

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083505.D
 Acq On : 5 Dec 2015 2:54
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Manual Integrations
 APPROVED

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 12/7/2015 6:30:51 PM

Quant Time: Dec 05 06:21:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	128295	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	509817	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	244137	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	460640	20.00	ng	0.00
75) Chrysene-d12	17.05	240	358546	20.00	ng	0.00
86) Perylene-d12	18.67	264	281217	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	725762	85.82	ng	0.00
7) Phenol-d6	5.32	99	967570	83.04	ng	0.00
23) Nitrobenzene-d5	6.60	82	909631	83.40	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	191634	85.09	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	1477769	82.10	ng	0.00
78) Terphenyl-d14	15.48	244	1348733	83.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	186376	42.02	ng	98
3) Pyridine	2.30	79	504960	47.71	ng	95
4) n-Nitrosodimethylamine	2.27	42	237673	44.58	ng	98
6) Aniline	5.32	93	634488	41.84	ng	97
8) 2-Chlorophenol	5.48	128	392138	41.70	ng	99
9) Benzaldehyde	5.16	77	285420	42.73	ng	98
10) Phenol	5.33	94	565268	41.49	ng	95
11) bis(2-Chloroethyl)ether	5.42	93	425490	42.13	ng	99
12) 1,3-Dichlorobenzene	5.69	146	438197	42.01	ng	99
13) 1,4-Dichlorobenzene	5.79	146	440147	41.32	ng	100
14) 1,2-Dichlorobenzene	6.01	146	408909	41.75	ng	100
15) Benzyl Alcohol	6.01	79	354958	43.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	775920	41.45	ng	98
17) 2-Methylphenol	6.19	107	324145	41.76	ng	95
18) Hexachloroethane	6.50	117	155541	41.84	ng	98
19) n-Nitroso-di-n-propylamine	6.40	70	322684	41.51	ng	# 91
20) 3+4-Methylphenols	6.43	107	429463	42.59	ng	100
22) Acetophenone	6.38	105	614558	41.85	ng	100
24) Nitrobenzene	6.62	77	488571	40.67	ng	99
25) Isophorone	7.00	82	874339	41.74	ng	99
26) 2-Nitrophenol	7.10	139	198009	41.78	ng	99
27) 2,4-Dimethylphenol	7.23	122	348885	41.66	ng	97
28) bis(2-Chloroethoxy)methane	7.36	93	485593	41.60	ng	98
29) 2,4-Dichlorophenol	7.49	162	321419	42.50	ng	94
30) 1,2,4-Trichlorobenzene	7.60	180	345819	41.36	ng	99
31) Naphthalene	7.71	128	1121570	41.33	ng	99
32) Benzoic acid	7.49	122	163245	35.47	ng	96
33) 4-Chloroaniline	7.82	127	432928	40.78	ng	99
34) Hexachlorobutadiene	7.92	225	200735	40.63	ng	99
35) Caprolactam	8.43	113	99707	41.45	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	357024	41.95	ng	99
37) 2-Methylnaphthalene	8.81	142	688967	41.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	335882	41.84	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	108346	40.34	ng	99

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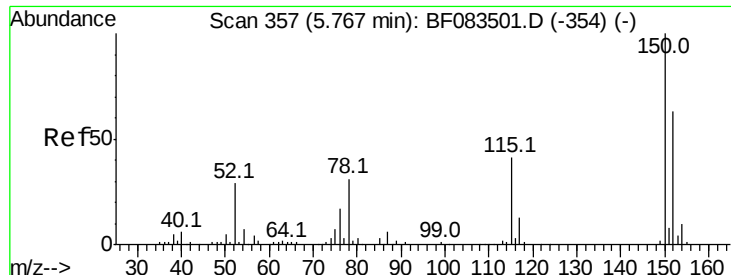
Manual Integrations
 APPROVED

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 12/7/2015 6:30:51 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	212288	42.12	nq	99
43) 2,4,5-Trichlorophenol	9.37	196	216992	41.80	nq	97
45) 1,1'-Biphenyl	9.57	154	898747	41.43	nq	99
46) 2-Chloronaphthalene	9.58	162	683759	41.82	nq	99
47) 2-Nitroaniline	9.78	65	247377	42.48	nq	99
48) Acenaphthylene	10.24	152	1109658	41.45	nq	100
49) Dimethylphthalate	10.11	163	787595	40.99	nq	99
50) 2,6-Dinitrotoluene	10.19	165	169450	41.88	nq	97
51) Acenaphthene	10.52	154	639144	41.49	nq	99
52) 3-Nitroaniline	10.45	138	183032	41.96	nq	95
53) 2,4-Dinitrophenol	10.65	184	70873	38.37	nq	95
54) Dibenzofuran	10.80	168	887047	41.56	nq	95
55) 4-Nitrophenol	10.83	139	98509m	40.09	nq	
56) 2,4-Dinitrotoluene	10.84	165	228967	43.33	nq	96
57) Fluorene	11.36	166	773746	41.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	160847	41.42	nq	# 100
59) Diethylphthalate	11.25	149	755416	40.85	nq	99
60) 4-Chlorophenyl-phenylether	11.38	204	359640	40.42	nq	99
61) 4-Nitroaniline	11.45	138	176850	44.75	nq	89
62) Azobenzene	11.64	77	797146	40.40	nq	99
64) 4,6-Dinitro-2-methylphenol	11.50	198	120325	39.38	nq	98
65) n-Nitrosodiphenylamine	11.59	169	616820	40.45	nq	98
66) 4-Bromophenyl-phenylether	12.17	248	208005	41.32	nq	99
67) Hexachlorobenzene	12.24	284	221189	41.11	nq	98
68) Atrazine	12.50	200	185610	40.25	nq	99
69) Pentachlorophenol	12.59	266	90421	39.36	nq	98
70) Phenanthrene	12.90	178	1085974	40.50	nq	99
71) Anthracene	12.98	178	1117923	40.88	nq	100
72) Carbazole	13.28	167	962394	40.99	nq	99
73) Di-n-butylphthalate	13.91	149	1205724	42.64	nq	99
74) Fluoranthene	14.82	202	1081217	40.69	nq	99
76) Benzidine	15.08	184	538916	41.60	nq	96
77) Pyrene	15.17	202	1114061	41.54	nq	100
79) Butylbenzylphthalate	16.32	149	463454	43.94	nq	99
80) Benzo(a)anthracene	17.04	228	863058	41.14	nq	100
81) 3,3'-Dichlorobenzidine	17.03	252	279807	41.70	nq	100
82) Chrysene	17.08	228	857866	41.05	nq	99
83) Bis(2-ethylhexyl)phthalate	17.16	149	592785	42.83	nq	99
84) Di-n-octyl phthalate	17.92	149	844247	42.77	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.92	276	746420	41.67	nq	# 100
87) Benzo(b)fluoranthene	18.29	252	646699m	40.95	nq	
88) Benzo(k)fluoranthene	18.32	252	679464m	42.00	nq	
89) Benzo(a)pyrene	18.61	252	636555	41.44	nq	97
90) Dibenzo(a,h)anthracene	19.93	278	632260	42.78	nq	99
91) Benzo(g,h,i)perylene	20.27	276	641247	43.05	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 357

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

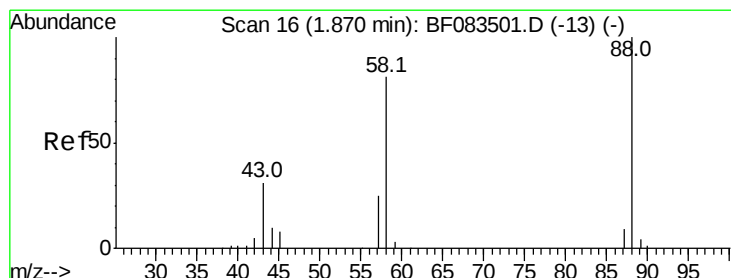
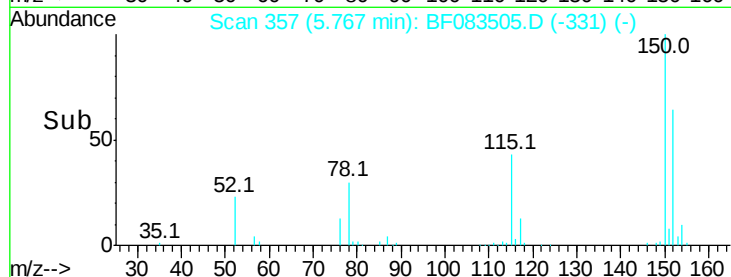
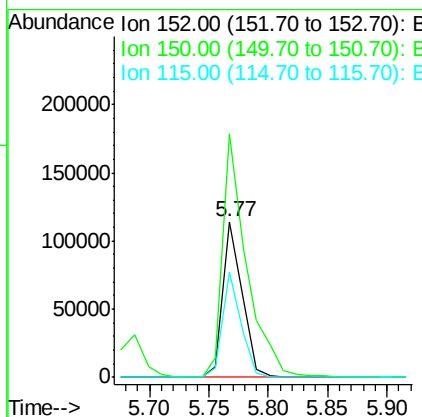
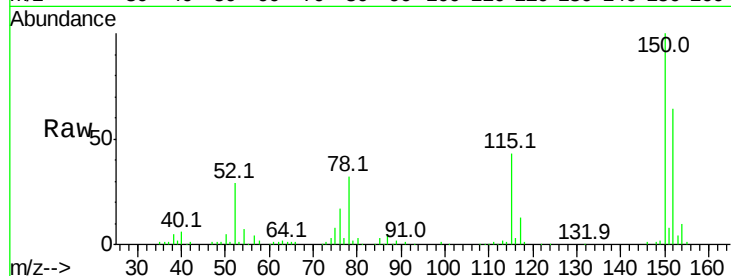
ClientSampleId :

ICVBF120415

Tot Ion:	152	Resp:	128295
Ion Ratio	Lower	Upper	
152	100		
150	156.6	126.5	189.7
115	67.7	52.3	78.5

Manual Integrations
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#2

1,4-Dioxane

Concen: 42.02 ng

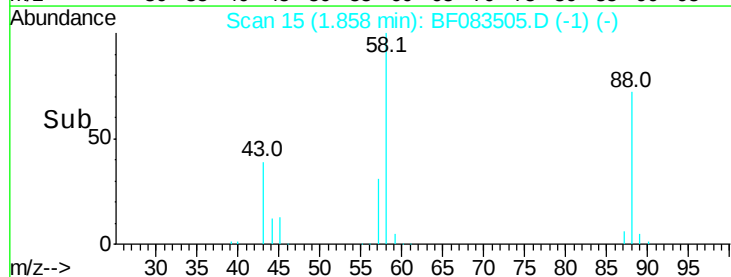
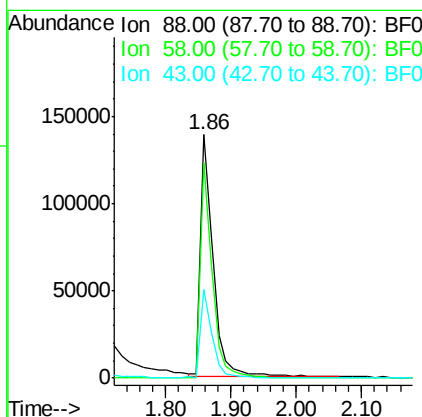
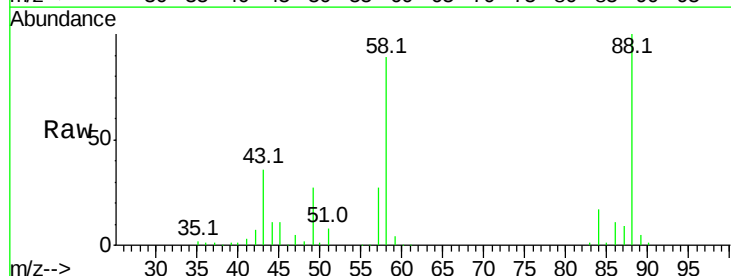
RT: 1.86 min Scan# 15

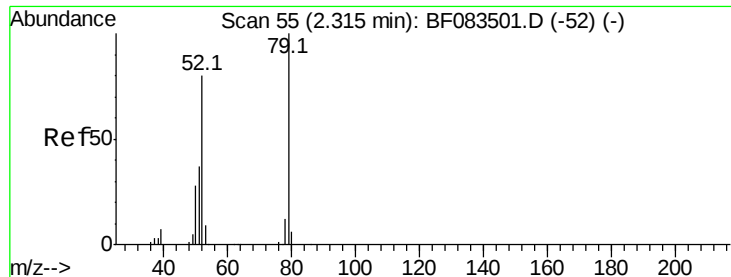
Delta R.T. -0.01 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion:	88	Resp:	186376
Ion Ratio	Lower	Upper	
88	100		
58	82.3	68.0	102.0
43	34.8	27.9	41.9





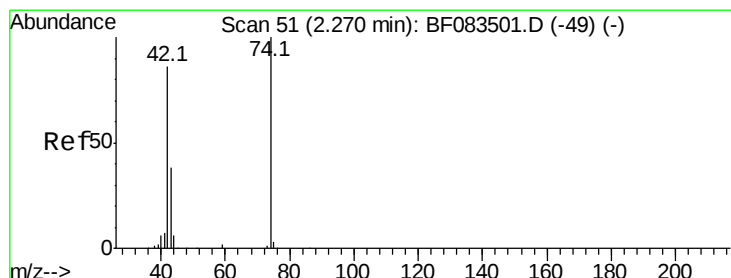
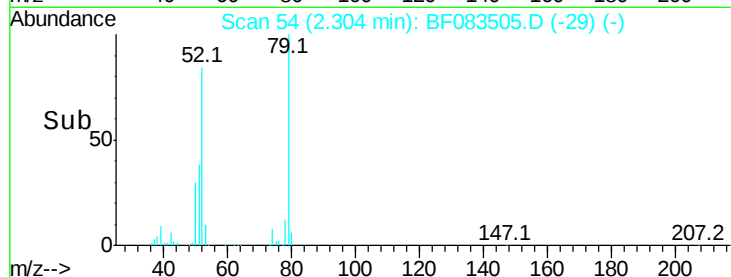
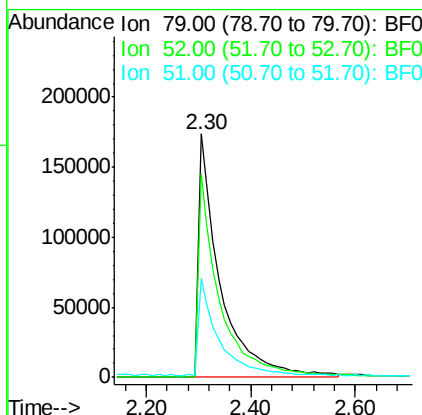
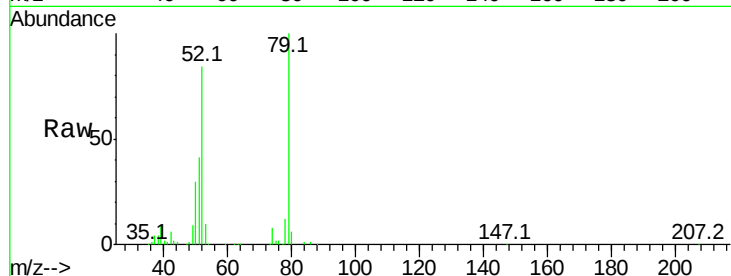
#3
Pvridine
Concen: 47.71 ng
RT: 2.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.9	63.7	95.5
51	40.6	30.6	45.8

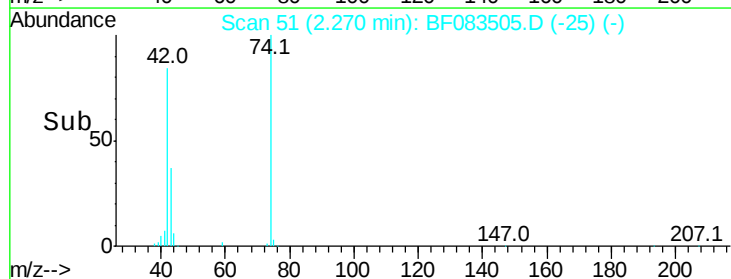
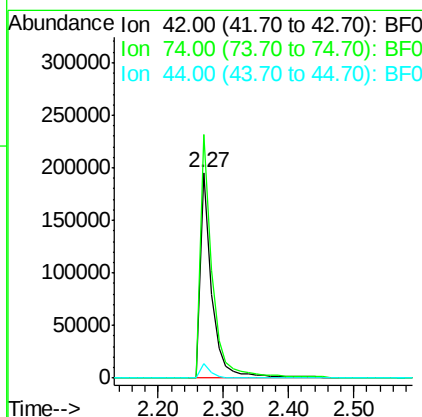
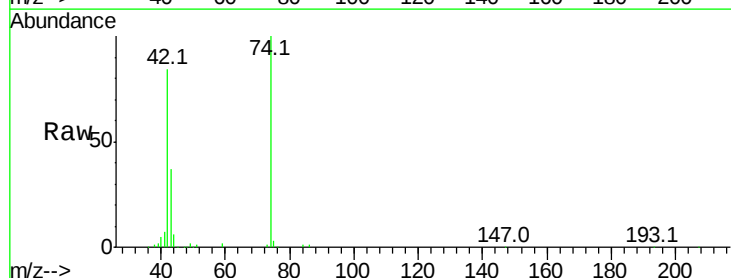
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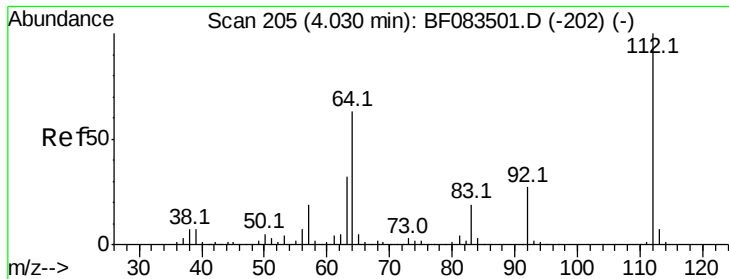
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#4
n-Nitrosodimethylamine
Concen: 44.58 ng
RT: 2.27 min Scan# 51
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.4	92.9	139.3
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 85.82 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083505.D

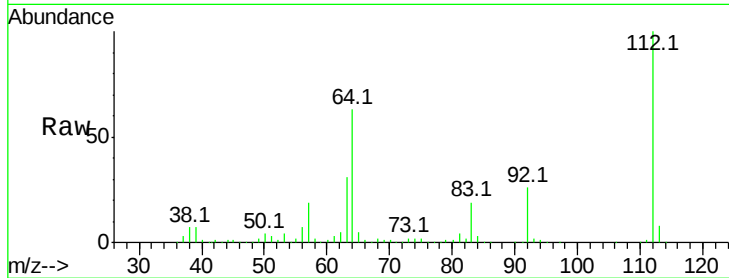
Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

ClientSampleId :

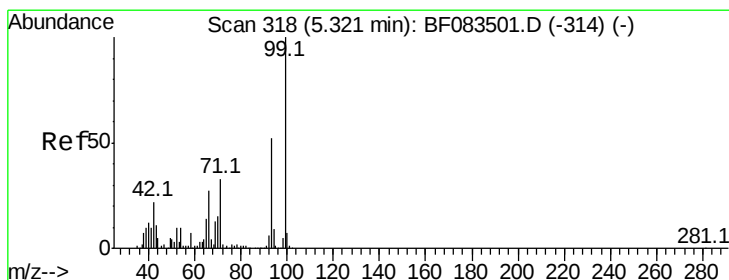
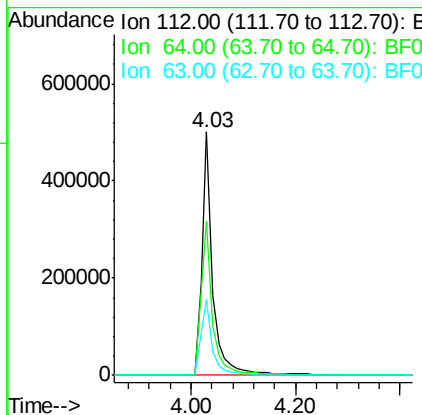
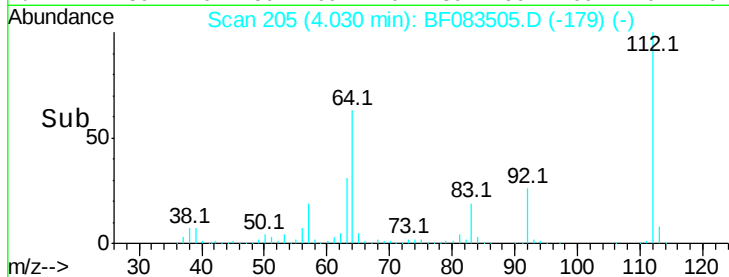
ICVBF120415



Tot Ion	Ratio	Resp	Lower	Upper
112	100	725762		
64	63.5	50.5	75.7	
63	31.4	25.8	38.6	

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#6

Aniline

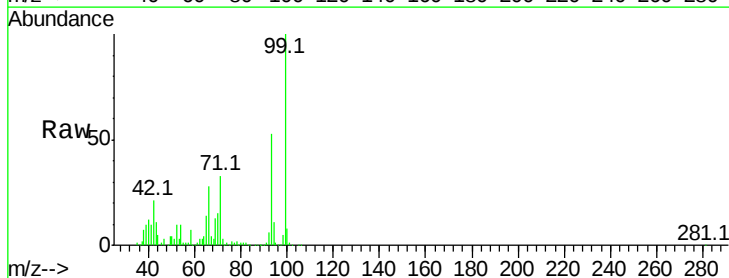
Concen: 41.84 ng

RT: 5.32 min Scan# 318

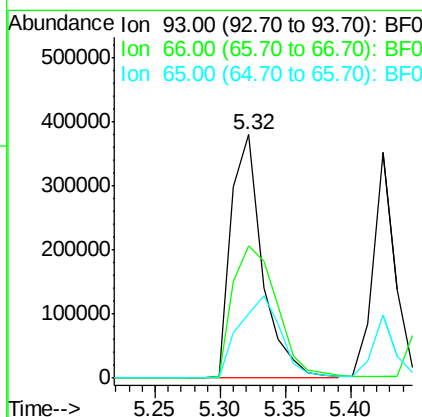
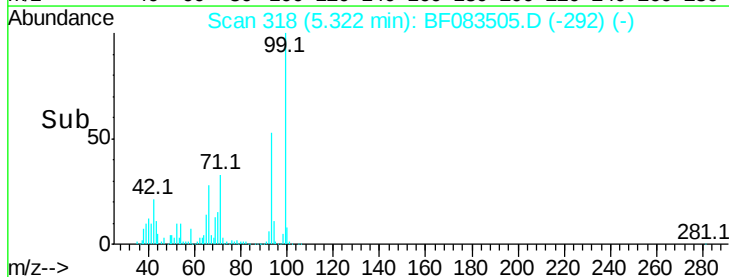
Delta R.T. 0.00 min

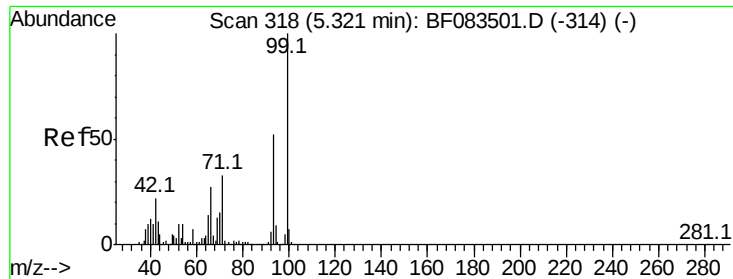
Lab File: BF083505.D

Acq: 5 Dec 2015 2:54



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	634488		
66	54.1	41.3	61.9	
65	26.3	20.8	31.2	





#7

Phenol-d6

Concen: 83.04 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

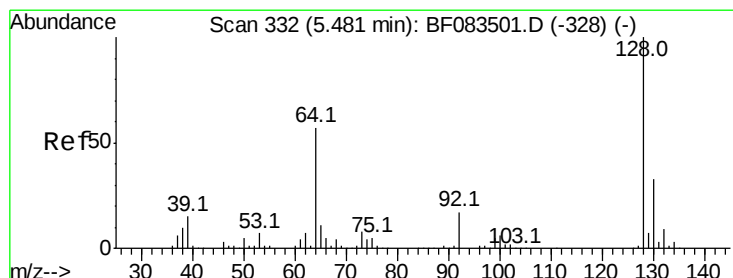
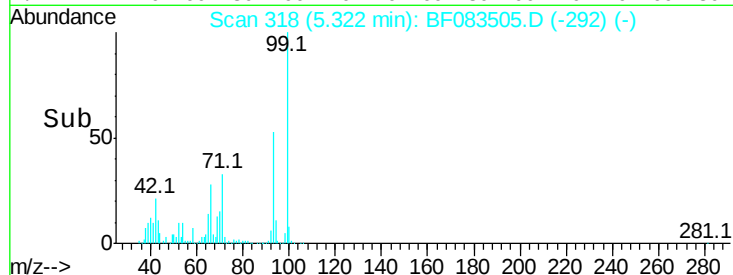
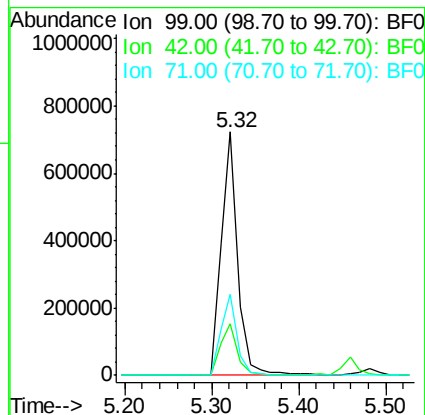
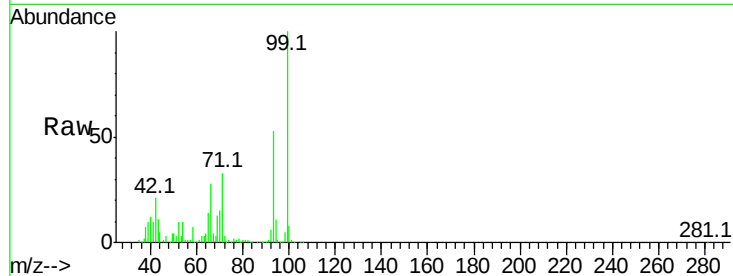
ClientSampleId :

ICVBF120415

Tot Ion	99	Resp	967570
Ion Ratio	Lower	Upper	
99	100		
42	21.4	17.3	25.9
71	33.4	26.6	40.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.70 ng

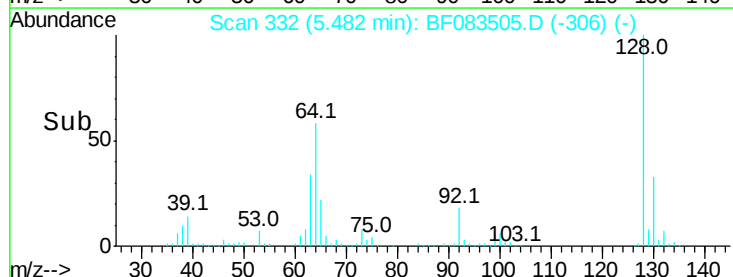
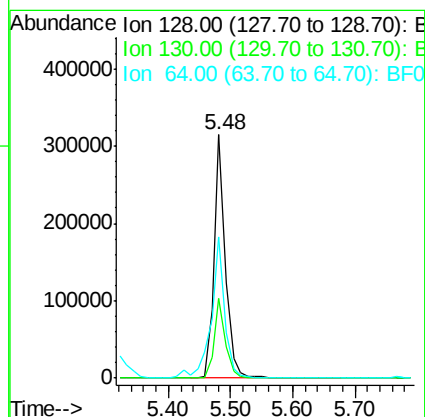
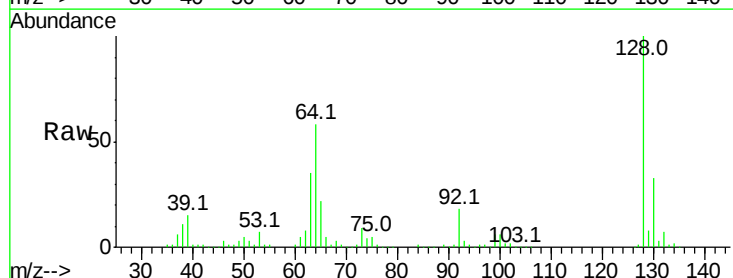
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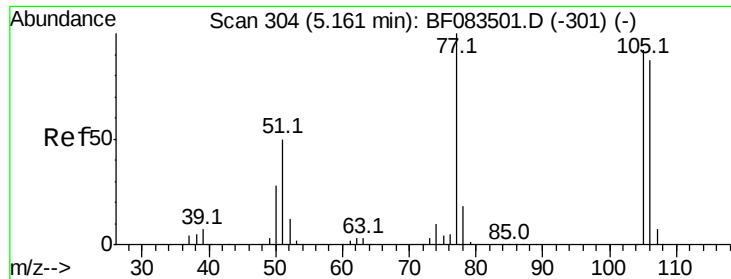
Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion	128	Resp	392138
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.6	52.6
64	57.9	38.6	78.6





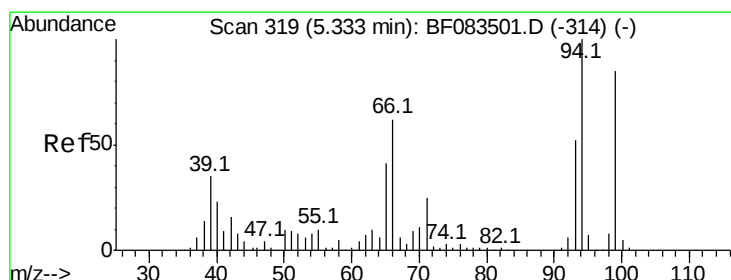
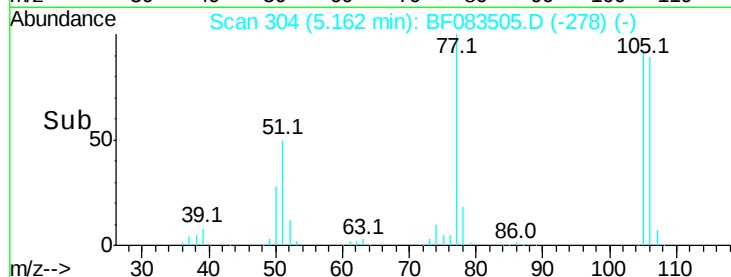
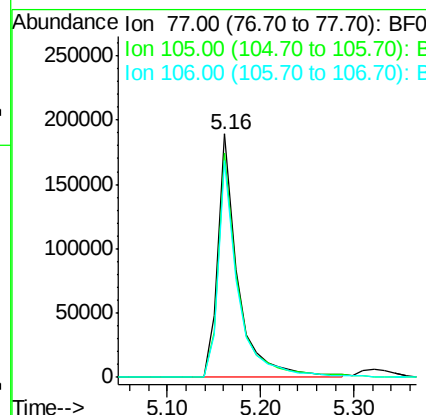
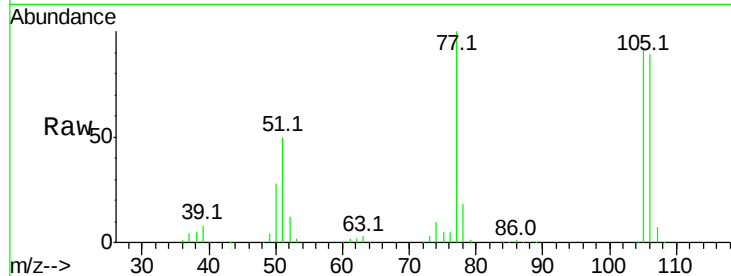
#9
Benzaldehyde
Concen: 42.73 ng
RT: 5.16 min Scan# 304
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.4	71.8	111.8
106	89.1	66.8	106.8

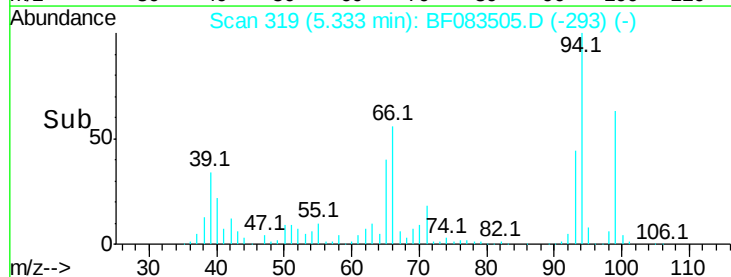
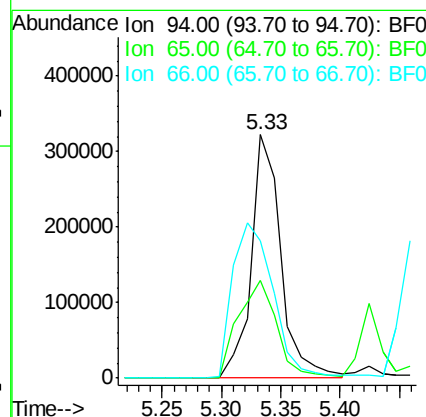
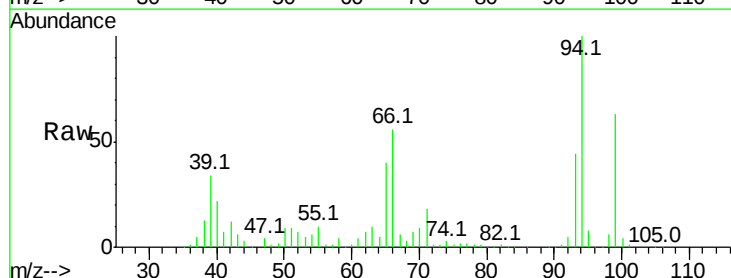
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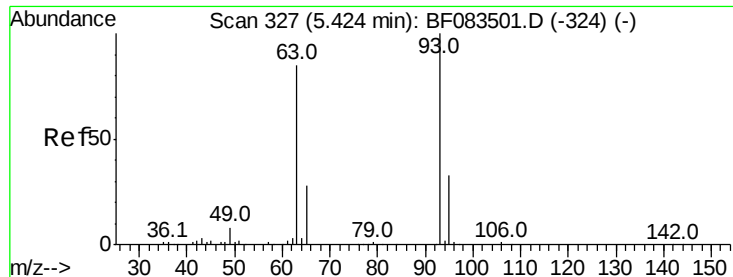
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12/7/2015 6:30:51 PM



#10
Phenol
Concen: 41.49 ng
RT: 5.33 min Scan# 319
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.9	20.9	60.9
66	56.3	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 42.13 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

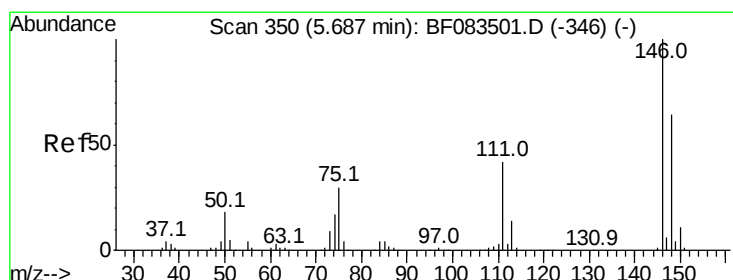
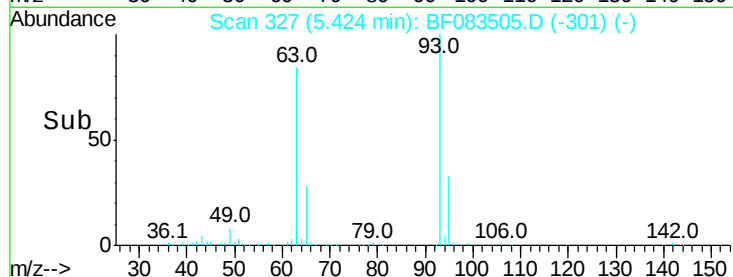
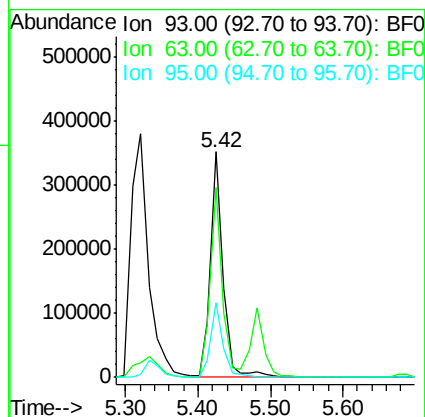
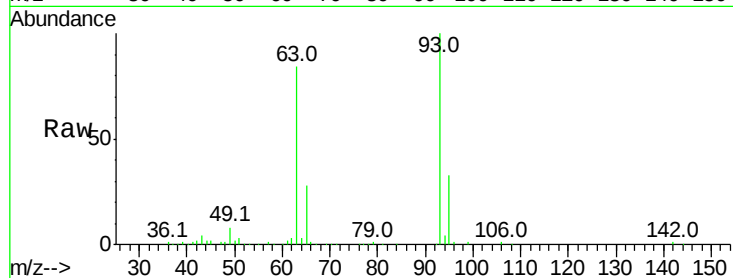
ClientSampleId :

ICVBF120415

Tot Ion:	93	Resp:	425490
Ion	Ratio	Lower	Upper
93	100		
63	84.1	64.7	104.7
95	33.4	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 42.01 ng

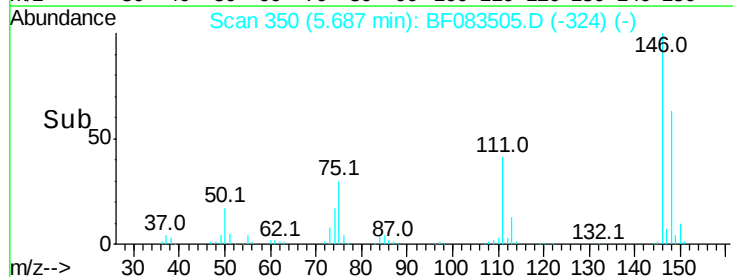
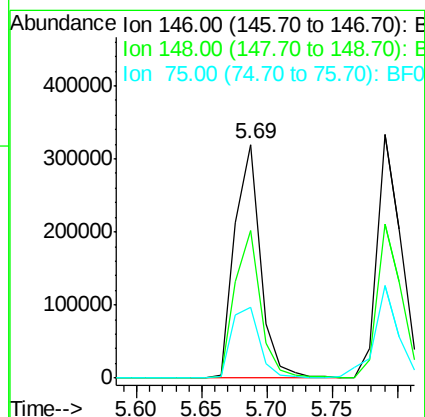
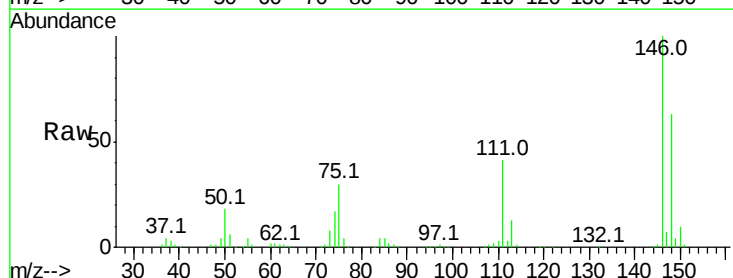
RT: 5.69 min Scan# 350

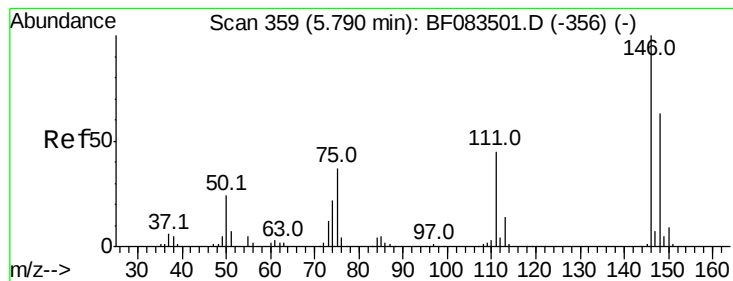
Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion:	146	Resp:	438197
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
75	30.2	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 41.32 ng

RT: 5.79 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

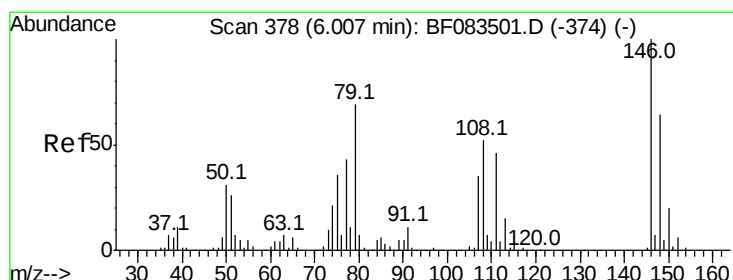
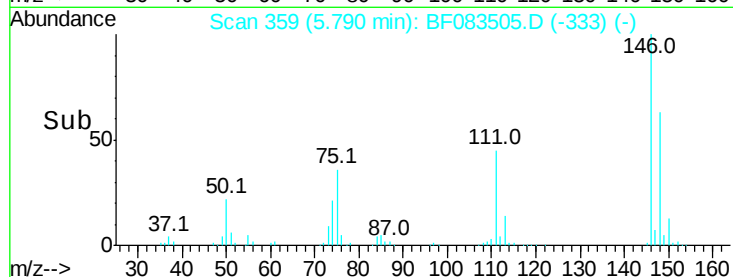
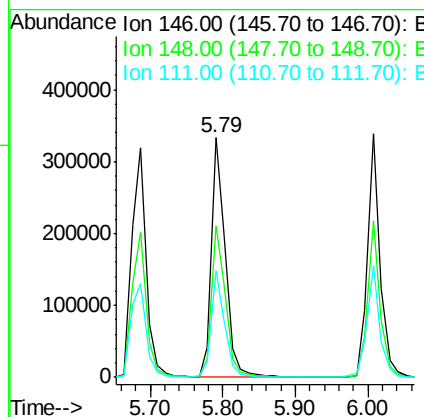
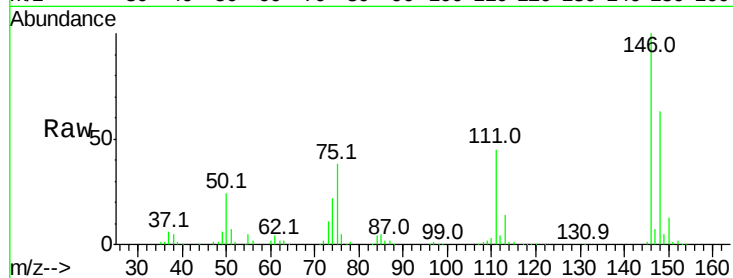
ClientSampleId :

ICVBF120415

Tot Ion:	146	Resp:	440147
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	44.6	36.1	54.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.75 ng

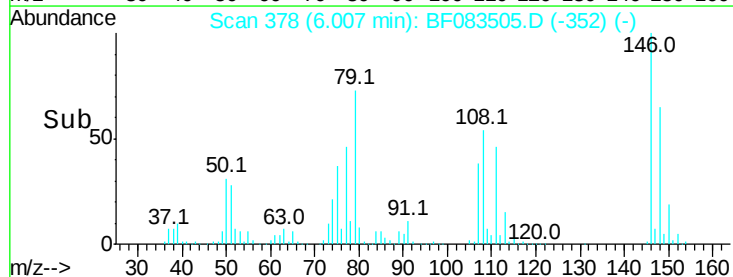
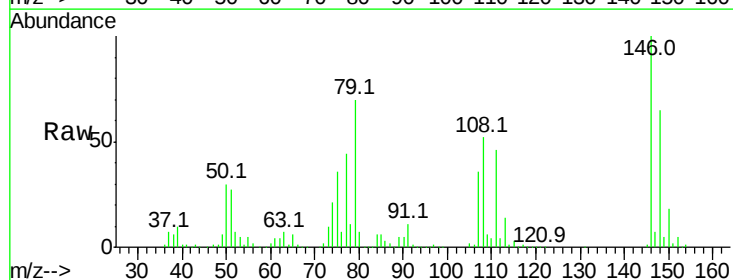
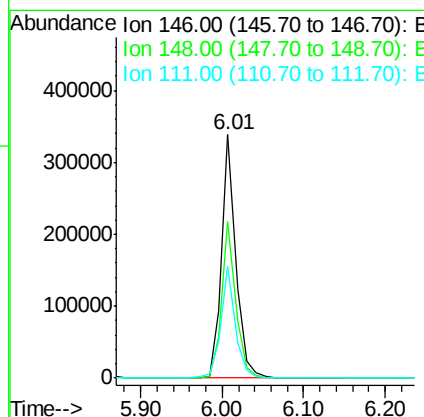
RT: 6.01 min Scan# 378

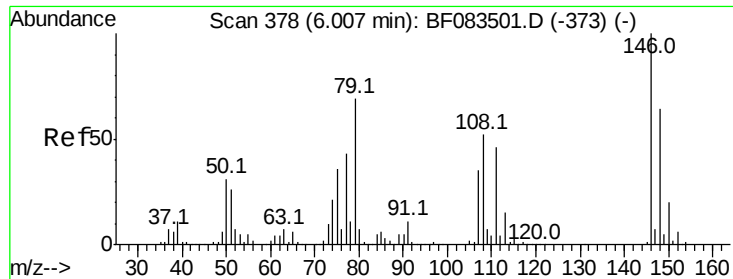
Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion:	146	Resp:	408909
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.4	77.0
111	46.1	36.7	55.1





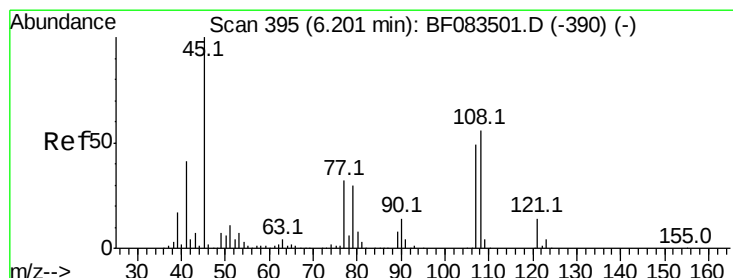
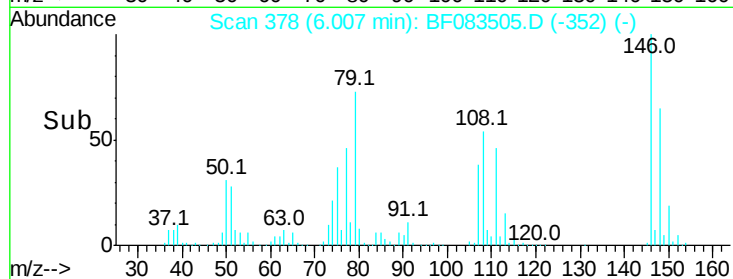
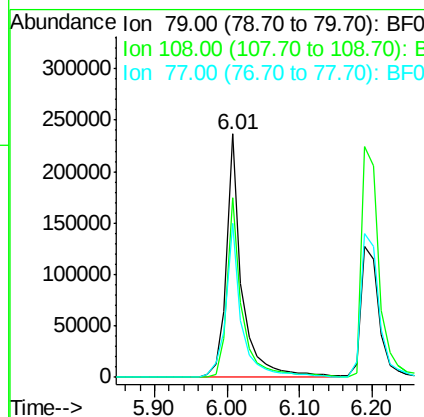
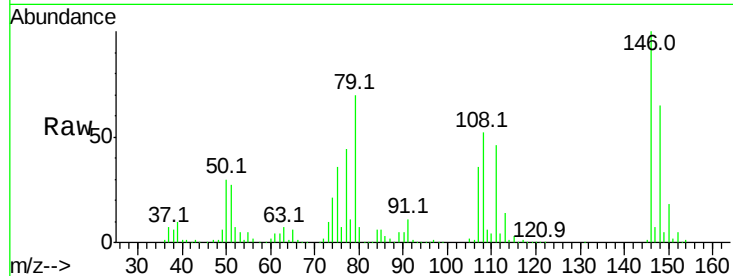
#15
Benzyl Alcohol
Concen: 43.91 ng
RT: 6.01 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.0	59.6	89.4	
77	63.2	49.8	74.6	

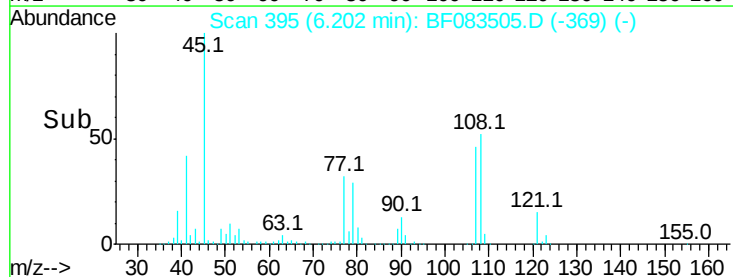
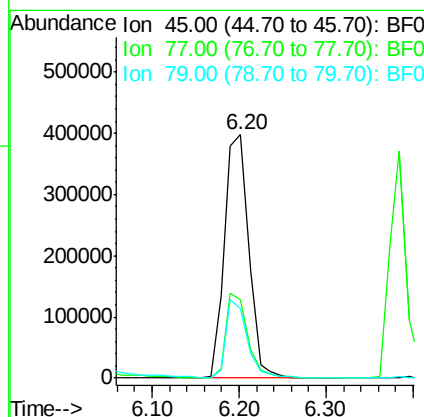
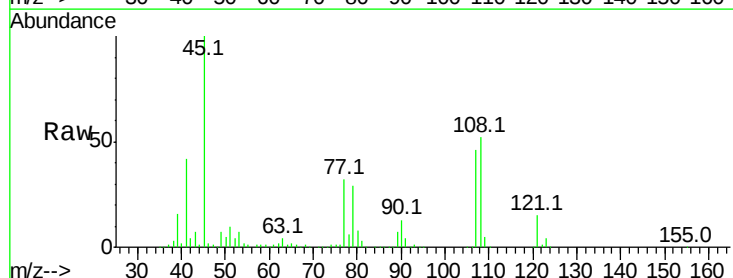
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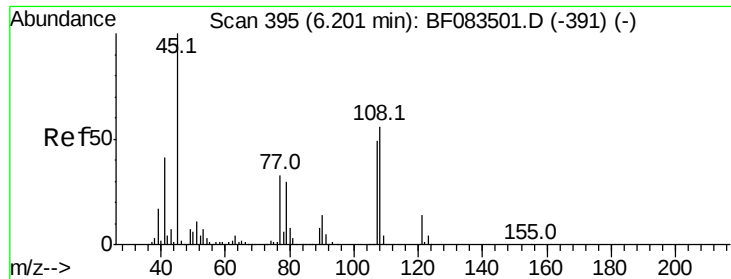
Mmdadoda
12/7/2015 6:30:51 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.45 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	32.1	12.8	52.8	
79	28.7	10.7	50.7	





#17

2-Methylphenol

Concen: 41.76 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

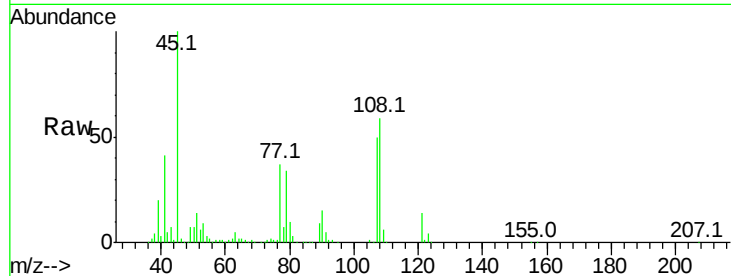
ClientSampleId :

ICVBF120415

Tot Ion:	107	Resp:	324145
Ion Ratio	Lower	Upper	
107	100		
108	117.8	91.6	137.4
77	73.2	53.7	80.5
79	66.9	50.2	75.4

Manual Integrations
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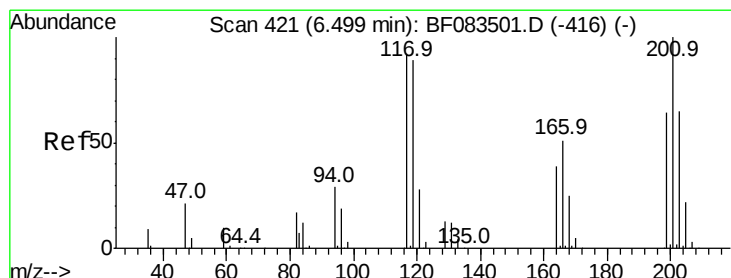
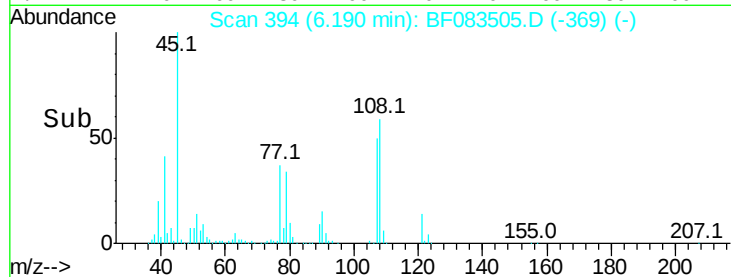
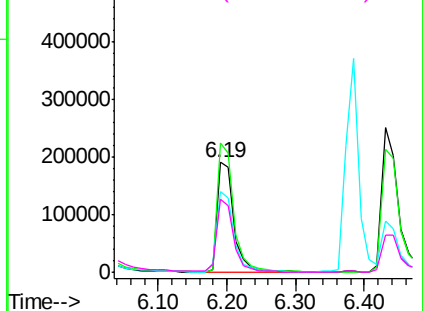
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.84 ng

RT: 6.50 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

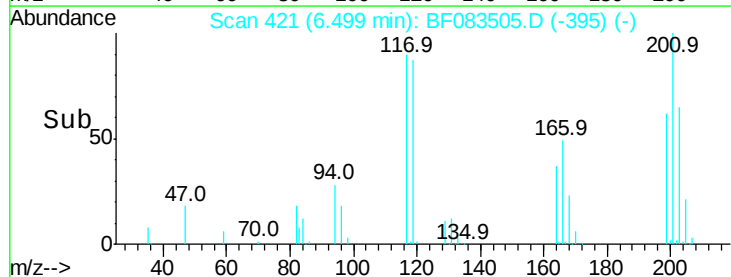
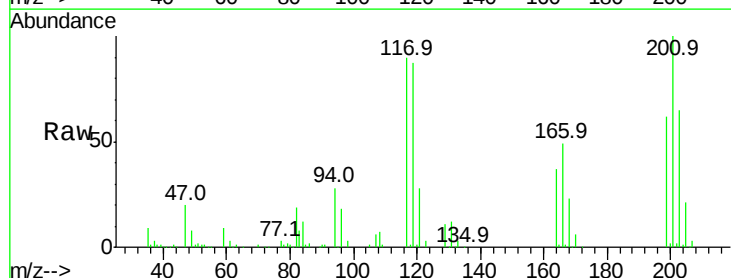
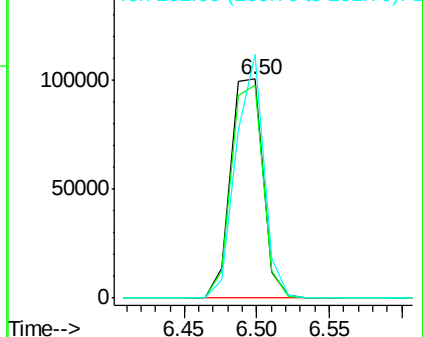
Tgt Ion:	117	Resp:	155541
Ion Ratio	Lower	Upper	
117	100		
119	97.2	77.2	115.8
201	111.1	86.8	130.2

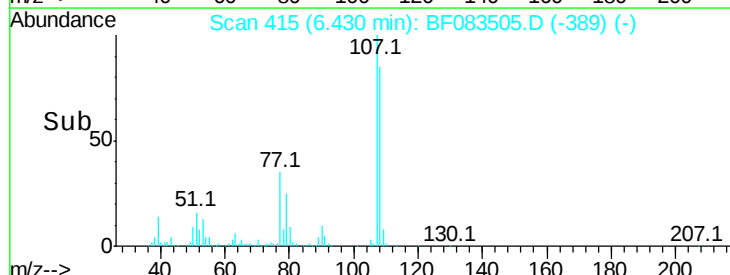
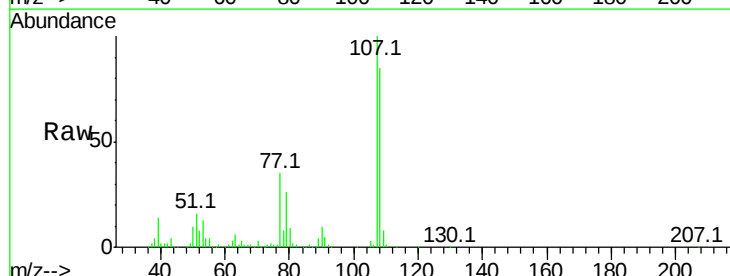
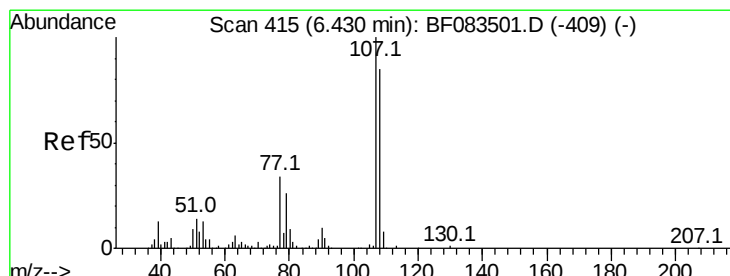
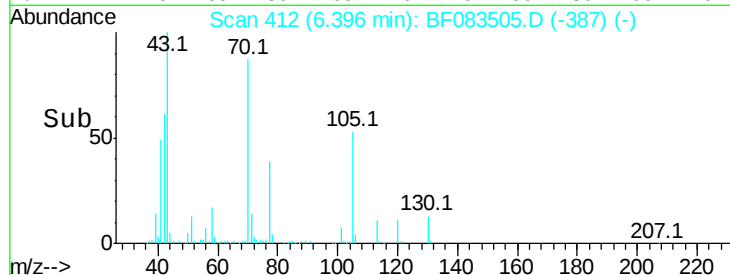
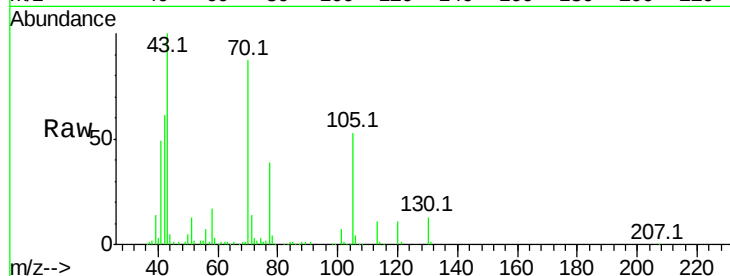
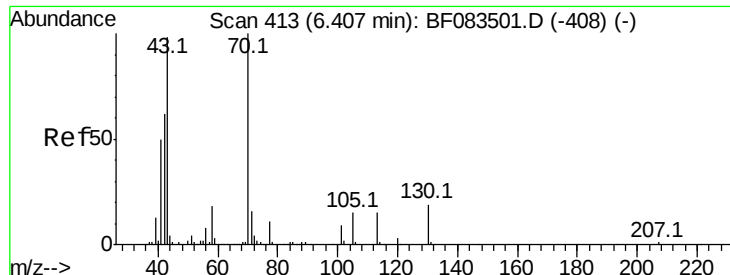
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





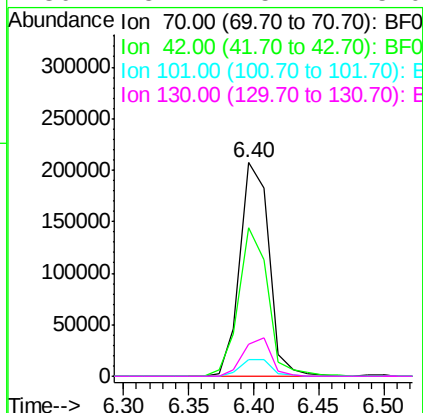
#19
n-Nitroso-di-n-propylamine
Concen: 41.51 ng
RT: 6.40 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.4	49.2	73.8
101	7.7	7.1	10.7
130	15.1	15.4	23.0

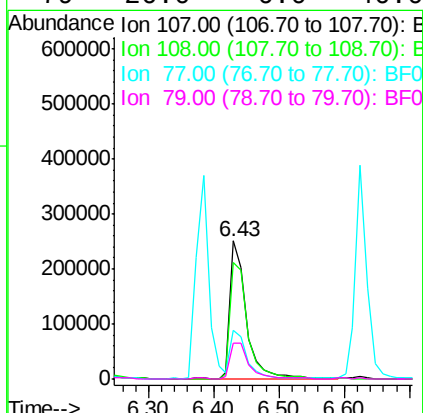
Manual Integrations
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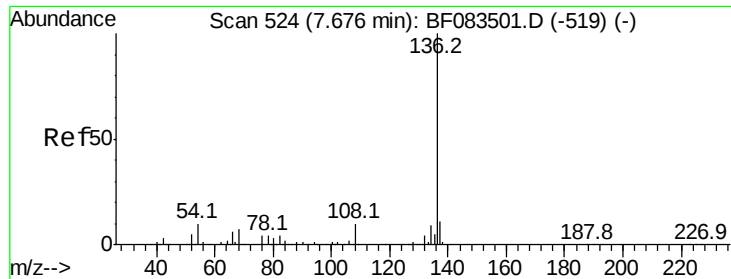
Mmdadoda
12/7/2015 6:30:51 PM



#20
3+4-Methylphenols
Concen: 42.59 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	65.2	105.2
77	35.1	15.2	55.2
79	26.0	6.0	46.0





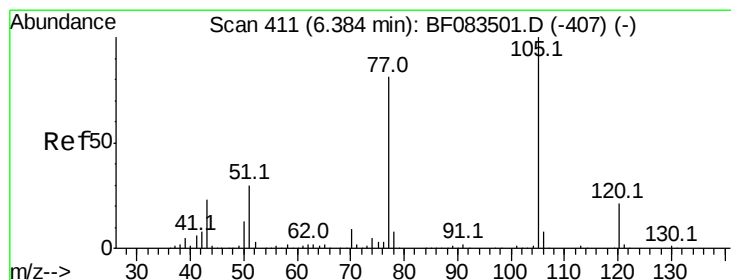
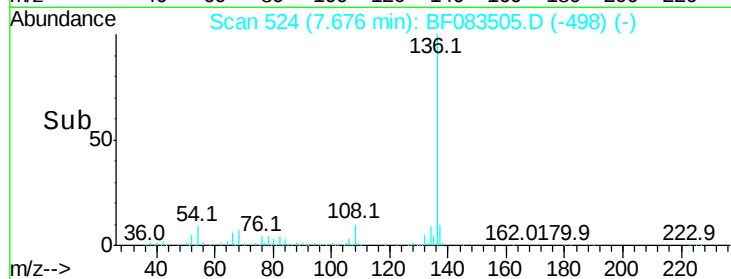
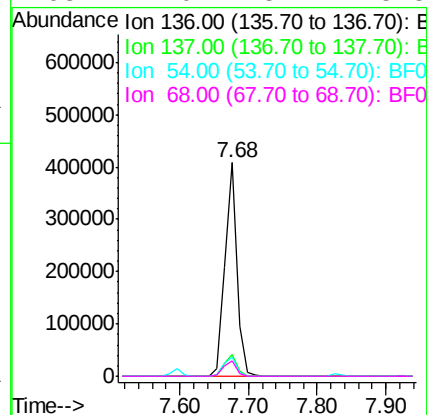
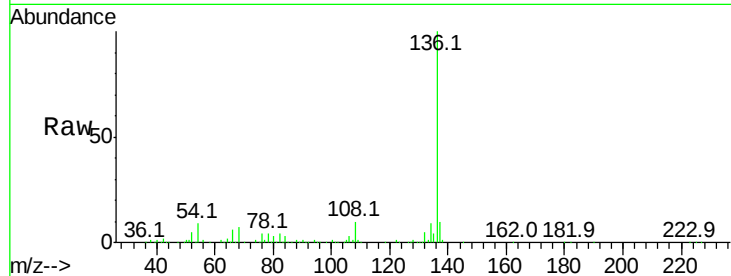
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.7	13.1	
54	9.3	7.8	11.6	
68	7.0	5.7	8.5	

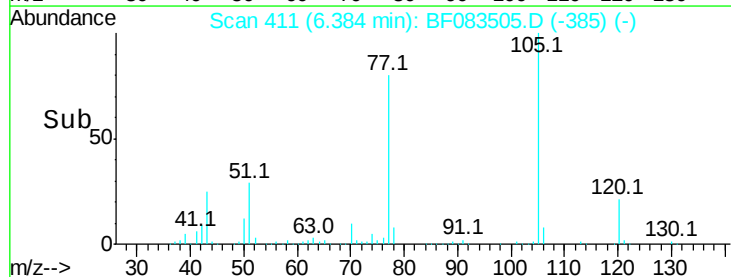
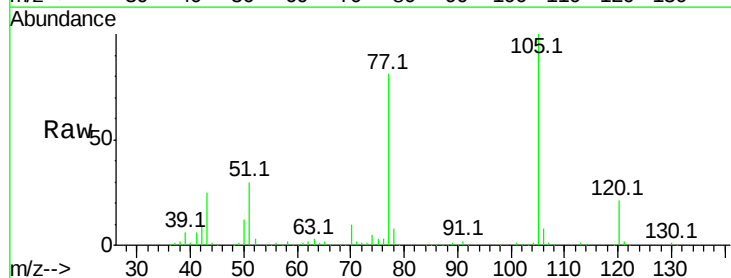
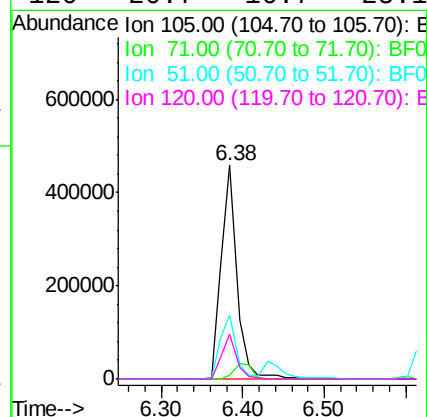
Manual Integrations
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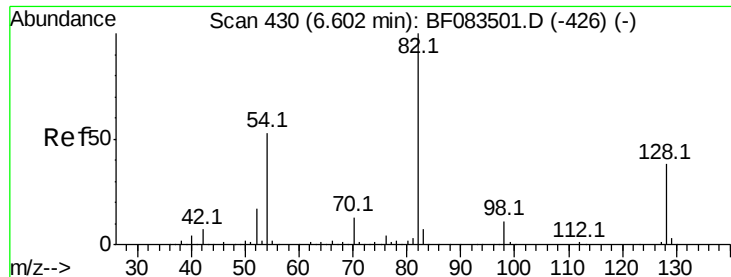
Mmdadoda
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#22
Acetophenone
Concen: 41.85 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	1.3	1.9	
51	29.8	23.8	35.8	
120	20.7	16.7	25.1	





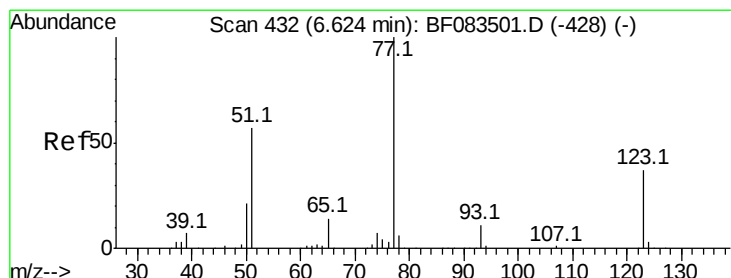
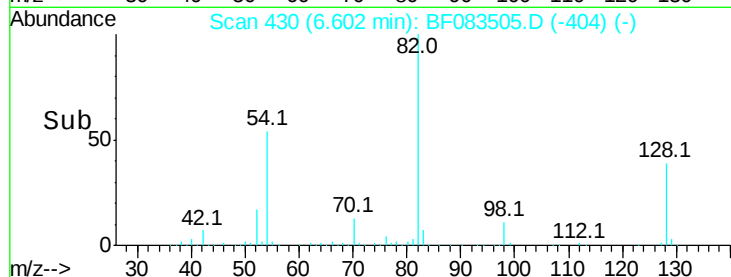
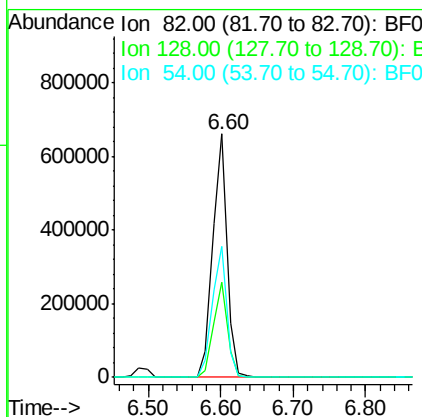
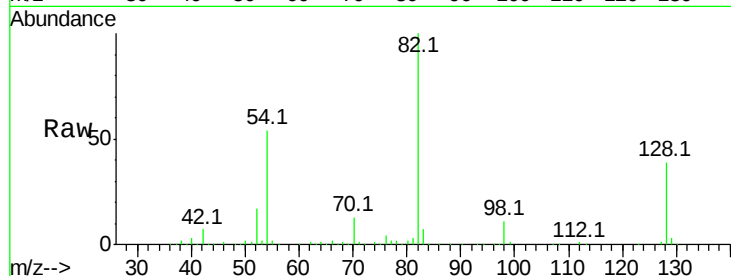
#23
 Nitrobenzene-d5
 Concen: 83.40 ng
 RT: 6.60 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.0	30.7	46.1	
54	53.9	42.5	63.7	

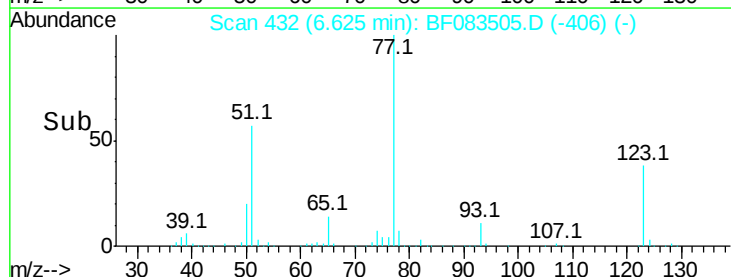
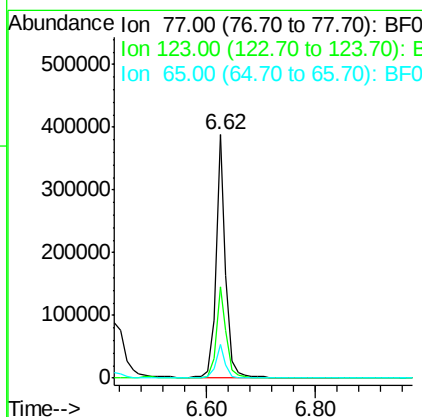
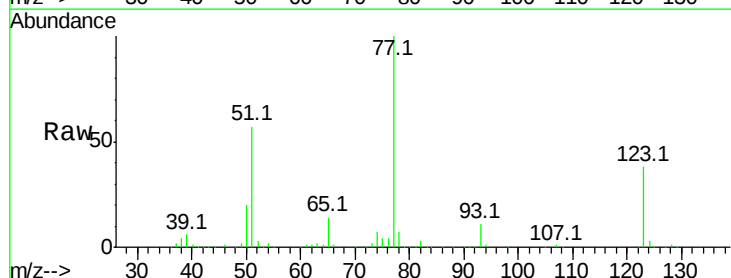
Manual Integrations
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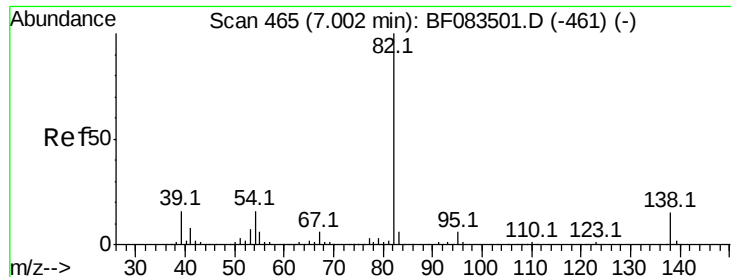
Mmdadoda
 12/7/2015 6:30:51 PM



#24
 Nitrobenzene
 Concen: 40.67 ng
 RT: 6.62 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.6	29.8	44.6	
65	13.9	11.1	16.7	





#25

Isophorone

Concen: 41.74 ng

RT: 7.00 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

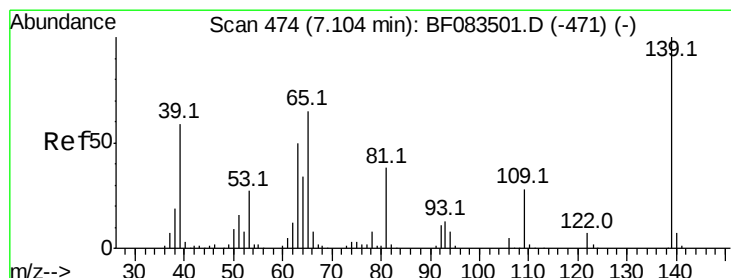
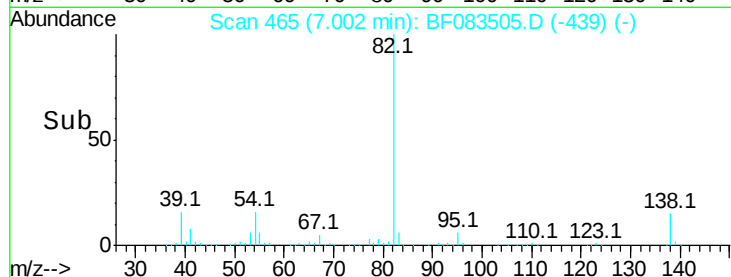
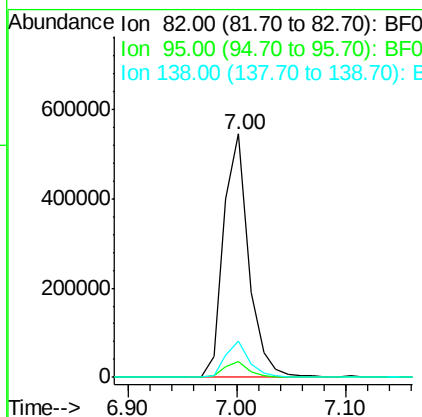
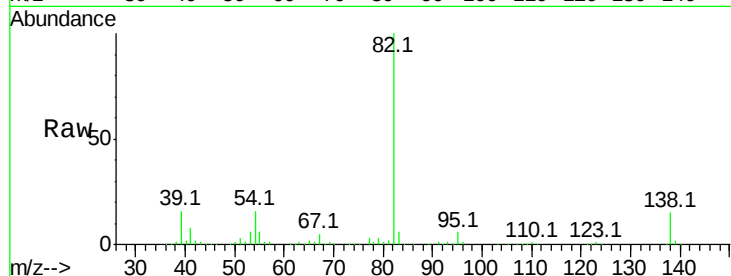
ClientSampleId :

ICVBF120415

Tot Ion:	82	Resp:	874339
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.0	7.4
138	14.9	12.1	18.1

Manual Integrations
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12/7/2015 6:30:51 PM



#26

2-Nitrophenol

Concen: 41.78 ng

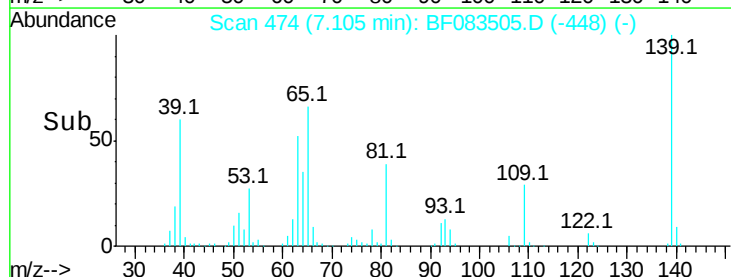
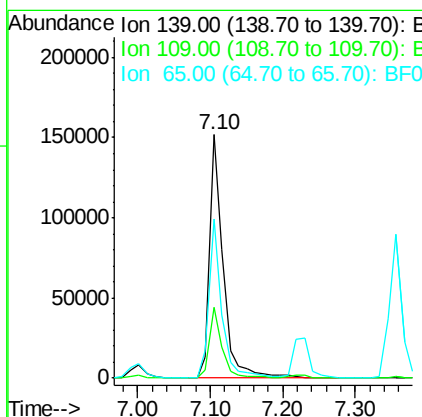
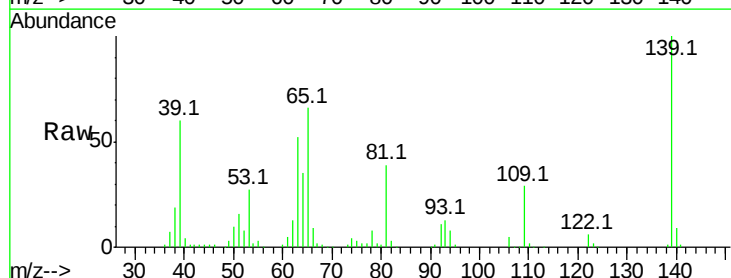
RT: 7.10 min Scan# 474

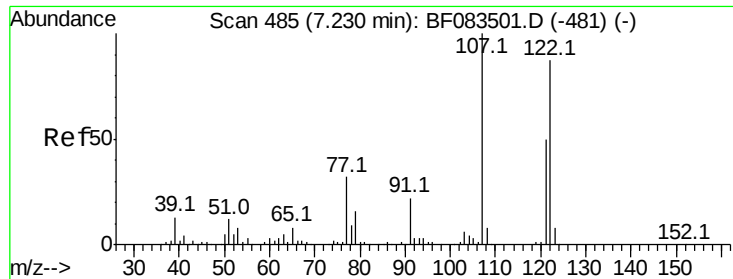
Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion:	139	Resp:	198009
Ion Ratio	Lower	Upper	
139	100		
109	29.0	22.7	34.1
65	65.6	51.8	77.8





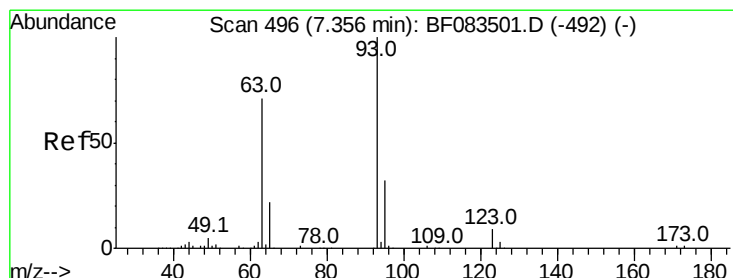
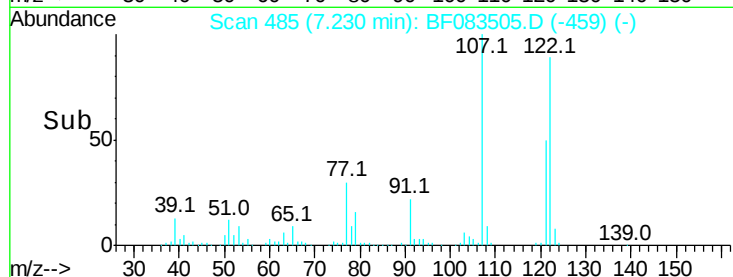
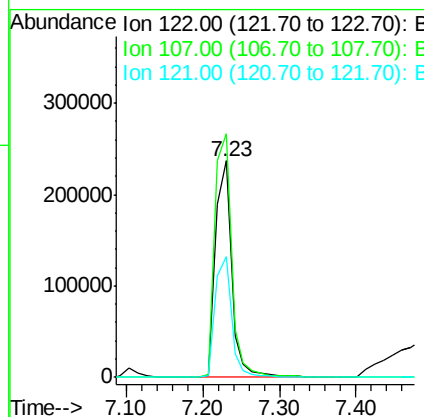
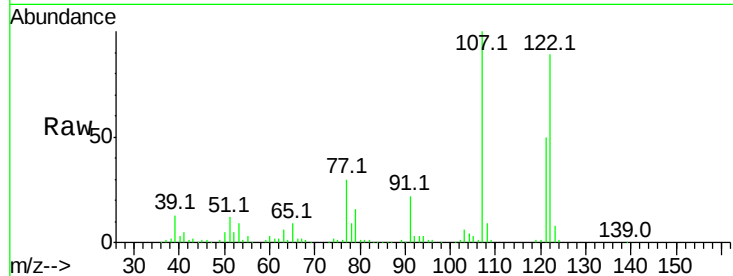
#27
 2,4-Dimethylphenol
 Concen: 41.66 ng
 RT: 7.23 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Resp	Lower	Upper
122	100	348885		
107	112.4	92.4	138.6	
121	55.8	45.8	68.6	

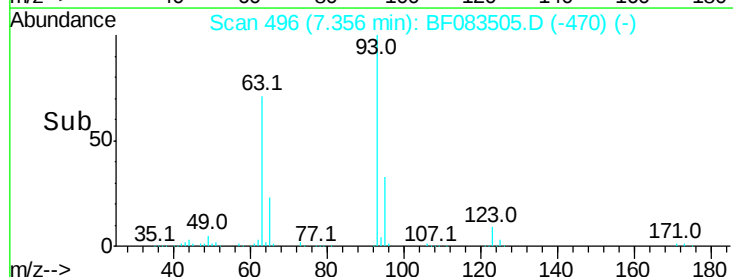
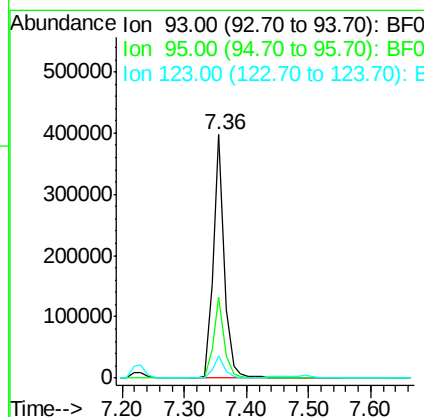
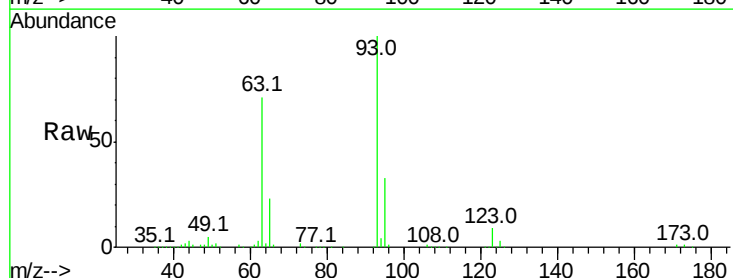
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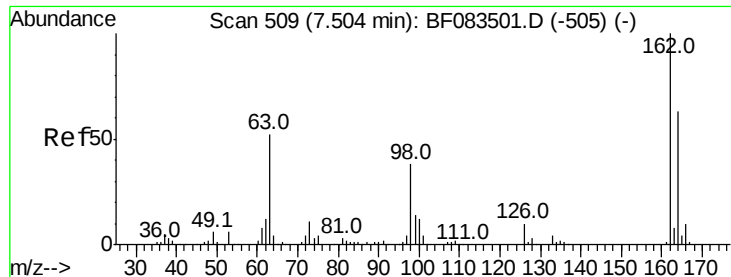
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.60 ng
 RT: 7.36 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	485593		
95	33.3	25.6	38.4	
123	9.3	7.3	10.9	





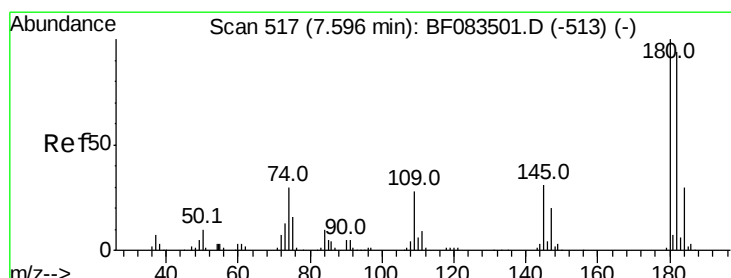
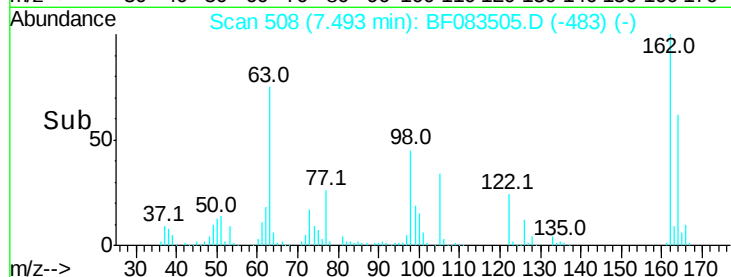
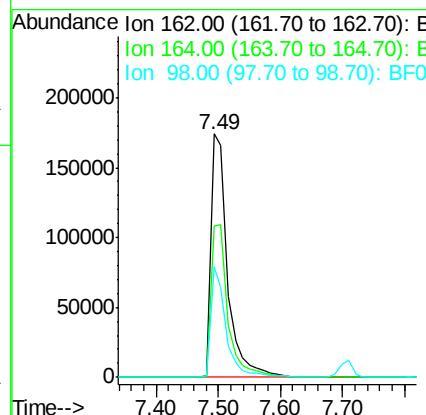
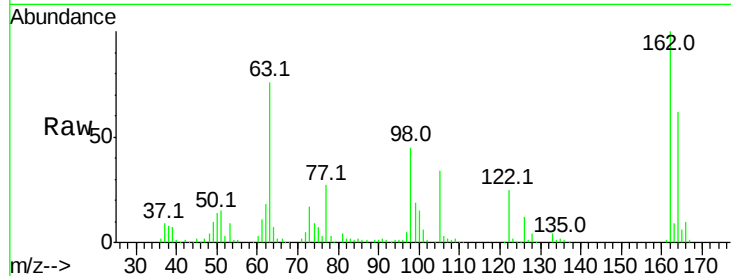
#29
 2,4-Dichlorophenol
 Concen: 42.50 ng
 RT: 7.49 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.1	43.4	83.4
98	45.4	17.5	57.5

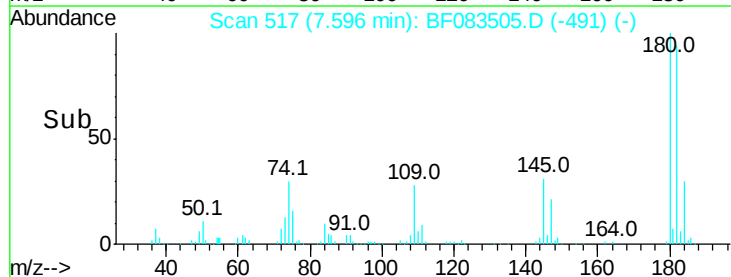
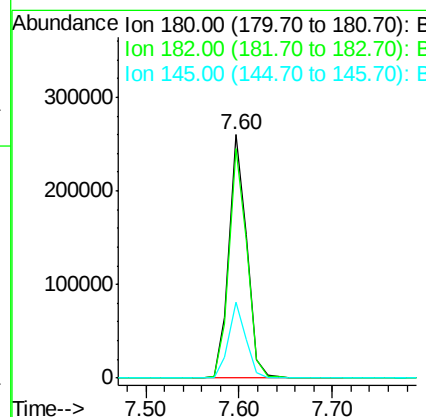
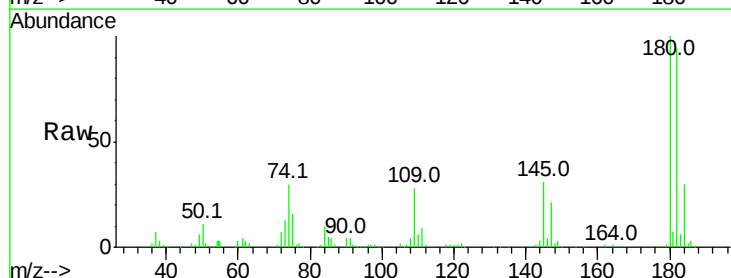
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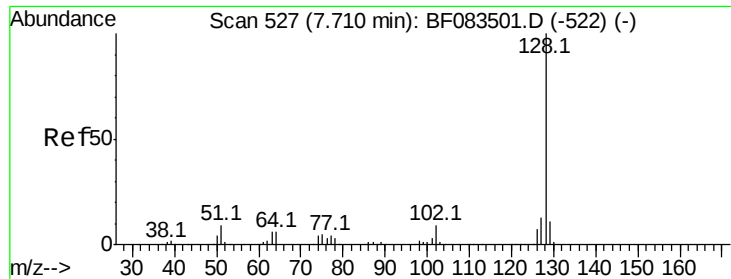
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.36 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	74.9	112.3
145	31.1	24.7	37.1





#31

Naphthalene

Concen: 41.33 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

ClientSampleId :

ICVBF120415

Tot Ion:128 Resp: 1121570

Ion Ratio Lower Upper

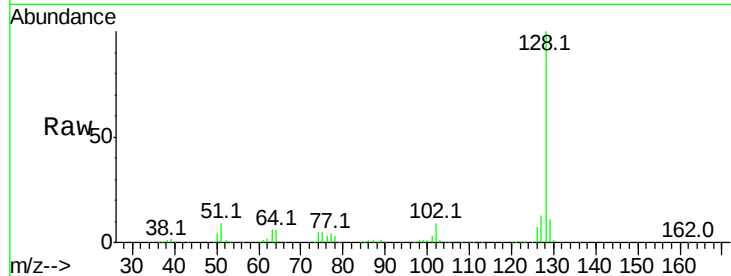
128 100

129 11.1 8.6 13.0

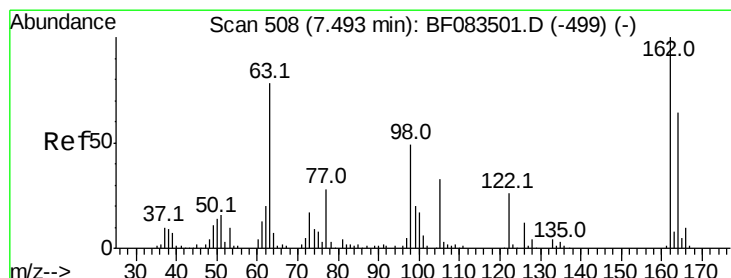
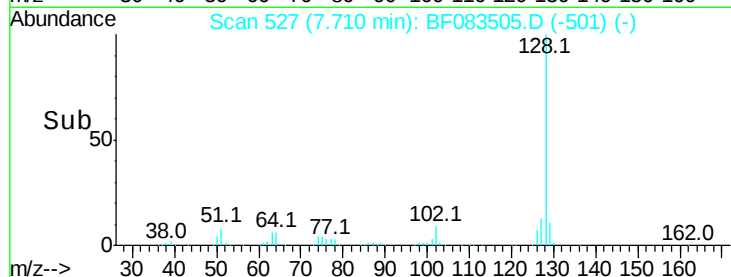
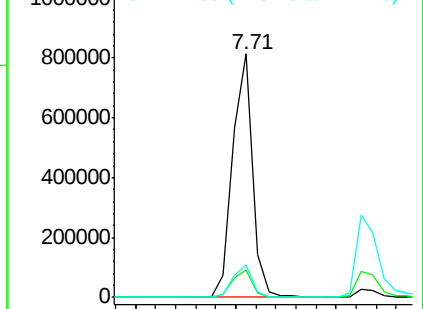
127 13.1 10.6 16.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.47 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

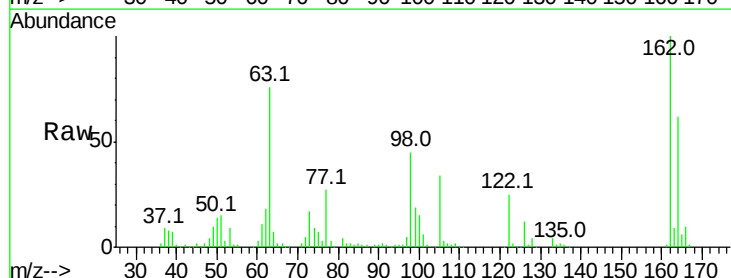
Tgt Ion:122 Resp: 163245

Ion Ratio Lower Upper

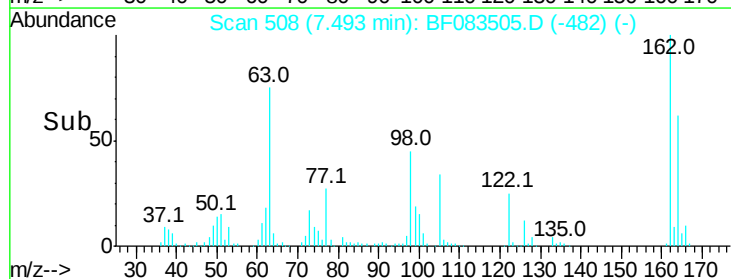
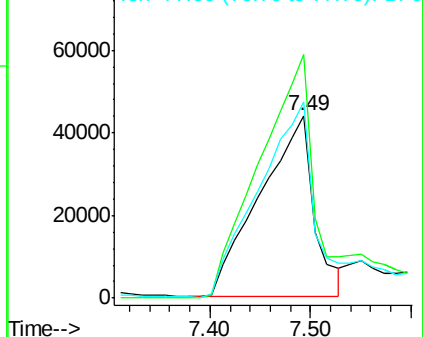
122 100

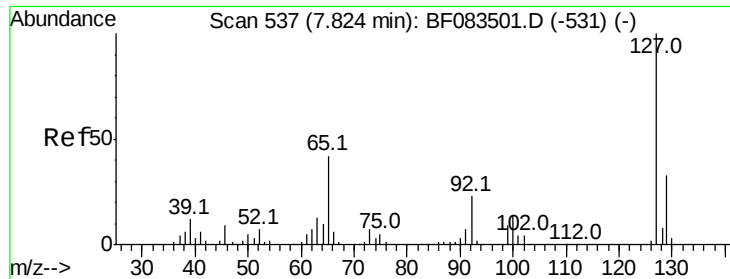
105 133.5 105.6 145.6

77 107.9 86.8 126.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





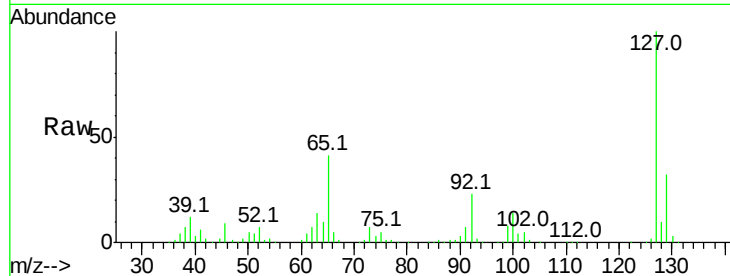
#33
 4-Chloroaniline
 Concen: 40.78 ng
 RT: 7.82 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

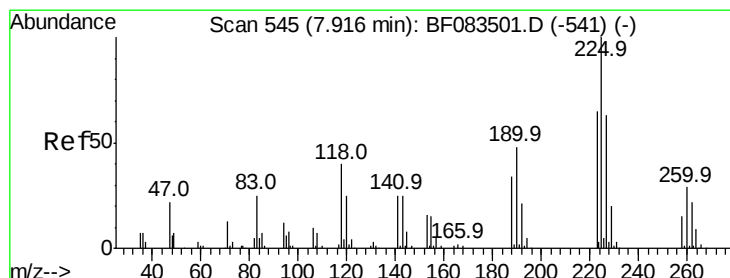
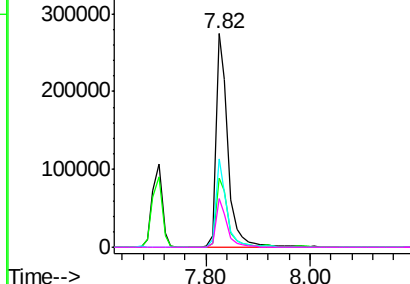
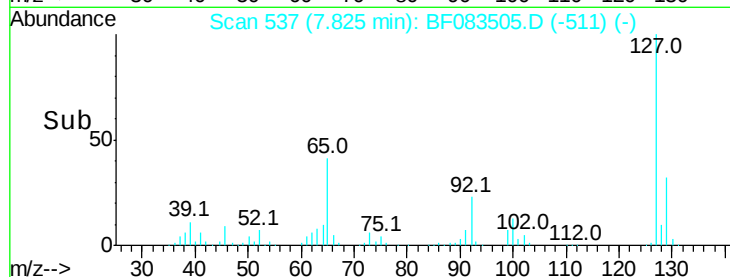
Tot Ion	Ion	Ratio	Resp	Lower	Upper
432928	127	100			
	129	32.3		26.1	39.1
	65	41.4		33.5	50.3
	92	22.8		18.6	28.0

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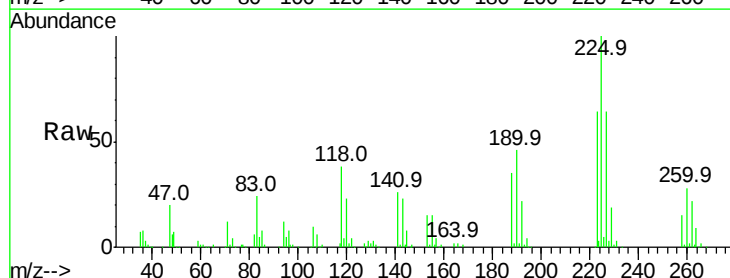


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

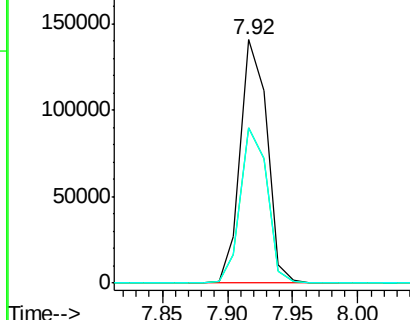
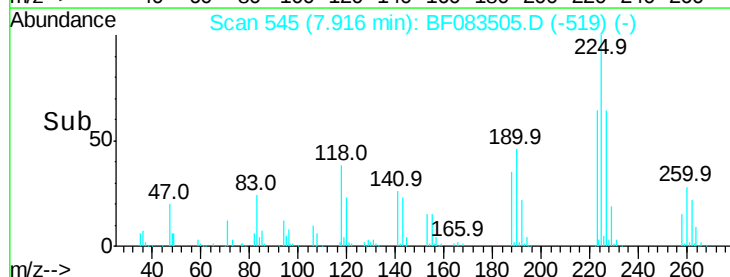


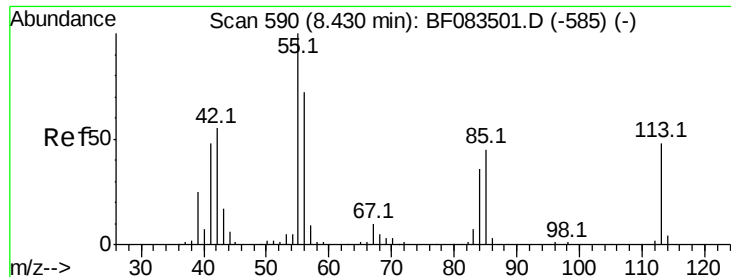
#34
 Hexachlorobutadiene
 Concen: 40.63 ng
 RT: 7.92 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
200735	225	100			
	223	63.7		52.3	78.5
	227	63.6		50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.45 ng

RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

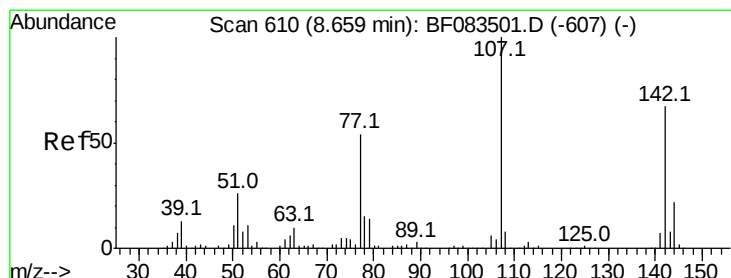
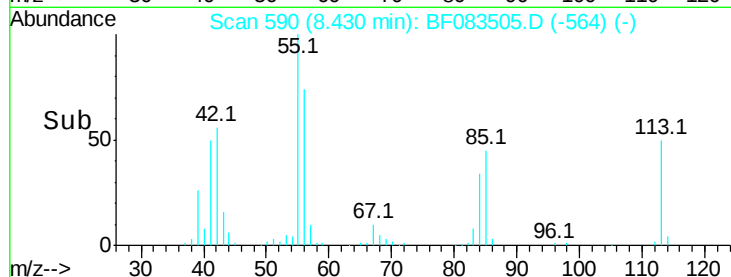
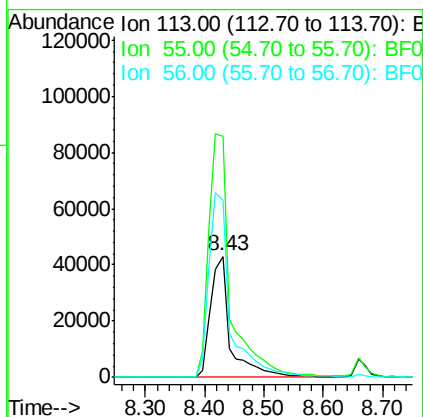
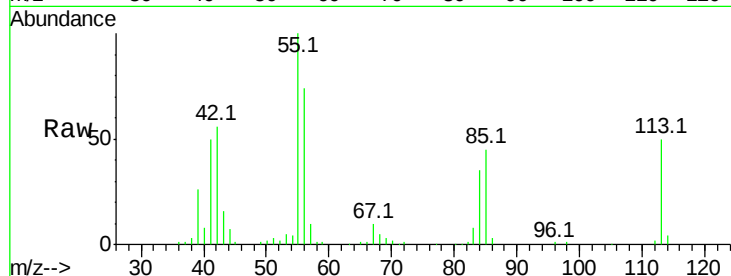
ClientSampleId :

ICVBF120415

Tot Ion	Ratio	Lower	Upper
113	100		
55	198.5	189.7	229.7
56	146.6	130.7	170.7

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#36

4-Chloro-3-methylphenol

Concen: 41.95 ng

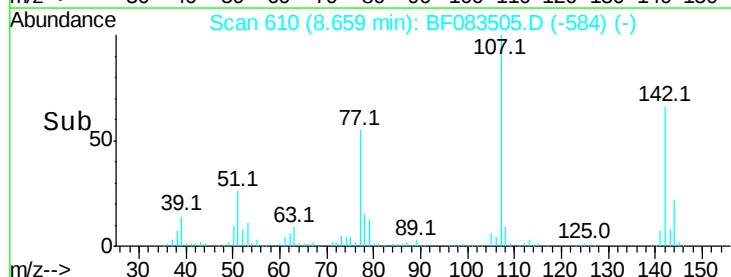
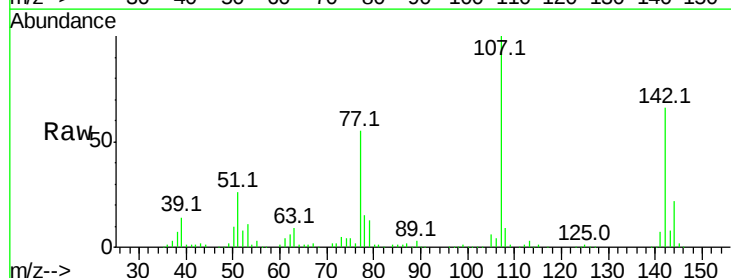
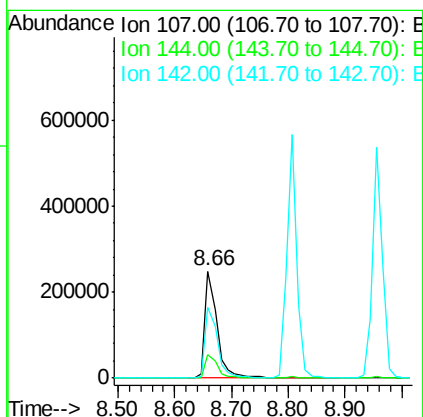
RT: 8.66 min Scan# 610

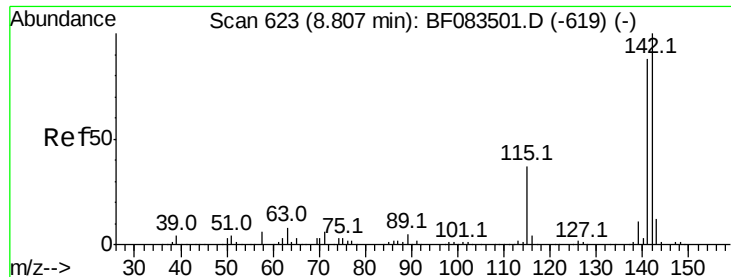
Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	17.5	26.3
142	65.9	53.6	80.4





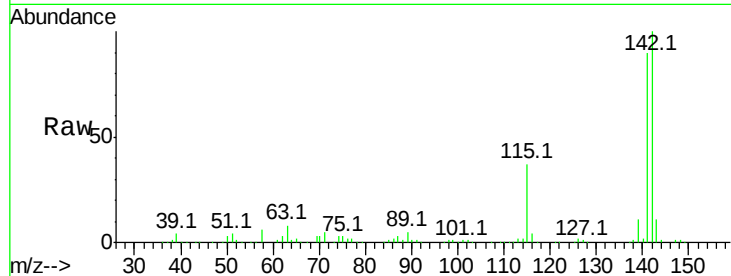
#37
2-Methylnaphthalene
Concen: 41.06 ng
RT: 8.81 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

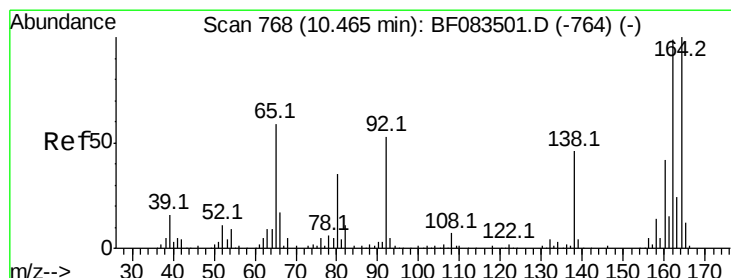
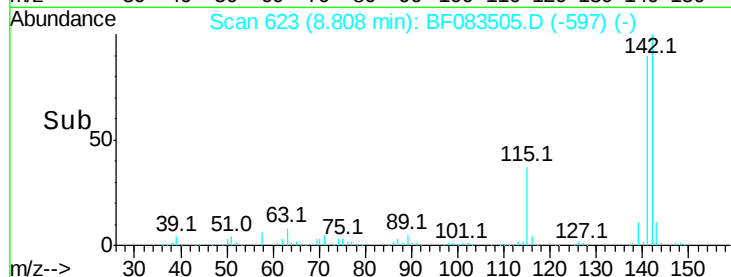
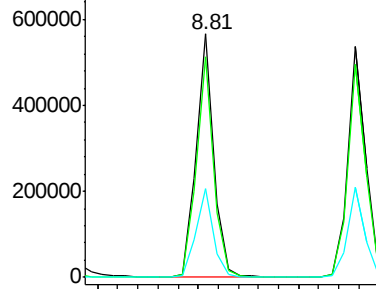
Tot Ion	Ratio	Resp	Lower	Upper
142	100	688967		
141	90.4		70.3	105.5
115	36.6		29.2	43.8

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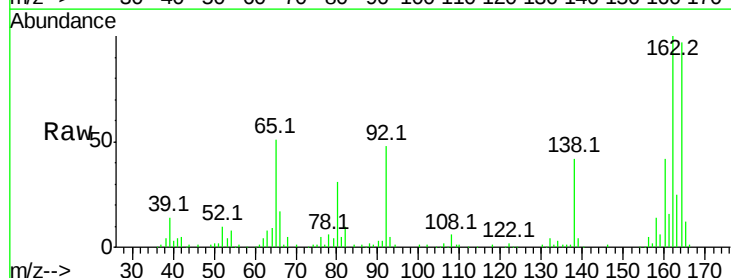


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

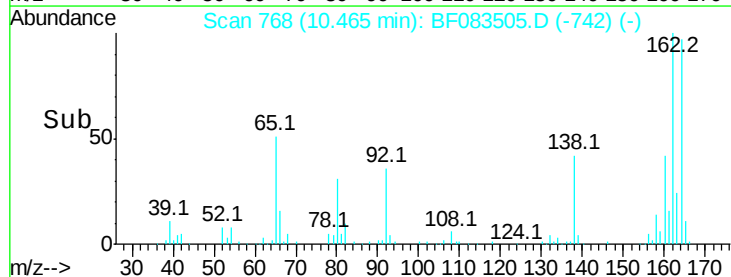
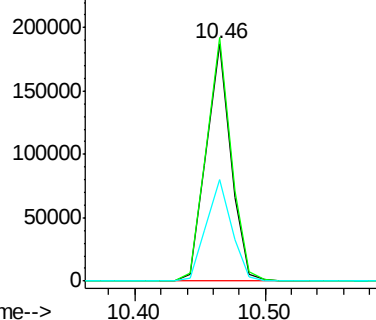


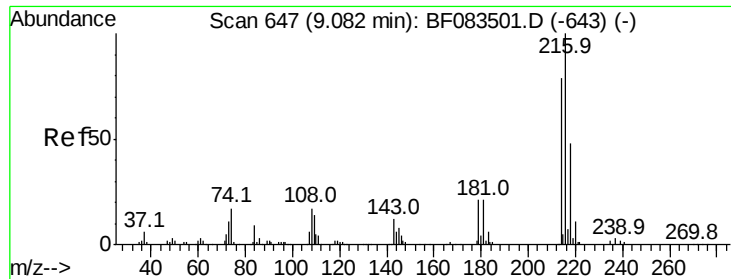
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244137		
162	102.6		78.8	118.2
160	43.0		33.4	50.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.84 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

ClientSampleId :

ICVBF120415

Tot Ion	Ratio	Resp Lower	Upper
216	100		

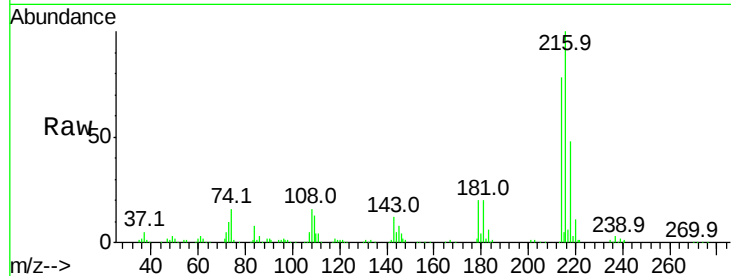
214	79.4	0.0	0.0#
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179	21.0	0.0	0.0#
-----	------	-----	------

108	19.7	0.0	0.0#
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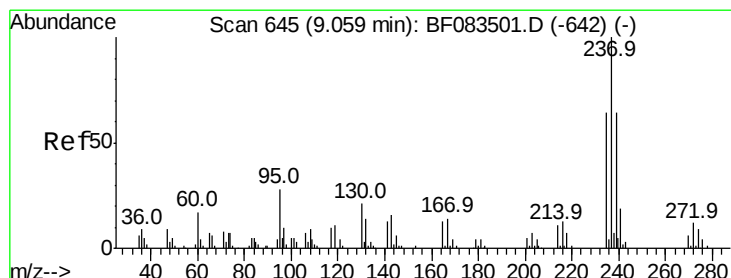
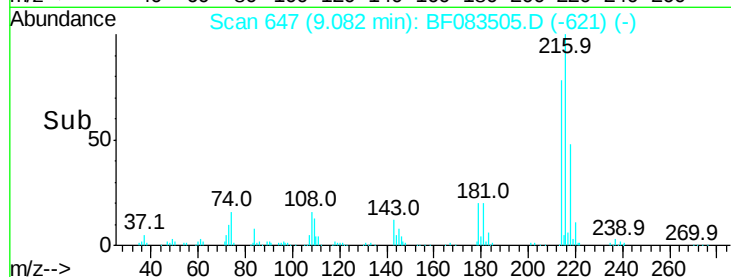
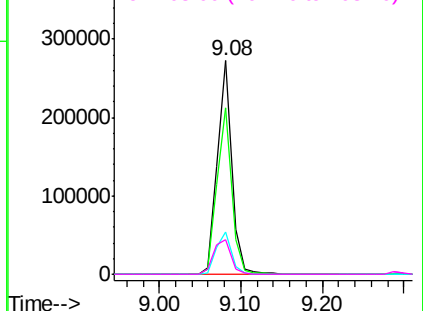
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.34 ng

RT: 9.06 min Scan# 645

Delta R.T. 0.00 min

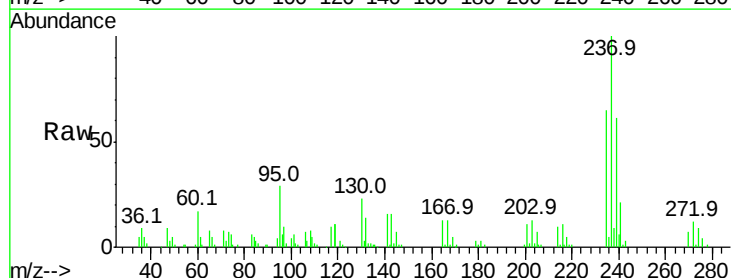
Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp Lower	Upper
237	100		

235	65.2	43.9	83.9
-----	------	------	------

272	11.7	0.0	31.8
-----	------	-----	------

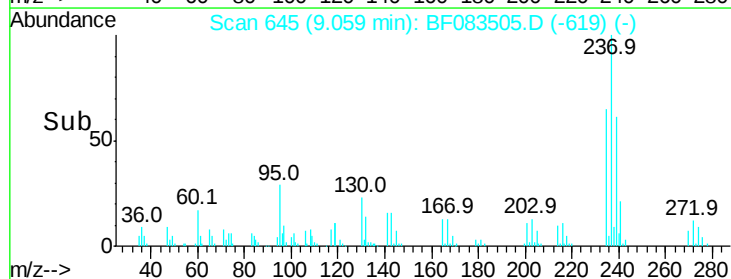
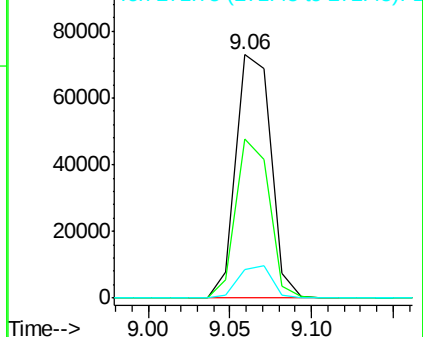


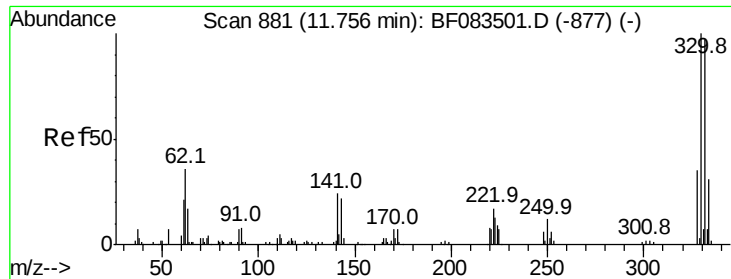
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





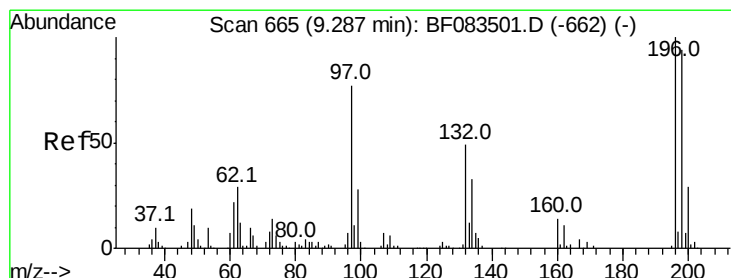
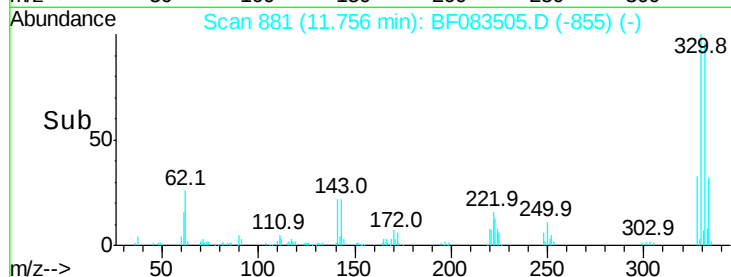
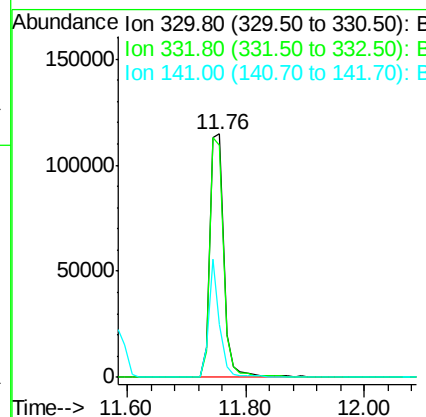
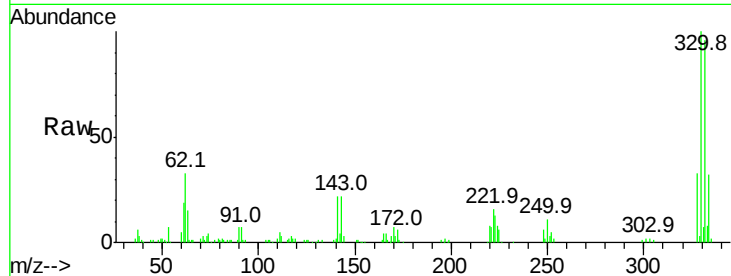
#41
 2,4,6-Tribromophenol
 Concen: 85.09 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	37.4	0.0	0.0#

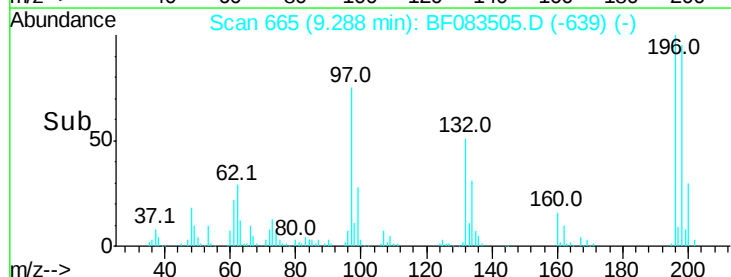
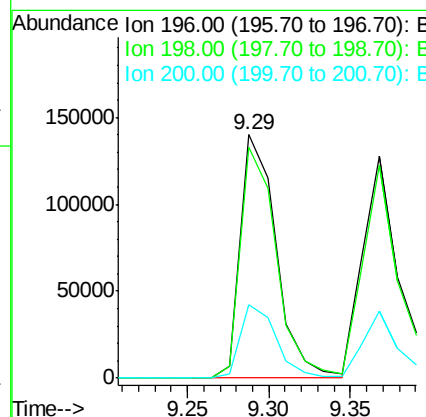
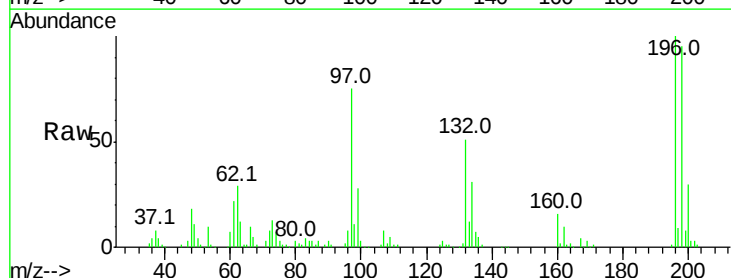
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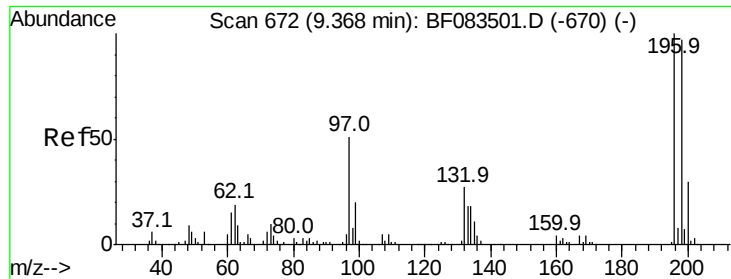
Mmdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 42.12 ng
 RT: 9.29 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.7	75.2	112.8
200	30.3	23.0	34.6





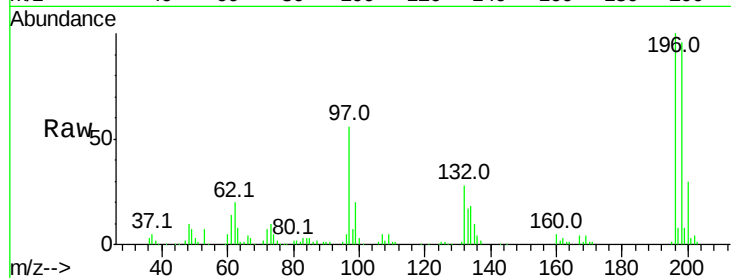
#43
 2,4,5-Trichlorophenol
 Concen: 41.80 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

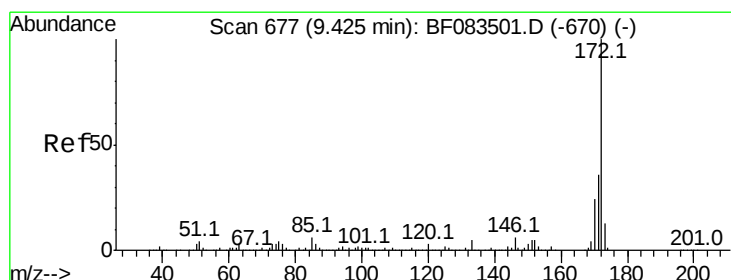
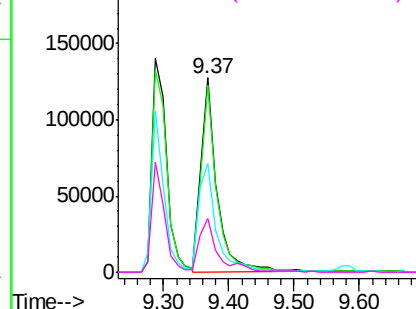
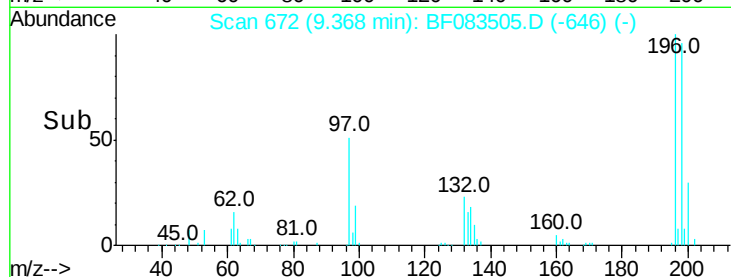
Tot Ion:	196	Resp:	216992
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.7	116.5
97	55.7	41.2	61.8
132	27.9	21.8	32.8

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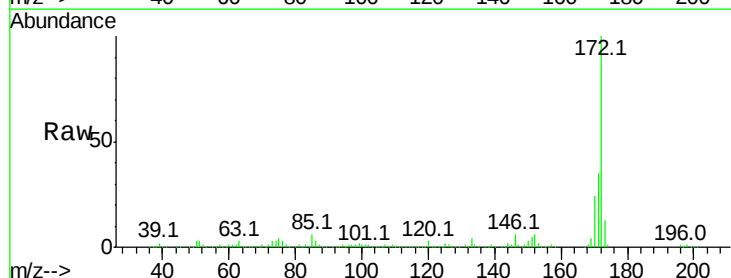


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

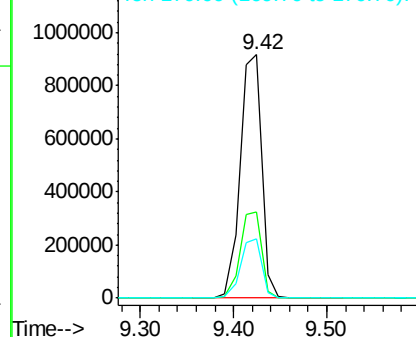
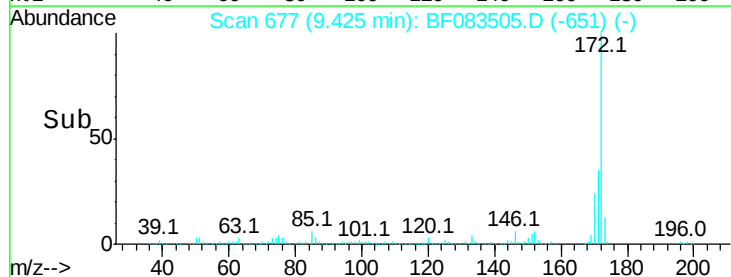


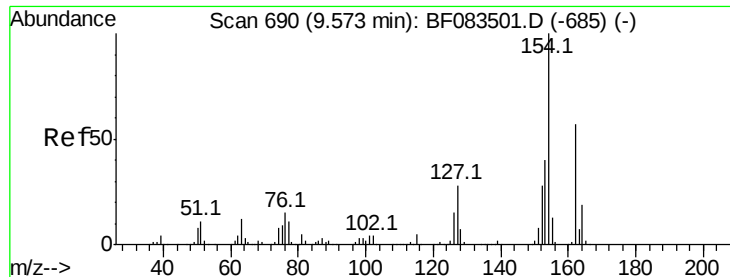
#44
 2-Fluorobiphenyl
 Concen: 82.10 ng
 RT: 9.42 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion:	172	Resp:	1477769
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	42.8
170	24.3	19.4	29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.43 ng

RT: 9.57 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

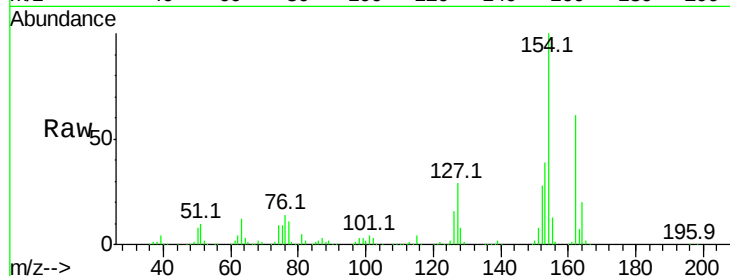
ClientSampleId :

ICVBF120415

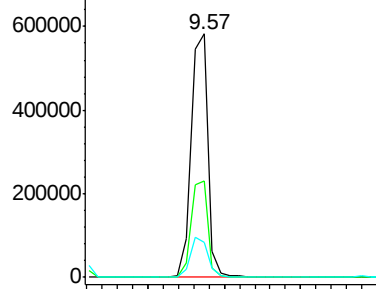
Tot Ion:	154	Resp:	898747
Ion Ratio	Lower	Upper	
154	100		
153	39.5	20.2	60.2
76	14.3	0.0	34.8

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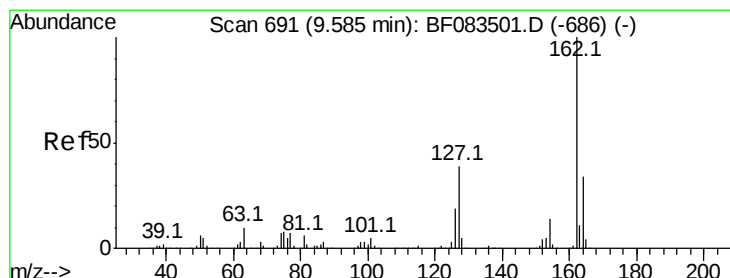
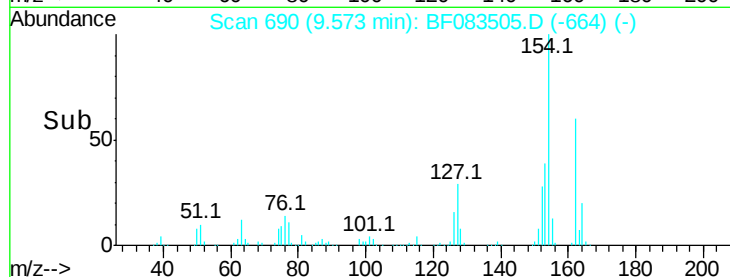
Mmdadoda
12/7/2015 6:30:51 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 41.82 ng

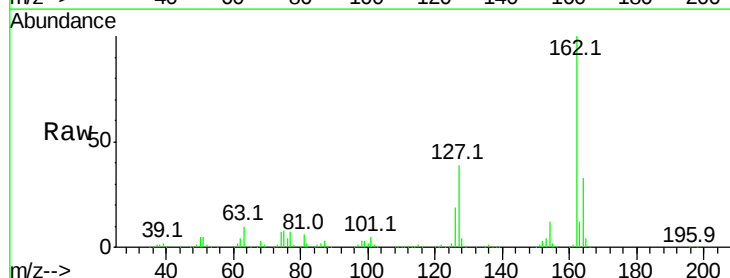
RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

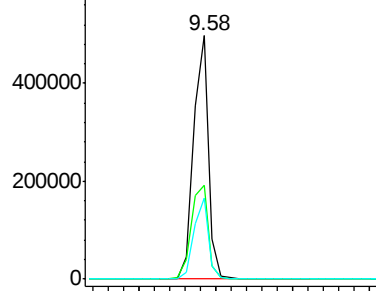
Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

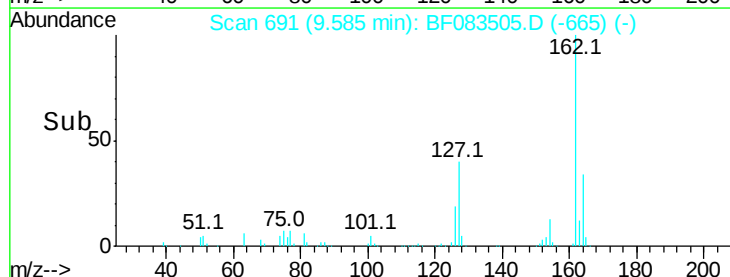
Tgt Ion:	162	Resp:	683759
Ion Ratio	Lower	Upper	
162	100		
127	38.7	31.0	46.4
164	33.4	27.4	41.0

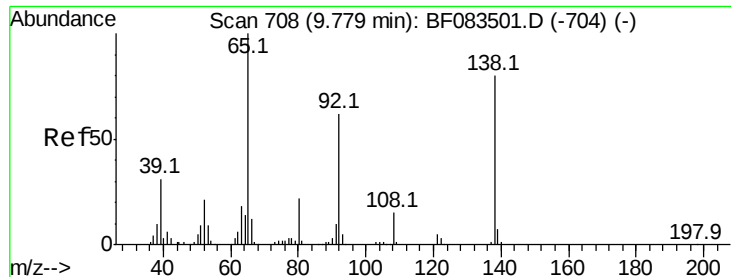


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





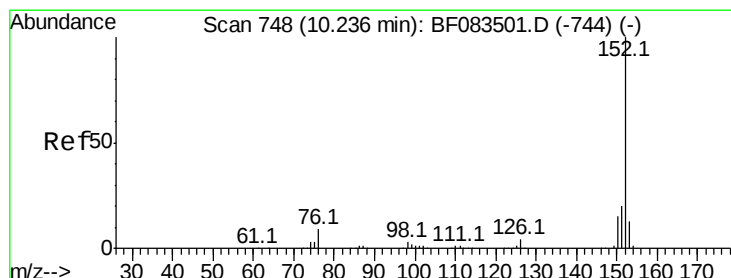
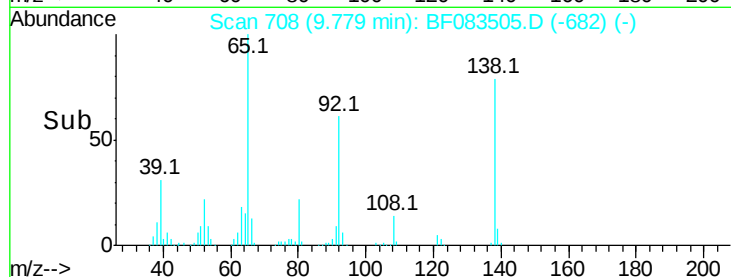
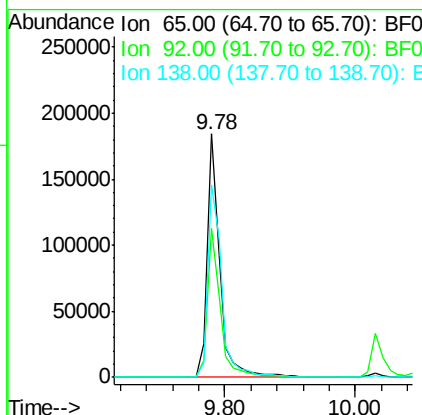
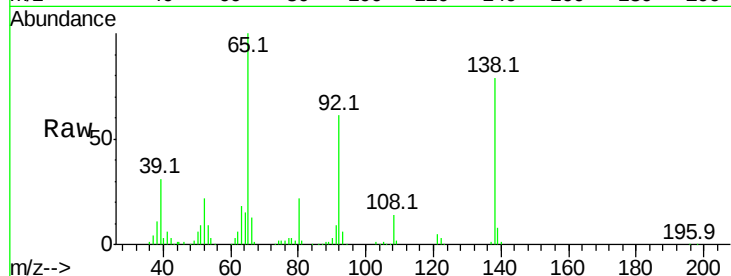
#47
2-Nitroaniline
Concen: 42.48 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.0	49.6	74.4
138	79.0	64.1	96.1

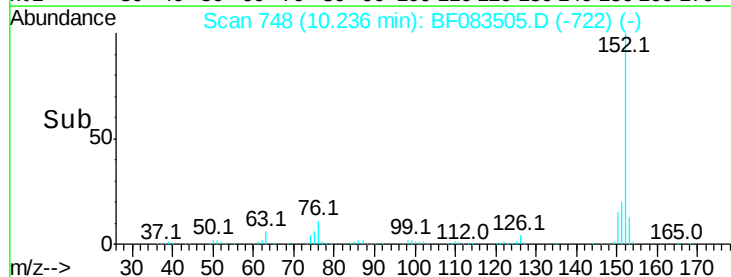
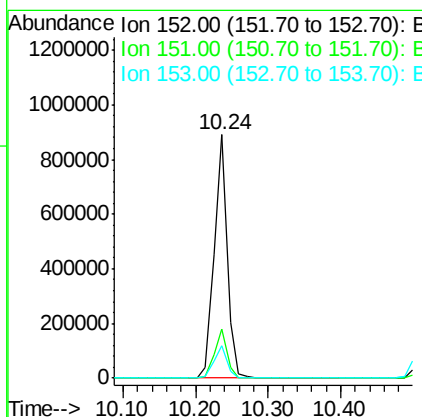
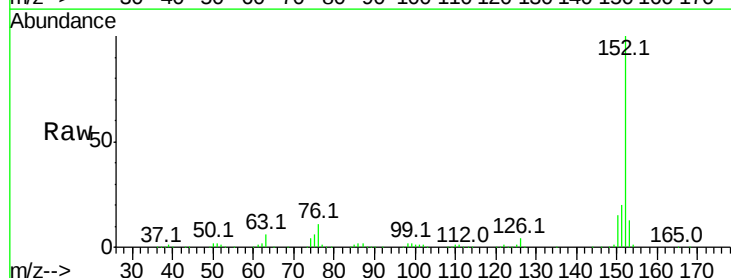
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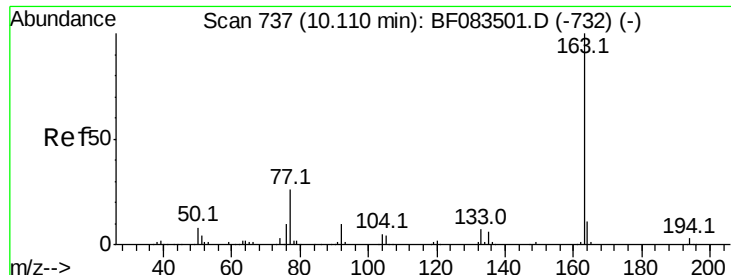
Mmdadoda
12/7/2015 6:30:51 PM



#48
Acenaphthylene
Concen: 41.45 ng
RT: 10.24 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.3	10.8	16.2





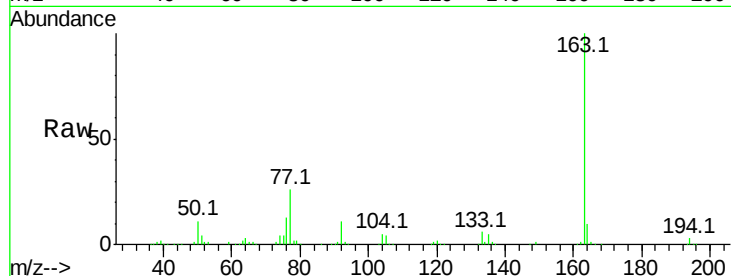
#49
Dimethylphthalate
Concen: 40.99 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

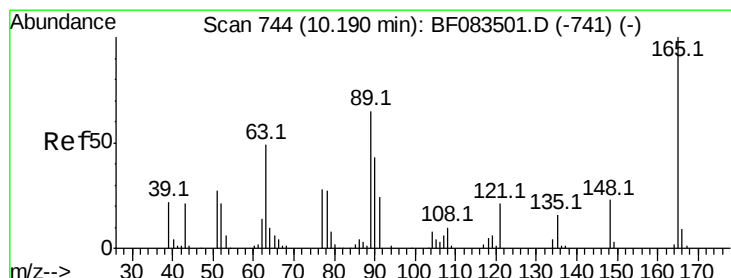
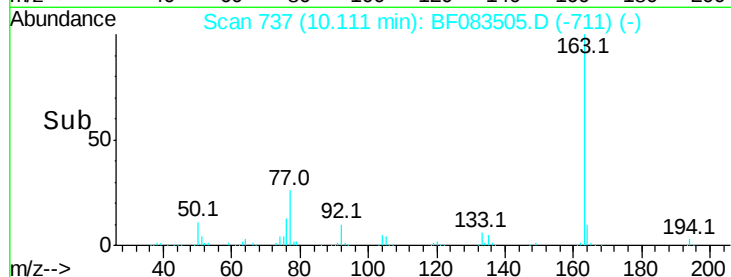
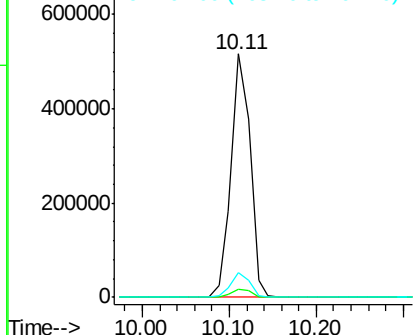
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.8	4.2	
164	10.4	8.6	13.0	

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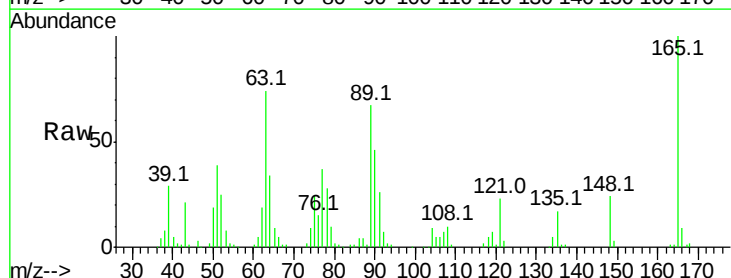


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

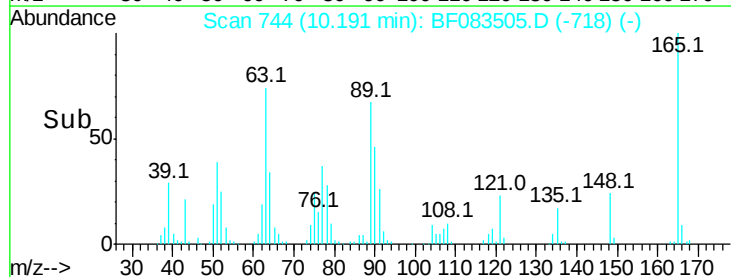
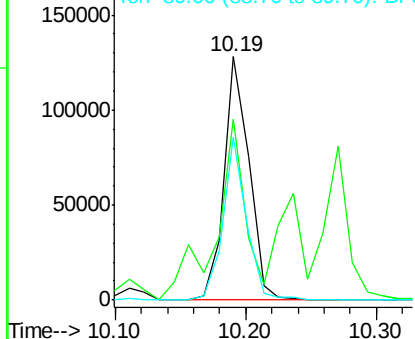


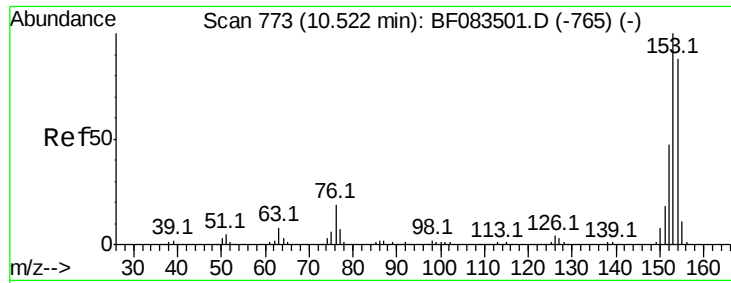
#50
2,6-Dinitrotoluene
Concen: 41.88 ng
RT: 10.19 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.5	56.9	85.3	
89	66.7	52.1	78.1	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.49 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

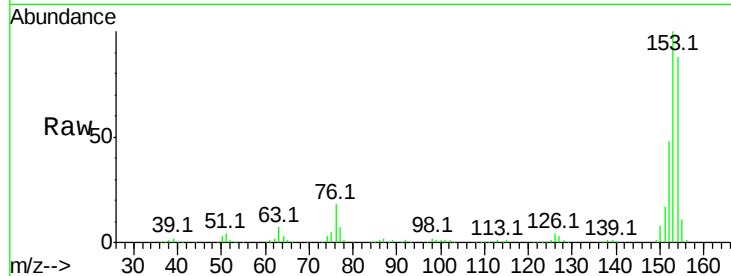
ClientSampleId :

ICVBF120415

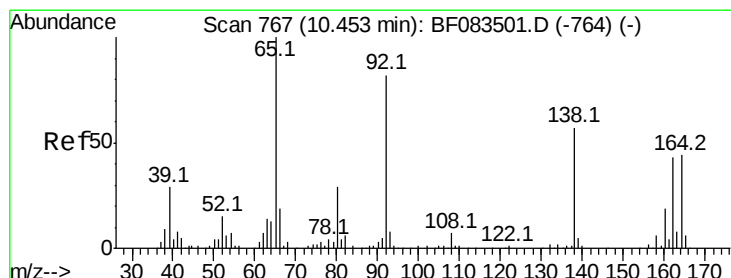
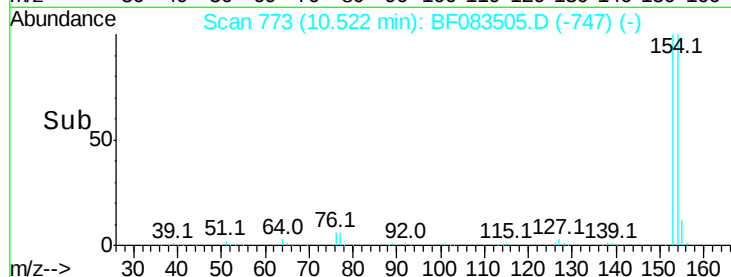
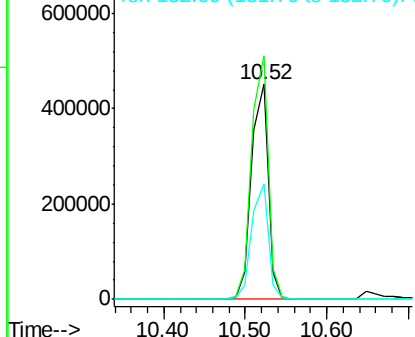
Tot Ion:	154	Resp:	639144
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.4	137.0
152	53.8	43.4	65.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.96 ng

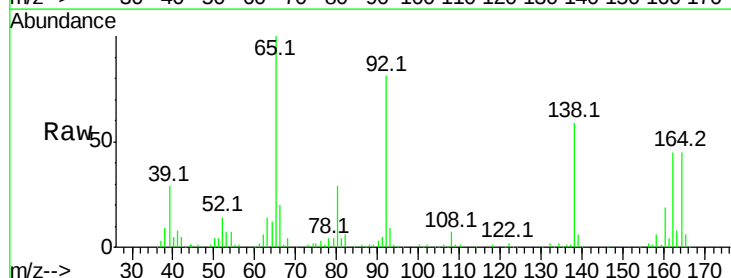
RT: 10.45 min Scan# 767

Delta R.T. 0.00 min

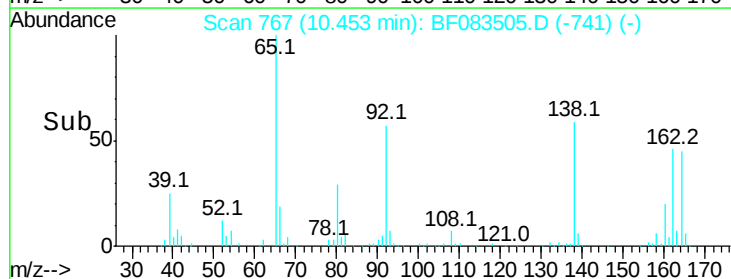
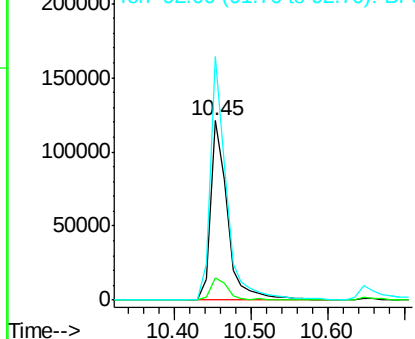
Lab File: BF083505.D

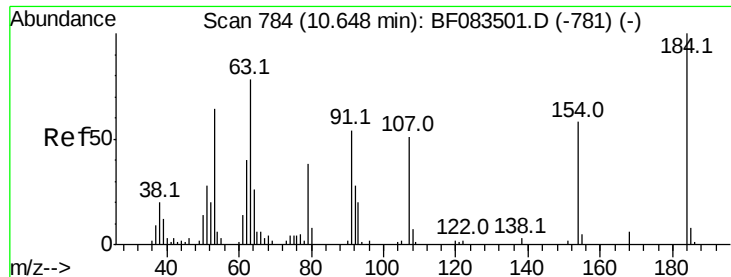
Acq: 5 Dec 2015 2:54

Tgt Ion:	138	Resp:	183032
Ion Ratio	Lower	Upper	
138	100		
108	12.2	9.9	14.9
92	136.0	113.8	170.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





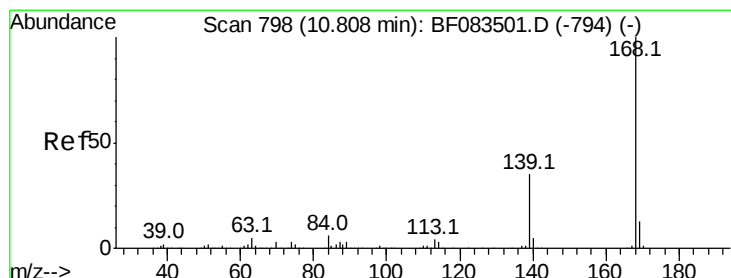
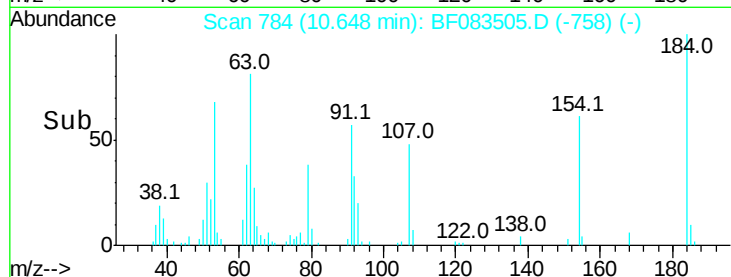
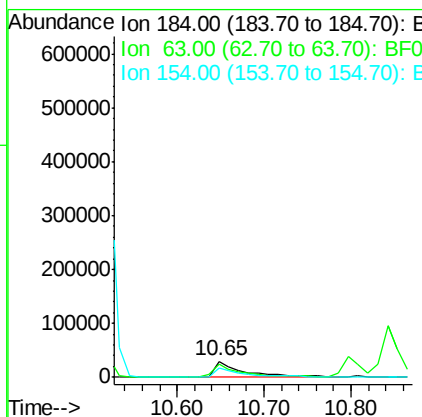
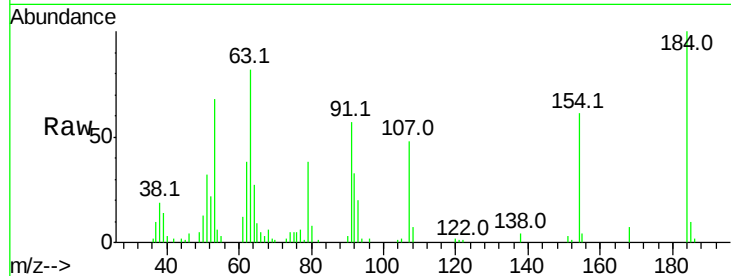
#53
 2,4-Dinitrophenol
 Concen: 38.37 ng
 RT: 10.65 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Resp	Lower	Upper
184	100	70873		
63	82.3		62.4	93.6
154	61.2		46.6	69.8

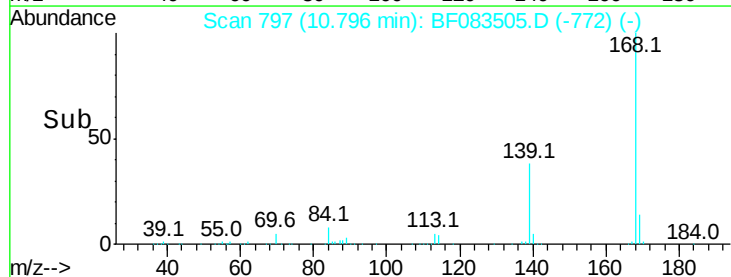
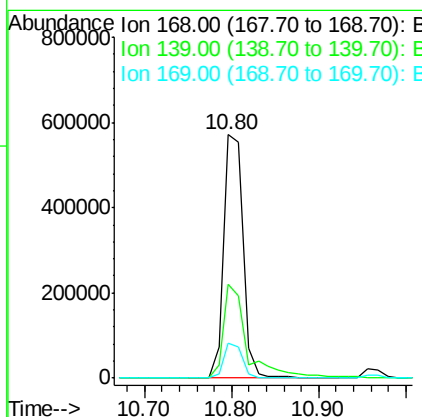
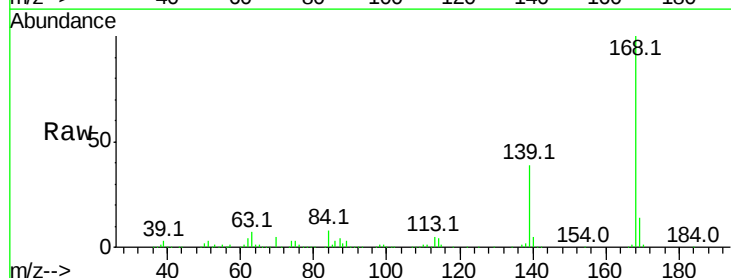
Manual Integrations
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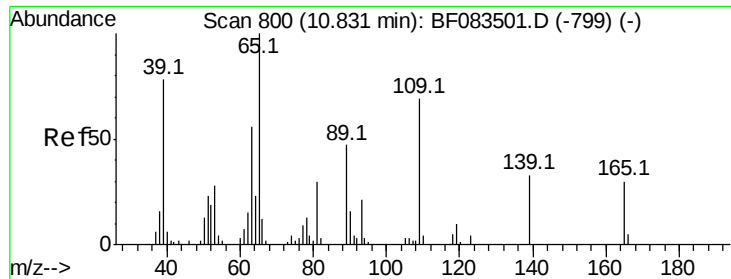
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#54
 Dibenzofuran
 Concen: 41.56 ng
 RT: 10.80 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	887047		
139	38.7		28.0	42.0
169	14.4		10.8	16.2





#55

4-Nitrophenol

Concen: 40.09 ng/mL

RT: 10.83 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

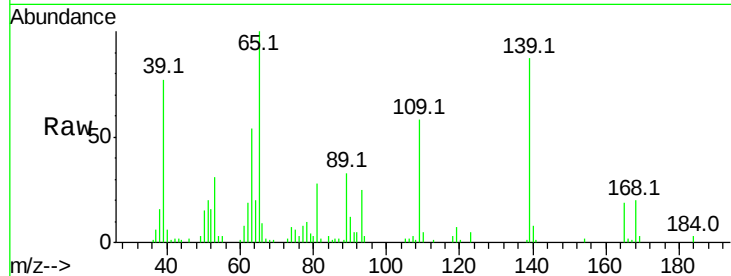
ClientSampleId :

ICVBF120415

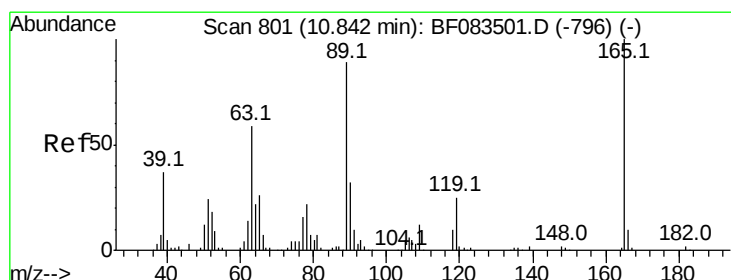
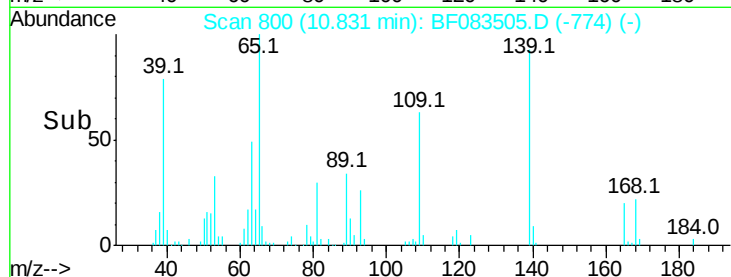
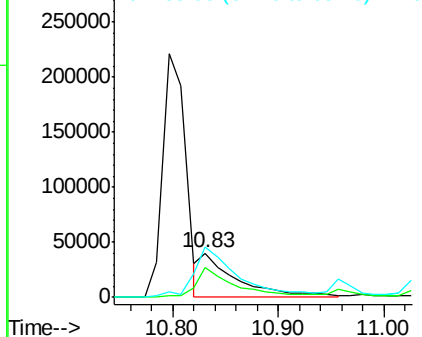
Tot Ion:	139	Resp:	98509
Ion Ratio	Lower	Upper	
139	100		
109	67.2	42.0	82.0
65	115.2	89.2	129.2

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.33 ng/mL

RT: 10.84 min Scan# 801

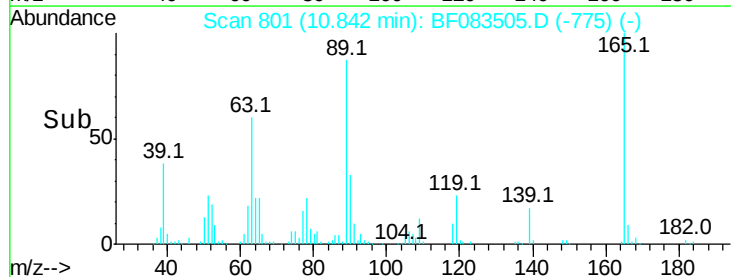
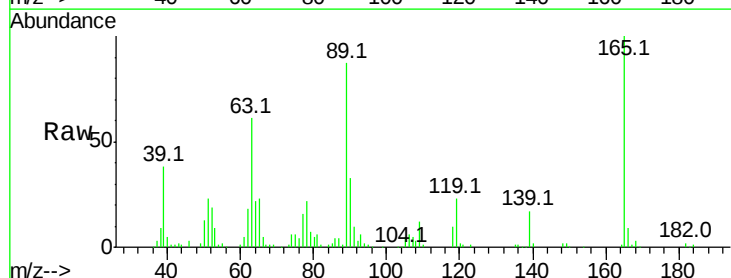
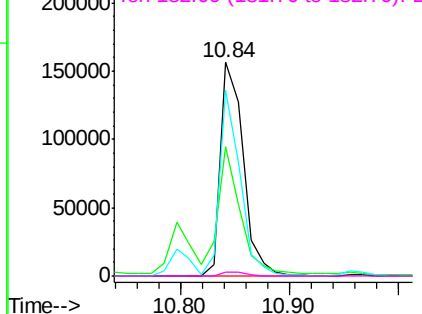
Delta R.T. 0.00 min

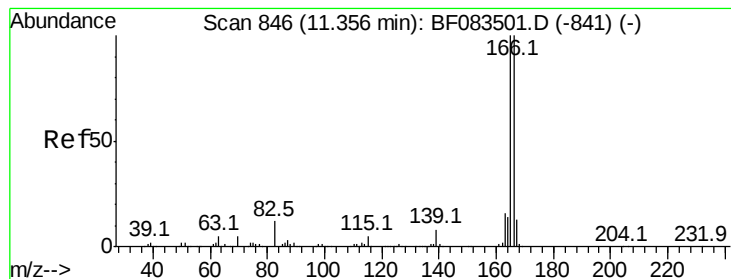
Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion:	165	Resp:	228967
Ion Ratio	Lower	Upper	
165	100		
63	60.8	51.4	77.2
89	87.1	72.6	108.8
182	1.9	1.4	2.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.67 ng

RT: 11.36 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

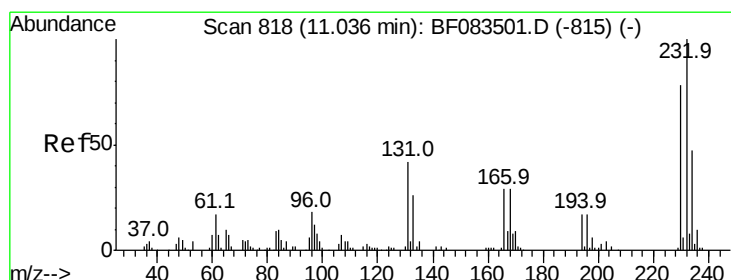
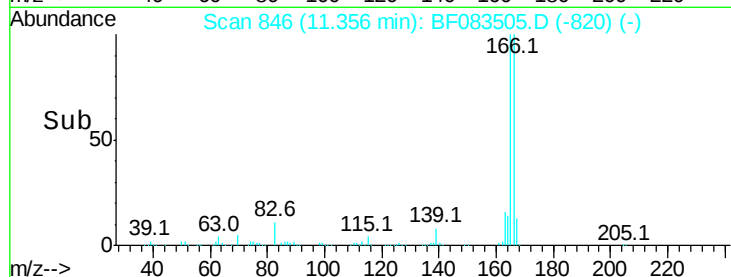
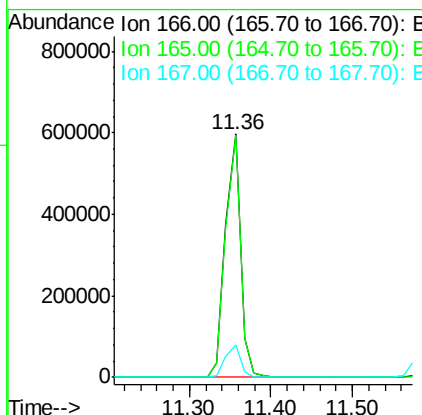
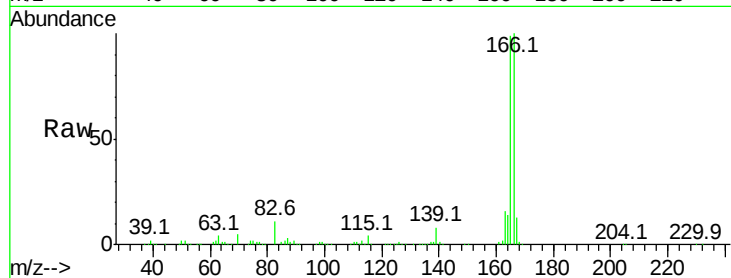
ClientSampleId :

ICVBF120415

Tot Ion:	166	Resp:	773746
Ion Ratio	Lower	Upper	
166	100		
165	99.3	80.0	120.0
167	13.2	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.42 ng

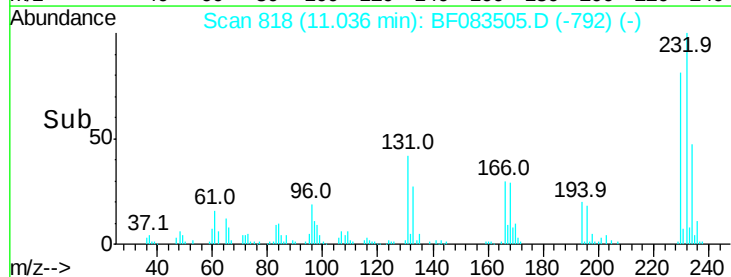
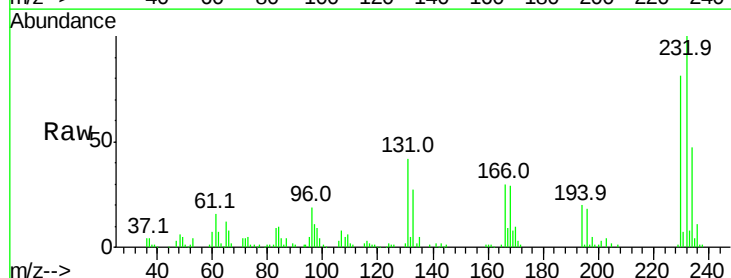
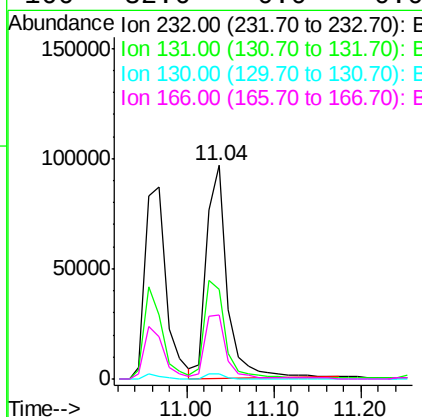
RT: 11.04 min Scan# 818

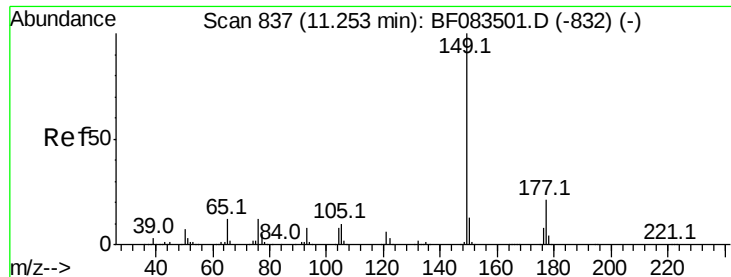
Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion:	232	Resp:	160847
Ion Ratio	Lower	Upper	
232	100		
131	49.2	0.0	0.0#
130	2.3	0.0	0.0#
166	32.6	0.0	0.0#





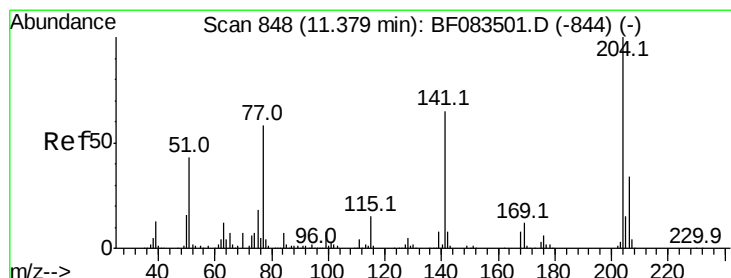
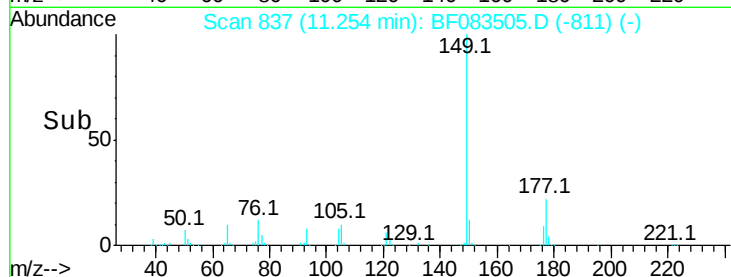
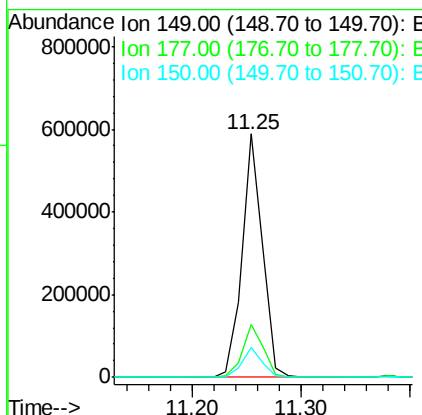
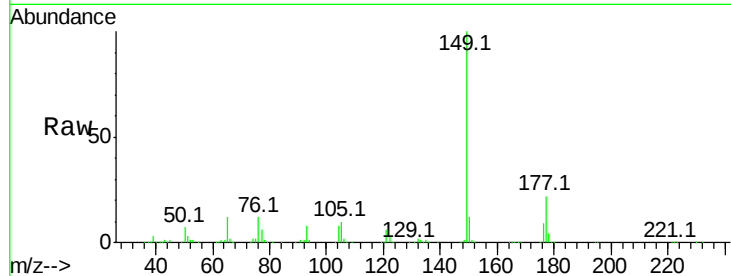
#59
 Diethylphthalate
 Concen: 40.85 ng
 RT: 11.25 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion:	149	Resp:	755416
Ion Ratio	Lower	Upper	
149	100		
177	21.7	16.9	25.3
150	12.4	10.2	15.4

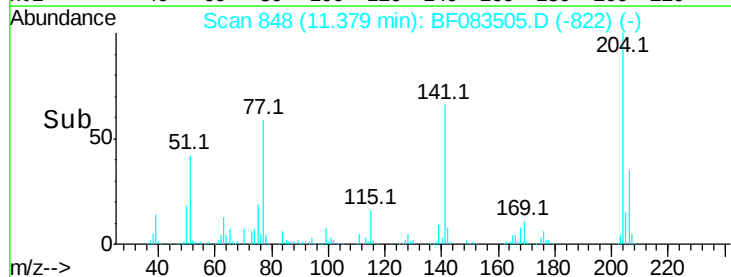
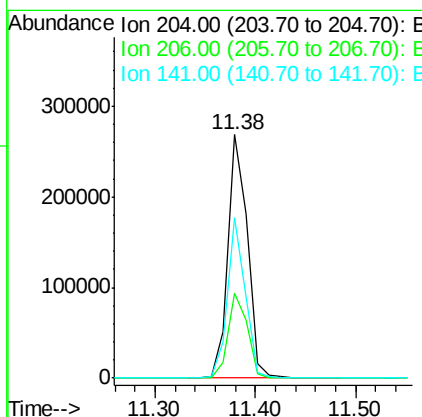
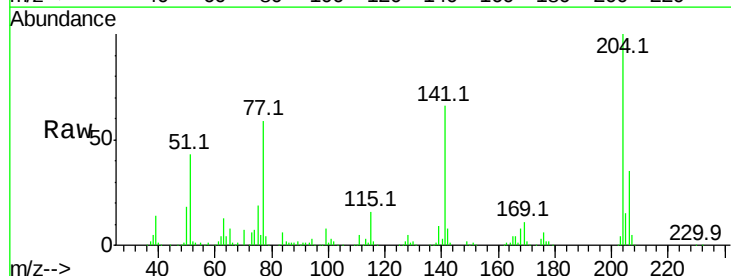
Manual Integrations
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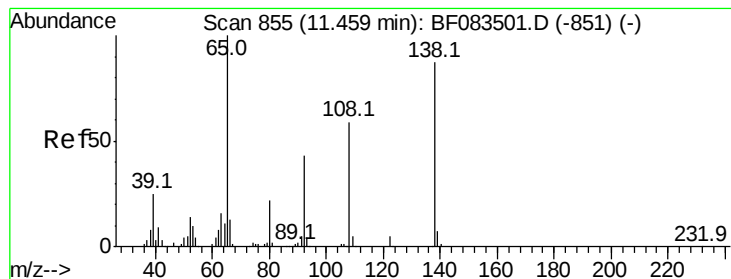
Mmdadoda
 12/7/2015 6:30:51 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 40.42 ng
 RT: 11.38 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion:	204	Resp:	359640
Ion Ratio	Lower	Upper	
204	100		
206	35.1	27.3	40.9
141	65.8	51.9	77.9





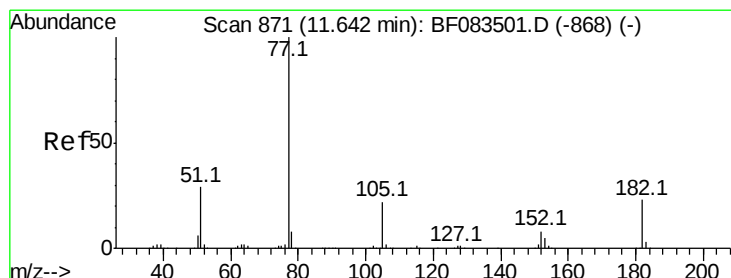
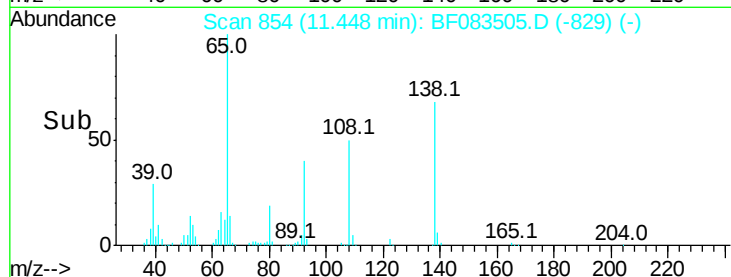
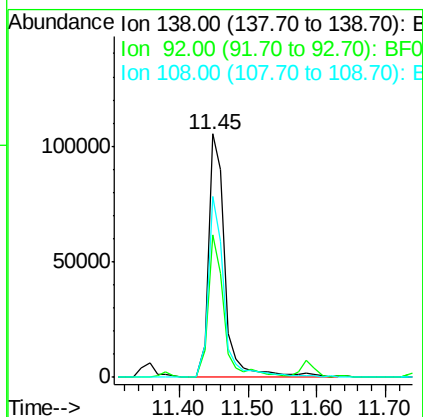
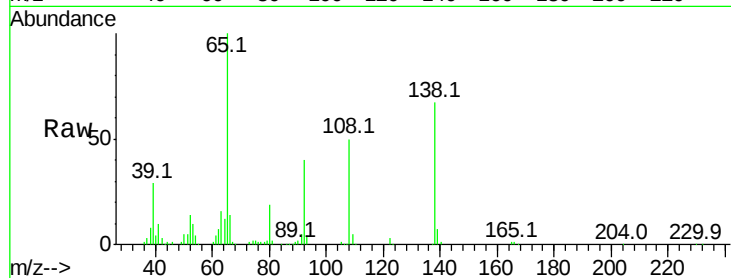
#61
4-Nitroaniline
Concen: 44.75 ng
RT: 11.45 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.7	29.0	69.0
108	74.2	47.4	87.4

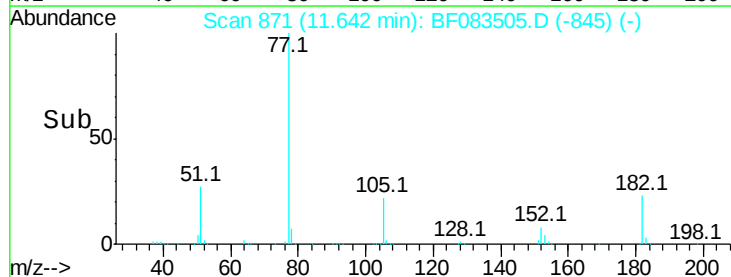
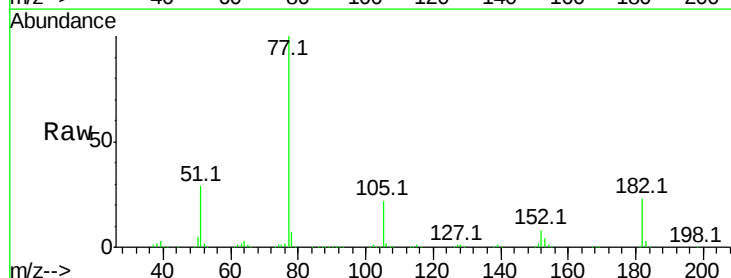
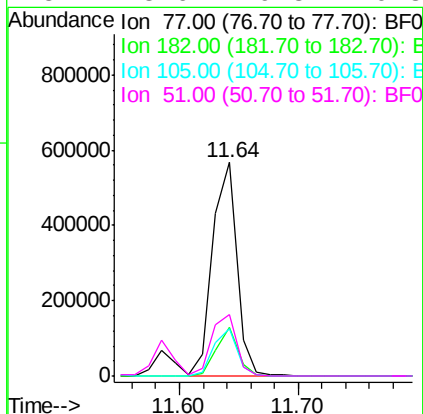
Manual Integrations
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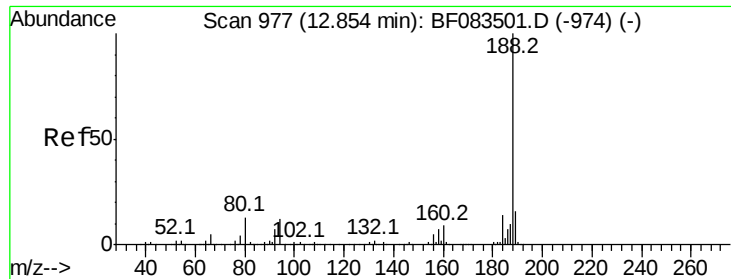
Mmdadoda
12/7/2015 6:30:51 PM



#62
Azobenzene
Concen: 40.40 ng
RT: 11.64 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	2.5	42.5
105	22.2	2.1	42.1
51	28.6	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.85 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

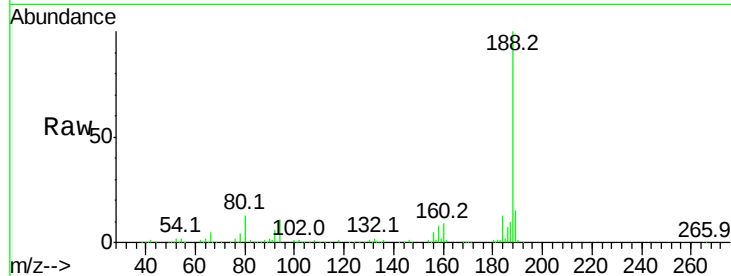
ClientSampleId :

ICVBF120415

Tot Ion:188	Resp:	460640
Ion Ratio	Lower	Upper
188 100		
94 11.2	9.4	14.2
80 13.1	10.6	16.0

Manual Integrations
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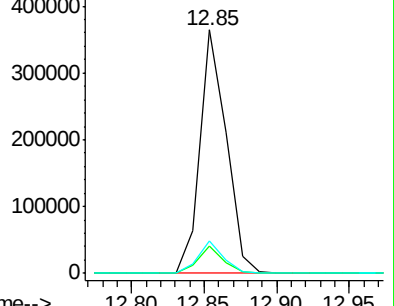
Mmdadoda
12/7/2015 6:30:51 PM



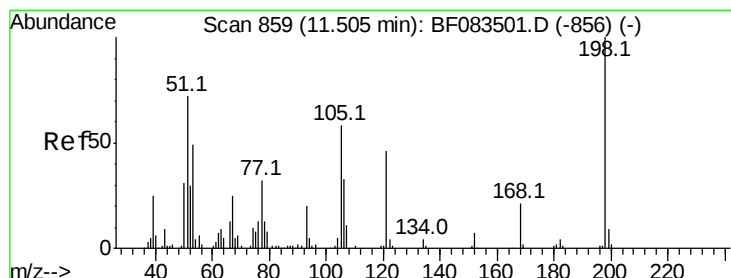
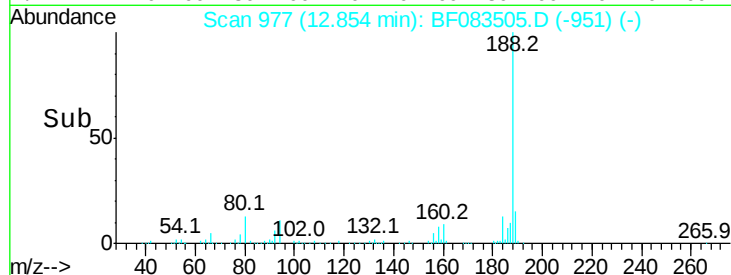
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.38 ng

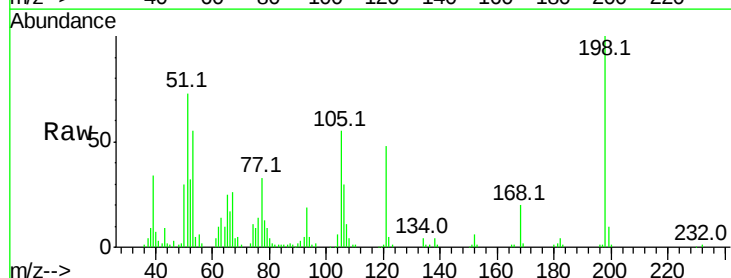
RT: 11.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

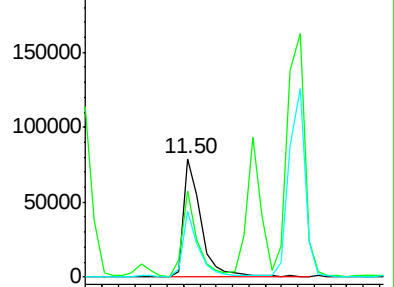
Tgt Ion:198	Resp:	120325
Ion Ratio	Lower	Upper
198 100		
51 72.9	53.8	93.8
105 55.4	38.6	78.6



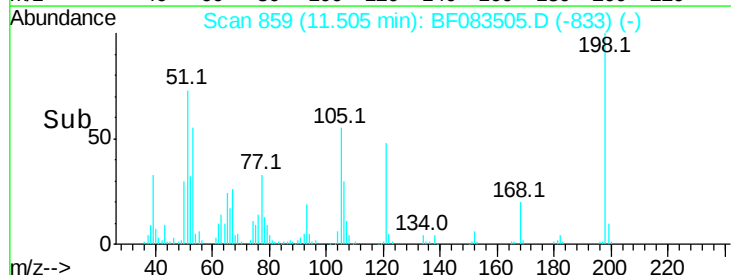
Abundance Ion 198.00 (197.70 to 198.70): E

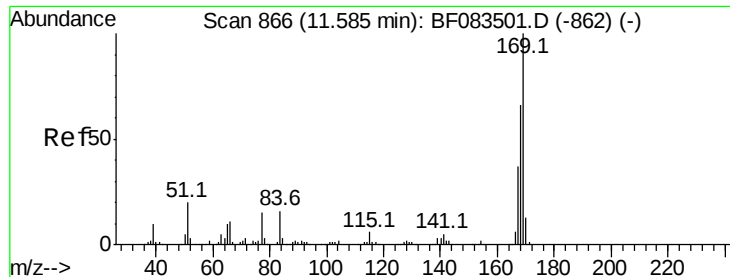
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





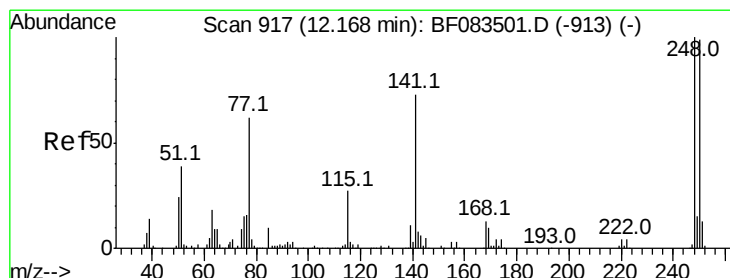
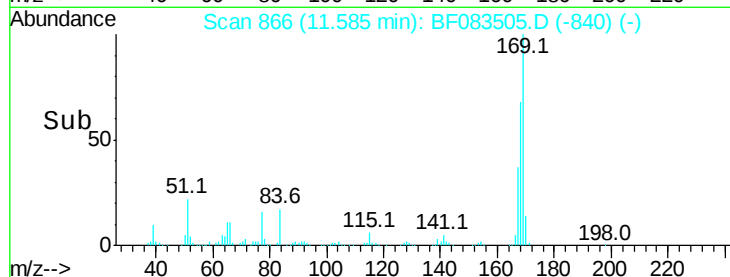
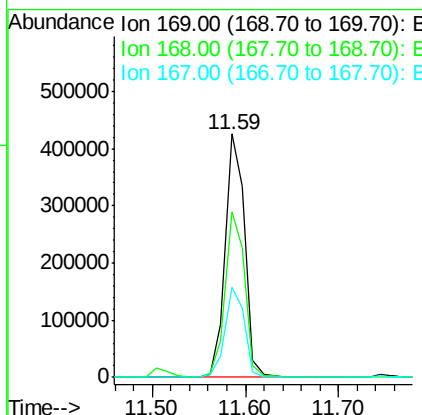
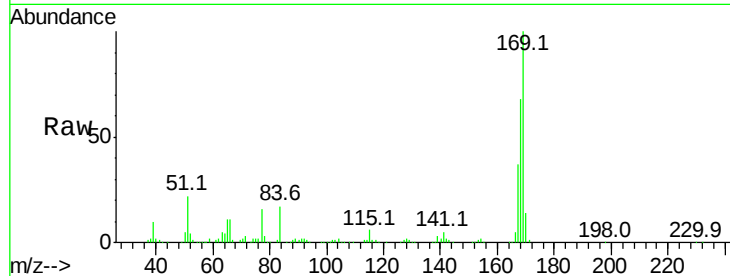
#65
n-Nitrosodiphenylamine
Concen: 40.45 ng
RT: 11.59 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Resp	Lower	Upper
169	100	616820		
168	68.0	53.0	79.6	
167	36.9	29.3	43.9	

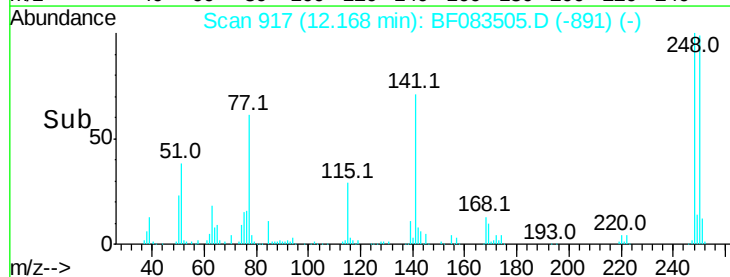
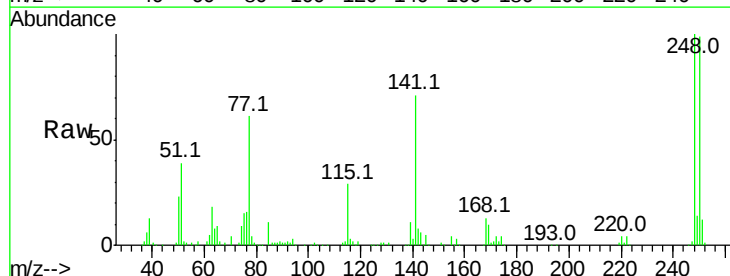
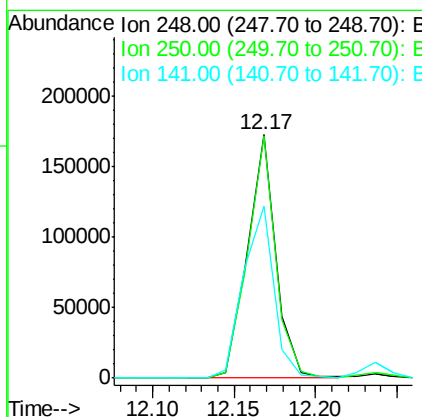
Manual Integrations
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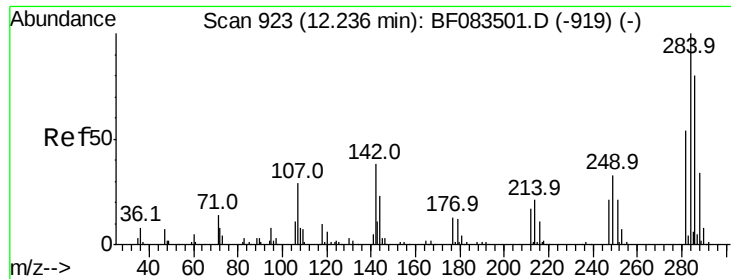
Mmdadoda
12/7/2015 6:30:51 PM



#66
4-Bromophenyl-phenylether
Concen: 41.32 ng
RT: 12.17 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	208005		
250	99.3	79.2	118.8	
141	70.7	58.2	87.4	





#67

Hexachlorobenzene

Concen: 41.11 ng

RT: 12.24 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

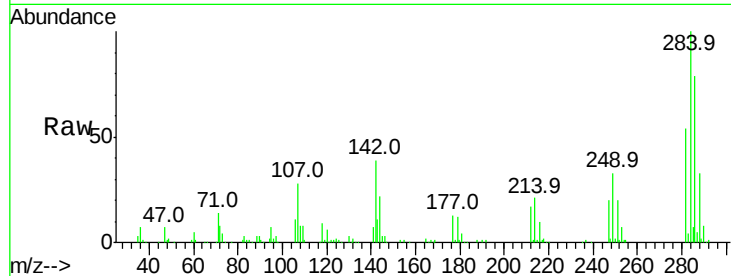
ClientSampleId :

ICVBF120415

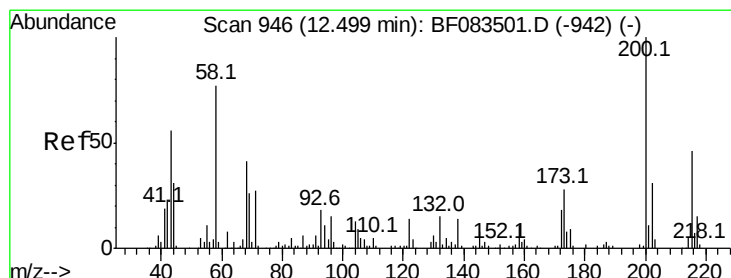
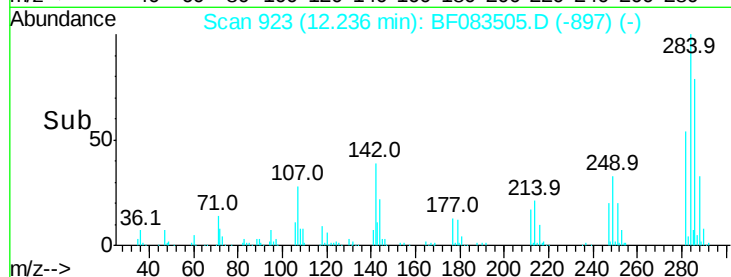
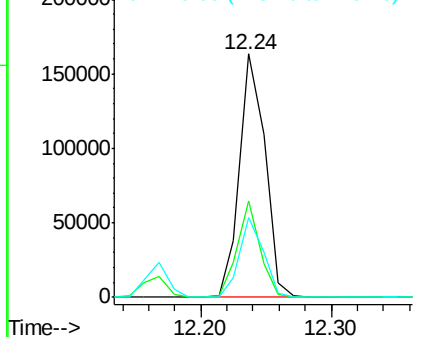
Tot Ion:	284	Resp:	221189
Ion Ratio		Lower	Upper
284	100		
142	39.5	31.0	46.4
249	32.5	26.9	40.3

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.25 ng

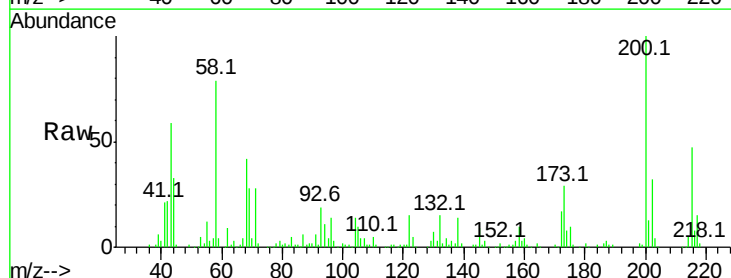
RT: 12.50 min Scan# 946

Delta R.T. 0.00 min

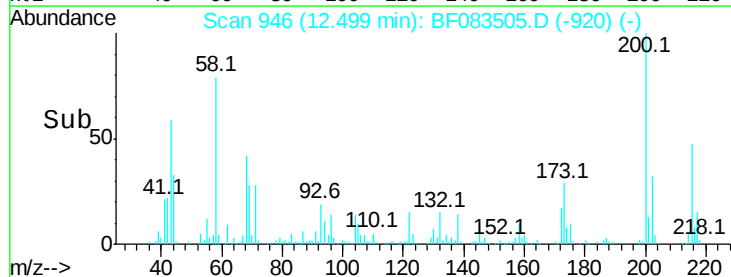
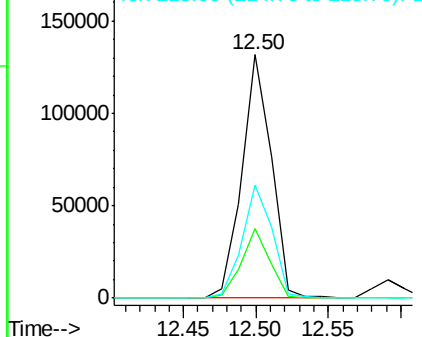
Lab File: BF083505.D

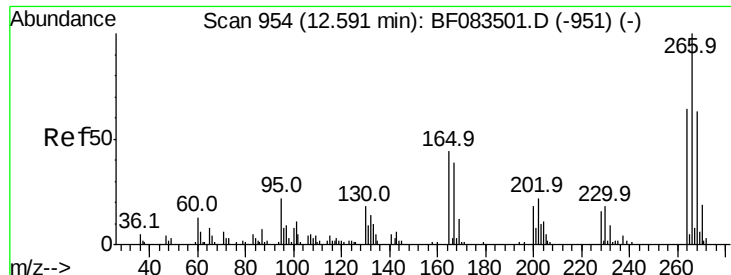
Acq: 5 Dec 2015 2:54

Tgt Ion:	200	Resp:	185610
Ion Ratio		Lower	Upper
200	100		
173	28.7	7.8	47.8
215	46.6	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





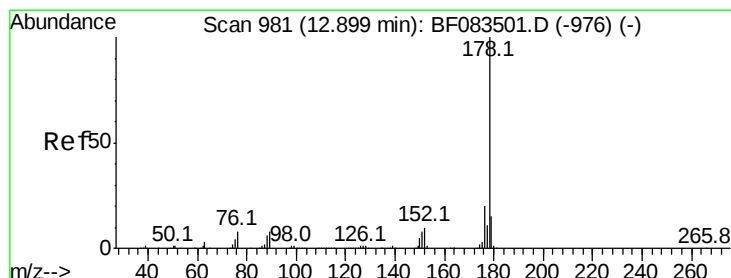
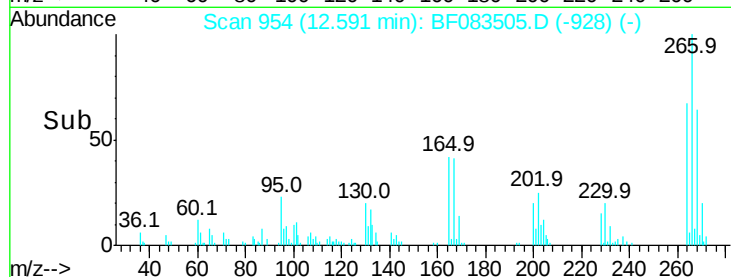
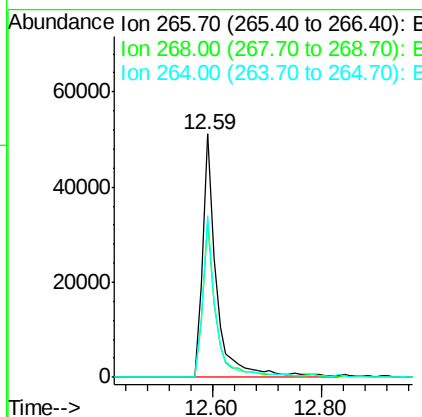
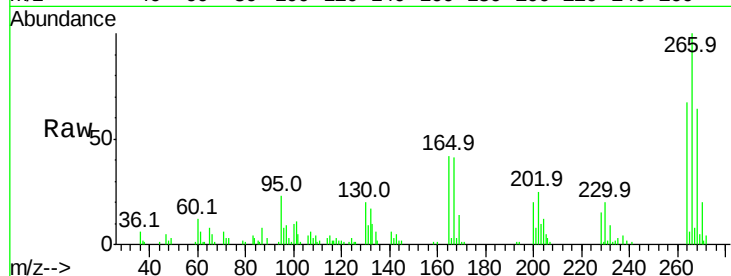
#69
 Pentachlorophenol
 Concen: 39.36 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.2	75.2
264	66.6	51.4	77.2

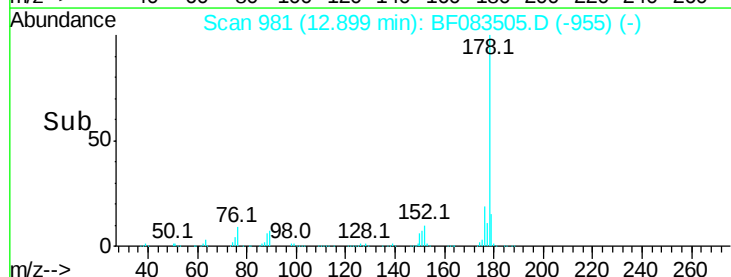
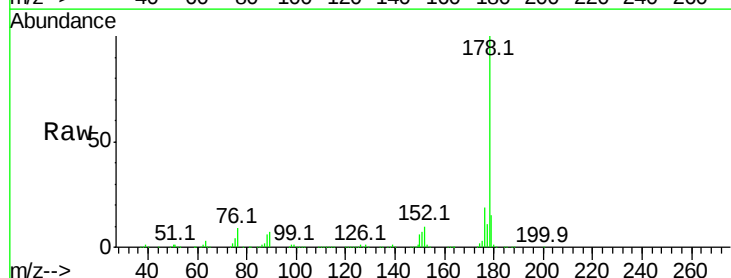
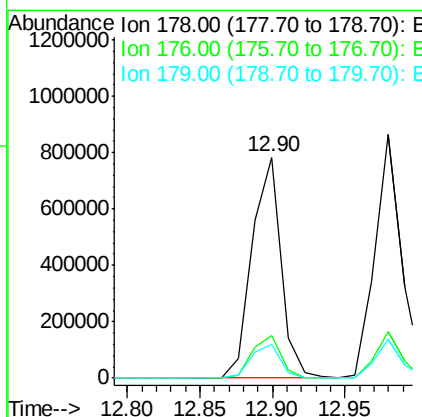
Manual Integrations
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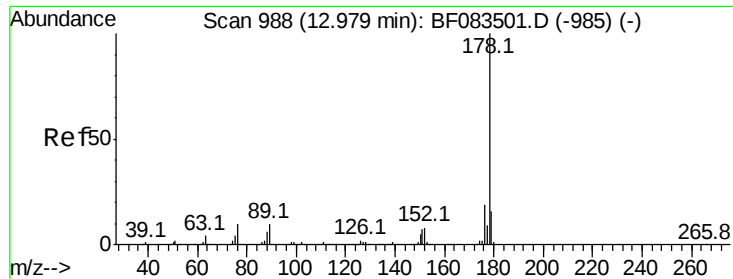
Mmdadoda
 12/7/2015 6:30:51 PM



#70
 Phenanthrene
 Concen: 40.50 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.1	12.2	18.4





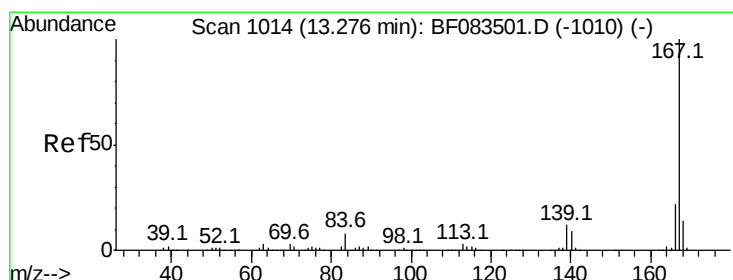
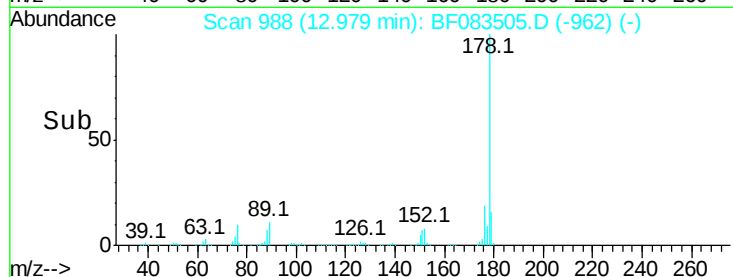
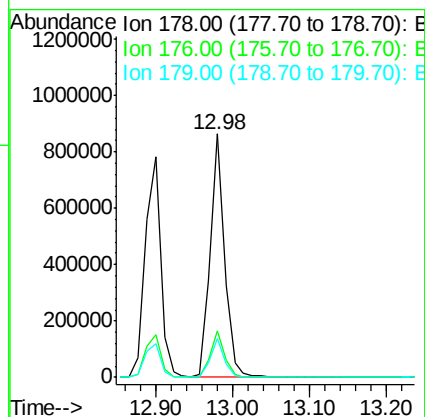
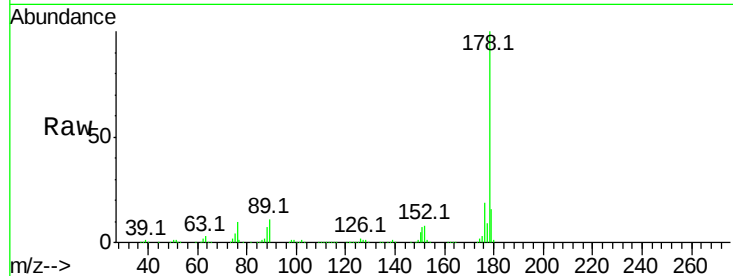
#71
 Anthracene
 Concen: 40.88 ng
 RT: 12.98 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion:178 Resp: 1117923
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.8 12.6 18.8

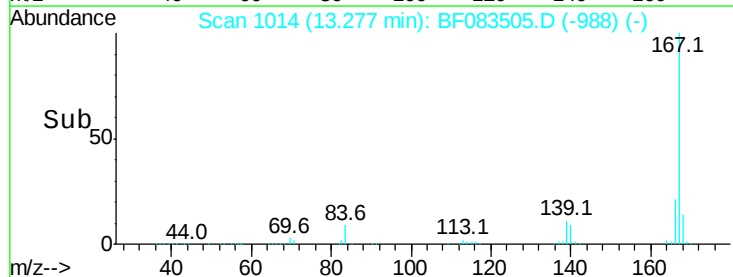
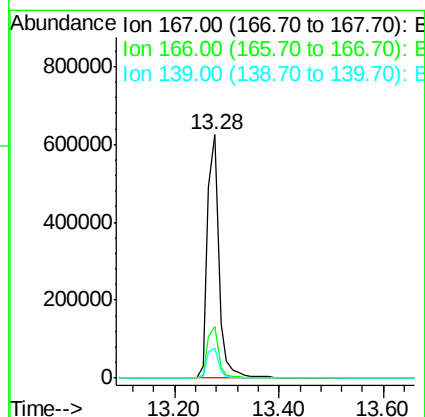
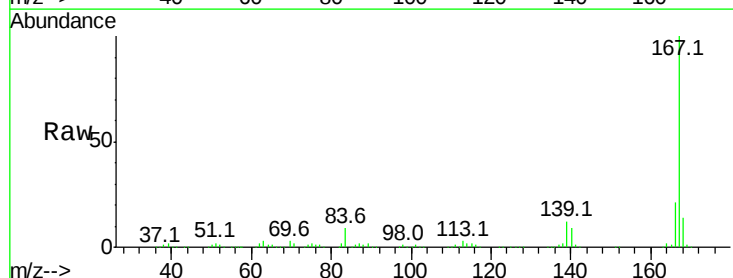
Manual Integrations
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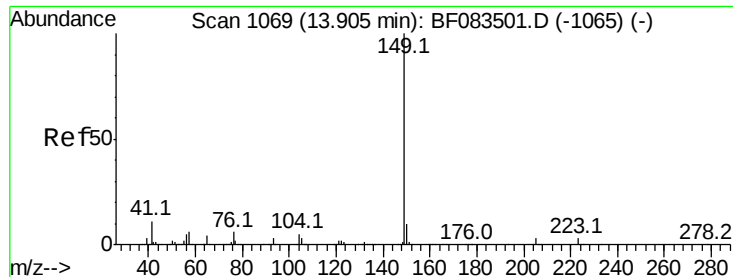
Mmdadoda
 12/7/2015 6:30:51 PM



#72
 Carbazole
 Concen: 40.99 ng
 RT: 13.28 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion:167 Resp: 962394
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.3 9.3 13.9





#73

Di-n-butylphthalate

Concen: 42.64 ng

RT: 13.91 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

ClientSampleId :

ICVBF120415

Tot Ion:149 Resp: 1205724

Ion Ratio Lower Upper

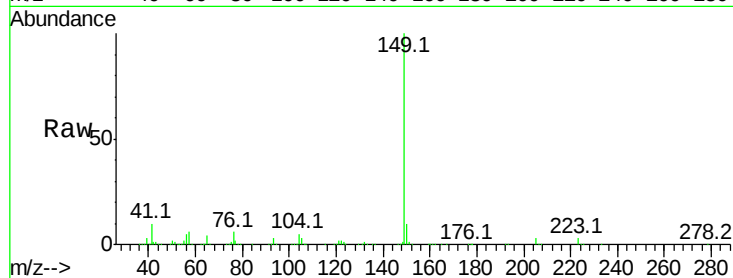
149 100

150 9.5 7.8 11.6

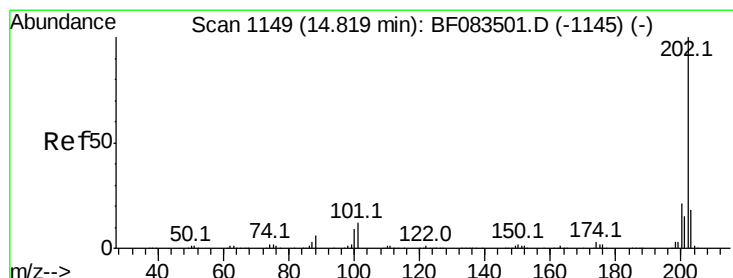
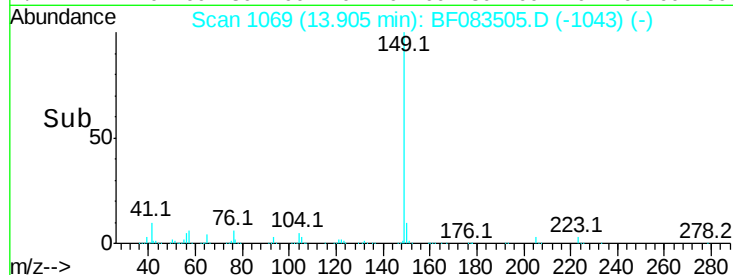
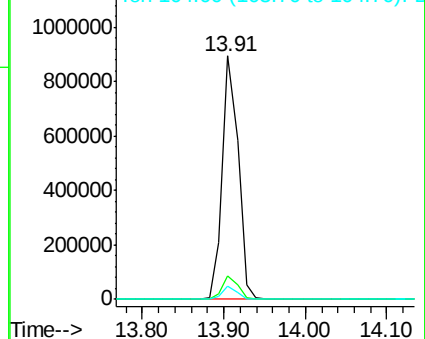
104 5.2 3.9 5.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.69 ng

RT: 14.82 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

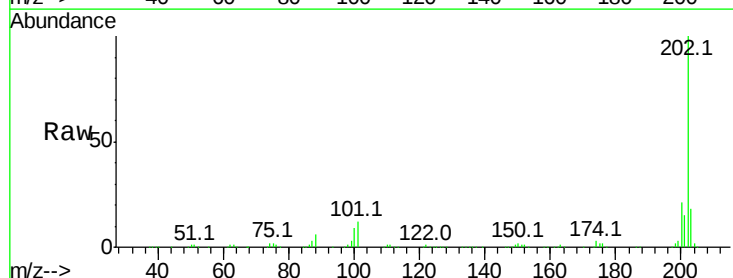
Tgt Ion:202 Resp: 1081217

Ion Ratio Lower Upper

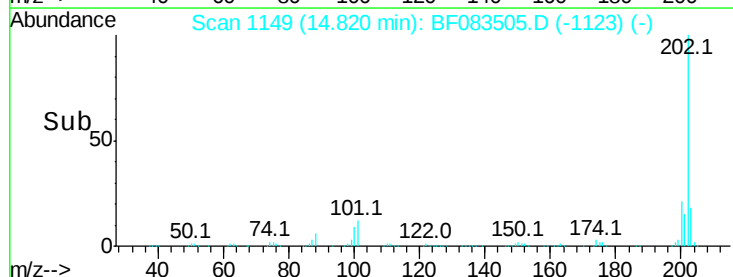
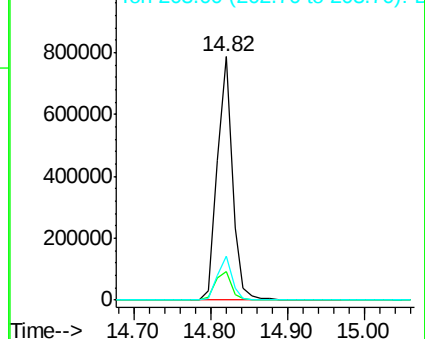
202 100

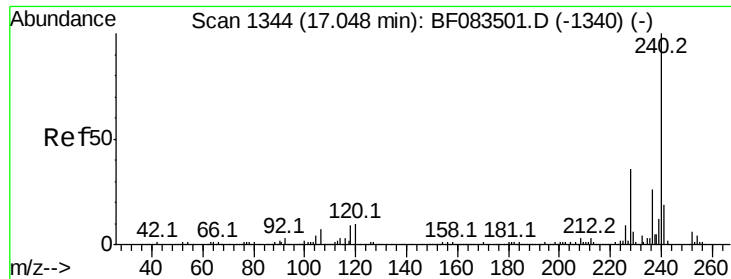
101 11.9 0.0 31.5

203 18.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

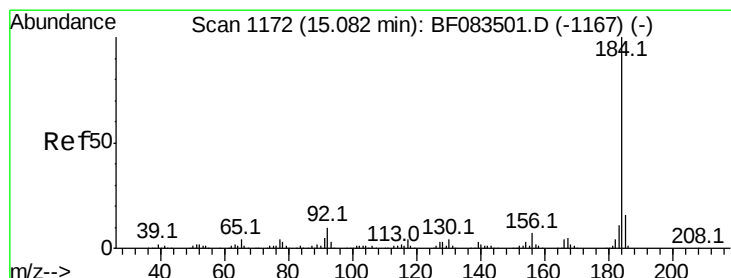
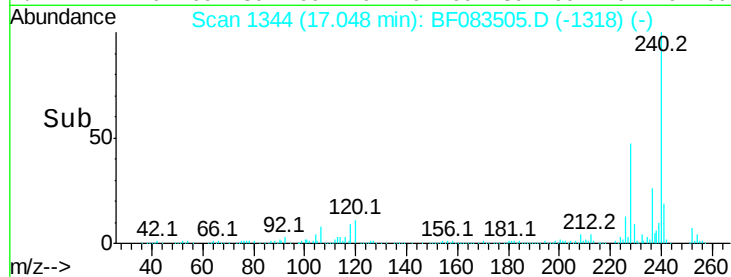
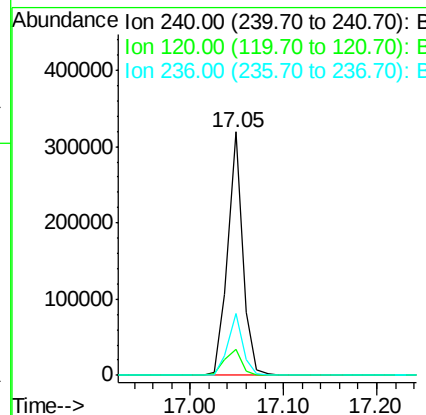
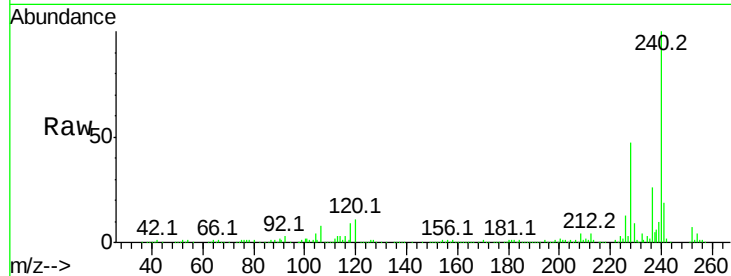
ClientSampleId :

ICVBF120415

Tot Ion:	240	Resp:	358546
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.1	12.1
236	25.6	20.8	31.2

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#76

Benzidine

Concen: 41.60 ng

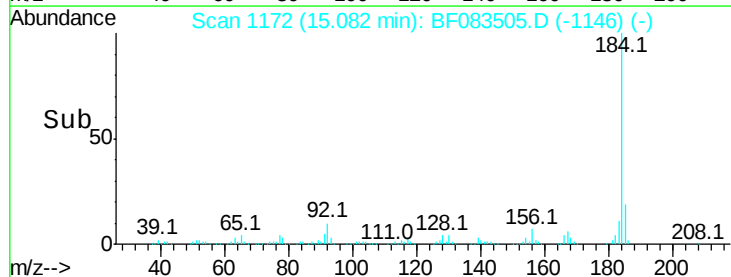
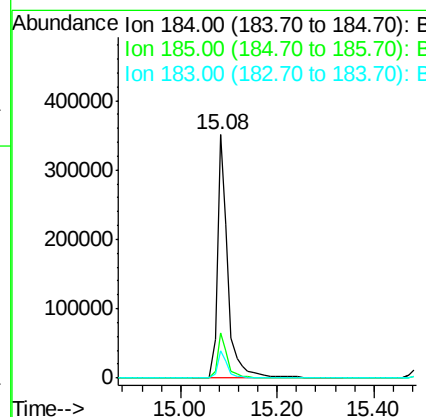
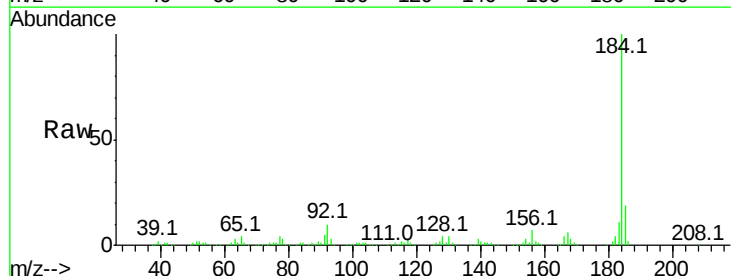
RT: 15.08 min Scan# 1172

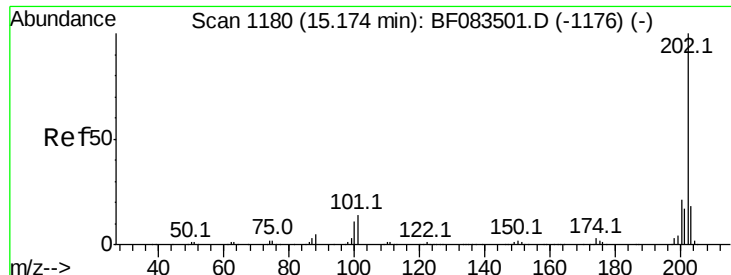
Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion:	184	Resp:	538916
Ion Ratio	Lower	Upper	
184	100		
185	18.8	13.0	19.6
183	11.1	9.0	13.4





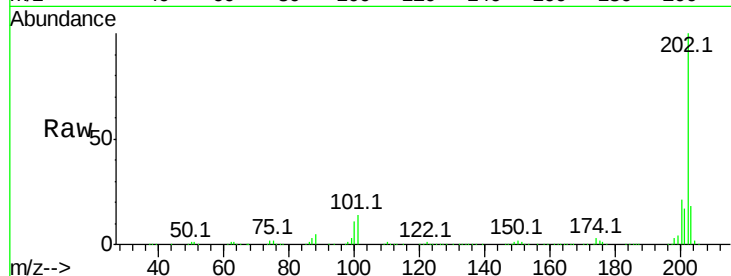
#77
Pvrene
Concen: 41.54 ng
RT: 15.17 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

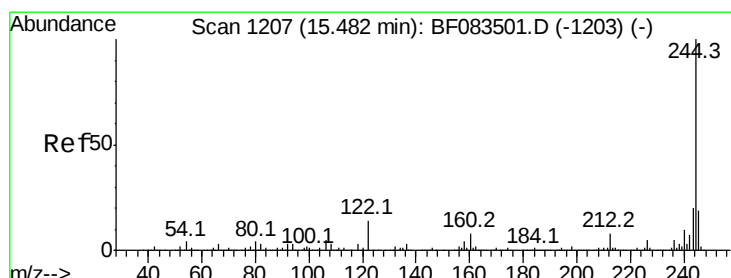
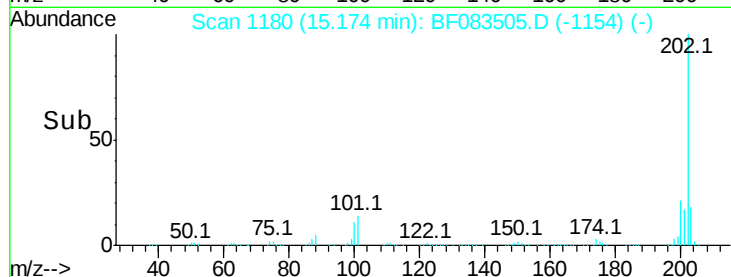
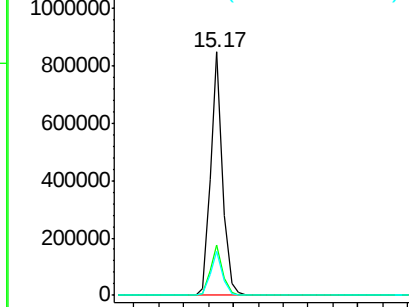
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.1	14.3	21.5

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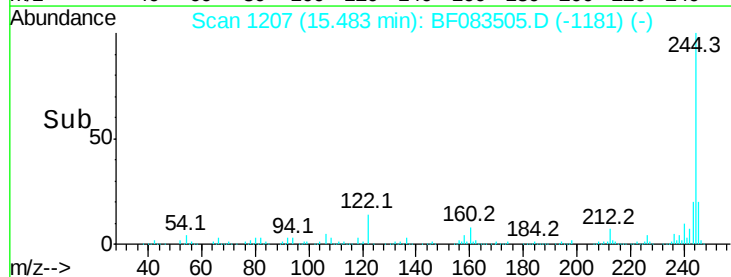
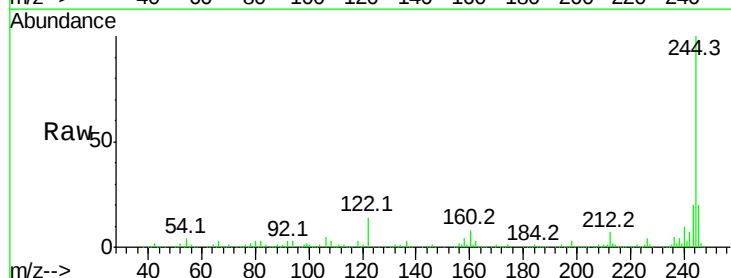
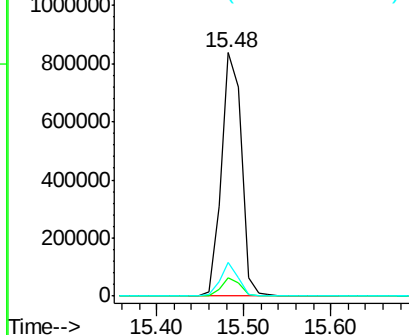
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

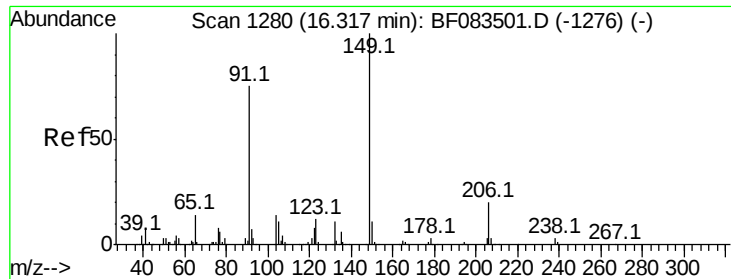


#78
Terphenyl-d14
Concen: 83.70 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	14.0	11.0	16.6

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





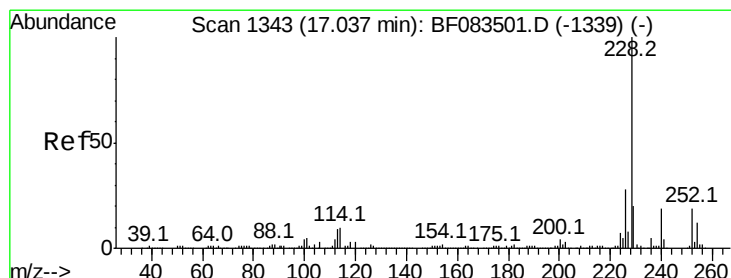
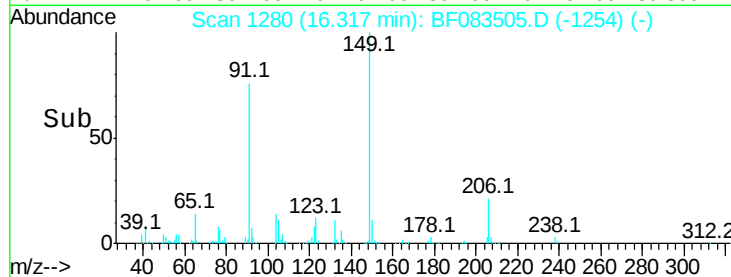
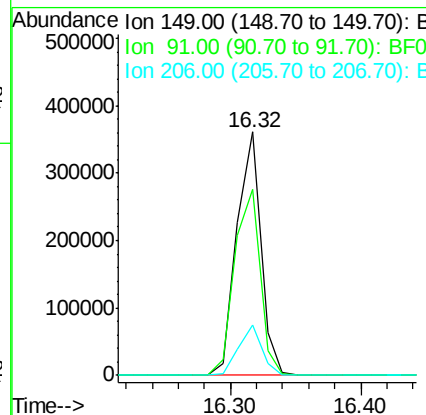
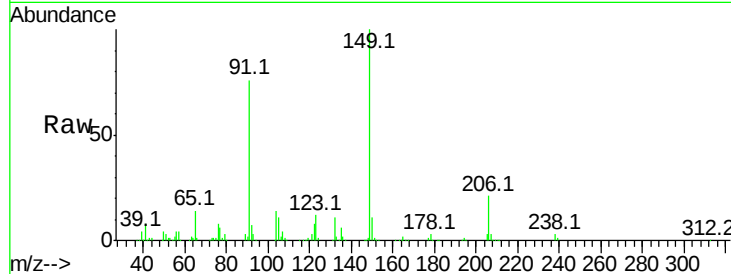
#79
Butylbenzylphthalate
Concen: 43.94 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Resp	Lower	Upper
149	100	463454		
91	76.5	60.0	90.0	
206	20.6	16.2	24.4	

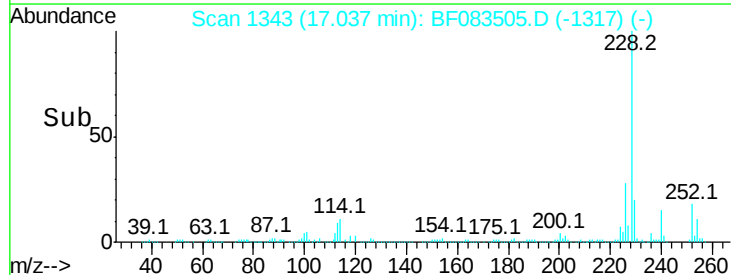
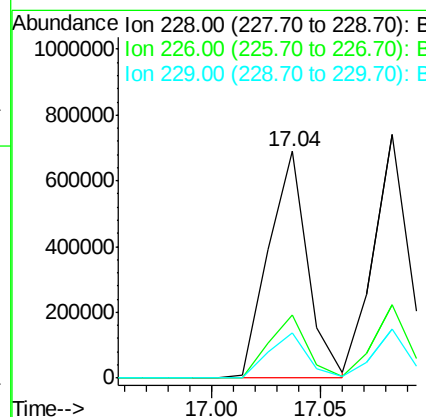
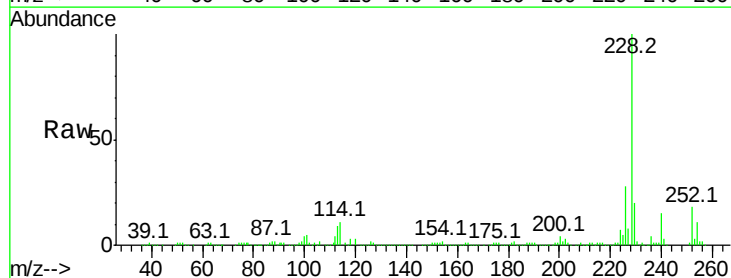
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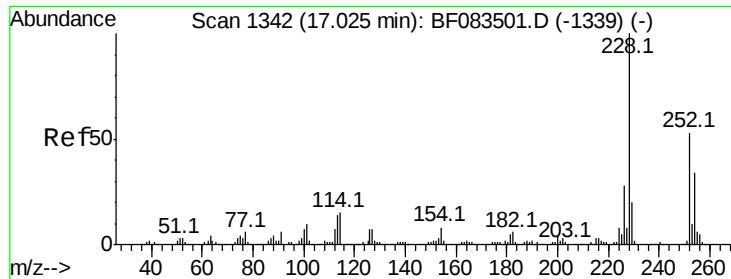
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#80
Benzo(a)anthracene
Concen: 41.14 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	863058		
226	27.9	22.3	33.5	
229	19.9	15.7	23.5	





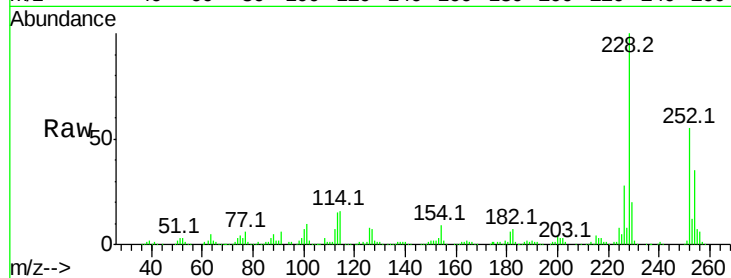
#81
 3,3'-Dichlorobenzidine
 Concen: 41.70 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

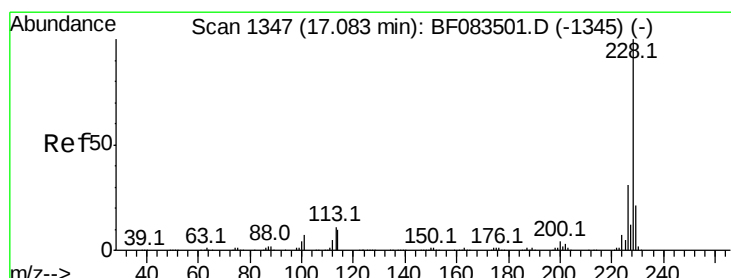
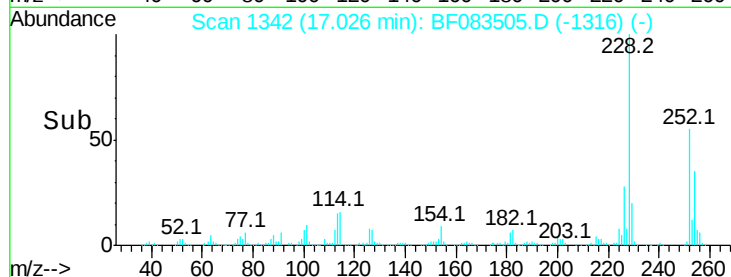
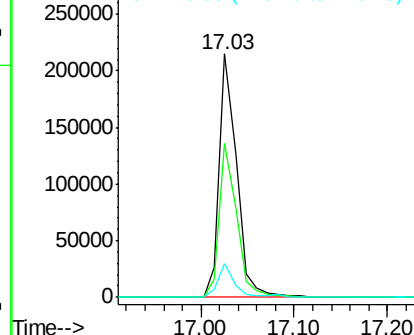
Tot Ion	Ratio	Resp	Lower	Upper
252	100	279807		
254	63.2		50.6	76.0
126	14.0		11.0	16.4

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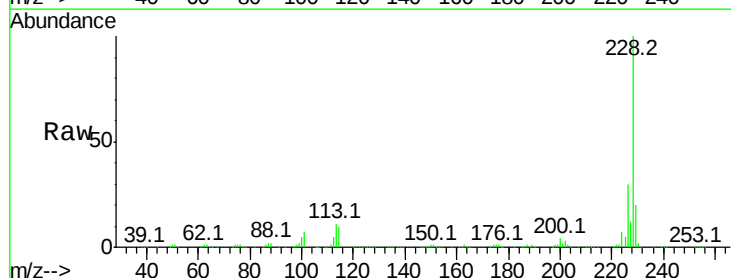


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

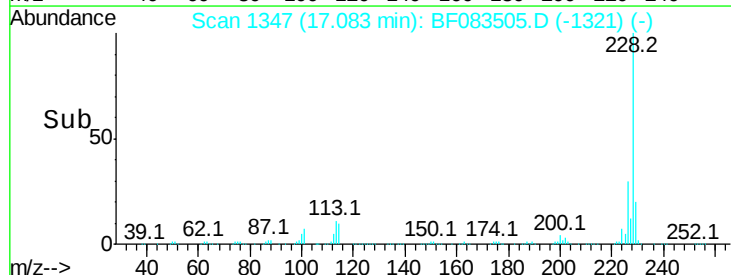
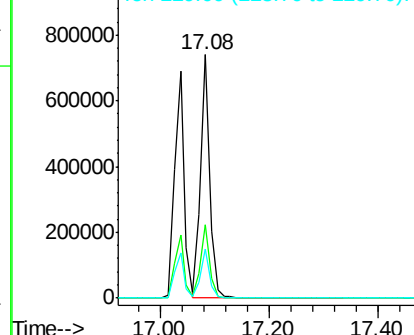


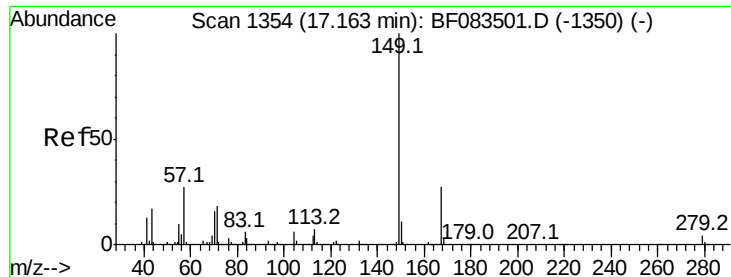
#82
 Chrysene
 Concen: 41.05 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	857866		
226	30.3		24.7	37.1
229	20.0		16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





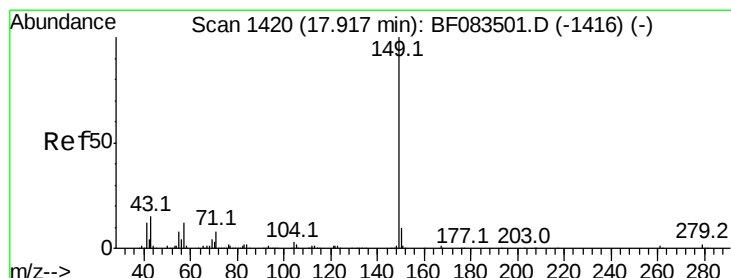
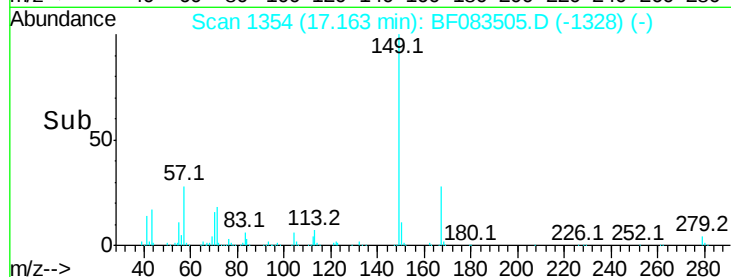
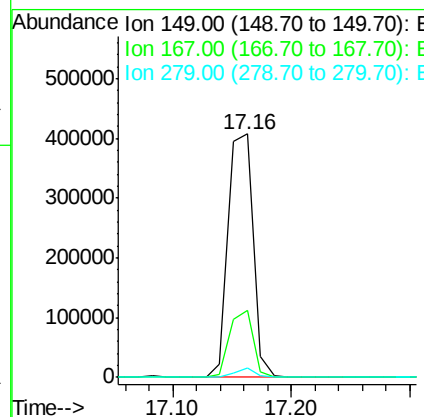
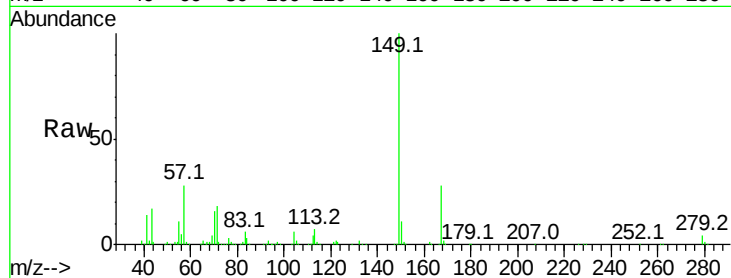
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.83 ng
 RT: 17.16 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Resp	Lower	Upper
149	100	592785		
167	27.6	21.8	32.8	
279	4.0	3.0	4.4	

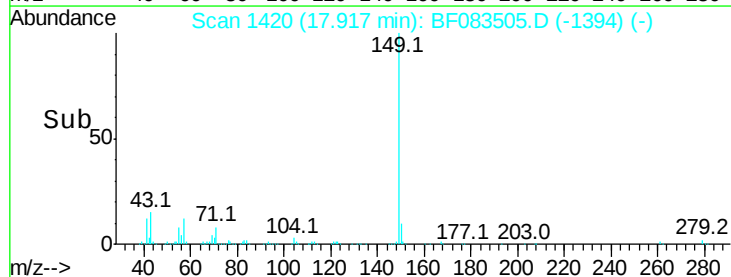
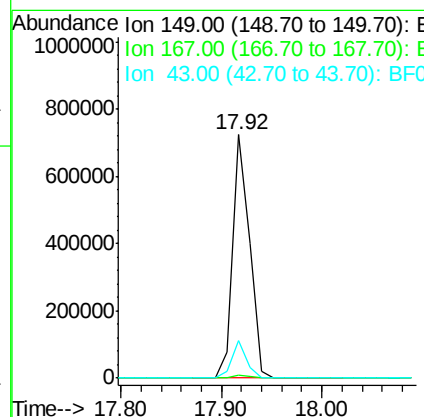
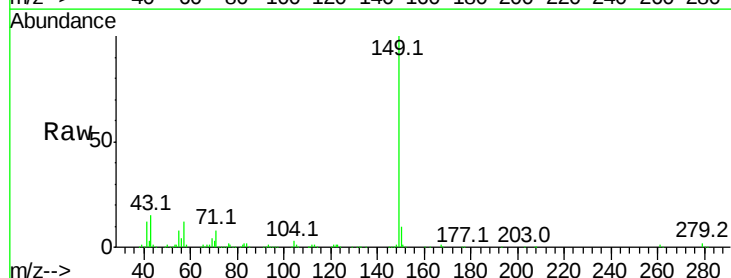
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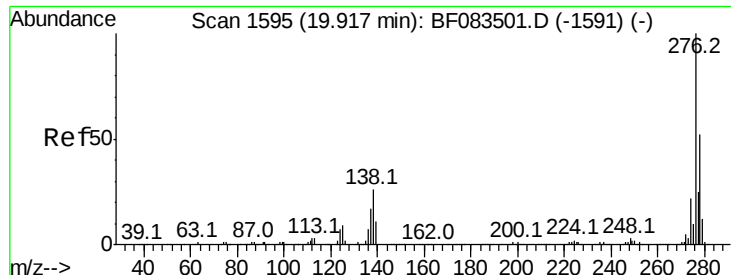
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#84
 Di-n-octyl phthalate
 Concen: 42.77 ng
 RT: 17.92 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	844247		
167	1.5	0.0	0.0#	
43	13.6	0.0	0.0#	





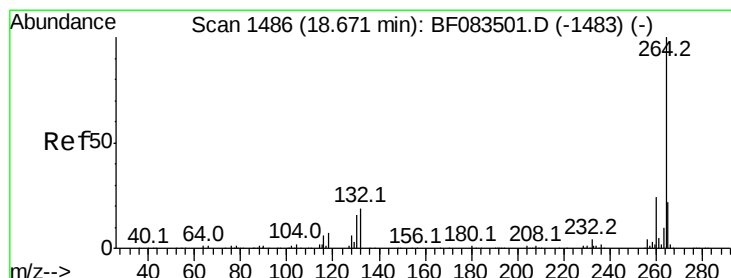
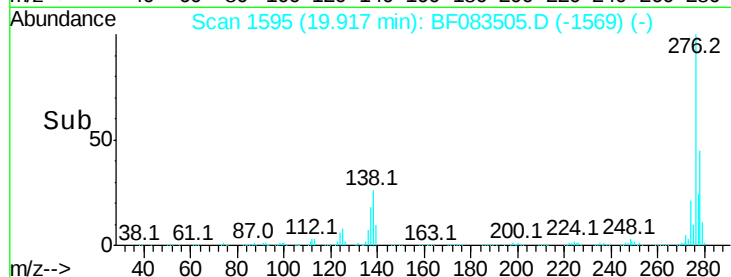
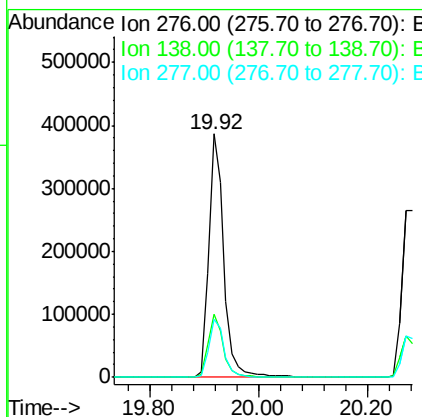
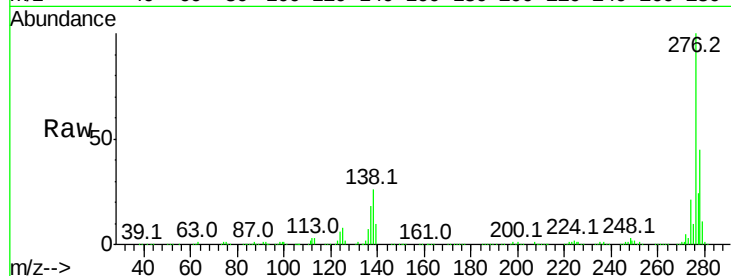
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.67 ng
 RT: 19.92 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.1	0.0	0.0#
277	24.8	0.0	0.0#

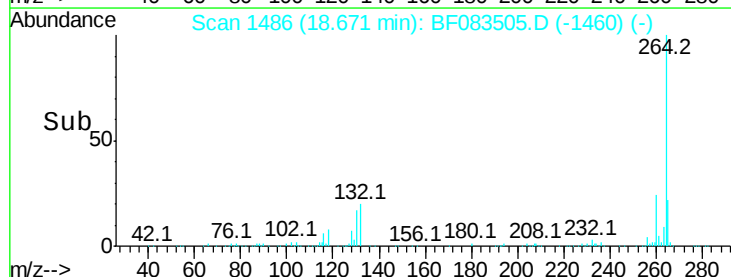
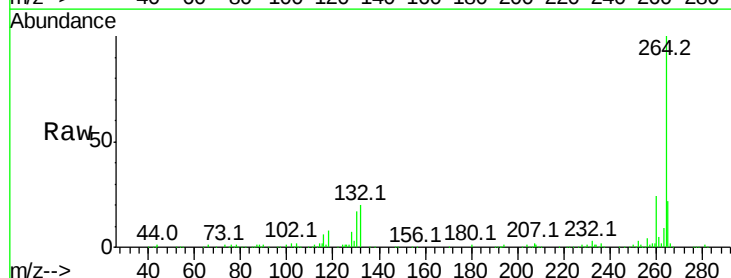
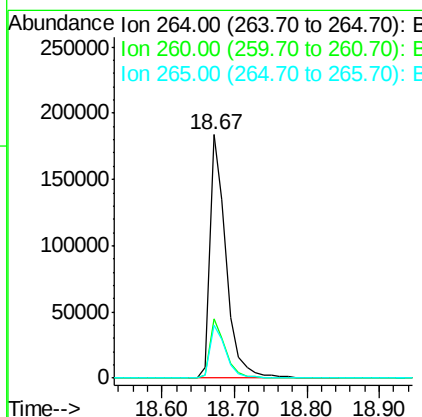
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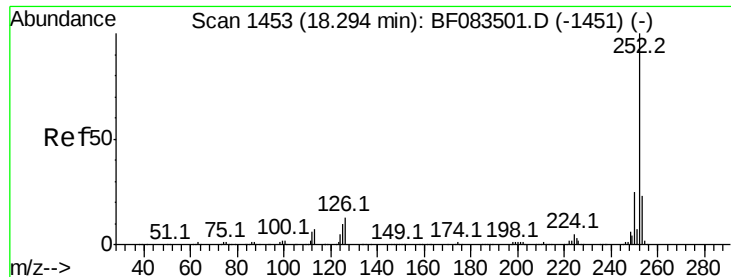
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.7	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 40.95 ng m

RT: 18.29 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Instrument :

BNA_F

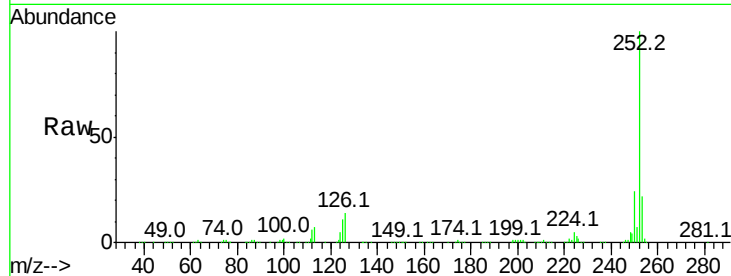
ClientSampleId :

ICVBF120415

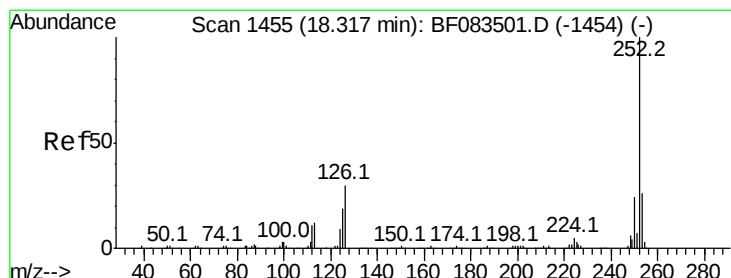
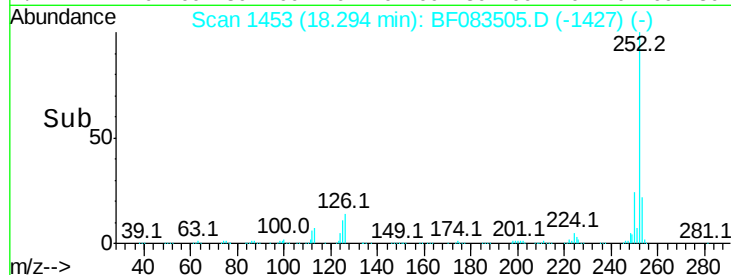
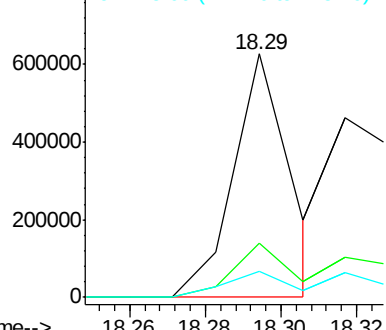
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.6	8.2	12.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.00 ng m

RT: 18.32 min Scan# 1455

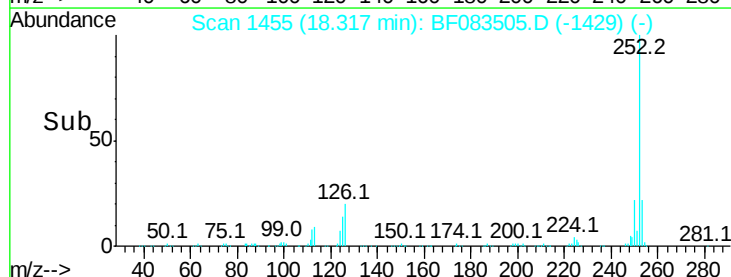
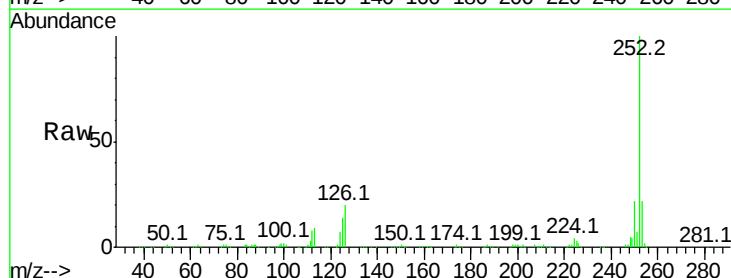
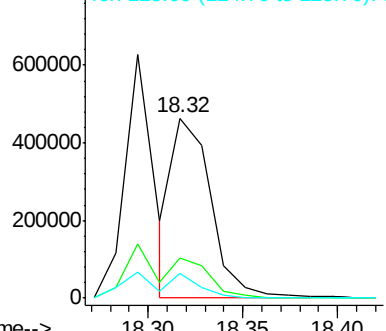
Delta R.T. 0.00 min

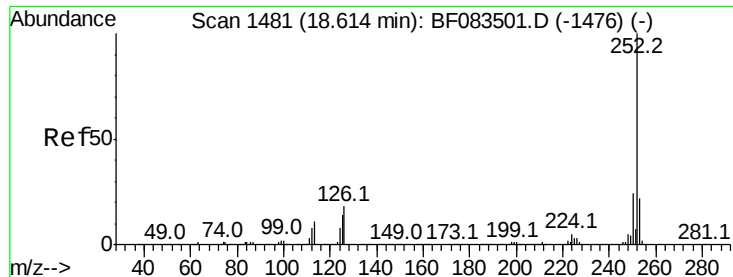
Lab File: BF083505.D

Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	14.1	11.5	17.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





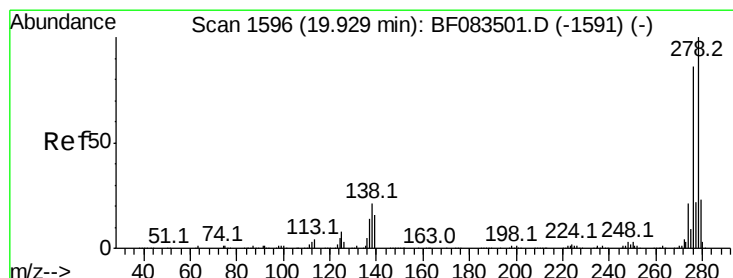
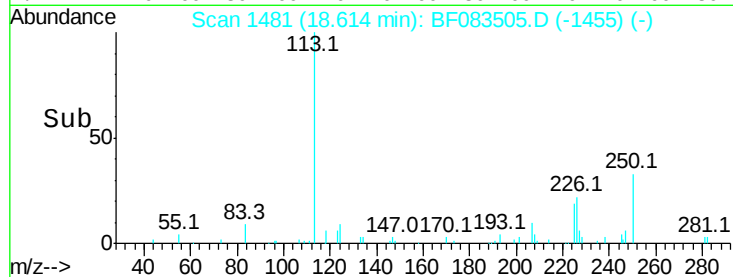
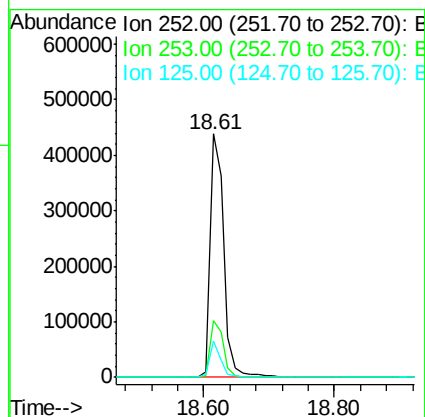
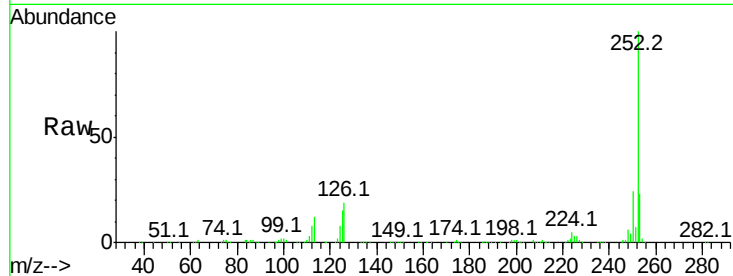
#89
Benzo(a)pyrene
Concen: 41.44 ng
RT: 18.61 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Instrument :
BNA_F
ClientSampleId :
ICVBF120415

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	14.8	11.0	16.6

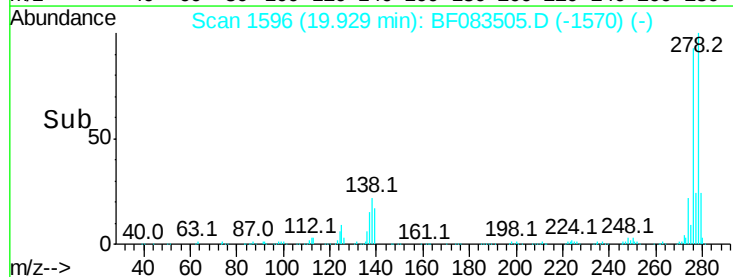
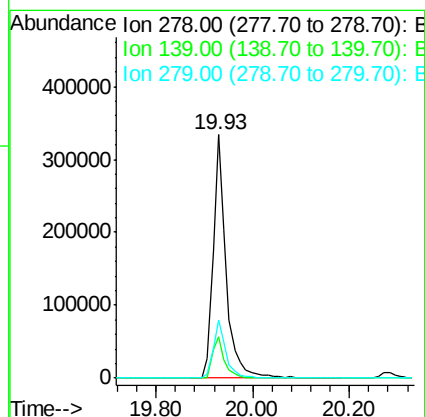
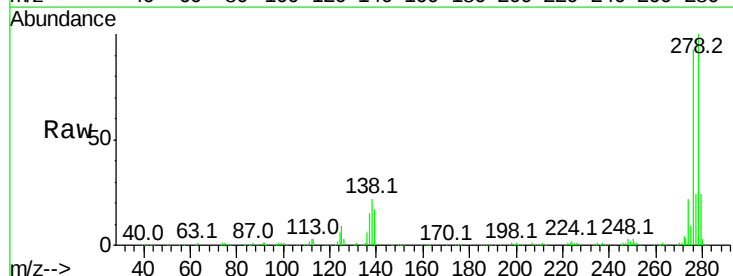
Manual Integrations
APPROVED

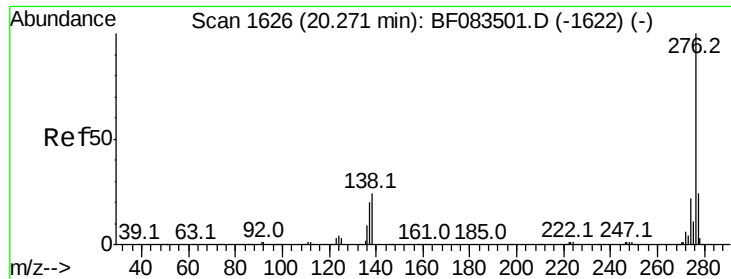
Mmdadoda
12/7/2015 6:30:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.78 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF083505.D
Acq: 5 Dec 2015 2:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.8	19.2
279	23.7	18.6	28.0





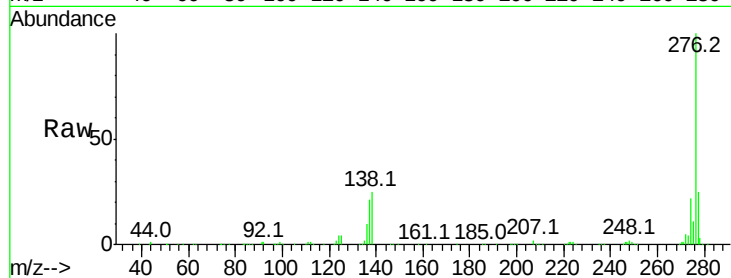
#91
 Benzo(a,h,i)perylene
 Concen: 43.05 ng
 RT: 20.27 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF083505.D
 Acq: 5 Dec 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120415

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	24.8	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:51 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

