

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083887.D
 Acq On : 17 Dec 2015 20:56
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Manual Integrations
 APPROVED

MMdadoda
 12/18/2015 6:21:43 PM

Quant Time: Dec 18 01:32:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	51830	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	200098	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	96377	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	185868	20.00	ng	0.00
75) Chrysene-d12	14.03	240	165464	20.00	ng	0.00
86) Perylene-d12	15.47	264	127036	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	266110	80.35	ng	0.00
7) Phenol-d6	6.51	99	300404	74.10	ng	0.00
23) Nitrobenzene-d5	7.44	82	280773	80.08	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	90218	84.97	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	578813	84.21	ng	0.00
78) Terphenyl-d14	12.98	244	608105	86.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	53715	37.39	ng	98
3) Pyridine	3.21	79	125872	35.43	ng	98
4) n-Nitrosodimethylamine	3.15	42	56679	41.83	ng	97
6) Aniline	6.53	93	197650	37.86	ng	92
8) 2-Chlorophenol	6.66	128	154138	39.10	ng	99
9) Benzaldehyde	6.42	77	79350	32.49	ng	99
10) Phenol	6.52	94	162292	35.88	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	136607	39.75	ng	97
12) 1,3-Dichlorobenzene	6.82	146	170308	40.18	ng	99
13) 1,4-Dichlorobenzene	6.89	146	163735	37.83	ng	98
14) 1,2-Dichlorobenzene	7.05	146	166091	47.87	ng	100
15) Benzyl Alcohol	7.01	79	117725	38.37	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.15	45	139880	39.48	ng	99
17) 2-Methylphenol	7.14	107	122069	39.48	ng	99
18) Hexachloroethane	7.39	117	62156	39.14	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	90904	38.47	ng	# 83
20) 3+4-Methylphenols	7.29	107	141094	38.83	ng	97
22) Acetophenone	7.29	105	207878	43.15	ng	100
24) Nitrobenzene	7.46	77	159563	44.01	ng	98
25) Isophorone	7.70	82	264239	40.06	ng	99
26) 2-Nitrophenol	7.78	139	82721	44.07	ng	99
27) 2,4-Dimethylphenol	7.81	122	127389	39.40	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	143517	36.78	ng	99
29) 2,4-Dichlorophenol	8.02	162	124361	42.40	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	122404	38.86	ng	99
31) Naphthalene	8.18	128	419611	41.45	ng	99
32) Benzoic acid	7.94	122	62500	51.14	ng	94
33) 4-Chloroaniline	8.22	127	168639	37.13	ng	99
34) Hexachlorobutadiene	8.30	225	77151	39.22	ng	99
35) Caprolactam	8.60	113	38255	39.47	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	150194	45.38	ng	99
37) 2-Methylnaphthalene	8.88	142	283320	40.74	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	121260	39.90	ng	98
40) Hexachlorocyclopentadiene	9.04	237	32134	42.82	ng	98

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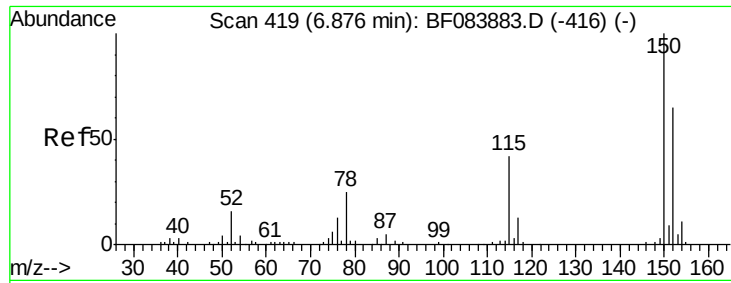
Manual Integrations
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Quant Time: Dec 18 01:32:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	81409	40.57	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	82265	41.43	ng	98
45) 1,1'-Biphenyl	9.33	154	345990	42.69	ng	99
46) 2-Chloronaphthalene	9.36	162	262323	41.28	ng	99
47) 2-Nitroaniline	9.45	65	73667	38.65	ng	98
48) Acenaphthylene	9.78	152	459159	40.87	ng	99
49) Dimethylphthalate	9.64	163	341586	42.24	ng	99
50) 2,6-Dinitrotoluene	9.70	165	77247	43.79	ng	98
51) Acenaphthene	9.95	154	278064	40.25	ng	99
52) 3-Nitroaniline	9.86	138	73364	39.45	ng	98
53) 2,4-Dinitrophenol	9.97	184	24085	43.43	ng	98
54) Dibenzofuran	10.12	168	355529	39.63	ng	99
55) 4-Nitrophenol	10.03	139	55758	48.03	ng	98
56) 2,4-Dinitrotoluene	10.10	165	97773	43.24	ng	95
57) Fluorene	10.46	166	304249	44.56	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	64885	44.17	ng	95
59) Diethylphthalate	10.34	149	344996	41.26	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	143874	41.84	ng	99
61) 4-Nitroaniline	10.48	138	74277	38.61	ng	98
62) Azobenzene	10.61	77	299865	42.79	ng	99
64) 4,6-Dinitro-2-methylphenol	10.51	198	48553	42.96	ng	96
65) n-Nitrosodiphenylamine	10.57	169	253836	37.53	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	86923	38.25	ng	97
67) Hexachlorobenzene	11.01	284	98390	41.12	ng	97
68) Atrazine	11.09	200	74731	34.88	ng	98
69) Pentachlorophenol	11.21	266	37492	39.47	ng	98
70) Phenanthrene	11.42	178	420097	37.41	ng	99
71) Anthracene	11.47	178	435688	40.14	ng	100
72) Carbazole	11.62	167	392651	36.61	ng	100
73) Di-n-butylphthalate	11.96	149	513336	40.73	ng	100
74) Fluoranthene	12.60	202	430247	38.39	ng	99
76) Benzidine	12.72	184	225811	34.08	ng	97
77) Pyrene	12.83	202	448007	42.76	ng	100
79) Butylbenzylphthalate	13.45	149	215852	39.19	ng	99
80) Benzo(a)anthracene	14.02	228	380155	37.37	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	140400	36.92	ng	# 95
82) Chrysene	14.05	228	364252	37.06	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	281860	38.33	ng	99
84) Di-n-octyl phthalate	14.63	149	467220	40.60	ng	100
85) Indeno(1,2,3-cd)pyrene	16.90	276	305016	41.51	ng	99
87) Benzo(b)fluoranthene	15.06	252	370966	40.05	ng	99
88) Benzo(k)fluoranthene	15.08	252	302725m	39.62	ng	
89) Benzo(a)pyrene	15.41	252	310883	40.65	ng	100
90) Dibenzo(a,h)anthracene	16.90	278	254366	42.75	ng	99
91) Benzo(g,h,i)perylene	17.32	276	250454	42.95	ng	99

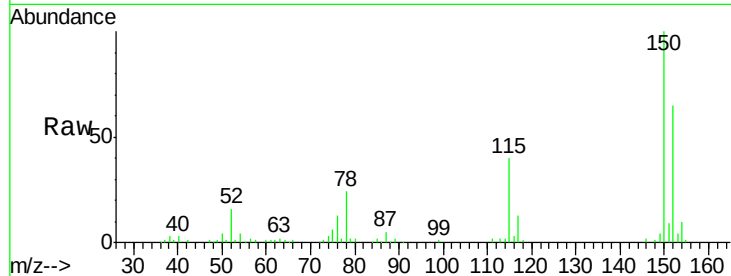
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

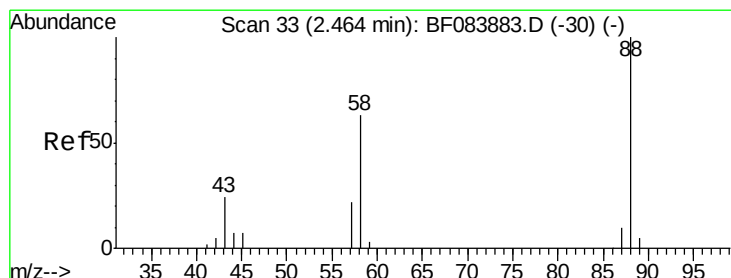
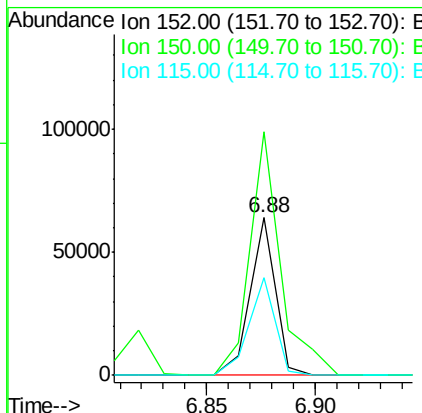
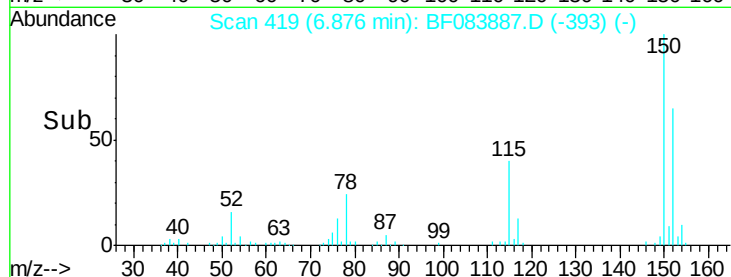
Instrument :
BNA_F
ClientSampleId :
ICVBF121815



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.4
115	62.1	51.4	77.2

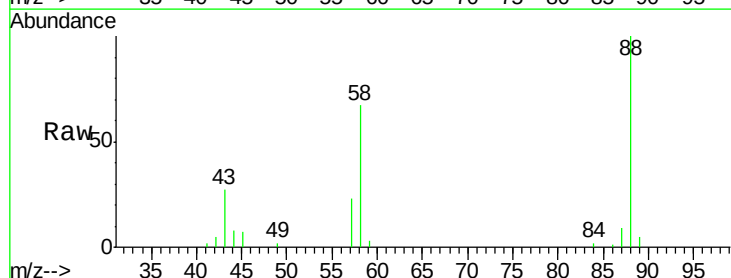
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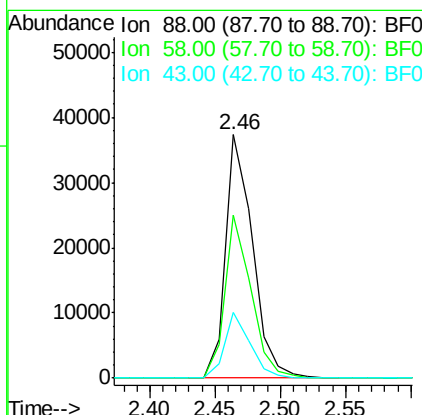
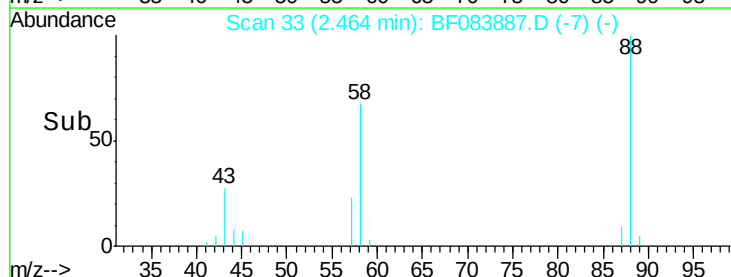


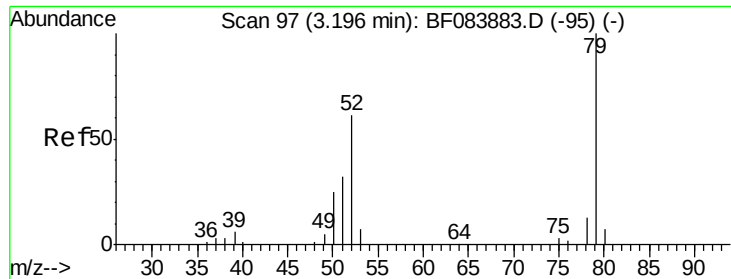
#2

1,4-Dioxane
Concen: 37.39 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56



Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	51.2	76.8
43	25.2	19.5	29.3





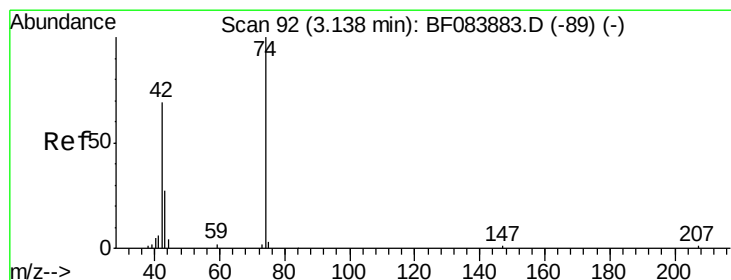
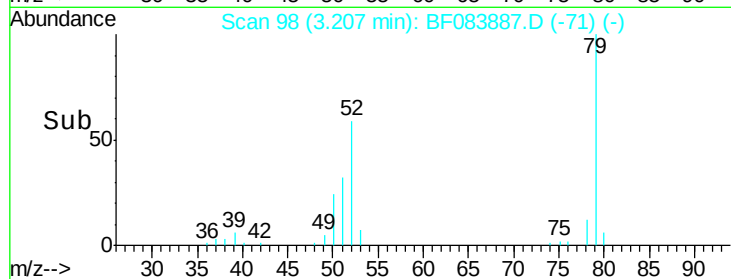
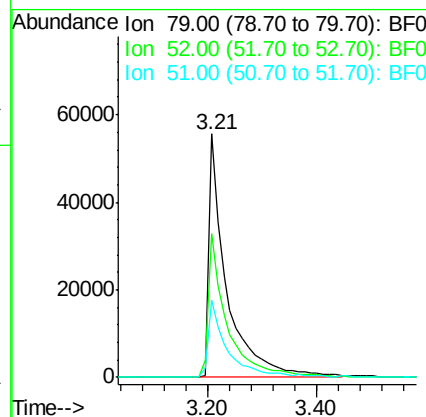
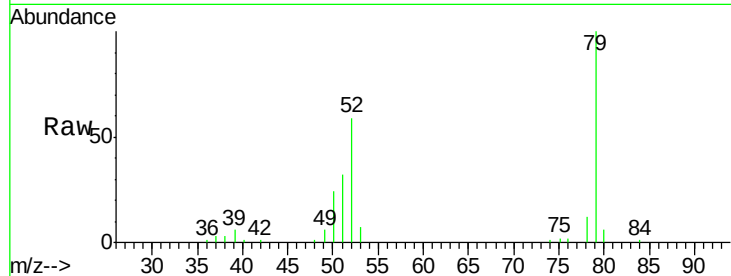
#3
Pyridine
Concen: 35.43 ng
RT: 3.21 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.2	49.0	73.4
51	31.6	25.2	37.8

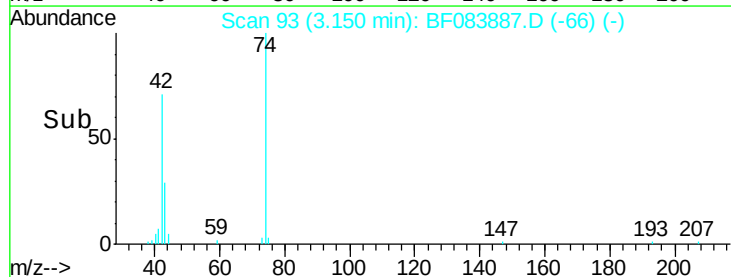
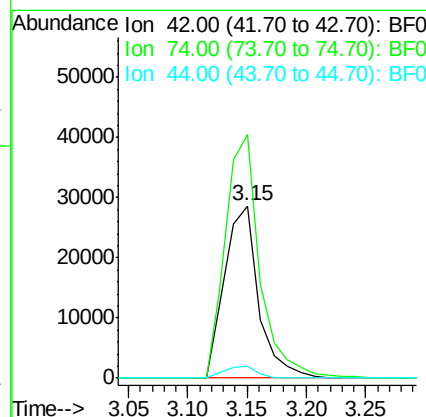
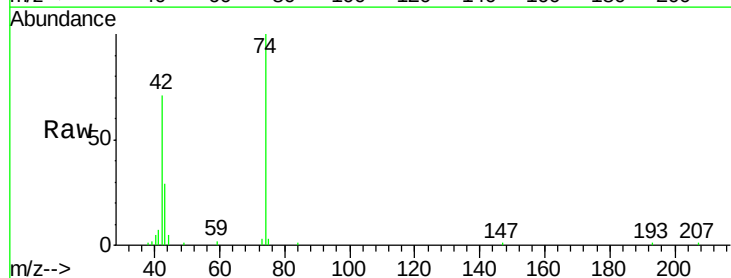
Manual Integrations
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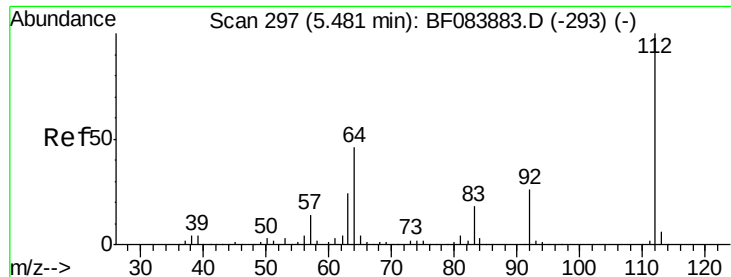
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#4
n-Nitrosodimethylamine
Concen: 41.83 ng
RT: 3.15 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.2	115.7	173.5
44	6.9	5.1	7.7





#5

2-Fluorophenol

Concen: 80.35 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

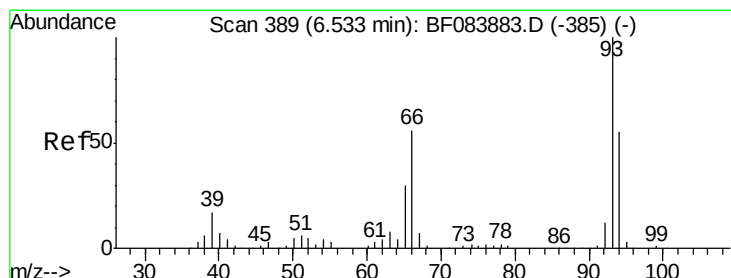
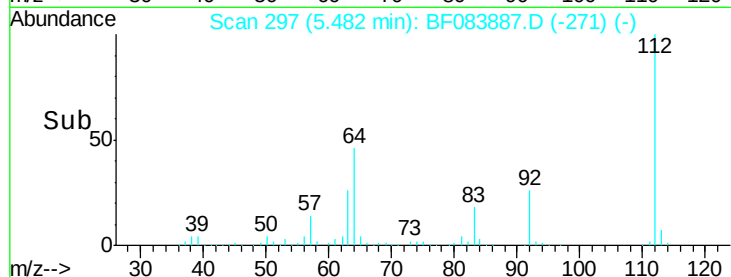
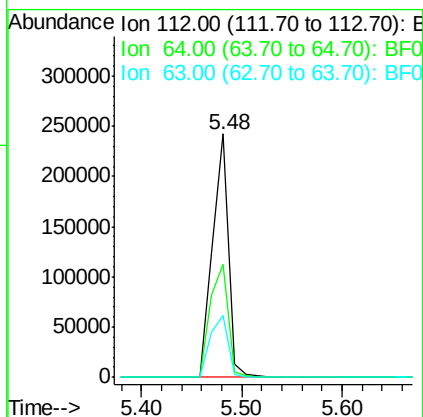
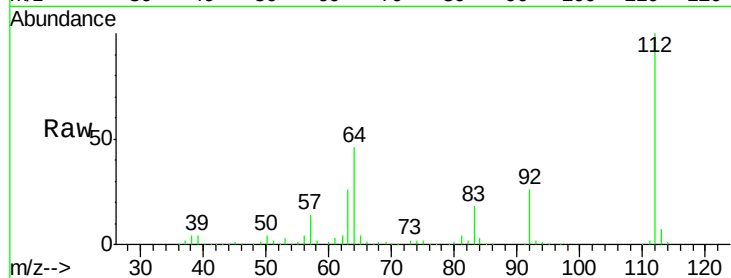
ClientSampleId :

ICVBF121815

Tgt Ion:	112	Resp:	266110
Ion Ratio	Lower	Upper	
112	100		
64	46.3	36.6	55.0
63	25.5	19.4	29.0

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#6

Aniline

Concen: 37.86 ng

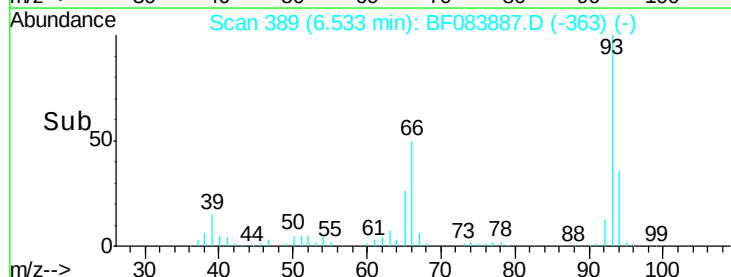
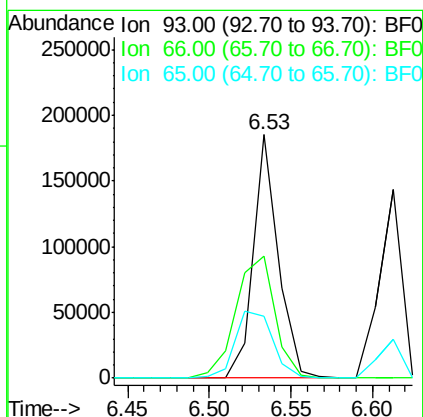
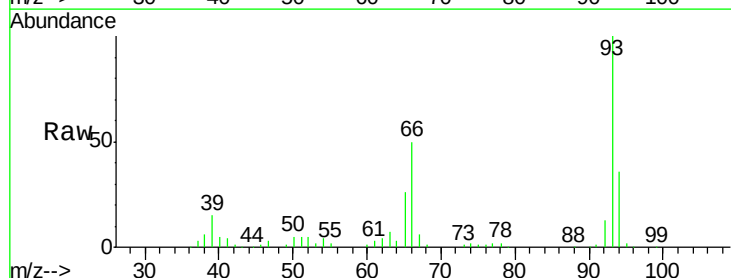
RT: 6.53 min Scan# 389

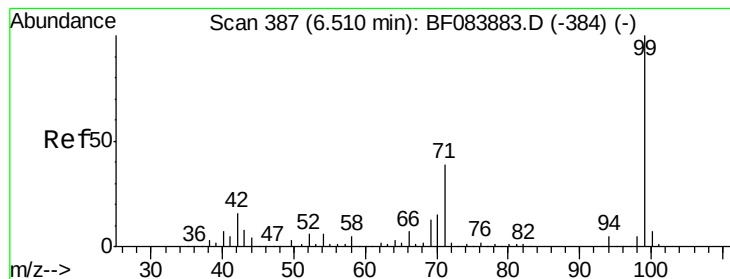
Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:	93	Resp:	197650
Ion Ratio	Lower	Upper	
93	100		
66	50.2	44.9	67.3
65	25.6	23.7	35.5





#7

Phenol-d6

Concen: 74.10 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

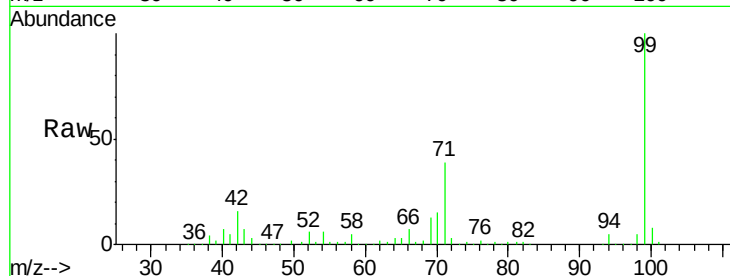
ClientSampleId :

ICVBF121815

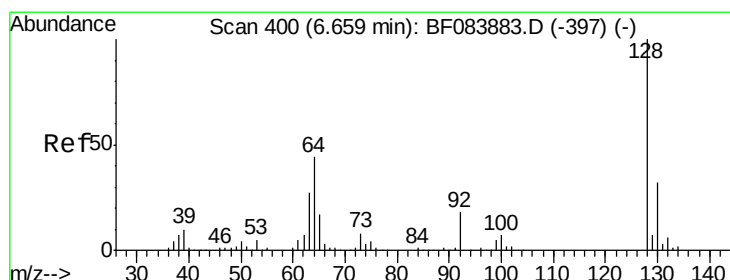
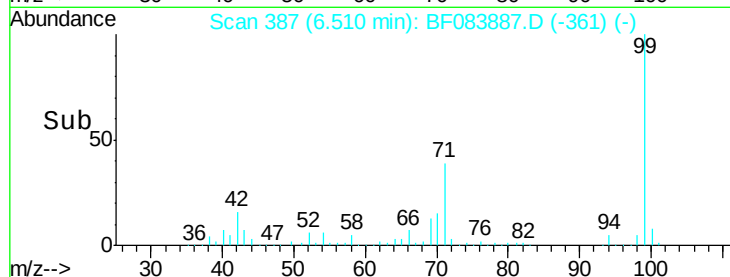
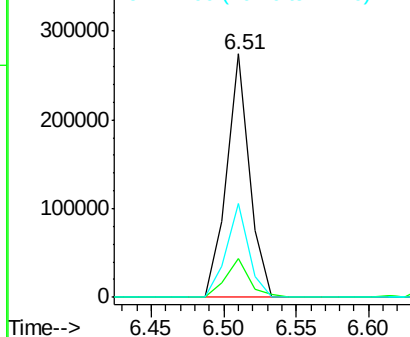
Tgt Ion:	99	Resp:	300404
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	38.6	30.9	46.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.10 ng

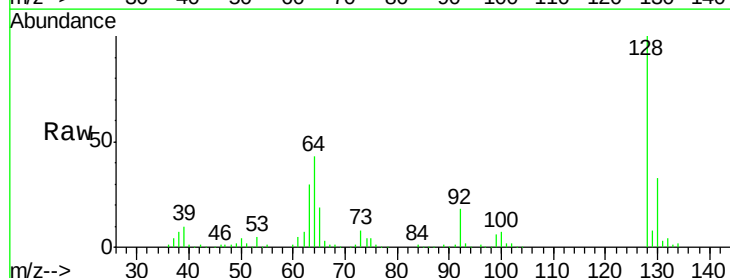
RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

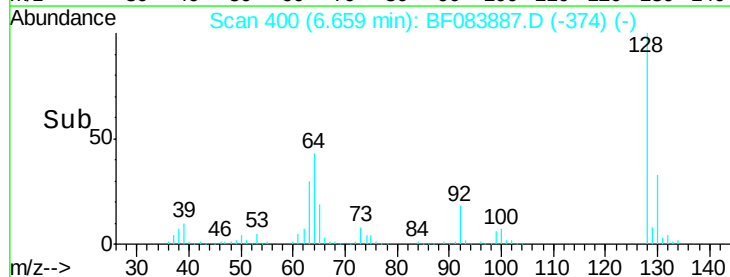
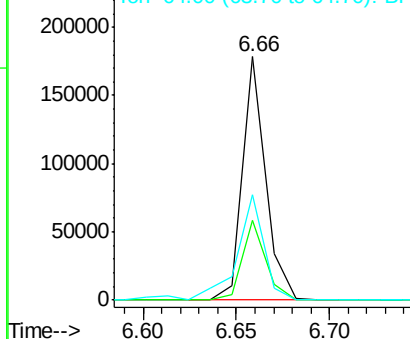
Lab File: BF083887.D

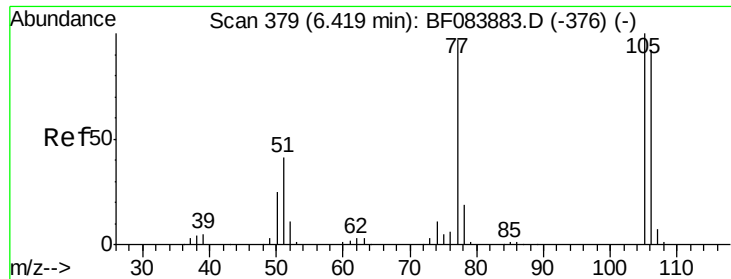
Acq: 17 Dec 2015 20:56

Tgt Ion:	128	Resp:	154138
Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.6	51.6
64	43.3	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.49 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

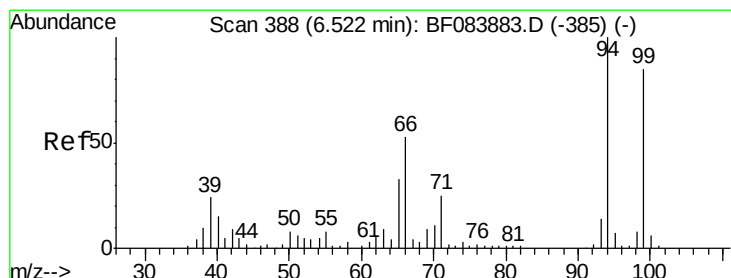
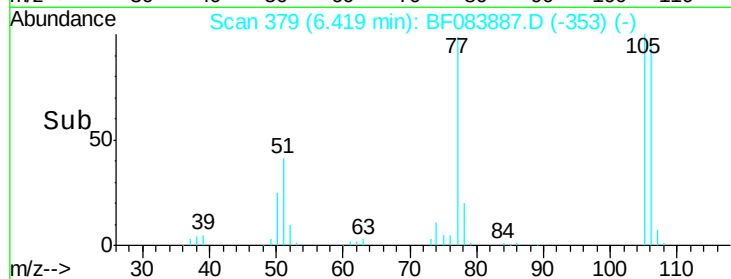
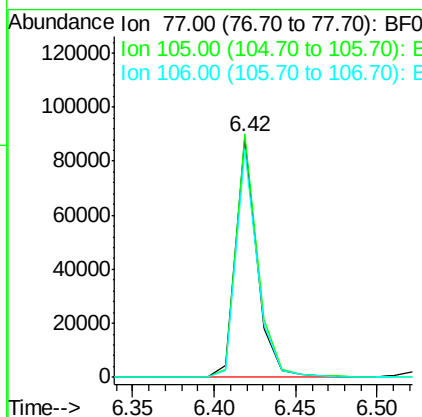
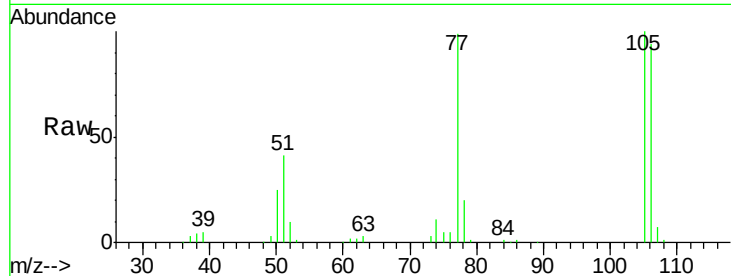
ClientSampleId :

ICVBF121815

Tgt Ion:	77	Resp:	79350
Ion	Ratio	Lower	Upper
77	100		
105	101.5	83.0	123.0
106	95.4	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 35.88 ng

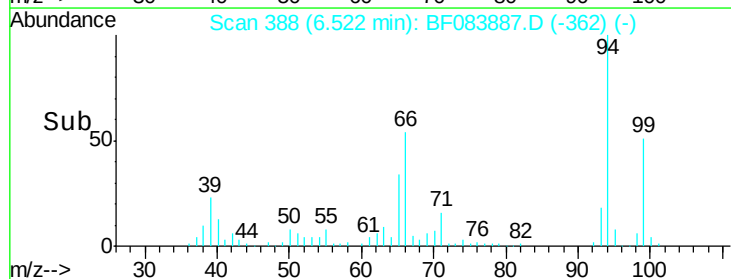
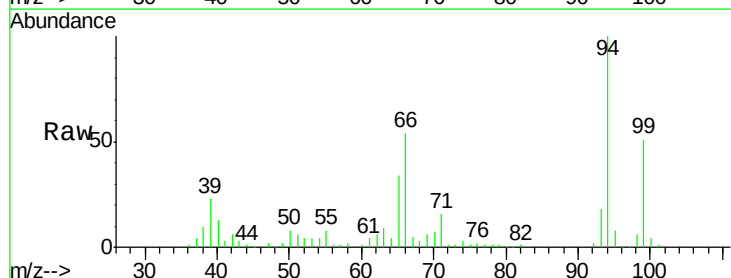
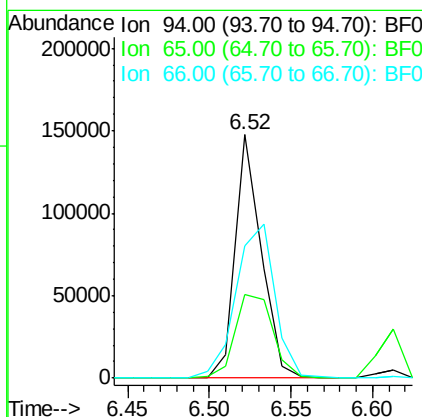
RT: 6.52 min Scan# 388

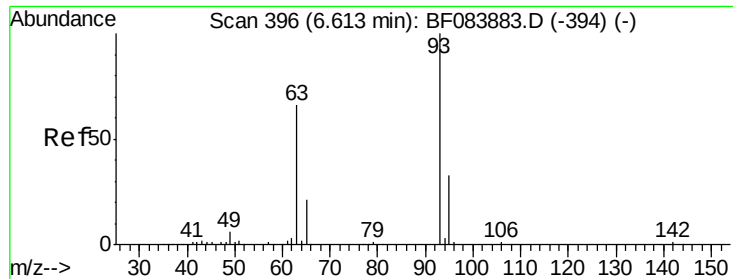
Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:	94	Resp:	162292
Ion	Ratio	Lower	Upper
94	100		
65	34.2	12.9	52.9
66	54.5	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 39.75 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

Tgt Ion: 93 Resp: 136607
Ion Ratio Lower Upper

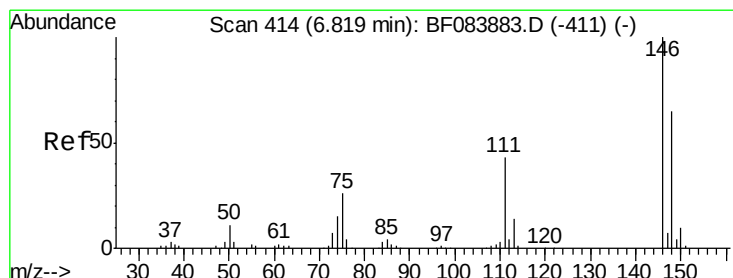
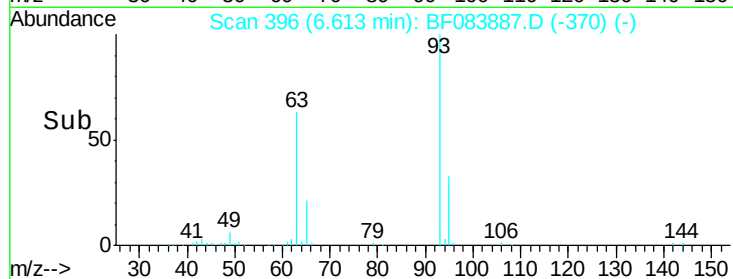
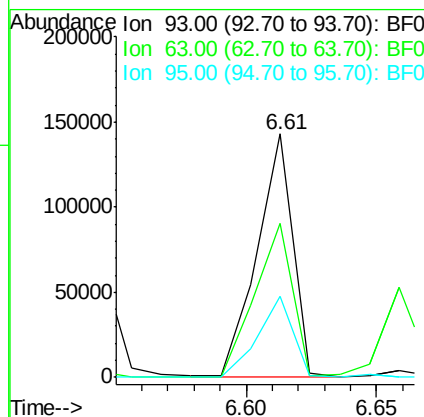
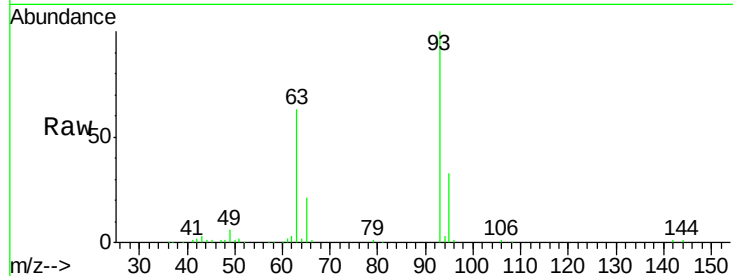
93 100

63 63.3 45.9 85.9

95 33.1 12.3 52.3

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#12

1,3-Dichlorobenzene

Concen: 40.18 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF083887.D

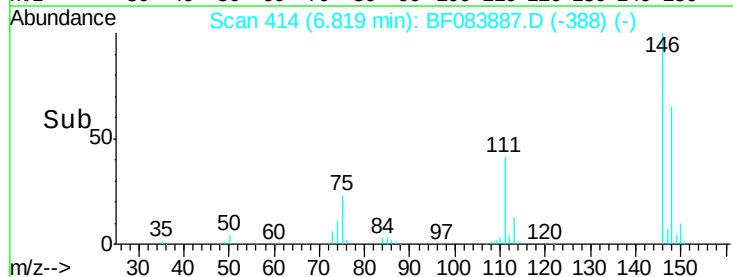
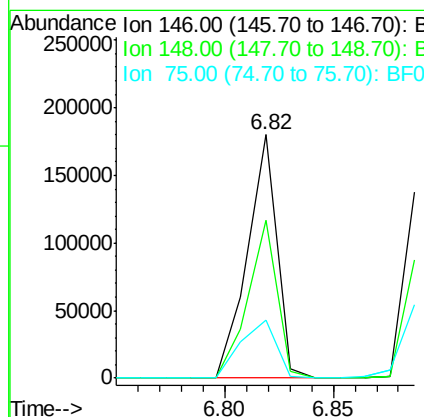
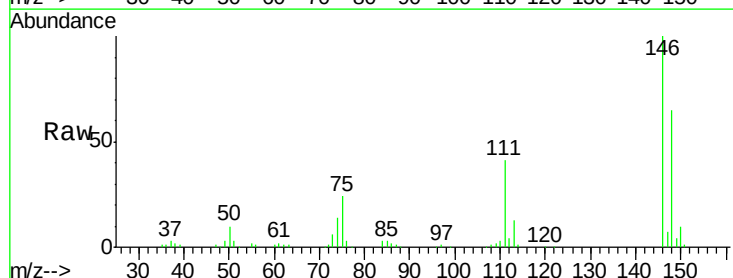
Acq: 17 Dec 2015 20:56

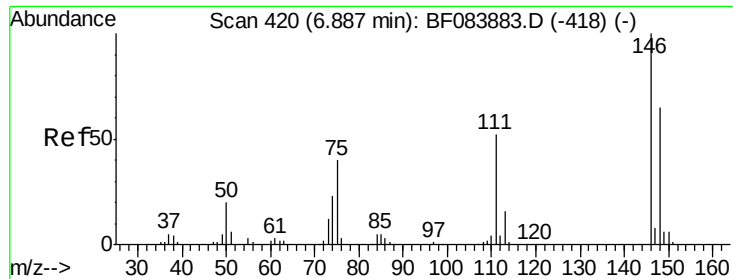
Tgt Ion: 146 Resp: 170308
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 24.1 20.5 30.7





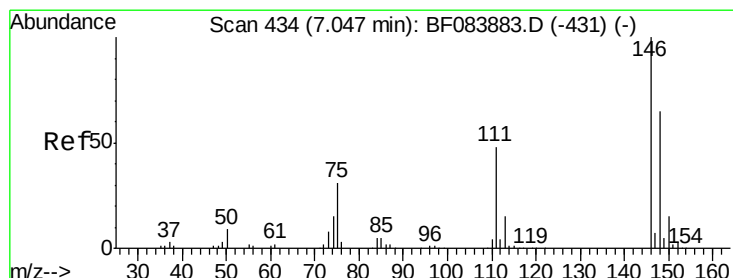
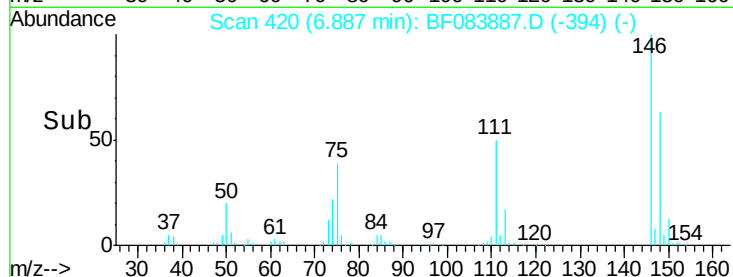
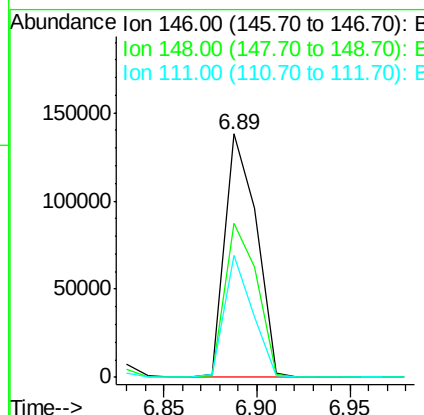
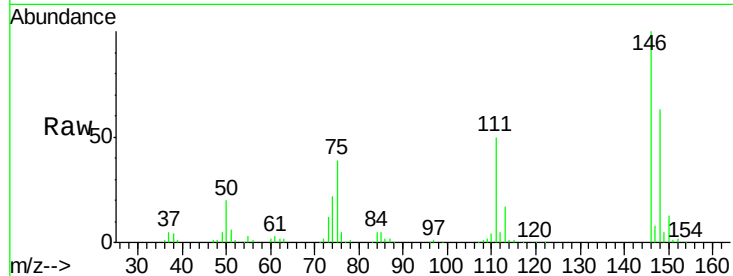
#13
 1,4-Dichlorobenzene
 Concen: 37.83 ng
 RT: 6.89 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	50.2	41.6	62.4

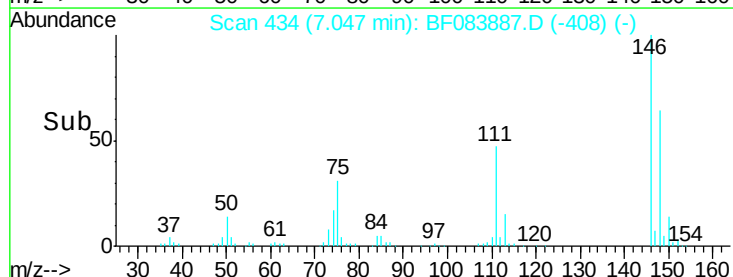
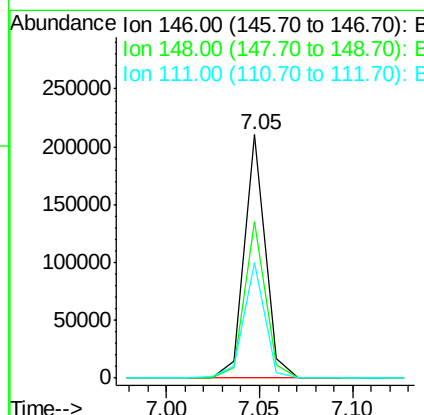
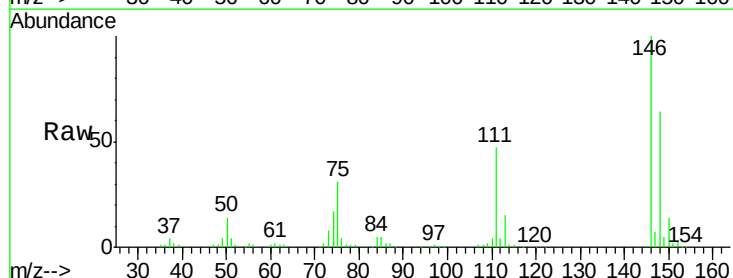
Manual Integrations
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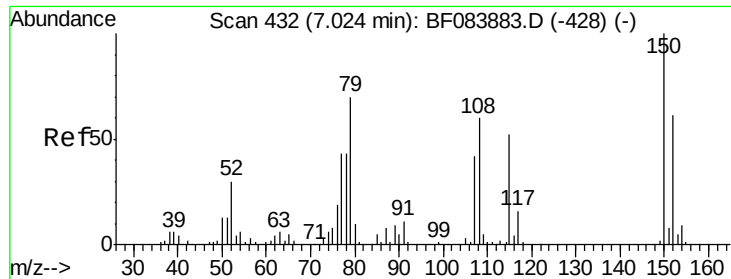
MMdadoda
 12/18/2015 6:21:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.87 ng
 RT: 7.05 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	47.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 38.37 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815

Tgt Ion: 79 Resp: 117725
Ion Ratio Lower Upper

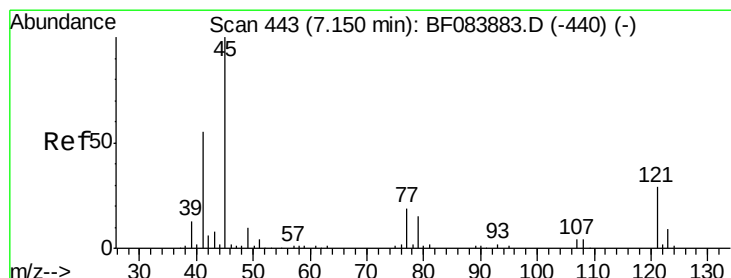
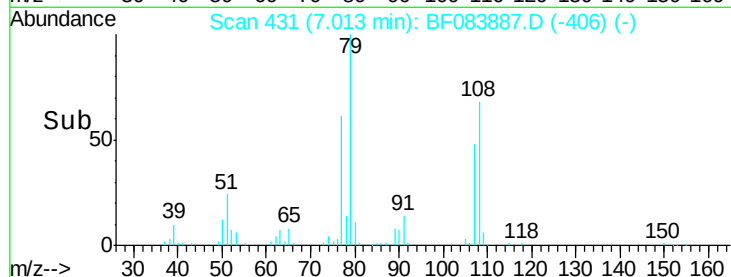
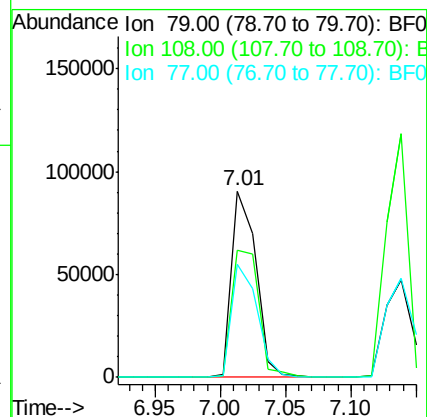
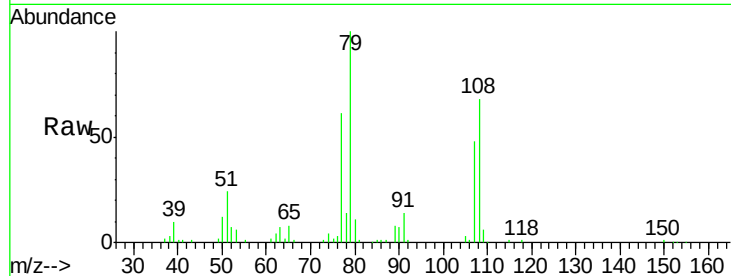
79 100

108 68.3 69.0 103.4#

77 60.8 50.0 75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.48 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF083887.D

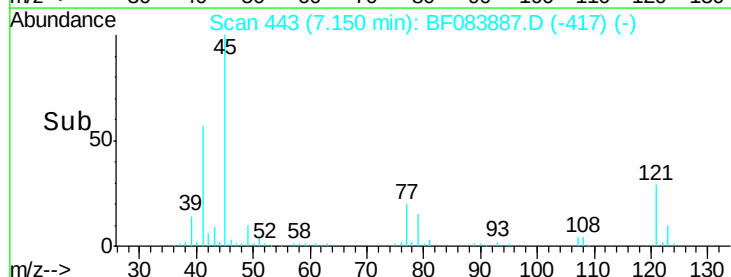
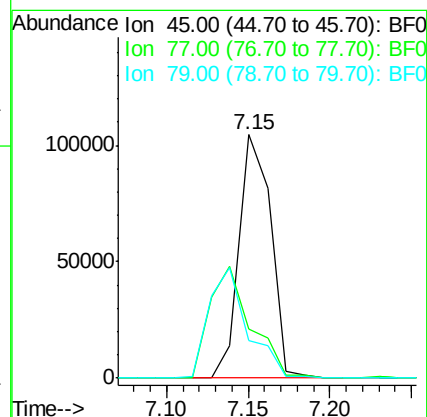
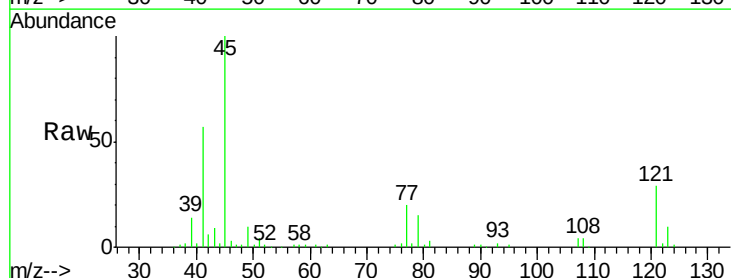
Acq: 17 Dec 2015 20:56

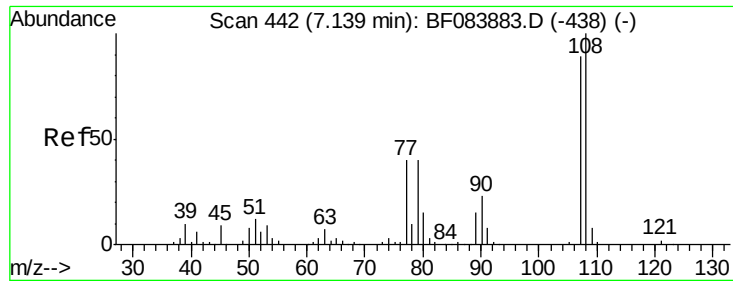
Tgt Ion: 45 Resp: 139880
Ion Ratio Lower Upper

45 100

77 20.0 0.0 39.6

79 15.3 0.0 35.0





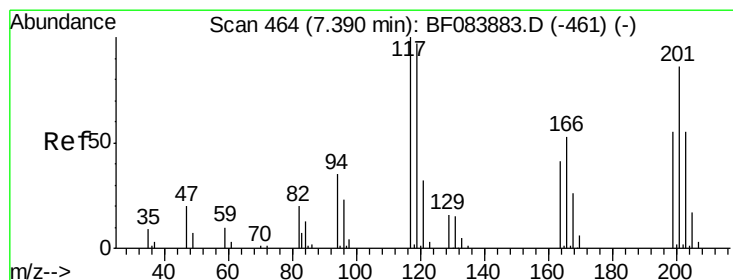
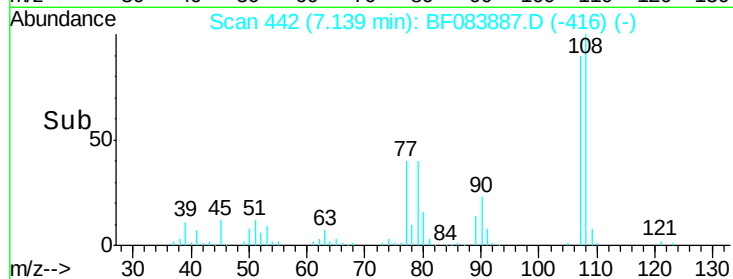
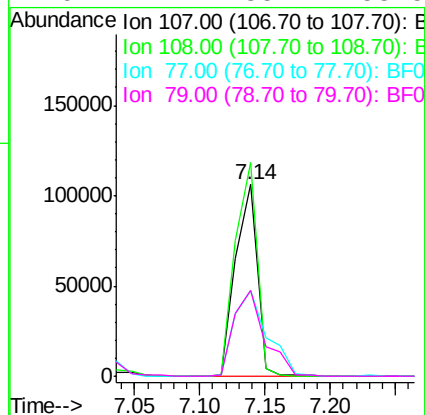
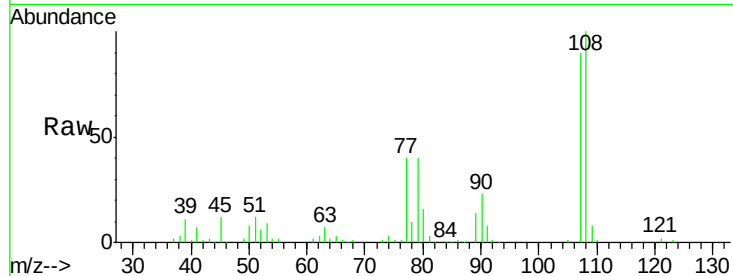
#17
2-Methylphenol
Concen: 39.48 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	122069		
108	111.4	89.8	134.6	
77	45.1	35.7	53.5	
79	44.7	35.7	53.5	

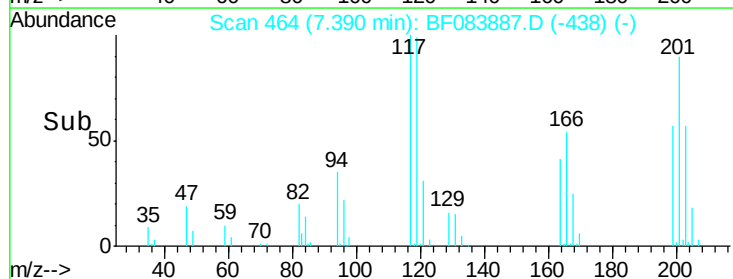
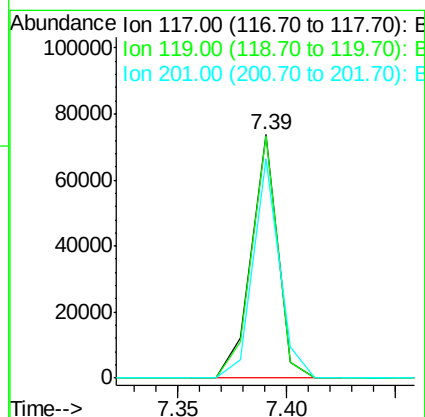
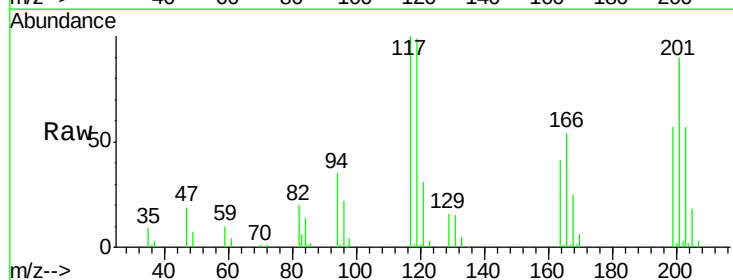
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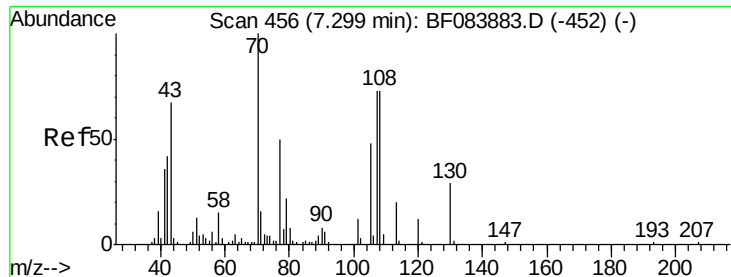
MMdadoda
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#18
Hexachloroethane
Concen: 39.14 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	62156		
119	99.4	77.4	116.0	
201	90.2	68.6	103.0	





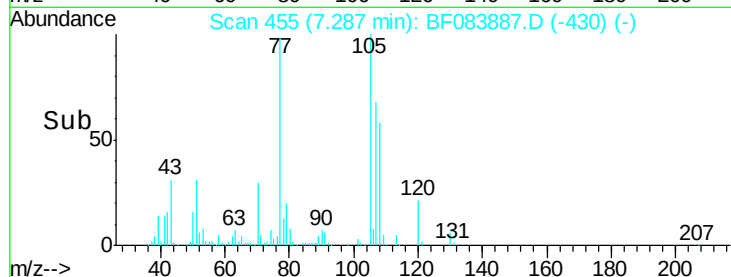
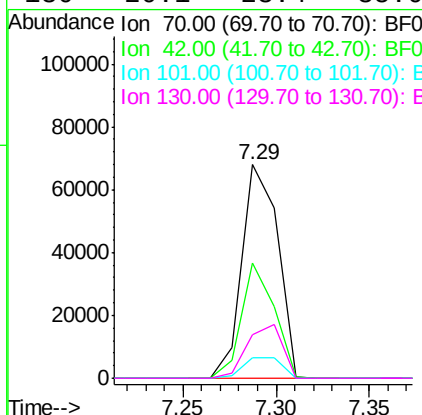
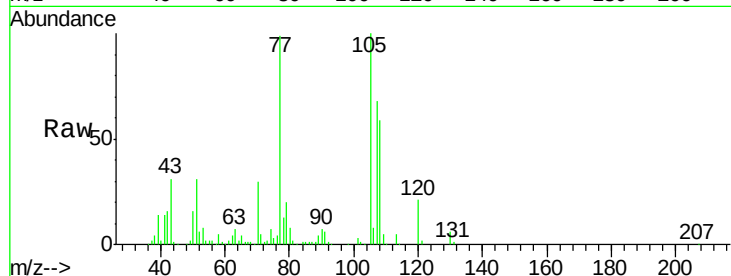
#19
n-Nitroso-di-n-propylamine
Concen: 38.47 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.0	33.3	49.9#
101	9.4	9.3	13.9
130	20.1	23.4	35.0#

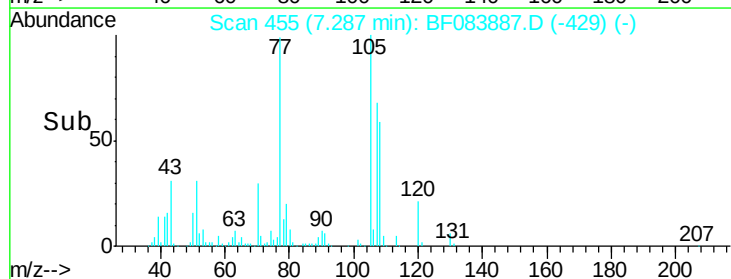
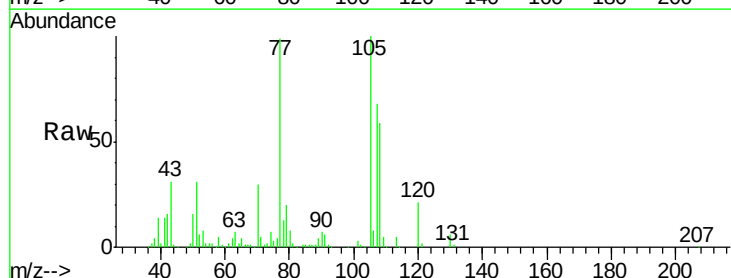
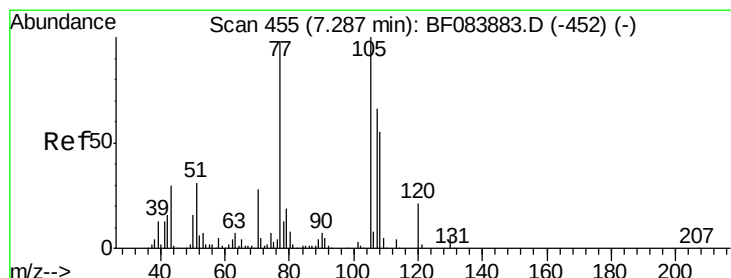
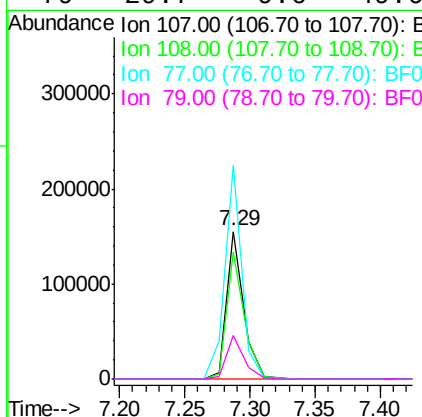
Manual Integrations
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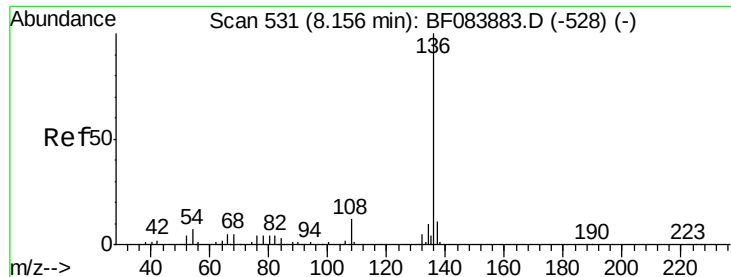
MMdadoda
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#20
3+4-Methylphenols
Concen: 38.83 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

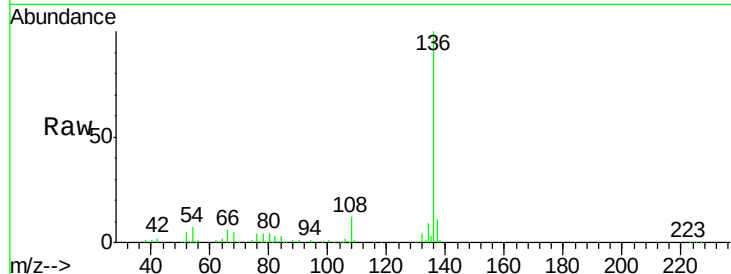
Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	64.1	104.1
77	144.7	128.9	168.9
79	29.7	9.6	49.6





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

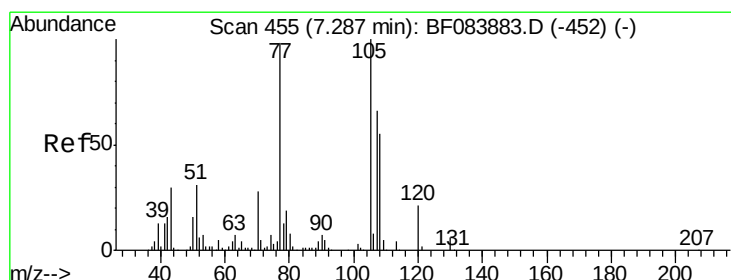
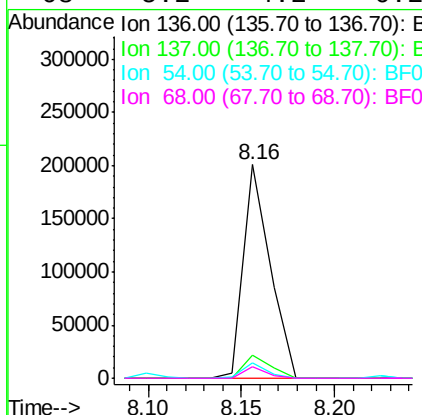
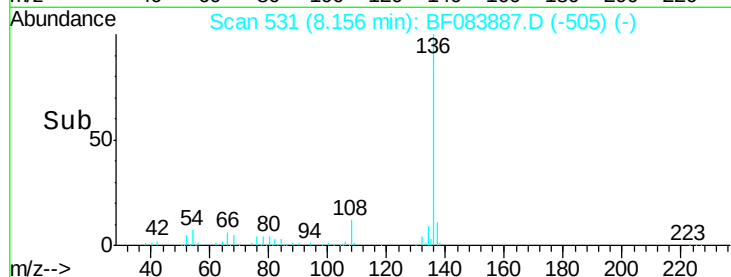
Instrument :
BNA_F
ClientSampleId :
ICVBF121815



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	200098		
137	11.0	8.7	13.1	
54	7.1	5.8	8.8	
68	5.2	4.2	6.2	

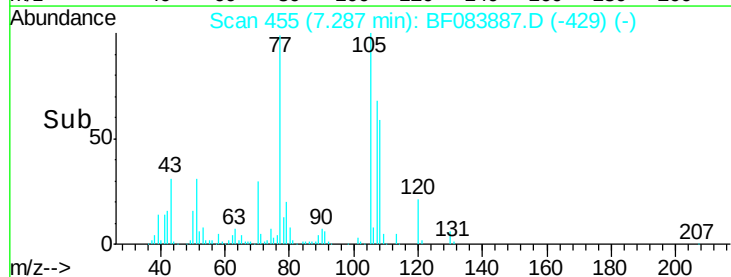
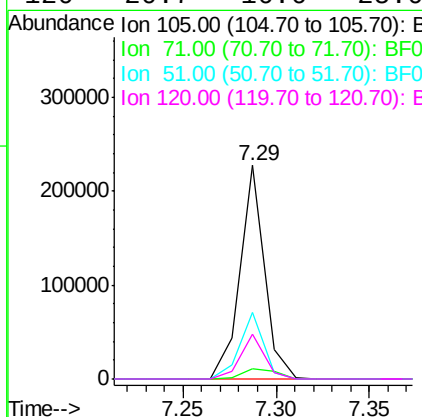
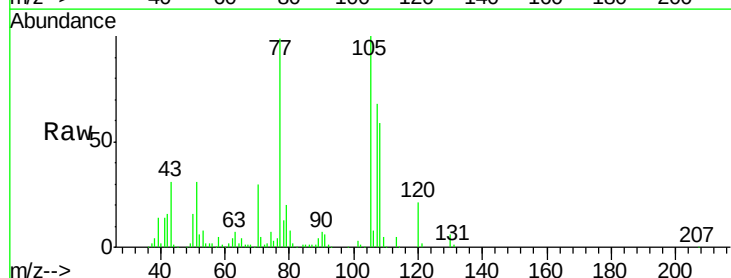
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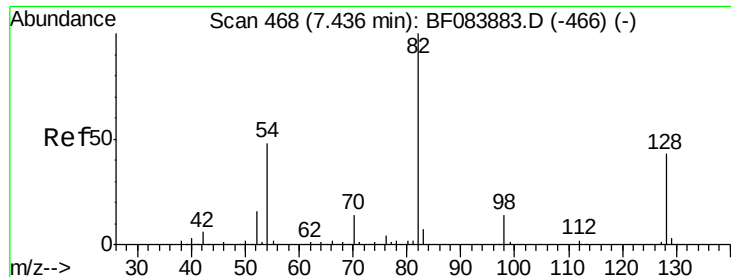
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#22
Acetophenone
Concen: 43.15 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207878		
71	5.0	3.7	5.5	
51	31.3	25.1	37.7	
120	20.7	16.6	25.0	





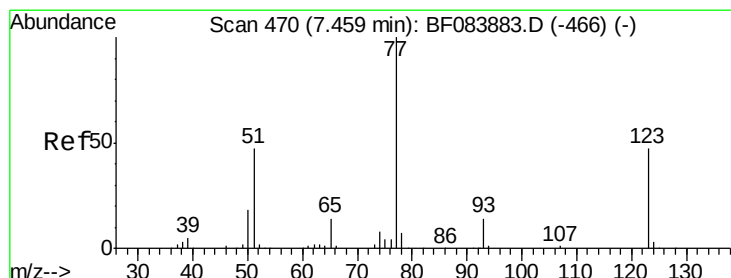
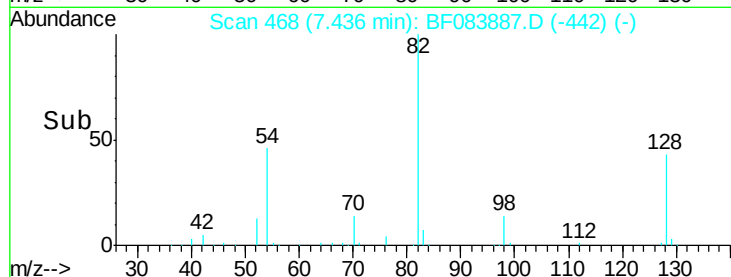
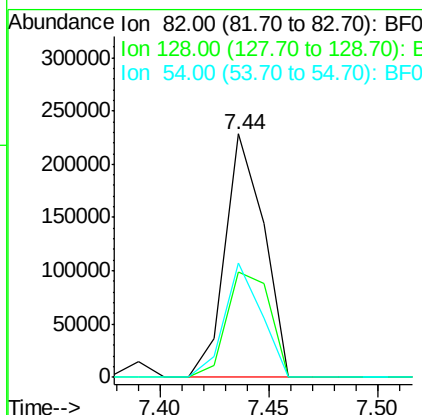
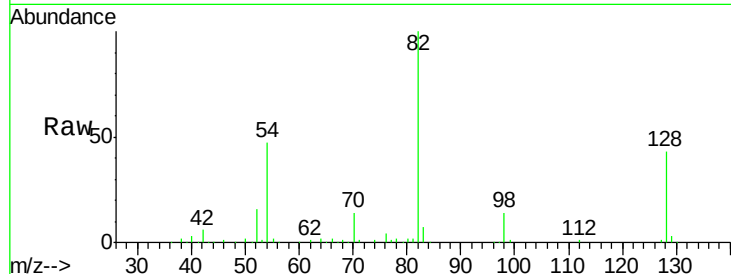
#23
 Nitrobenzene-d5
 Concen: 80.08 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	280773		
128	43.2	34.6	51.8	
54	47.1	38.4	57.6	

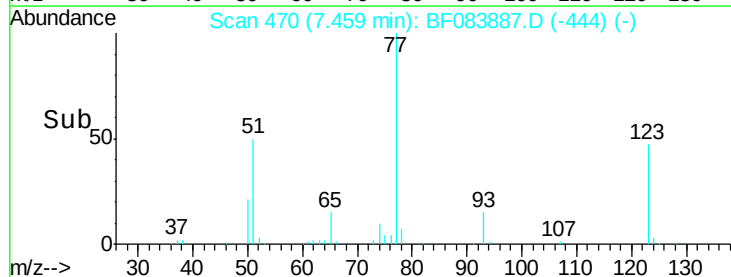
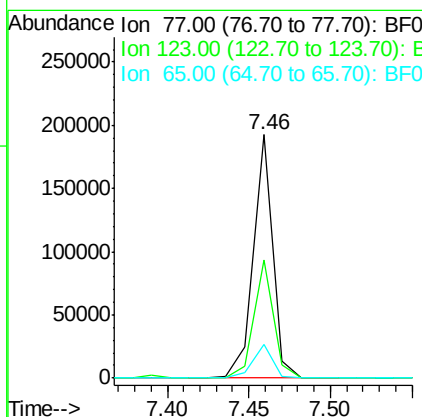
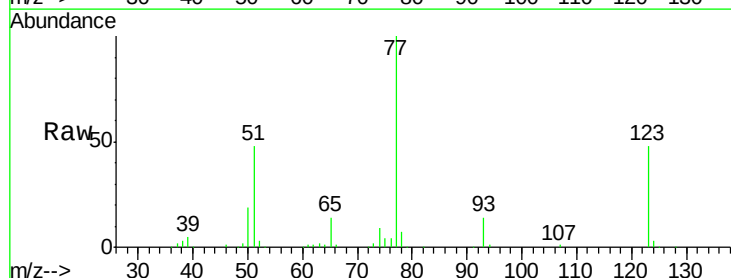
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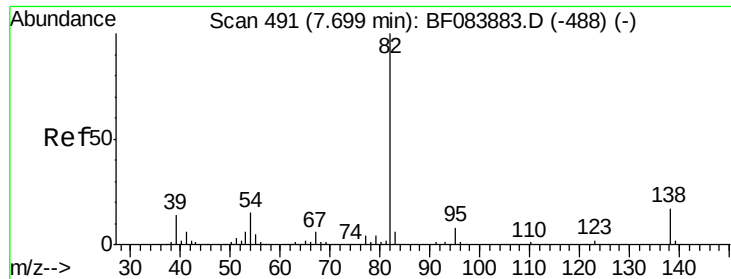
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#24
 Nitrobenzene
 Concen: 44.01 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	159563		
123	48.4	37.4	56.2	
65	13.7	10.9	16.3	





#25

Isophorone

Concen: 40.06 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

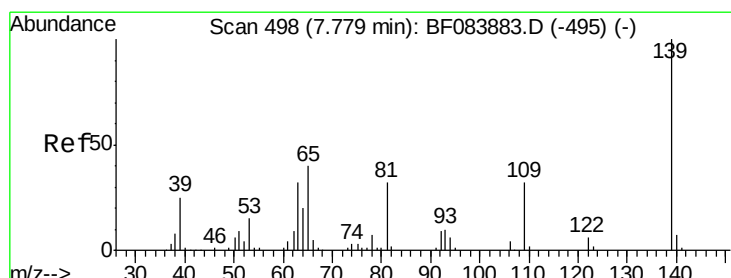
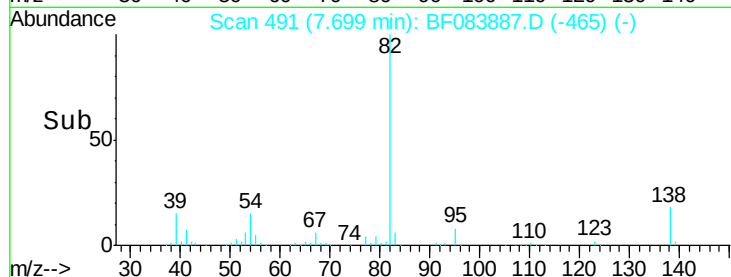
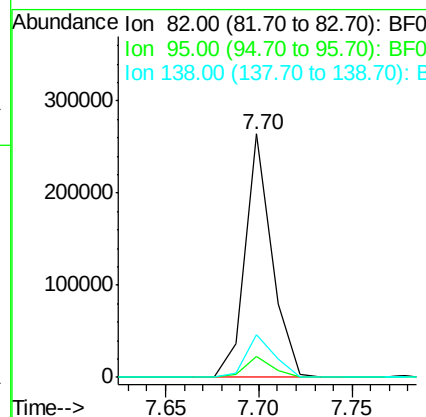
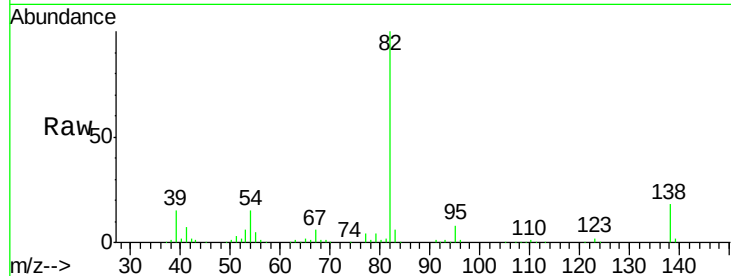
ClientSampleId :

ICVBF121815

Tgt Ion:	82	Resp:	264239
Ion Ratio		Lower	Upper
82	100		
95	8.4	6.6	10.0
138	17.6	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.07 ng

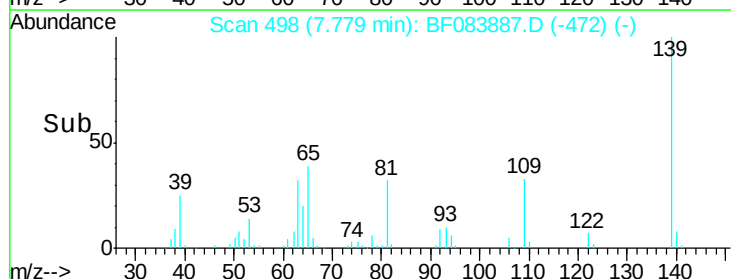
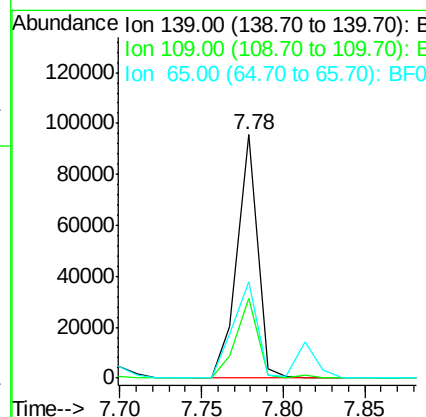
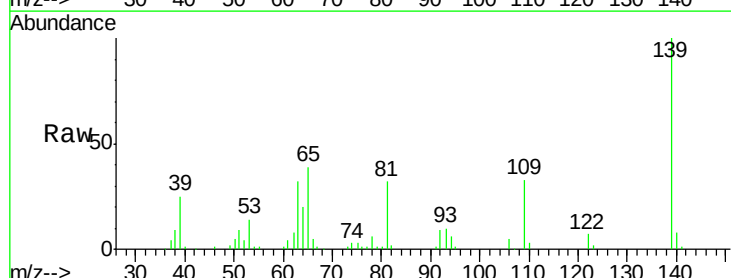
RT: 7.78 min Scan# 498

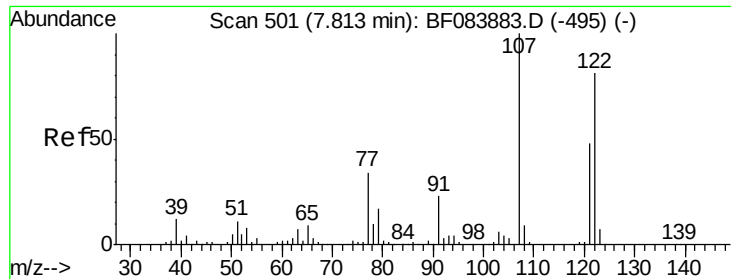
Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:	139	Resp:	82721
Ion Ratio		Lower	Upper
139	100		
109	32.6	25.4	38.2
65	39.5	32.3	48.5





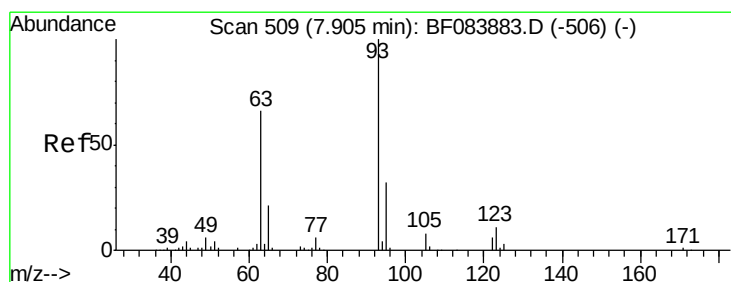
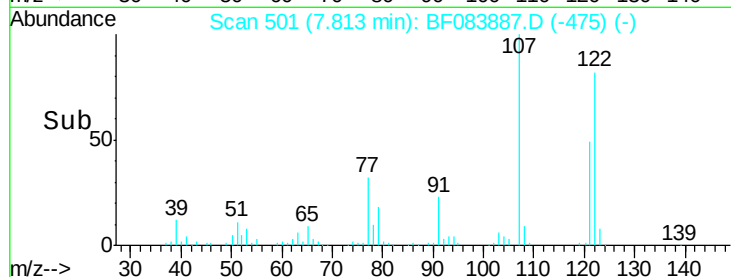
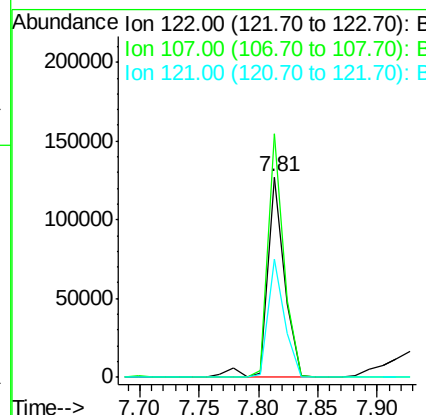
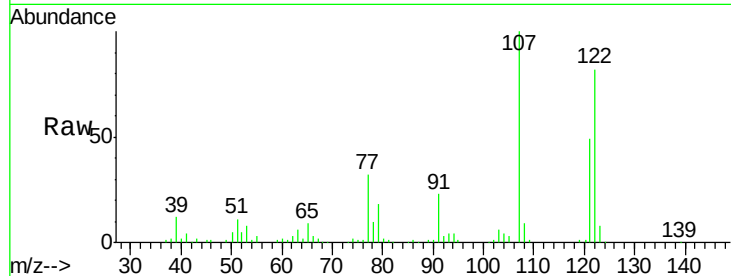
#27
2,4-Dimethylphenol
Concen: 39.40 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	127389		
107	121.6	99.1	148.7	
121	59.2	47.9	71.9	

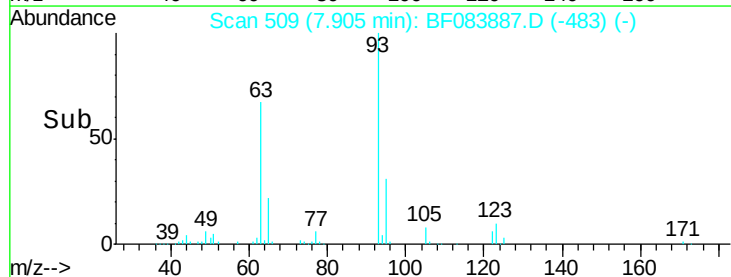
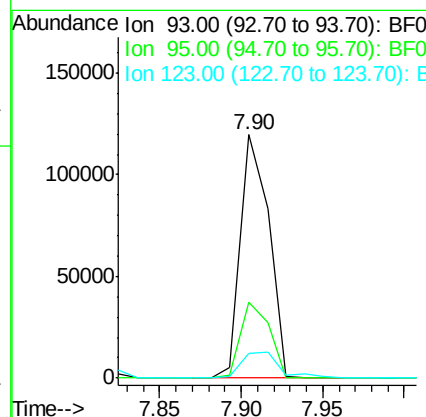
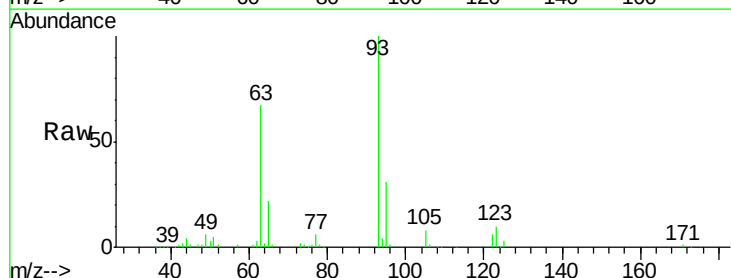
Manual Integrations
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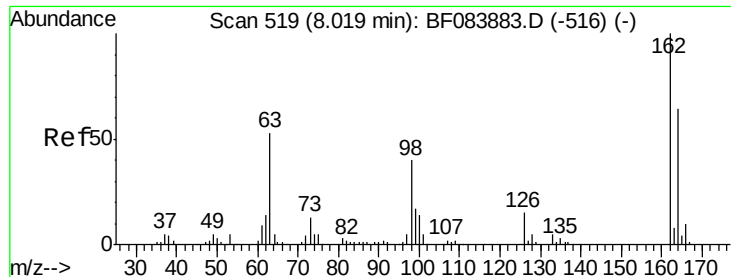
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#28
bis(2-Chloroethoxy)methane
Concen: 36.78 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	143517		
95	31.4	25.8	38.6	
123	10.4	8.6	12.8	





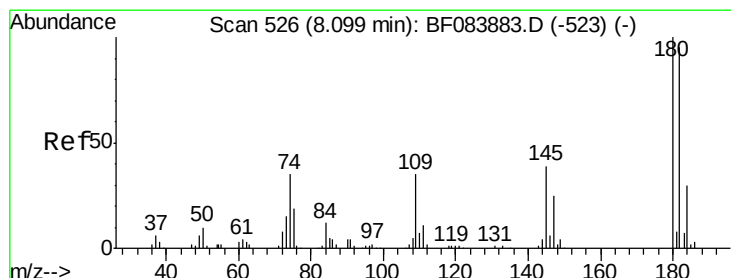
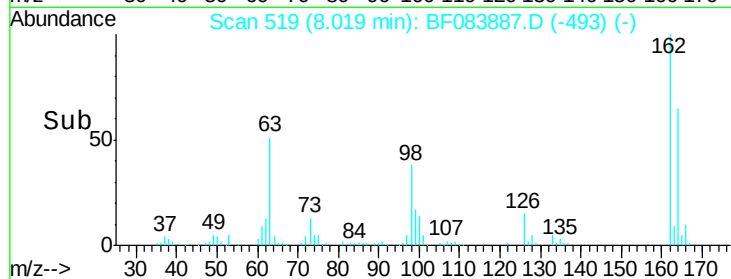
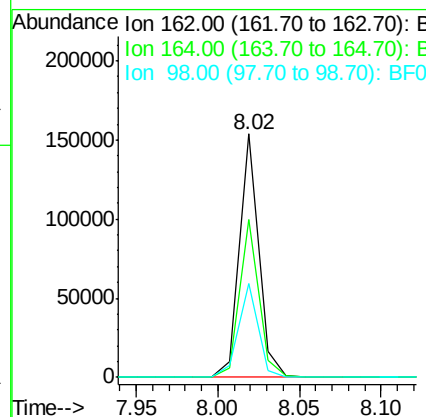
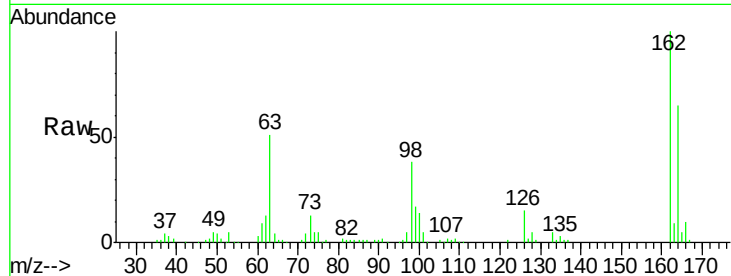
#29
 2,4-Dichlorophenol
 Concen: 42.40 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	44.1	84.1
98	38.4	20.2	60.2

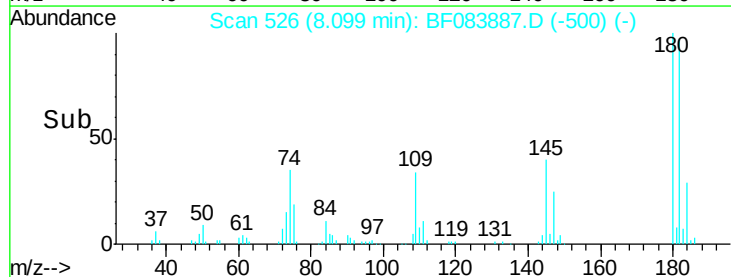
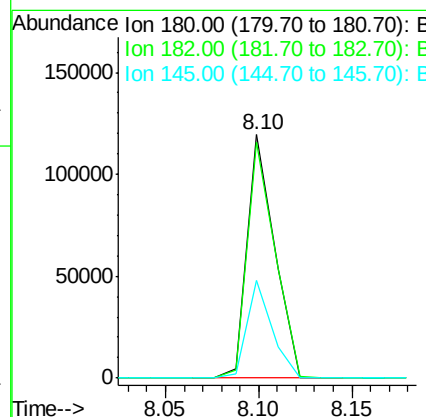
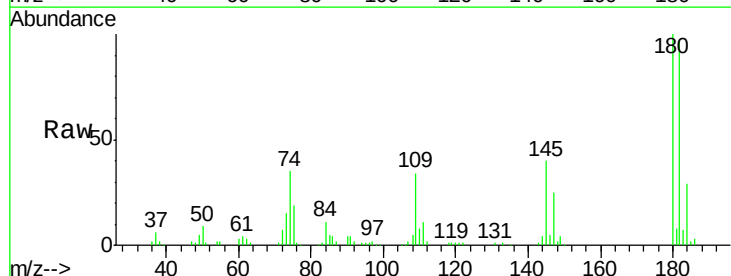
Manual Integrations
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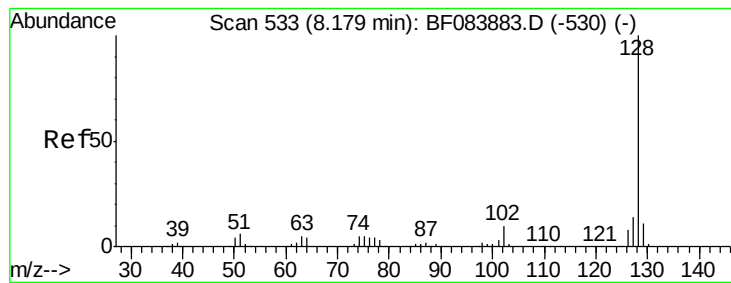
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.86 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	76.4	114.6
145	40.0	31.6	47.4





#31

Naphthalene

Concen: 41.45 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF083887.D

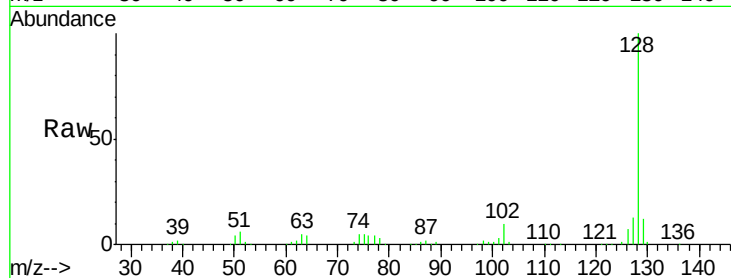
Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

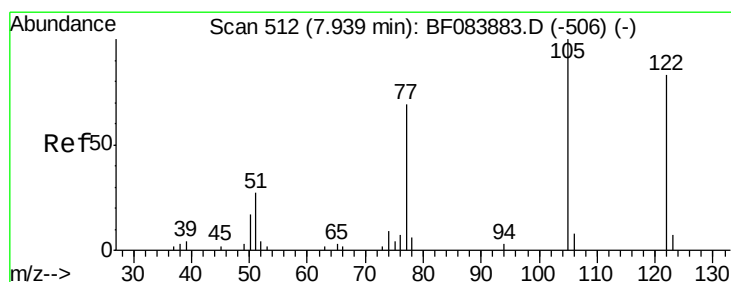
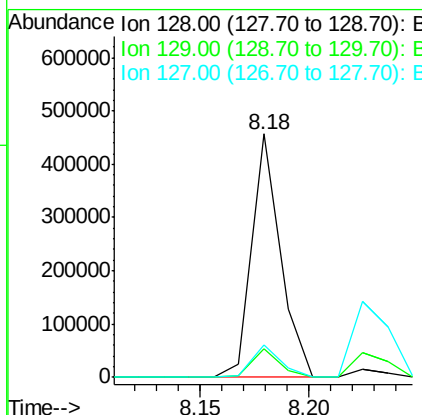
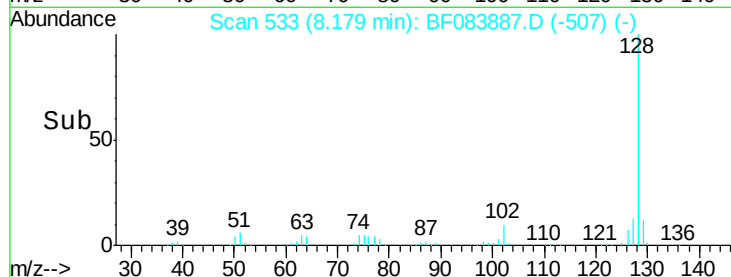
ICVBF121815



Tgt Ion:	128	Resp:	419611
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.1	13.7
127	13.4	11.1	16.7

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#32

Benzoic acid

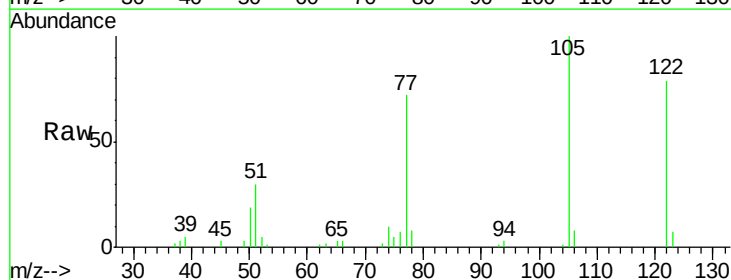
Concen: 51.14 ng

RT: 7.94 min Scan# 512

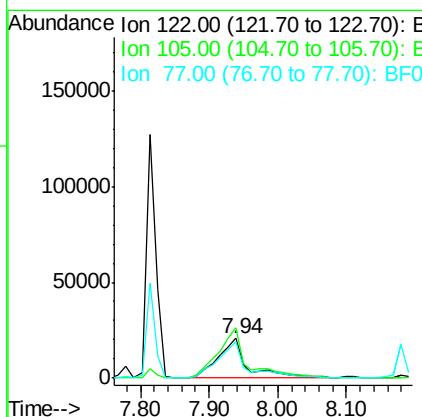
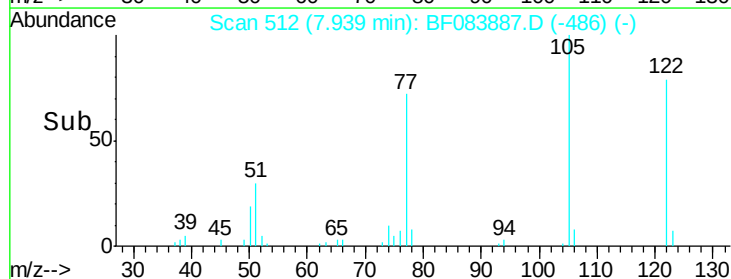
Delta R.T. 0.00 min

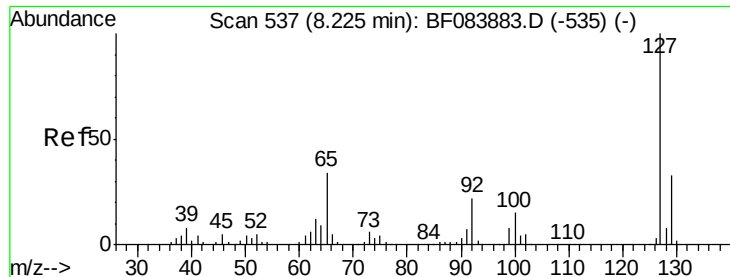
Lab File: BF083887.D

Acq: 17 Dec 2015 20:56



Tgt Ion:	122	Resp:	62500
Ion Ratio	Lower	Upper	
122	100		
105	125.9	100.3	140.3
77	91.0	63.5	103.5





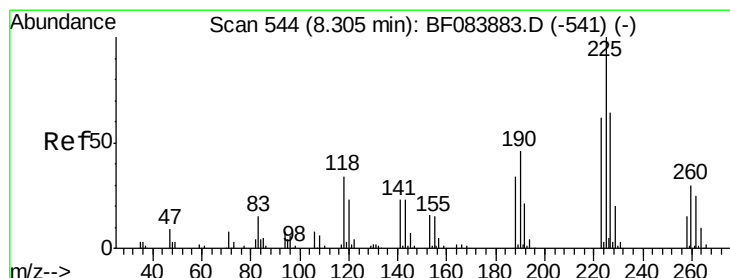
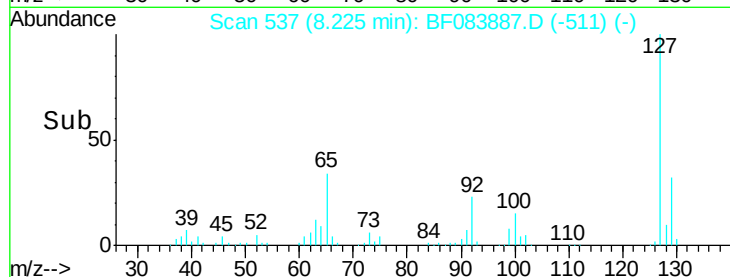
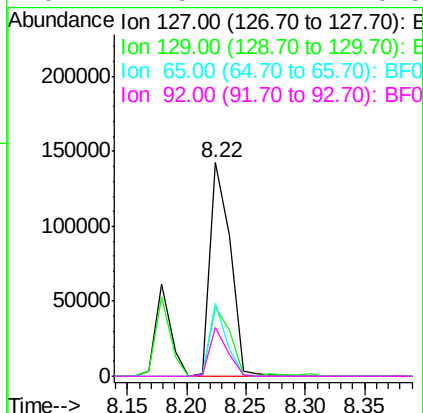
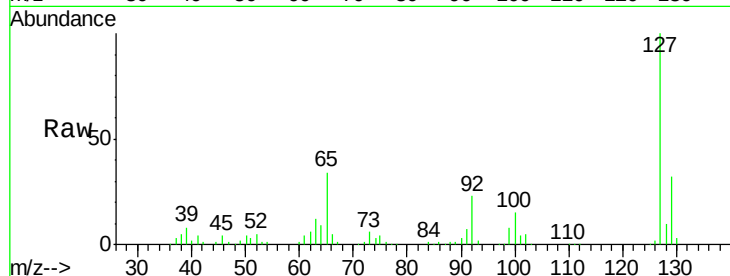
#33
4-Chloroaniline
Concen: 37.13 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		168639		
129	32.4	26.5	39.7		
65	34.0	27.2	40.8		
92	22.5	17.7	26.5		

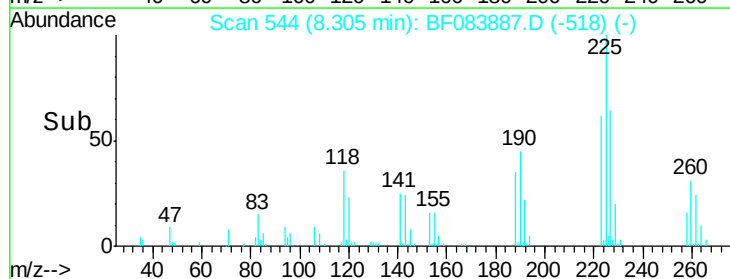
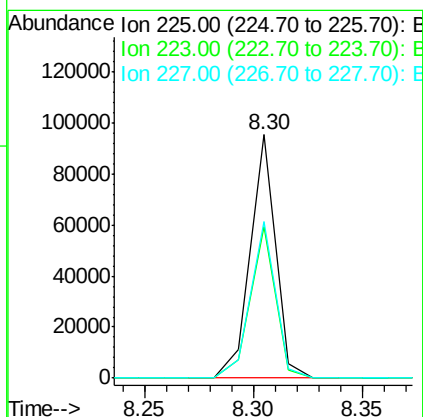
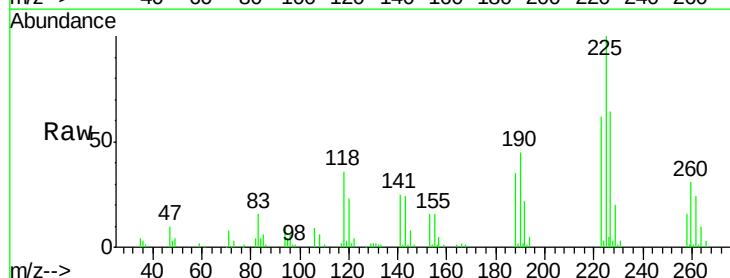
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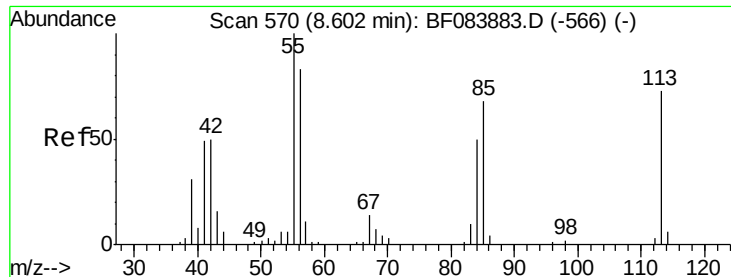
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#34
Hexachlorobutadiene
Concen: 39.22 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		77151		
223	62.4	49.4	74.0		
227	64.2	50.8	76.2		





#35

Caprolactam

Concen: 39.47 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF083887.D

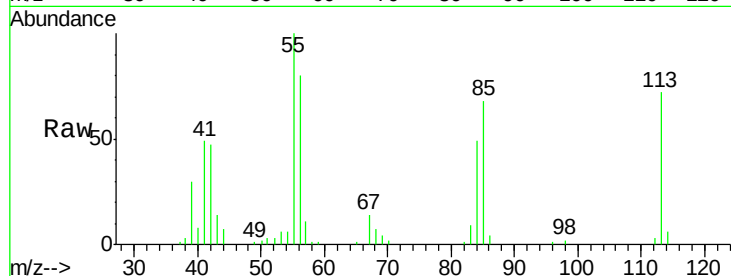
Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815



Tgt Ion:113 Resp: 38255

Ion Ratio Lower Upper

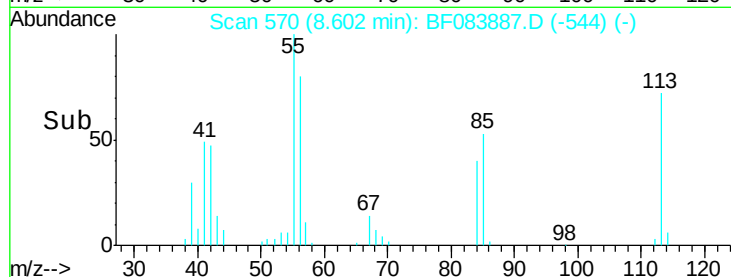
113 100

55 138.4 116.9 156.9

56 110.5 93.8 133.8

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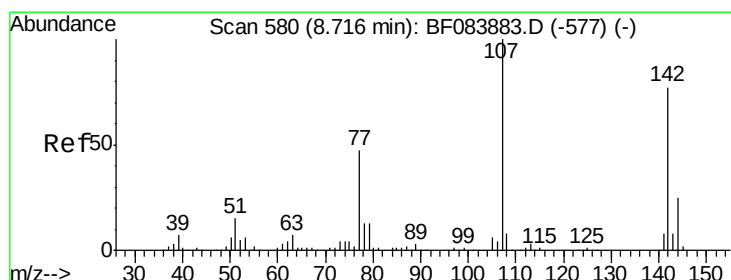
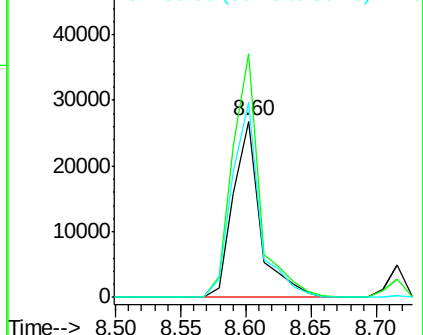
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.38 ng

RT: 8.72 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

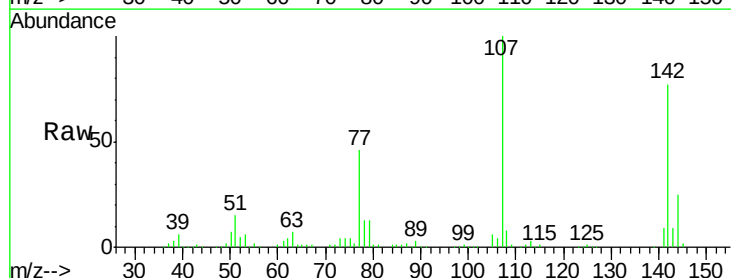
Tgt Ion:107 Resp: 150194

Ion Ratio Lower Upper

107 100

144 25.0 19.7 29.5

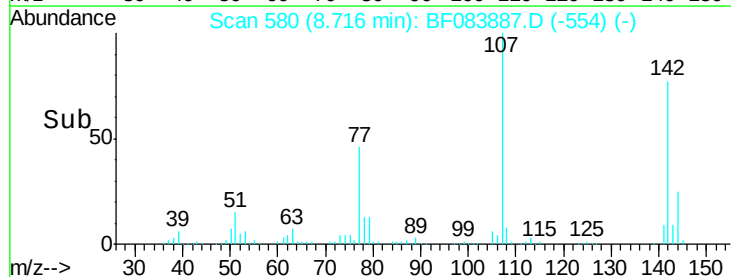
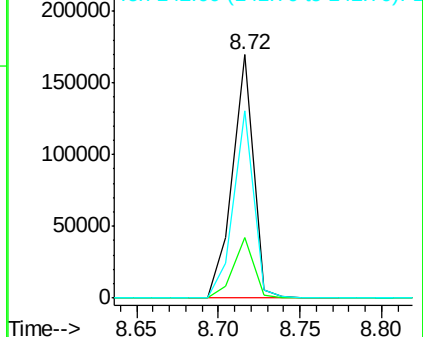
142 76.7 61.8 92.6

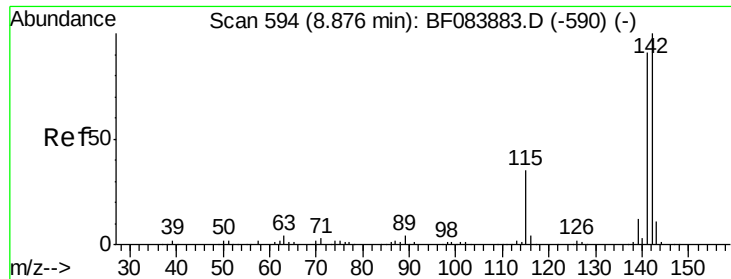


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





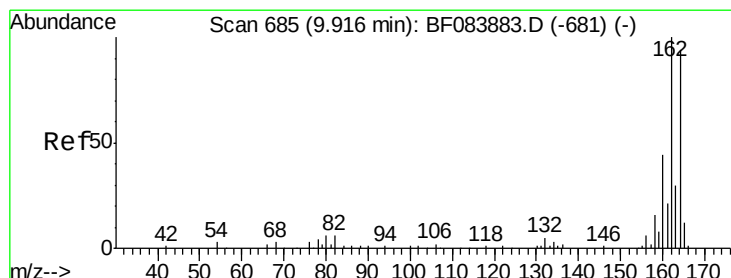
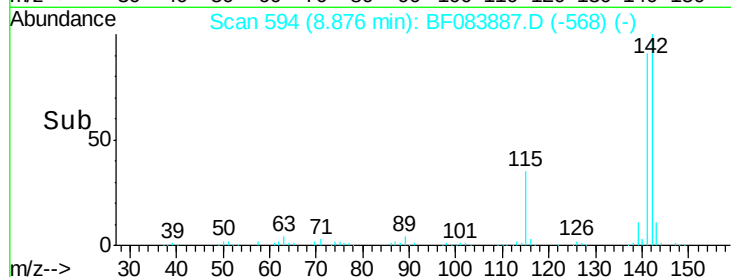
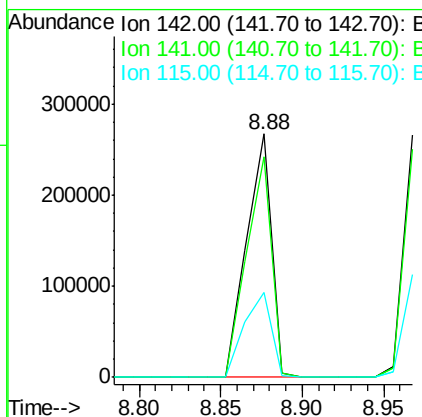
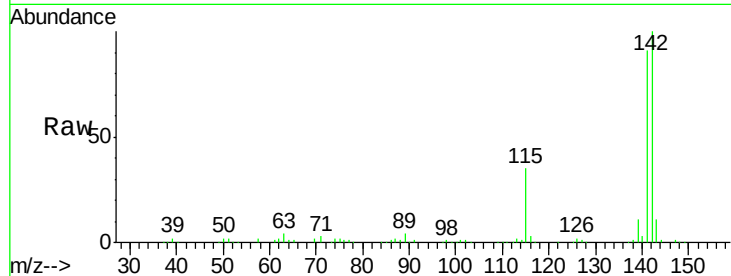
#37
2-Methylnaphthalene
Concen: 40.74 ng
RT: 8.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	283320		
141	90.8	72.4	108.6	
115	34.7	27.9	41.9	

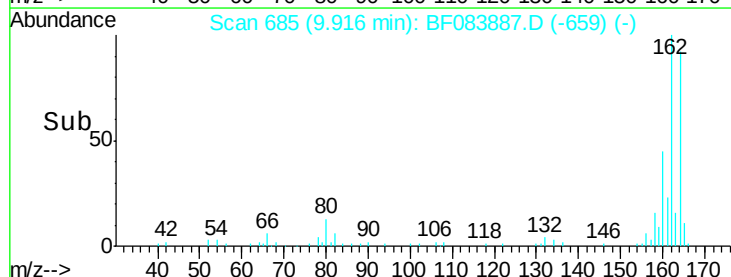
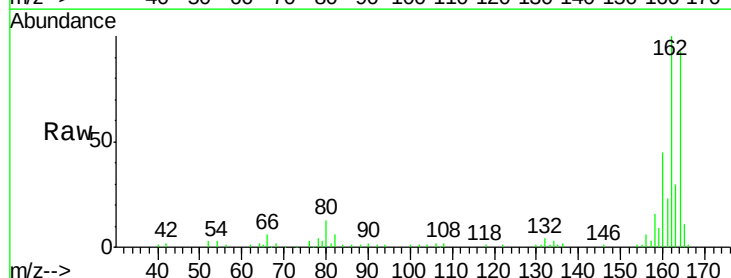
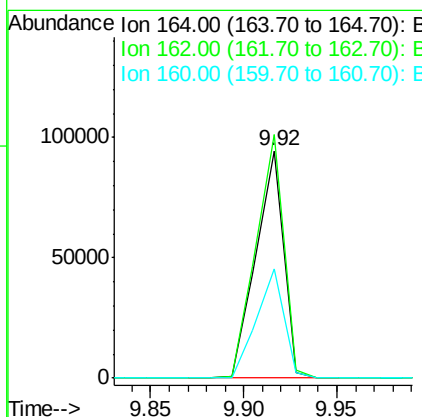
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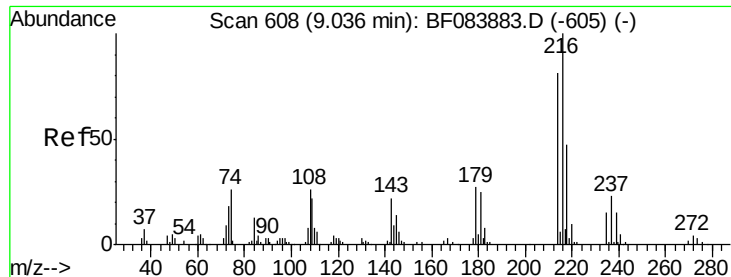
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96377		
162	107.1	85.1	127.7	
160	47.9	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.90 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF083887.D

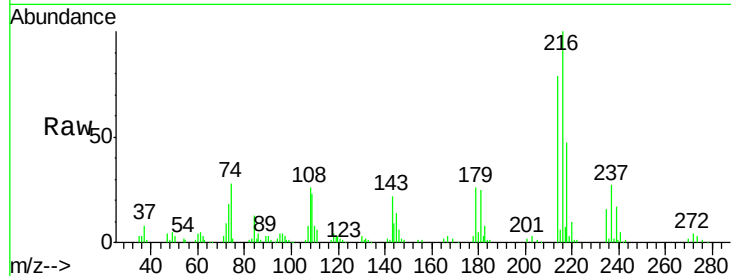
Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

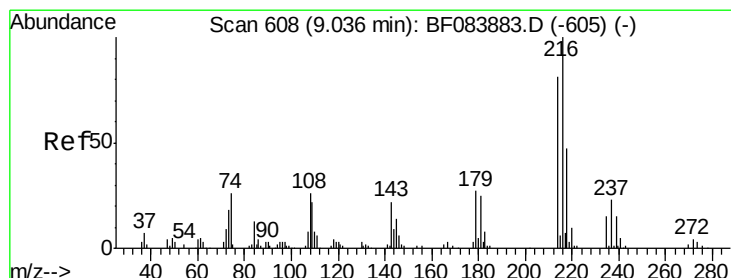
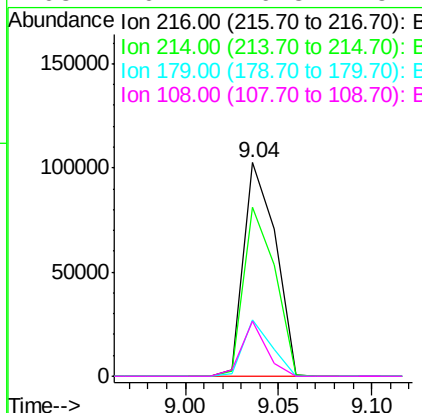
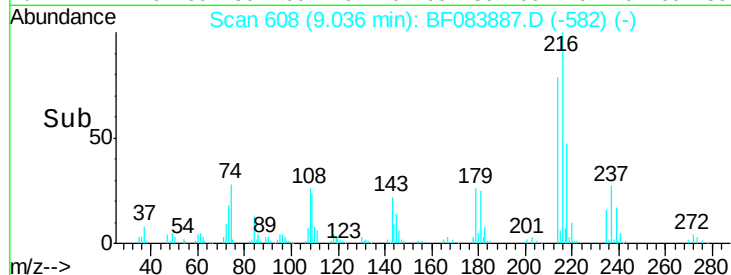
ICVBF121815



Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	64.2	96.2
179	23.0	18.7	28.1
108	20.1	16.8	25.2

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#40

Hexachlorocyclopentadiene

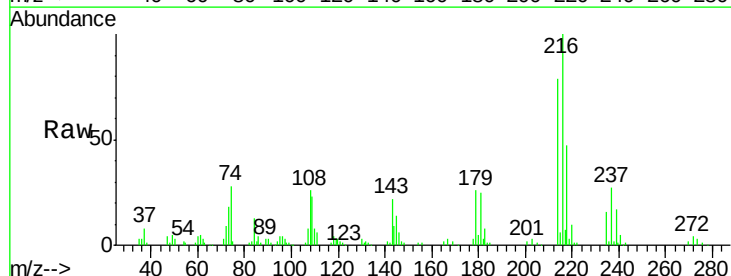
Concen: 42.82 ng

RT: 9.04 min Scan# 608

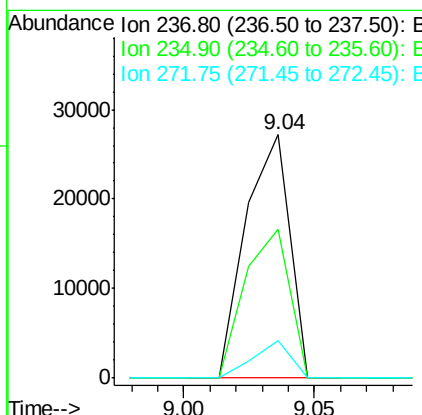
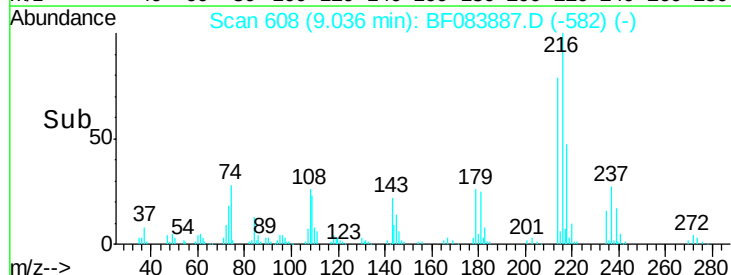
Delta R.T. 0.00 min

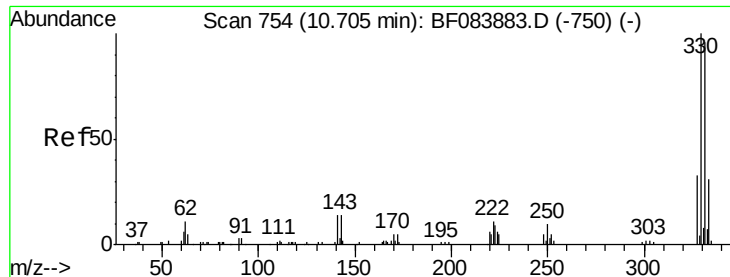
Lab File: BF083887.D

Acq: 17 Dec 2015 20:56



Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.1	83.1
272	15.3	0.0	35.1





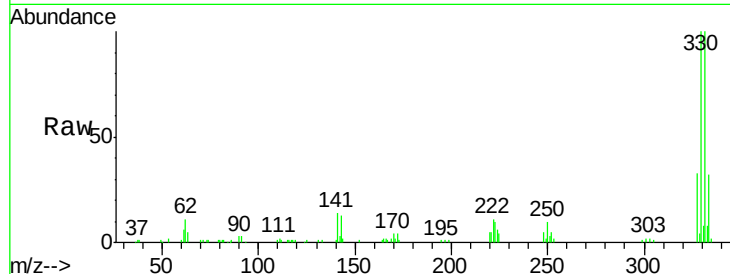
#41
 2,4,6-Tribromophenol
 Concen: 84.97 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

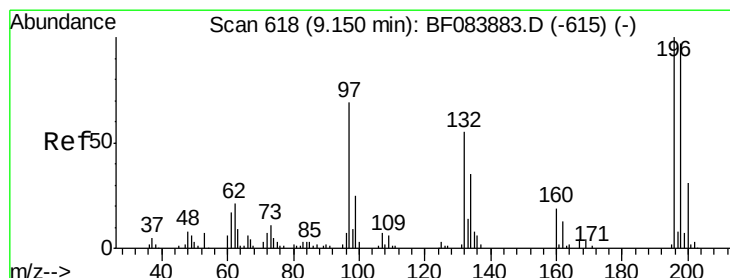
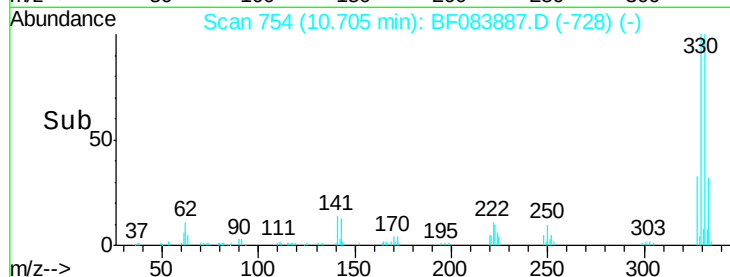
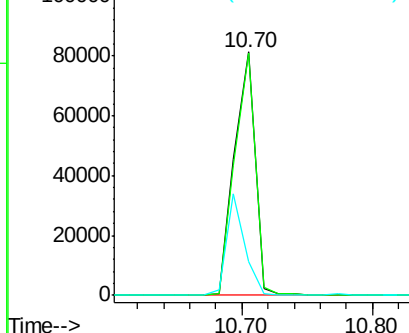
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	90218		
332	97.7	76.6	114.8	
141	36.1	27.8	41.6	

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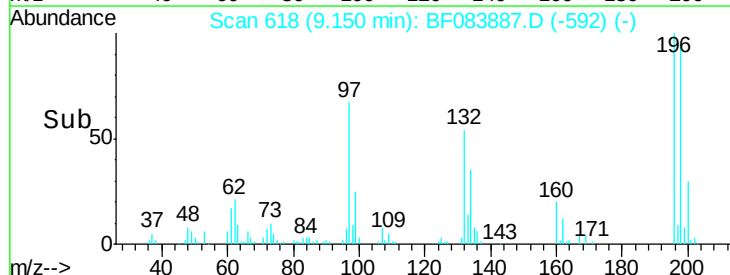
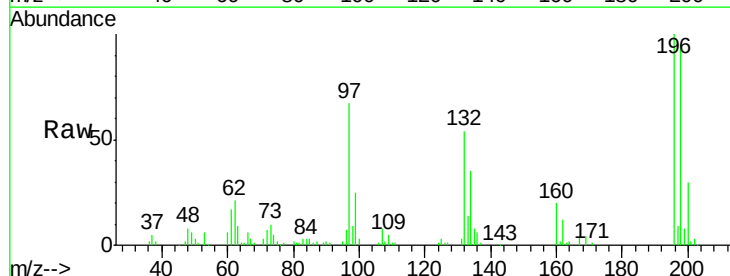
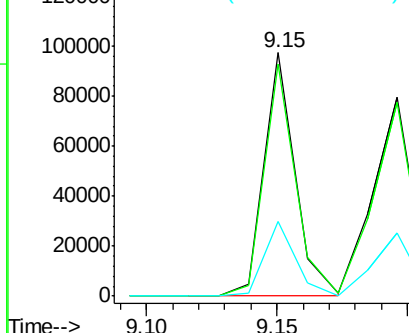
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

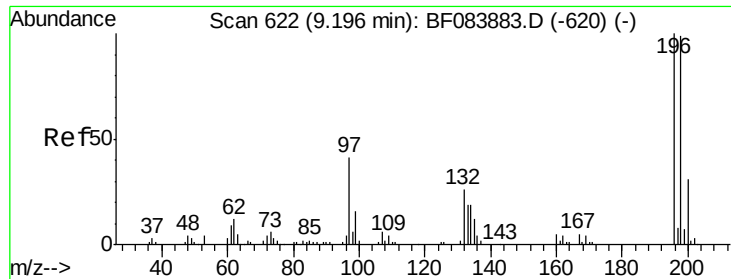


#42
 2,4,6-Trichlorophenol
 Concen: 40.57 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81409		
198	95.3	77.7	116.5	
200	30.4	24.6	37.0	

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





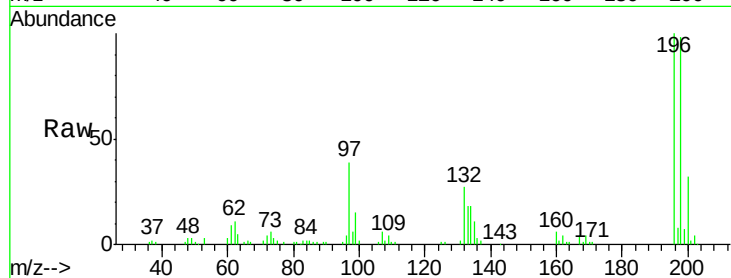
#43
 2,4,5-Trichlorophenol
 Concen: 41.43 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

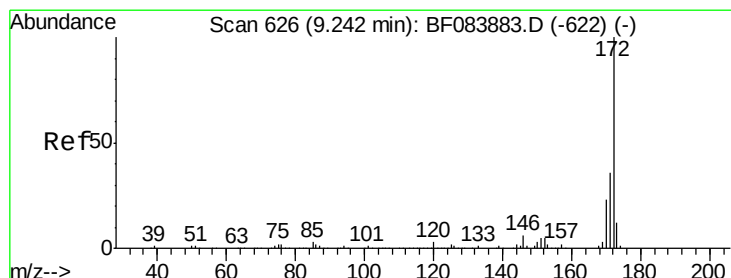
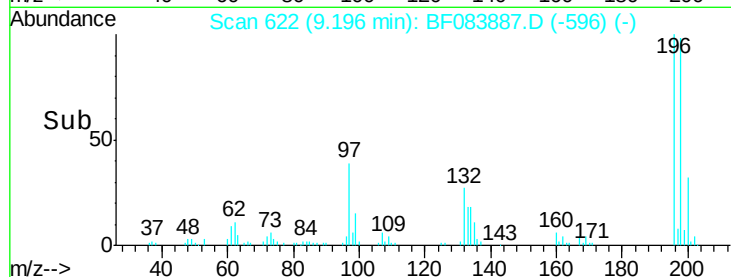
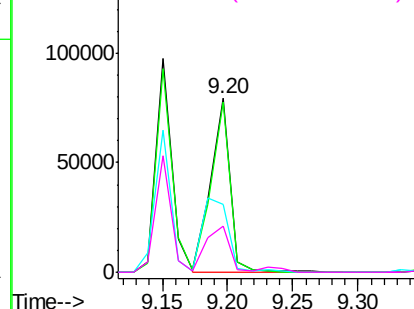
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82265		
198	97.5	79.0	118.6	
97	39.2	33.0	49.6	
132	26.6	21.1	31.7	

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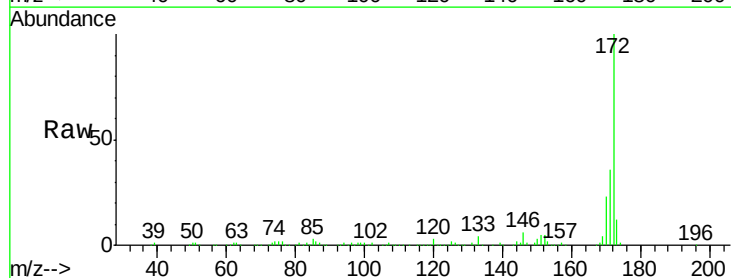


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

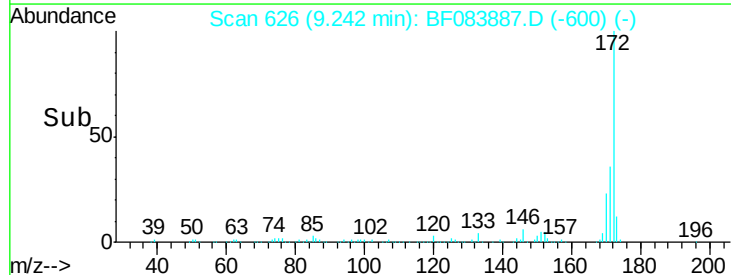
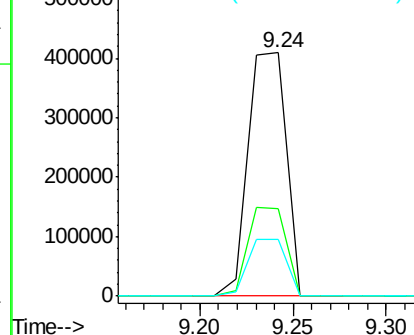


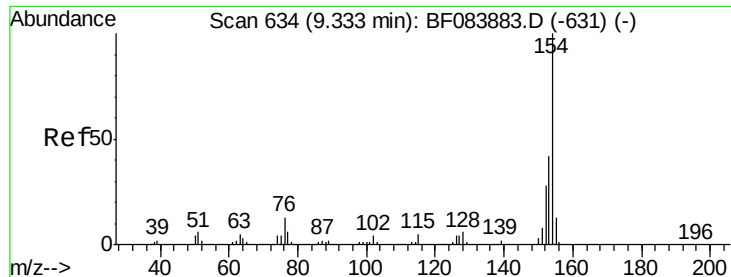
#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	578813		
171	36.1	28.9	43.3	
170	23.5	18.6	27.8	



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





#45

1,1'-Biphenyl

Concen: 42.69 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

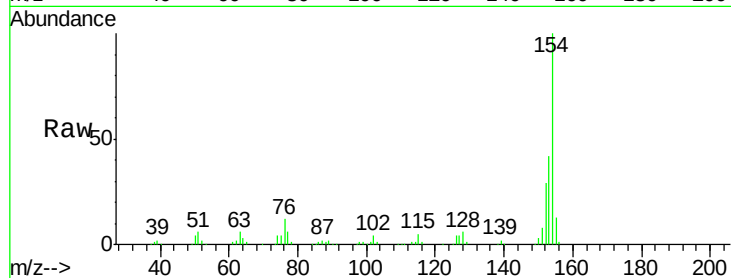
ClientSampleId :

ICVBF121815

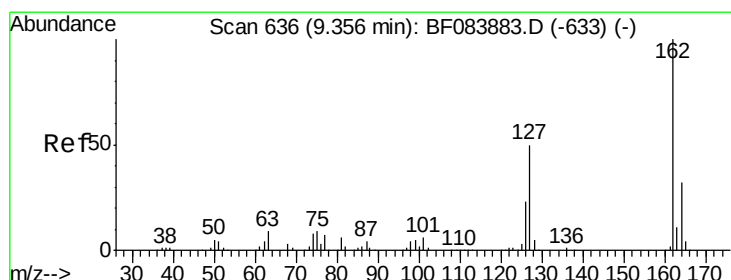
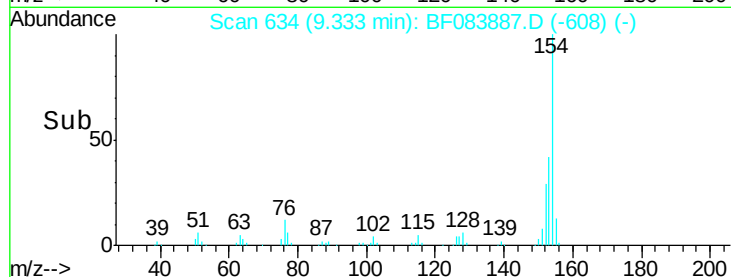
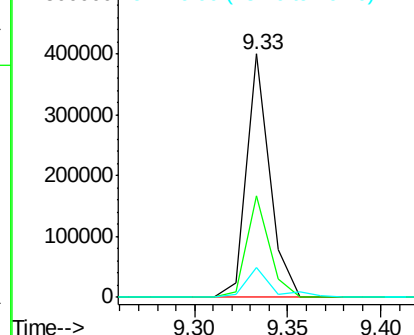
Tgt Ion:	154	Resp:	345990
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.6	61.6
76	12.1	0.0	32.7

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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: 41.28 ng

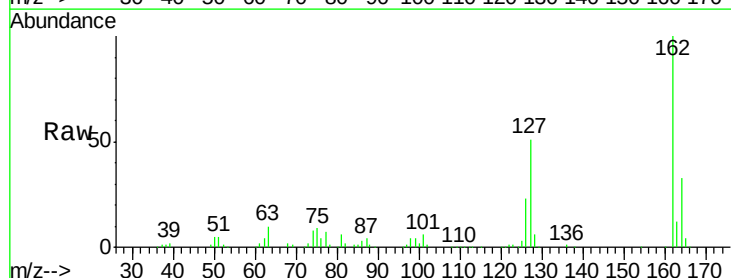
RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

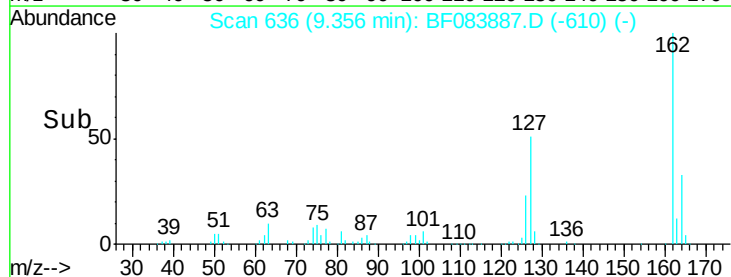
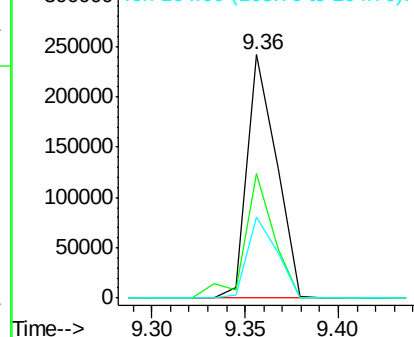
Lab File: BF083887.D

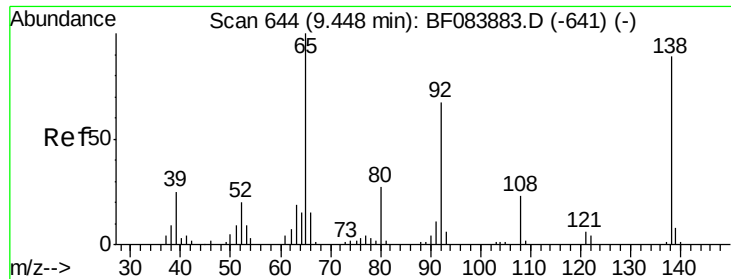
Acq: 17 Dec 2015 20:56

Tgt Ion:	162	Resp:	262323
Ion Ratio	Lower	Upper	
162	100		
127	51.0	40.2	60.4
164	33.0	25.7	38.5



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





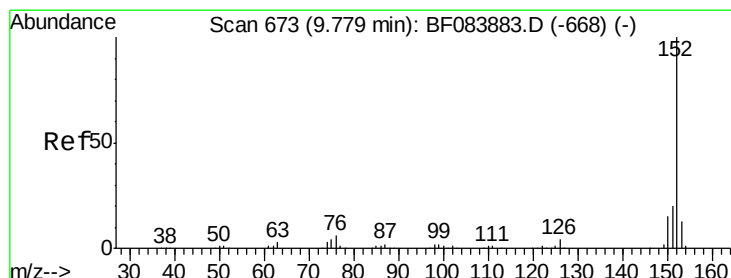
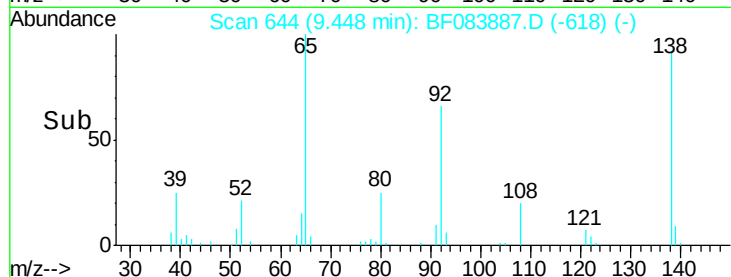
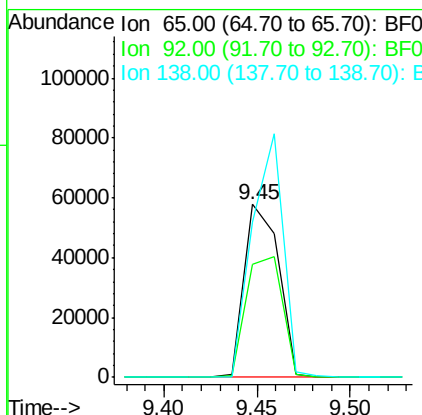
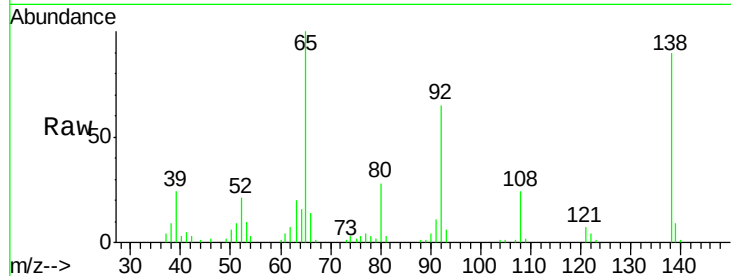
#47
2-Nitroaniline
Concen: 38.65 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion: 65 Resp: 73667
Ion Ratio Lower Upper
65 100
92 65.2 53.4 80.2
138 90.1 71.1 106.7

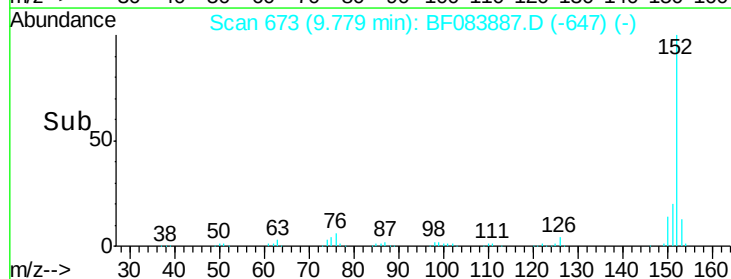
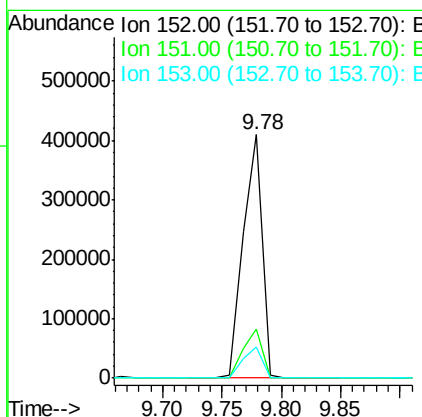
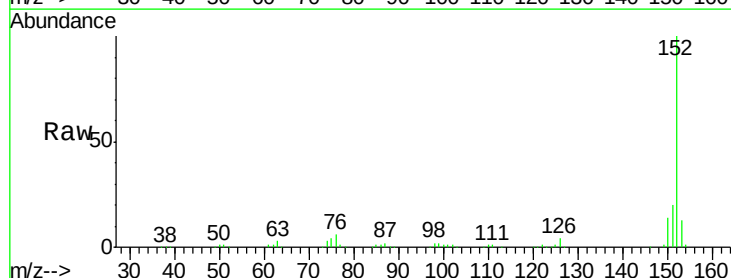
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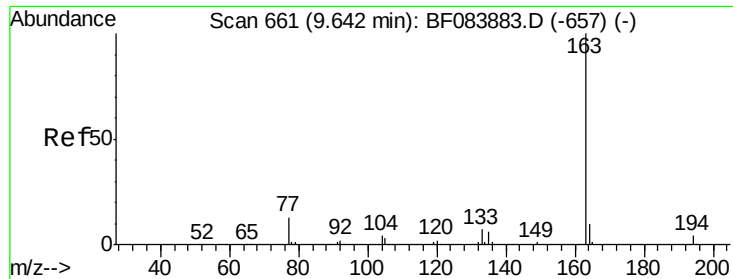
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#48
Acenaphthylene
Concen: 40.87 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 152 Resp: 459159
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 12.7 10.4 15.6





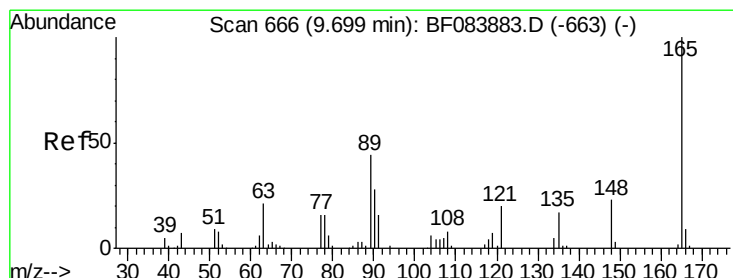
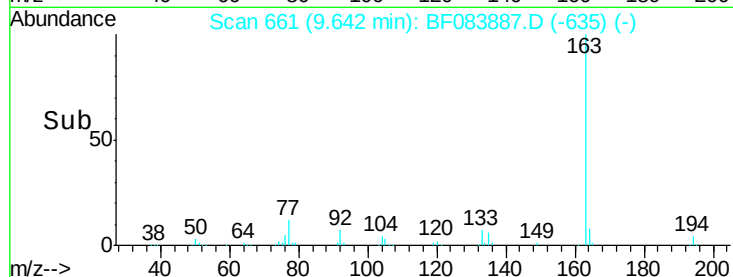
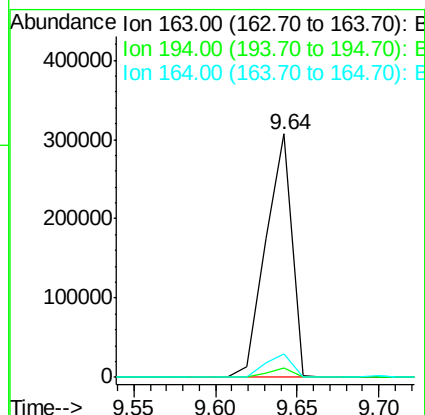
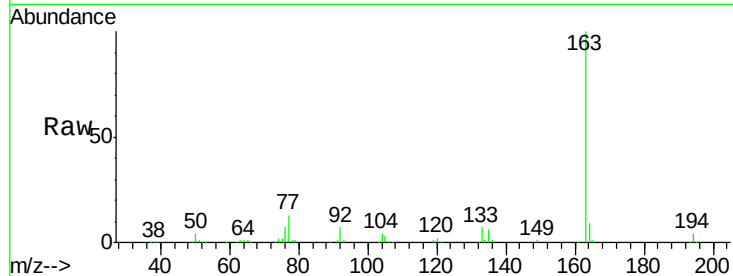
#49
Dimethylphthalate
Concen: 42.24 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	341586		
194	3.7	3.0	4.6	
164	9.5	7.9	11.9	

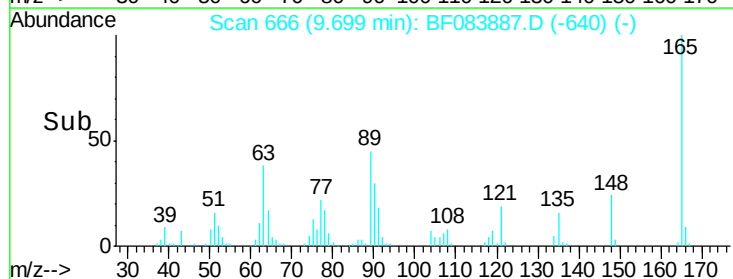
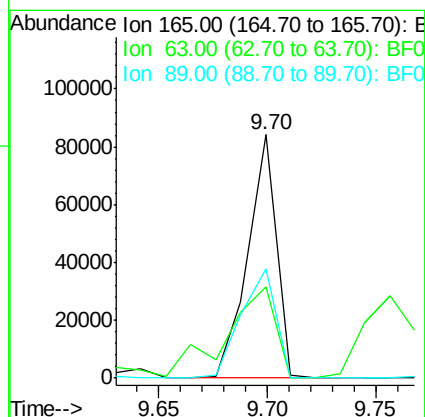
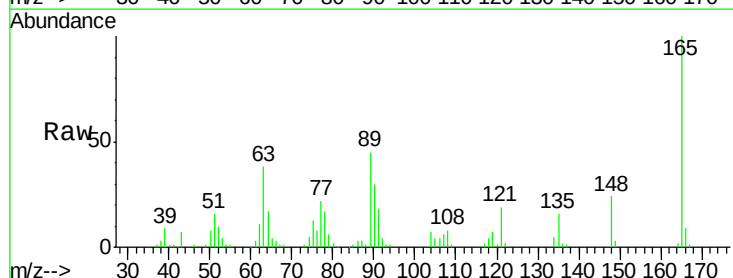
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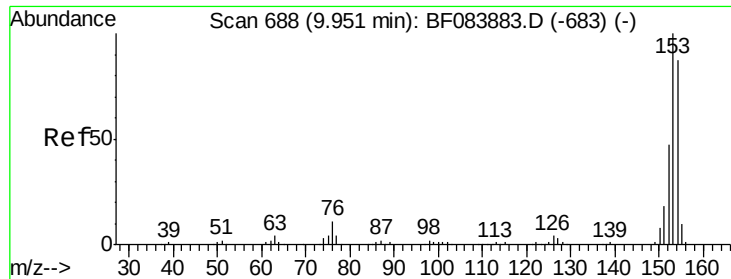
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#50
2,6-Dinitrotoluene
Concen: 43.79 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	77247		
63	37.6	28.8	43.2	
89	45.0	35.1	52.7	





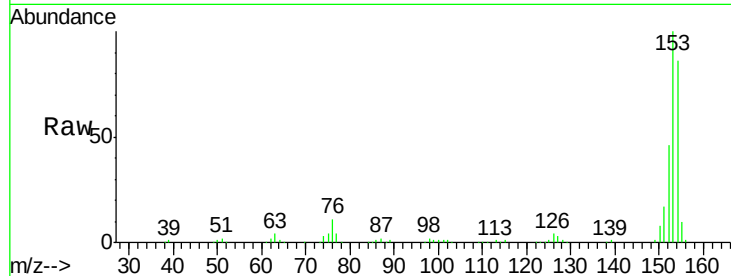
#51
Acenaphthene
Concen: 40.25 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

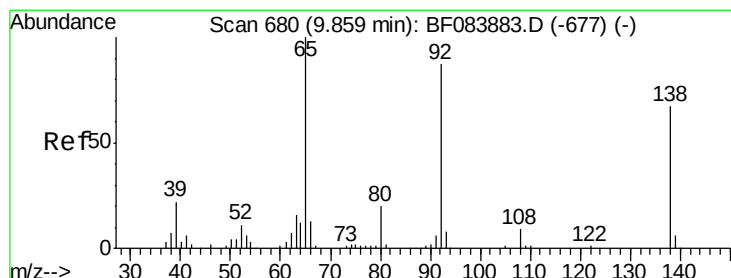
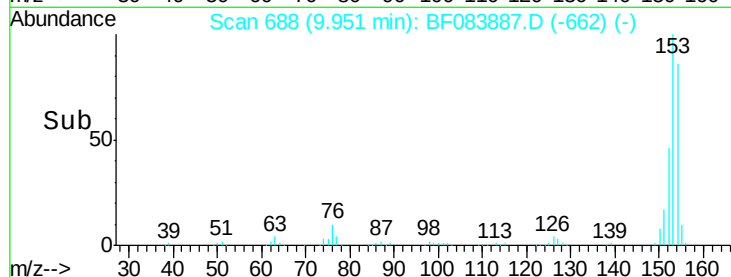
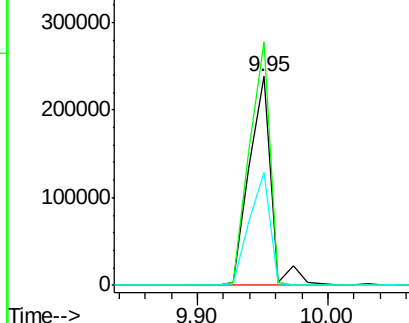
Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.5	137.3
152	53.9	43.0	64.6

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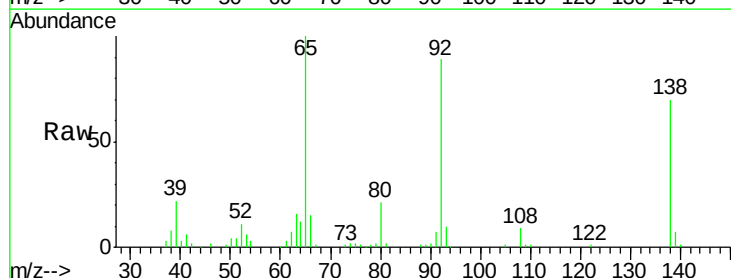


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

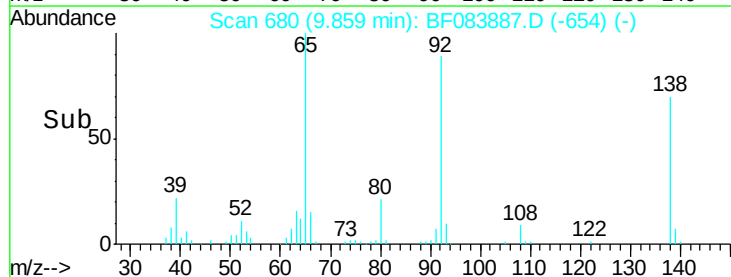
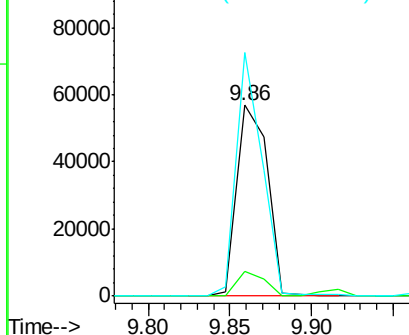


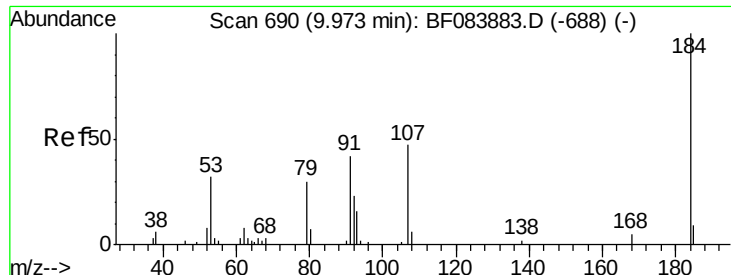
#52
3-Nitroaniline
Concen: 39.45 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.3	10.5	15.7
92	127.6	103.9	155.9



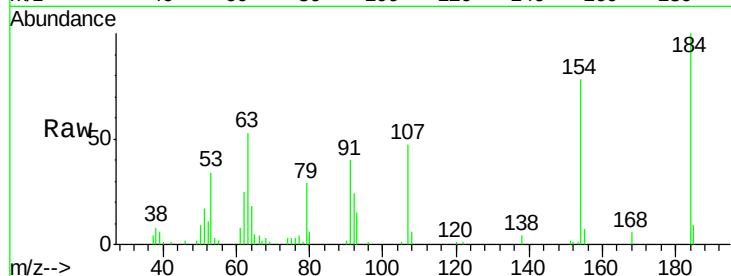
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 43.43 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

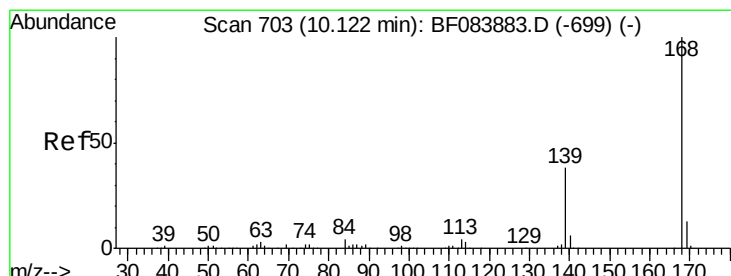
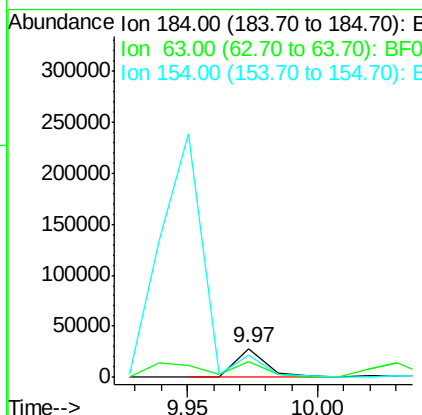
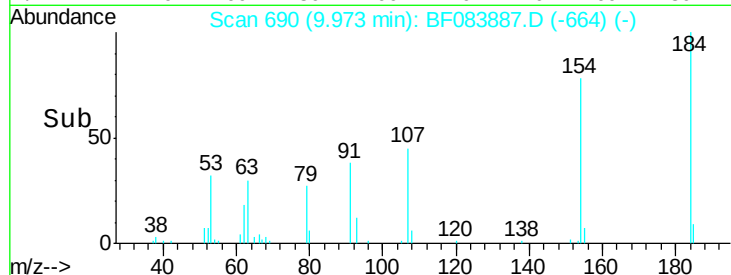
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815



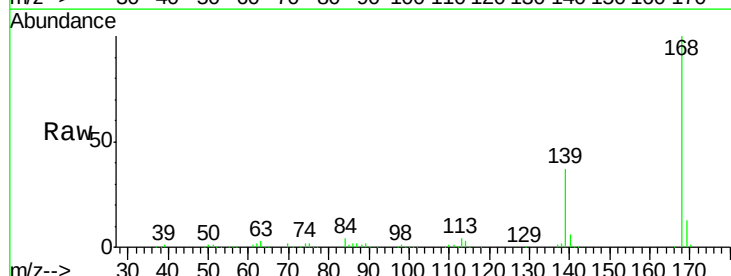
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	24085		
63	53.0	43.1	64.7	
154	77.9	60.5	90.7	

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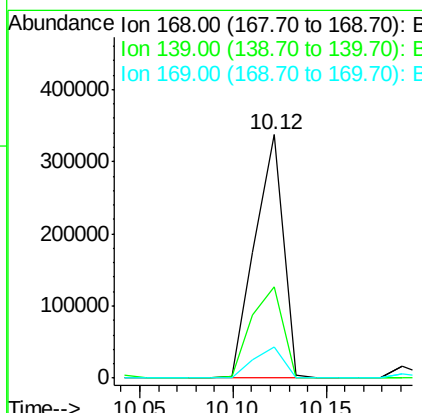
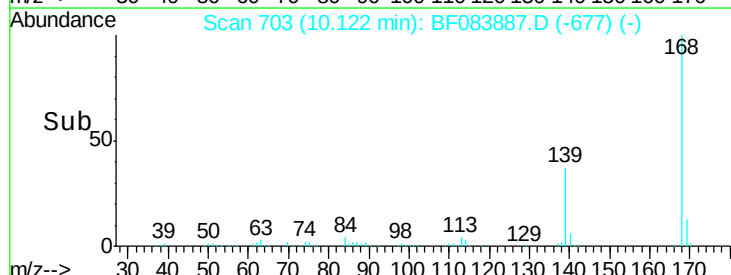
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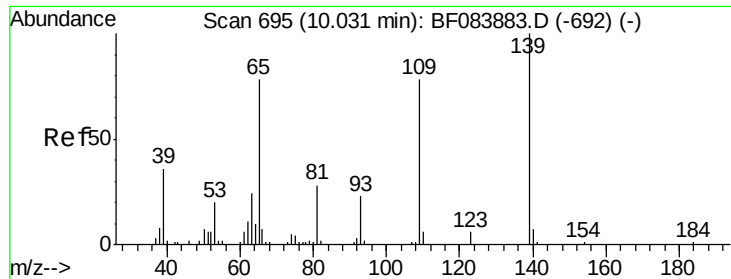


#54
 Dibenzofuran
 Concen: 39.63 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	355529		
139	37.4	30.5	45.7	
169	13.0	10.4	15.6	





#55

4-Nitrophenol

Concen: 48.03 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF083887.D

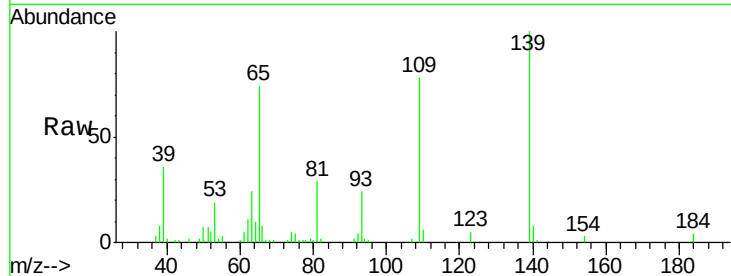
Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

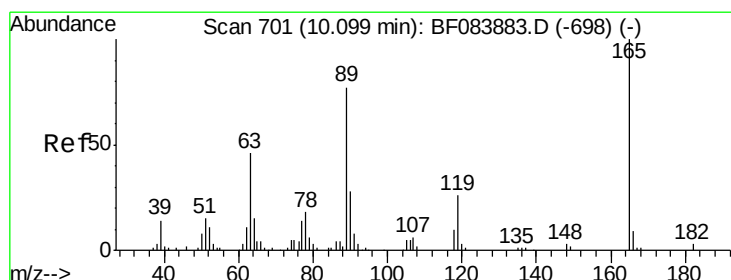
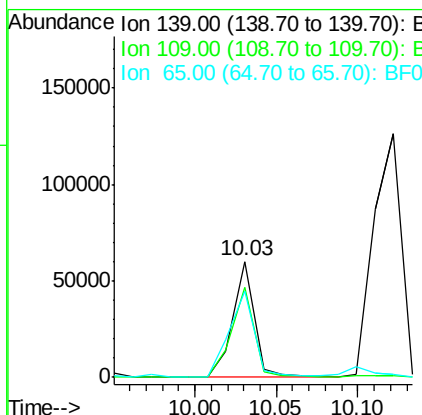
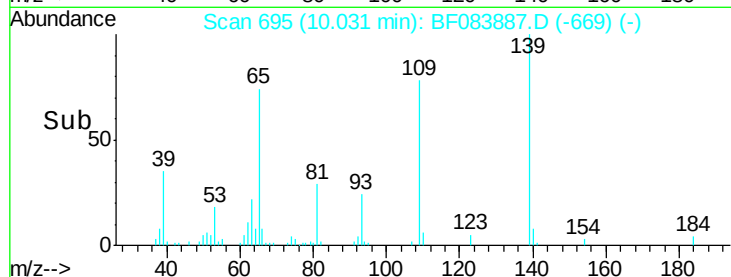
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Tgt Ion:	139	Resp:	55758
Ion Ratio	Lower	Upper	
139	100		
109	78.2	58.5	98.5
65	74.1	57.6	97.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 43.24 ng

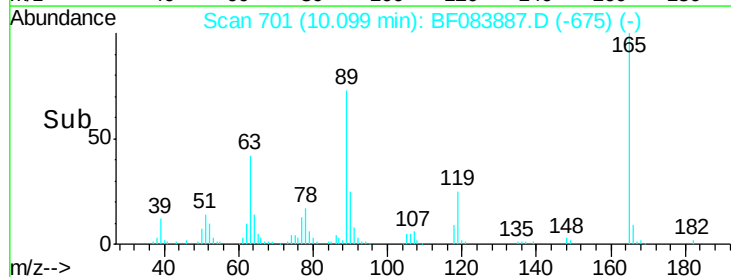
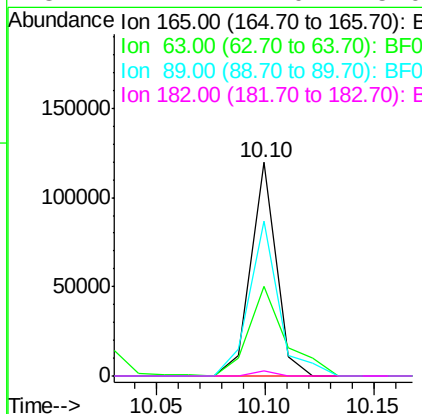
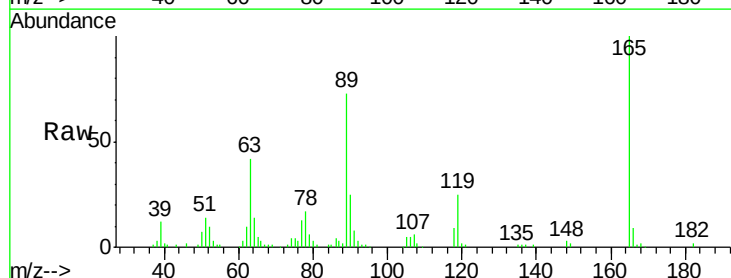
RT: 10.10 min Scan# 701

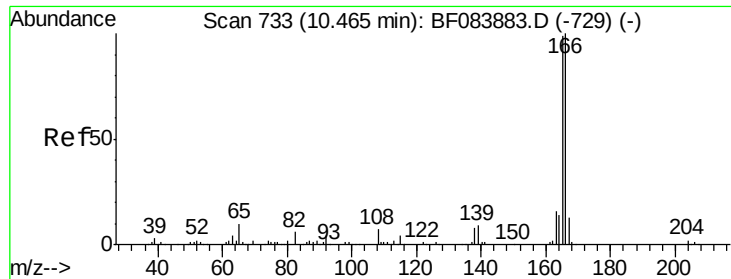
Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

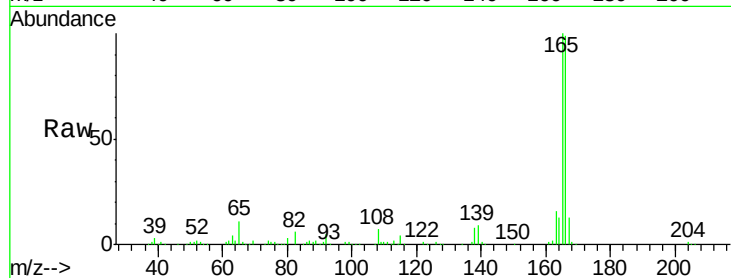
Tgt Ion:	165	Resp:	97773
Ion Ratio	Lower	Upper	
165	100		
63	42.0	36.7	55.1
89	72.8	61.9	92.9
182	2.4	2.0	3.0





#57
 Fluorene
 Concen: 44.56 ng
 RT: 10.46 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

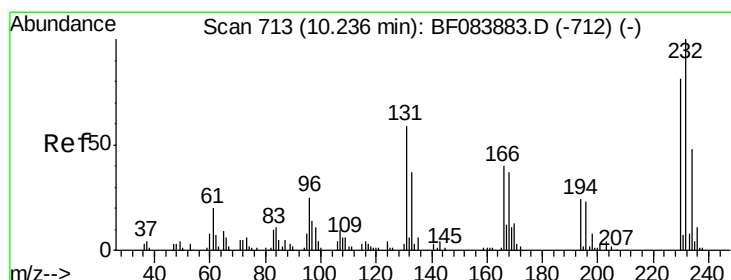
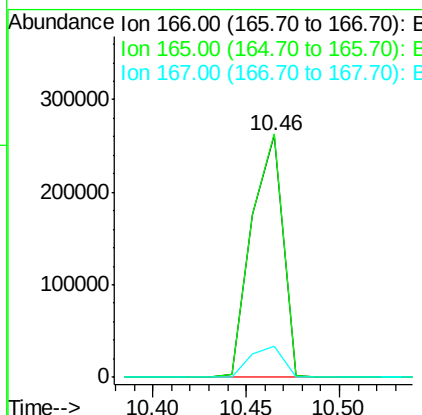
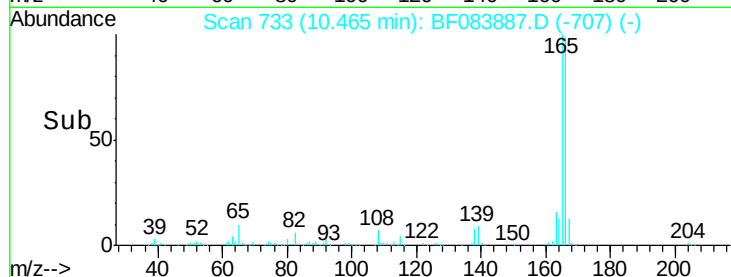
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.6	79.1	118.7	
167	12.6	10.4	15.6	

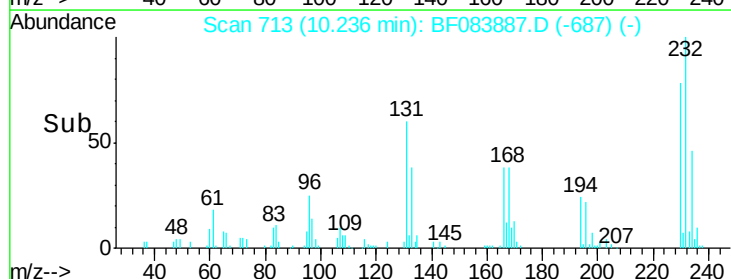
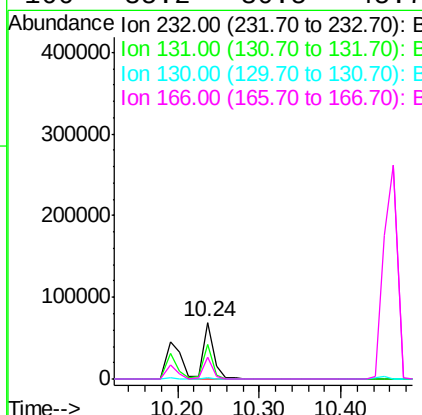
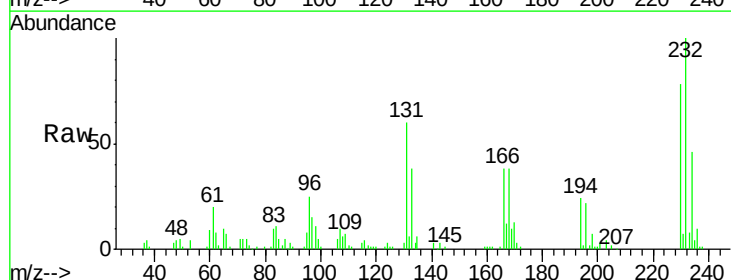
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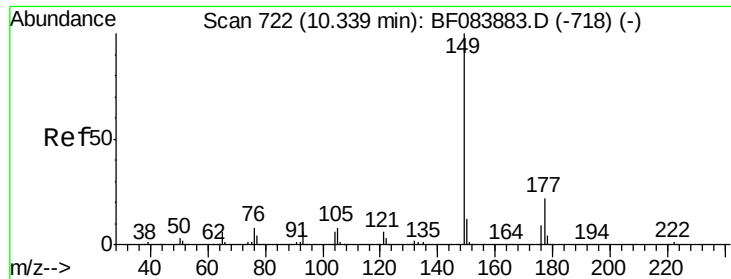
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.17 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

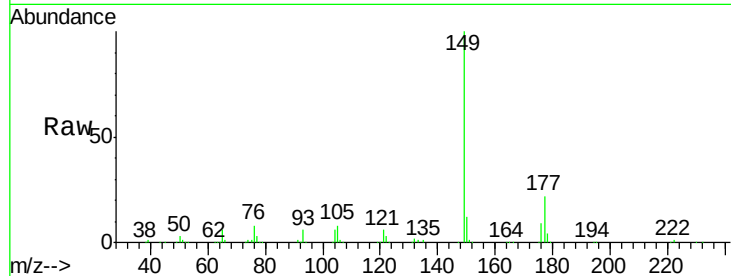
Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.1	47.0	70.6	
130	2.3	2.0	3.0	
166	35.2	30.5	45.7	





#59
Diethylphthalate
Concen: 41.26 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

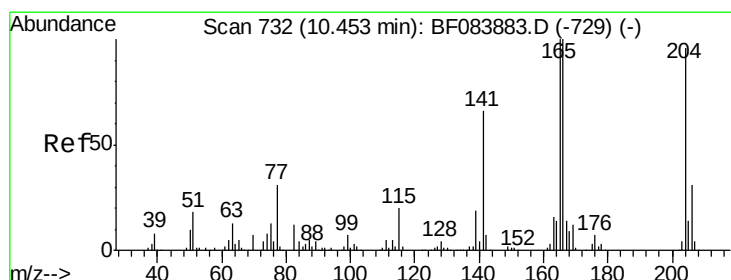
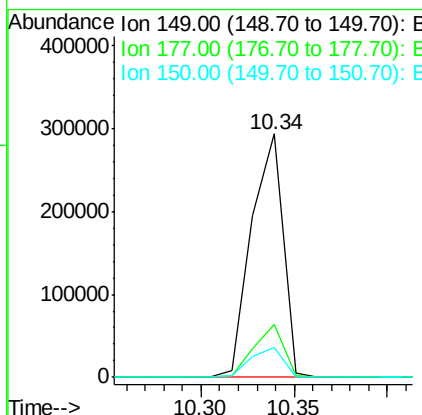
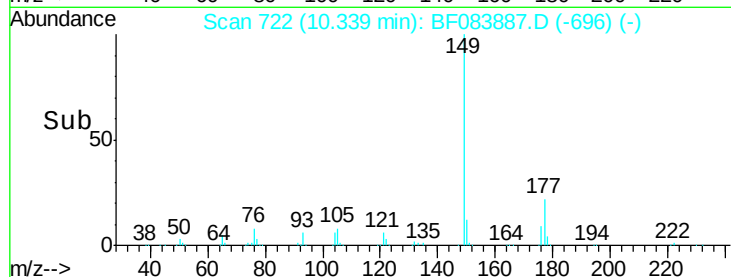
Instrument :
BNA_F
ClientSampleId :
ICVBF121815



Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	12.4	9.8	14.8

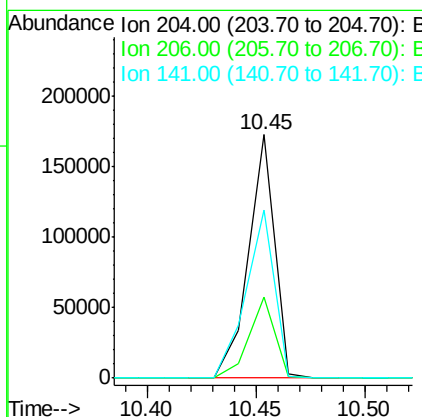
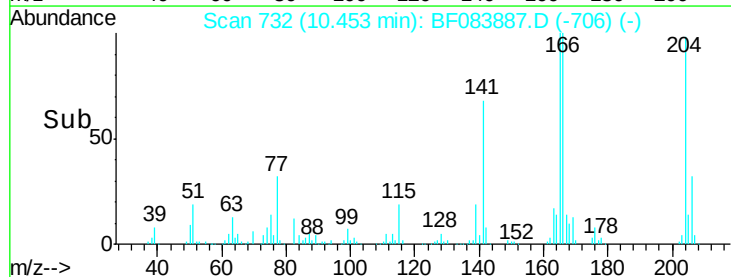
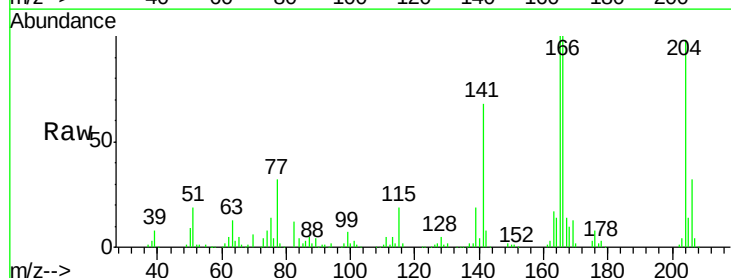
Manual Integrations
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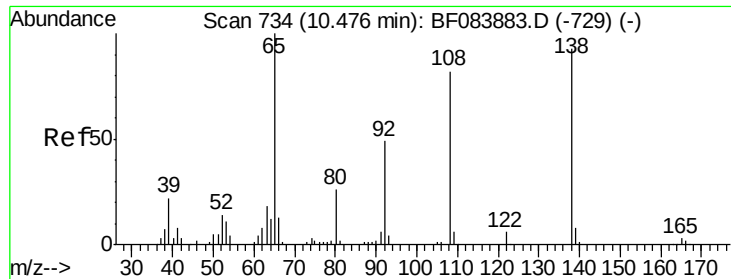
MMdadoda
12/18/2015 6:21:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.84 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

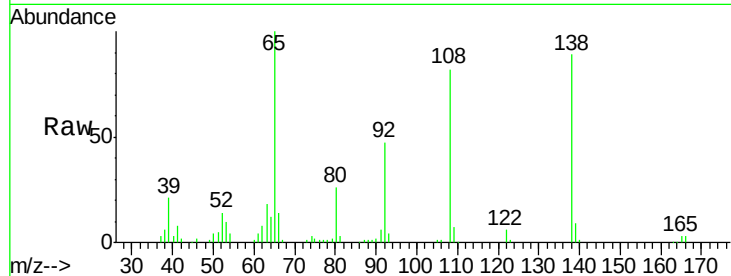
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.7	38.5
141	69.1	55.1	82.7





#61
4-Nitroaniline
Concen: 38.61 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

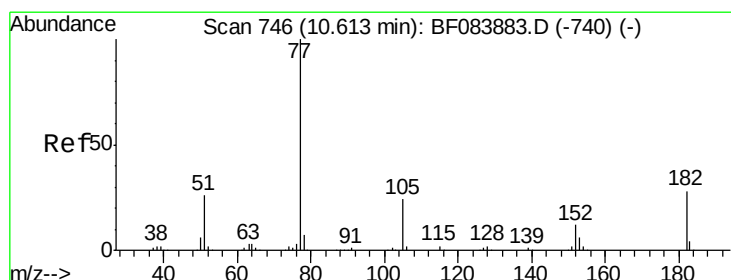
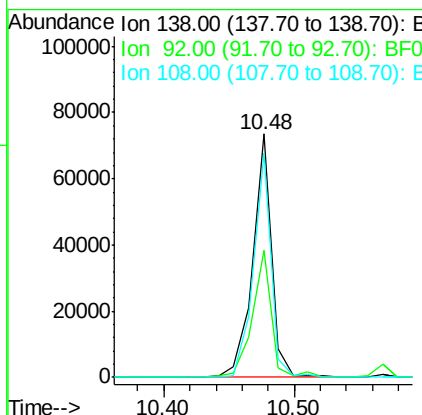
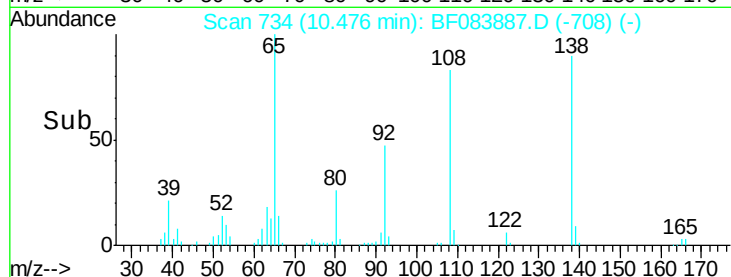
Instrument :
BNA_F
ClientSampleId :
ICVBF121815



Tgt Ion: 138 Resp: 74277
Ion Ratio Lower Upper
138 100
92 52.1 32.6 72.6
108 91.9 68.6 108.6

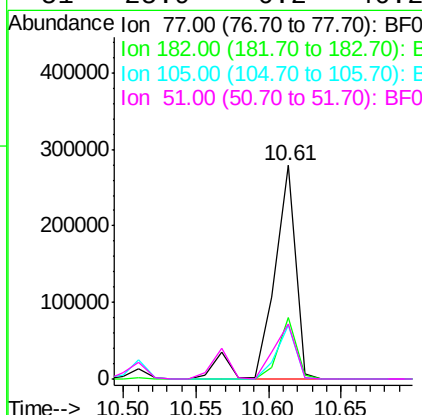
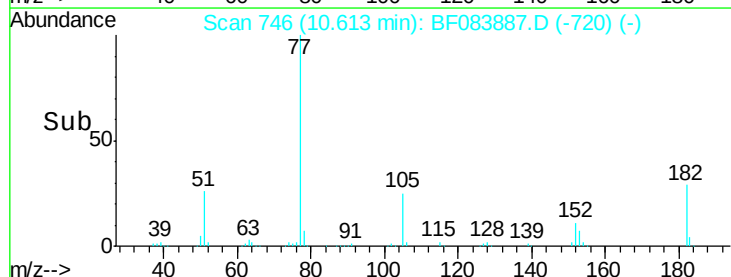
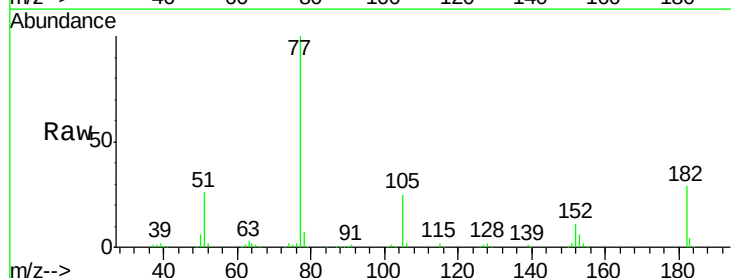
Manual Integrations
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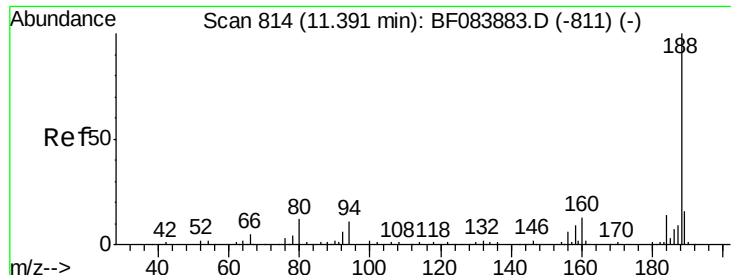
MMdadoda
12/18/2015 6:21:43 PM



#62
Azobenzene
Concen: 42.79 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion: 77 Resp: 299865
Ion Ratio Lower Upper
77 100
182 28.9 8.3 48.3
105 25.0 4.6 44.6
51 25.9 6.2 46.2





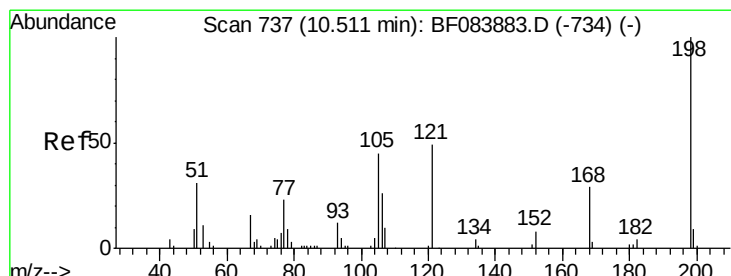
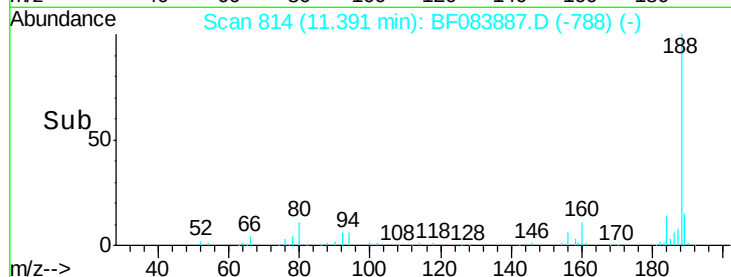
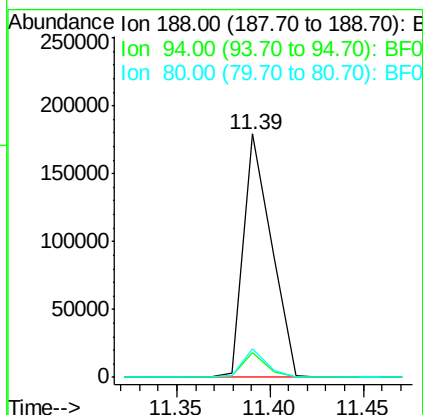
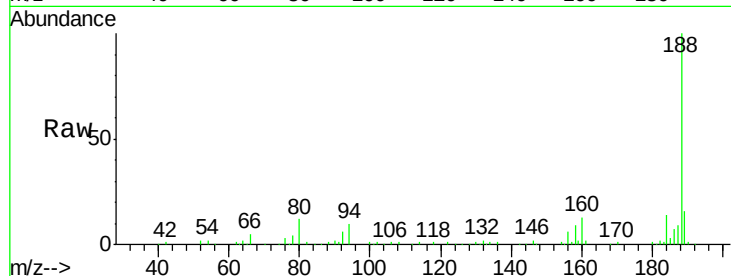
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	9.0	13.4
80	11.7	9.6	14.4

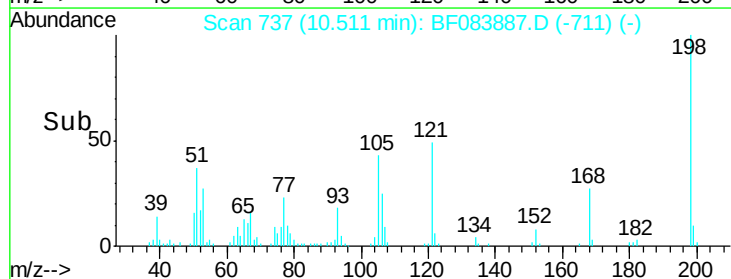
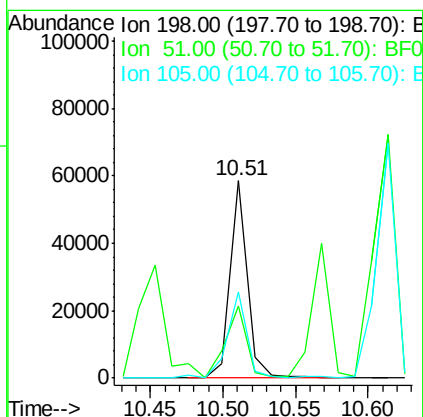
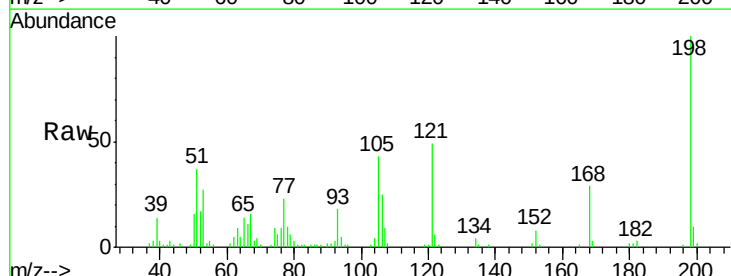
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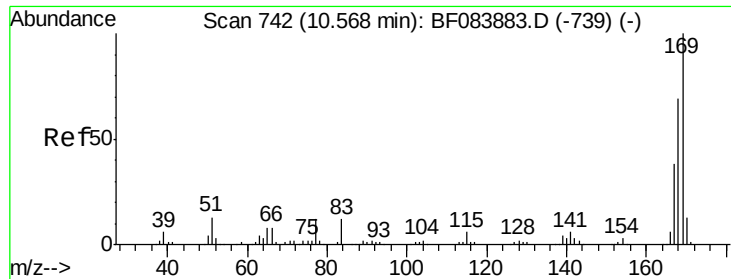
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.96 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	36.5	18.9	58.9
105	43.5	26.4	66.4





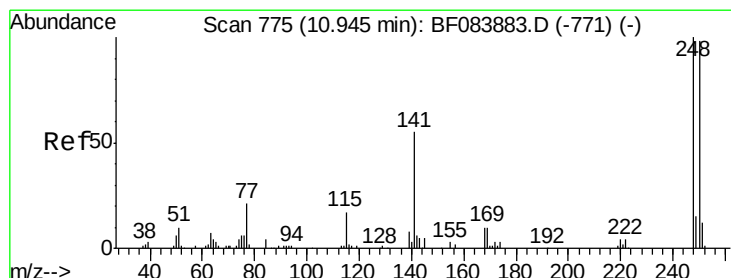
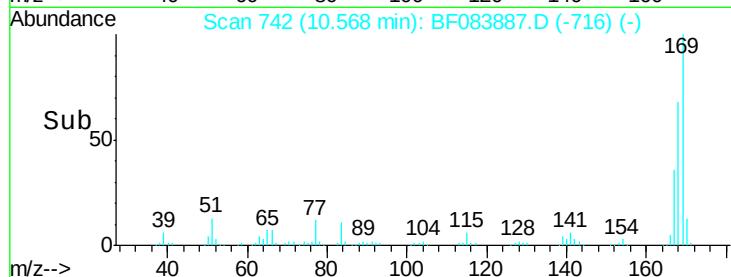
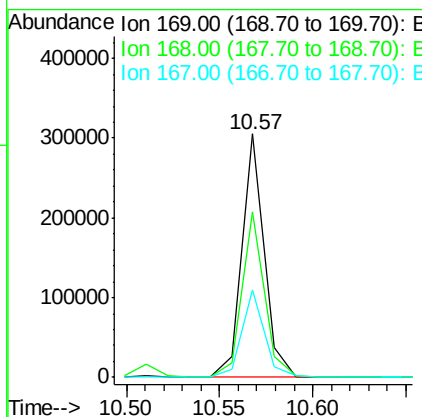
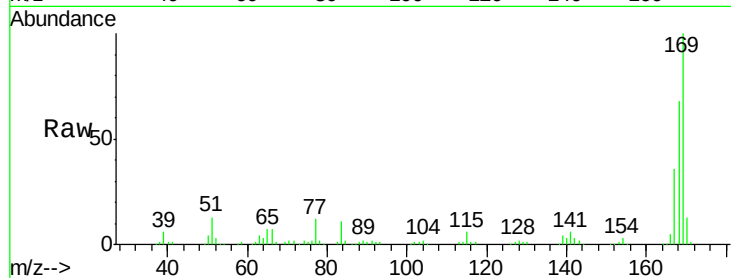
#65
 n-Nitrosodiphenylamine
 Concen: 37.53 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	253836		
168	67.9	55.1	82.7	
167	36.1	30.0	45.0	

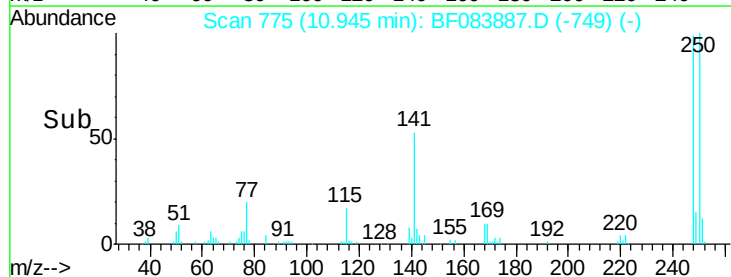
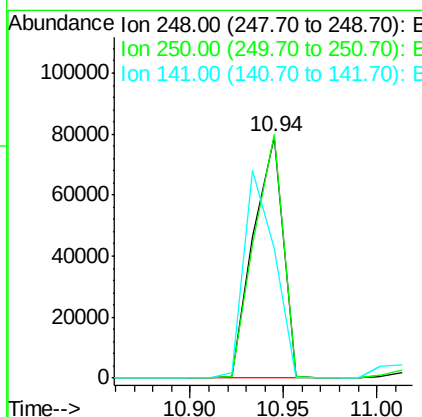
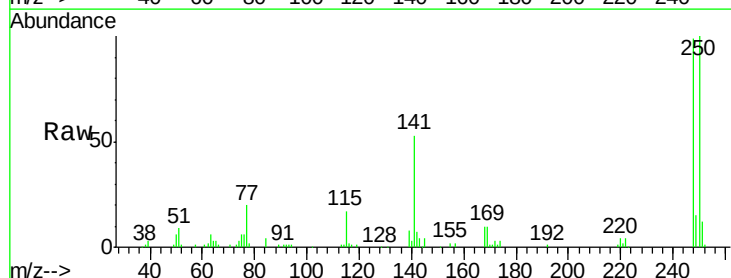
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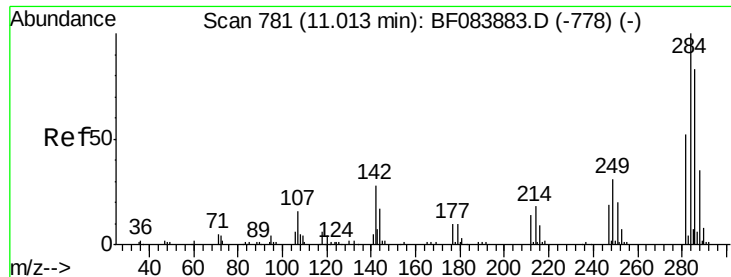
MMdadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 38.25 ng
 RT: 10.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	86923		
250	100.9	78.4	117.6	
141	53.8	44.0	66.0	





#67

Hexachlorobenzene

Concen: 41.12 ng

RT: 11.01 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF083887.D

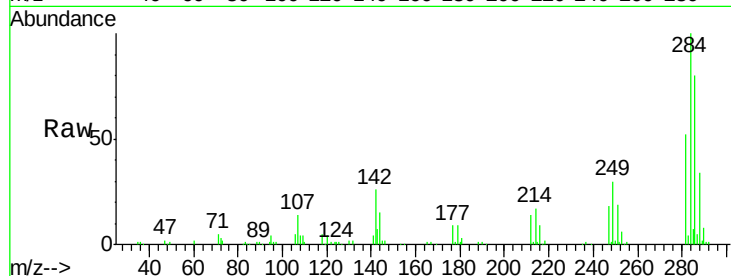
Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

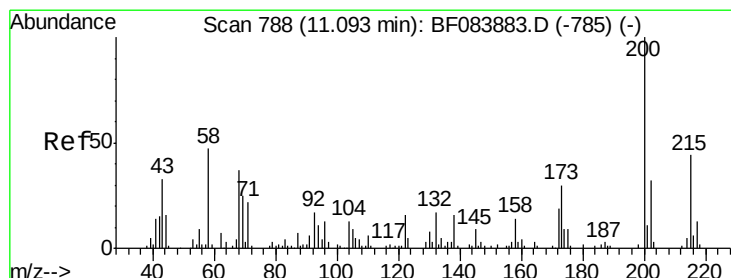
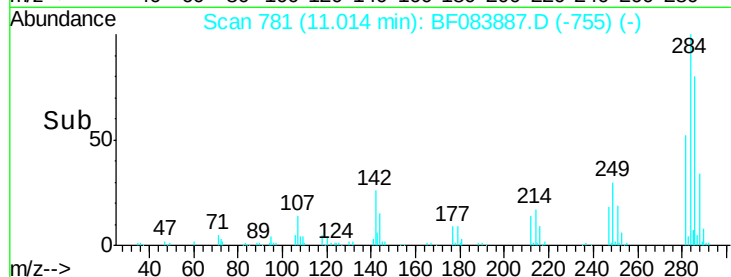
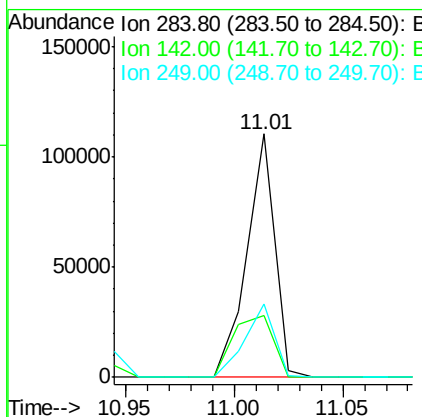
ICVBF121815



Tgt Ion:	284	Resp:	98390
Ion Ratio	Lower	Upper	
284	100		
142	25.5	22.2	33.4
249	30.0	24.6	37.0

Manual Integrations
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#68

Atrazine

Concen: 34.88 ng

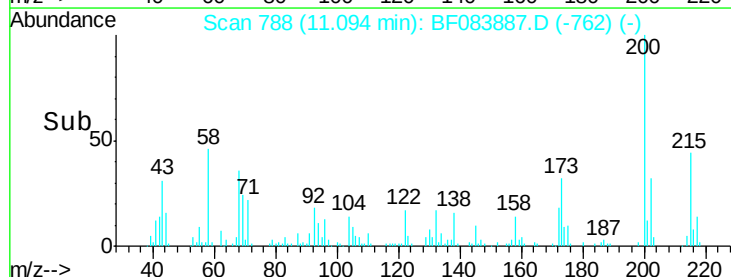
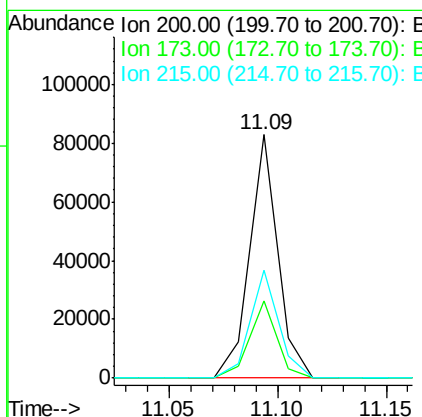
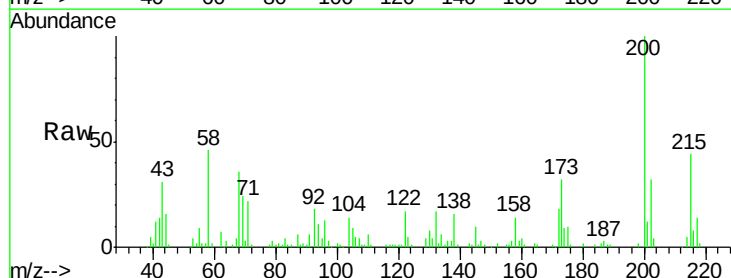
RT: 11.09 min Scan# 788

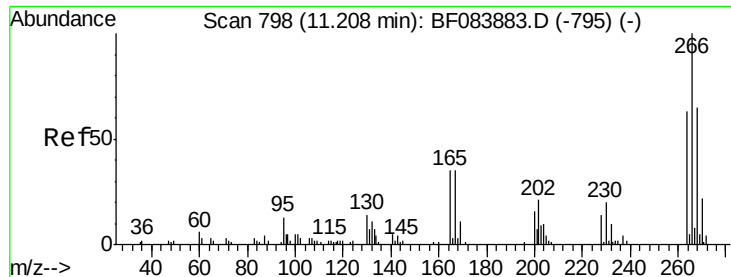
Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:	200	Resp:	74731
Ion Ratio	Lower	Upper	
200	100		
173	31.7	9.5	49.5
215	44.4	23.8	63.8





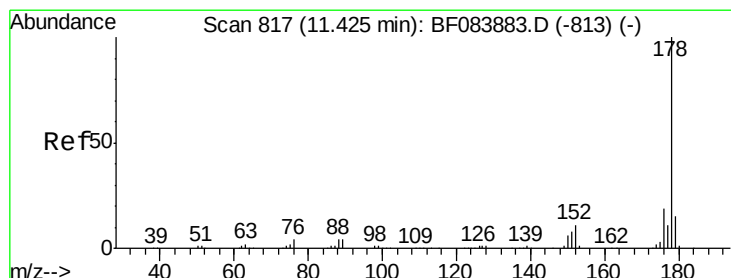
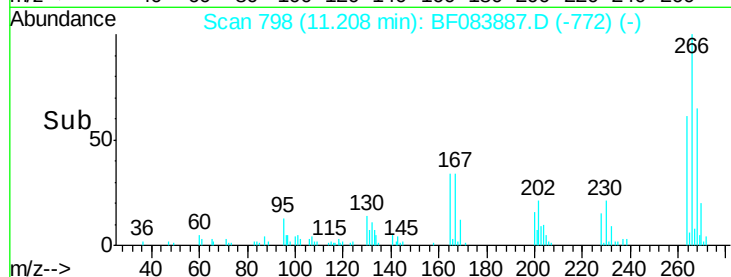
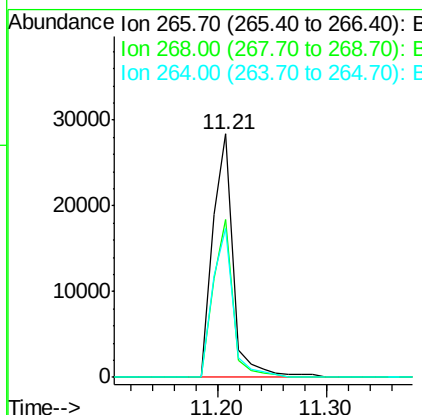
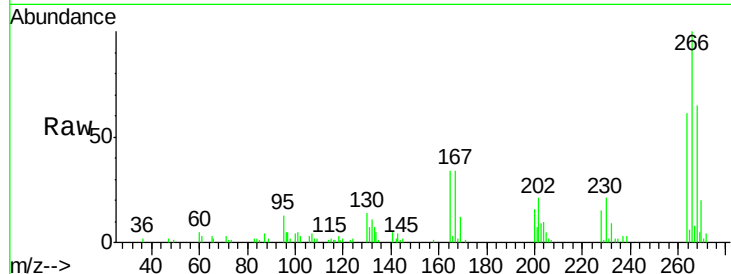
#69
 Pentachlorophenol
 Concen: 39.47 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.4	78.6
264	61.1	50.2	75.2

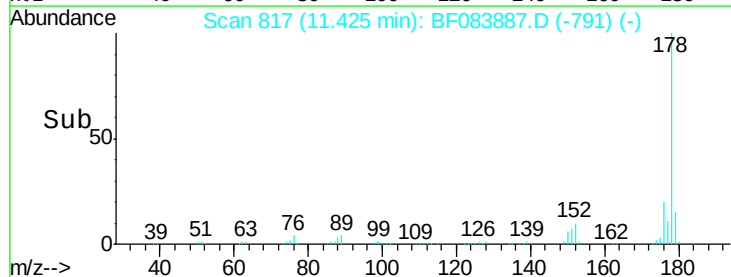
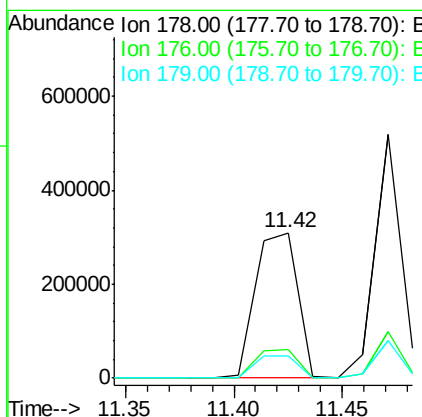
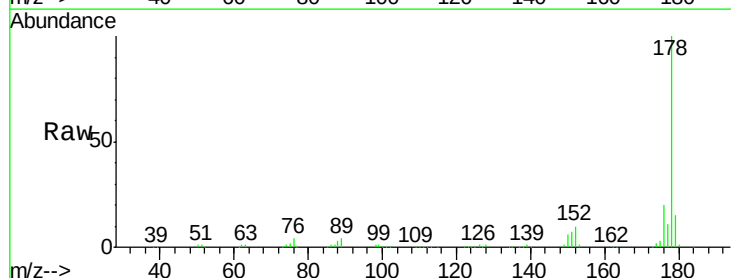
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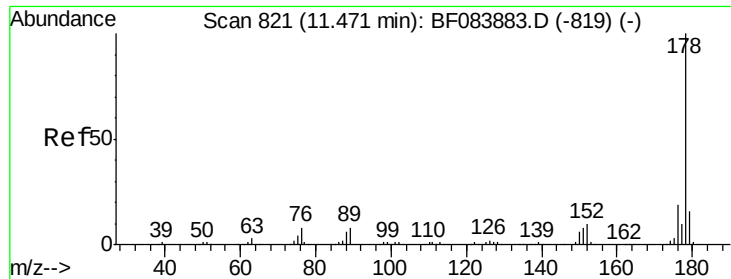
MMdadoda
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#70
 Phenanthrene
 Concen: 37.41 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	14.8	12.0	18.0





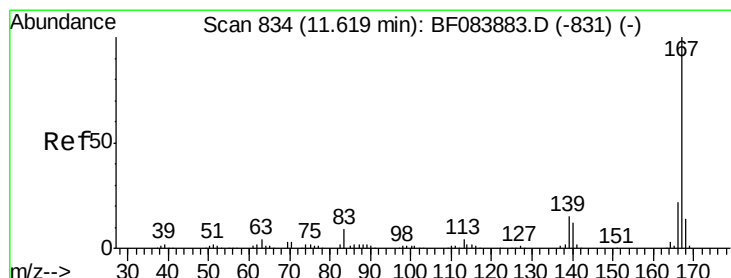
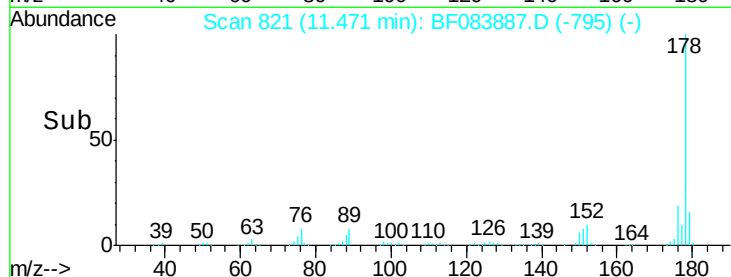
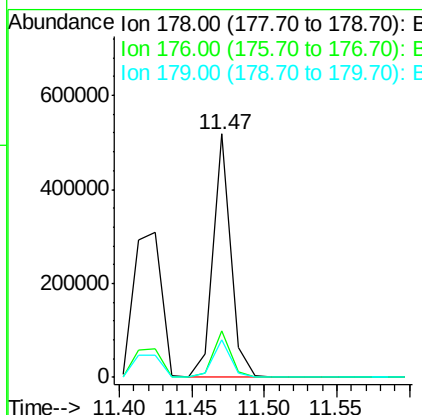
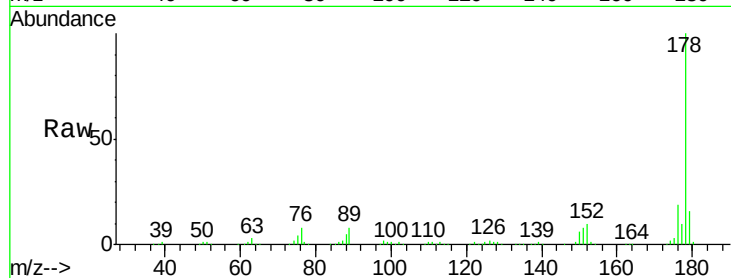
#71
 Anthracene
 Concen: 40.14 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.6	12.5	18.7

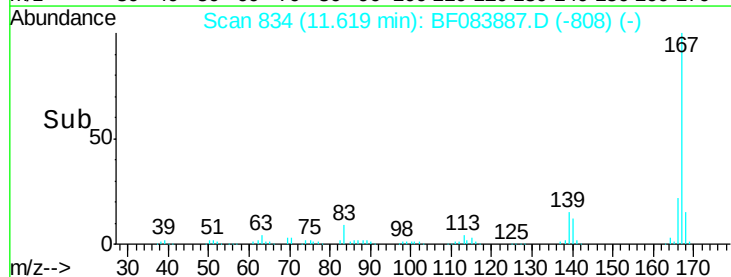
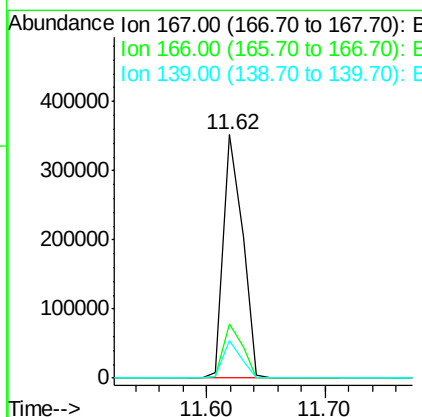
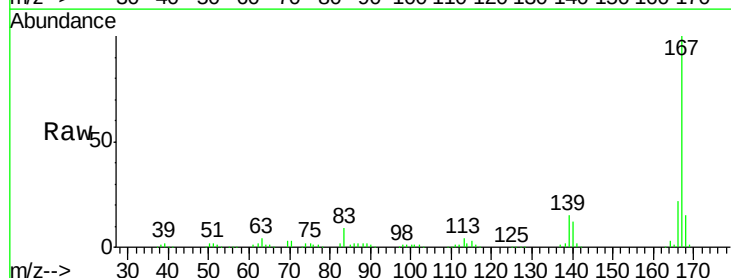
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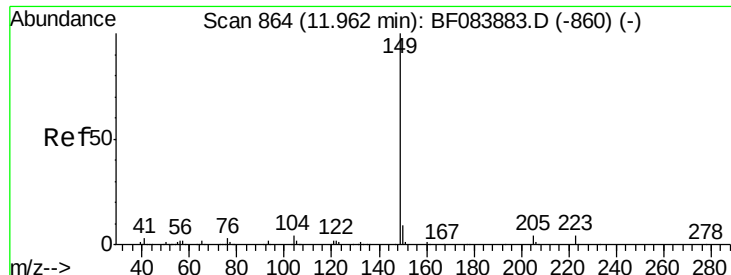
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#72
 Carbazole
 Concen: 36.61 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	15.2	11.8	17.8





#73

Di-n-butylphthalate

Concen: 40.73 ng

RT: 11.96 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

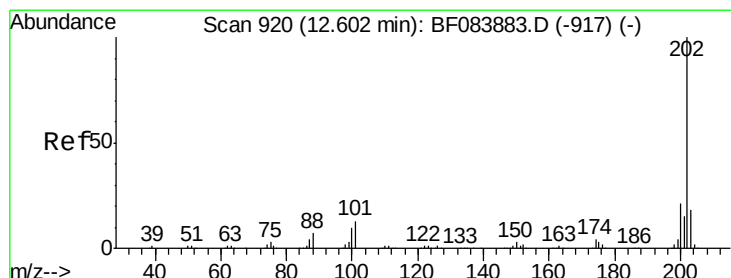
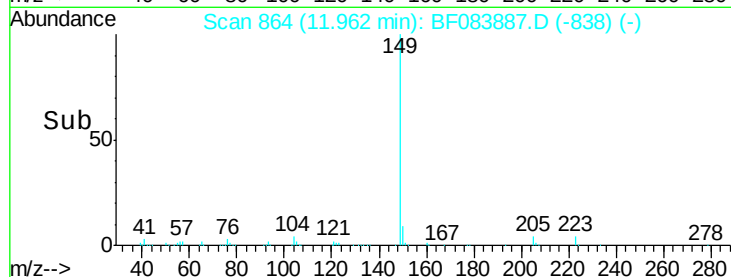
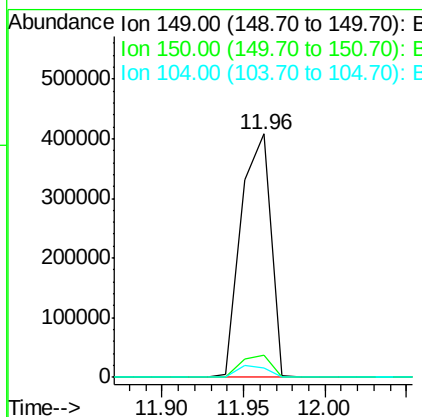
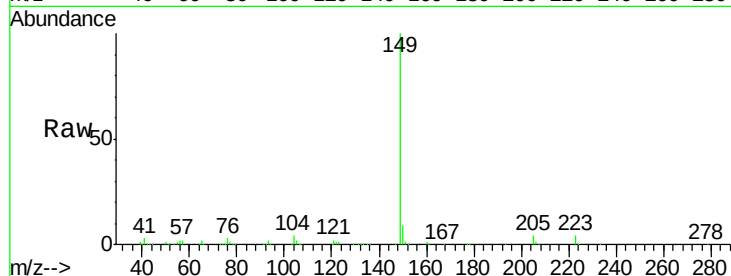
ClientSampleId :

ICVBF121815

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Tgt Ion:	149	Resp:	513336
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.1	10.7
104	4.0	3.2	4.8



#74

Fluoranthene

Concen: 38.39 ng

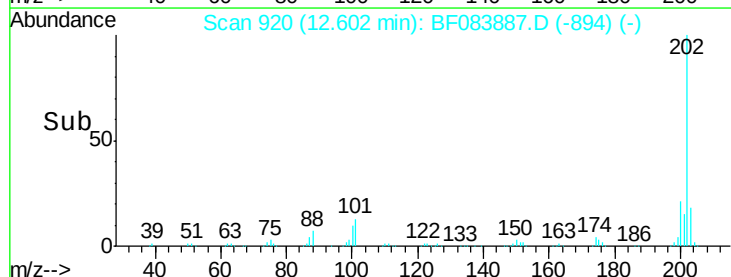
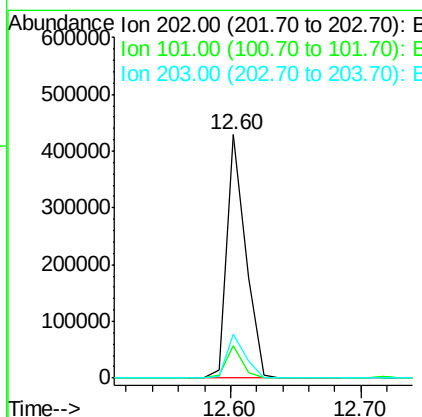
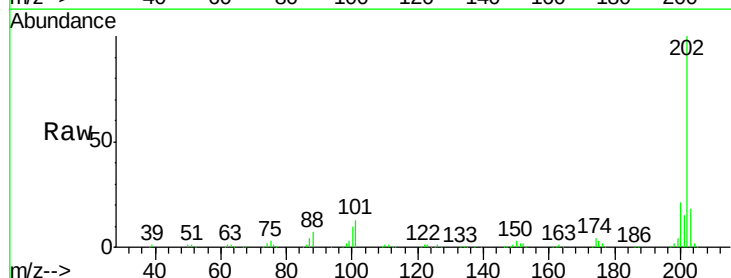
RT: 12.60 min Scan# 920

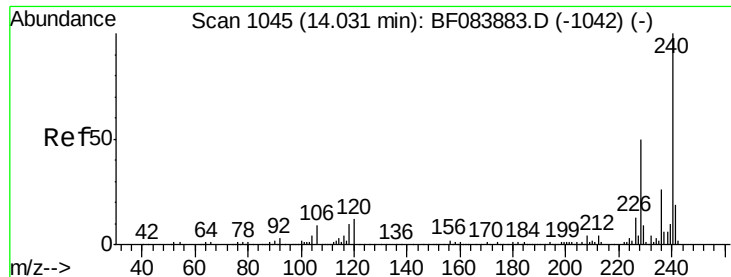
Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:	202	Resp:	430247
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	32.8
203	18.2	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

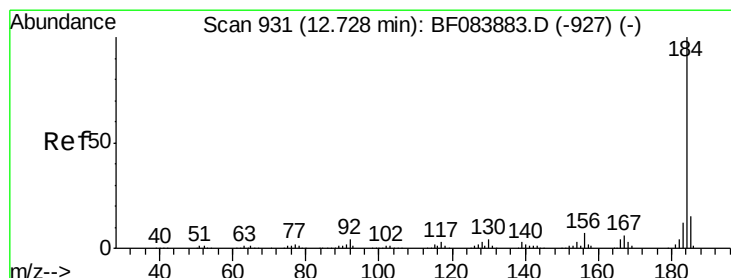
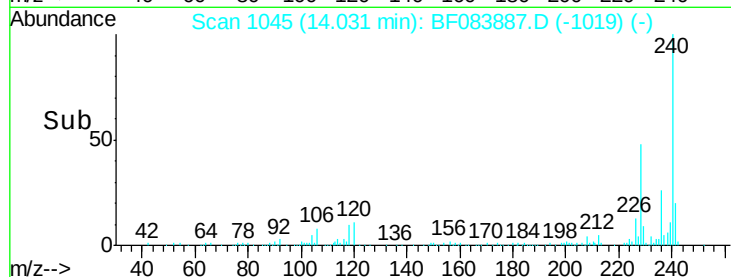
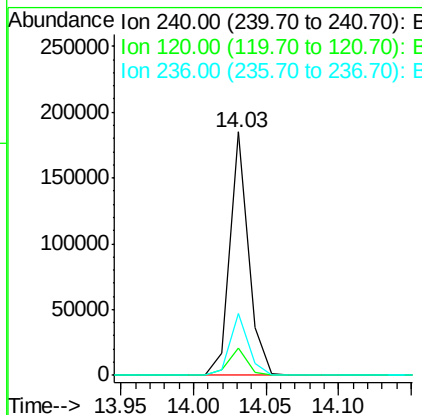
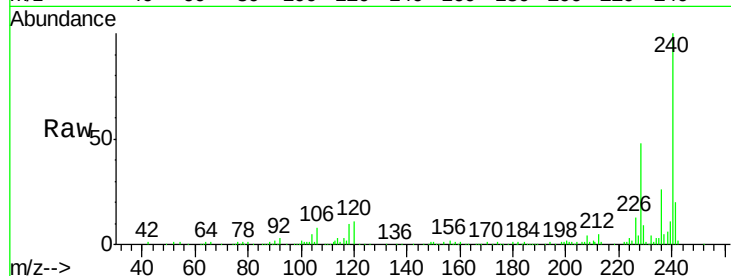
ClientSampleId :

ICVBF121815

Tgt Ion:	240	Resp:	165464
Ion Ratio		Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.6	20.6	31.0

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#76

Benzidine

Concen: 34.08 ng

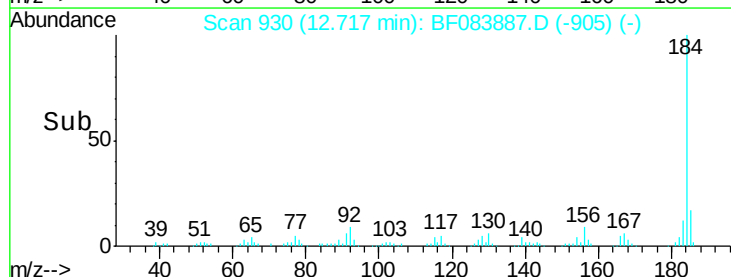
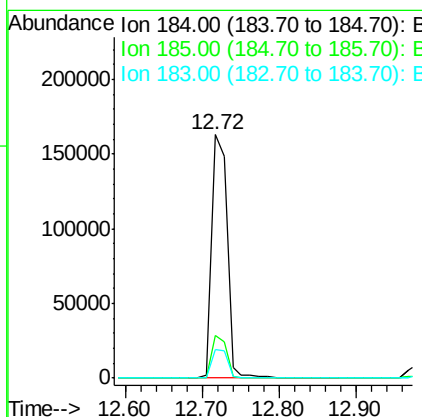
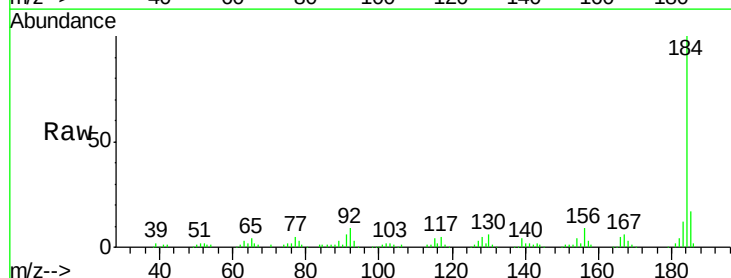
RT: 12.72 min Scan# 930

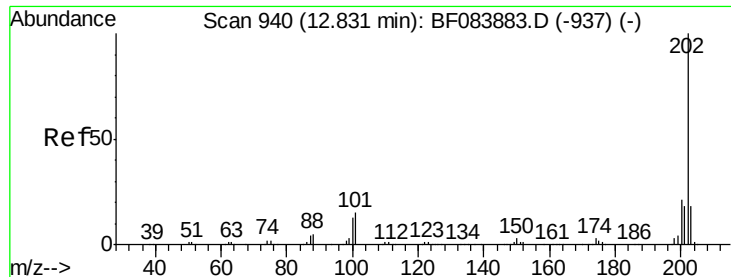
Delta R.T. -0.01 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

Tgt Ion:	184	Resp:	225811
Ion Ratio		Lower	Upper
184	100		
185	17.4	12.2	18.2
183	12.0	9.8	14.8





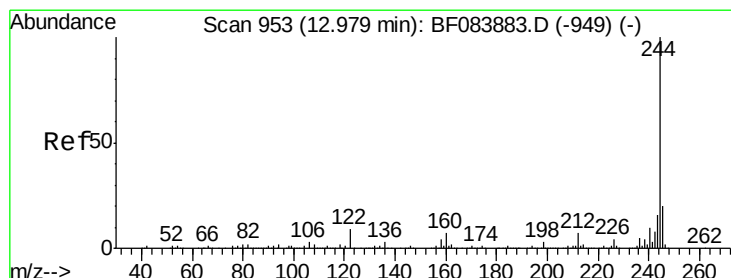
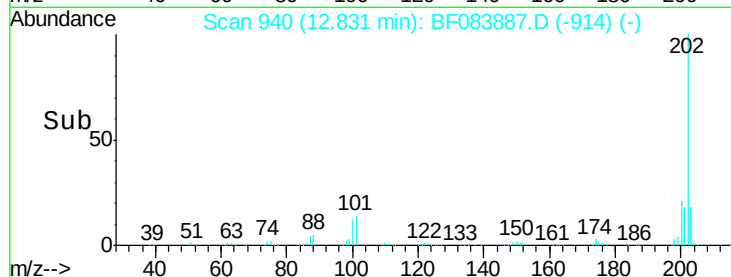
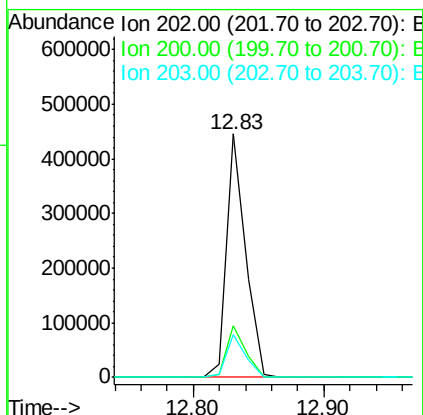
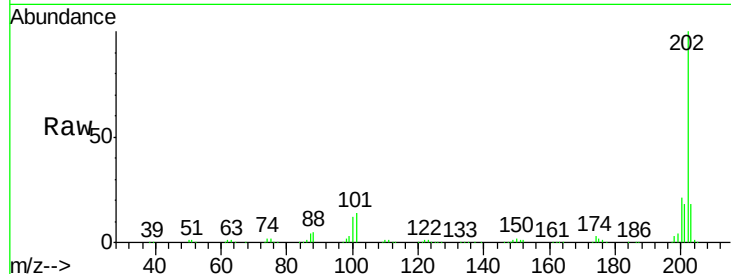
#77
Pyrene
 Concen: 42.76 ng
 RT: 12.83 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	448007		
200	21.5		17.2	25.8
203	17.7		14.3	21.5

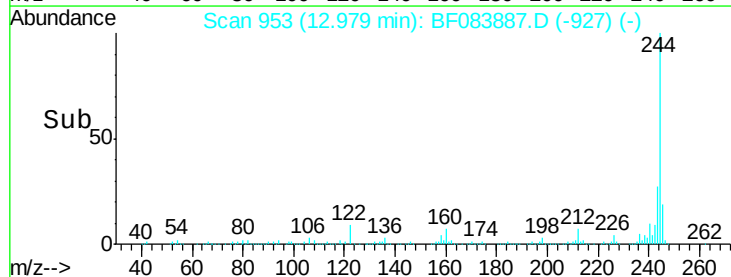
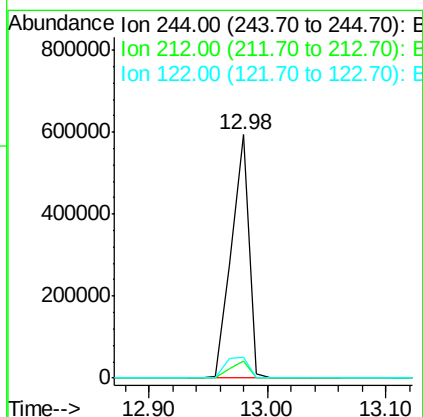
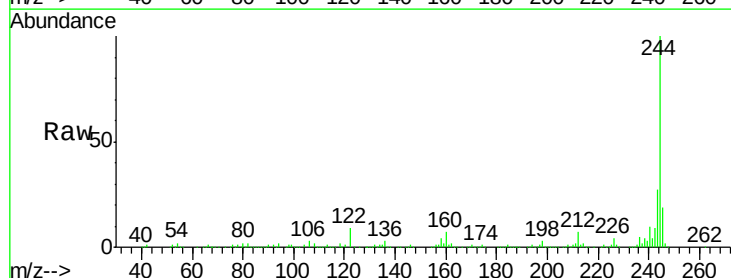
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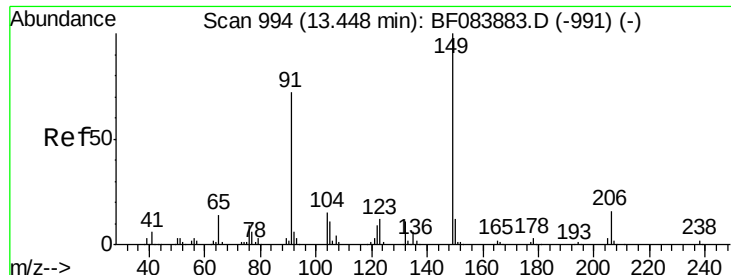
MMdadoda
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#78
Terphenyl-d14
 Concen: 86.00 ng
 RT: 12.98 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	608105		
212	7.2		5.7	8.5
122	8.7		7.4	11.0





#79

Butylbenzylphthalate

Concen: 39.19 ng

RT: 13.45 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF083887.D

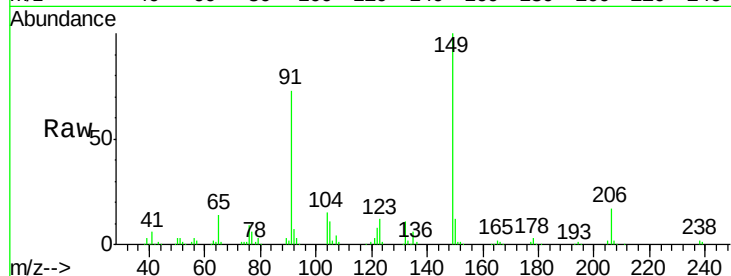
Acq: 17 Dec 2015 20:56

Instrument :

BNA_F

ClientSampleId :

ICVBF121815



Tgt Ion:149 Resp: 215852

Ion Ratio Lower Upper

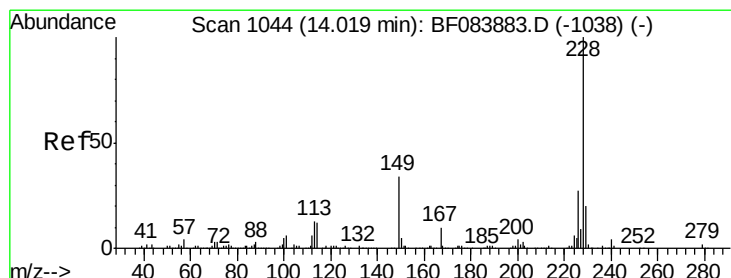
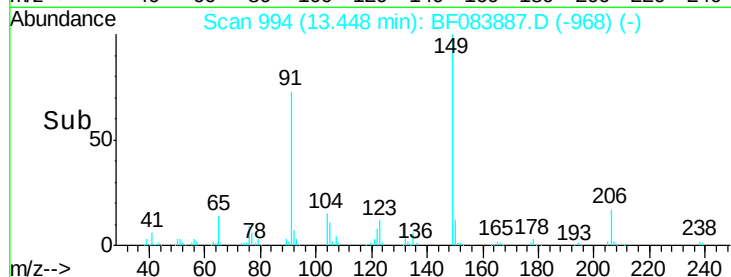
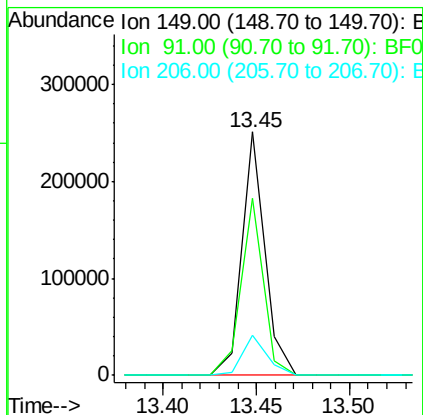
149 100

91 72.5 57.6 86.4

206 16.6 13.2 19.8

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#80

Benzo(a)anthracene

Concen: 37.37 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF083887.D

Acq: 17 Dec 2015 20:56

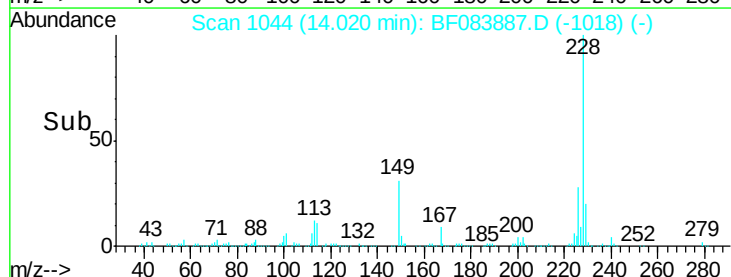
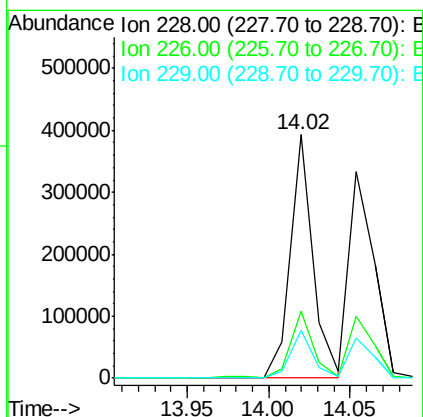
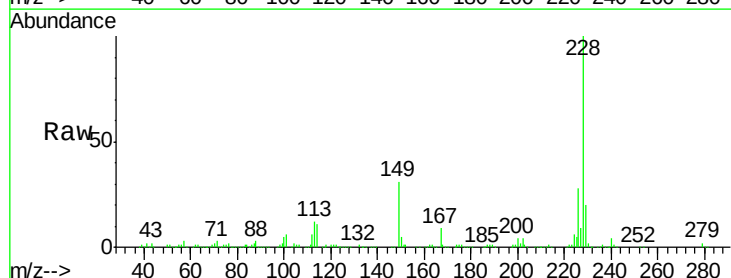
Tgt Ion:228 Resp: 380155

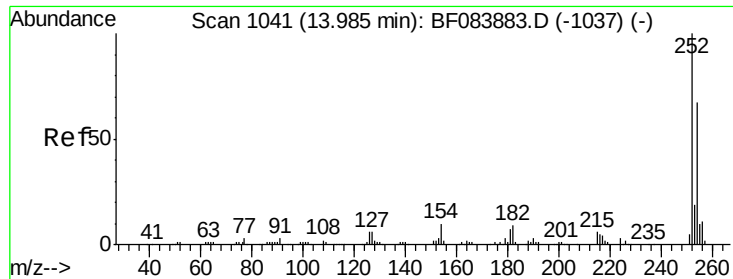
Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

229 19.7 15.8 23.8





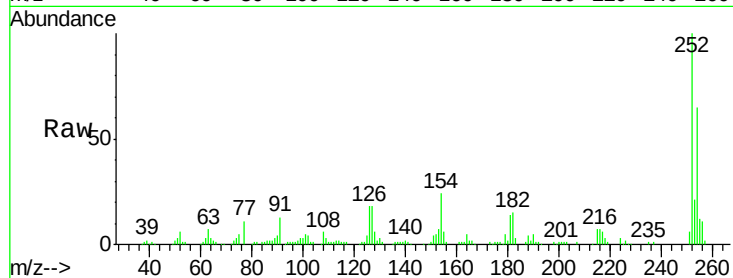
#81
 3,3'-Dichlorobenzidine
 Concen: 36.92 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

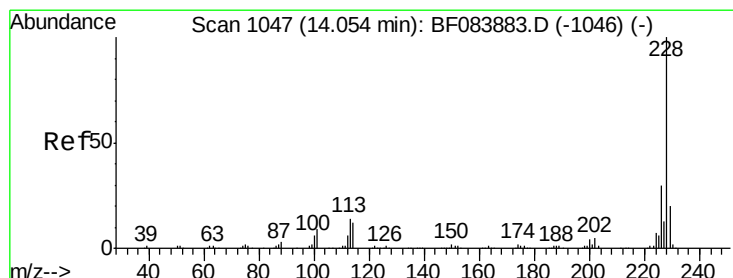
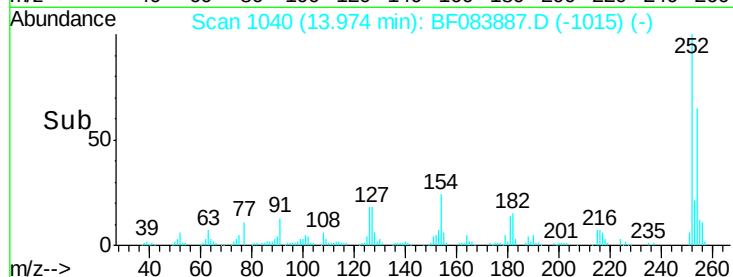
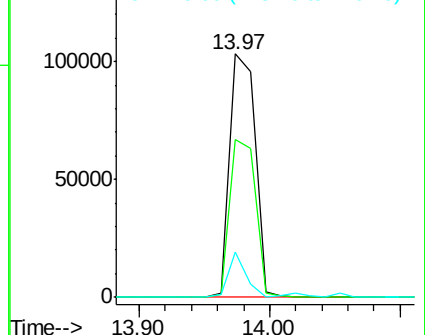
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.9	53.5	80.3
126	18.4	4.9	7.3

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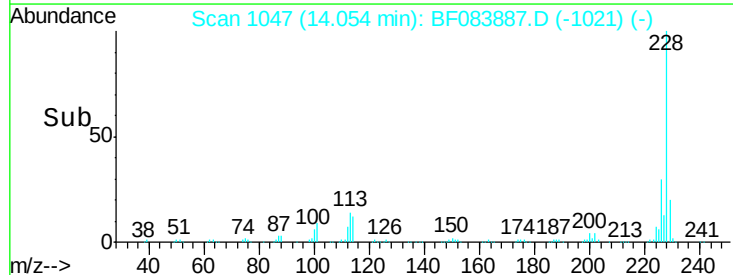
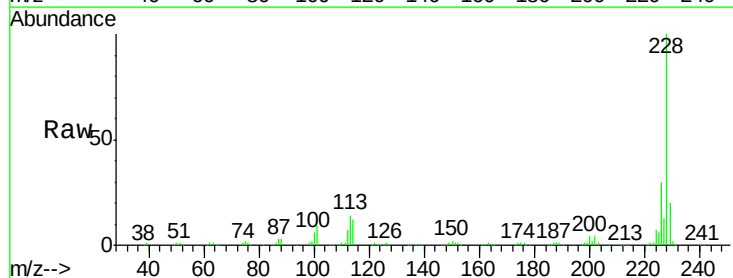
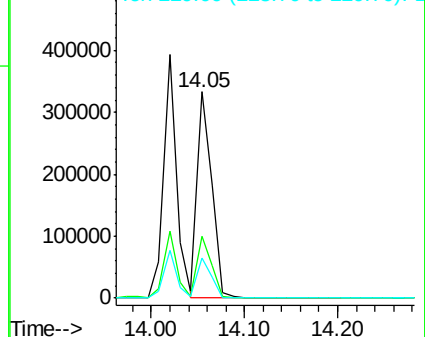
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

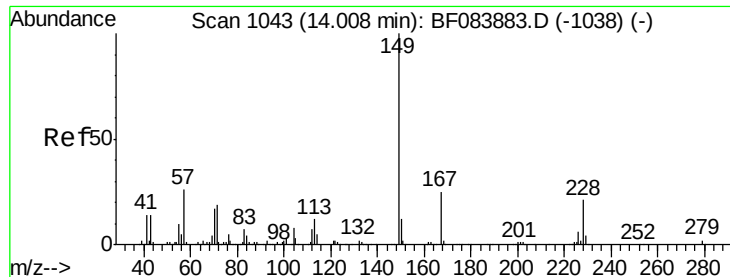


#82
 Chrysene
 Concen: 37.06 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	24.3	36.5
229	19.6	16.1	24.1

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





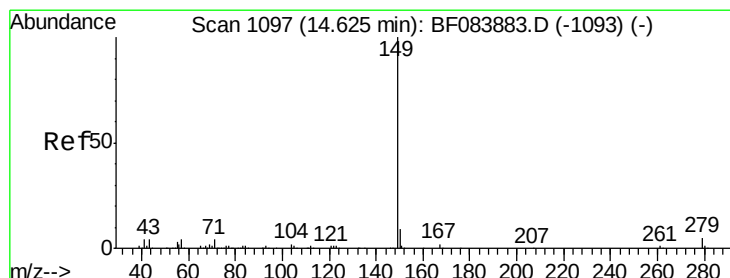
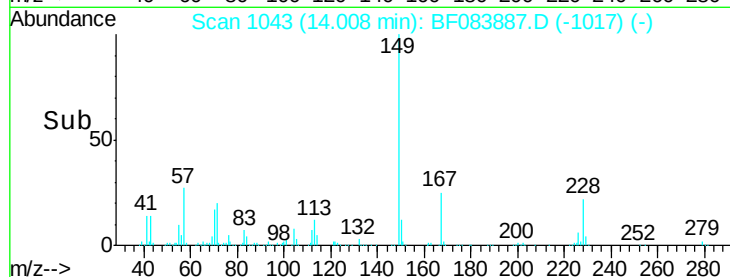
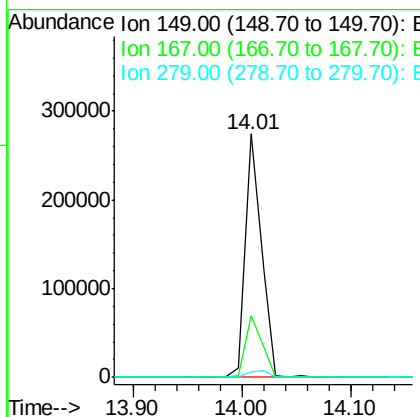
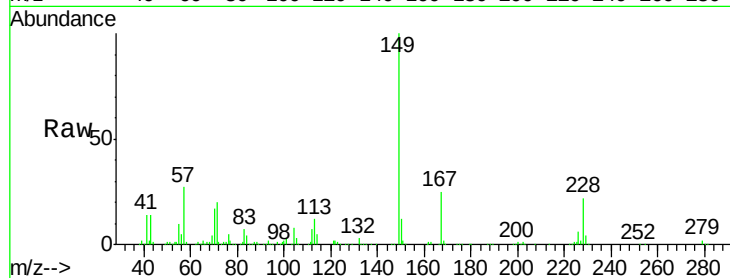
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.33 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	281860		
167	25.3	19.7	29.5	
279	2.0	1.8	2.6	

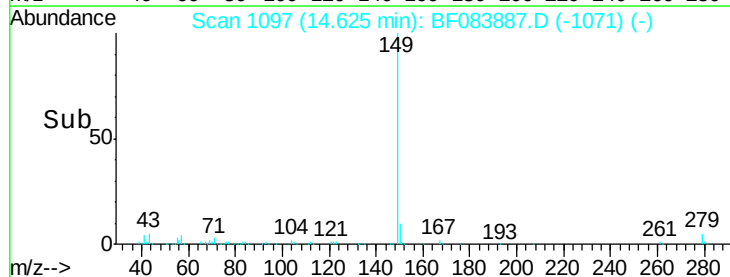
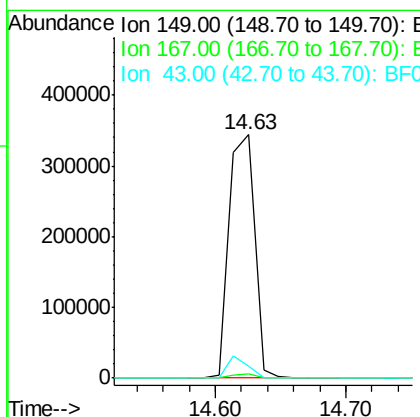
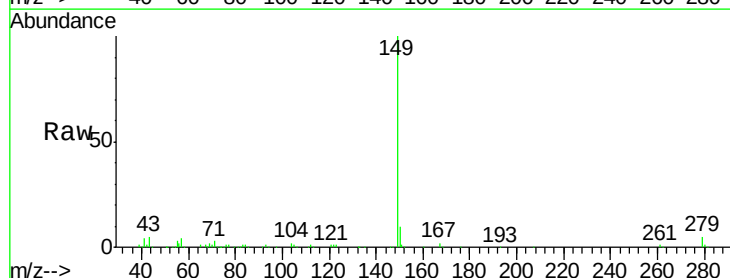
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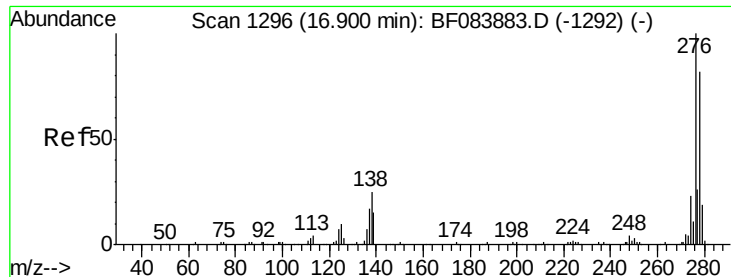
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#84
 Di-n-octyl phthalate
 Concen: 40.60 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	467220		
167	1.5	1.2	1.8	
43	7.2	5.6	8.4	





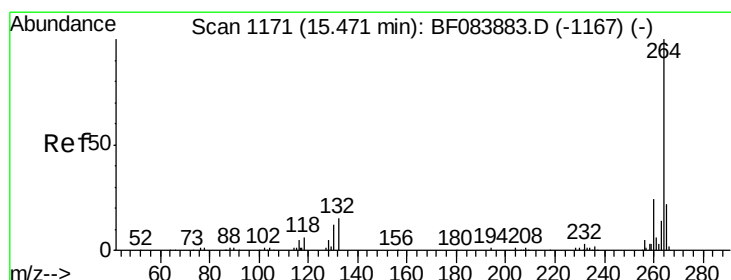
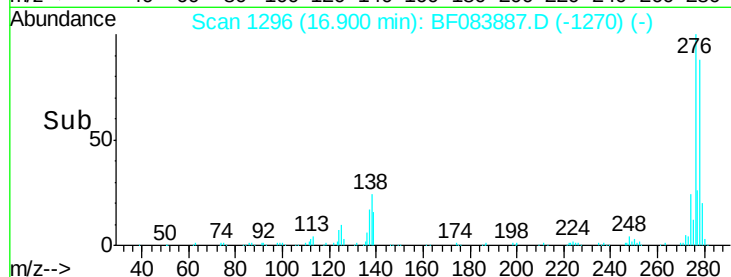
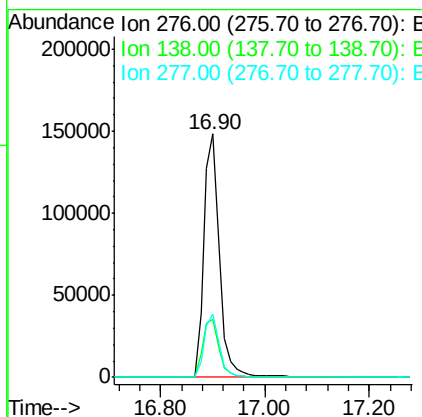
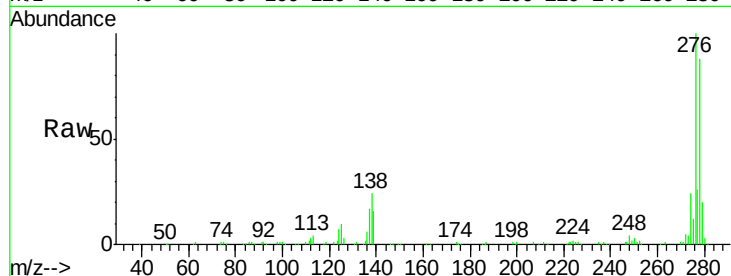
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.51 ng
RT: 16.90 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	305016		
138	25.1	20.6	30.8	
277	25.5	20.1	30.1	

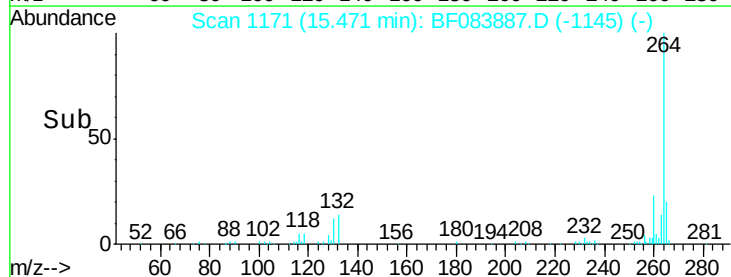
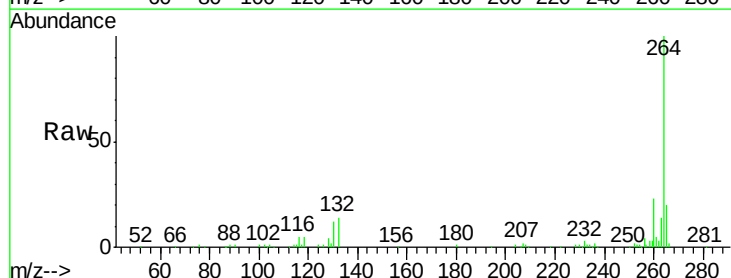
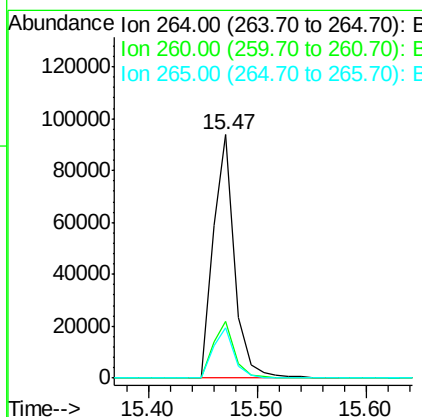
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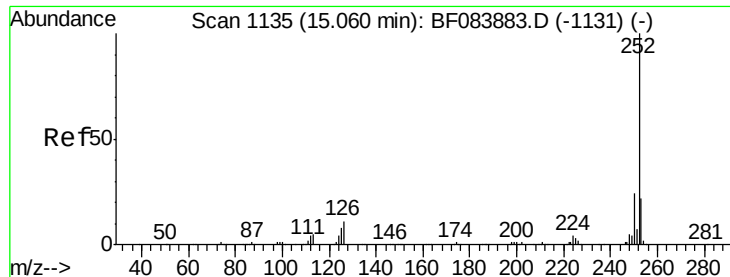
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	127036		
260	23.1	19.4	29.2	
265	20.5	17.8	26.6	





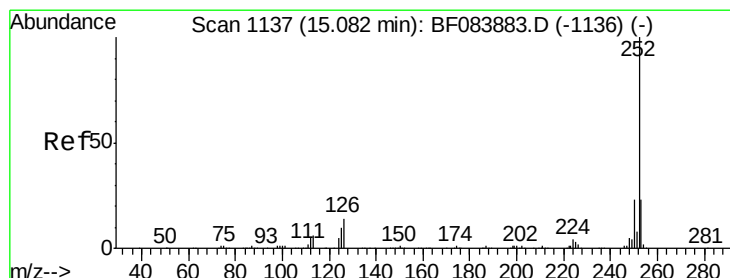
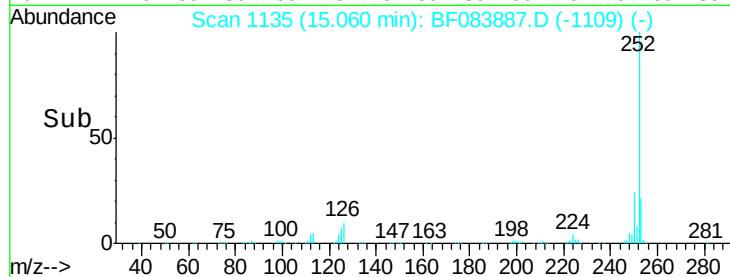
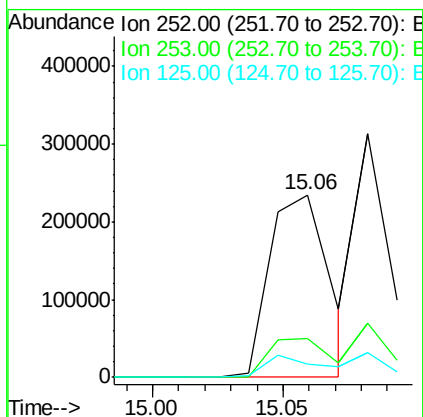
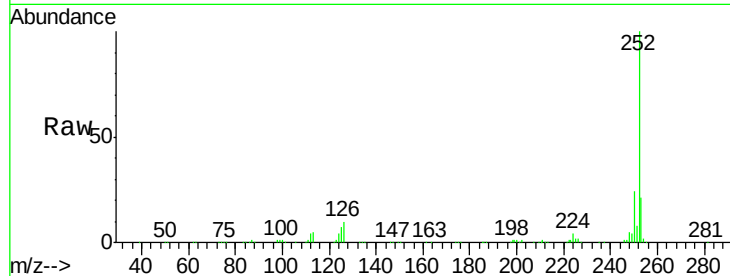
#87
Benzo(b)fluoranthene
Concen: 40.05 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	7.3	6.5	9.7

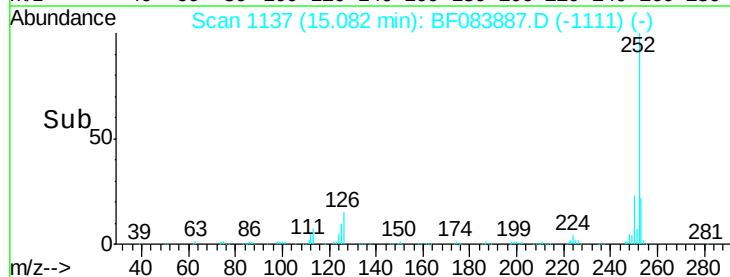
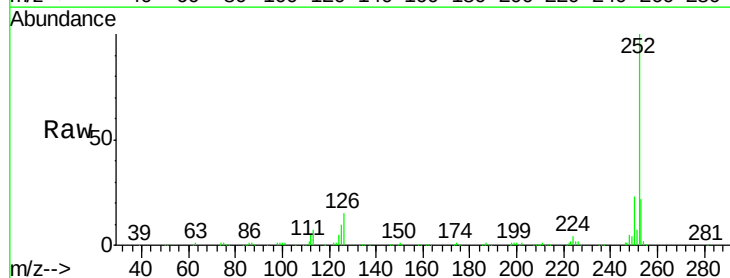
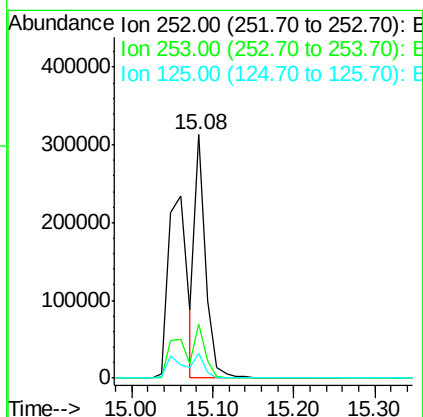
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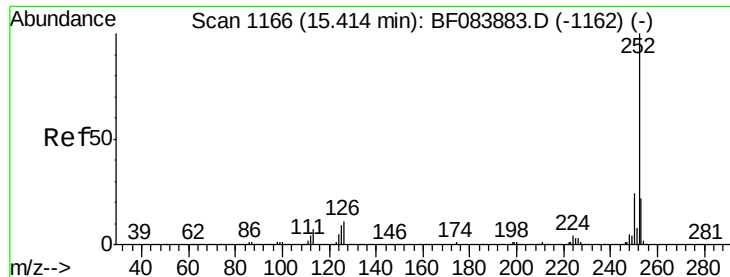
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#88
Benzo(k)fluoranthene
Concen: 39.62 ng m
RT: 15.08 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.4	9.0	13.6





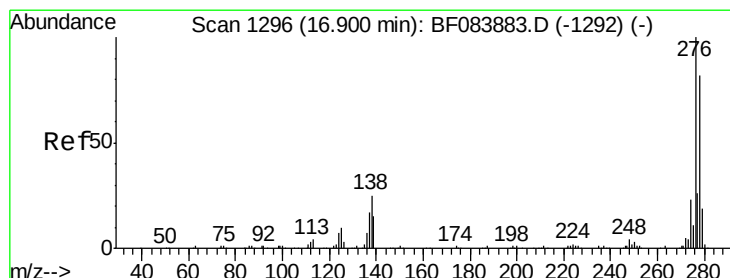
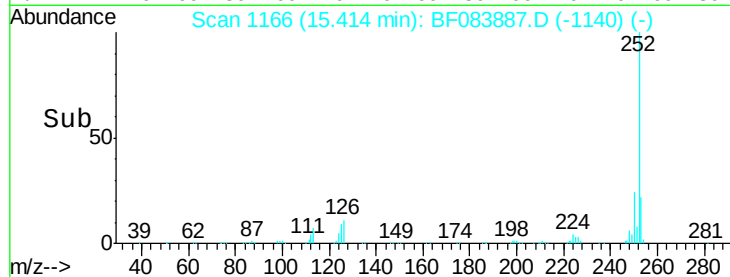
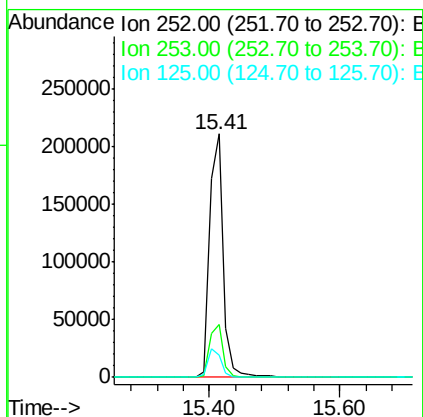
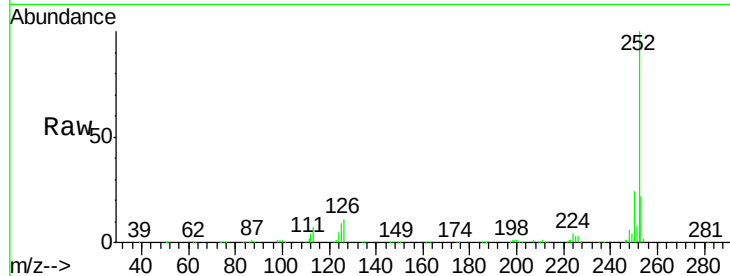
#89
Benzo(a)pyrene
Concen: 40.65 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Instrument :
BNA_F
ClientSampleId :
ICVBF121815

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	8.9	7.0	10.4

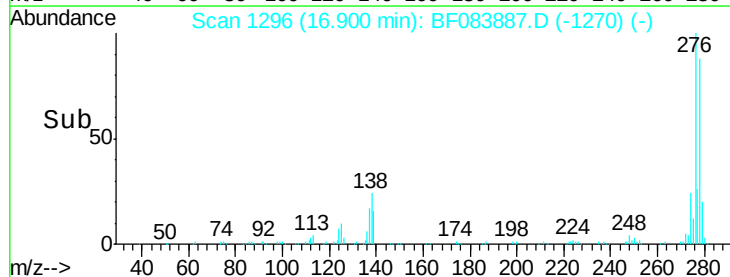
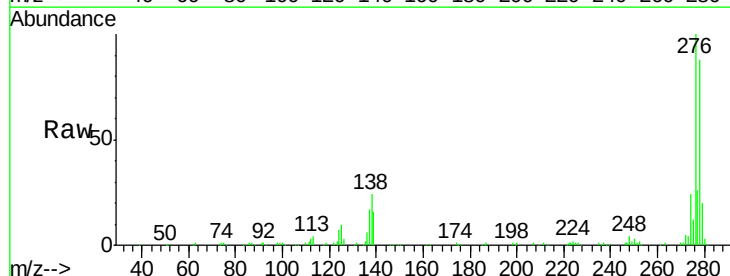
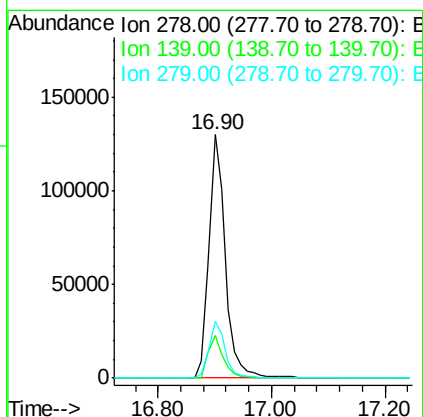
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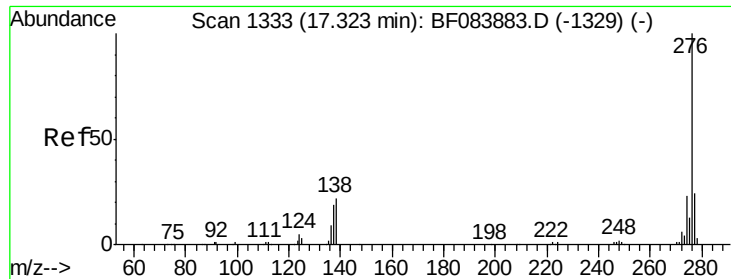
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#90
Dibenzo(a,h)anthracene
Concen: 42.75 ng
RT: 16.90 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF083887.D
Acq: 17 Dec 2015 20:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.0	22.4
279	23.2	18.9	28.3





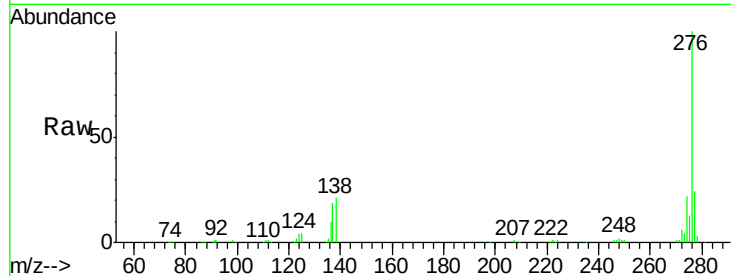
#91
 Benzo(g,h,i)perylene
 Concen: 42.95 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF083887.D
 Acq: 17 Dec 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121815

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.0	17.8	26.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

