

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083601.D
 Acq On : 8 Dec 2015 18:22
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Manual Integrations
 APPROVED

Mmdadoda
 12/9/2015 6:13:20 PM

Quant Time: Dec 17 10:08:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	164934	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	660266	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	326087	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	601830	20.00	ng	0.00
75) Chrysene-d12	16.99	240	506829	20.00	ng	0.00
86) Perylene-d12	18.64	264	438777	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	3.97	112	920631	84.66	ng	0.00
7) Phenol-d6	5.28	99	1215370	83.65	ng	0.00
23) Nitrobenzene-d5	6.53	82	1135095	80.22	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	243922	83.96	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1808018	78.04	ng	0.00
78) Terphenyl-d14	15.41	244	1687880	78.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.81	88	208162	38.75	ng	98
3) Pyridine	2.26	79	588914	45.12	ng	92
4) n-Nitrosodimethylamine	2.22	42	299151	43.53	ng	92
6) Aniline	5.25	93	785456	43.87	ng	89
8) 2-Chlorophenol	5.42	128	498987	41.96	ng	94
9) Benzaldehyde	5.10	77	320379	40.92	ng	99
10) Phenol	5.29	94	752017	42.73	ng	84
11) bis(2-Chloroethyl)ether	5.36	93	507493	39.19	ng	98
12) 1,3-Dichlorobenzene	5.61	146	542891m	40.96	ng	
13) 1,4-Dichlorobenzene	5.72	146	556781	40.94	ng	98
14) 1,2-Dichlorobenzene	5.94	146	521496	41.32	ng	98
15) Benzyl Alcohol	5.95	79	460144	44.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.12	45	985037	41.14	ng	# 61
17) 2-Methylphenol	6.14	107	407837	42.15	ng	93
18) Hexachloroethane	6.41	117	199531	41.55	ng	# 85
19) n-Nitroso-di-n-propylamine	6.34	70	416900	41.11	ng	93
20) 3+4-Methylphenols	6.38	107	521596	40.94	ng	97
22) Acetophenone	6.32	105	756411	40.84	ng	# 95
24) Nitrobenzene	6.56	77	618216	39.53	ng	100
25) Isophorone	6.93	82	1107007	40.31	ng	98
26) 2-Nitrophenol	7.04	139	262331	42.24	ng	94
27) 2,4-Dimethylphenol	7.16	122	441890	40.68	ng	96
28) bis(2-Chloroethoxy)methane	7.29	93	622080	40.80	ng	99
29) 2,4-Dichlorophenol	7.45	162	407629	41.26	ng	98
30) 1,2,4-Trichlorobenzene	7.53	180	435394	39.90	ng	97
31) Naphthalene	7.63	128	1388729	39.71	ng	99
32) Benzoic acid	7.50	122	284303	41.28	ng	97
33) 4-Chloroaniline	7.77	127	535117	41.96	ng	95
34) Hexachlorobutadiene	7.84	225	261429	41.00	ng	97
35) Caprolactam	8.40	113	129724	43.75	ng	96
36) 4-Chloro-3-methylphenol	8.61	107	456223	41.10	ng	99
37) 2-Methylnaphthalene	8.74	142	867264	39.48	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	427396	39.92	ng	# 100
40) Hexachlorocyclopentadiene	8.99	237	72297	45.43	ng	95

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Manual Integrations
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Quant Time: Dec 17 10:08:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	261257	41.01	nq	97
43) 2,4,5-Trichlorophenol	9.31	196	263301	41.75	nq	# 90
45) 1,1'-Biphenyl	9.49	154	1123651	39.64	nq	98
46) 2-Chloronaphthalene	9.50	162	863836	40.37	nq	94
47) 2-Nitroaniline	9.72	65	319929	41.45	nq	99
48) Acenaphthylene	10.17	152	1415938	40.13	nq	99
49) Dimethylphthalate	10.04	163	1043589	40.20	nq	99
50) 2,6-Dinitrotoluene	10.13	165	222163	41.46	nq	97
51) Acenaphthene	10.44	154	803593	39.78	nq	99
52) 3-Nitroaniline	10.41	138	237501	41.70	nq	84
53) 2,4-Dinitrophenol	10.61	184	100219	40.74	nq	96
54) Dibenzofuran	10.73	168	1126634	40.22	nq	97
55) 4-Nitrophenol	10.82	139	99673	39.75	nq	91
56) 2,4-Dinitrotoluene	10.80	165	300960	42.34	nq	# 79
57) Fluorene	11.28	166	974335	39.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.97	232	203222	40.15	nq	# 100
59) Diethylphthalate	11.18	149	1002549	39.72	nq	99
60) 4-Chlorophenyl-phenylether	11.31	204	470872	40.46	nq	92
61) 4-Nitroaniline	11.40	138	228323	44.12	nq	87
62) Azobenzene	11.56	77	1139713	41.03	nq	96
64) 4,6-Dinitro-2-methylphenol	11.46	198	167038	41.03	nq	93
65) n-Nitrosodiphenylamine	11.52	169	812409	40.90	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	266667	39.73	nq	95
67) Hexachlorobenzene	12.17	284	287664	40.40	nq	96
68) Atrazine	12.44	200	247781	41.93	nq	98
69) Pentachlorophenol	12.53	266	73101	41.95	nq	98
70) Phenanthrene	12.82	178	1401597	40.53	nq	99
71) Anthracene	12.91	178	1443607	40.30	nq	100
72) Carbazole	13.21	167	1259505	41.00	nq	98
73) Di-n-butylphthalate	13.84	149	1606330	41.58	nq	99
74) Fluoranthene	14.75	202	1437528	40.64	nq	99
76) Benzidine	15.03	184	666099	42.25	nq	100
77) Pyrene	15.11	202	1436379	39.36	nq	100
79) Butylbenzylphthalate	16.24	149	677842	41.85	nq	86
80) Benzo(a)anthracene	16.98	228	1169713	39.43	nq	99
81) 3,3'-Dichlorobenzidine	16.97	252	416188	41.53	nq	98
82) Chrysene	17.03	228	1190951	40.05	nq	99
83) Bis(2-ethylhexyl)phthalate	17.09	149	938162	41.73	nq	99
84) Di-n-octyl phthalate	17.86	149	1490508	43.39	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.87	276	904401	45.06	nq	# 100
87) Benzo(b)fluoranthene	18.25	252	1194715m	47.81	nq	
88) Benzo(k)fluoranthene	18.28	252	868209m	31.54	nq	
89) Benzo(a)pyrene	18.58	252	945032	38.76	nq	# 95
90) Dibenzo(a,h)anthracene	19.87	278	773497	41.49	nq	98
91) Benzo(g,h,i)perylene	20.23	276	729940	40.16	nq	96

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

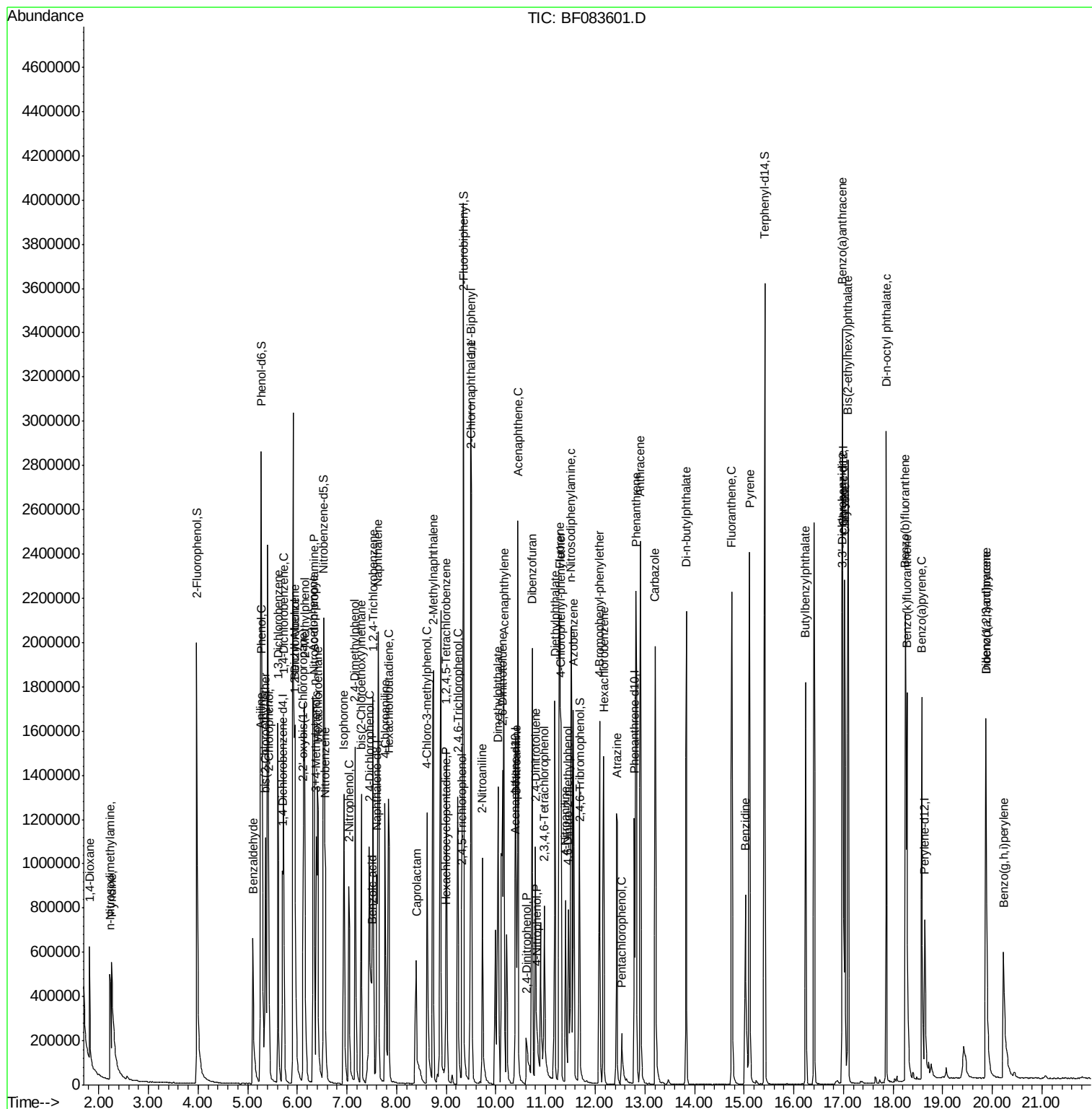
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\  
Data File : BF083601.D  
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Operator  : UM/IZ  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 10 Sample Multiplier: 1
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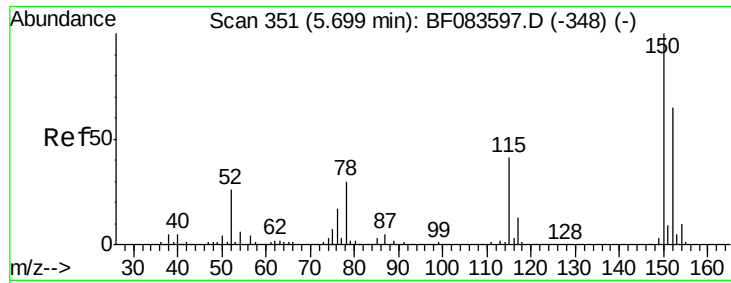
Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Manual Integrations APPROVED

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#1

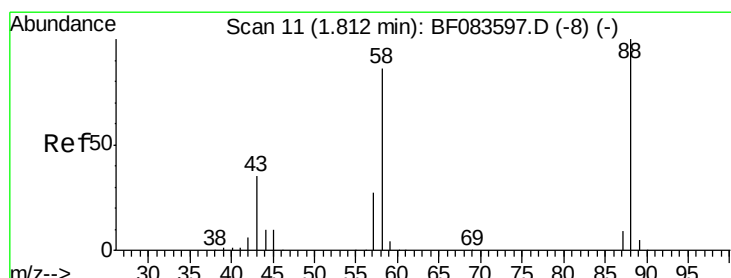
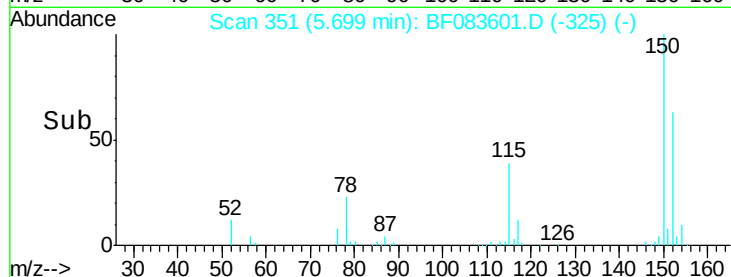
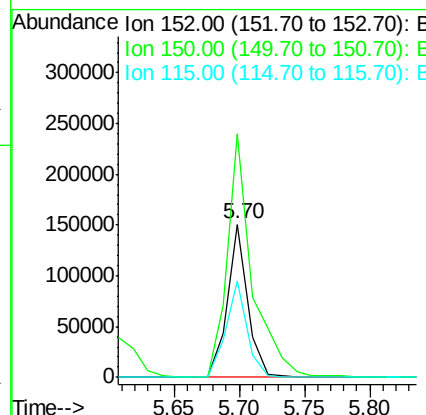
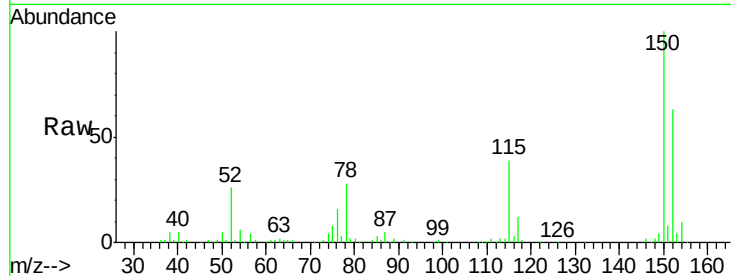
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.5	189.7
115	62.7	52.3	78.5

Manual Integrations
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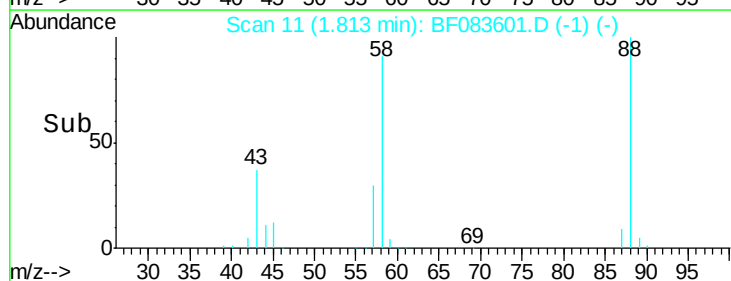
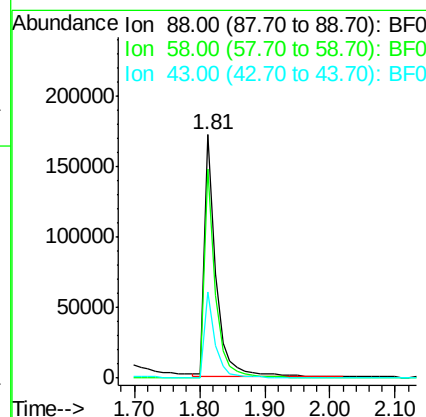
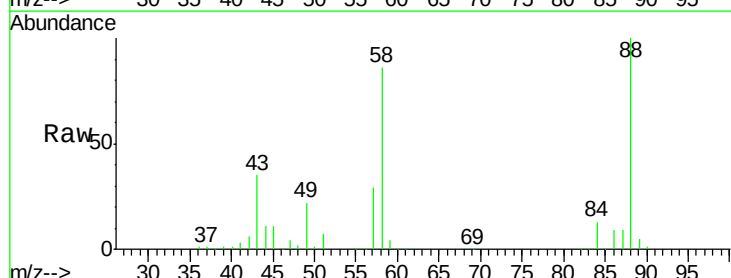
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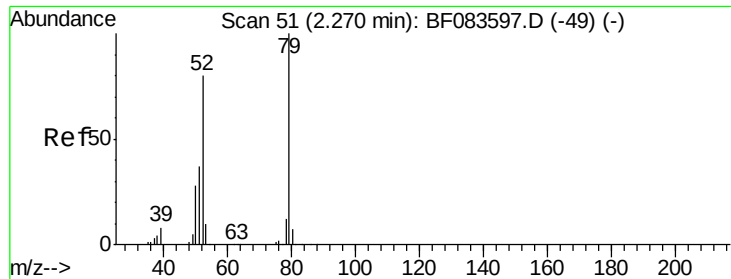


#2

1,4-Dioxane
Concen: 38.75 ng
RT: 1.81 min Scan# 11
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	68.0	102.0
43	34.3	27.9	41.9





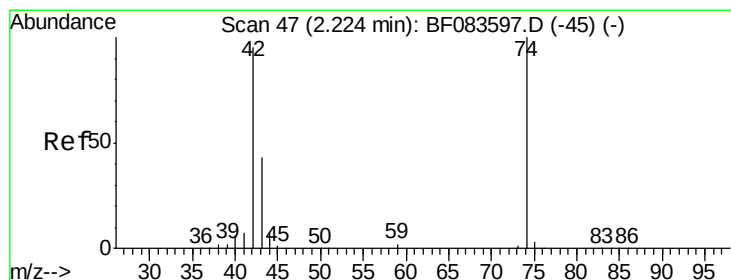
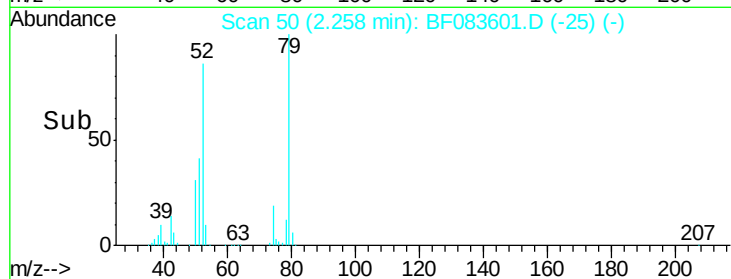
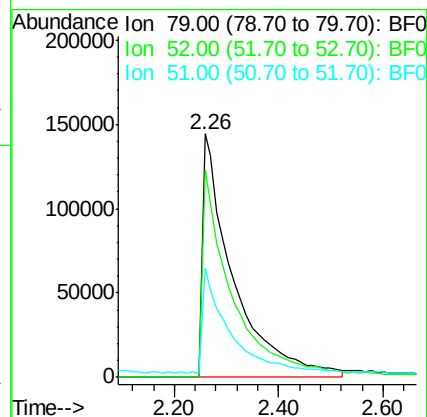
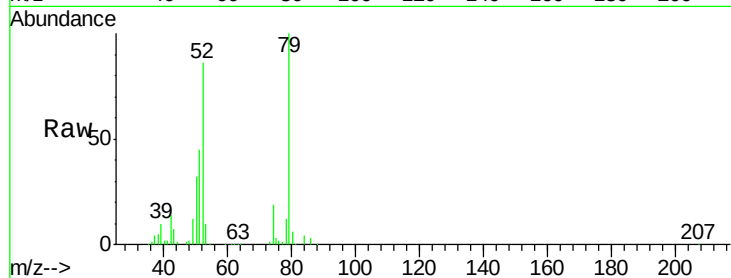
#3
 Pvridine
 Concen: 45.12 ng
 RT: 2.26 min Scan# 50
 Delta R.T. -0.01 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.5	63.7	95.5
51	44.9	30.6	45.8

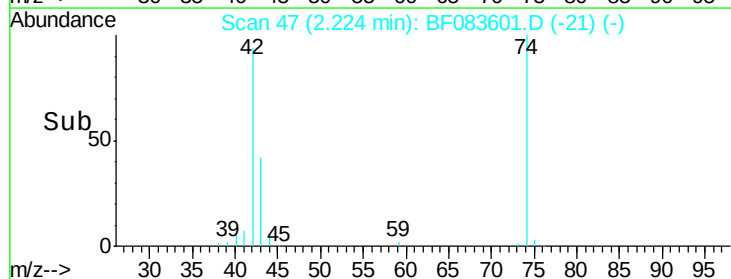
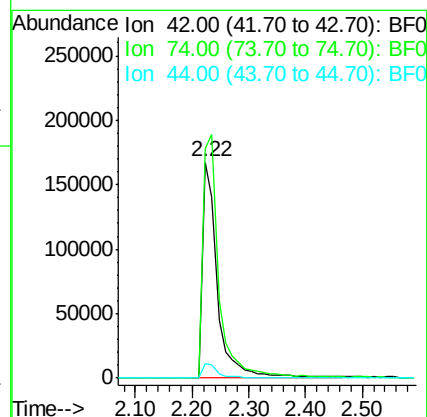
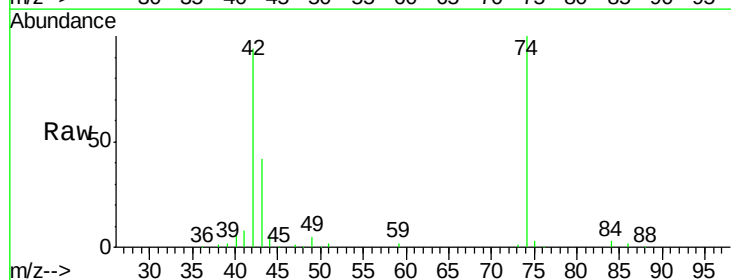
Manual Integrations
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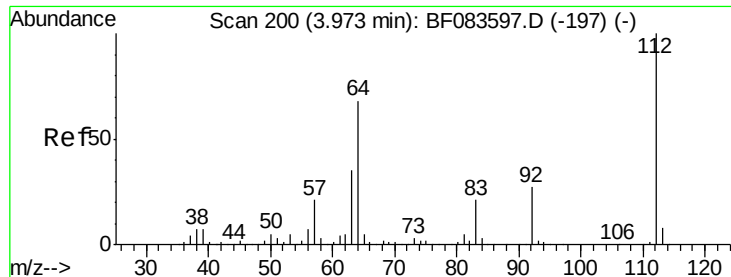
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#4
 n-Nitrosodimethylamine
 Concen: 43.53 ng
 RT: 2.22 min Scan# 47
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.4	92.9	139.3
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 84.66 ng

RT: 3.97 min Scan# 200

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

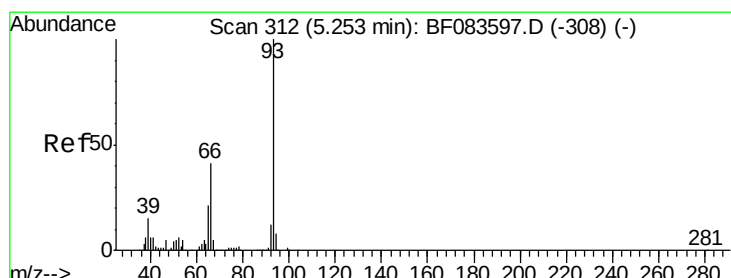
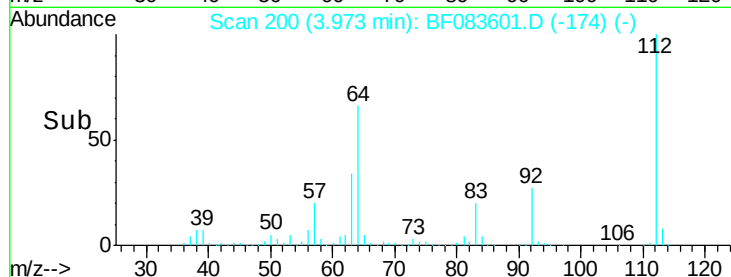
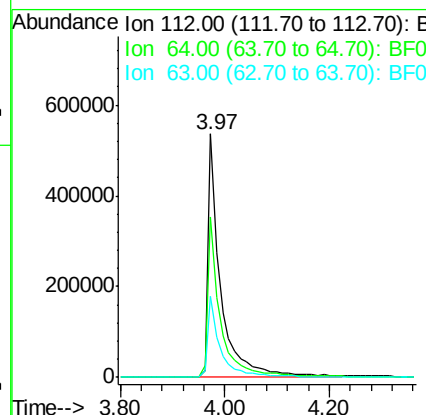
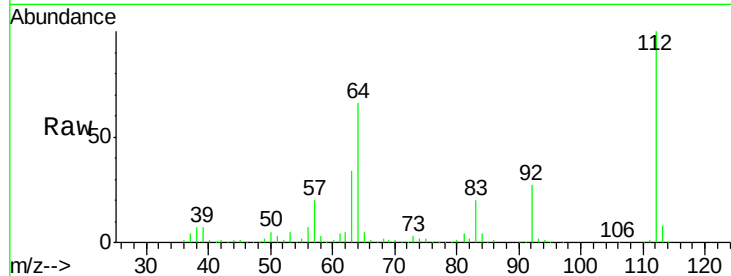
ClientSampleId :

ICVBF120815

Tot Ion:	112	Resp:	920631
Ion Ratio	Lower	Upper	
112	100		
64	65.7	50.5	75.7
63	33.5	25.8	38.6

Manual Integrations
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#6

Aniline

Concen: 43.87 ng

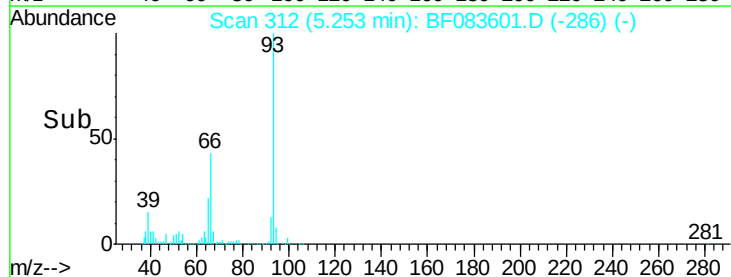
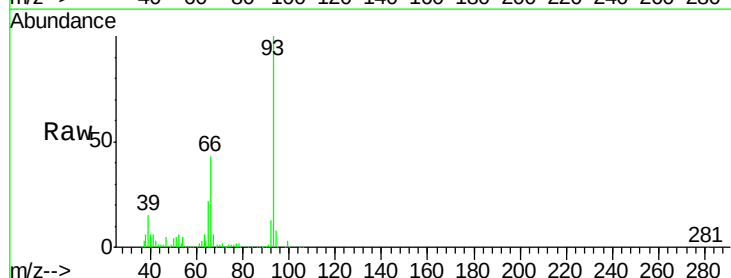
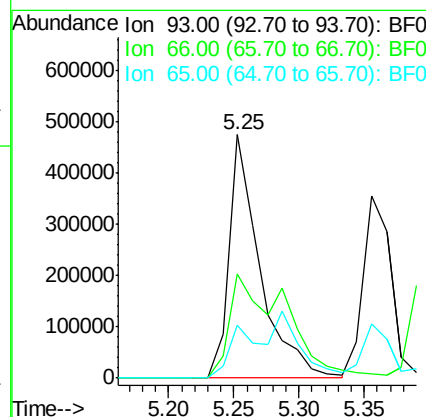
RT: 5.25 min Scan# 312

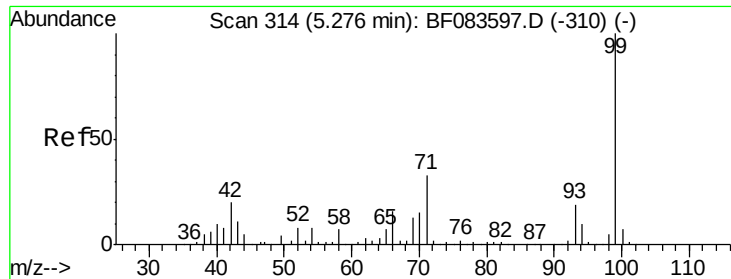
Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Tgt Ion:	93	Resp:	785456
Ion Ratio	Lower	Upper	
93	100		
66	42.7	41.3	61.9
65	21.6	20.8	31.2





#7

Phenol-d6

Concen: 83.65 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

ClientSampleId :

ICVBF120815

Tot Ion: 99 Resp: 1215370

Ion Ratio Lower Upper

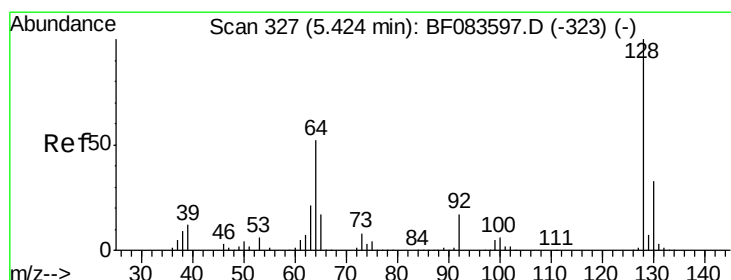
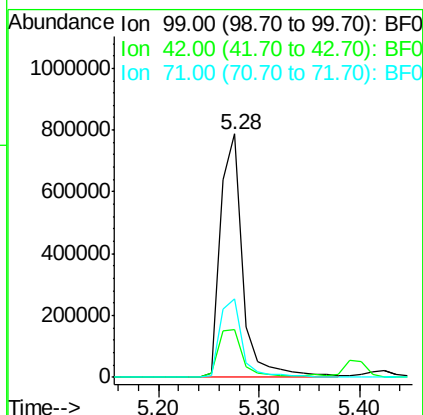
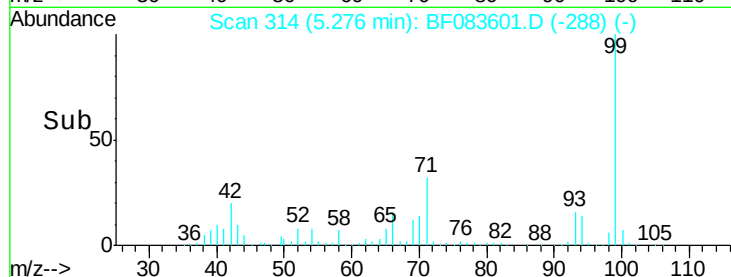
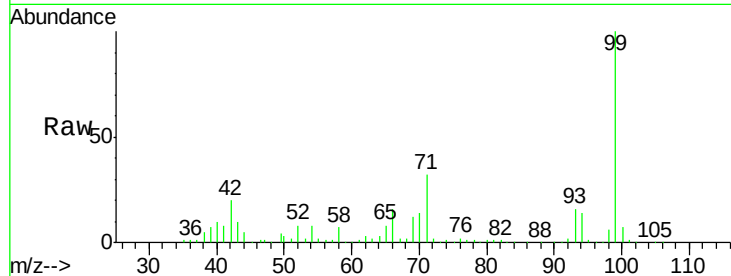
99 100

42 19.8 17.3 25.9

71 32.5 26.6 40.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.96 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

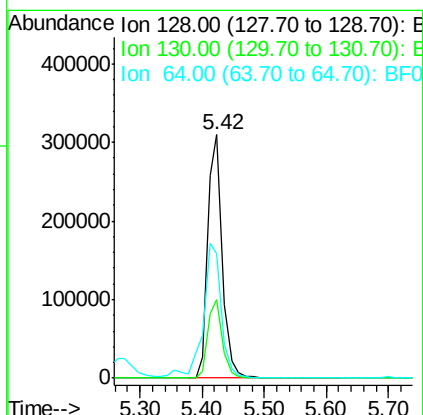
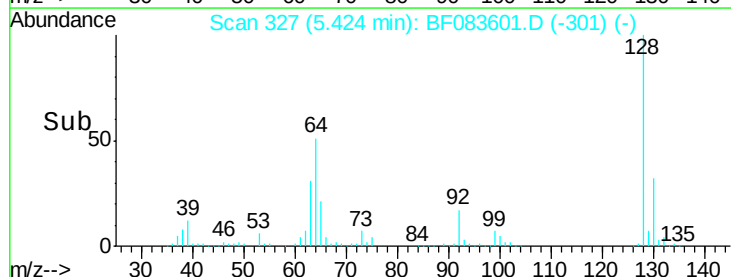
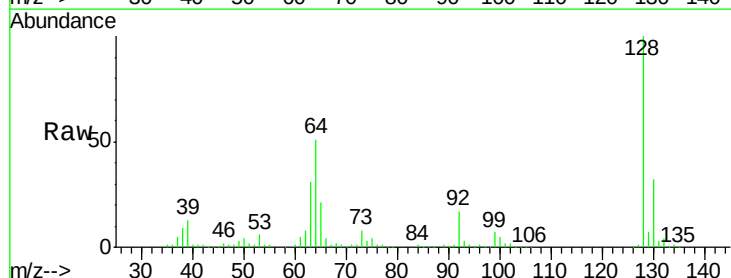
Tgt Ion: 128 Resp: 498987

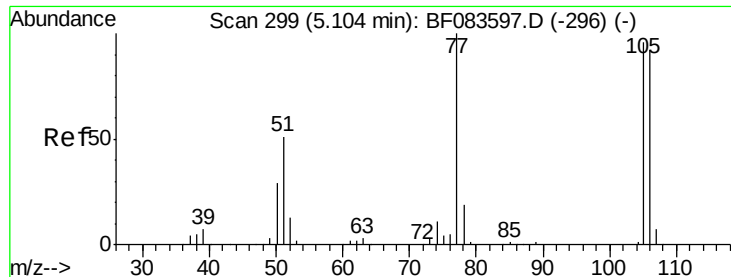
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 51.2 38.6 78.6





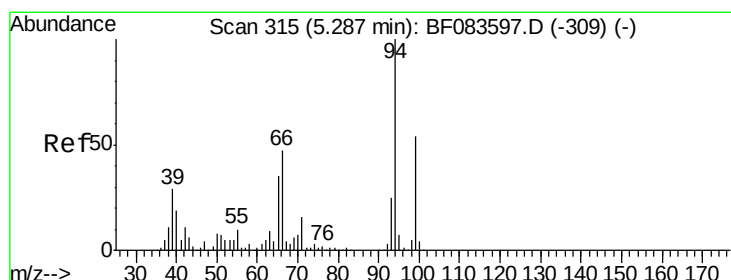
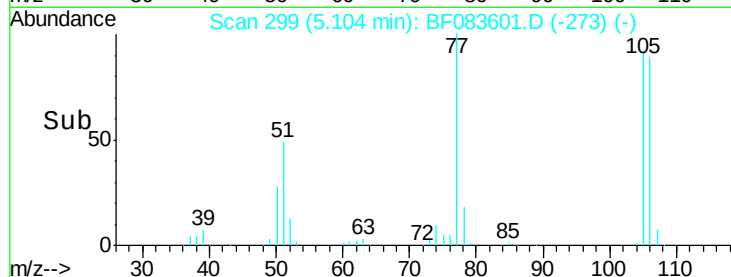
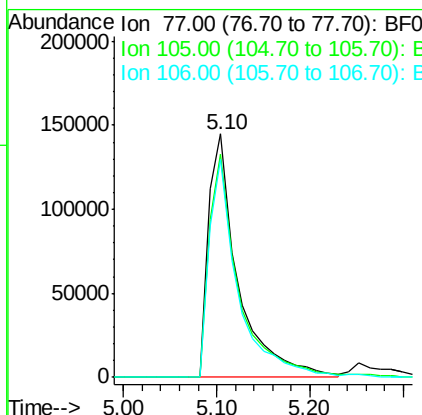
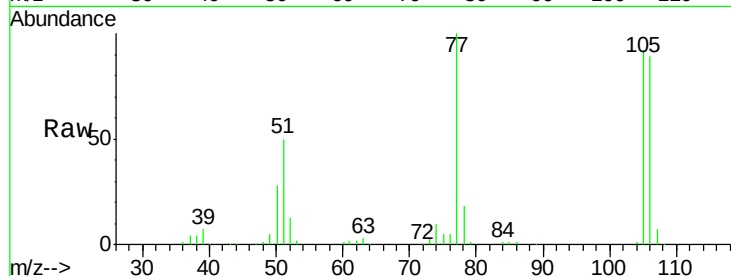
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Benzaldehyde
Concen: 40.92 ng
RT: 5.10 min Scan# 299
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.9	71.8	111.8
106	89.5	66.8	106.8

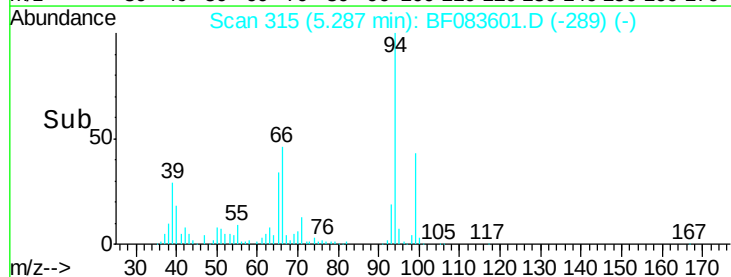
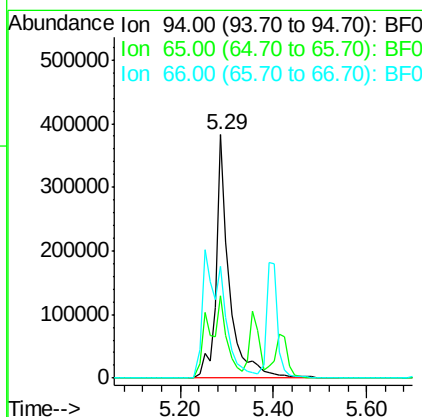
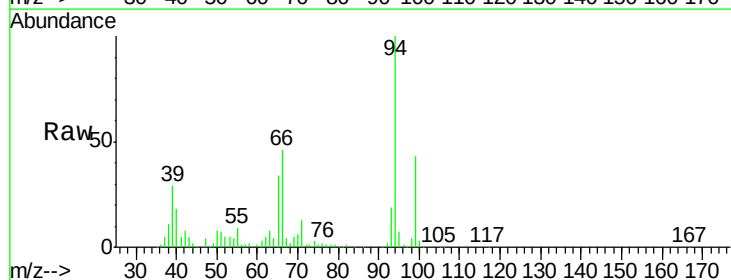
Manual Integrations
APPROVED

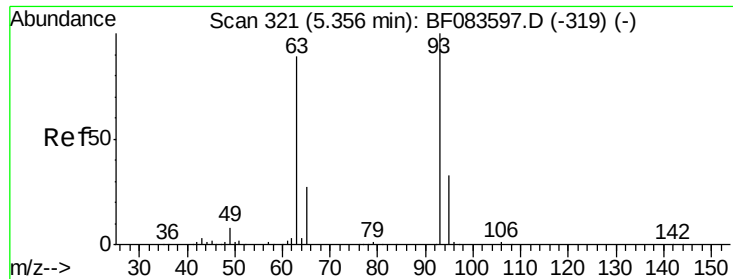
Mmdadoda
12/9/2015 6:13:20 PM



#10
Phenol
Concen: 42.73 ng
RT: 5.29 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.0	20.9	60.9
66	46.2	41.6	81.6





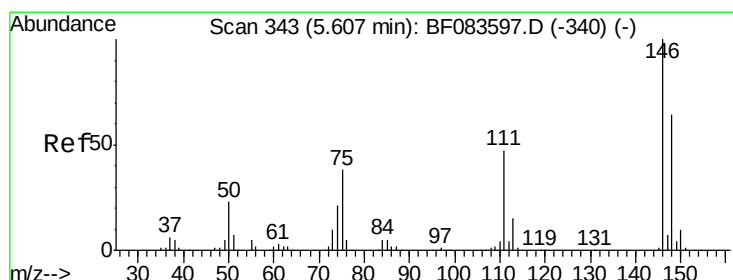
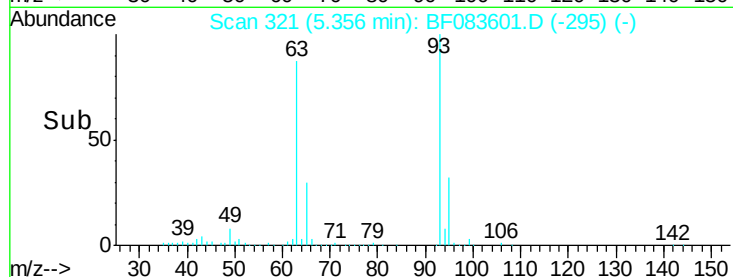
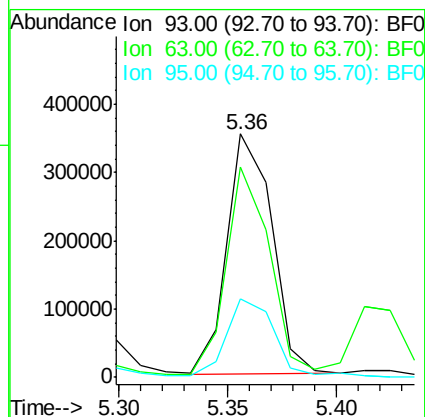
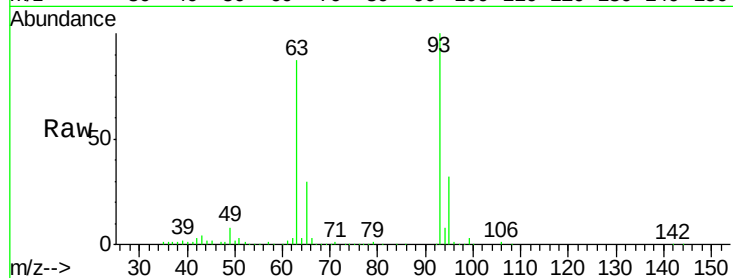
#11
bis(2-Chloroethyl)ether
Concen: 39.19 ng
RT: 5.36 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.6	64.7	104.7
95	32.3	12.7	52.7

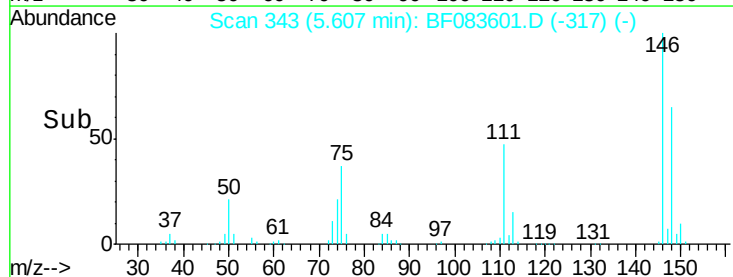
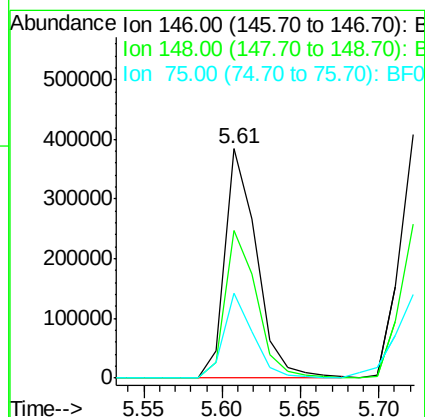
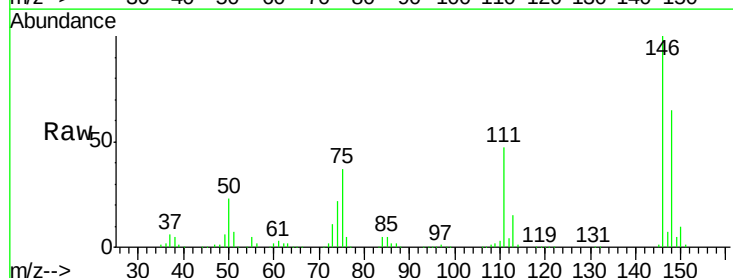
Manual Integrations
APPROVED

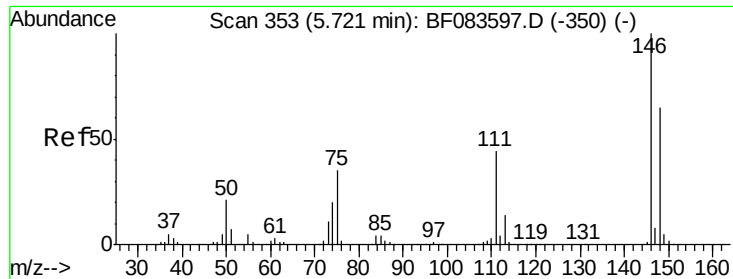
Mmdadoda
12/9/2015 6:13:20 PM



#12
1,3-Dichlorobenzene
Concen: 40.96 ng m
RT: 5.61 min Scan# 343
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
75	37.1	24.1	36.1





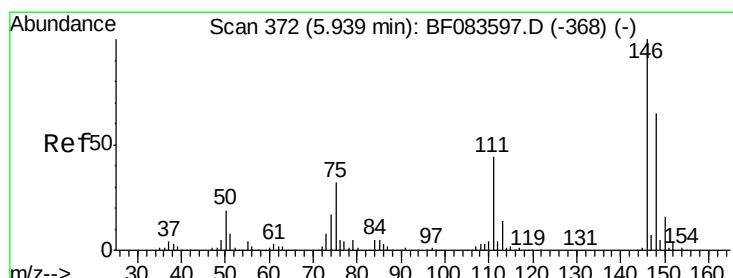
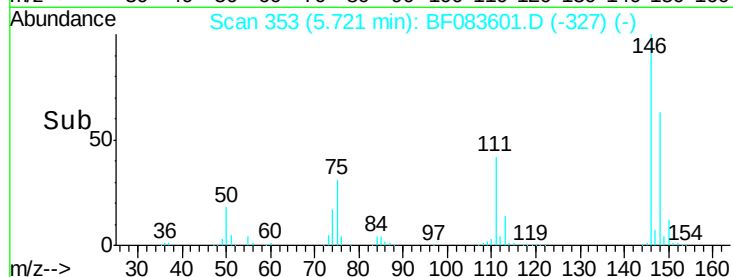
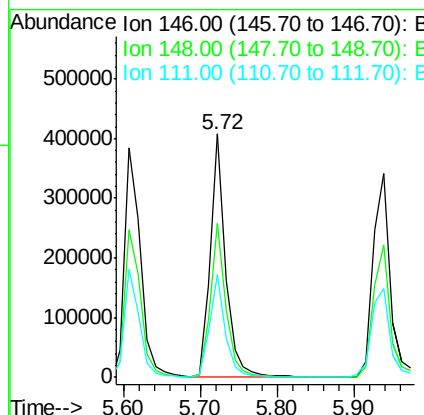
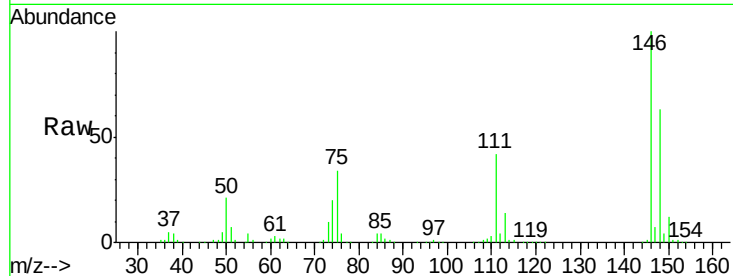
#13
1,4-Dichlorobenzene
Concen: 40.94 ng
RT: 5.72 min Scan# 353
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	42.1	36.1	54.1

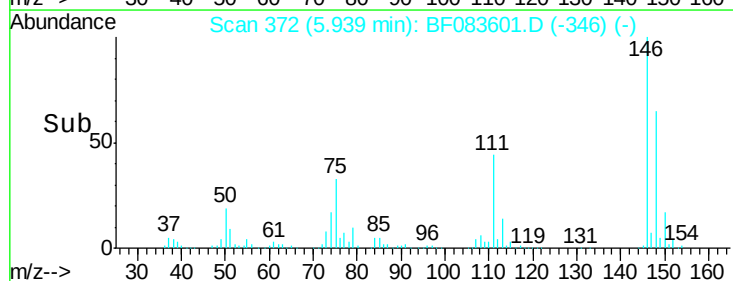
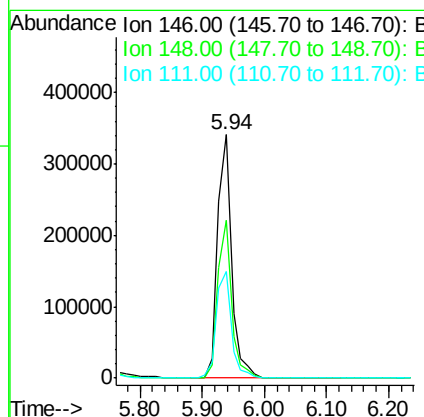
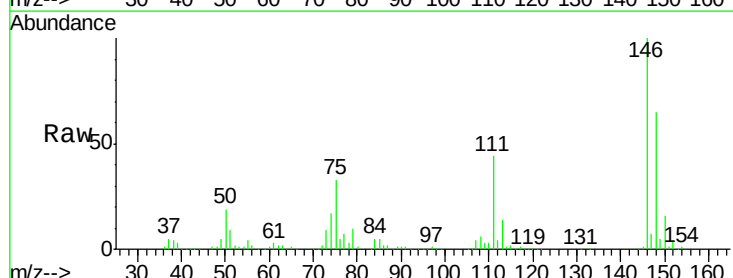
Manual Integrations
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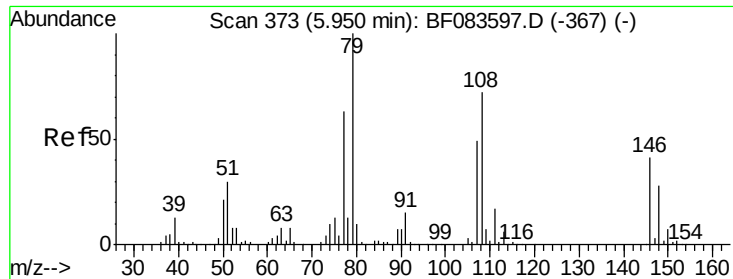
Mmdadoda
12/9/2015 6:13:20 PM



#14
1,2-Dichlorobenzene
Concen: 41.32 ng
RT: 5.94 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	43.7	36.7	55.1





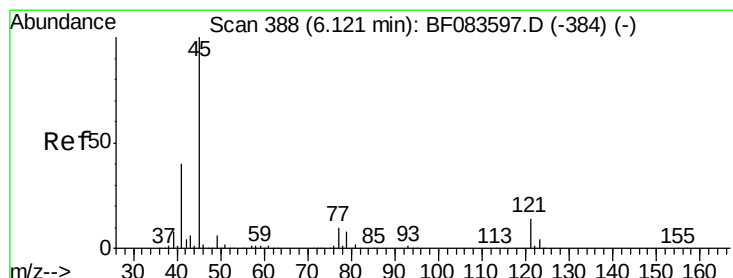
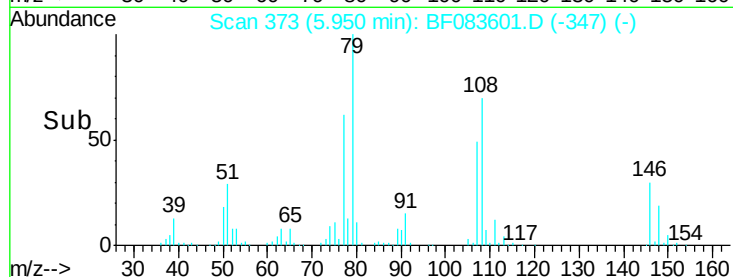
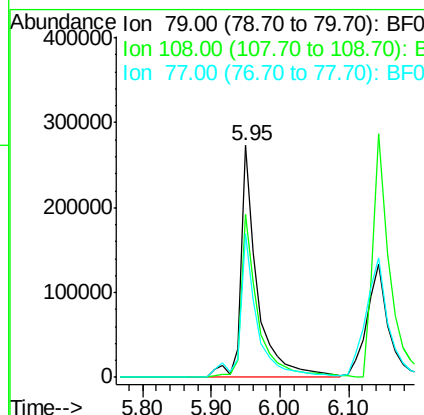
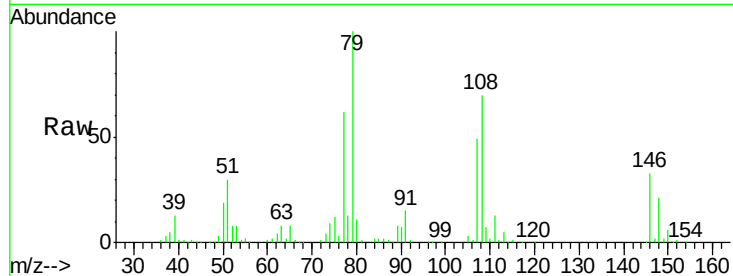
#15
Benzyl Alcohol
Concen: 44.51 ng
RT: 5.95 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	59.6	89.4
77	62.3	49.8	74.6

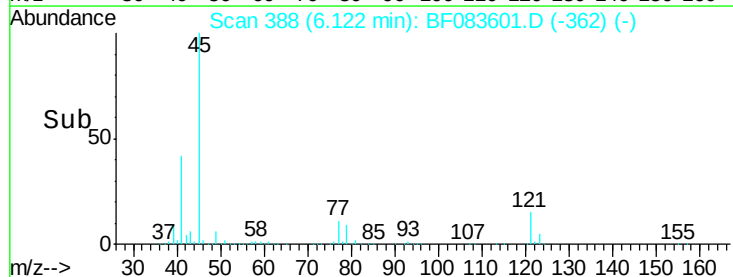
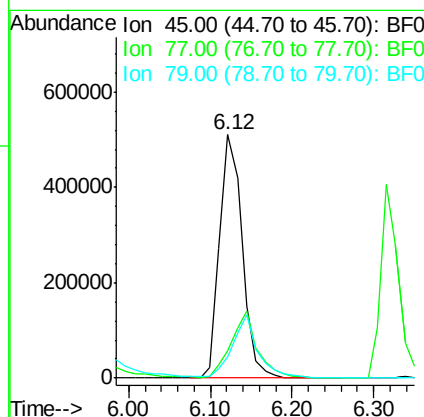
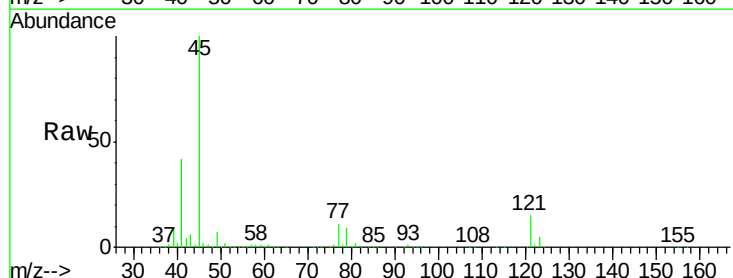
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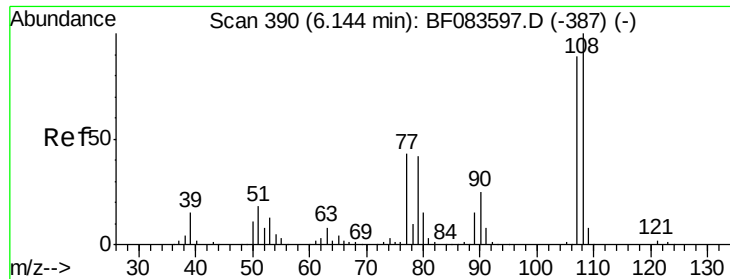
Mmdadoda
12/9/2015 6:13:20 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.14 ng
RT: 6.12 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	12.8	52.8#
79	8.7	10.7	50.7#





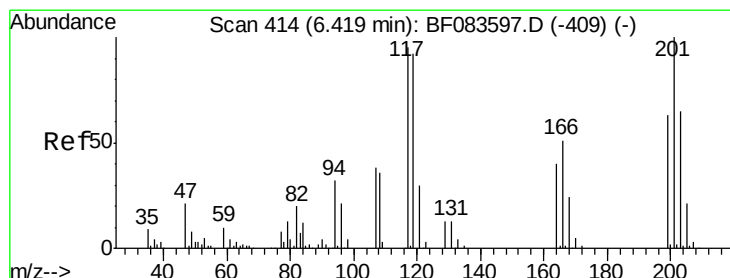
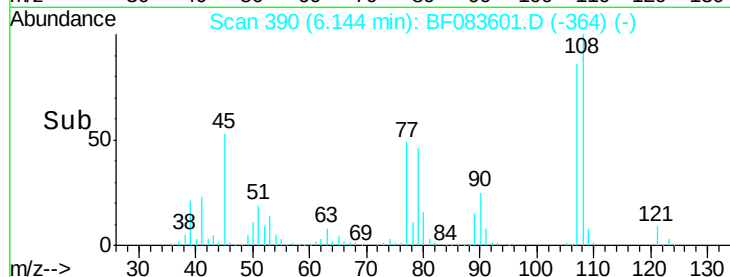
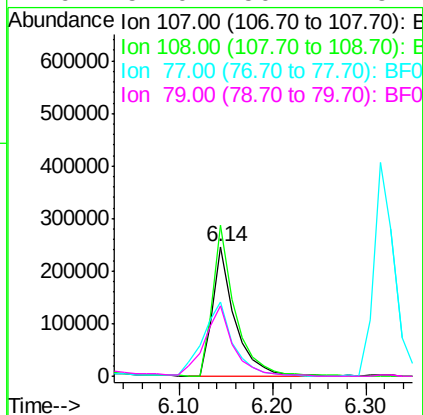
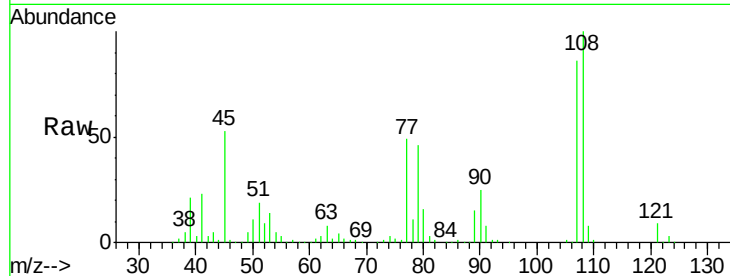
#17
2-Methylphenol
Concen: 42.15 ng
RT: 6.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion:	107	Resp:	407837
Ion Ratio	Lower	Upper	
107	100		
108	116.3	91.6	137.4
77	56.8	53.7	80.5
79	54.0	50.2	75.4

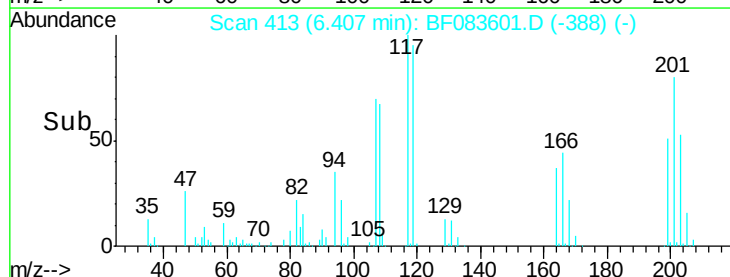
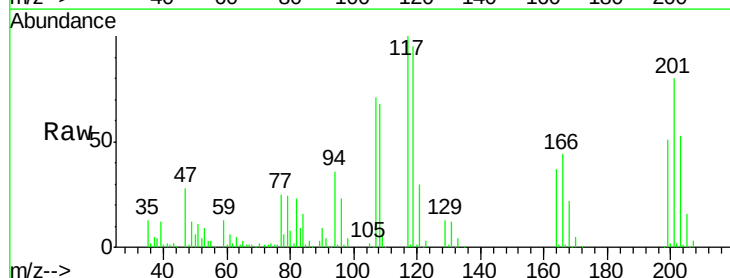
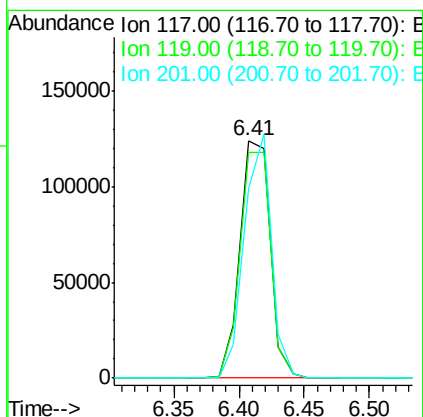
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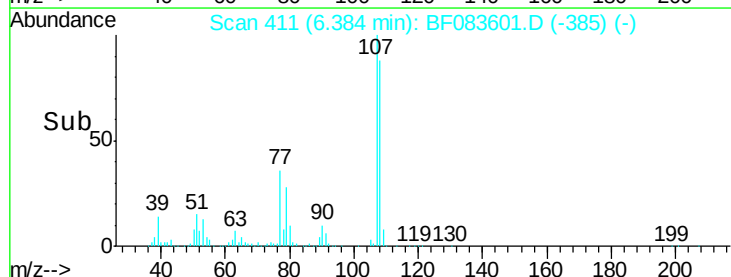
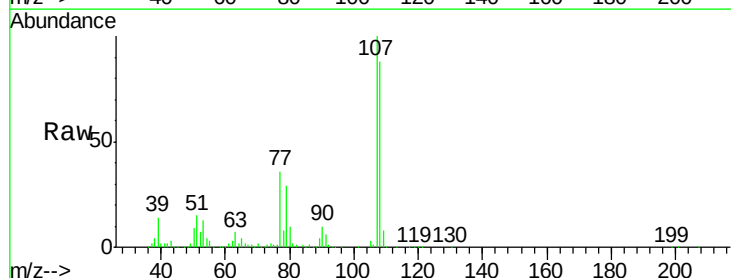
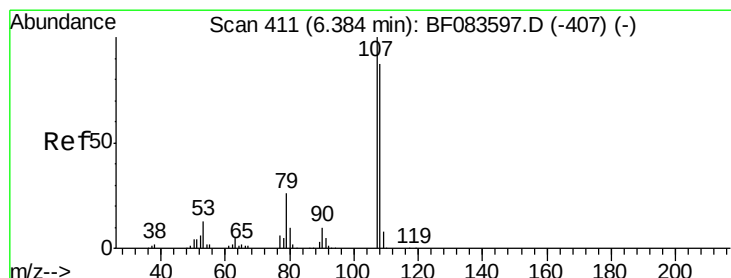
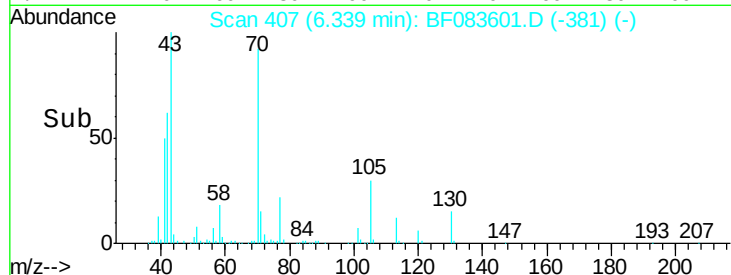
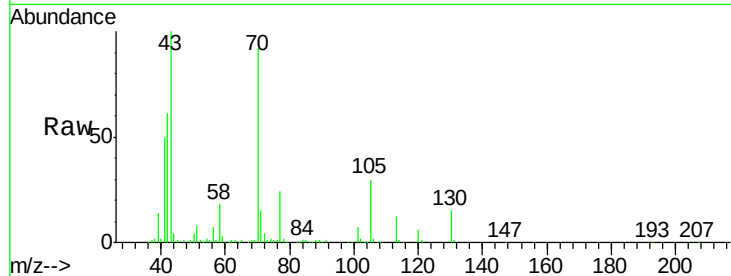
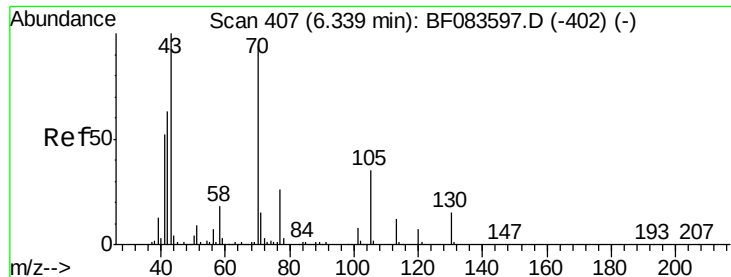
Mmdadoda
12/9/2015 6:13:20 PM



#18
Hexachloroethane
Concen: 41.55 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion:	117	Resp:	199531
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.2	115.8
201	80.0	86.8	130.2#





#19

n-Nitroso-di-n-propylamine

Concen: 41.11 ng

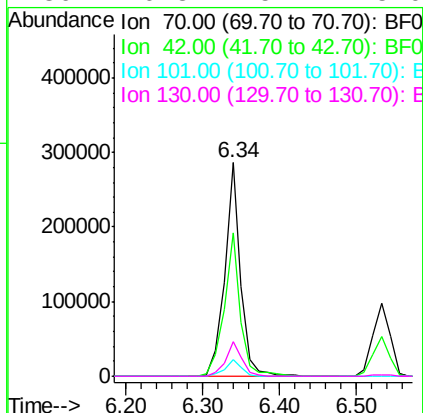
RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.0	49.2	73.8	
101	8.1	7.1	10.7	
130	16.3	15.4	23.0	



Instrument :

BNA_F

ClientSampleId :

ICVBF120815

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#20

3+4-Methylphenols

Concen: 40.94 ng

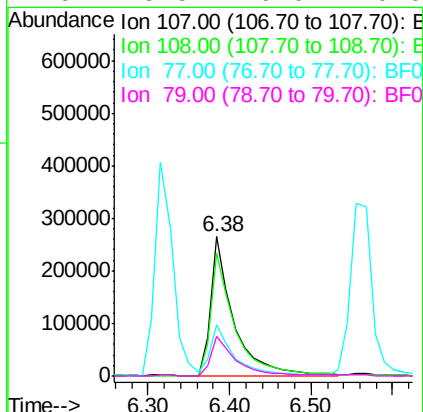
RT: 6.38 min Scan# 411

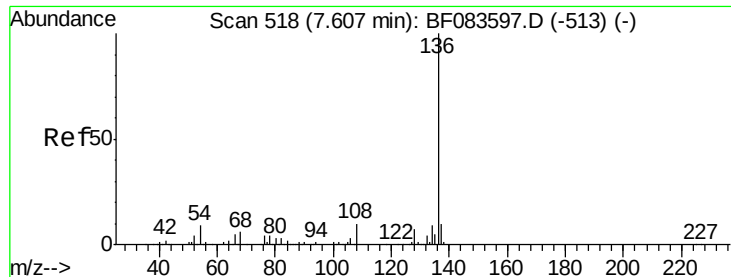
Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	65.2	105.2	
77	36.4	15.2	55.2	
79	28.5	6.0	46.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

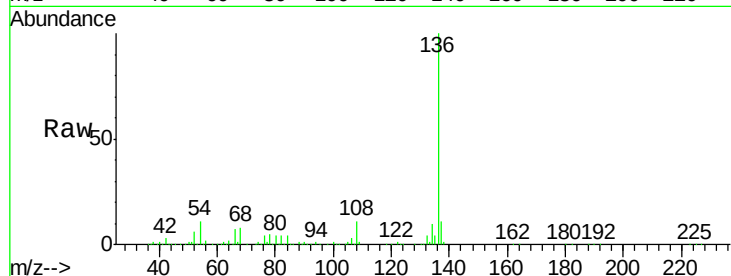
ClientSampleId :

ICVBF120815

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		660266		
137	11.1		8.7	13.1	
54	11.4		7.8	11.6	
68	8.1		5.7	8.5	

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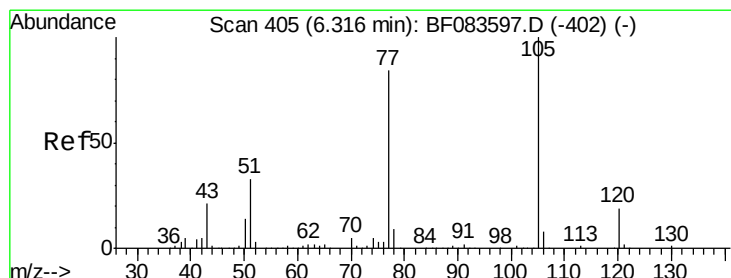
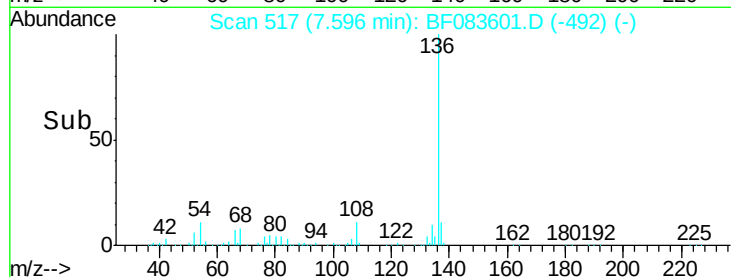
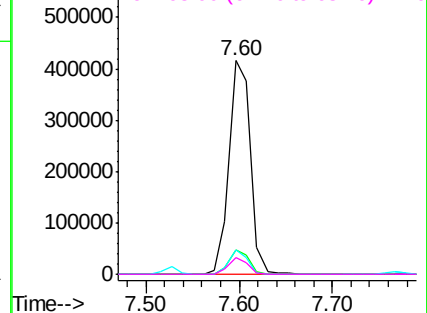
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.84 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		756411		
71	1.3		1.3	1.9#	
51	33.3		23.8	35.8	
120	19.8		16.7	25.1	

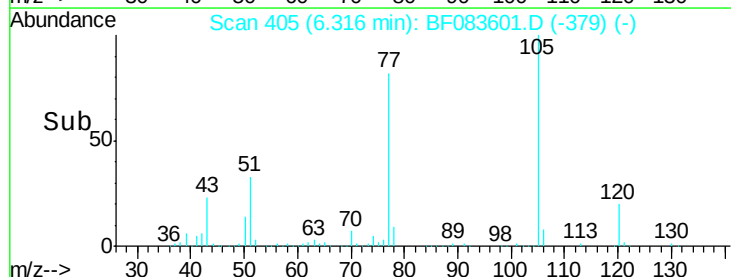
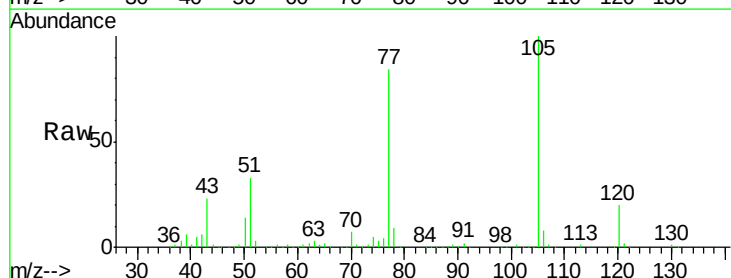
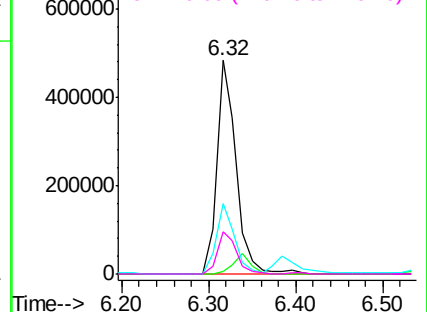
Abundance

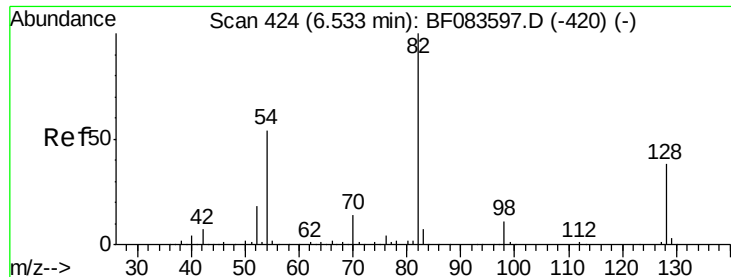
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





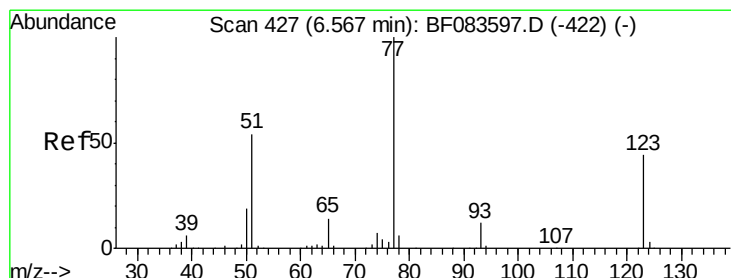
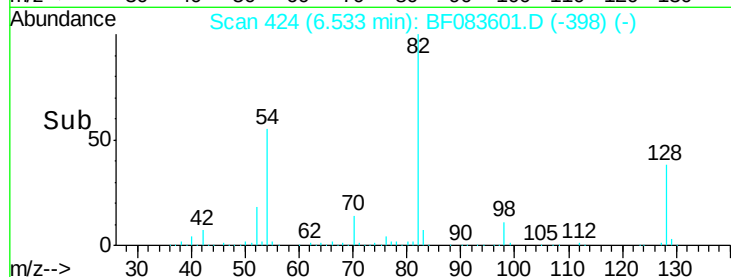
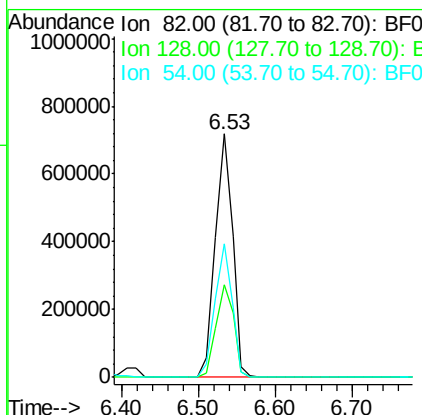
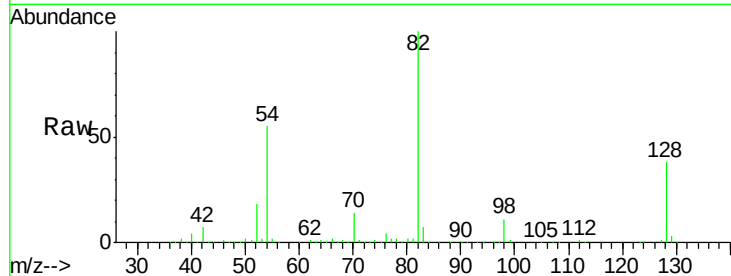
#23
Nitrobenzene-d5
Concen: 80.22 ng
RT: 6.53 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	82	Resp	1135095
Ion Ratio	100	Lower	Upper
128	38.0	30.7	46.1
54	54.8	42.5	63.7

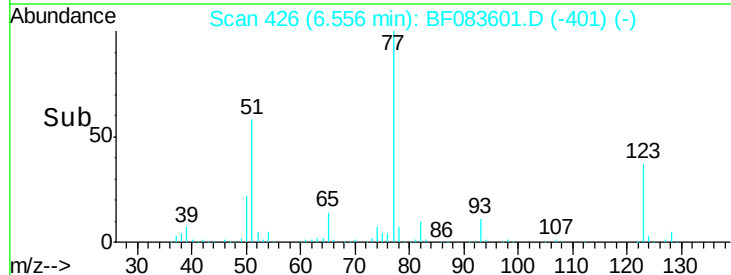
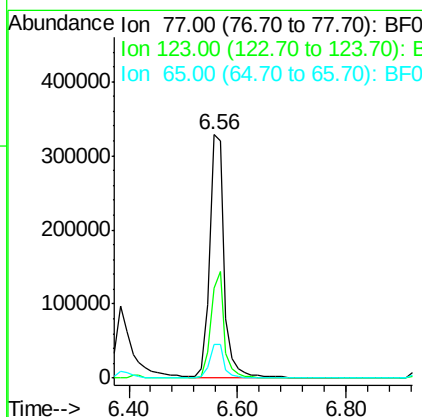
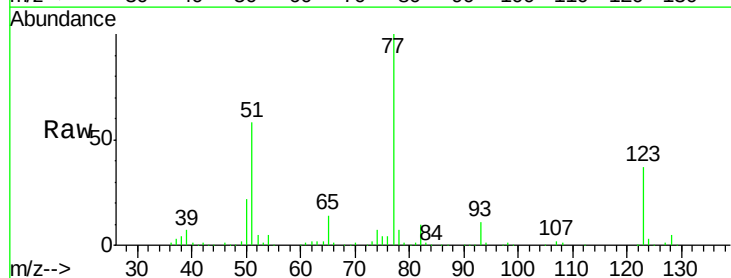
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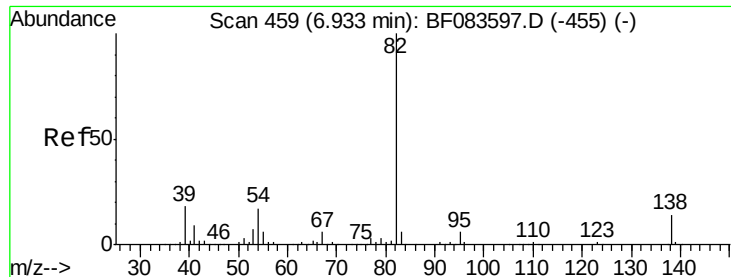
Mmdadoda
12/9/2015 6:13:20 PM



#24
Nitrobenzene
Concen: 39.53 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	77	Resp	618216
Ion Ratio	100	Lower	Upper
123	37.1	29.8	44.6
65	14.0	11.1	16.7





#25

Isophorone

Concen: 40.31 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

ClientSampleId :

ICVBF120815

Tot Ion: 82 Resp: 1107007

Ion Ratio Lower Upper

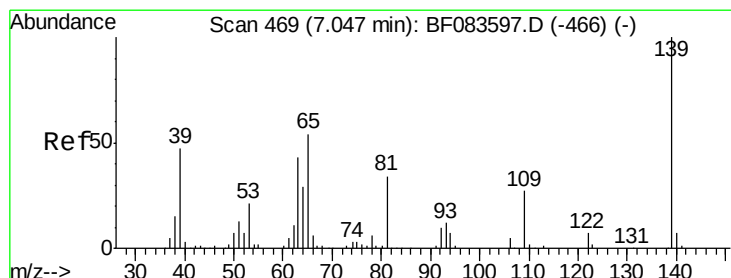
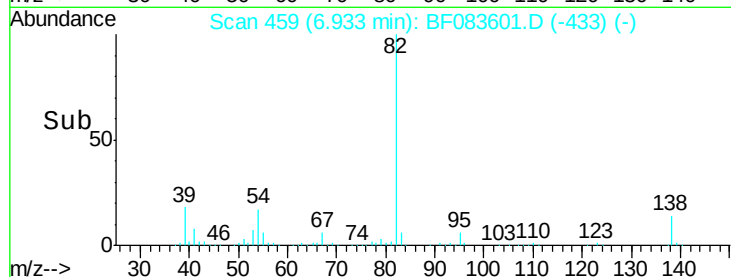
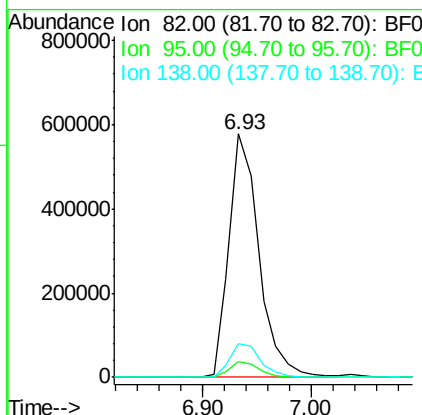
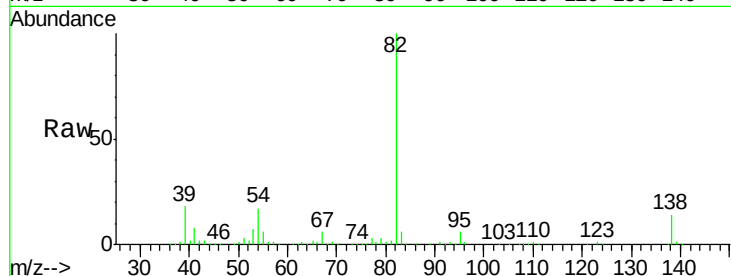
82 100

95 6.4 5.0 7.4

138 14.1 12.1 18.1

Manual Integrations
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12/9/2015 6:13:20 PM



#26

2-Nitrophenol

Concen: 42.24 ng

RT: 7.04 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

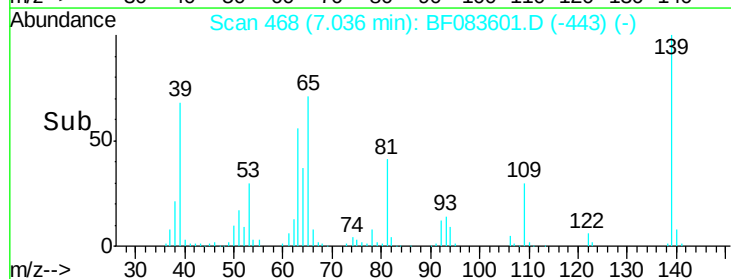
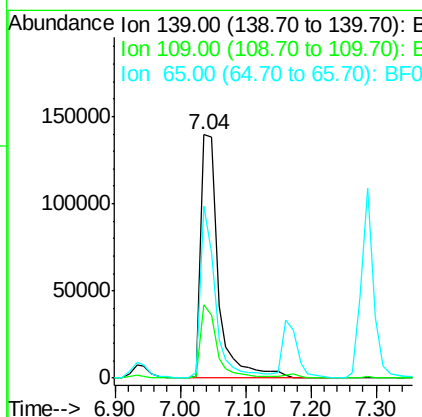
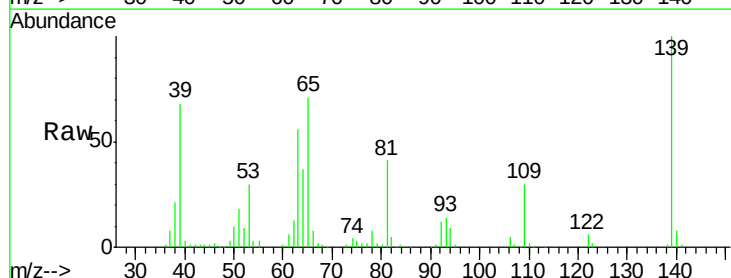
Tgt Ion: 139 Resp: 262331

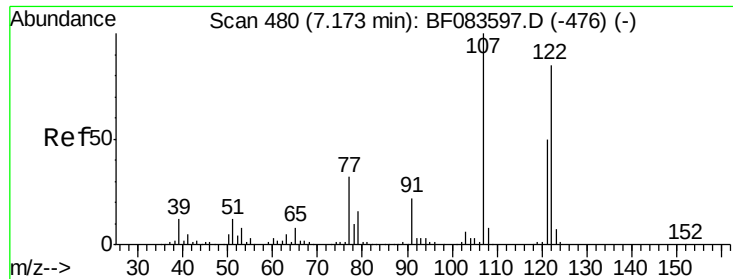
Ion Ratio Lower Upper

139 100

109 30.3 22.7 34.1

65 70.9 51.8 77.8





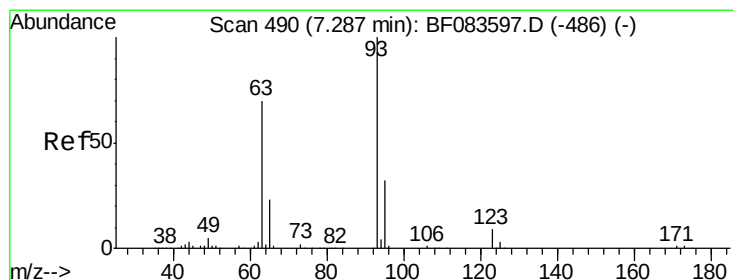
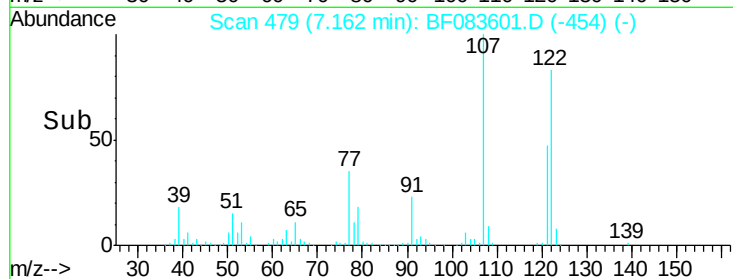
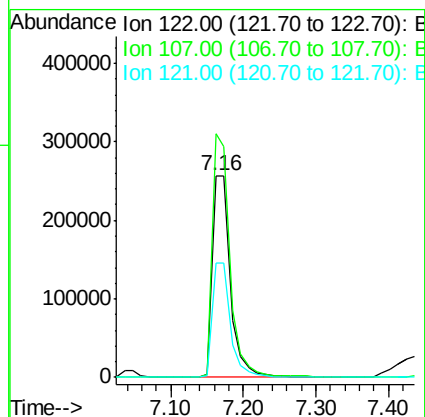
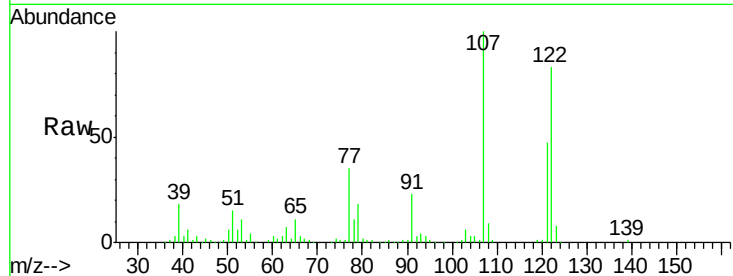
#27
 2,4-Dimethylphenol
 Concen: 40.68 ng
 RT: 7.16 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Tot Ion	Ratio	Resp	Lower	Upper
122	100	441890		
107	120.9	92.4	138.6	
121	56.6	45.8	68.6	

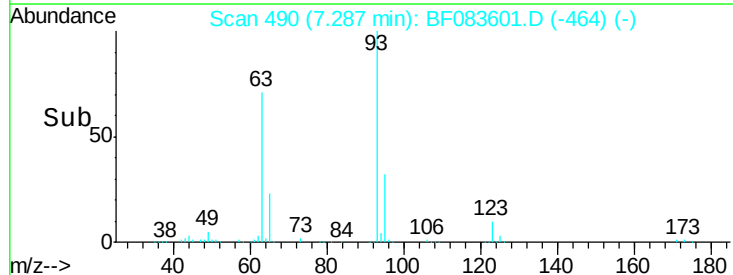
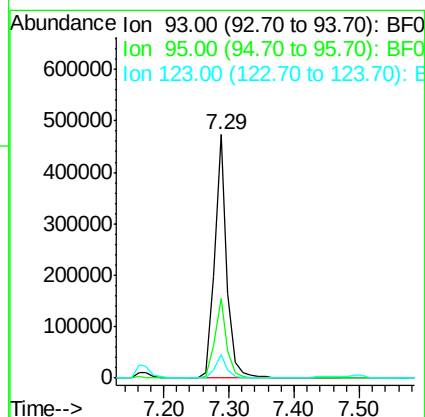
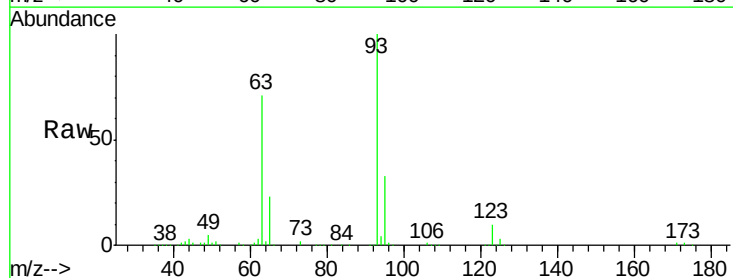
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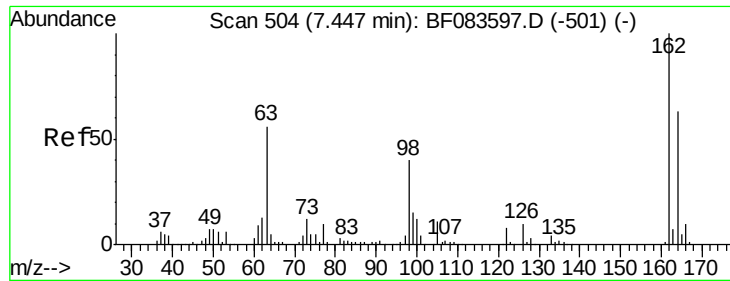
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.80 ng
 RT: 7.29 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	622080		
95	32.7	25.6	38.4	
123	9.6	7.3	10.9	





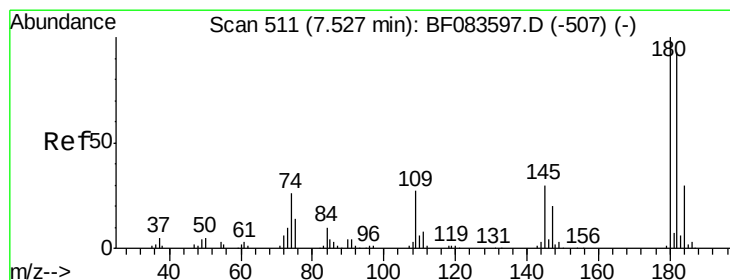
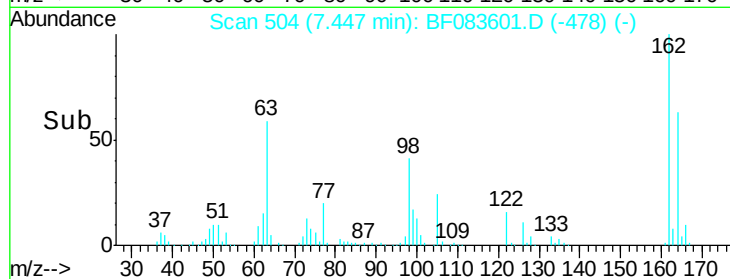
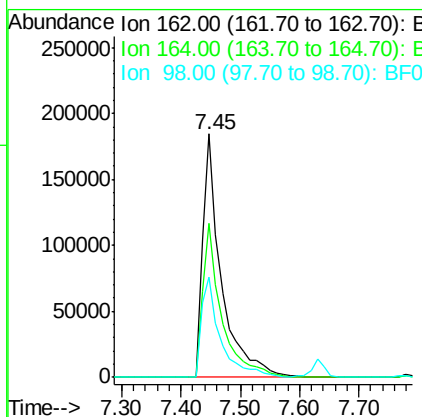
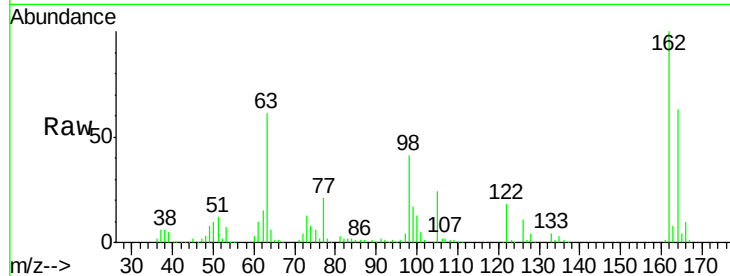
#29
 2,4-Dichlorophenol
 Concen: 41.26 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Tot Ion:	162	Resp:	407629
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.4	83.4
98	40.9	17.5	57.5

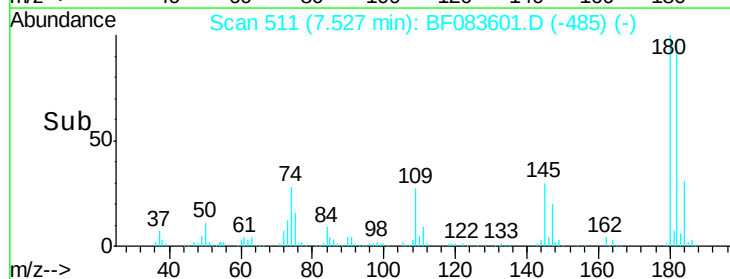
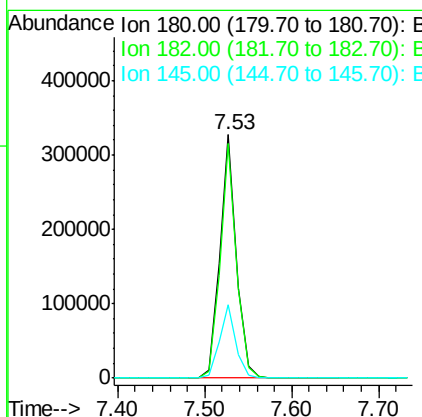
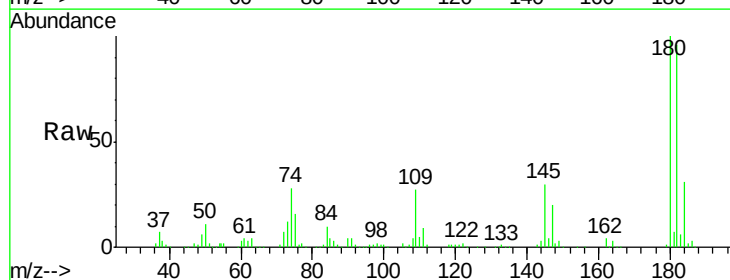
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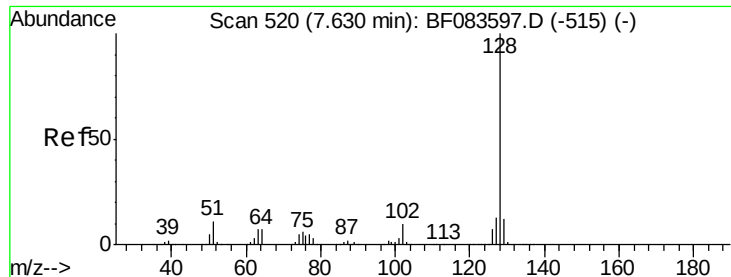
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.90 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion:	180	Resp:	435394
Ion Ratio	Lower	Upper	
180	100		
182	96.3	74.9	112.3
145	30.0	24.7	37.1





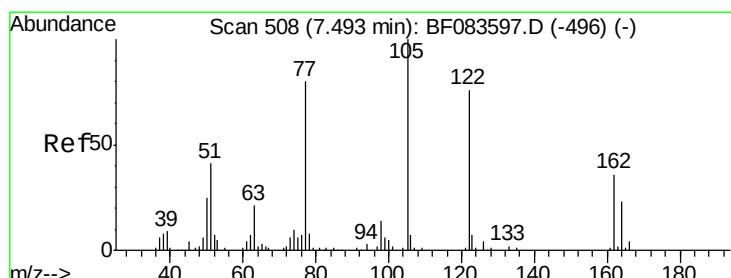
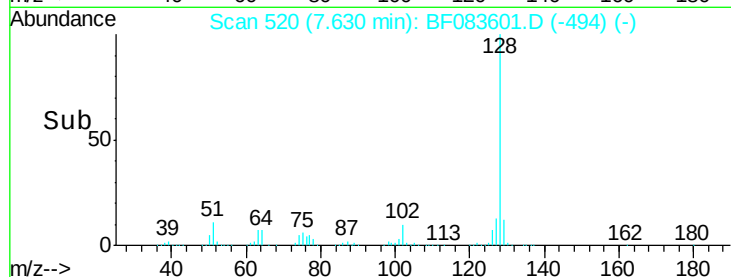
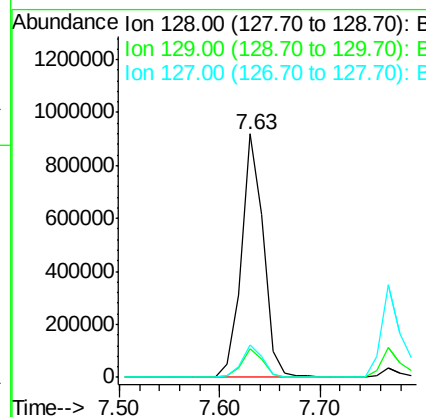
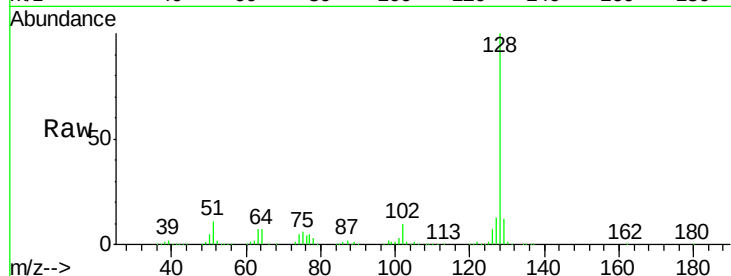
#31
Naphthalene
Concen: 39.71 ng
RT: 7.63 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion:128 Resp: 1388729
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.1 10.6 16.0

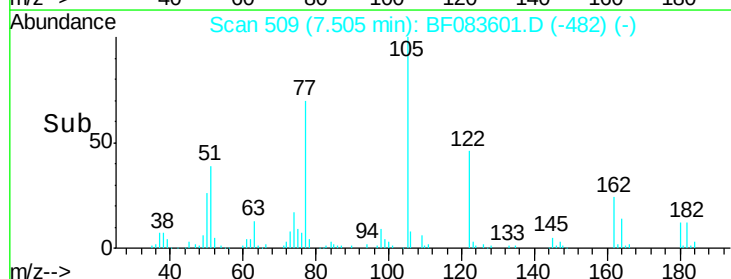
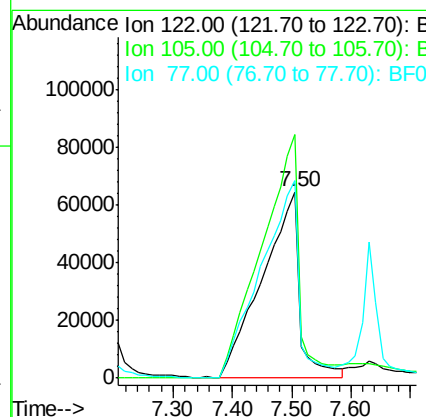
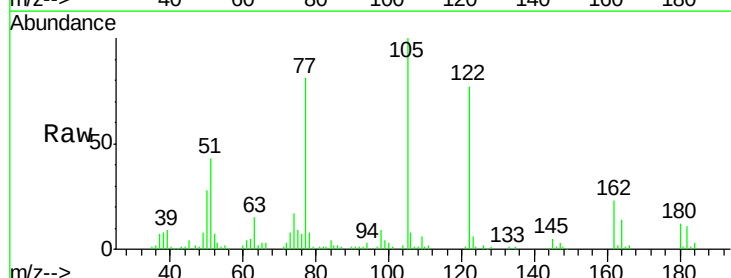
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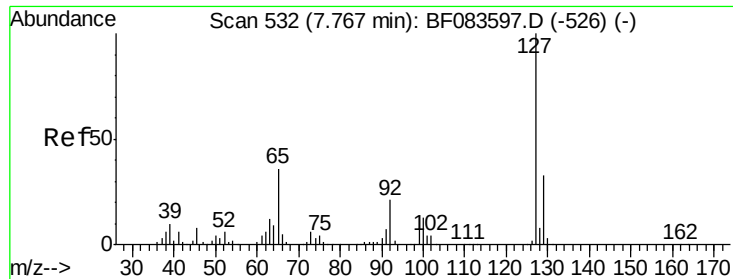
Mmdadoda
12/9/2015 6:13:20 PM



#32
Benzoic acid
Concen: 41.28 ng
RT: 7.50 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion:122 Resp: 284303
Ion Ratio Lower Upper
122 100
105 130.6 105.6 145.6
77 105.9 86.8 126.8





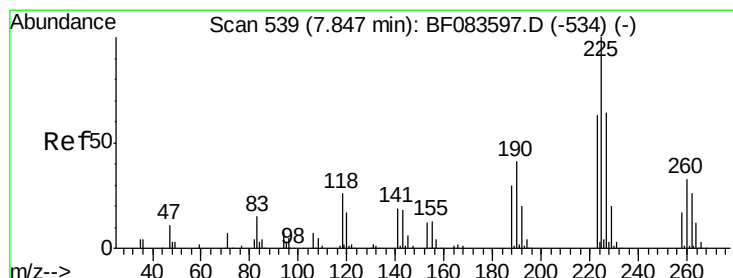
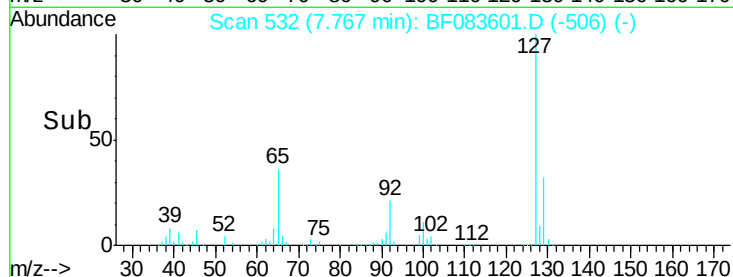
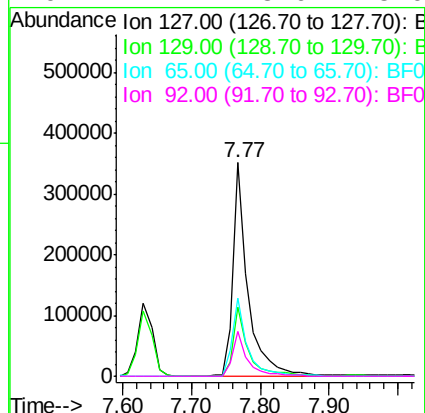
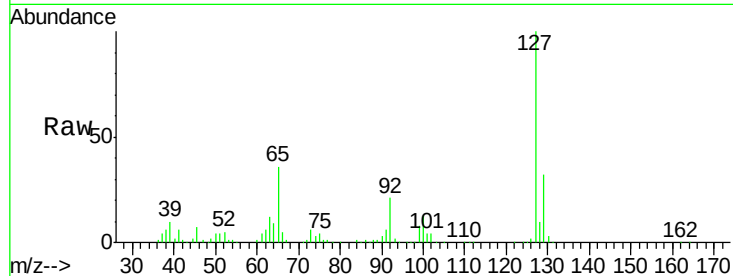
#33
4-Chloroaniline
Concen: 41.96 ng
RT: 7.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3		26.1	39.1	
65	36.3		33.5	50.3	
92	21.2		18.6	28.0	

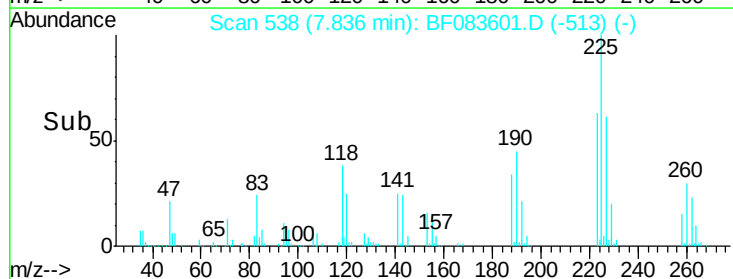
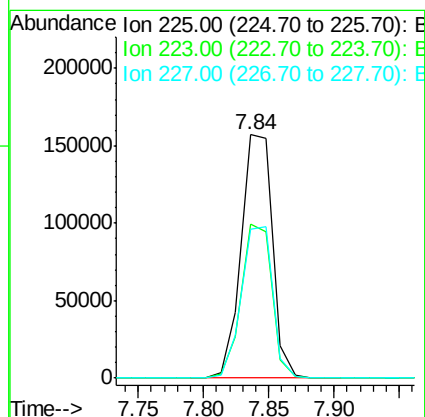
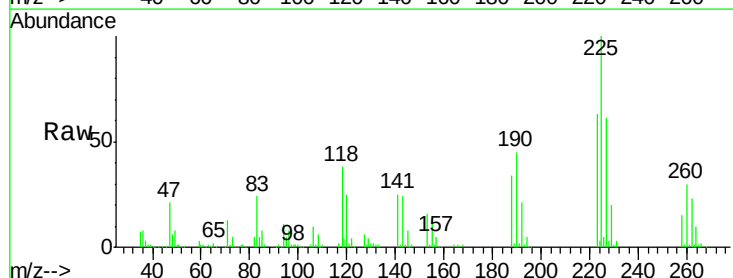
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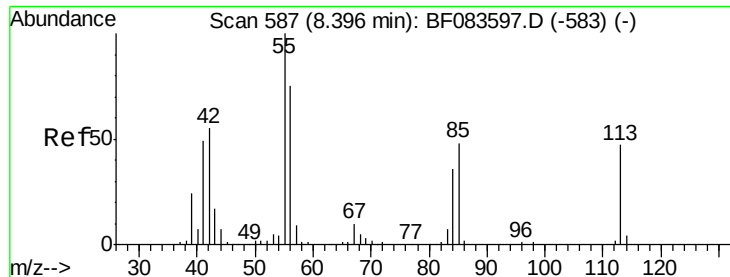
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#34
Hexachlorobutadiene
Concen: 41.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2		52.3	78.5	
227	61.1		50.4	75.6	





#35

Caprolactam

Concen: 43.75 ng

RT: 8.40 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

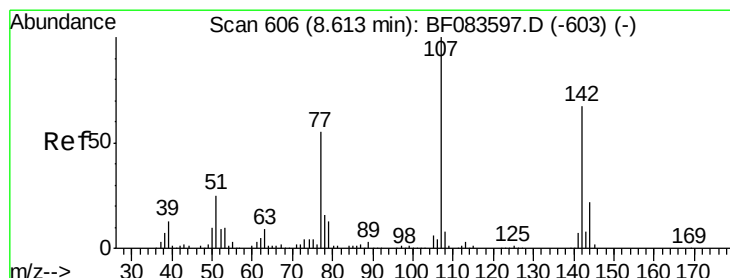
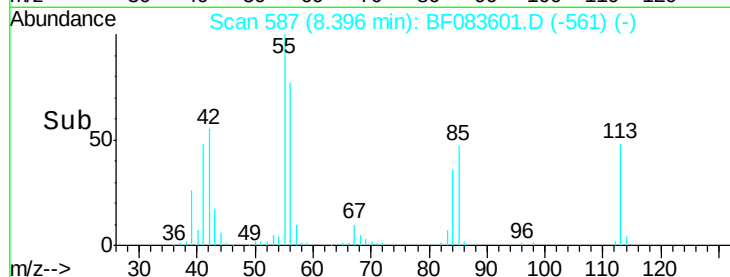
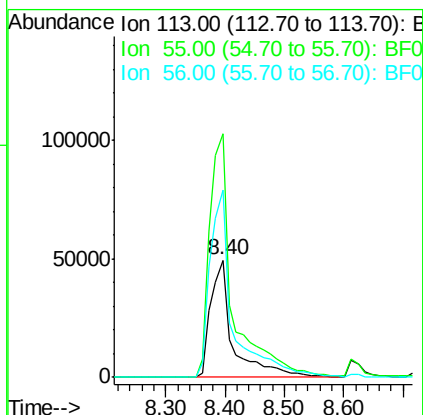
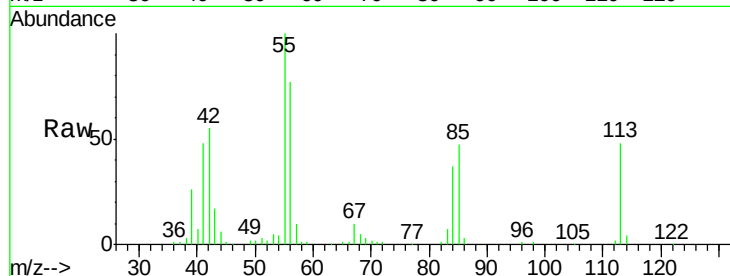
ClientSampleId :

ICVBF120815

Tot Ion:	113	Resp:	129724
Ion Ratio	Lower	Upper	
113	100		
55	207.3	189.7	229.7
56	159.3	130.7	170.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.10 ng

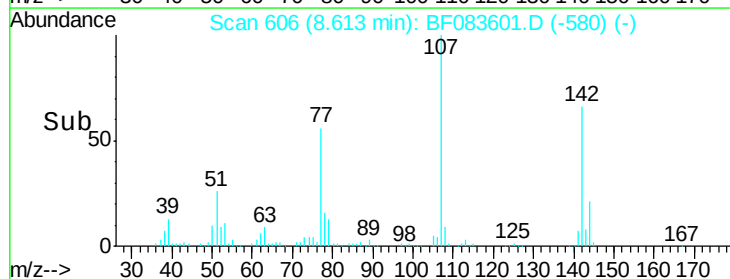
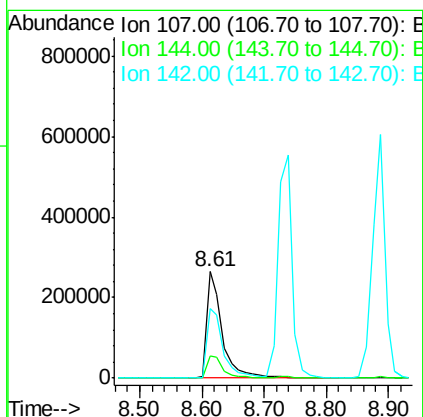
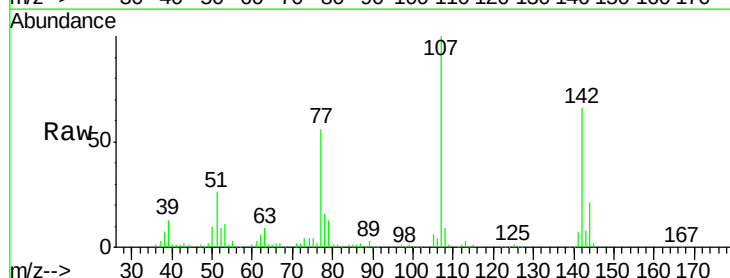
RT: 8.61 min Scan# 606

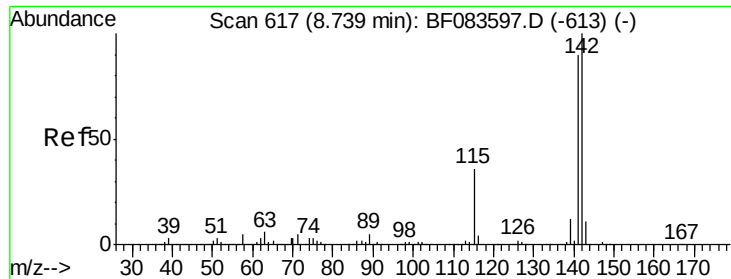
Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Tgt Ion:	107	Resp:	456223
Ion Ratio	Lower	Upper	
107	100		
144	21.4	17.5	26.3
142	65.8	53.6	80.4





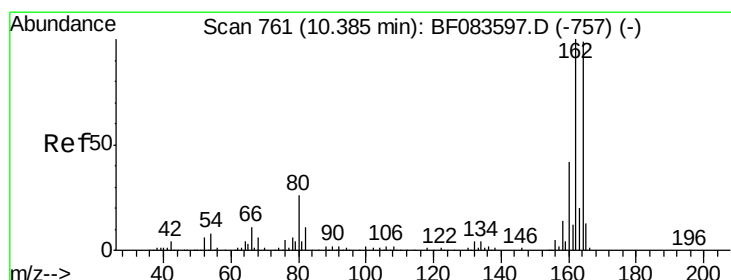
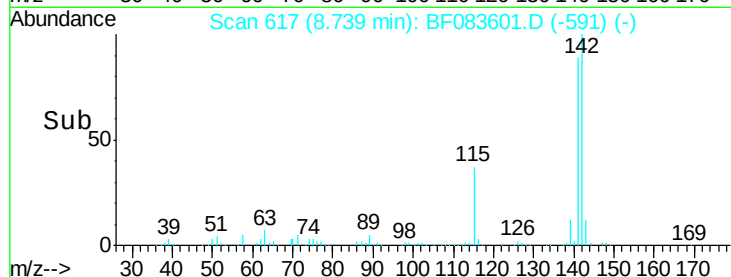
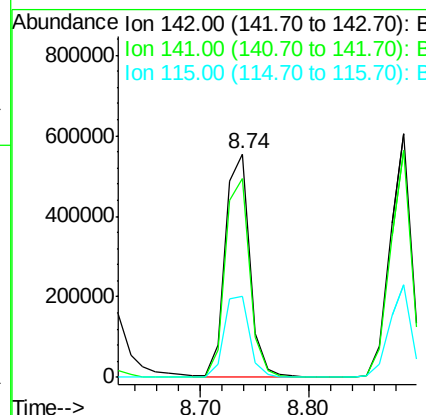
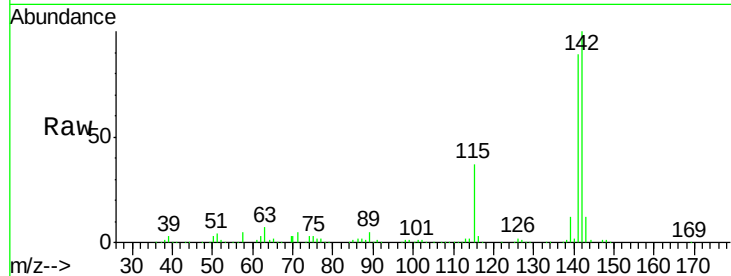
#37
2-Methylnaphthalene
Concen: 39.48 ng
RT: 8.74 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	36.6	29.2	43.8

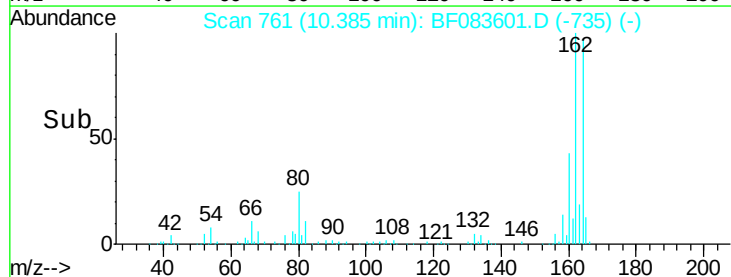
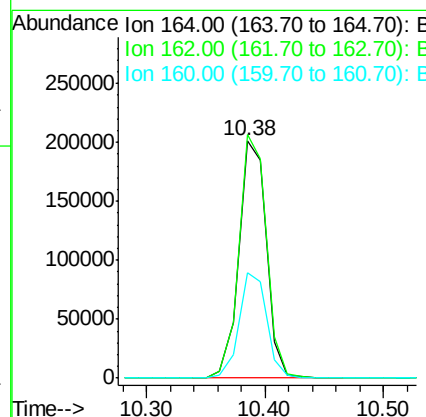
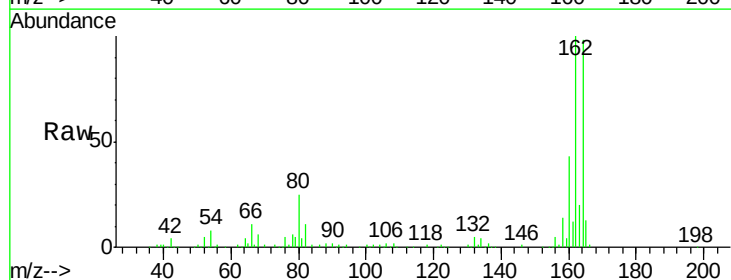
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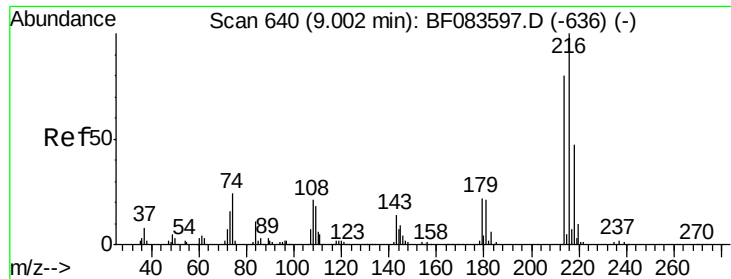
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	44.5	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.92 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

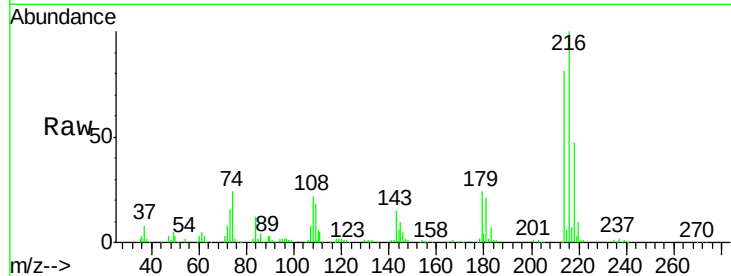
ClientSampleId :

ICVBF120815

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.1	0.0	0.0#
179	21.5	0.0	0.0#
108	19.3	0.0	0.0#

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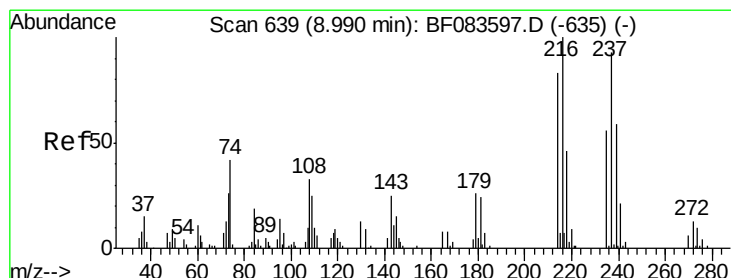
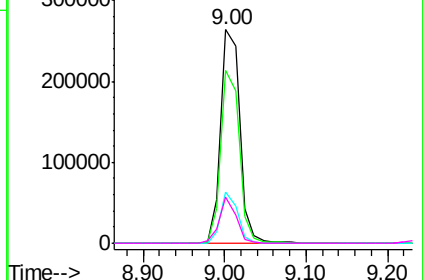
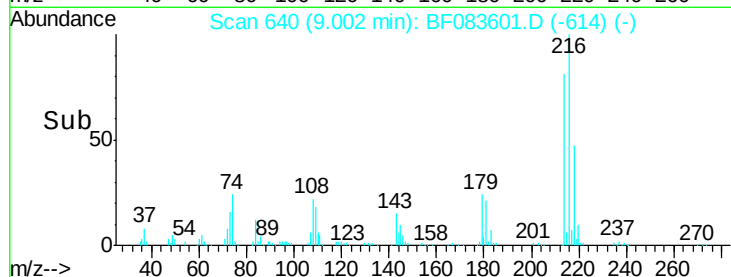


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.43 ng

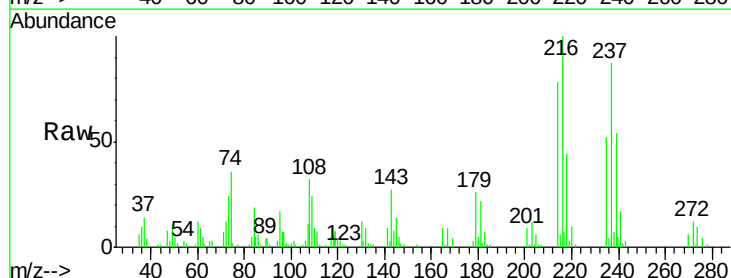
RT: 8.99 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

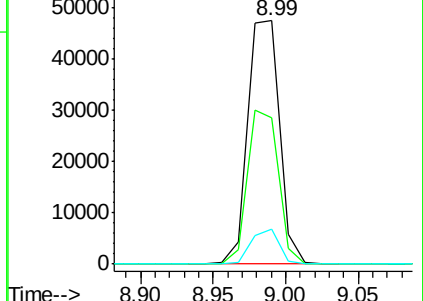
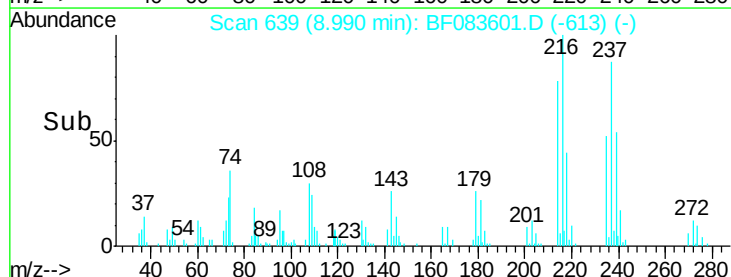
Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.9	43.9	83.9
272	14.1	0.0	31.8

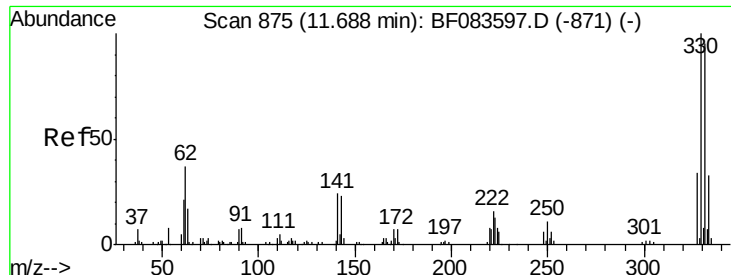


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





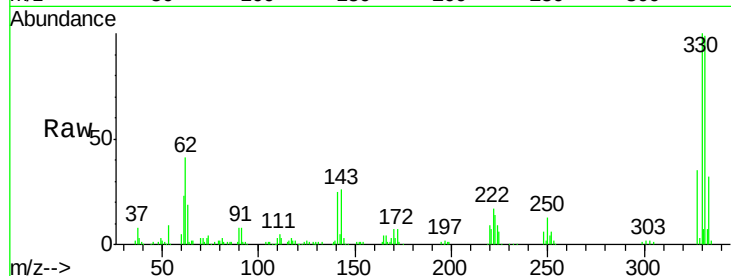
#41
 2,4,6-Tribromophenol
 Concen: 83.96 ng
 RT: 11.69 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

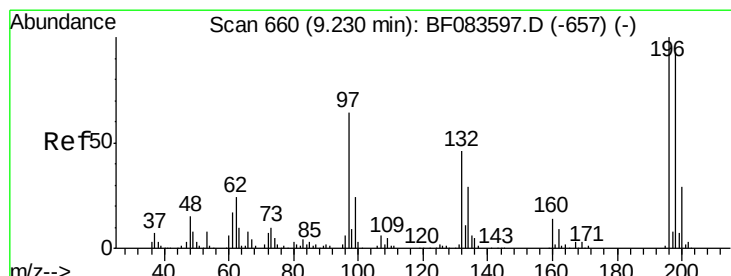
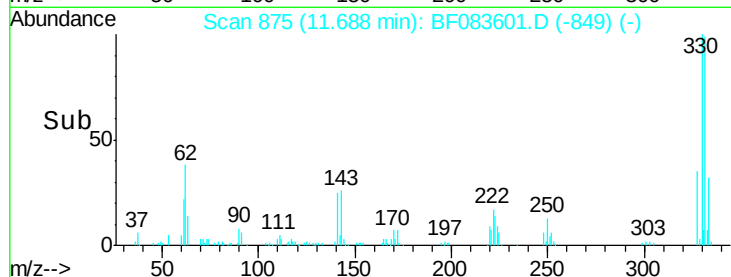
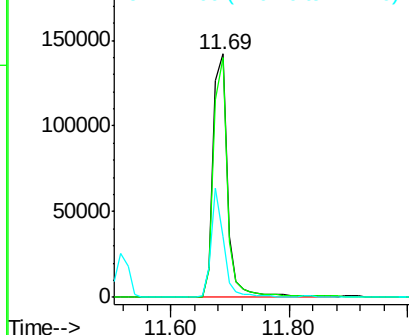
Tot Ion	Ratio	Resp	Lower	Upper
330	100	243922		
332	95.7	0.0	0.0	0.0
141	38.3	0.0	0.0	0.0

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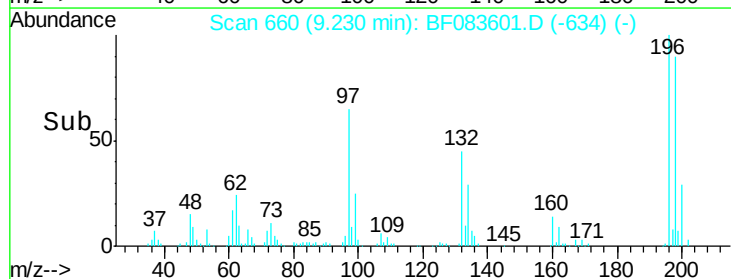
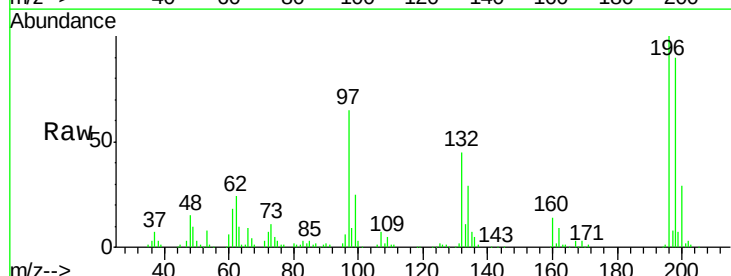
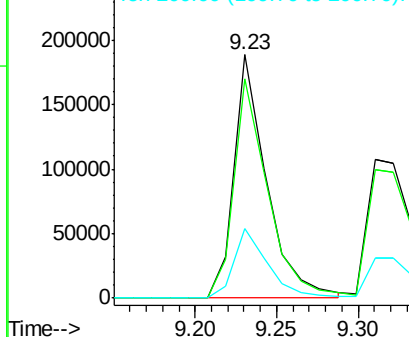
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

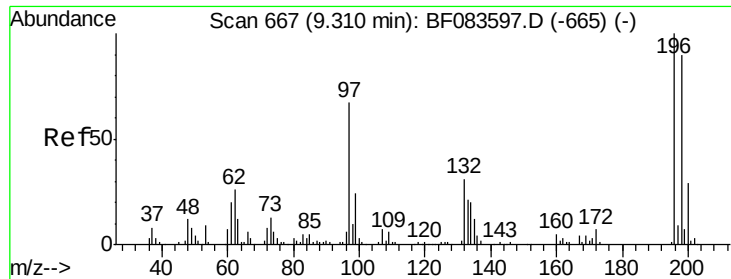


#42
 2,4,6-Trichlorophenol
 Concen: 41.01 ng
 RT: 9.23 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261257		
198	90.0	75.2	112.8	
200	28.8	23.0	34.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





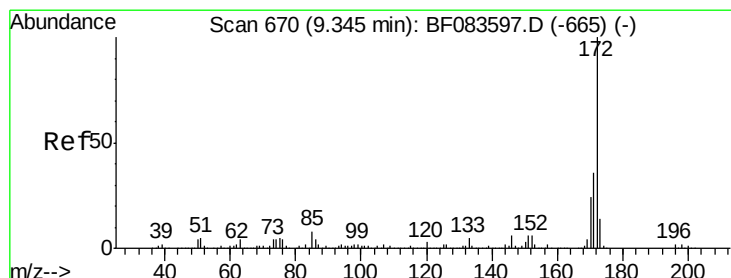
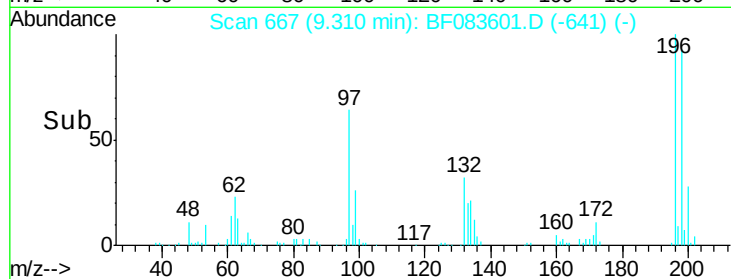
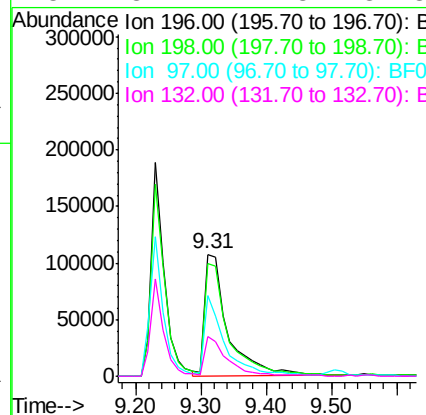
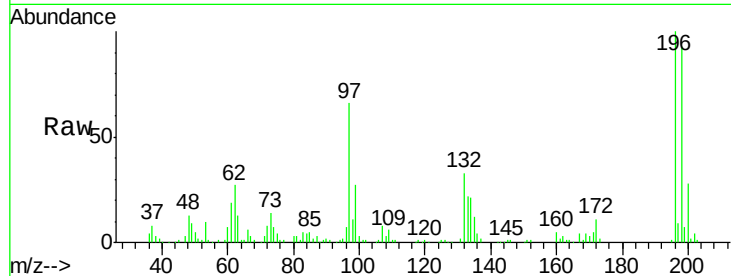
#43
 2,4,5-Trichlorophenol
 Concen: 41.75 ng
 RT: 9.31 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263301		
198	92.7	77.7	116.5	
97	66.3	41.2	61.8	
132	32.7	21.8	32.8	

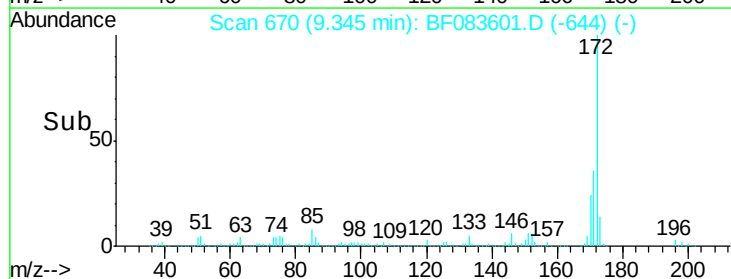
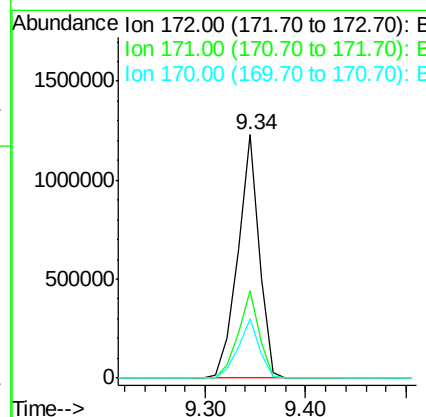
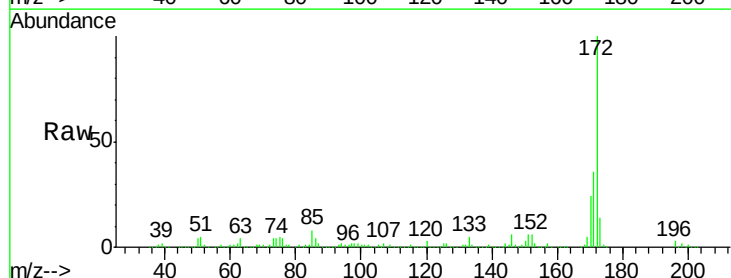
Manual Integrations
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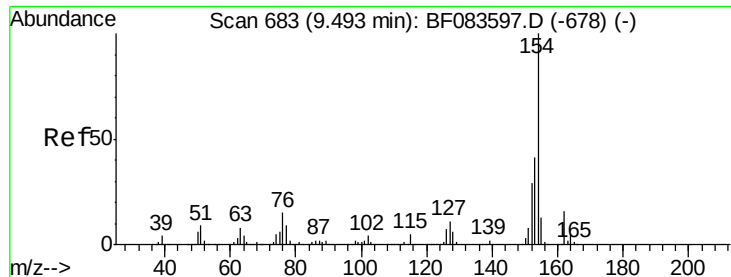
Mmdadoda
 12/9/2015 6:13:20 PM



#44
 2-Fluorobiphenyl
 Concen: 78.04 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1808018		
171	36.0	28.6	42.8	
170	24.4	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 39.64 ng

RT: 9.49 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

ClientSampleId :

ICVBF120815

Tot Ion:154 Resp: 1123651

Ion Ratio Lower Upper

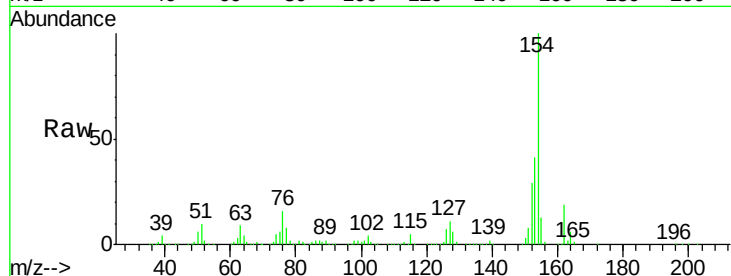
154 100

153 41.0 20.2 60.2

76 15.7 0.0 34.8

Manual Integrations
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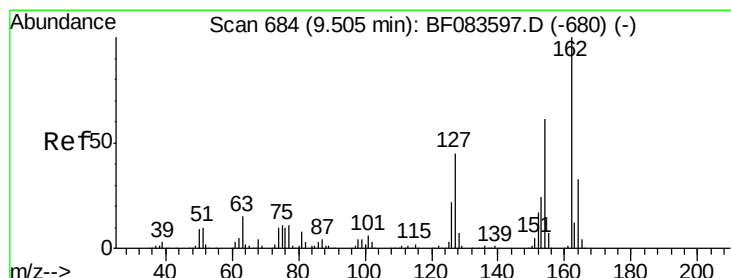
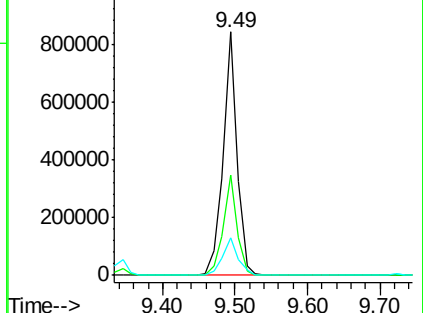
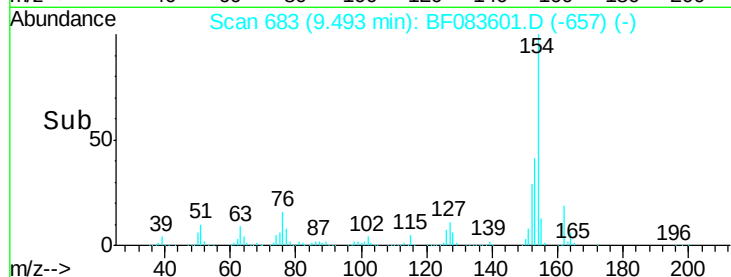
Mmdadoda
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.37 ng

RT: 9.50 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

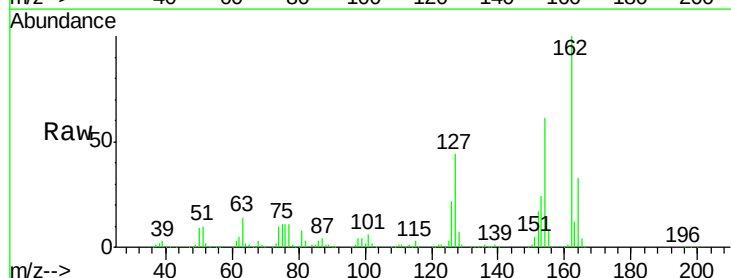
Tgt Ion:162 Resp: 863836

Ion Ratio Lower Upper

162 100

127 44.1 31.0 46.4

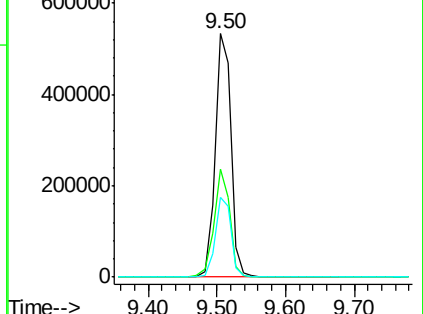
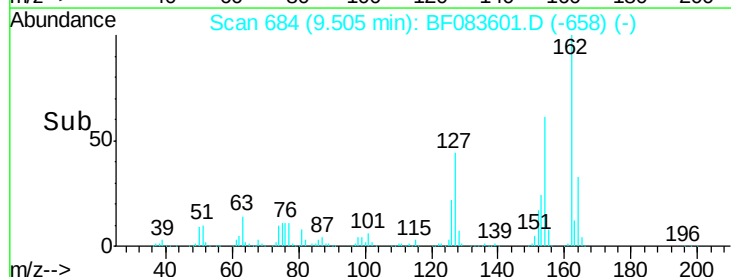
164 33.0 27.4 41.0

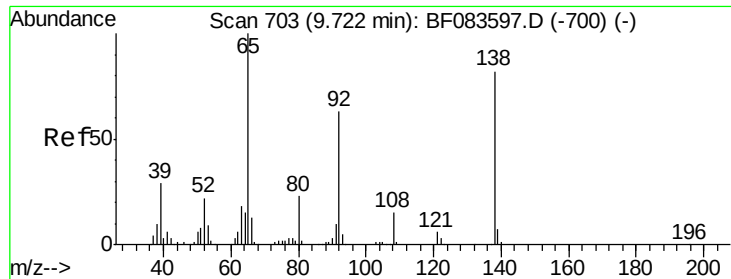


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





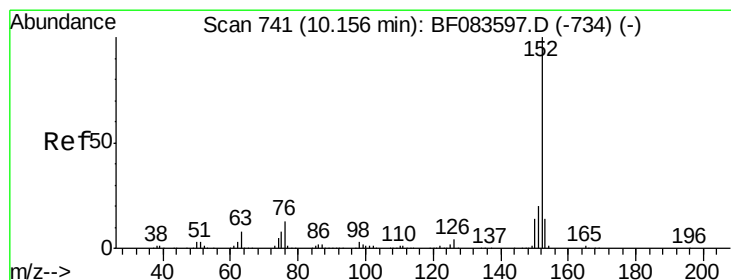
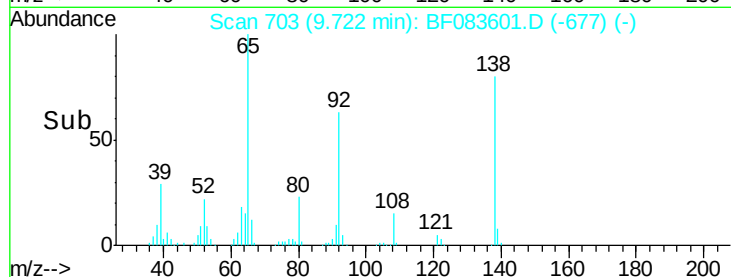
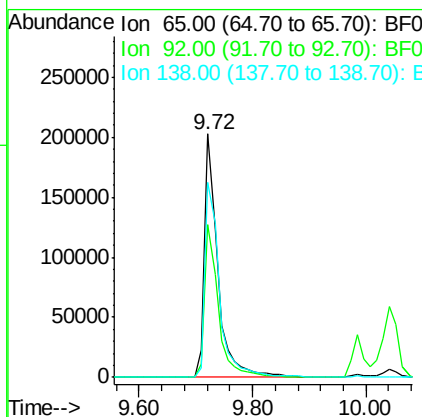
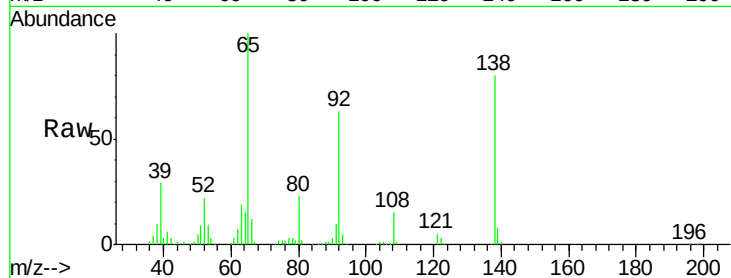
#47
2-Nitroaniline
Concen: 41.45 ng
RT: 9.72 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Resp	Lower	Upper
65	100	319929		
92	62.9	49.6	74.4	
138	80.2	64.1	96.1	

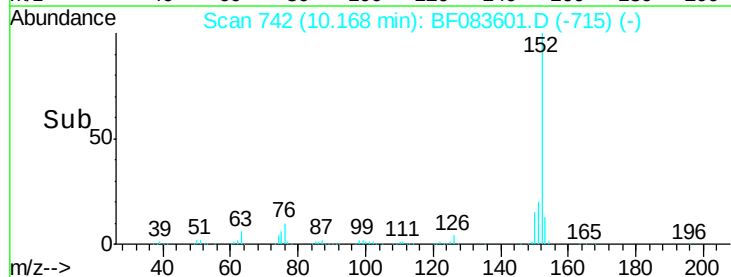
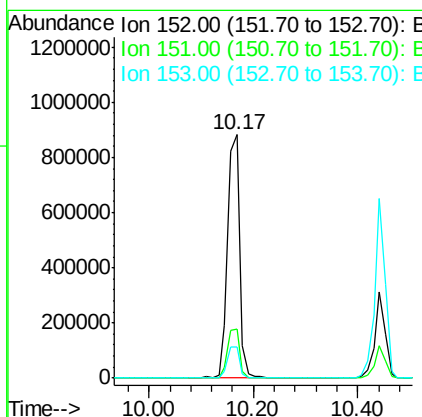
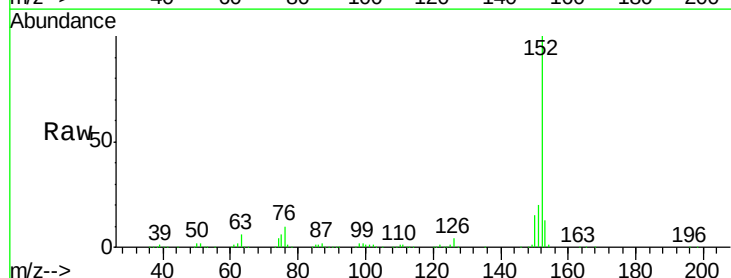
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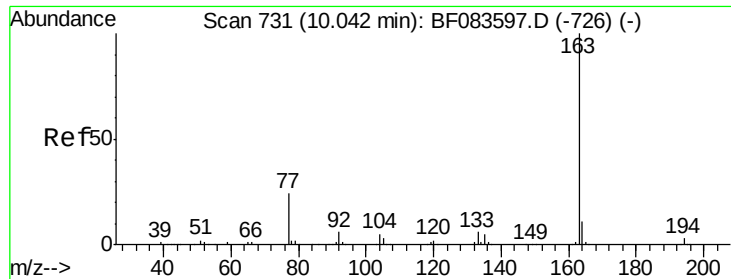
Mmdadoda
12/9/2015 6:13:20 PM



#48
Acenaphthylene
Concen: 40.13 ng
RT: 10.17 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1415938		
151	20.0	16.3	24.5	
153	13.0	10.8	16.2	





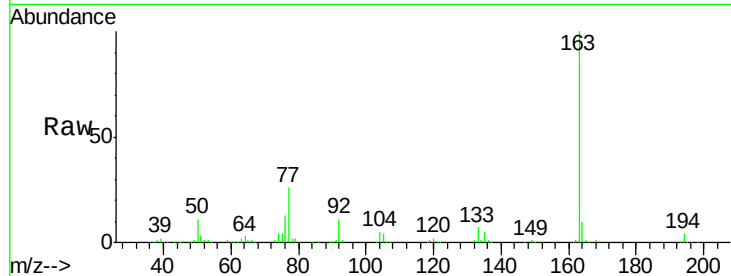
#49
Dimethylphthalate
Concen: 40.20 ng
RT: 10.04 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

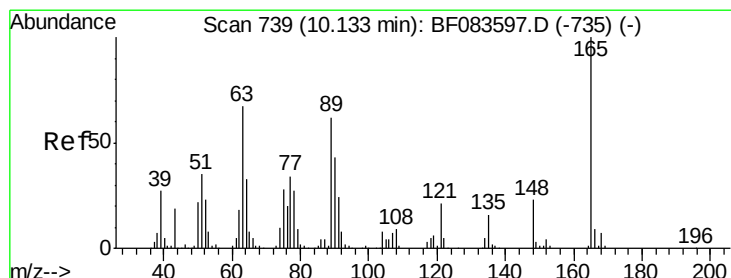
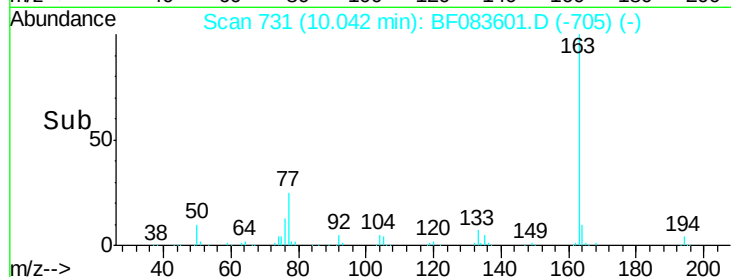
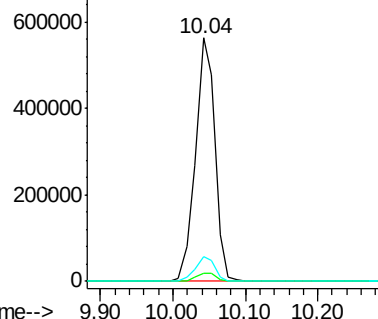
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.4	8.6	13.0

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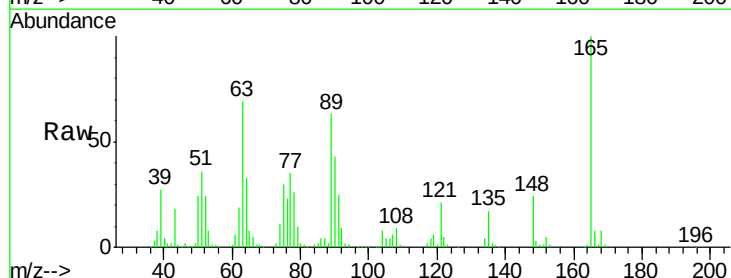


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

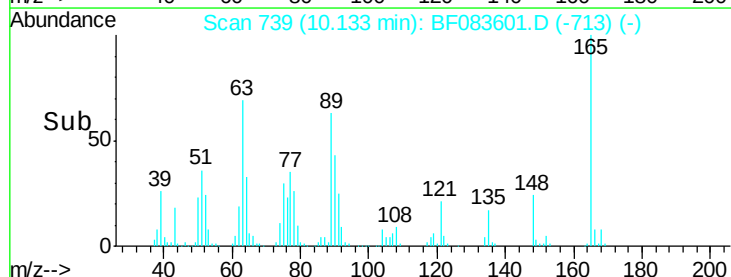
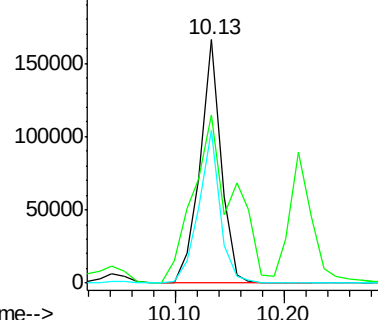


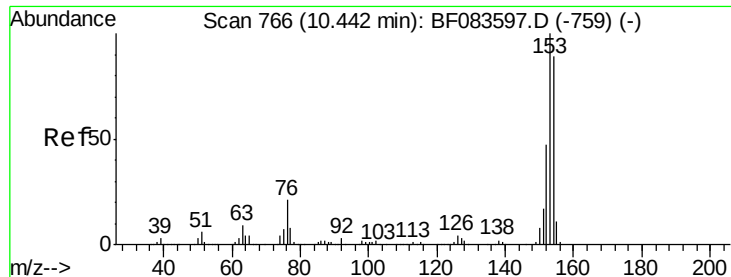
#50
2,6-Dinitrotoluene
Concen: 41.46 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.2	56.9	85.3
89	62.6	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: 39.78 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

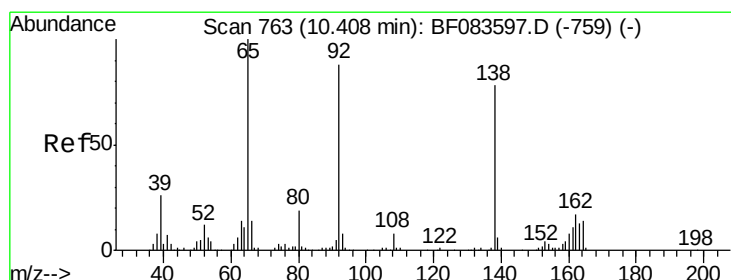
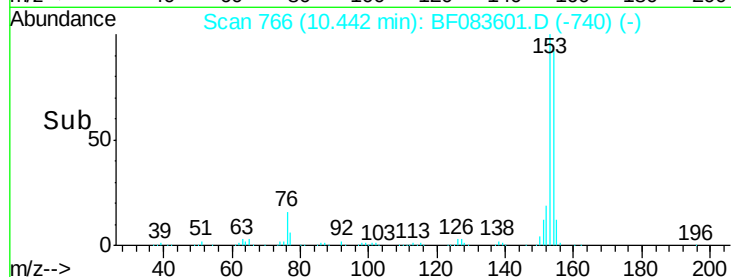
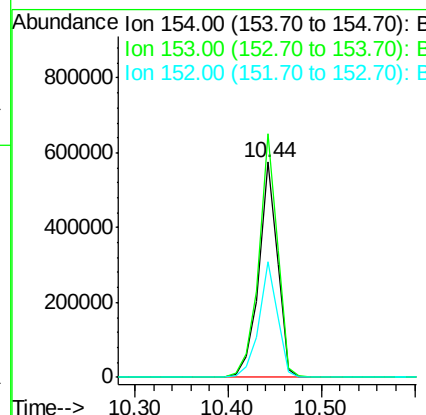
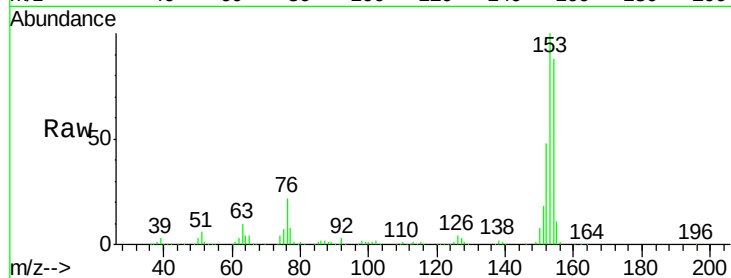
ClientSampleId :

ICVBF120815

Tot Ion:	154	Resp:	803593
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.4	137.0
152	54.1	43.4	65.2

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#52

3-Nitroaniline

Concen: 41.70 ng

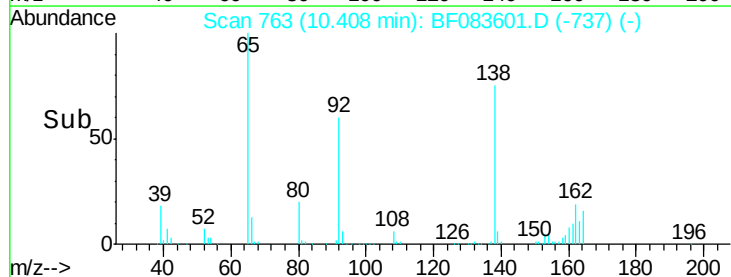
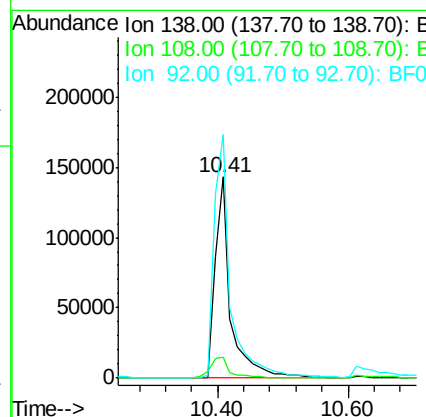
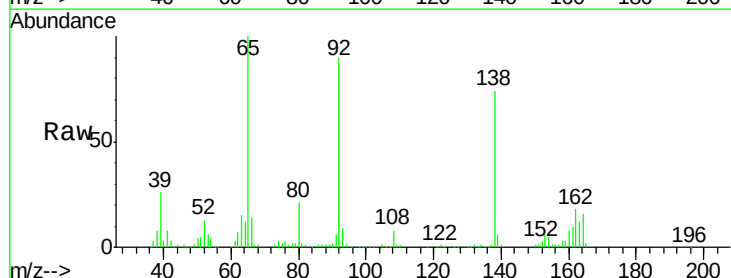
RT: 10.41 min Scan# 763

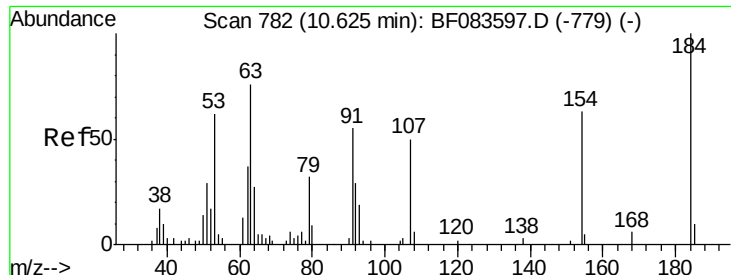
Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Tgt Ion:	138	Resp:	237501
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.9	14.9
92	121.1	113.8	170.8





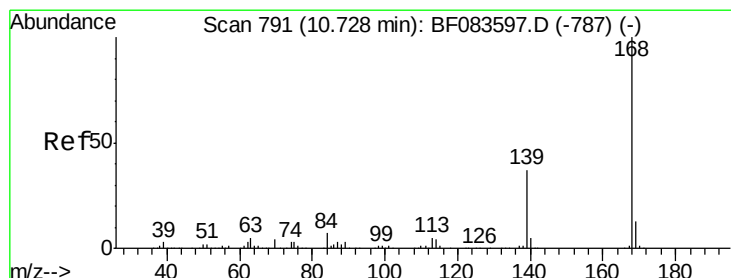
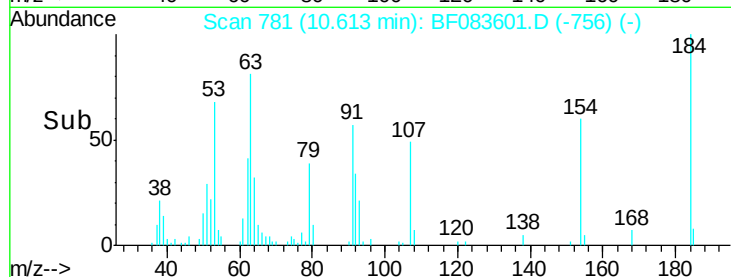
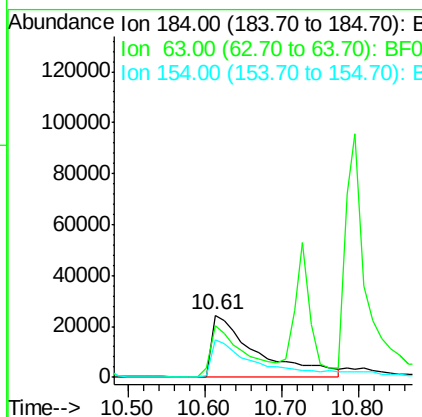
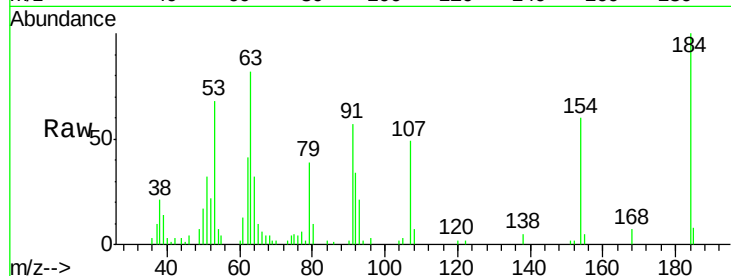
#53
2,4-Dinitrophenol
Concen: 40.74 ng
RT: 10.61 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Resp	Lower	Upper
184	100	100219		
63	82.4	62.4	93.6	
154	60.4	46.6	69.8	

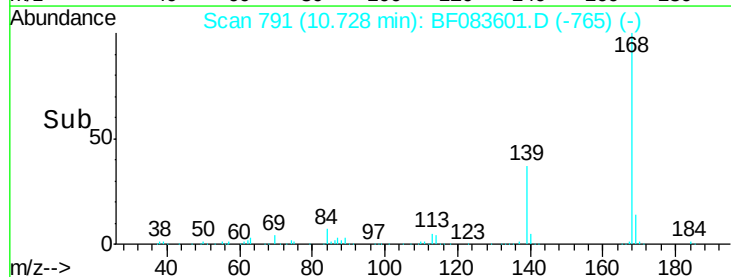
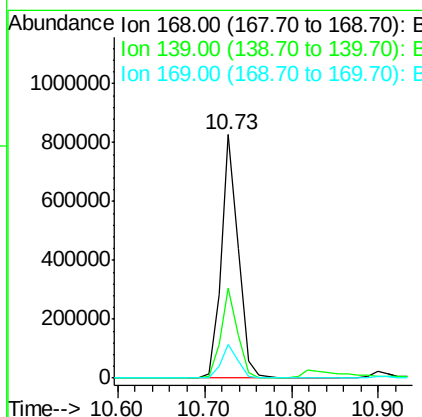
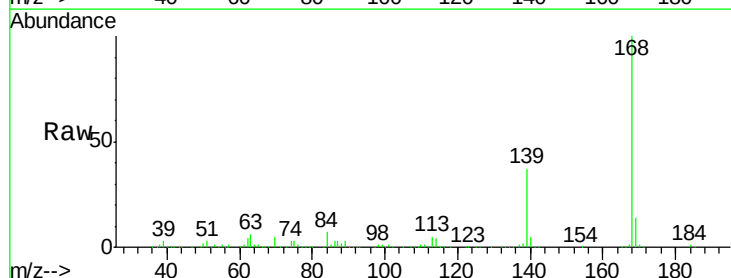
Manual Integrations
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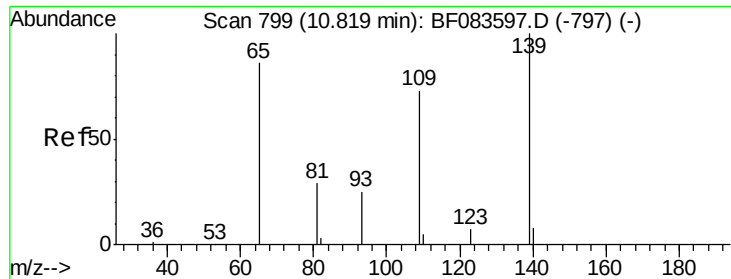
Mmdadoda
12/9/2015 6:13:20 PM



#54
Dibenzofuran
Concen: 40.22 ng
RT: 10.73 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1126634		
139	37.1	28.0	42.0	
169	13.9	10.8	16.2	





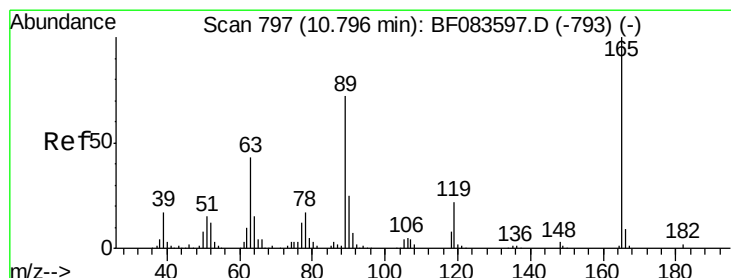
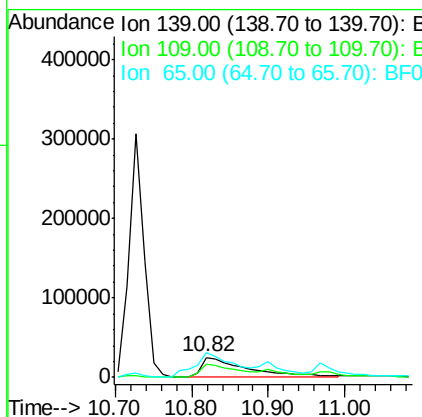
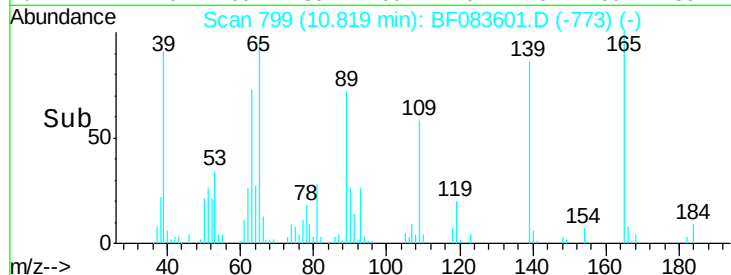
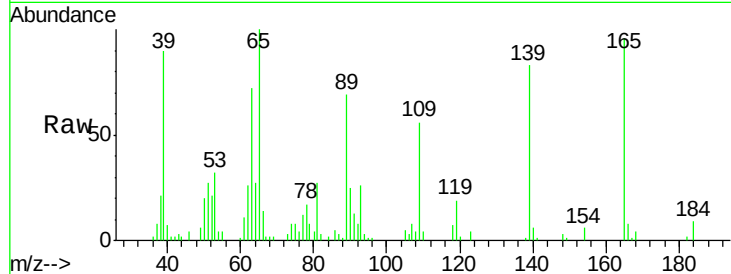
#55
4-Nitrophenol
Concen: 39.75 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.1	42.0	82.0
65	120.6	89.2	129.2

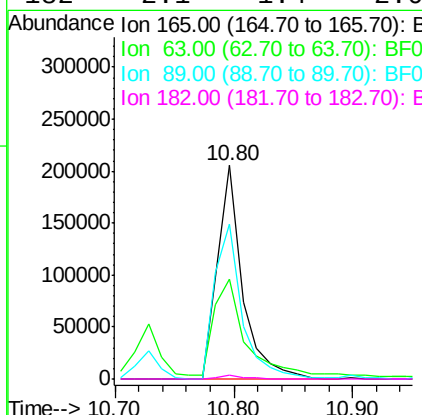
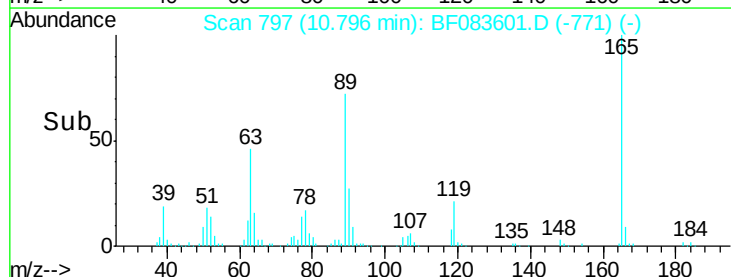
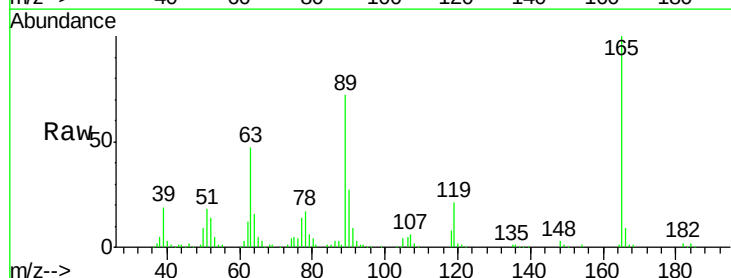
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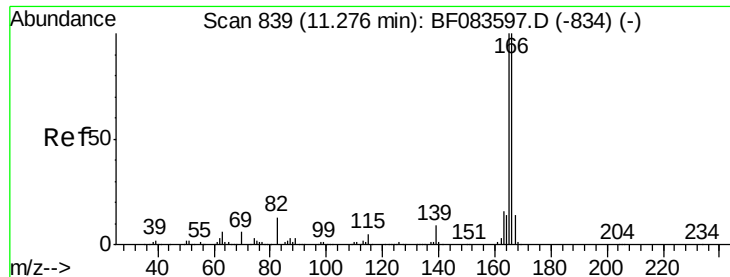
Mmdadoda
12/9/2015 6:13:20 PM



#56
2,4-Dinitrotoluene
Concen: 42.34 ng
RT: 10.80 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.5	51.4	77.2#
89	72.3	72.6	108.8#
182	2.1	1.4	2.0#





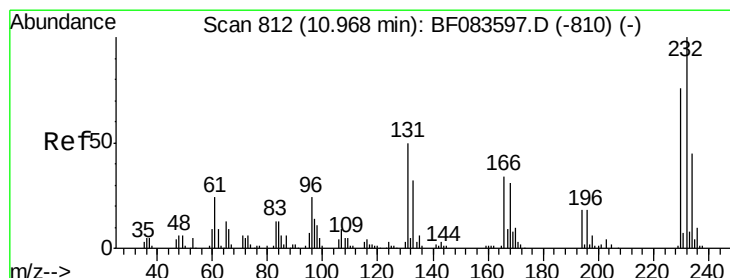
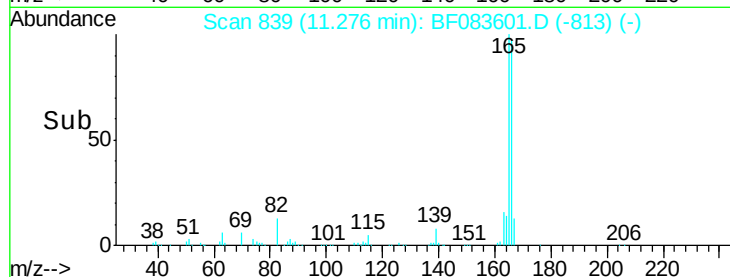
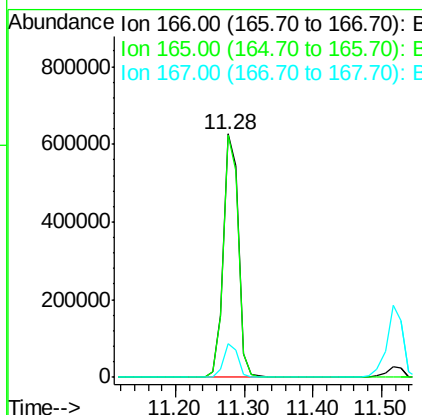
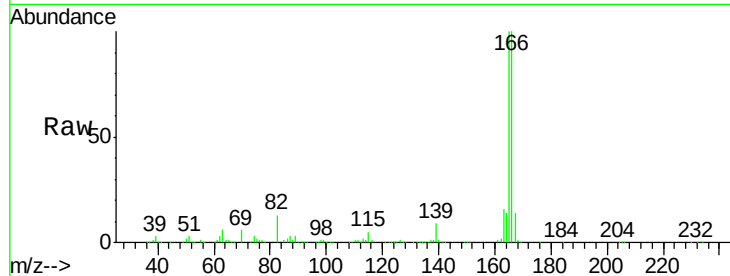
#57
 Fluorene
 Concen: 39.85 ng
 RT: 11.28 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		974335		
165	99.5	80.0	120.0		
167	13.9	10.6	16.0		

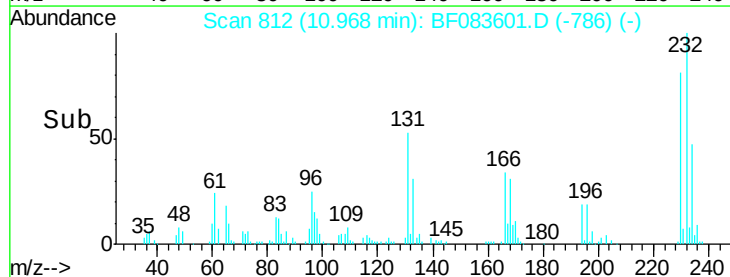
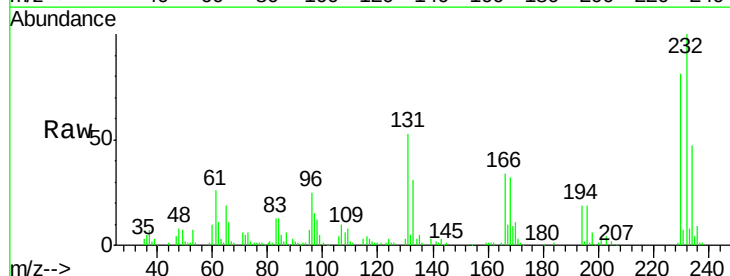
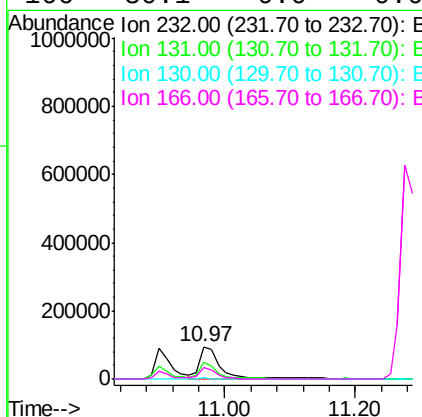
Manual Integrations
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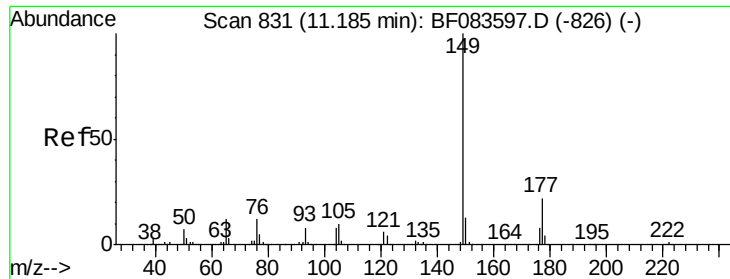
Mmdadoda
 12/9/2015 6:13:20 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.15 ng
 RT: 10.97 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		203222		
131	47.8	0.0	0.0#		
130	2.2	0.0	0.0#		
166	30.1	0.0	0.0#		





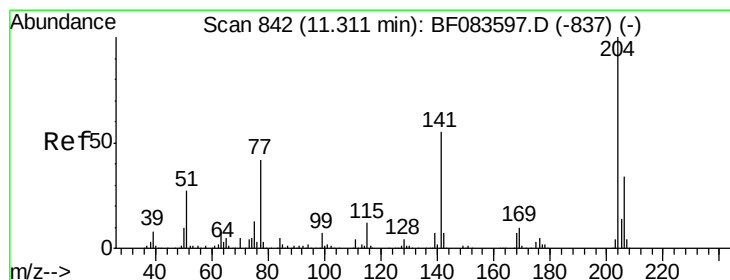
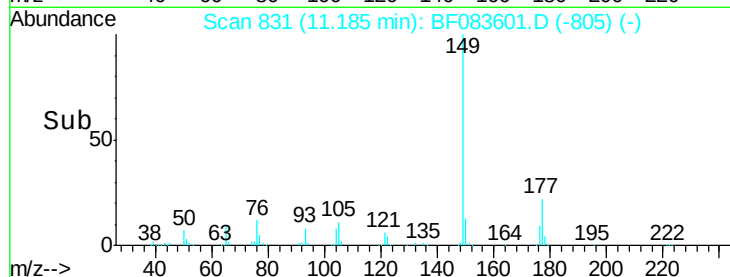
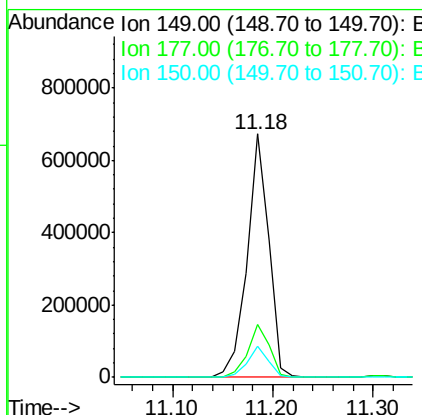
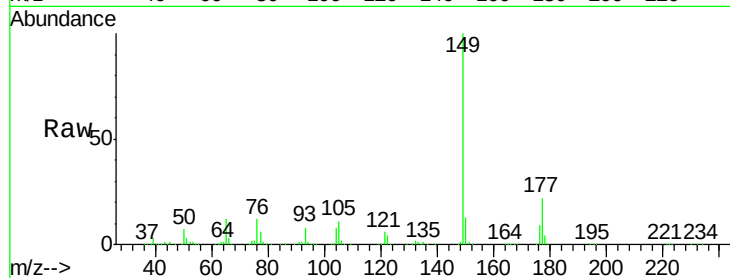
#59
Diethylphthalate
Concen: 39.72 ng
RT: 11.18 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion:149 Resp: 1002549
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.6 10.2 15.4

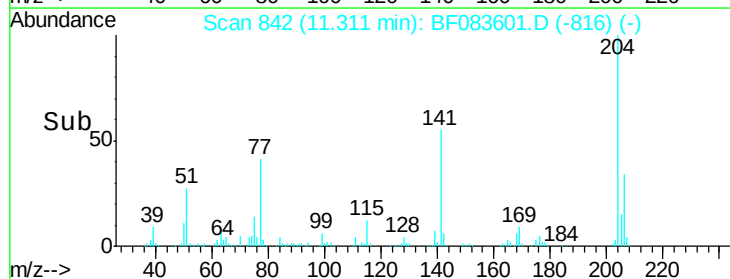
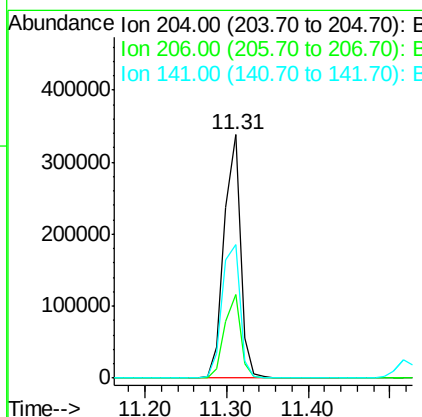
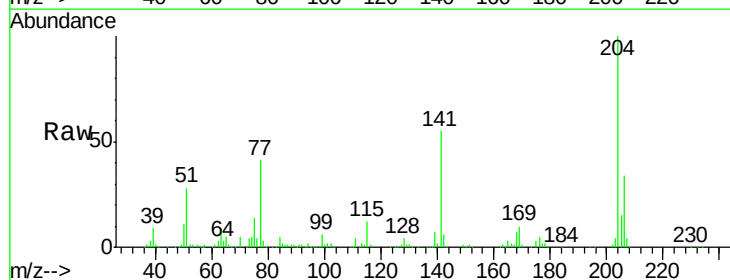
Manual Integrations
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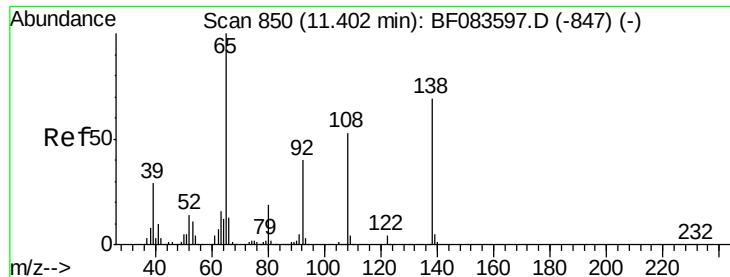
Mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 40.46 ng
RT: 11.31 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion:204 Resp: 470872
Ion Ratio Lower Upper
204 100
206 34.4 27.3 40.9
141 55.0 51.9 77.9





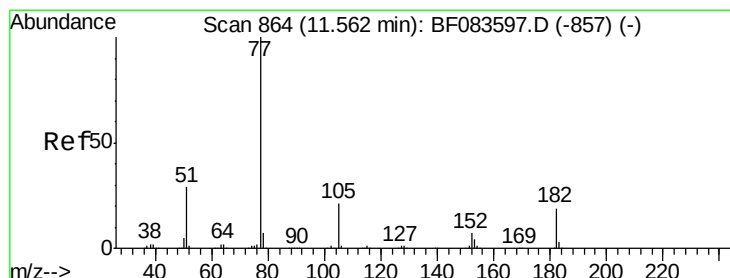
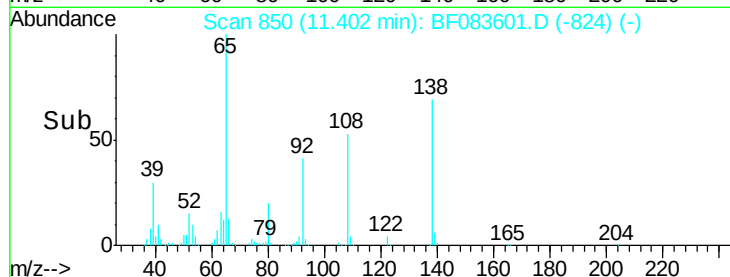
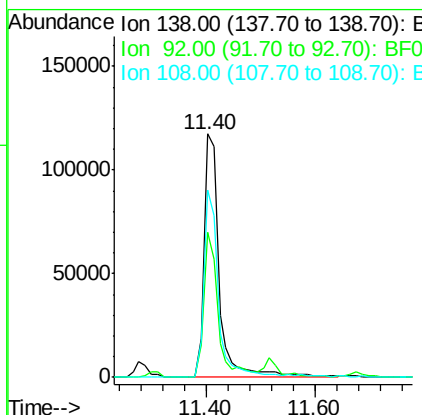
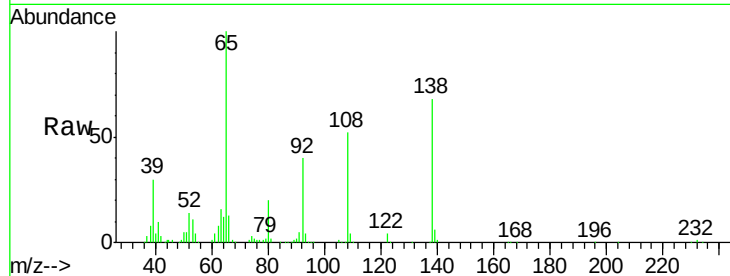
#61
4-Nitroaniline
Concen: 44.12 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.4	29.0	69.0
108	76.8	47.4	87.4

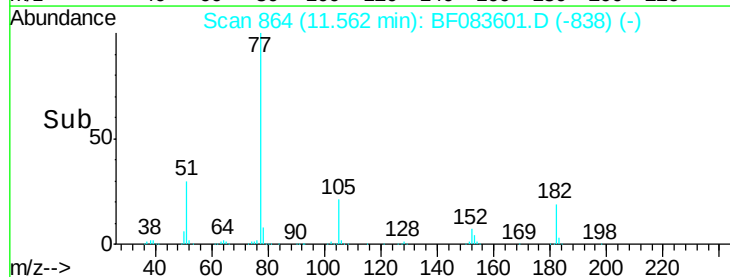
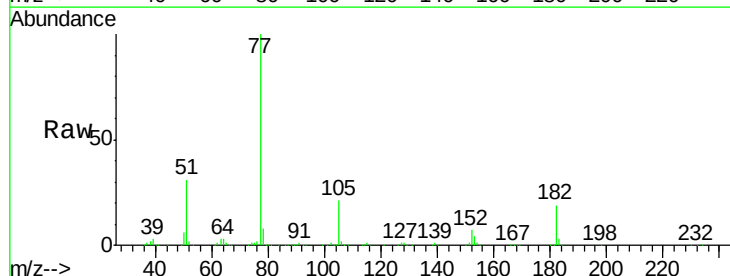
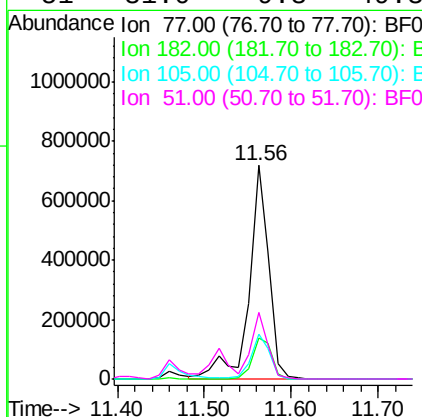
Manual Integrations
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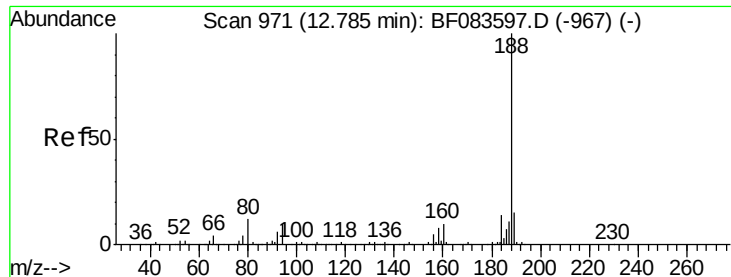
Mmdadoda
12/9/2015 6:13:20 PM



#62
Azobenzene
Concen: 41.03 ng
RT: 11.56 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.1	2.5	42.5
105	21.2	2.1	42.1
51	31.0	9.3	49.3





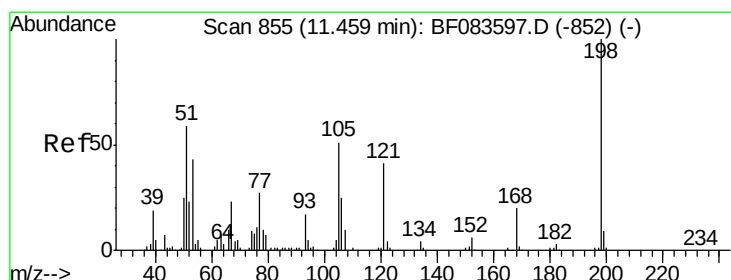
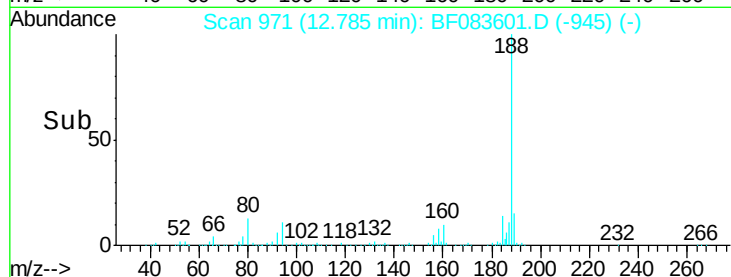
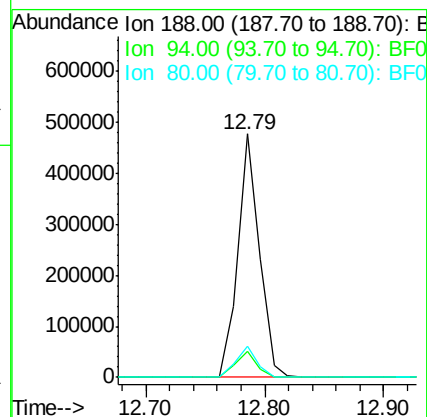
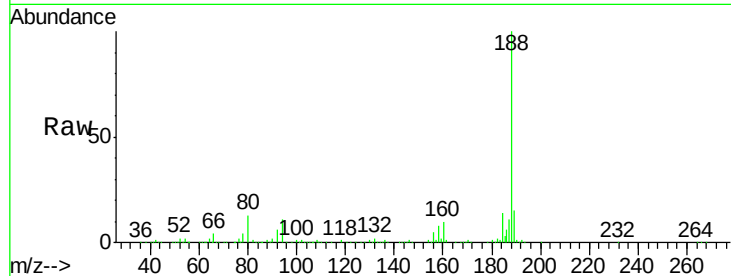
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Resp	Lower	Upper
188	100	601830		
94	10.7		9.4	14.2
80	12.9		10.6	16.0

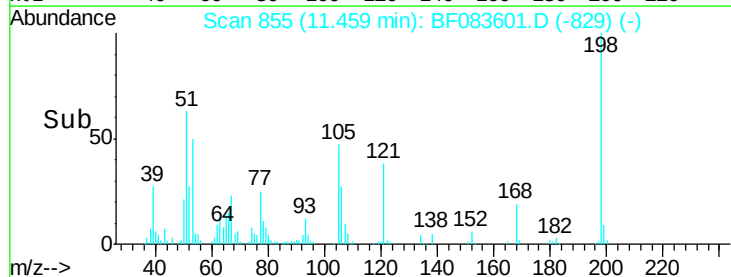
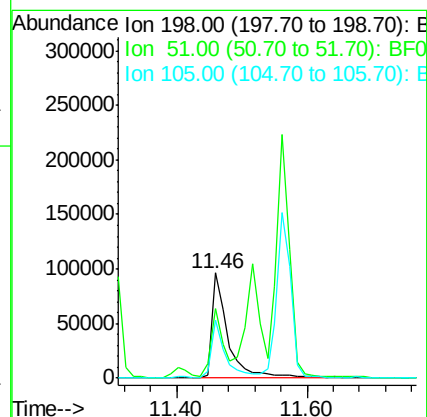
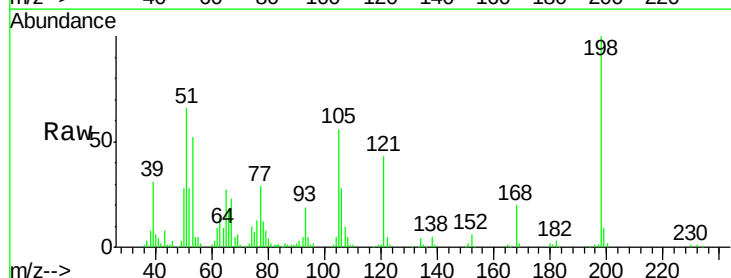
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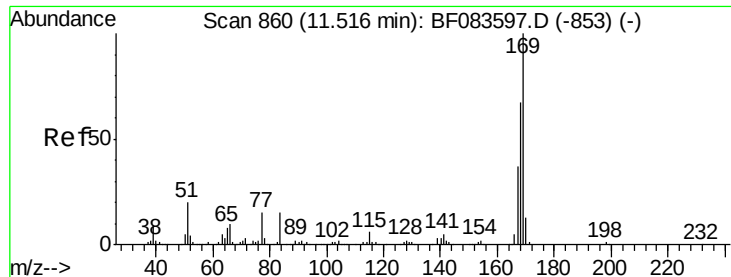
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.03 ng
RT: 11.46 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	167038		
51	66.2		53.8	93.8
105	55.5		38.6	78.6





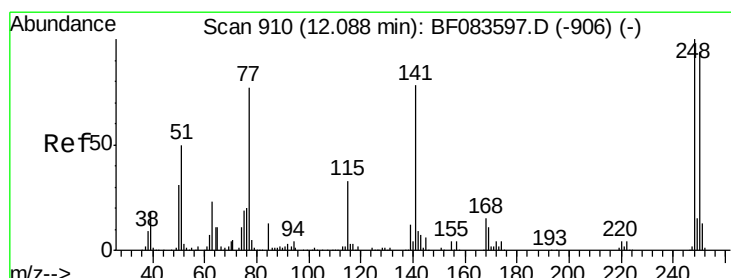
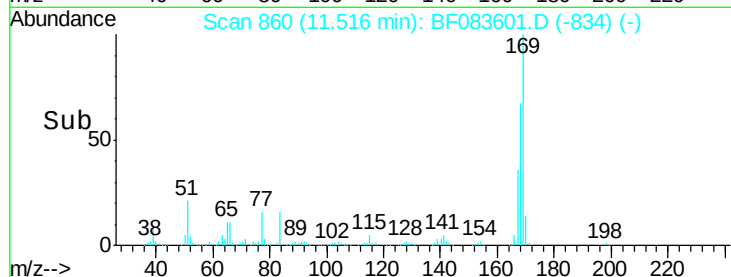
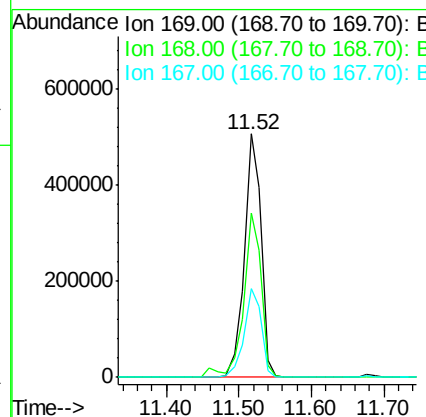
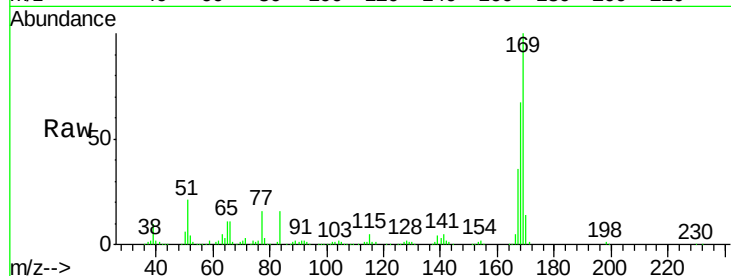
#65
 n-Nitrosodiphenylamine
 Concen: 40.90 ng
 RT: 11.52 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.0	79.6
167	36.5	29.3	43.9

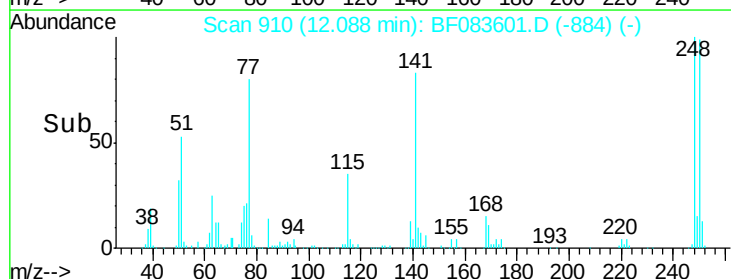
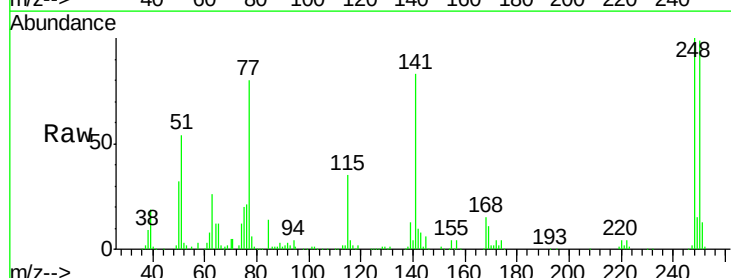
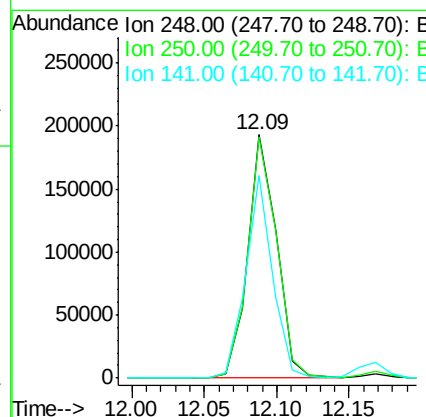
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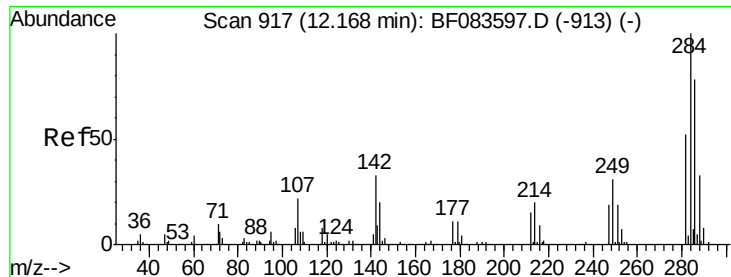
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#66
 4-Bromophenyl-phenylether
 Concen: 39.73 ng
 RT: 12.09 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.2	118.8
141	83.4	58.2	87.4





#67

Hexachlorobenzene

Concen: 40.40 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

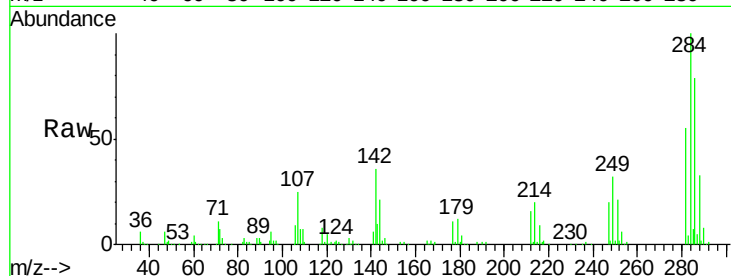
ClientSampleId :

ICVBF120815

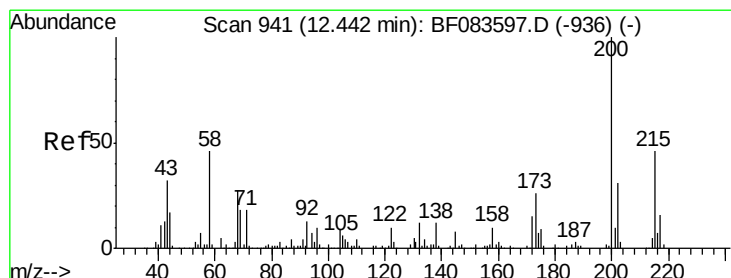
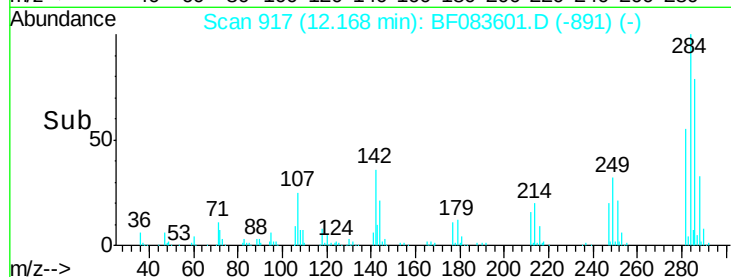
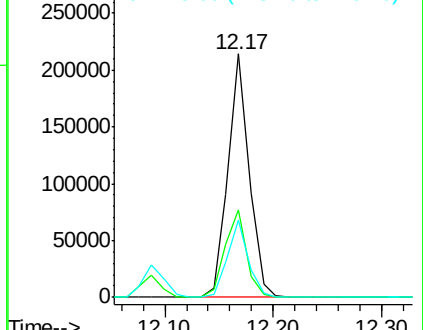
Tot Ion:	284	Resp:	287664
Ion Ratio	Lower	Upper	
284	100		
142	35.8	31.0	46.4
249	31.6	26.9	40.3

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: 41.93 ng

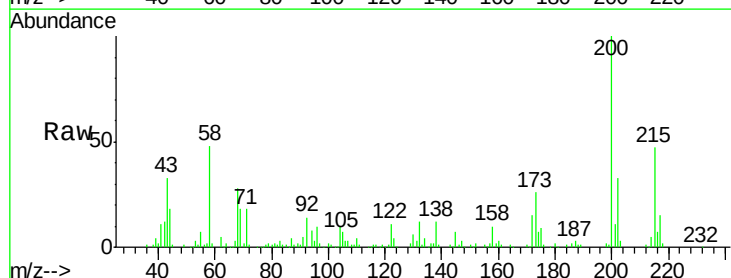
RT: 12.44 min Scan# 941

Delta R.T. 0.00 min

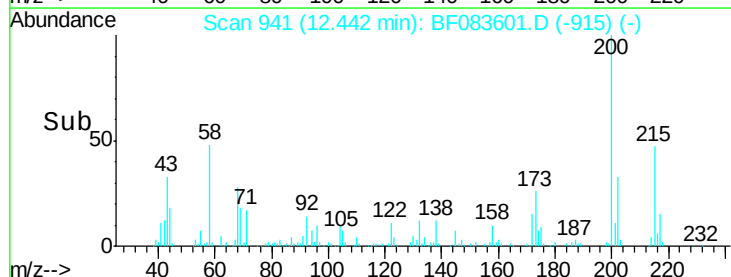
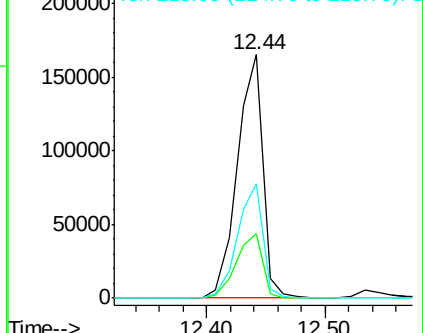
Lab File: BF083601.D

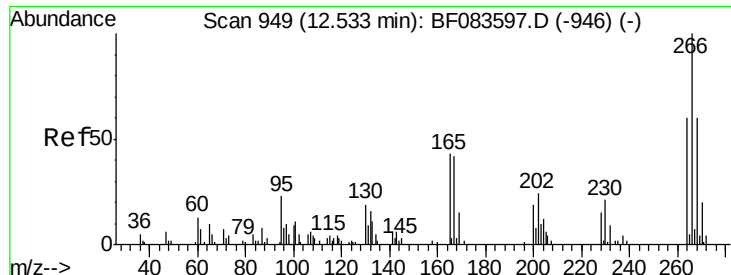
Acq: 8 Dec 2015 18:22

Tgt Ion:	200	Resp:	247781
Ion Ratio	Lower	Upper	
200	100		
173	26.2	7.8	47.8
215	46.7	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





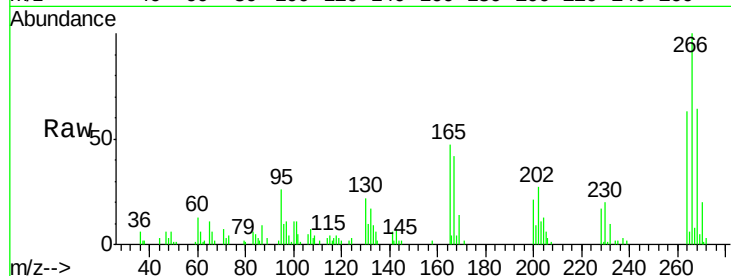
#69
 Pentachlorophenol
 Concen: 41.95 ng
 RT: 12.53 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

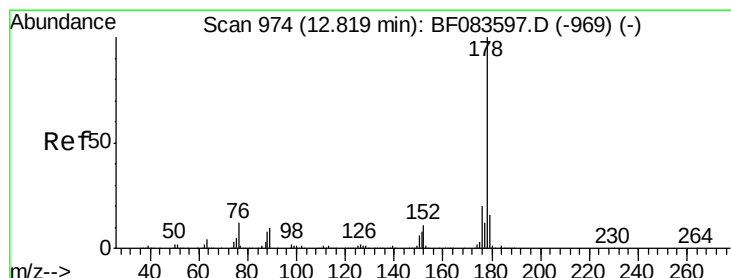
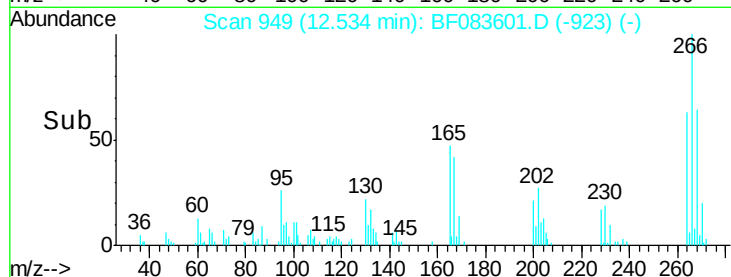
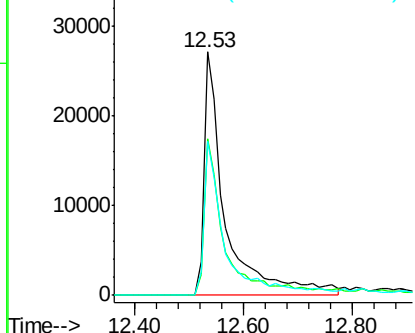
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.2	75.2
264	63.1	51.4	77.2

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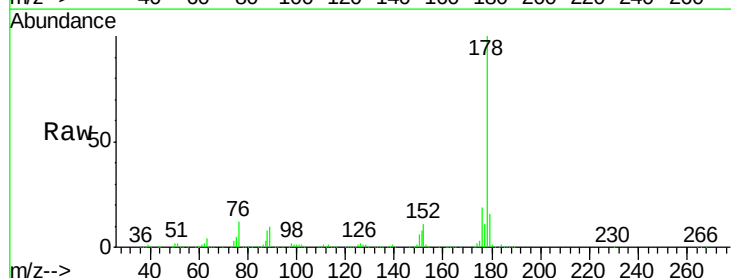


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

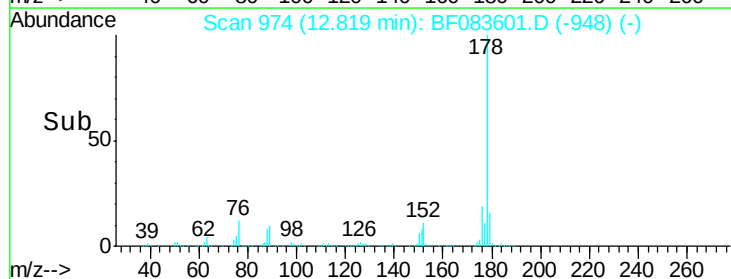
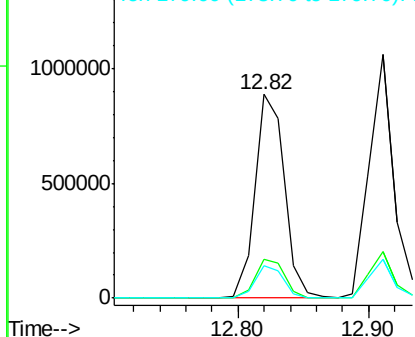


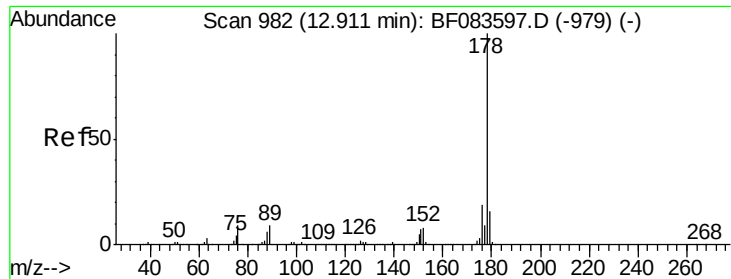
#70
 Phenanthrene
 Concen: 40.53 ng
 RT: 12.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	16.1	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





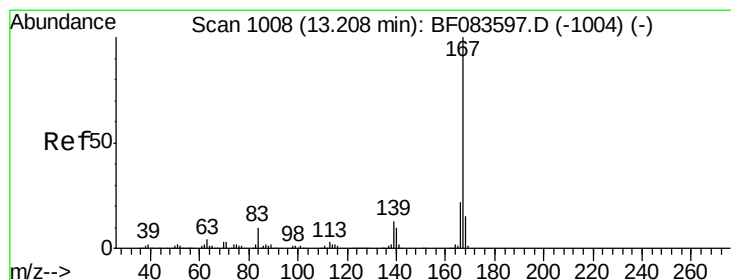
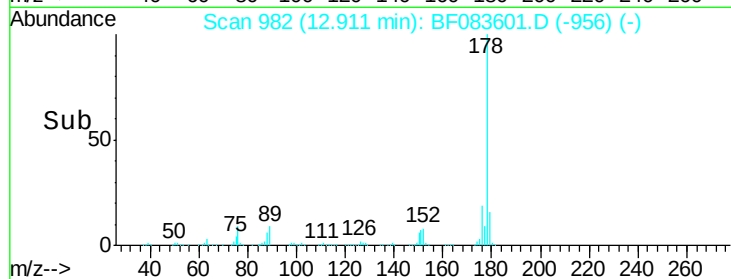
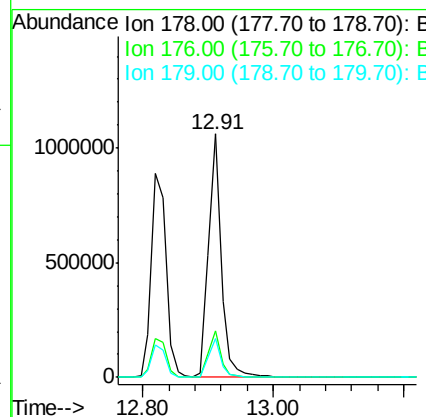
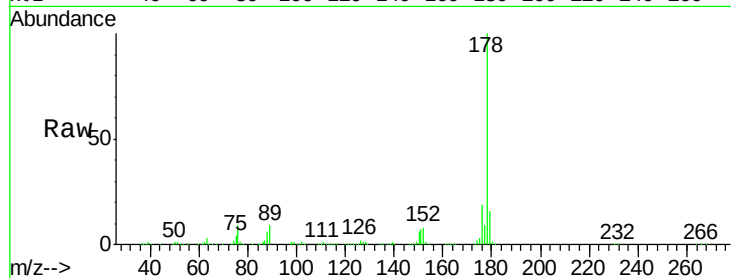
#71
 Anthracene
 Concen: 40.30 ng
 RT: 12.91 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Tot Ion:178 Resp: 1443607
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 16.1 12.6 18.8

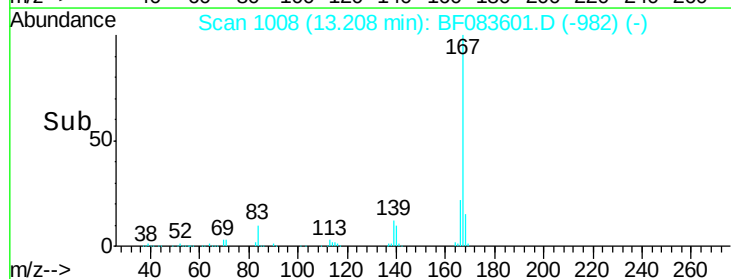
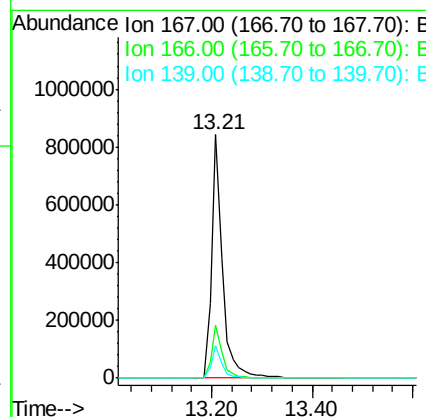
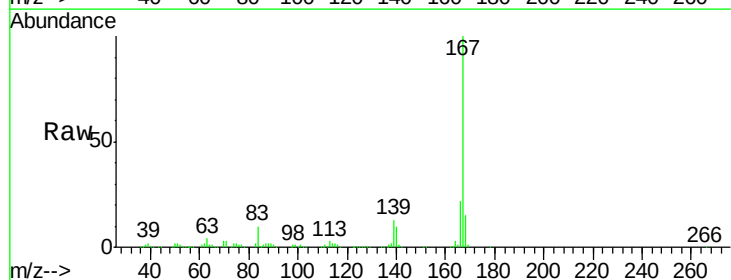
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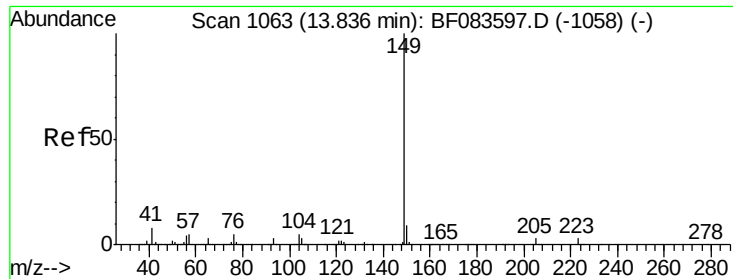
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#72
 Carbazole
 Concen: 41.00 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion:167 Resp: 1259505
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.1 9.3 13.9





#73

Di-n-butylphthalate

Concen: 41.58 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

ClientSampleId :

ICVBF120815

Tot Ion:149 Resp: 1606330

Ion Ratio Lower Upper

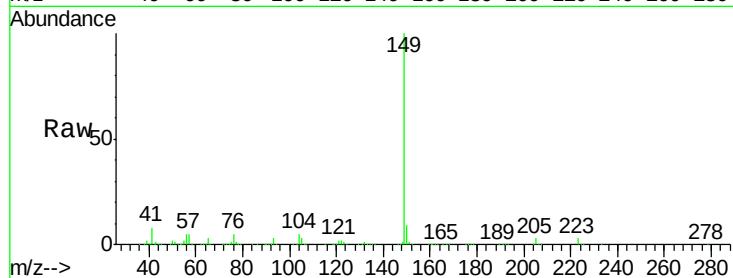
149 100

150 9.2 7.8 11.6

104 5.0 3.9 5.9

Manual Integrations
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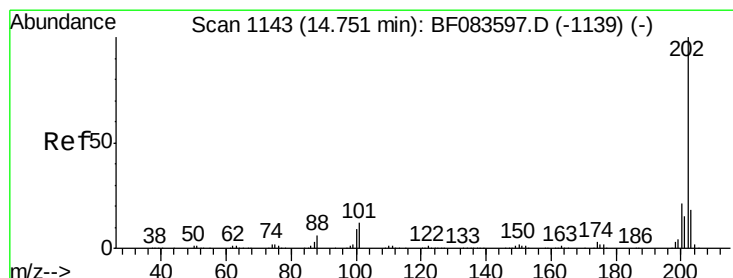
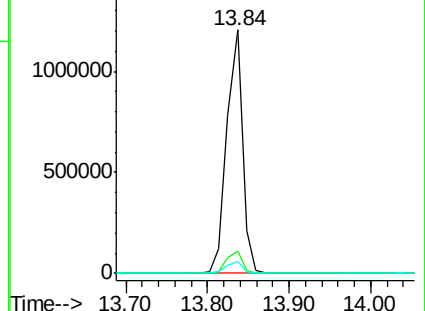
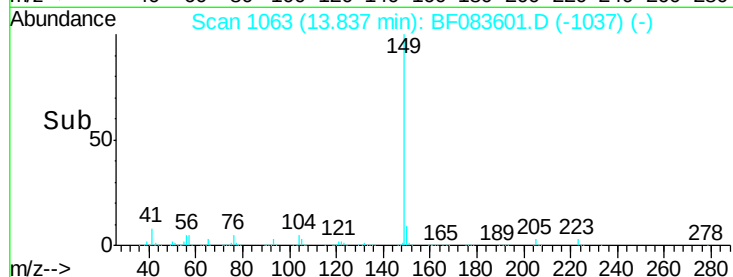
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.64 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

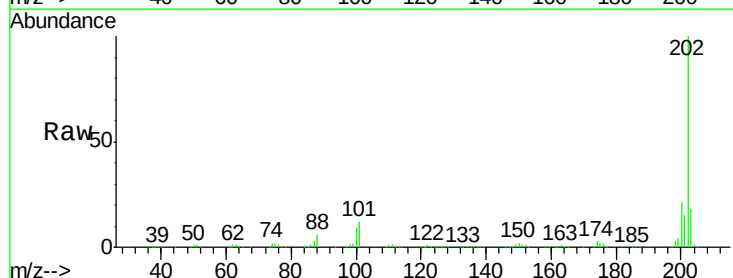
Tgt Ion:202 Resp: 1437528

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.5

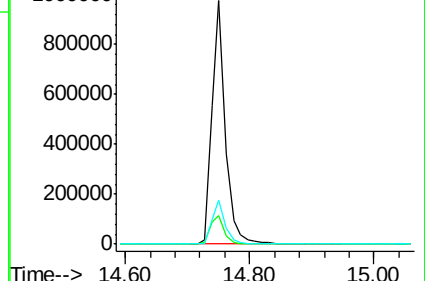
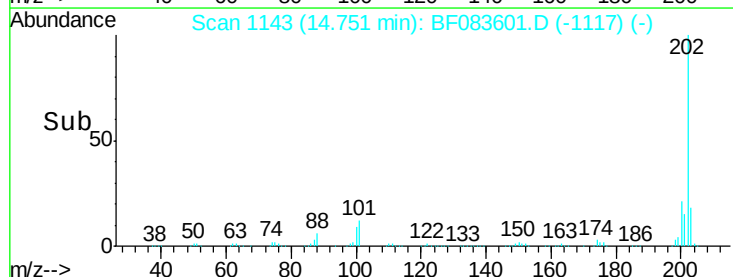
203 17.8 0.0 37.6

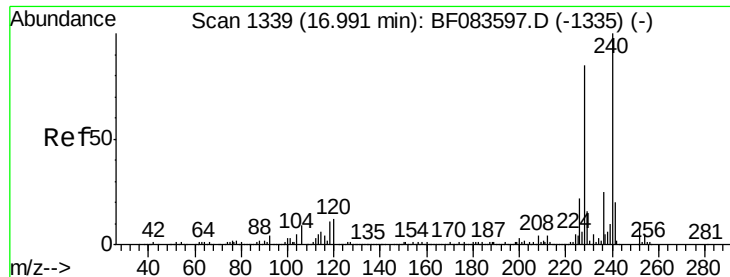


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

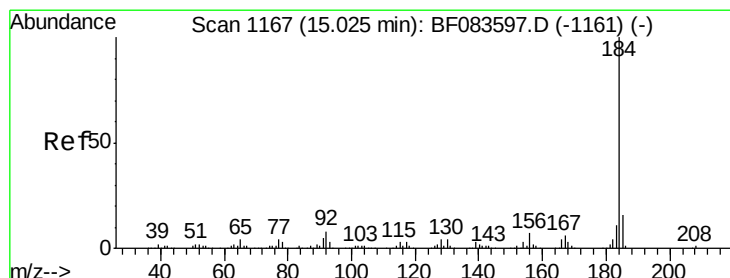
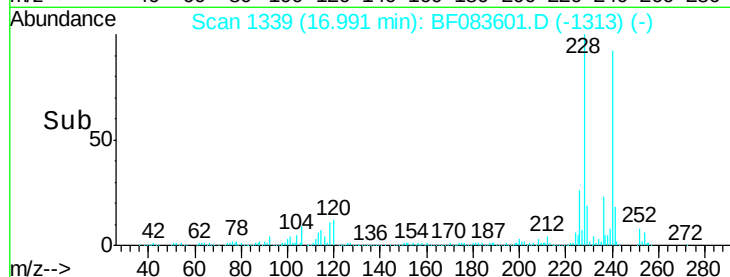
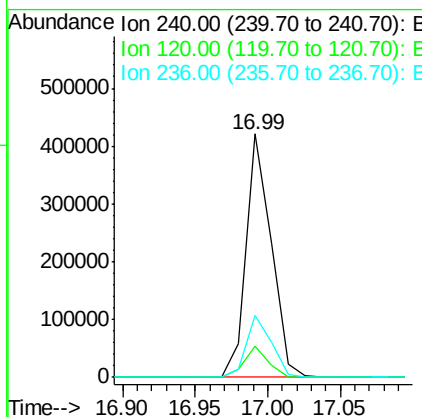
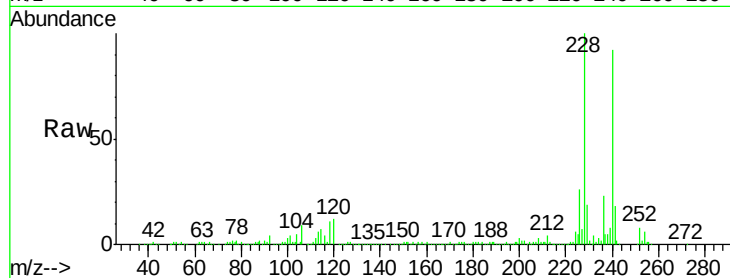
ClientSampleId :

ICVBF120815

Tot Ion:	240	Resp:	506829
Ion Ratio	Lower	Upper	
240	100		
120	12.8	8.1	12.1#
236	25.6	20.8	31.2

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#76

Benzidine

Concen: 42.25 ng

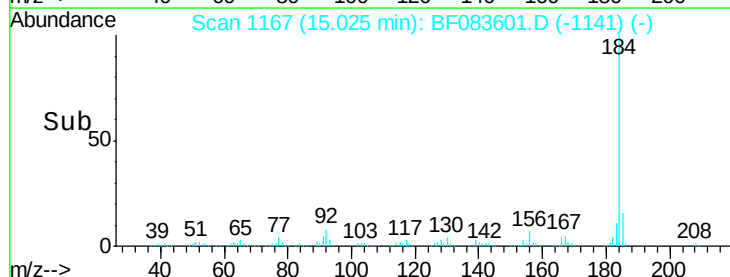
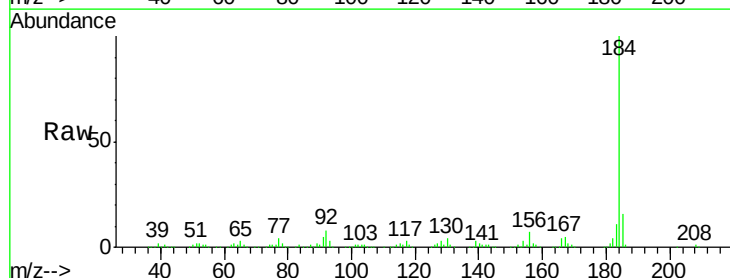
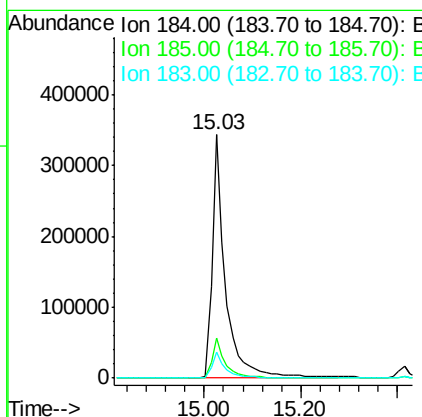
RT: 15.03 min Scan# 1167

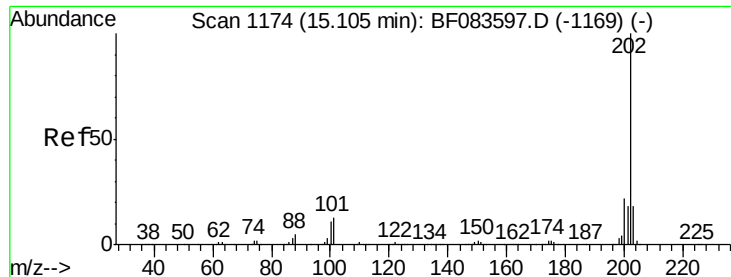
Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Tgt Ion:	184	Resp:	666099
Ion Ratio	Lower	Upper	
184	100		
185	16.4	13.0	19.6
183	10.9	9.0	13.4





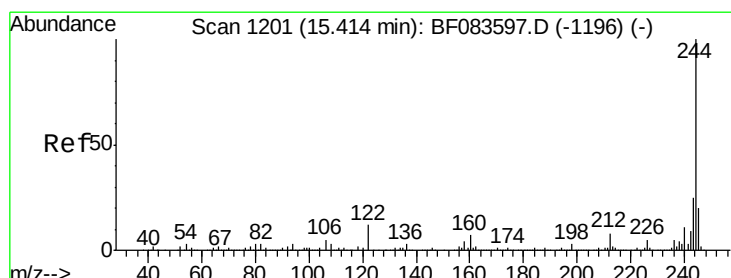
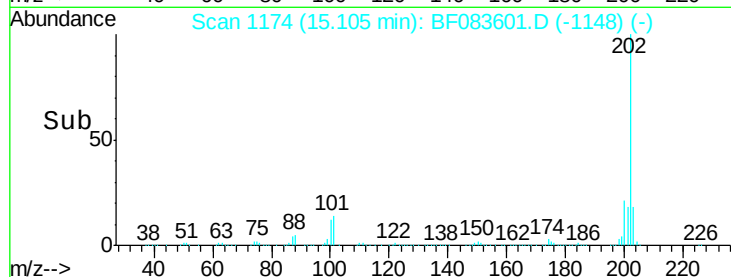
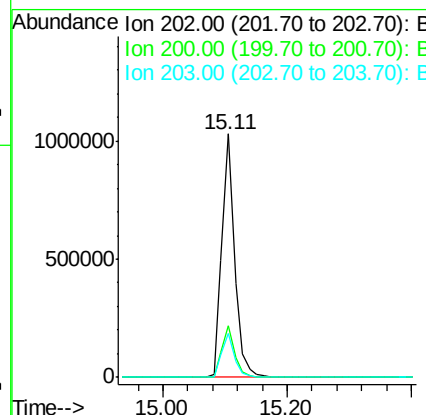
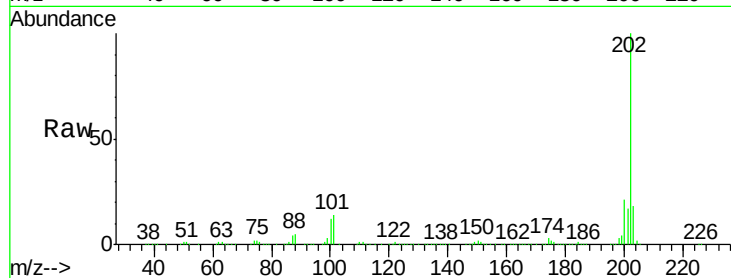
#77
Pvrene
Concen: 39.36 ng
RT: 15.11 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.9	14.3	21.5

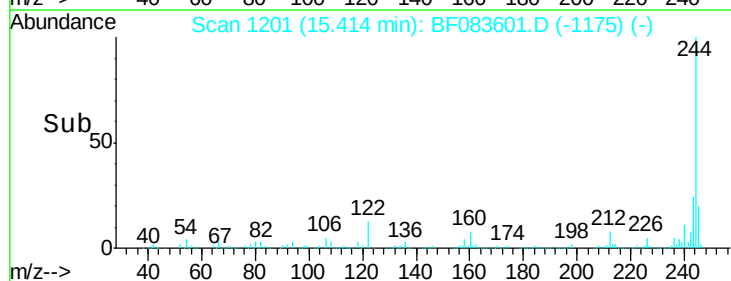
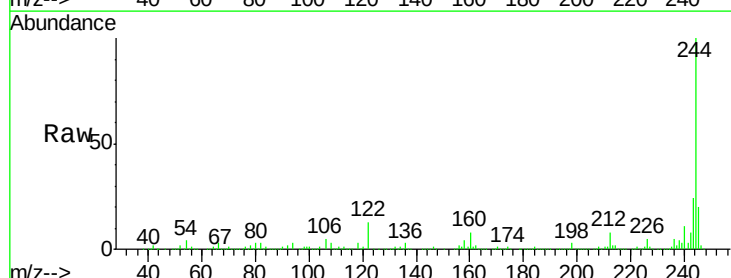
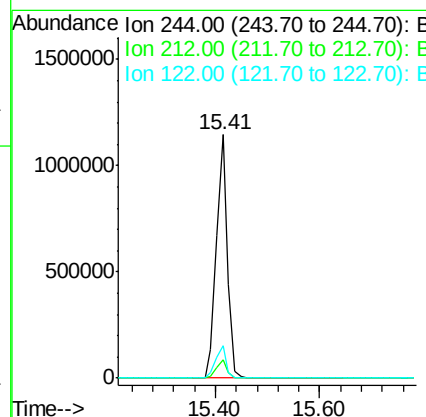
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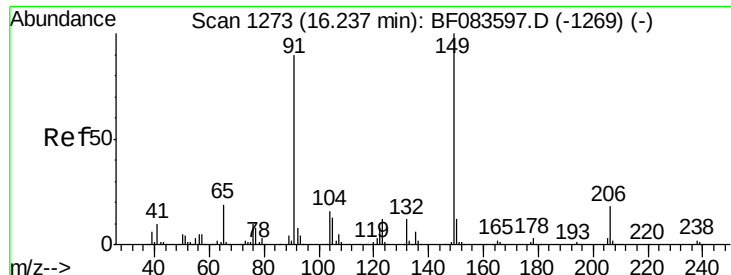
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#78
Terphenyl-d14
Concen: 78.36 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	13.1	11.0	16.6





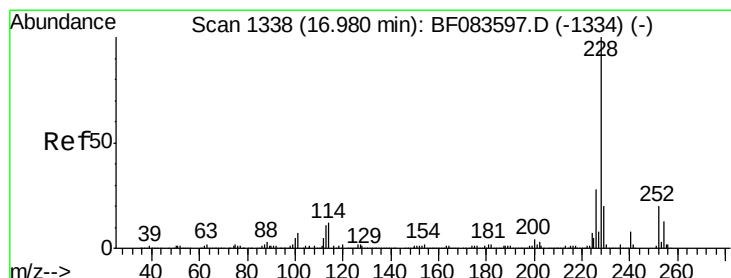
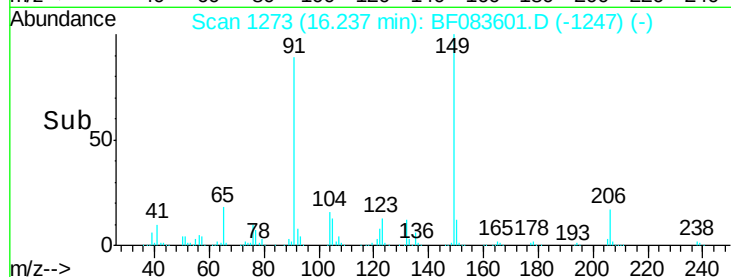
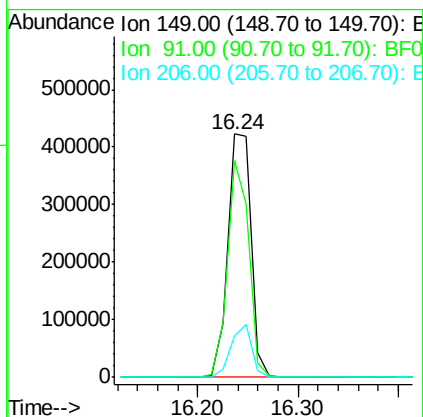
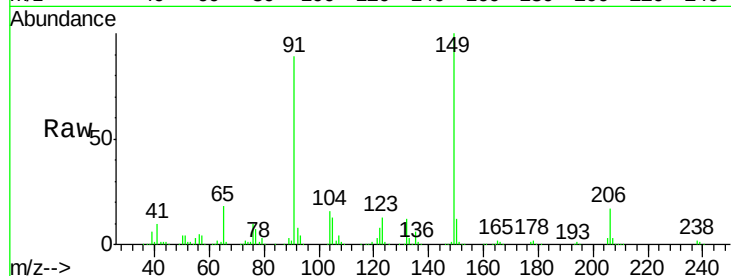
#79
Butylbenzylphthalate
Concen: 41.85 ng
RT: 16.24 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
149	100		
91	88.9	60.0	90.0
206	17.1	16.2	24.4

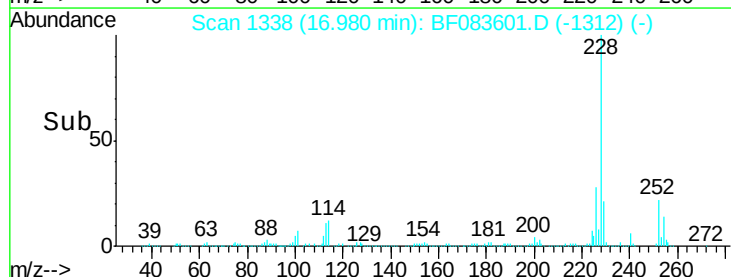
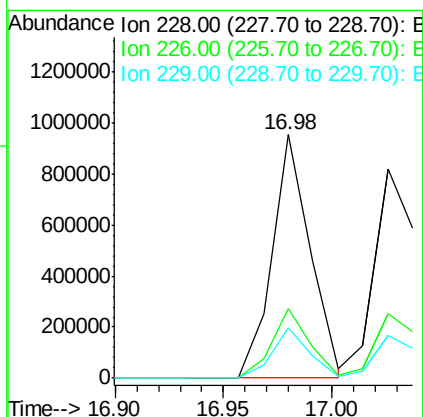
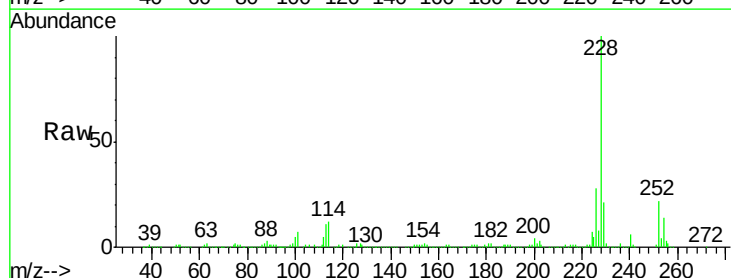
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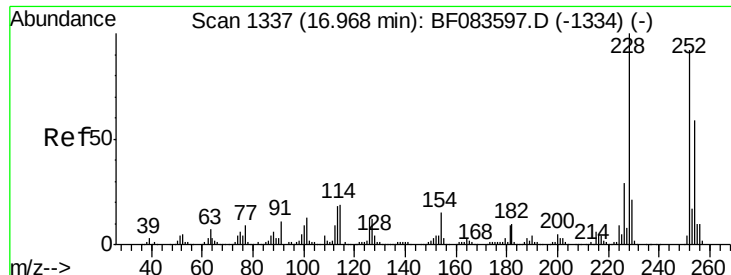
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#80
Benzo(a)anthracene
Concen: 39.43 ng
RT: 16.98 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.6	15.7	23.5





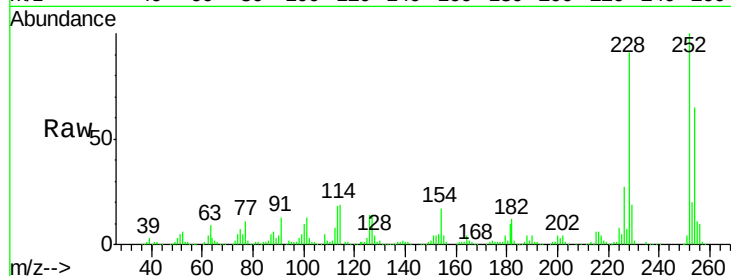
#81
 3,3'-Dichlorobenzidine
 Concen: 41.53 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

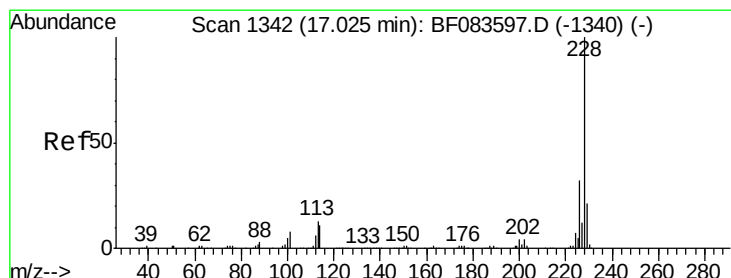
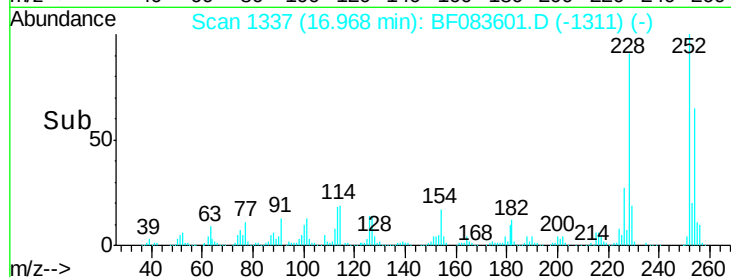
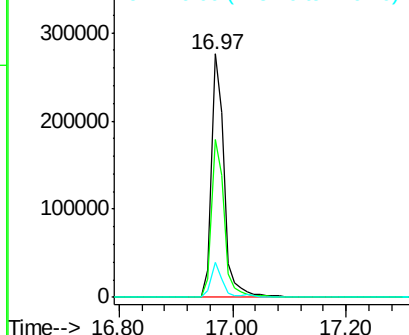
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.6	76.0
126	14.4	11.0	16.4

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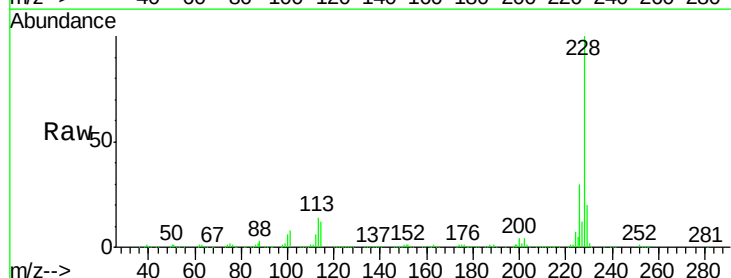


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

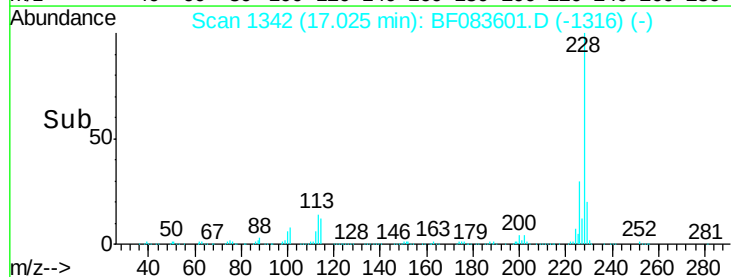
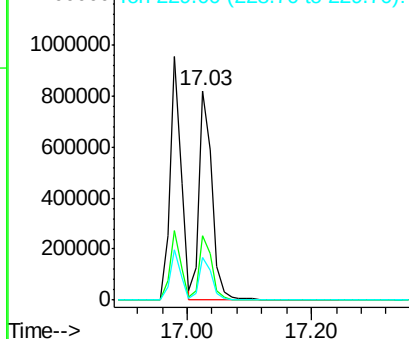


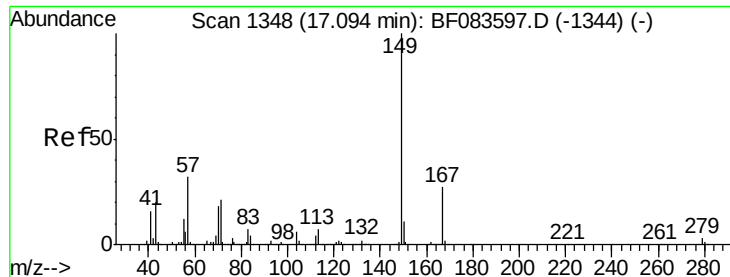
#82
 Chrysene
 Concen: 40.05 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	20.4	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





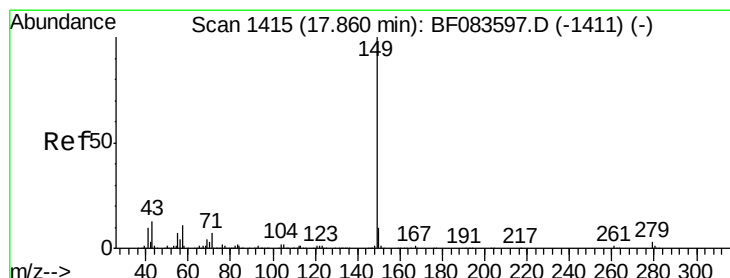
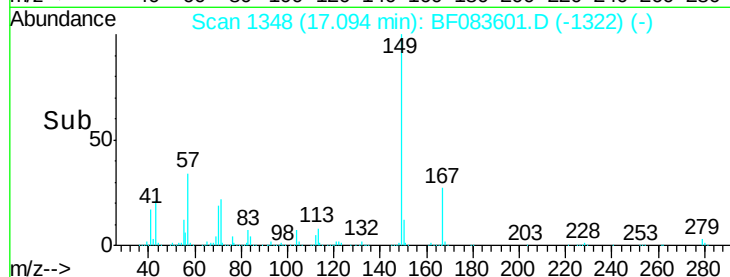
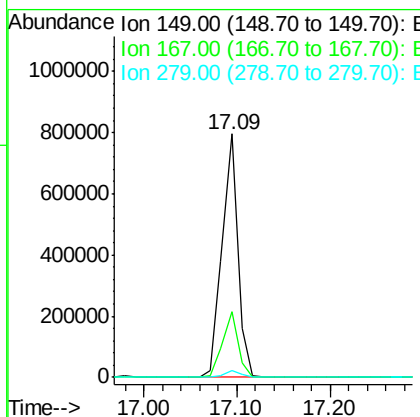
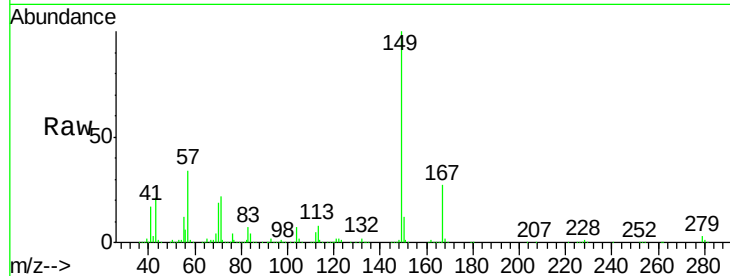
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.73 ng
 RT: 17.09 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120815

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	3.0	3.0	4.4

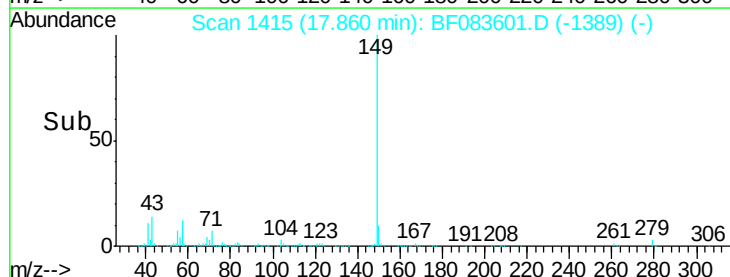
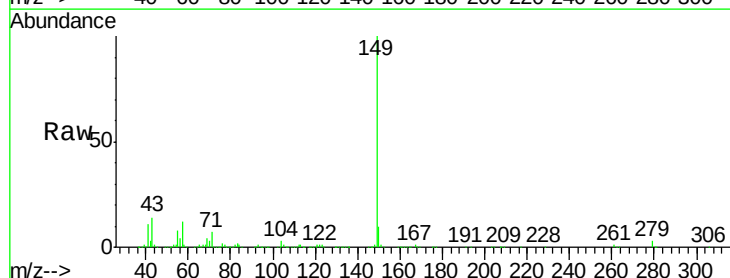
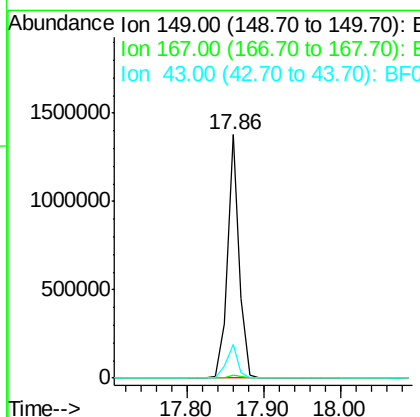
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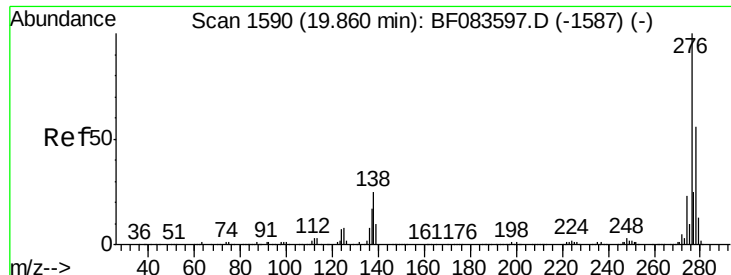
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#84
 Di-n-octyl phthalate
 Concen: 43.39 ng
 RT: 17.86 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF083601.D
 Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	13.7	0.0	0.0#





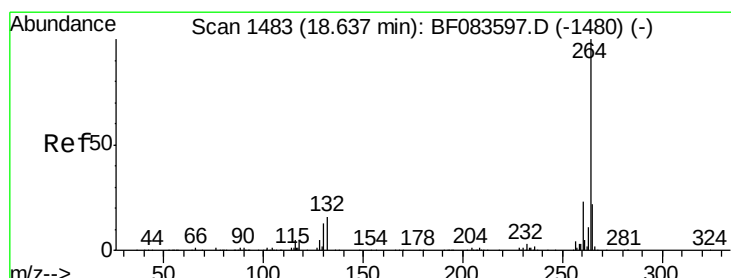
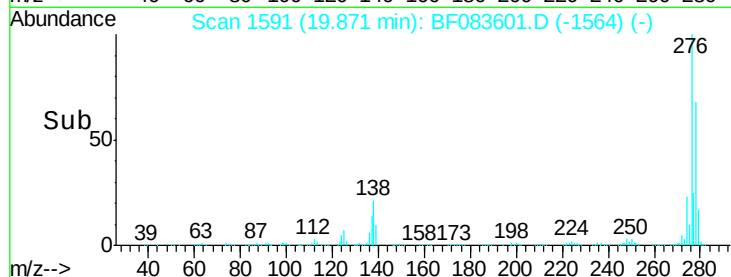
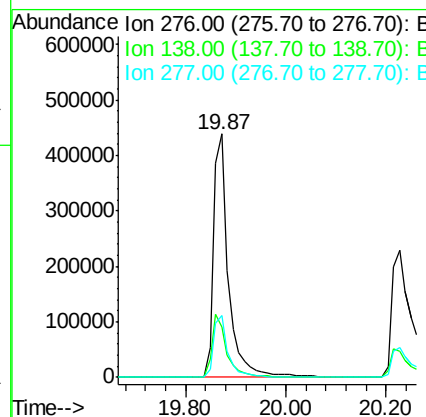
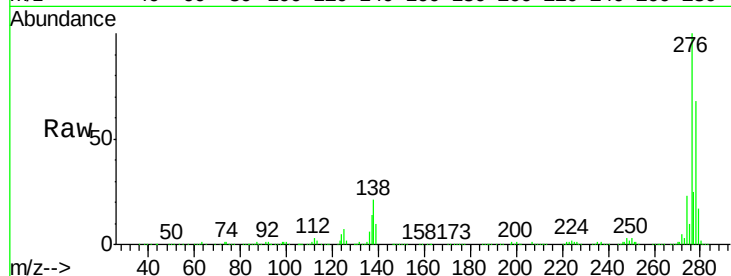
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.06 ng
RT: 19.87 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.3	0.0	0.0#
277	25.0	0.0	0.0#

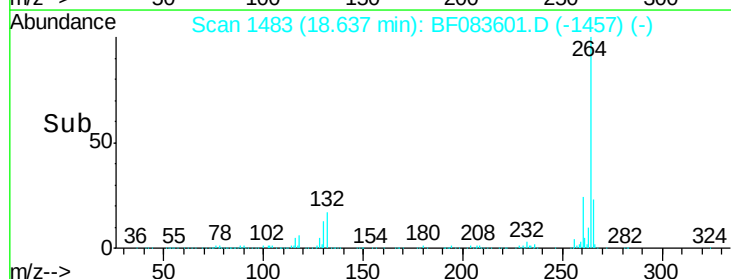
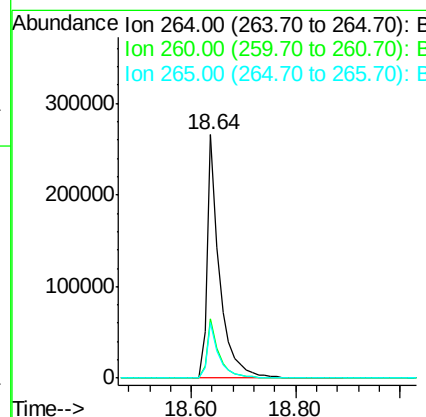
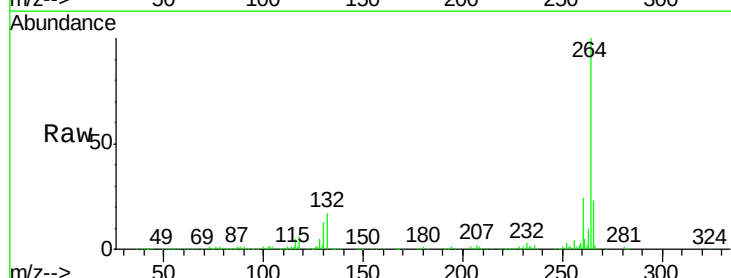
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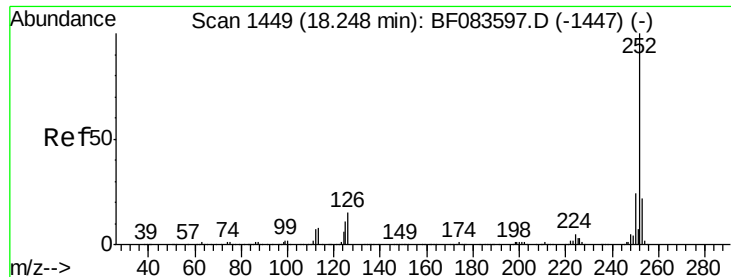
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 47.81 ng m

RT: 18.25 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Instrument :

BNA_F

ClientSampleId :

ICVBF120815

Tot Ion:252 Resp: 1194715

Ion Ratio Lower Upper

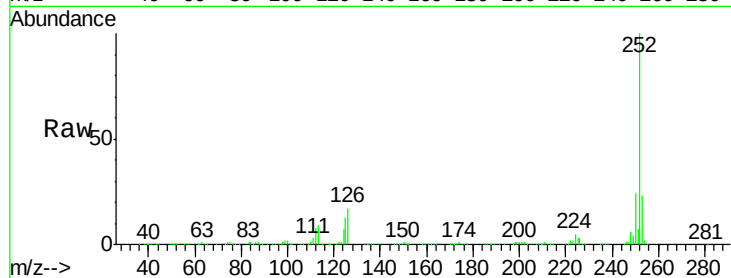
252 100

253 22.7 18.2 27.4

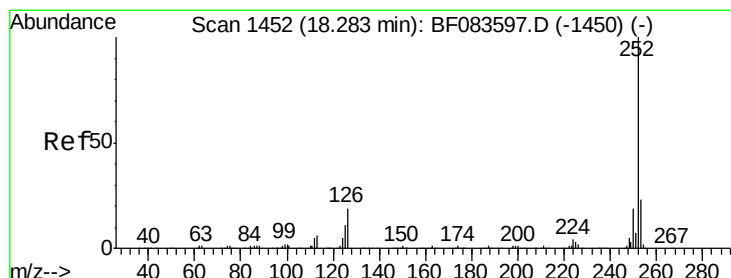
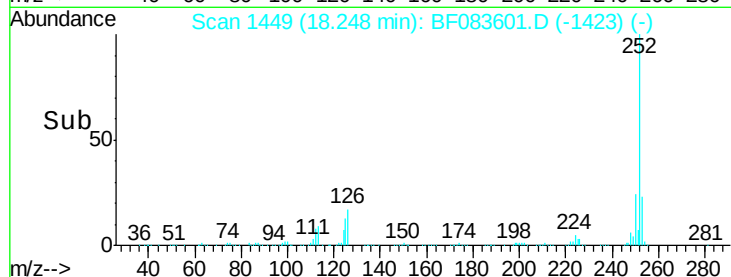
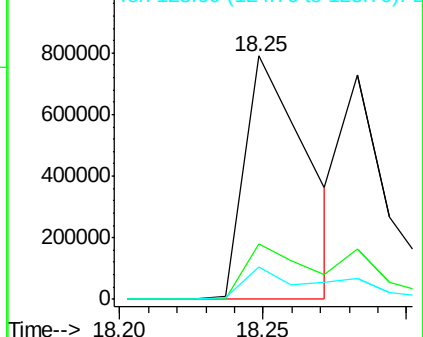
125 13.3 8.2 12.4#

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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: 31.54 ng m

RT: 18.28 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

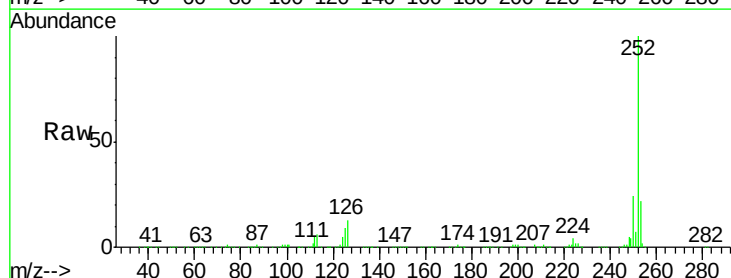
Tgt Ion:252 Resp: 868209

Ion Ratio Lower Upper

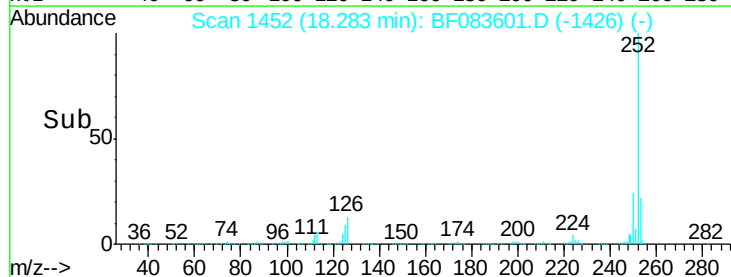
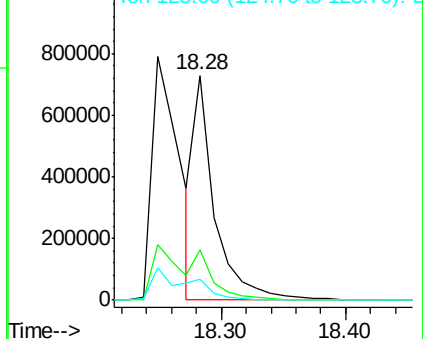
252 100

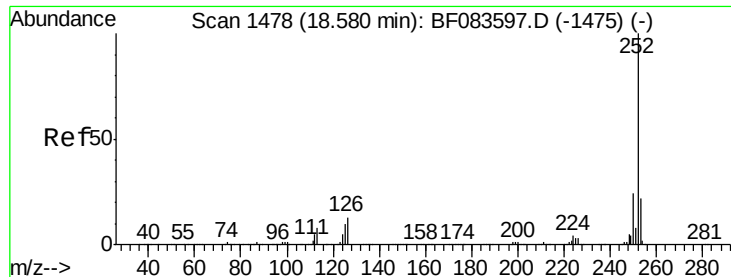
253 22.3 18.6 27.8

125 9.4 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





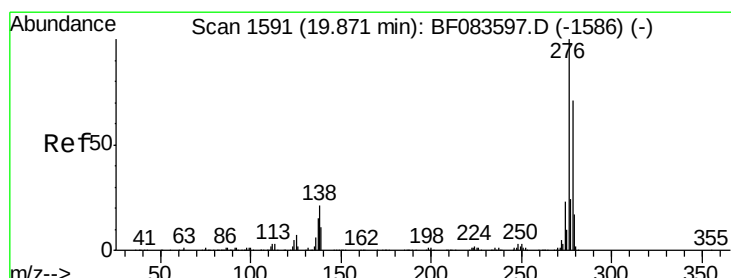
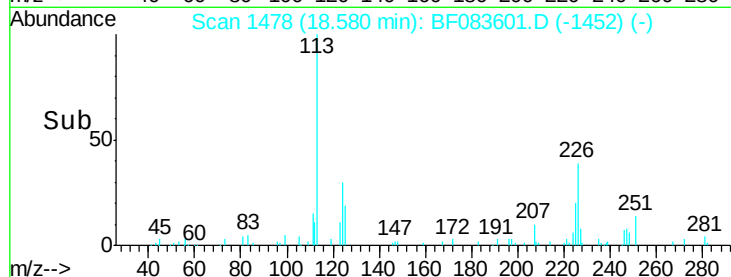
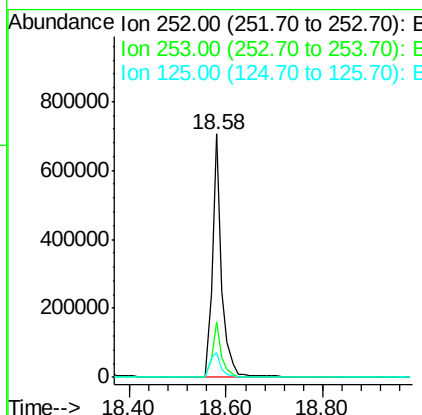
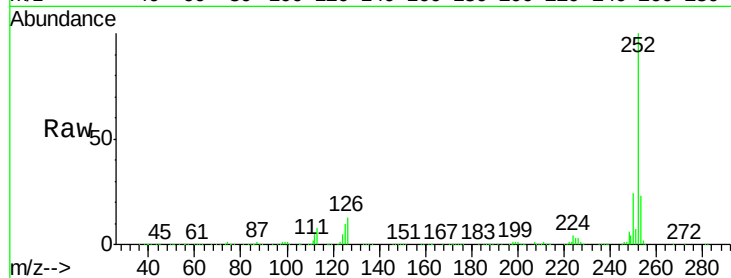
#89
Benzo(a)pyrene
Concen: 38.76 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Instrument :
BNA_F
ClientSampleId :
ICVBF120815

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.0	11.0	16.6

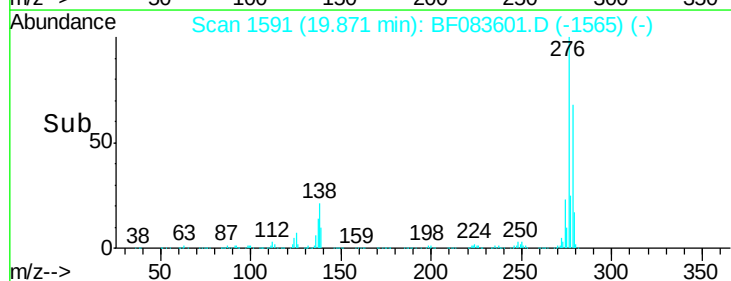
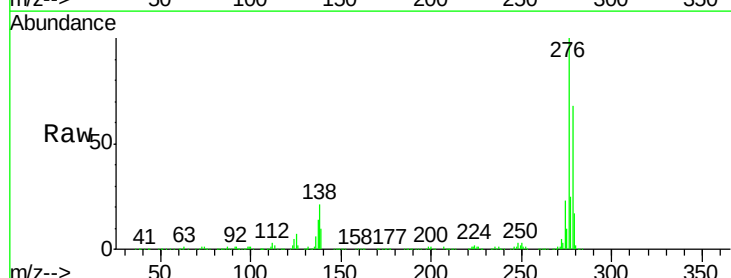
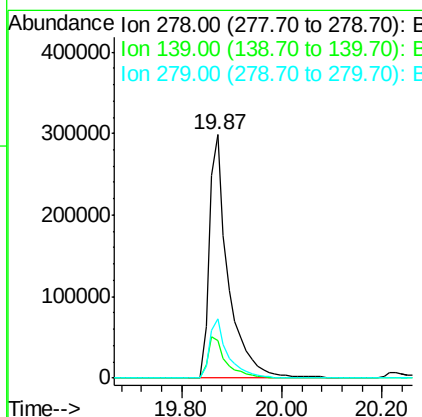
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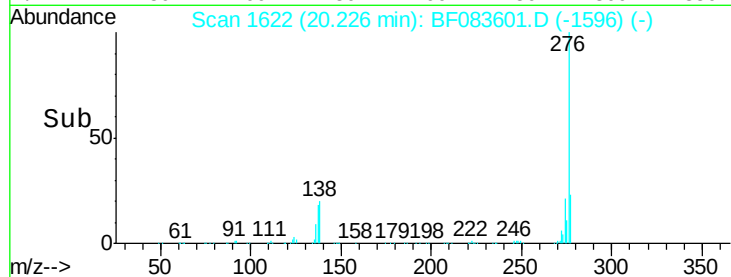
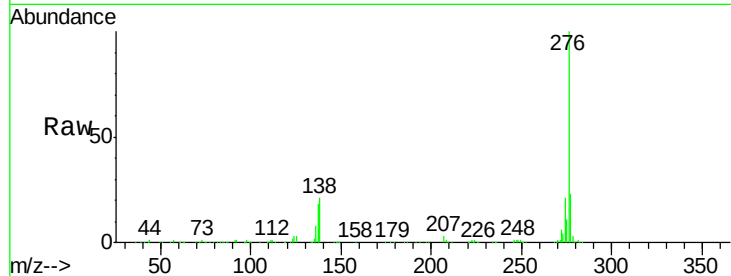
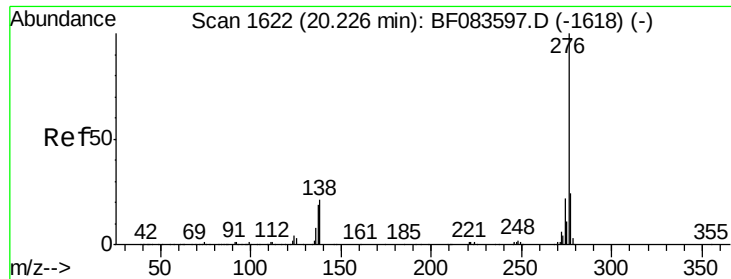
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12/9/2015 6:13:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.49 ng
RT: 19.87 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF083601.D
Acq: 8 Dec 2015 18:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.8	19.2
279	24.3	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 40.16 ng

RT: 20.23 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BF083601.D

Acq: 8 Dec 2015 18:22

Tot Ion:	276	Resp:	729940
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	20.6	19.5	29.3

Instrument :

BNA_F

ClientSampleId :

ICVBF120815

Manual Integrations
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