

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084168.D
 Acq On : 31 Dec 2015 1:22
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:41:22 PM

Quant Time: Dec 31 04:19:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 03:17:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	332400	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1387192	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	649213	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	1141489	20.00	ng	0.00
75) Chrysene-d12	14.07	240	754421	20.00	ng	0.00
86) Perylene-d12	15.51	264	586805	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2013799	101.59	ng	0.00
7) Phenol-d6	6.53	99	2606682	105.68	ng	0.01
23) Nitrobenzene-d5	7.47	82	2243206	93.26	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	631743	91.19	ng	0.01
44) 2-Fluorobiphenyl	9.28	172	3615248	78.00	ng	0.01
78) Terphenyl-d14	13.01	244	2979989	73.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	490370	58.96	ng	100
3) Pyridine	3.25	79	1335628	63.40	ng	97
4) n-Nitrosodimethylamine	3.21	42	708652	73.88	ng	97
6) Aniline	6.57	93	1838840	57.95	ng	97
8) 2-Chlorophenol	6.68	128	1082944	45.06	ng	97
9) Benzaldehyde	6.44	77	763678	56.86	ng	99
10) Phenol	6.54	94	1603378	57.19	ng	88
11) bis(2-Chloroethyl)ether	6.64	93	1031977	50.81	ng	99
12) 1,3-Dichlorobenzene	6.84	146	1123366	43.06	ng	98
13) 1,4-Dichlorobenzene	6.92	146	1200365	45.26	ng	99
14) 1,2-Dichlorobenzene	7.08	146	1040494m	42.86	ng	
15) Benzyl Alcohol	7.05	79	1122766	58.58	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1929970	85.05	ng	99
17) 2-Methylphenol	7.15	107	953127	50.36	ng	99
18) Hexachloroethane	7.42	117	476873	48.97	ng	96
19) n-Nitroso-di-n-propylamine	7.32	70	834494	54.47	ng	95
20) 3+4-Methylphenols	7.31	107	1056556	43.94	ng	92
22) Acetophenone	7.32	105	1658630	48.22	ng	# 74
24) Nitrobenzene	7.49	77	1317503	52.95	ng	# 84
25) Isophorone	7.73	82	2267942	50.89	ng	97
26) 2-Nitrophenol	7.80	139	510769	40.49	ng	96
27) 2,4-Dimethylphenol	7.85	122	1070689m	50.75	ng	
28) bis(2-Chloroethoxy)methane	7.94	93	1269957	48.61	ng	100
29) 2,4-Dichlorophenol	8.04	162	895368	44.80	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	978433	45.26	ng	99
31) Naphthalene	8.21	128	2908440	40.09	ng	99
32) Benzoic acid	7.96	122	805056m	70.61	ng	
33) 4-Chloroaniline	8.26	127	1319768	44.27	ng	97
34) Hexachlorobutadiene	8.34	225	563946	45.35	ng	99
35) Caprolactam	8.65	113	338673	59.92	ng	# 71
36) 4-Chloro-3-methylphenol	8.74	107	1090993	48.73	ng	93
37) 2-Methylnaphthalene	8.90	142	2026657	43.91	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	869395	42.89	ng	99
40) Hexachlorocyclopentadiene	9.06	237	545462	99.38	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	631443	47.28	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	642828	48.13	nq #	77
45) 1,1'-Biphenyl	9.37	154	2194650	38.61	nq	98
46) 2-Chloronaphthalene	9.39	162	1705811	39.25	nq	99
47) 2-Nitroaniline	9.48	65	567141	47.58	nq	100
48) Acenaphthylene	9.81	152	2945983	40.83	nq	98
49) Dimethylphthalate	9.68	163	2189285	41.13	nq	98
50) 2,6-Dinitrotoluene	9.73	165	531327	47.59	nq #	78
51) Acenaphthene	9.98	154	2047102	47.93	nq	99
52) 3-Nitroaniline	9.89	138	554946	46.37	nq	99
53) 2,4-Dinitrophenol	10.00	184	215553	63.73	nq #	84
54) Dibenzofuran	10.16	168	2668506	45.26	nq	95
55) 4-Nitrophenol	10.04	139	419647	60.52	nq	94
56) 2,4-Dinitrotoluene	10.13	165	698585	46.60	nq #	69
57) Fluorene	10.50	166	1949320	39.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	559378	57.32	nq	96
59) Diethylphthalate	10.37	149	2145023	39.37	nq	99
60) 4-Chlorophenyl-phenylether	10.49	204	846673	37.29	nq	97
61) 4-Nitroaniline	10.51	138	516892	45.14	nq	90
62) Azobenzene	10.65	77	2387616	51.35	nq	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	278533	43.64	nq #	78
65) n-Nitrosodiphenylamine	10.60	169	1747182	44.16	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	610480	46.20	nq	96
67) Hexachlorobenzene	11.04	284	611557	42.67	nq	99
68) Atrazine	11.14	200	613134	49.76	nq	94
69) Pentachlorophenol	11.23	266	425328	87.90	nq	97
70) Phenanthrene	11.46	178	2982589	44.76	nq	98
71) Anthracene	11.51	178	2621125	37.68	nq	100
72) Carbazole	11.65	167	2431077	40.90	nq	100
73) Di-n-butylphthalate	12.00	149	2947574	38.52	nq	99
74) Fluoranthene	12.64	202	2643783	37.72	nq	99
76) Benzidine	12.76	184	1418464	53.92	nq	99
77) Pyrene	12.87	202	2687038	42.76	nq	99
79) Butylbenzylphthalate	13.49	149	1272241	47.48	nq	97
80) Benzo(a)anthracene	14.05	228	2036706	44.27	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	783179	54.60	nq	99
82) Chrysene	14.09	228	1715169	41.67	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1408950	41.77	nq	100
84) Di-n-octyl phthalate	14.67	149	2408862	49.54	nq	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	1772265	42.97	nq	99
87) Benzo(b)fluoranthene	15.08	252	1935320	44.43	nq	98
88) Benzo(k)fluoranthene	15.12	252	1337779m	45.50	nq	
89) Benzo(a)pyrene	15.45	252	1618559	45.26	nq #	94
90) Dibenzo(a,h)anthracene	16.95	278	1431719	42.04	nq	97
91) Benzo(g,h,i)perylene	17.36	276	1505005	43.16	nq	96

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

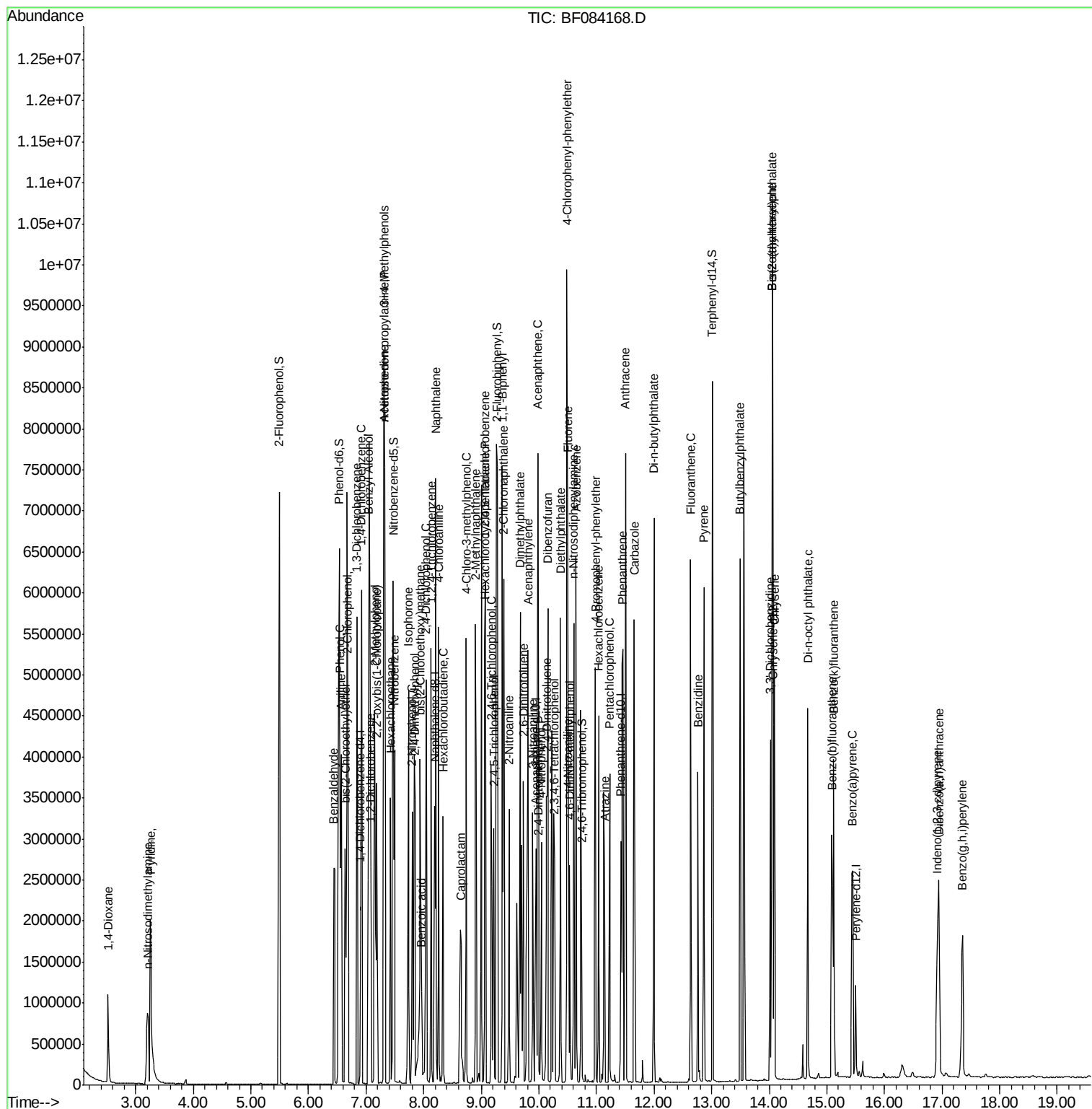
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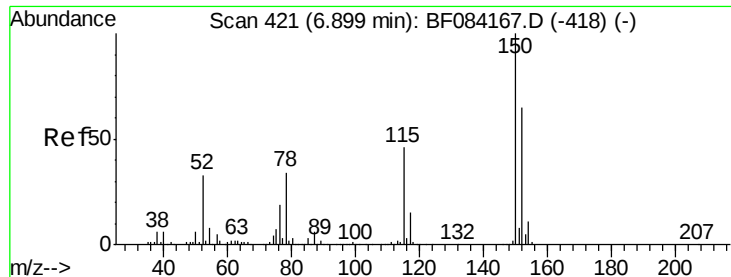
Instrument :
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Client Sampled :
SSTDICC050

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

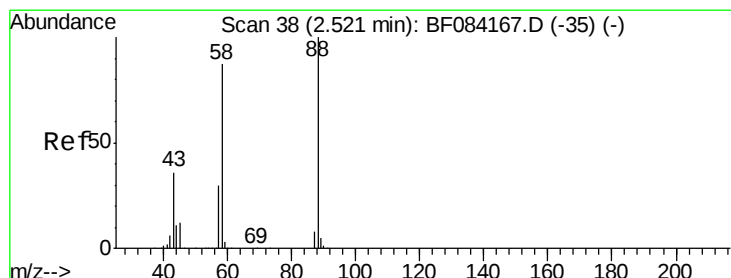
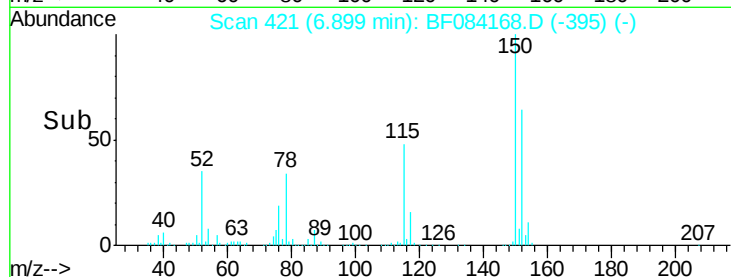
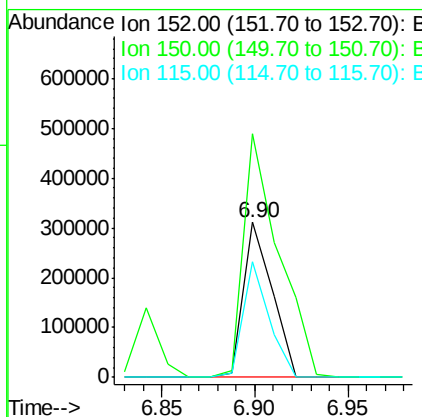
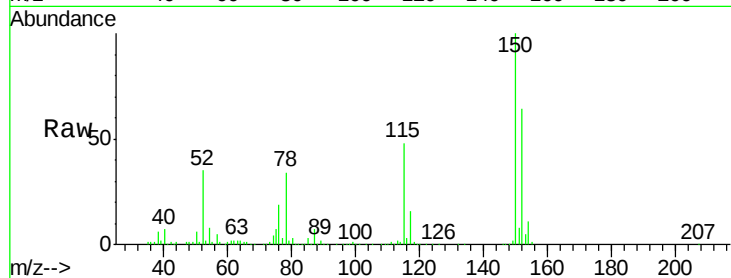
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	332400
Ion Ratio	Lower	Upper	
152	100		
150	157.1	123.8	185.8
115	74.7	57.1	85.7

Manual Integrations
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#2

1,4-Dioxane

Concen: 58.96 ng

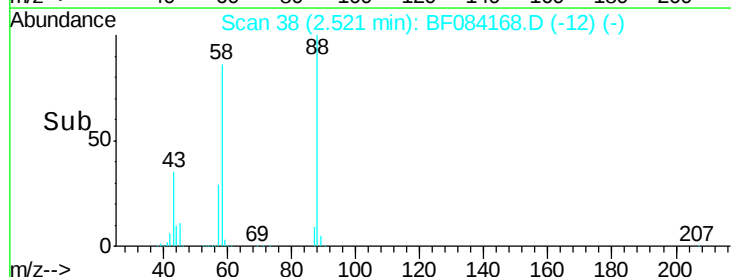
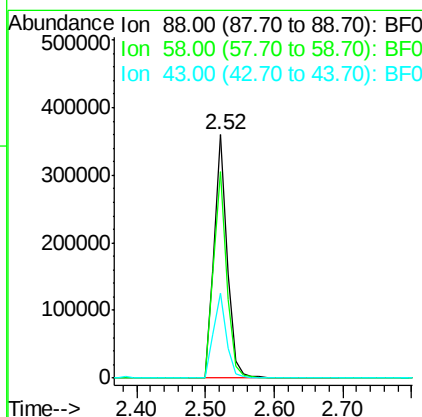
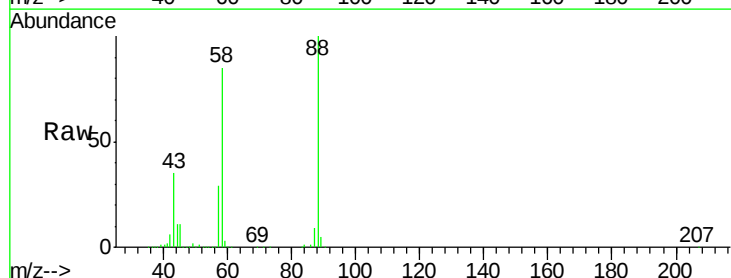
RT: 2.52 min Scan# 38

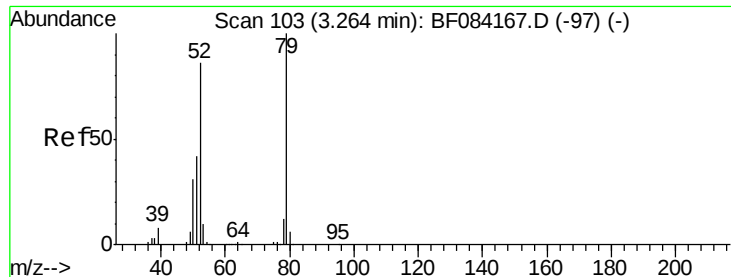
Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion:	88	Resp:	490370
Ion Ratio	Lower	Upper	
88	100		
58	84.9	67.8	101.6
43	34.6	27.8	41.8





#3

Pvridine

Concen: 63.40 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 1335628

Ion Ratio Lower Upper

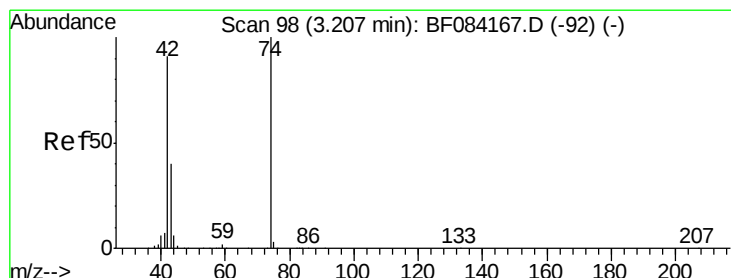
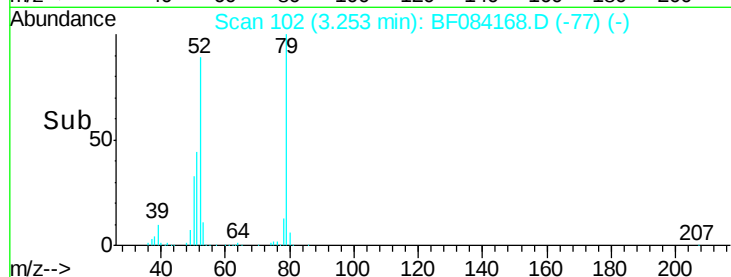
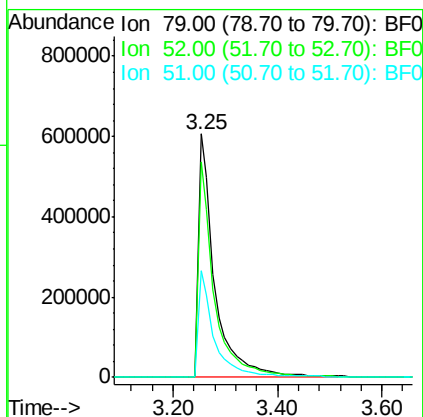
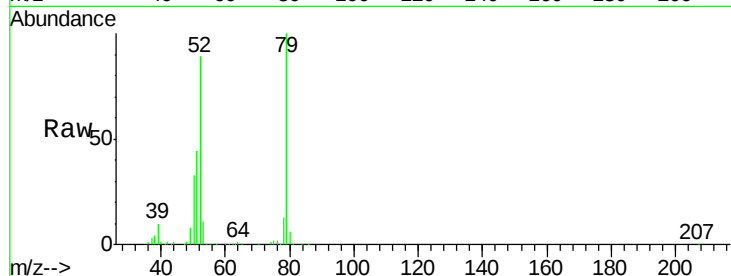
79 100

52 88.6 68.5 102.7

51 43.8 33.7 50.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 73.88 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

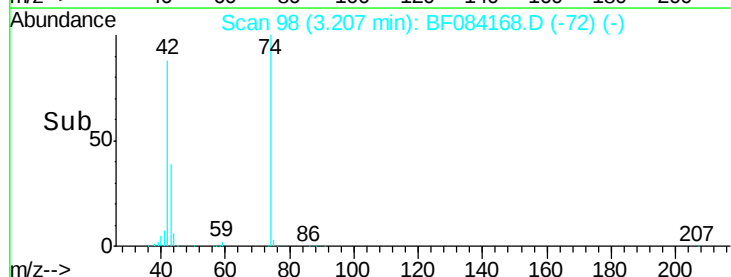
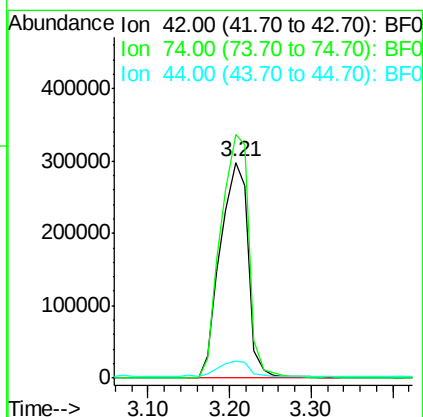
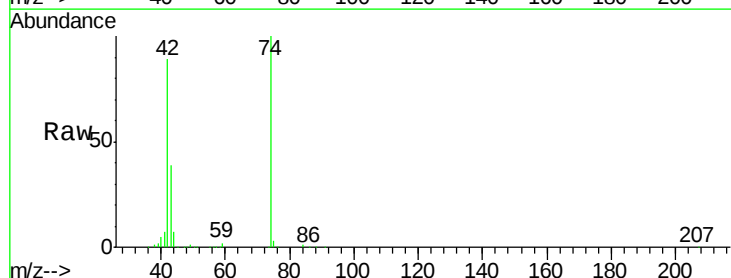
Tgt Ion: 42 Resp: 708652

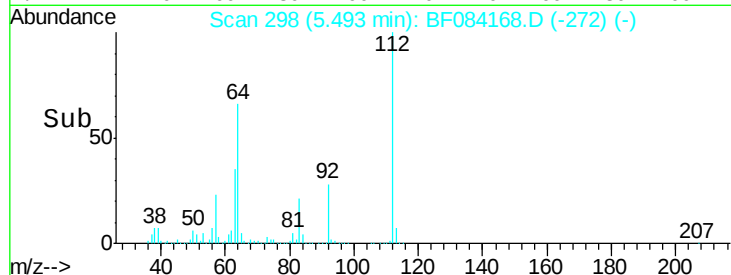
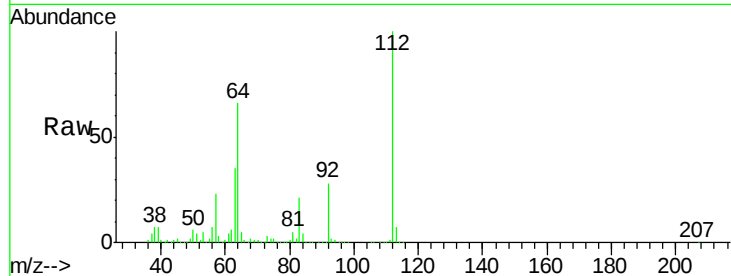
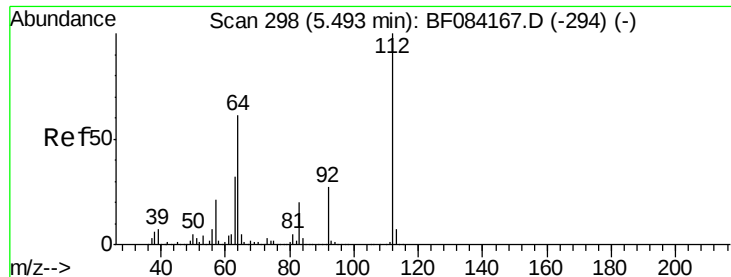
Ion Ratio Lower Upper

42 100

74 113.0 87.8 131.8

44 7.8 6.3 9.5





#5

2-Fluorophenol

Concen: 101.59 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084168.D

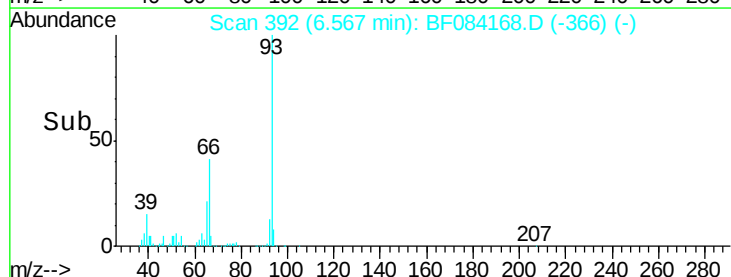
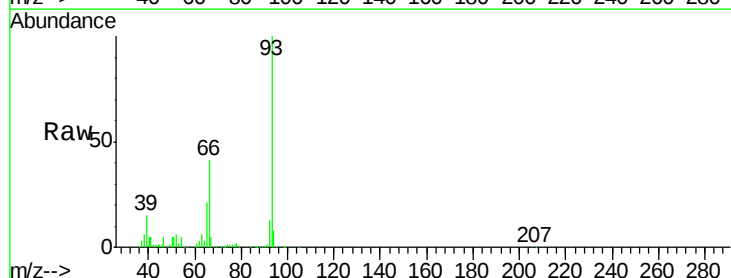
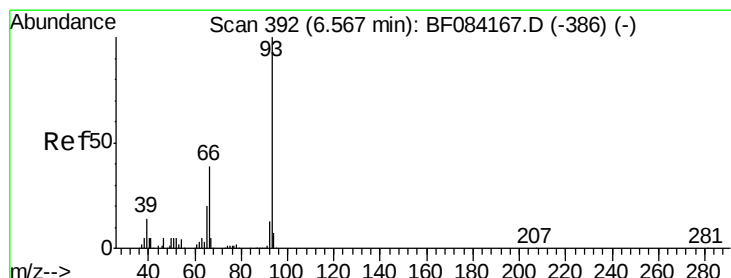
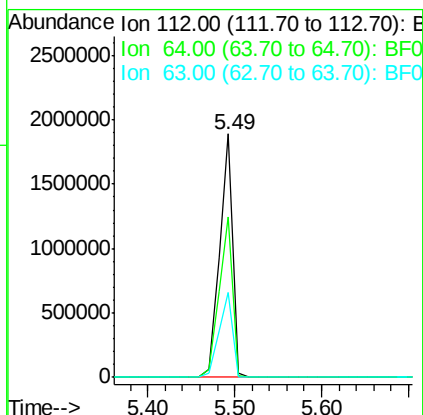
Acq: 31 Dec 2015 1:22

Tot Ion:	112	Resp:	2013799
Ion	Ratio	Lower	Upper
112	100		
64	65.8	48.7	73.1
63	35.1	25.9	38.9

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#6

Aniline

Concen: 57.95 ng

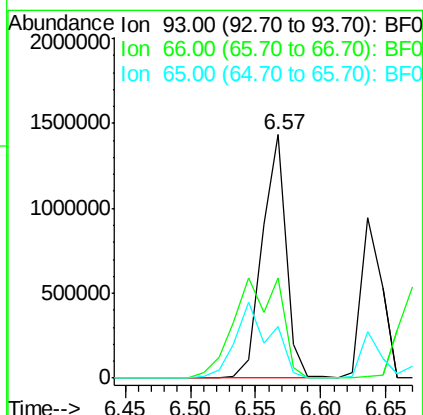
RT: 6.57 min Scan# 392

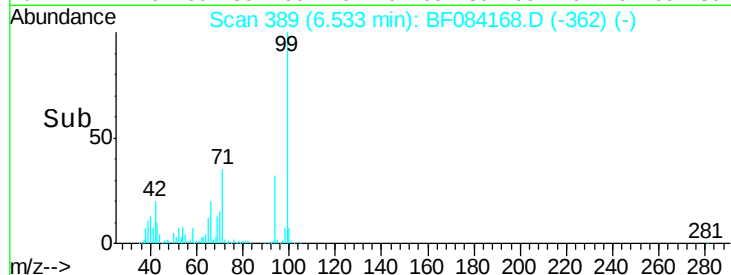
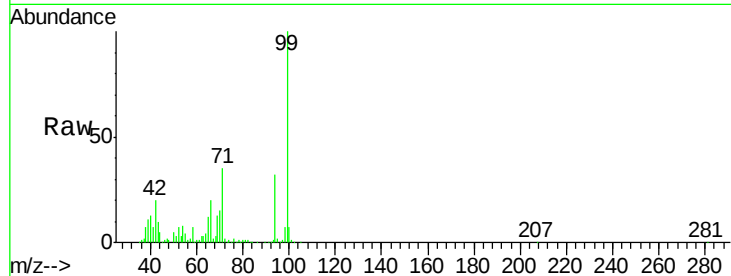
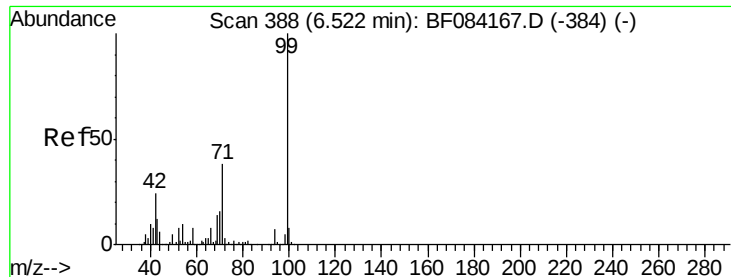
Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion:	93	Resp:	1838840
Ion	Ratio	Lower	Upper
93	100		
66	41.0	31.2	46.8
65	21.0	16.2	24.4





#7

Phenol-d6

Concen: 105.68 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tot Ion: 99 Resp: 2606682

Ion Ratio Lower Upper

99 100

42 19.7 19.2 28.8

71 34.8 30.4 45.6

Instrument :

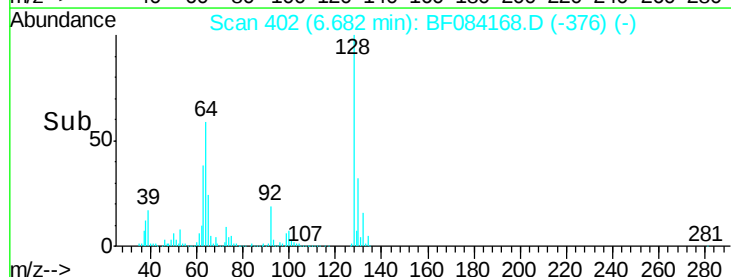
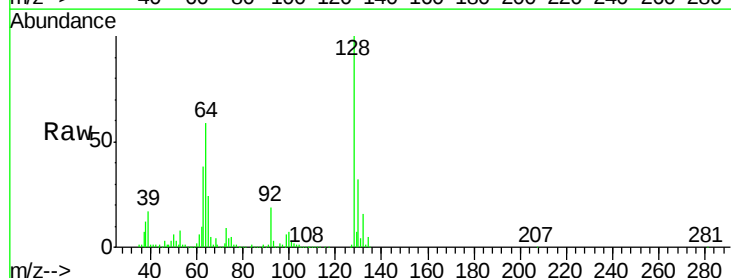
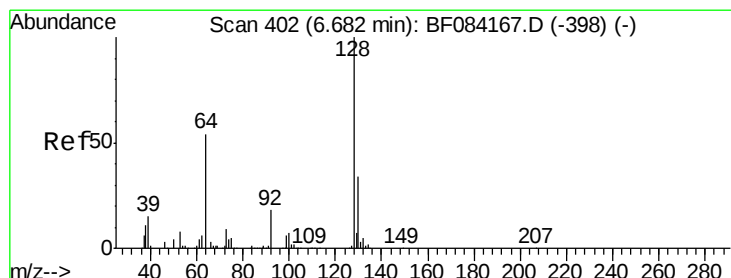
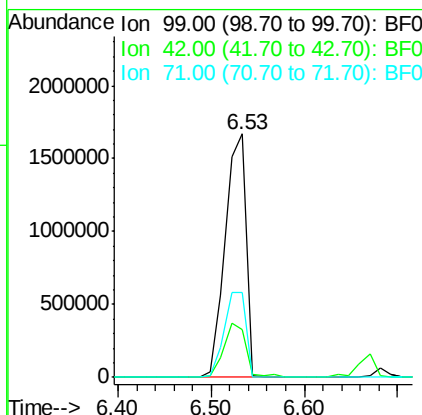
BNA_F

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SSTDICC050

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.06 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

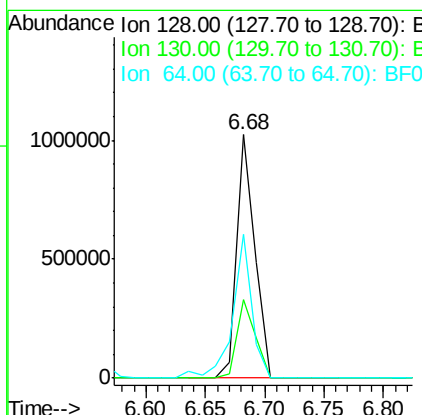
Tgt Ion:128 Resp: 1082944

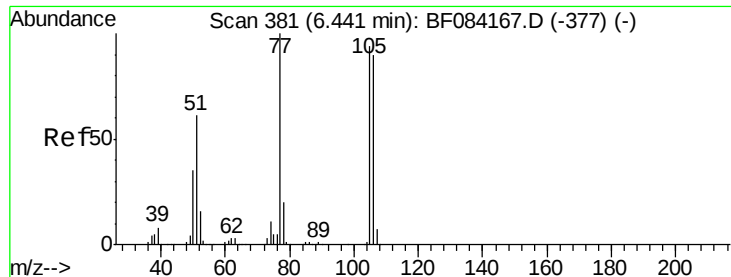
Ion Ratio Lower Upper

128 100

130 32.1 13.5 53.5

64 58.8 36.9 76.9





#9

Benzaldehyde

Concen: 56.86 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

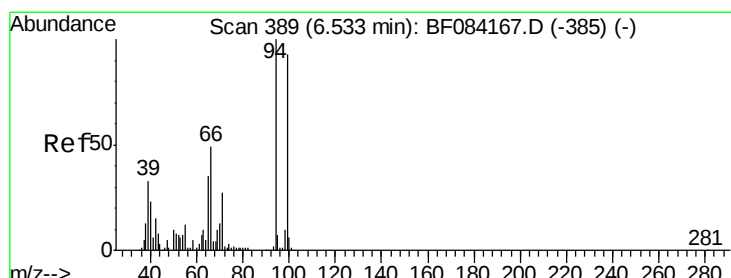
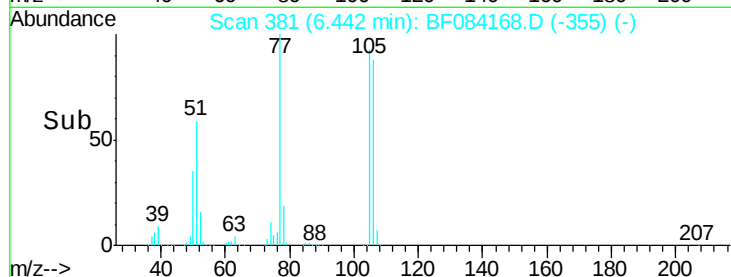
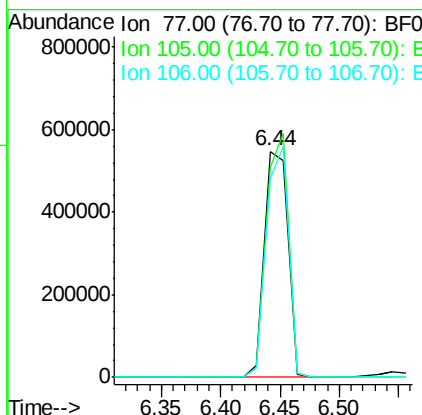
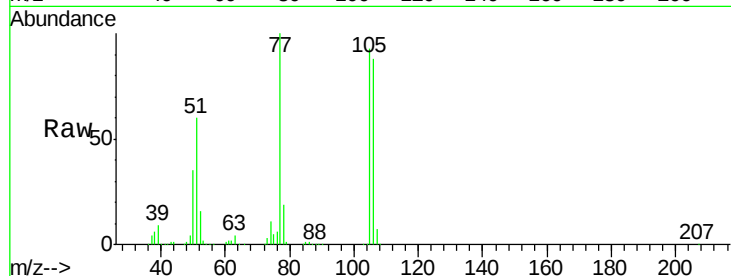
ClientSampleId :

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Tot Ion:	77	Resp:	763678
Ion Ratio	Lower	Upper	
77	100		
105	93.3	73.7	113.7
106	88.1	69.5	109.5

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#10

Phenol

Concen: 57.19 ng

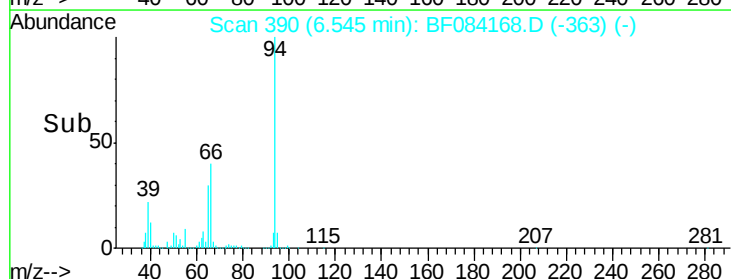
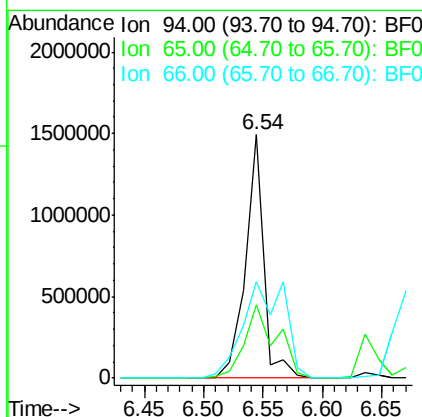
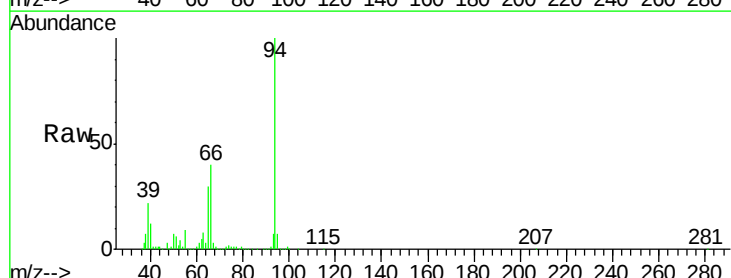
RT: 6.54 min Scan# 390

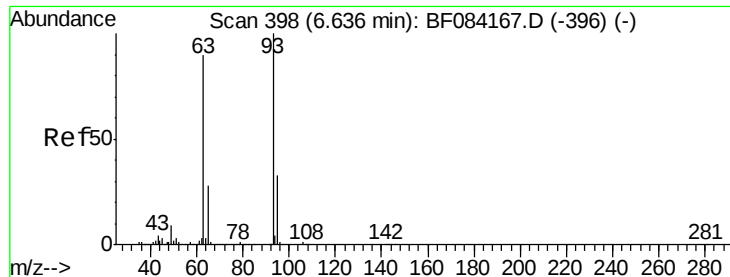
Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion:	94	Resp:	1603378
Ion Ratio	Lower	Upper	
94	100		
65	30.1	15.2	55.2
66	39.8	29.0	69.0





#11

bis(2-Chloroethyl)ether

Concen: 50.81 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 93 Resp: 1031977

Ion Ratio Lower Upper

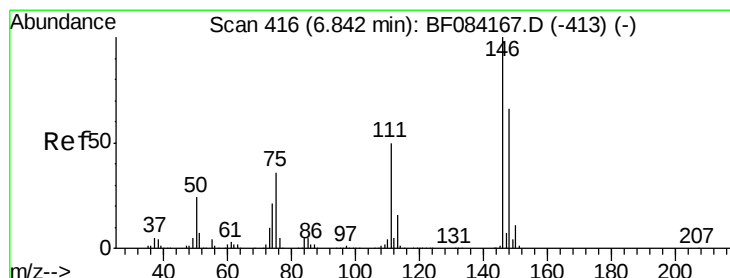
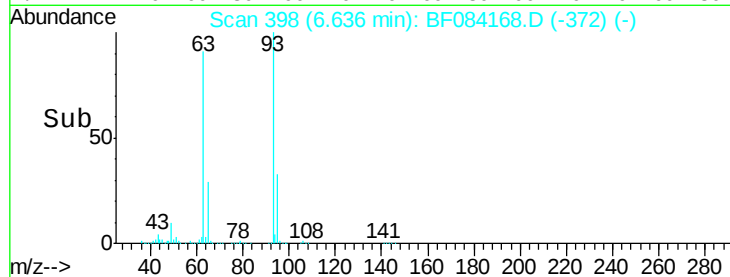
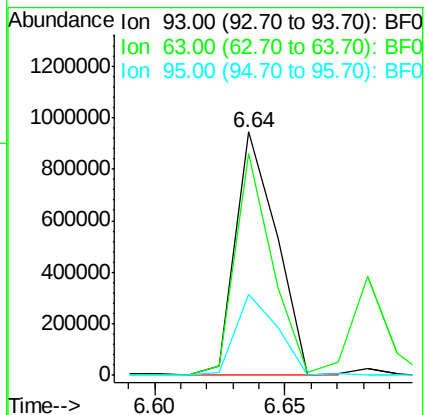
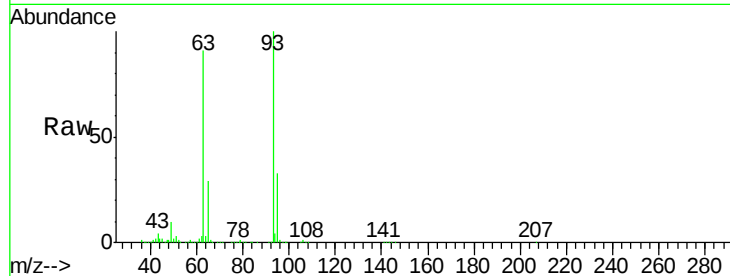
93 100

63 91.0 69.5 109.5

95 33.3 13.5 53.5

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#12

1,3-Dichlorobenzene

Concen: 43.06 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

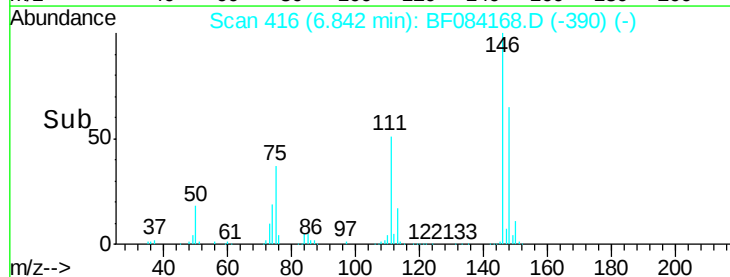
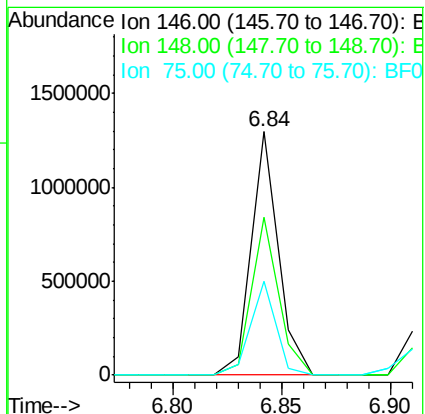
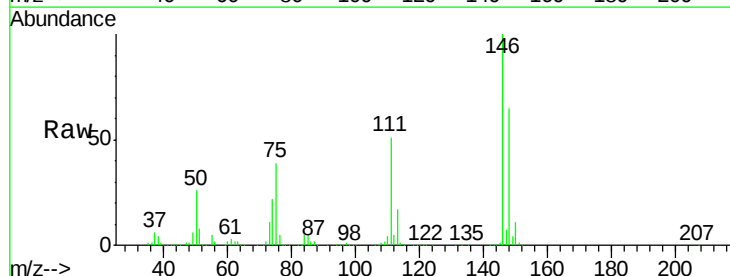
Tgt Ion: 146 Resp: 1123366

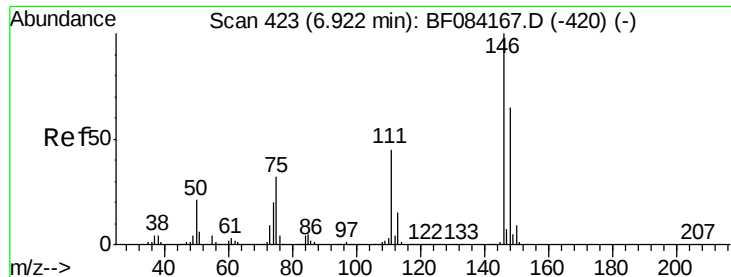
Ion Ratio Lower Upper

146 100

148 64.6 52.6 79.0

75 38.7 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 45.26 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:146 Resp: 1200365

Ion Ratio Lower Upper

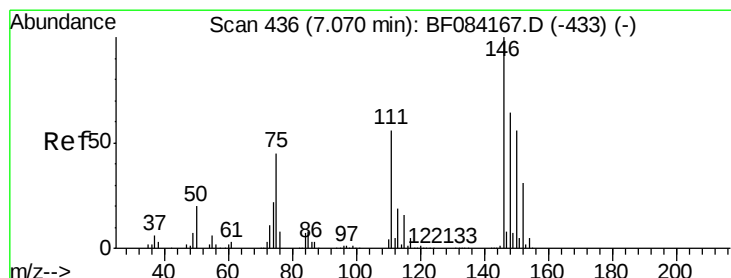
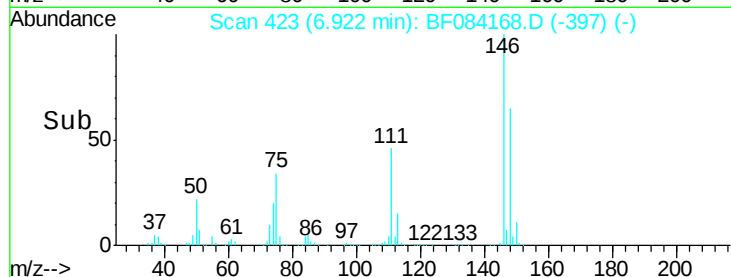
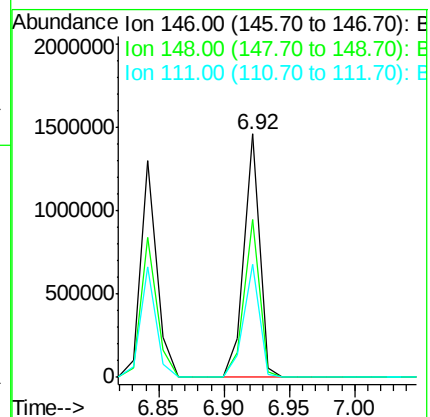
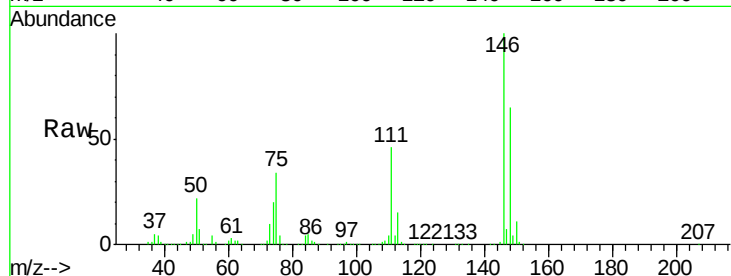
146 100

148 65.0 52.2 78.2

111 46.4 36.2 54.2

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#14

1,2-Dichlorobenzene

Concen: 42.86 ng m

RT: 7.08 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

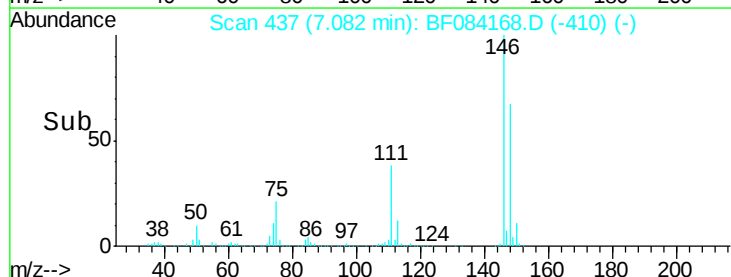
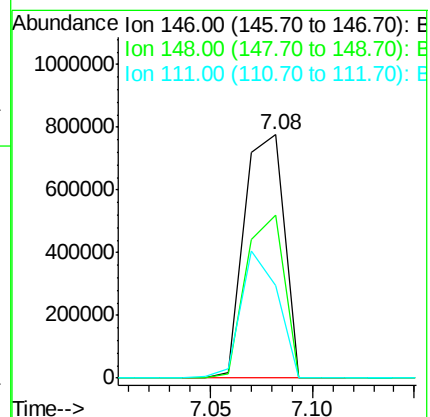
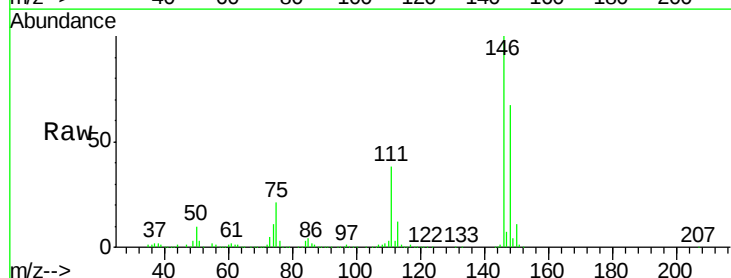
Tgt Ion:146 Resp: 1040494

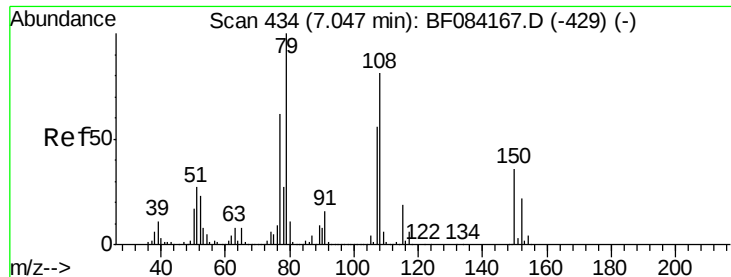
Ion Ratio Lower Upper

146 100

148 66.7 51.3 76.9

111 38.2 45.0 67.4#





#15

Benzyl Alcohol

Concen: 58.58 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 79 Resp: 1122766

Ion Ratio Lower Upper

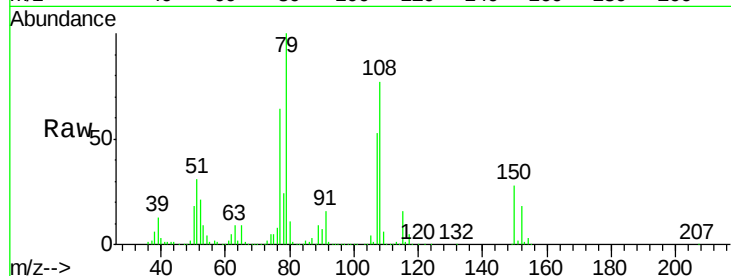
79 100

108 76.7 65.1 97.7

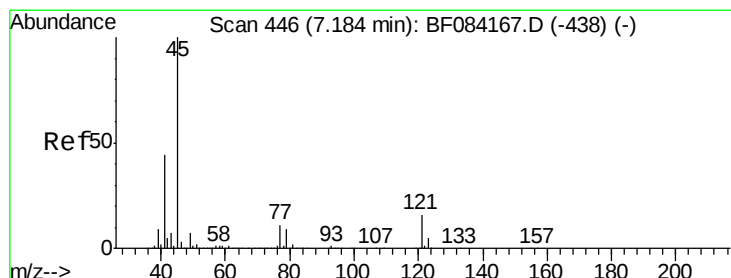
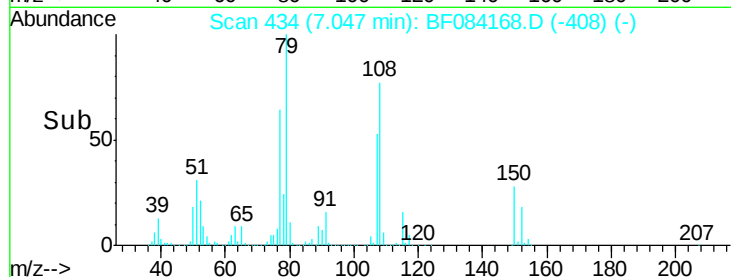
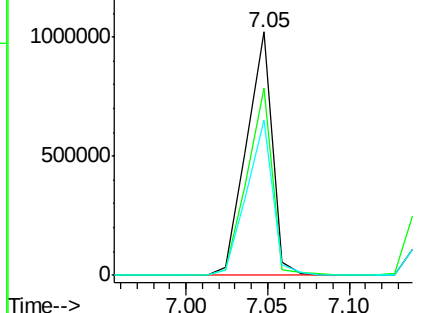
77 63.9 49.8 74.8

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 85.05 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

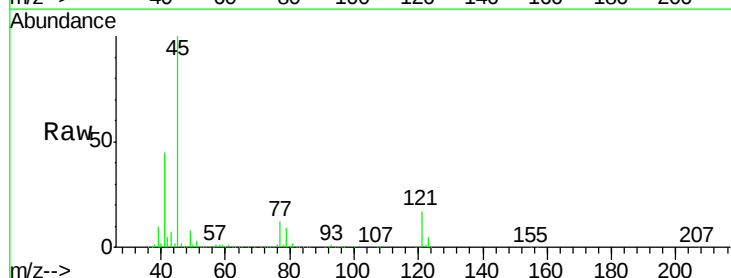
Tgt Ion: 45 Resp: 1929970

Ion Ratio Lower Upper

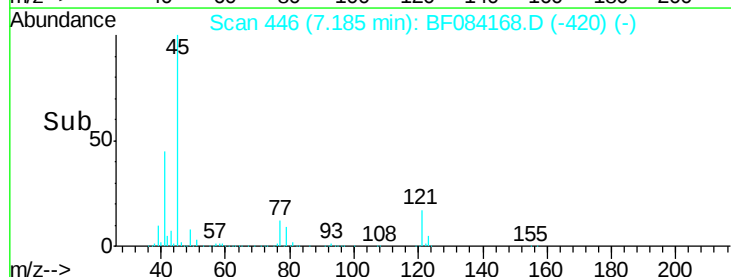
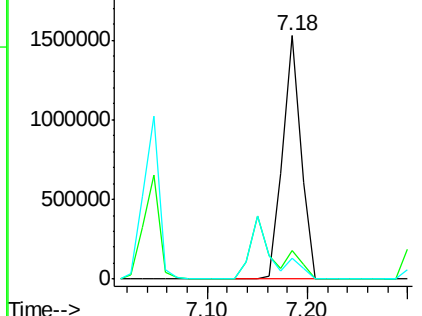
45 100

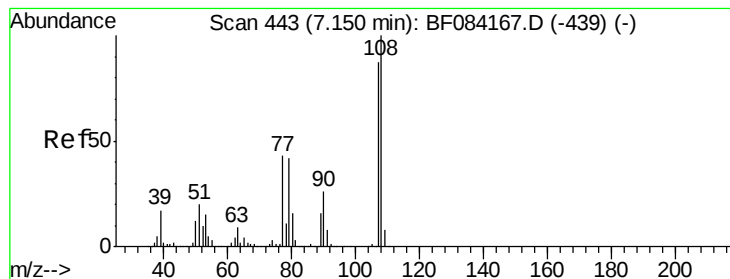
77 11.9 0.0 31.2

79 8.8 0.0 28.8



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





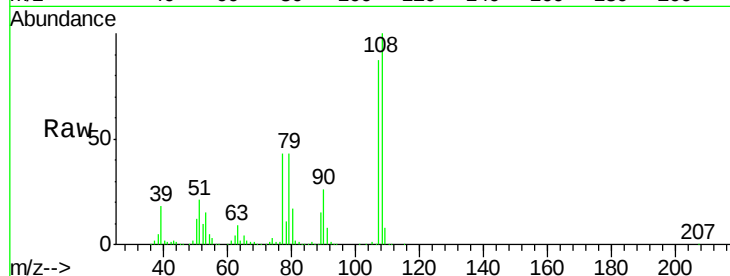
#17
2-Methylphenol
Concen: 50.36 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

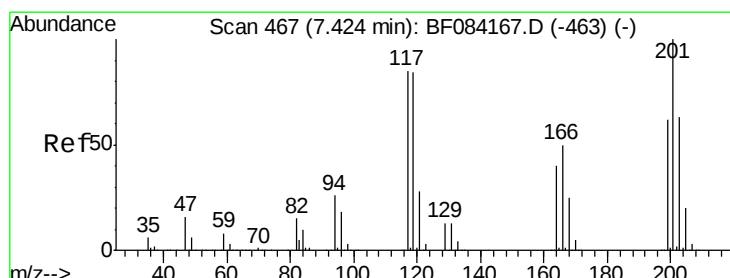
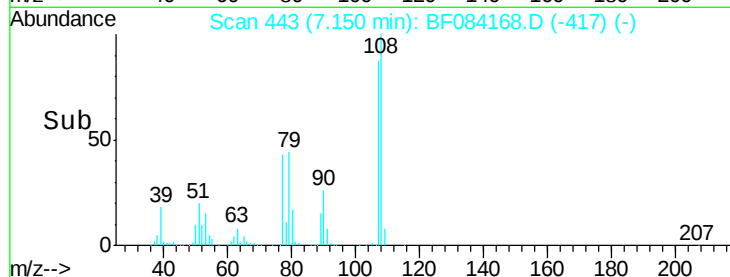
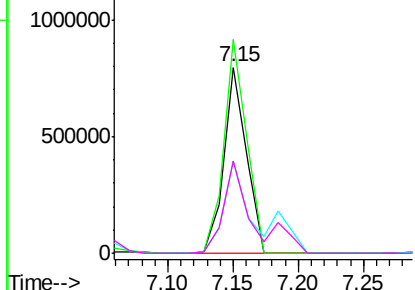
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	92.2	138.2	
77	49.8	39.6	59.4	
79	49.9	38.9	58.3	

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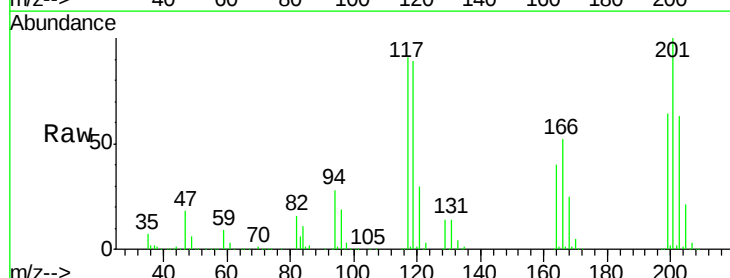


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

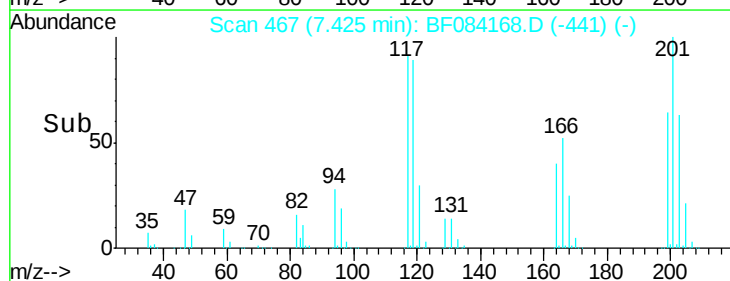
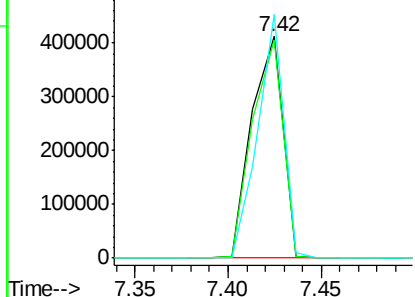


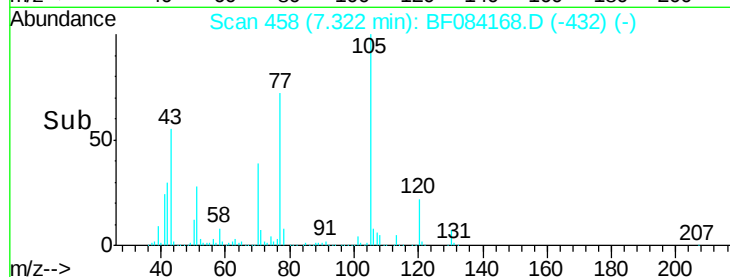
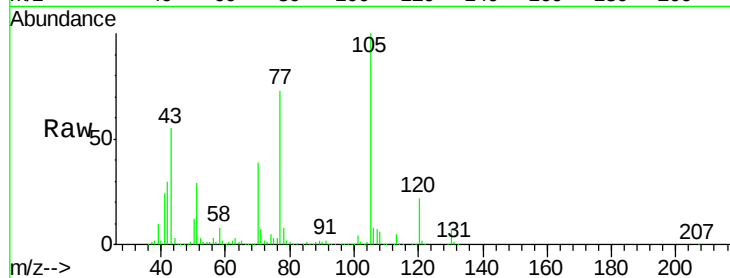
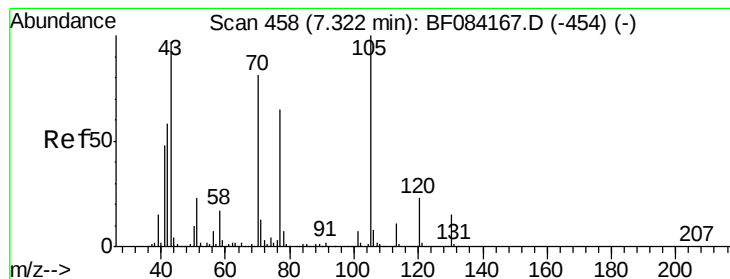
#18
Hexachloroethane
Concen: 48.97 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	79.2	118.8	
201	109.9	93.9	140.9	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 54.47 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 70 Resp: 834494

Ion Ratio Lower Upper

70 100

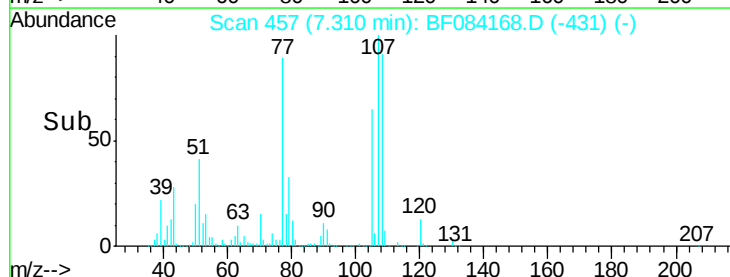
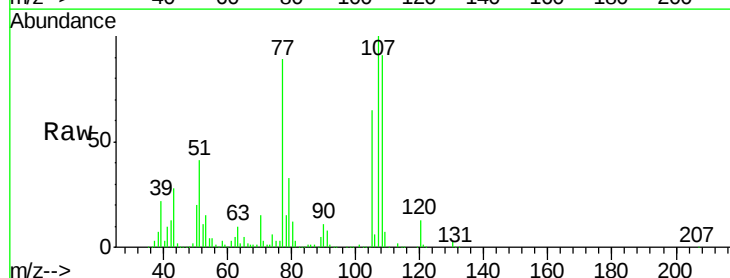
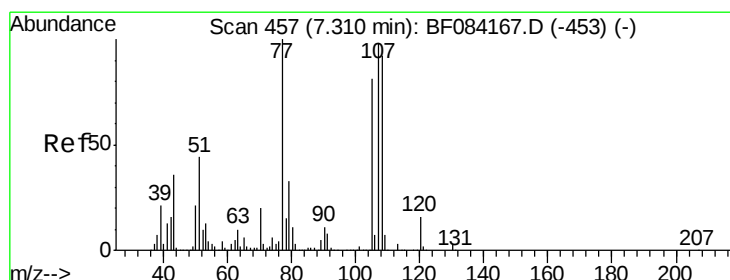
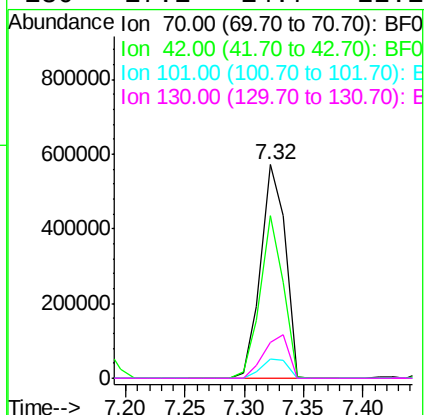
42 76.3 57.4 86.0

101 9.2 7.3 10.9

130 17.1 14.7 22.1

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#20

3+4-Methylphenols

Concen: 43.94 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion: 107 Resp: 1056556

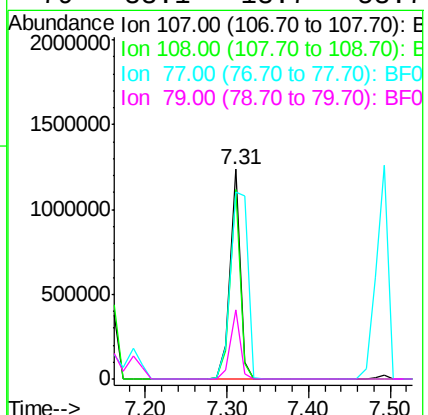
Ion Ratio Lower Upper

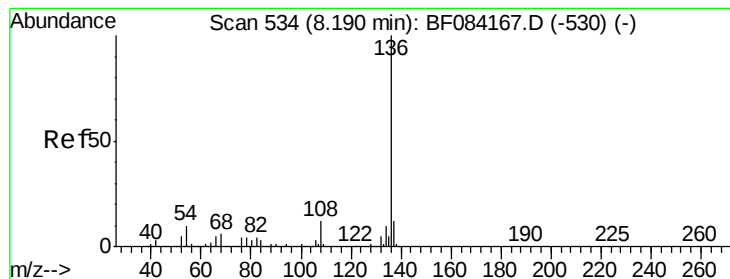
107 100

108 90.7 74.5 114.5

77 89.2 82.4 122.4

79 33.1 13.7 53.7





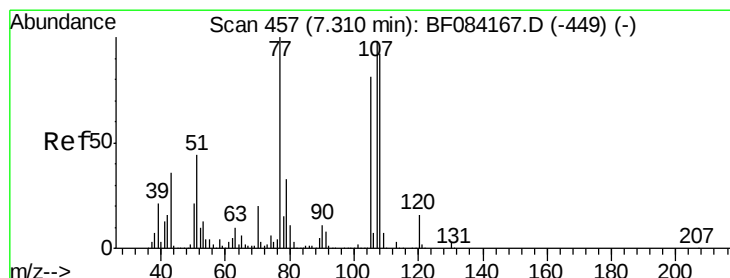
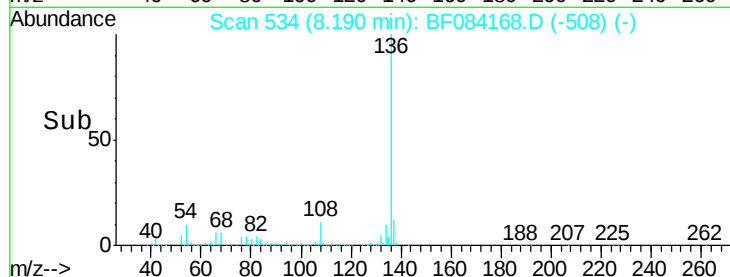
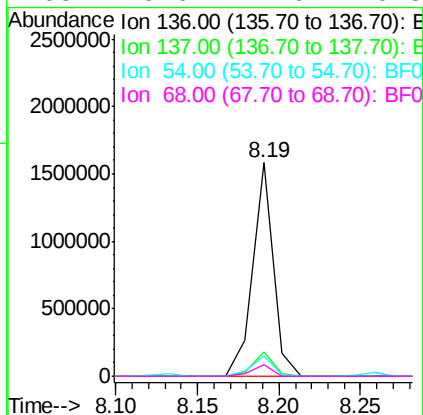
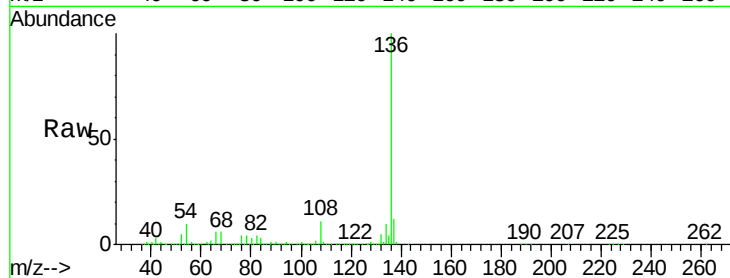
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	136	Resp	1387192
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	9.9	7.6	11.4
68	5.6	4.6	6.8

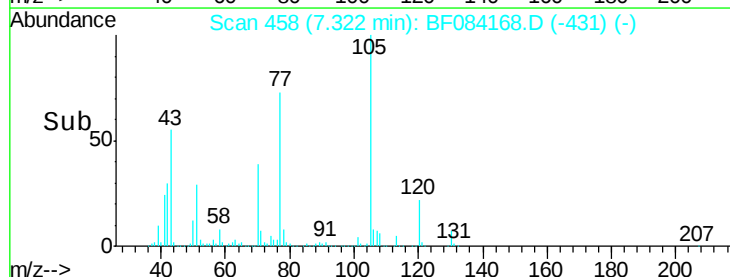
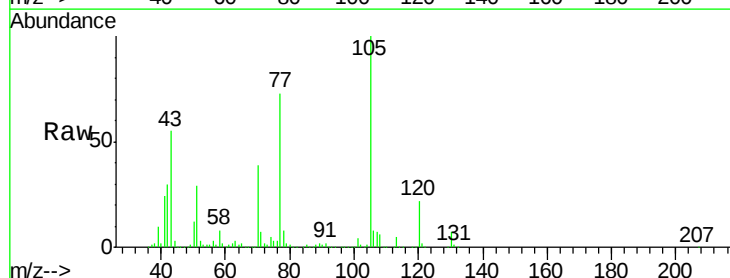
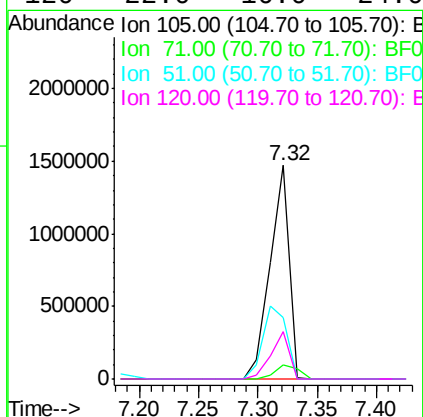
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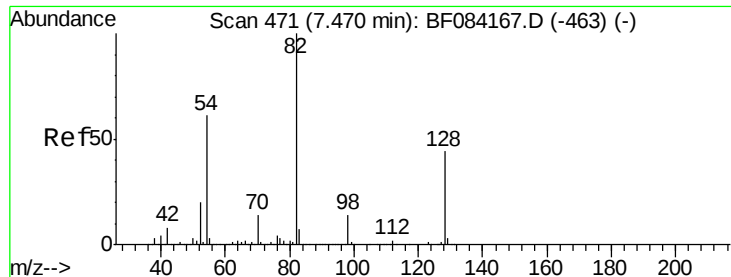
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#22
Acetophenone
Concen: 48.22 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	105	Resp	1658630
Ion	Ratio	Lower	Upper
105	100		
71	6.5	3.2	4.8#
51	28.9	43.2	64.8#
120	22.0	16.0	24.0





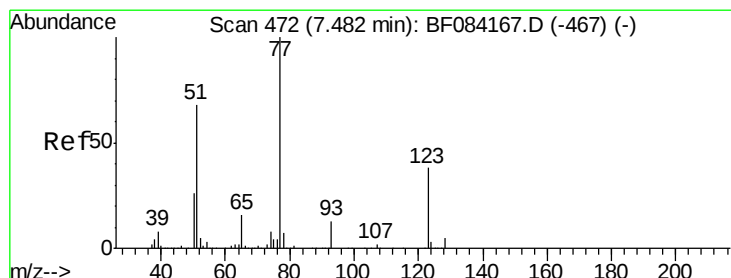
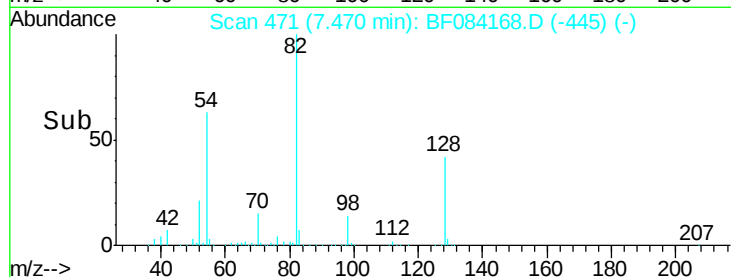
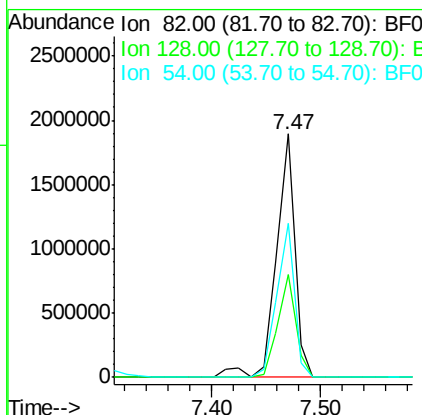
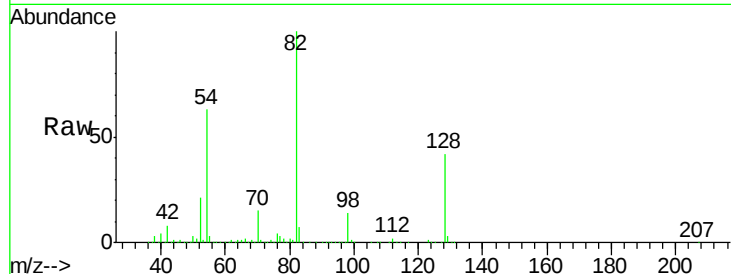
#23
 Nitrobenzene-d5
 Concen: 93.26 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084168.D
 Acq: 31 Dec 2015 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.0	52.4
54	63.0	48.5	72.7

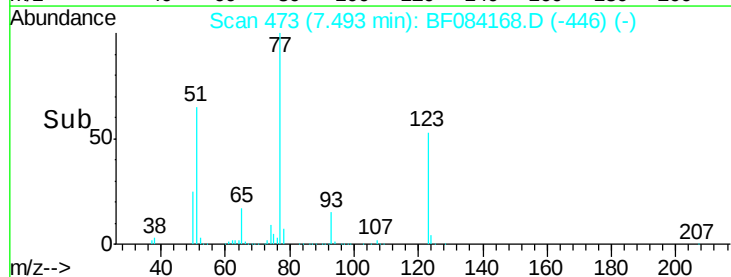
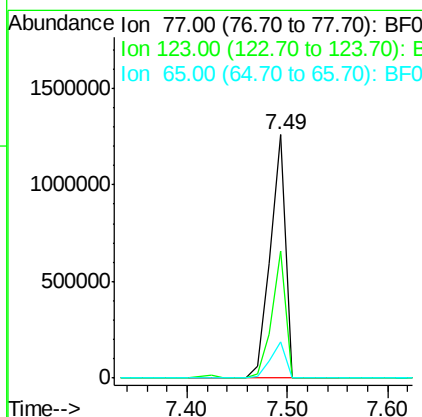
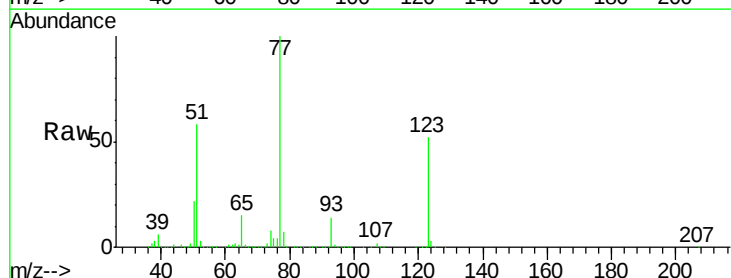
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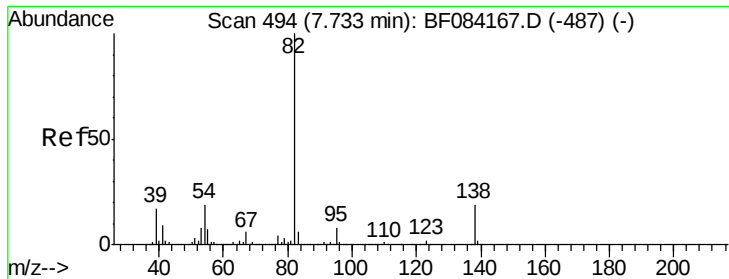
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#24
 Nitrobenzene
 Concen: 52.95 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.01 min
 Lab File: BF084168.D
 Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	31.3	46.9#
65	14.7	12.6	19.0





#25

Isophorone

Concen: 50.89 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

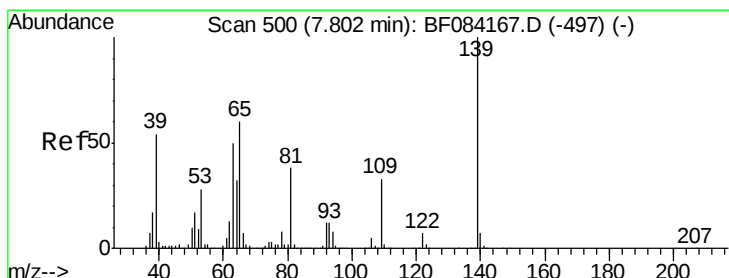
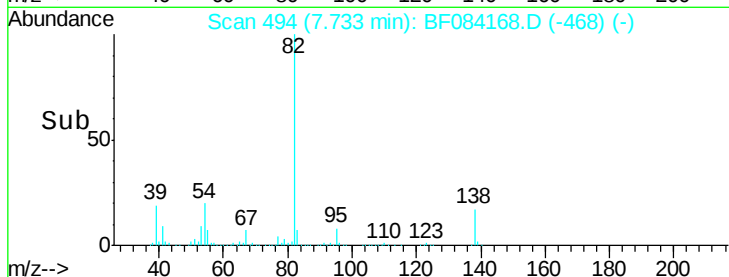
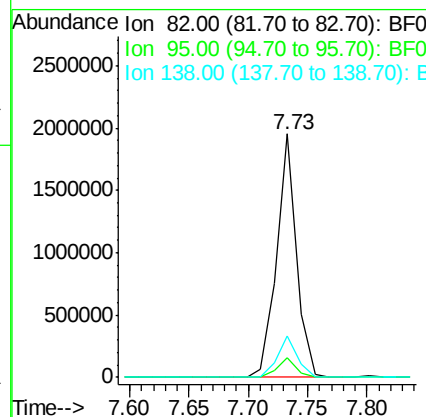
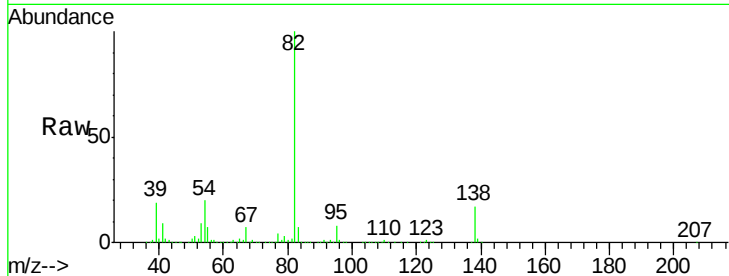
ClientSampleId :

SSTDICC050

Tot Ion:	82	Resp:	2267942
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.5	9.7
138	17.3	15.1	22.7

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#26

2-Nitrophenol

Concen: 40.49 ng

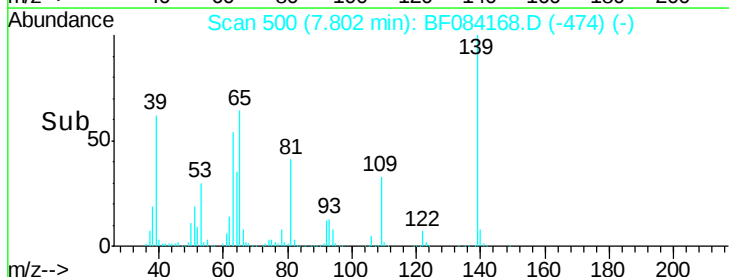
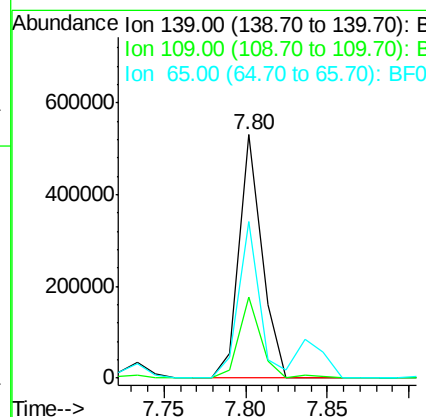
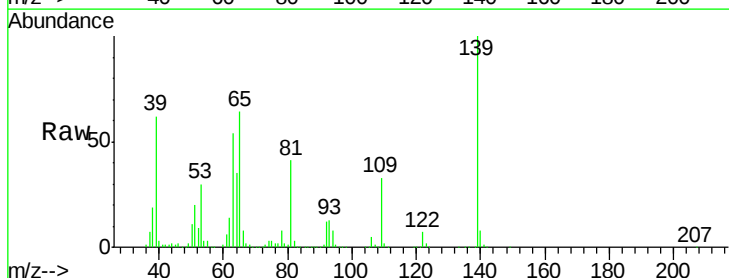
RT: 7.80 min Scan# 500

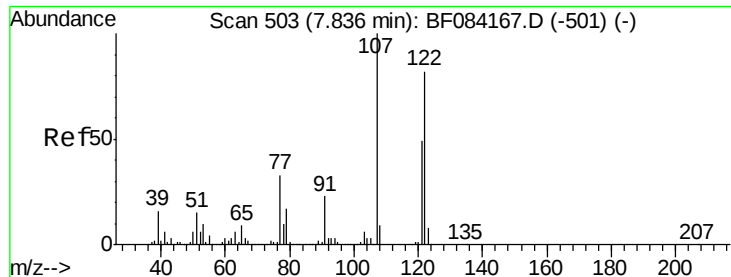
Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion:	139	Resp:	510769
Ion	Ratio	Lower	Upper
139	100		
109	33.5	26.2	39.4
65	64.1	48.2	72.4





#27

2,4-Dimethylphenol

Concen: 50.75 ng/mL

RT: 7.85 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 122 Resp: 1070689

Ion Ratio Lower Upper

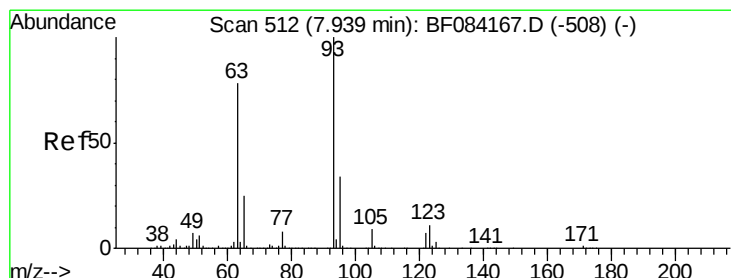
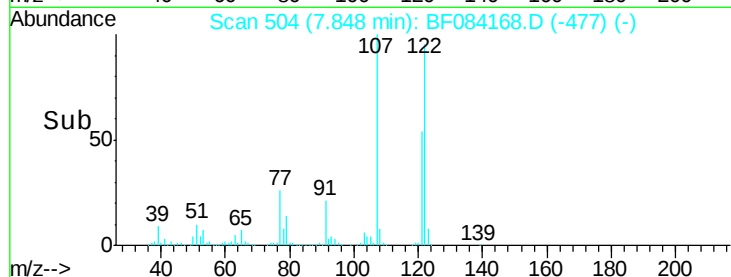
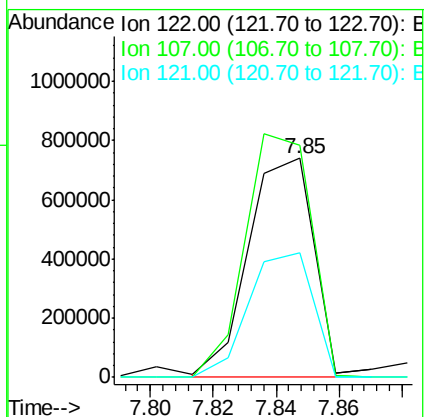
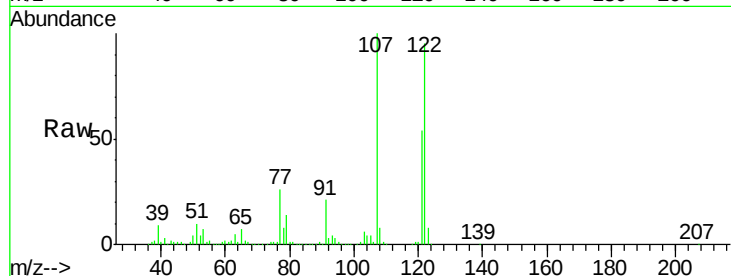
122 100

107 105.8 96.8 145.2

121 56.7 47.0 70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 48.61 ng/mL

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

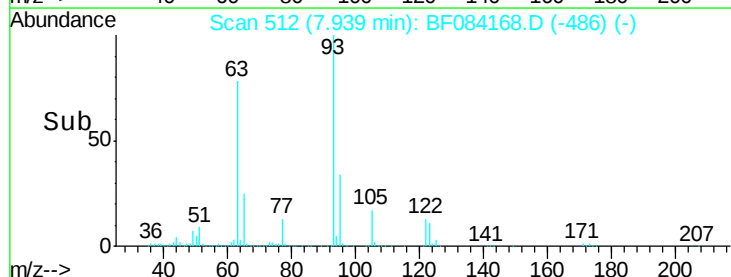
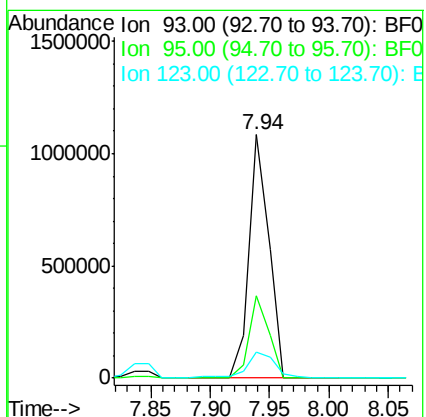
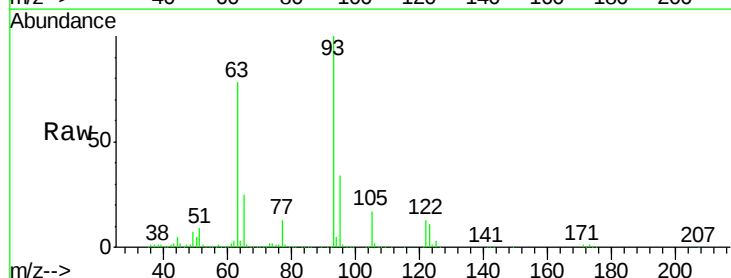
Tgt Ion: 93 Resp: 1269957

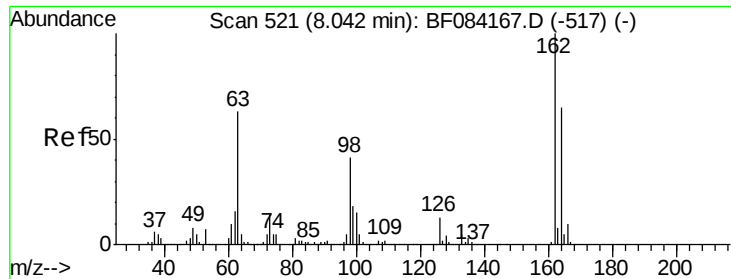
Ion Ratio Lower Upper

93 100

95 33.7 27.1 40.7

123 10.8 8.8 13.2





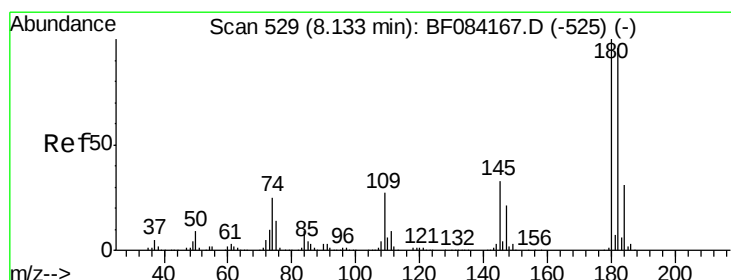
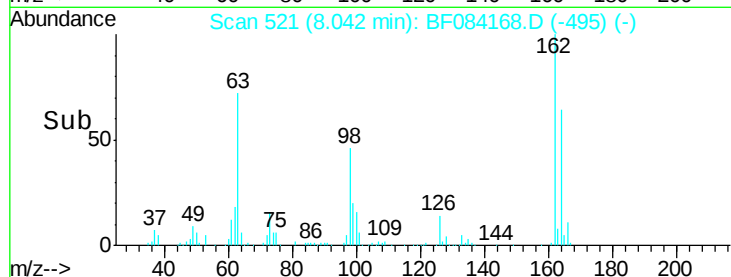
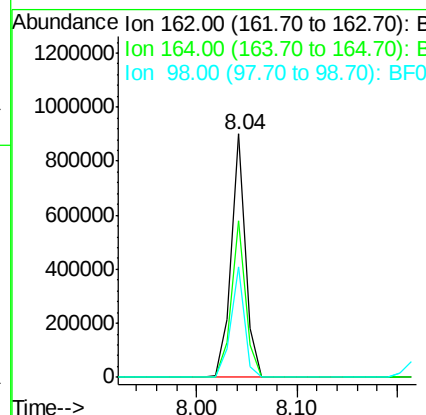
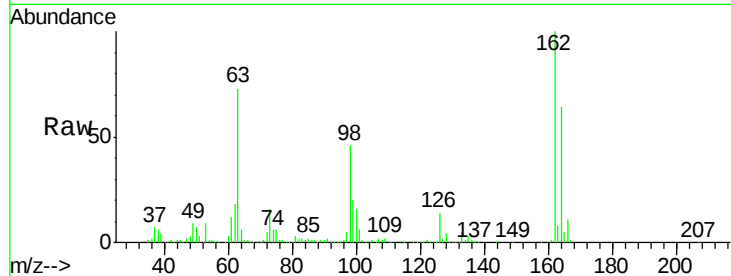
#29
2,4-Dichlorophenol
Concen: 44.80 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	895368		
164	64.4	45.2	85.2	
98	45.6	21.4	61.4	

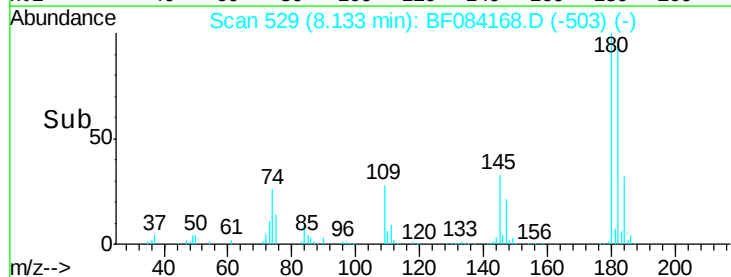
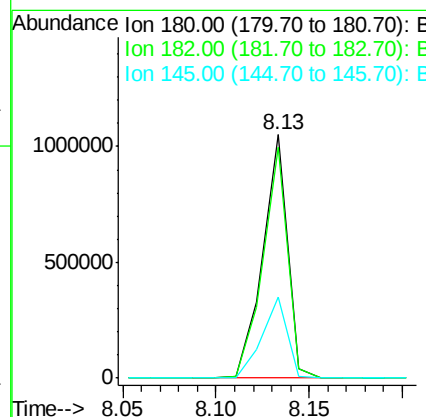
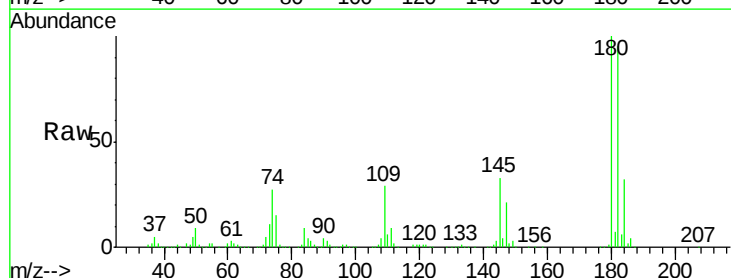
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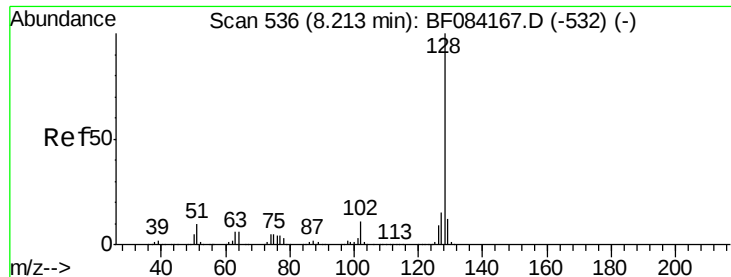
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#30
1,2,4-Trichlorobenzene
Concen: 45.26 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	978433		
182	94.7	76.6	114.8	
145	33.5	26.2	39.4	





#31

Naphthalene

Concen: 40.09 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 2908440

Ion Ratio Lower Upper

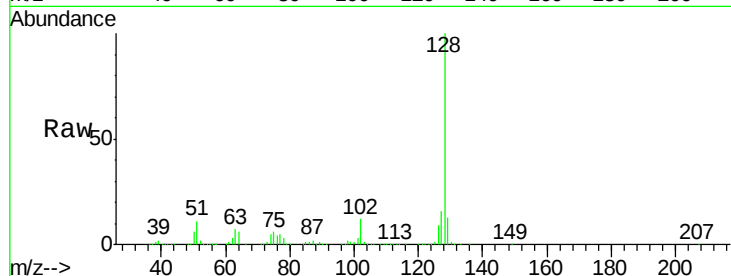
128 100

129 12.9 10.0 15.0

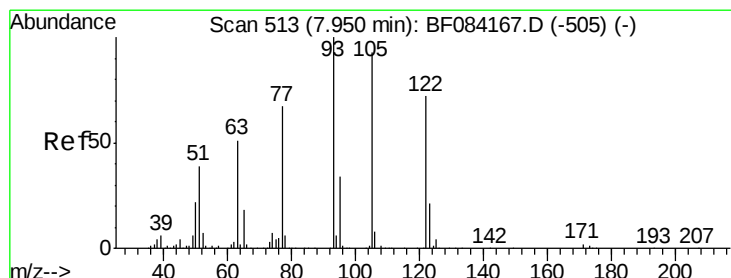
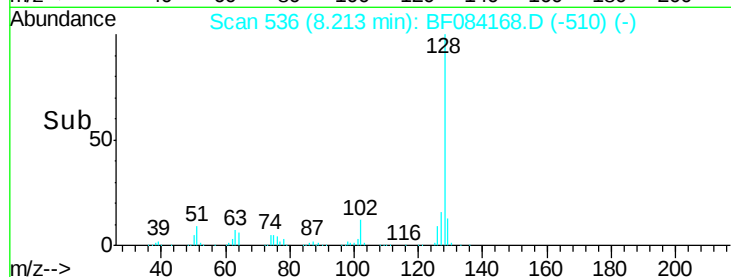
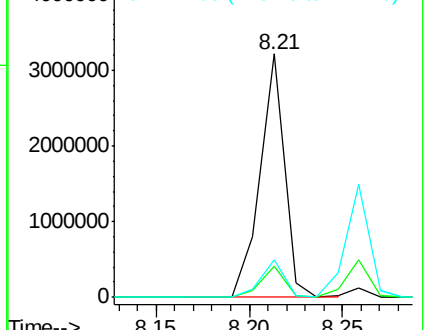
127 15.7 12.0 18.0

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



#32

Benzoic acid

Concen: 70.61 ng m

RT: 7.96 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

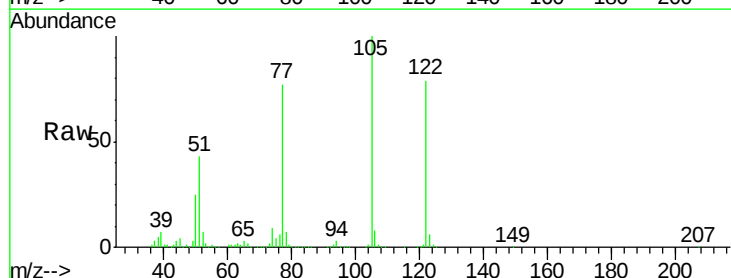
Tgt Ion:122 Resp: 805056

Ion Ratio Lower Upper

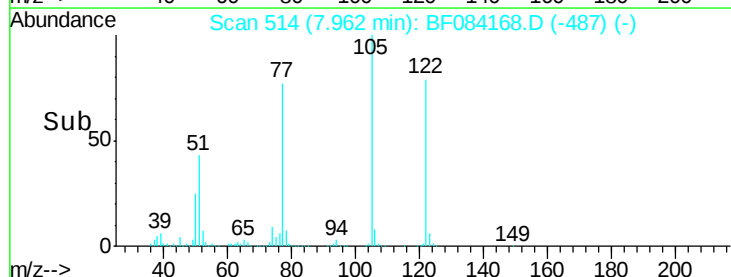
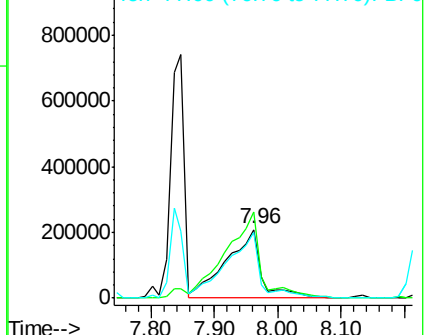
122 100

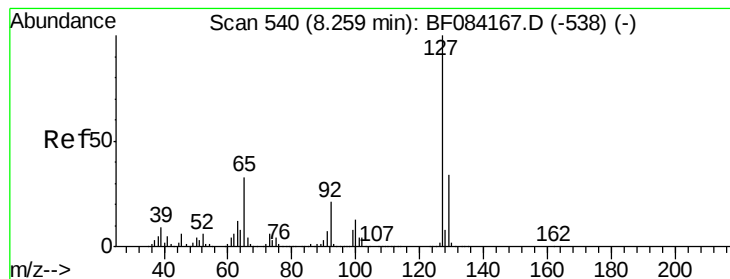
105 126.2 108.6 148.6

77 96.8 74.1 114.1



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





#33

4-Chloroaniline

Concen: 44.27 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:127 Resp: 1319768

Ion Ratio Lower Upper

127 100

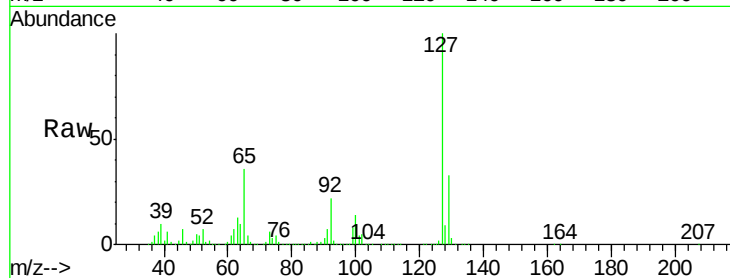
129 33.5 27.0 40.6

65 36.3 26.6 40.0

92 21.8 16.5 24.7

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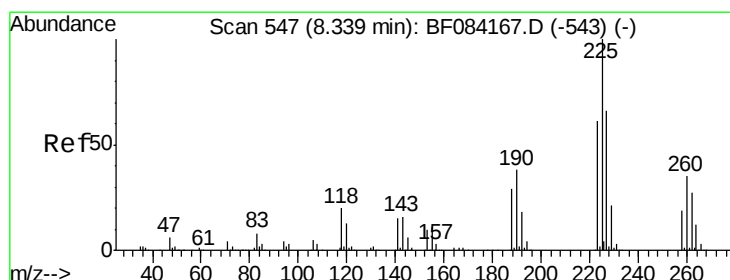
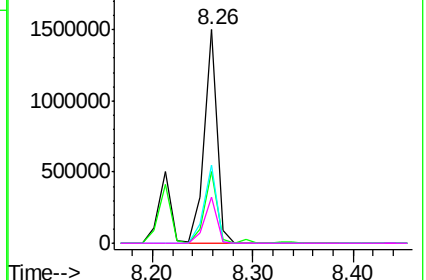
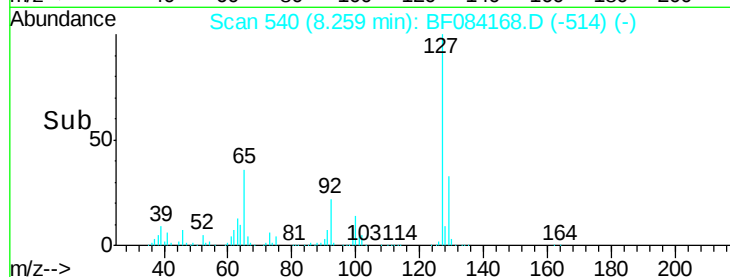


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 45.35 ng

RT: 8.34 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

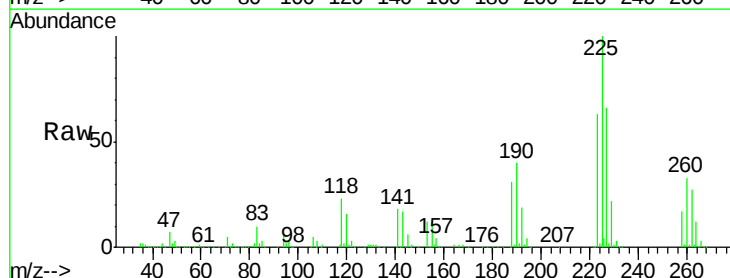
Tgt Ion:225 Resp: 563946

Ion Ratio Lower Upper

225 100

223 62.6 49.0 73.6

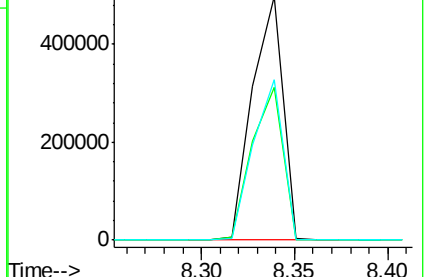
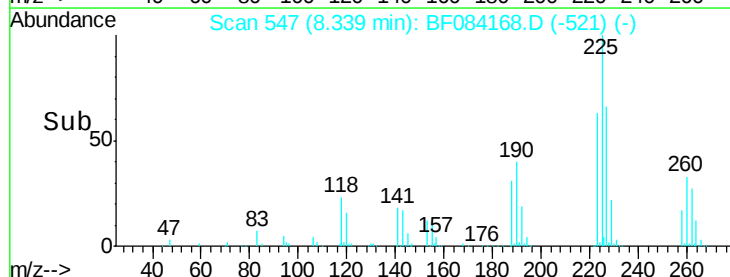
227 65.7 53.0 79.4

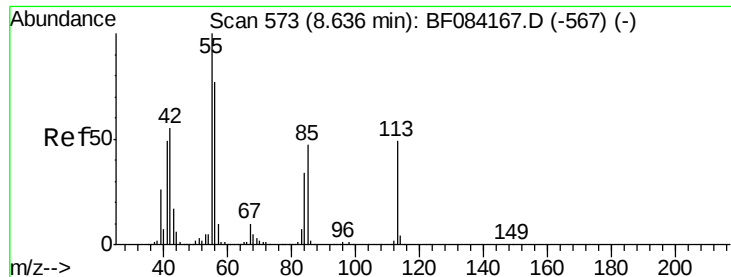


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 59.92 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

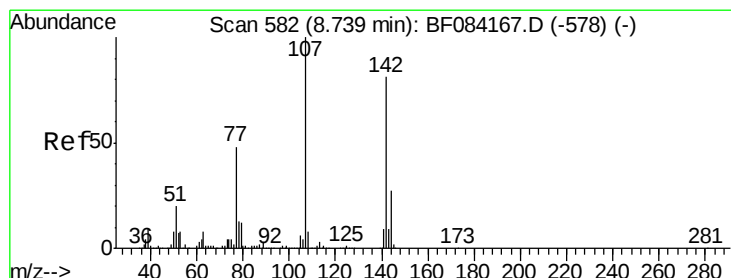
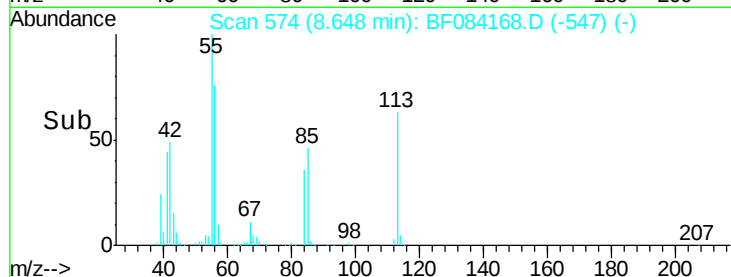
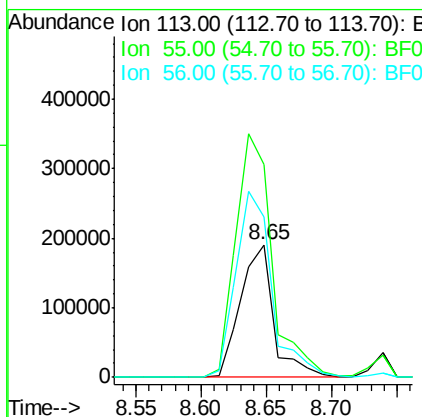
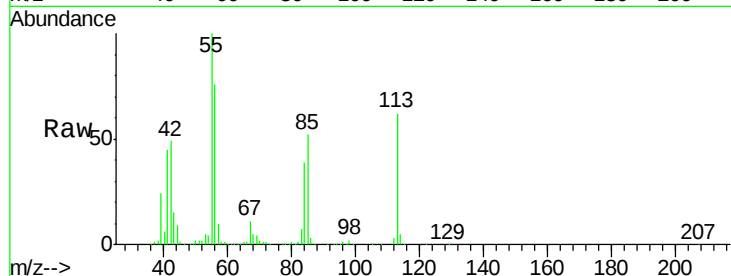
ClientSampleId :

SSTDIC050

Tot Ion:	113	Resp:	338673
Ion Ratio	Lower	Upper	
113	100		
55	160.3	186.0	226.0#
56	121.2	138.7	178.7#

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#36

4-Chloro-3-methylphenol

Concen: 48.73 ng

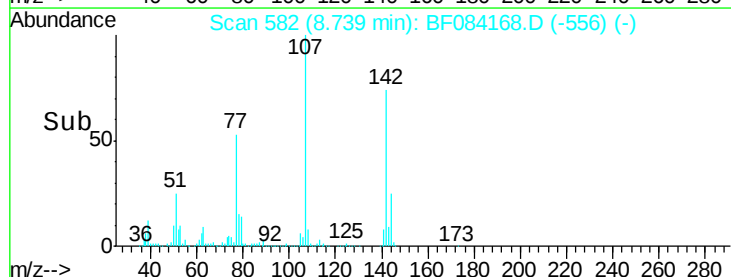
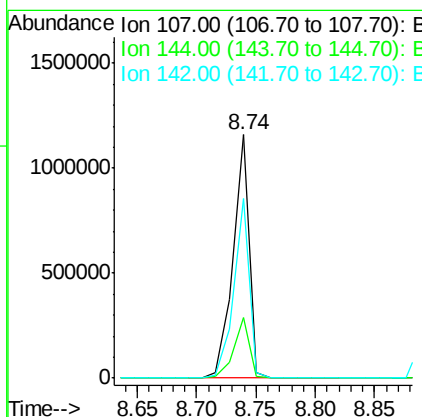
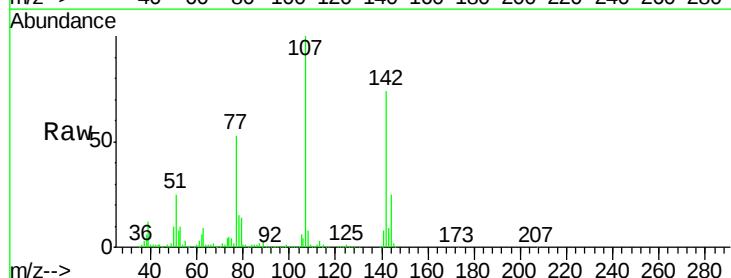
RT: 8.74 min Scan# 582

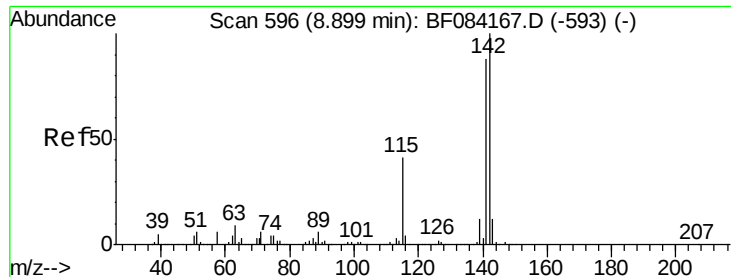
Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion:	107	Resp:	1090993
Ion Ratio	Lower	Upper	
107	100		
144	24.7	21.4	32.2
142	73.8	65.0	97.4





#37

2-Methylnaphthalene

Concen: 43.91 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:142 Resp: 2026657

Ion Ratio Lower Upper

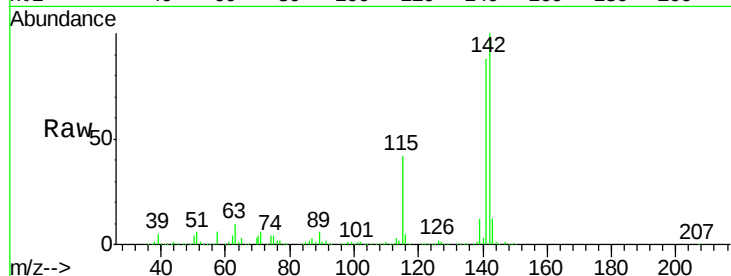
142 100

141 88.2 70.7 106.1

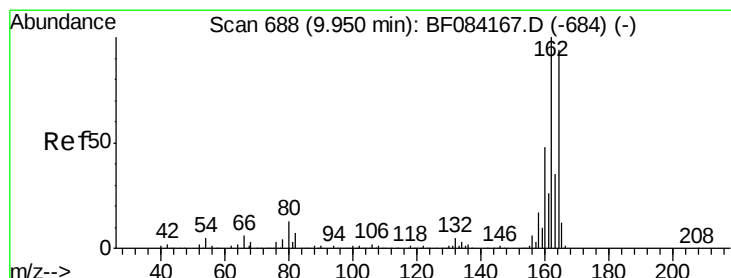
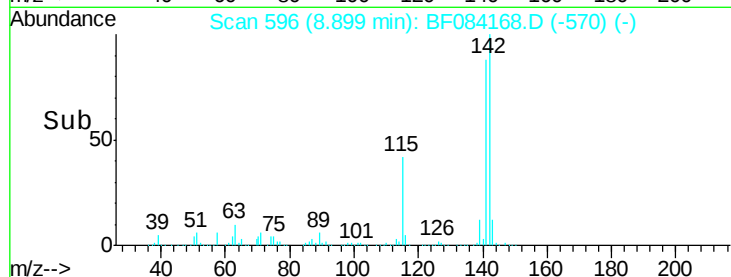
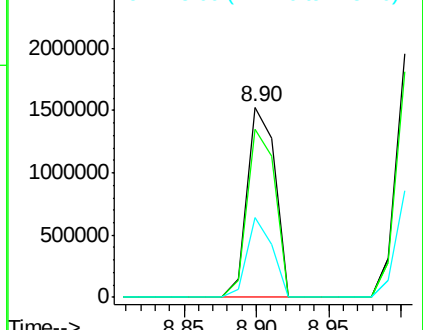
115 41.8 33.2 49.8

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

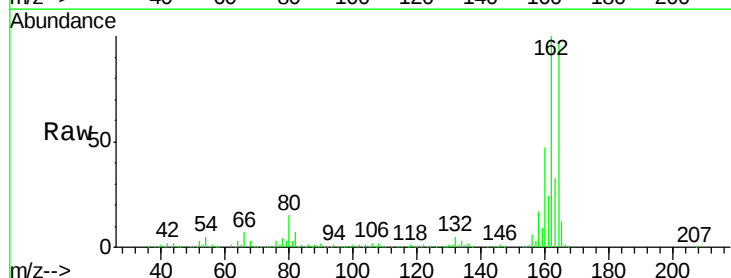
Tgt Ion:164 Resp: 649213

Ion Ratio Lower Upper

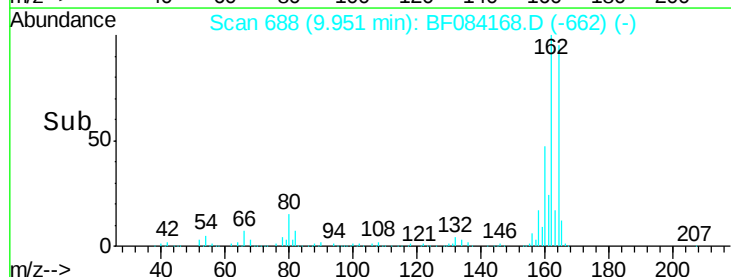
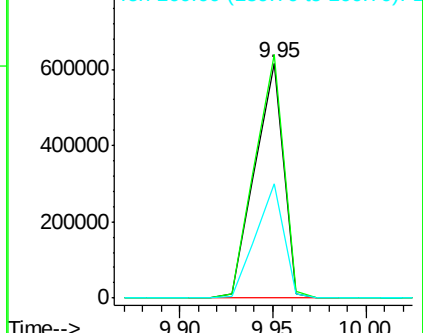
164 100

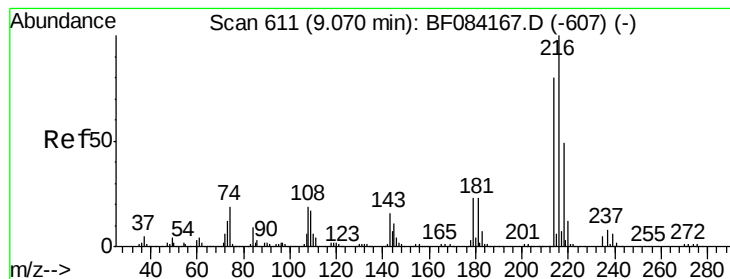
162 103.6 84.8 127.2

160 48.7 40.4 60.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.89 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

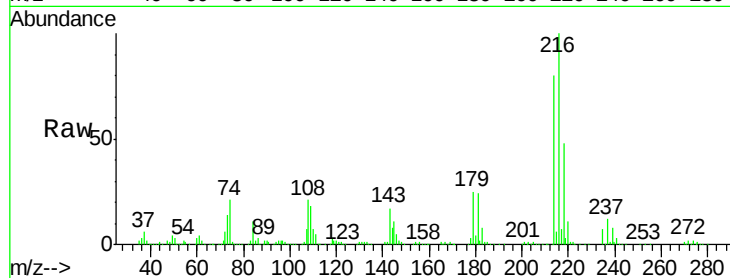
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		869395		
214	80.0		63.7	95.5	
179	24.9		19.1	28.7	
108	25.1		18.9	28.3	

Manual Integrations
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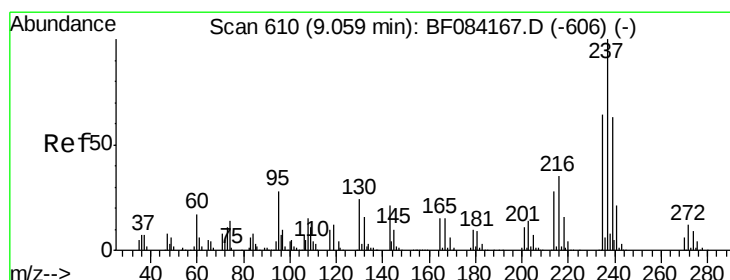
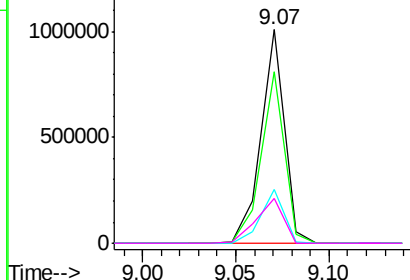
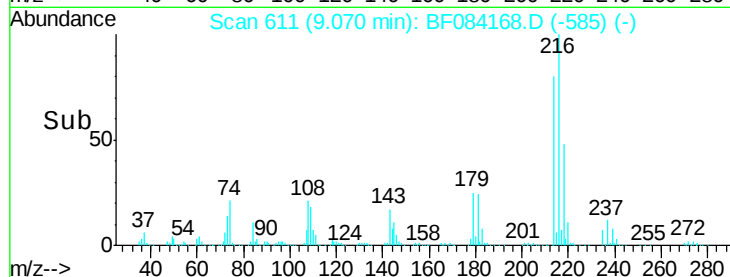
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.38 ng

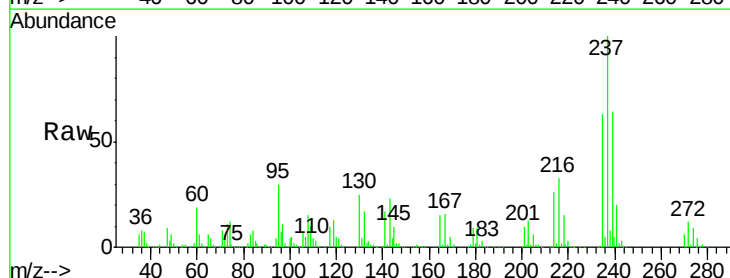
RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		545462		
235	63.4		44.4	84.4	
272	11.8		0.0	31.9	

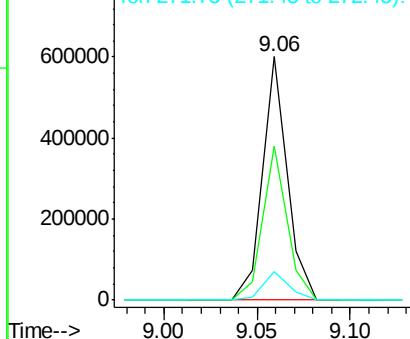
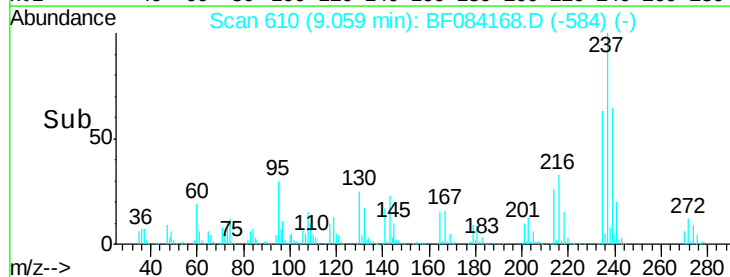


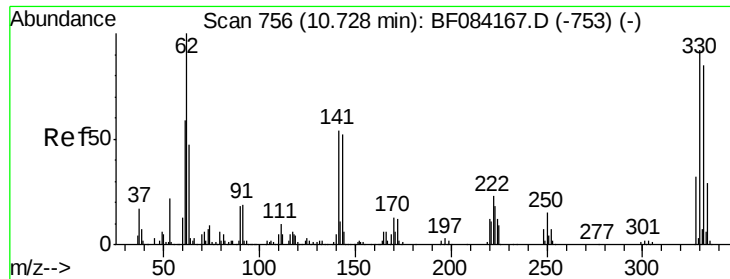
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





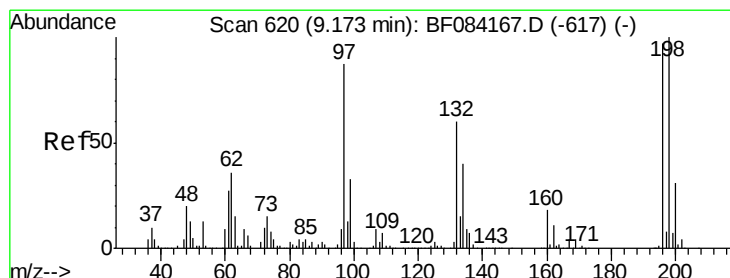
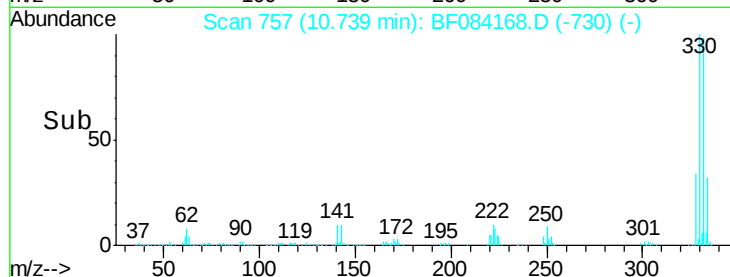
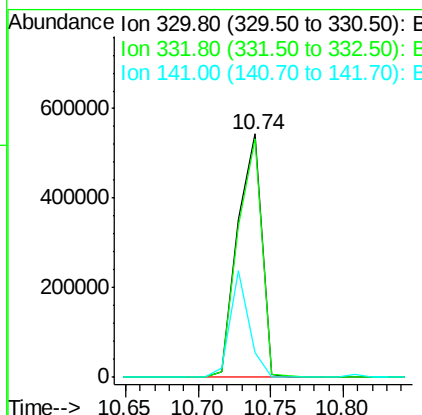
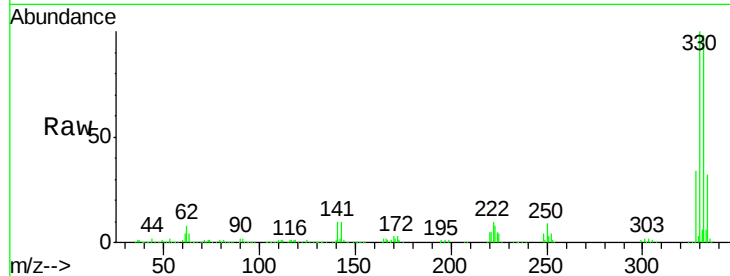
#41
 2,4,6-Tribromophenol
 Concen: 91.19 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF084168.D
 Acq: 31 Dec 2015 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.2
141	34.6	31.3	46.9

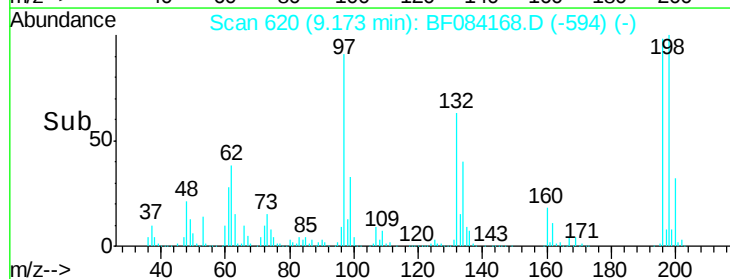
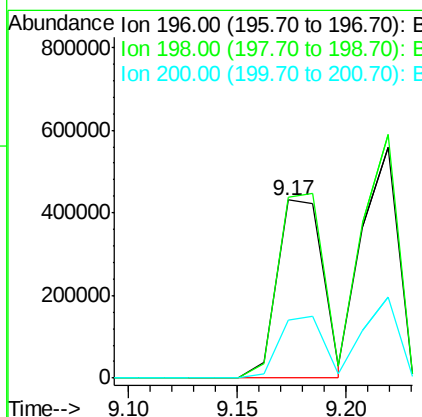
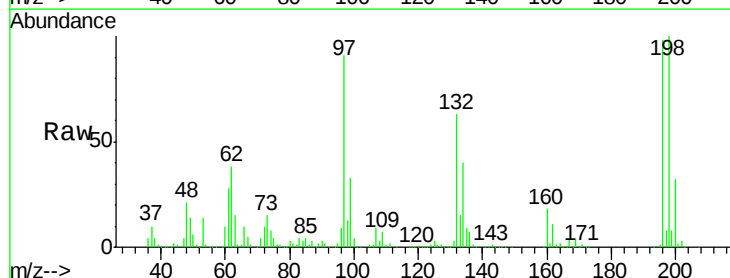
Manual Integrations
 APPROVED

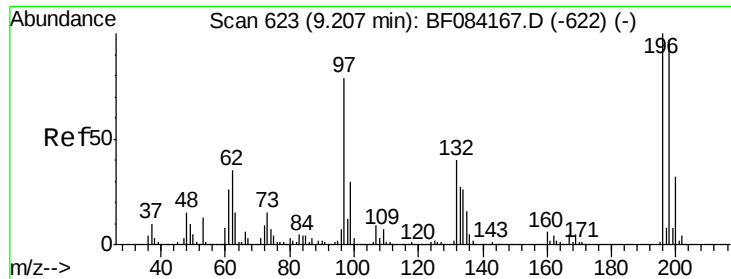
Sohil
 12/31/2015 6:41:22 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.28 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF084168.D
 Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	82.5	123.7
200	32.4	25.8	38.8





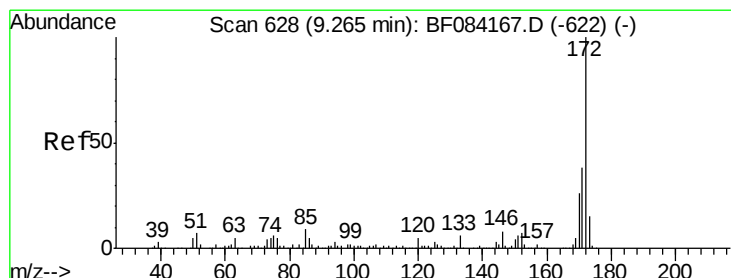
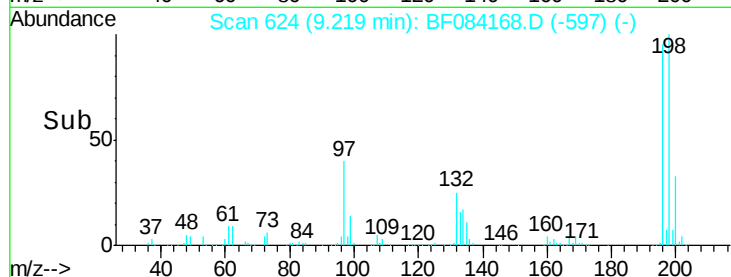
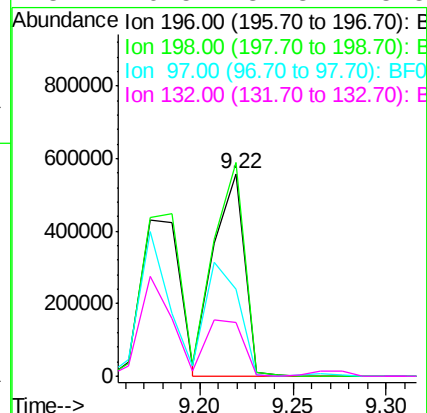
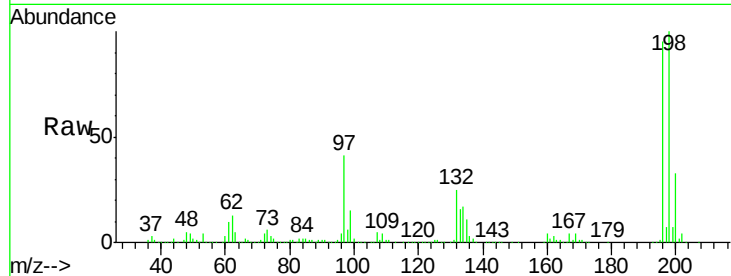
#43
 2,4,5-Trichlorophenol
 Concen: 48.13 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF084168.D
 Acq: 31 Dec 2015 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	642828		
198	105.4	78.2	117.4	
97	43.0	64.9	97.3	
132	26.5	32.3	48.5	

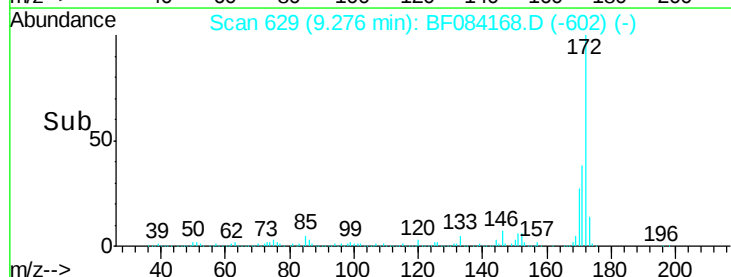
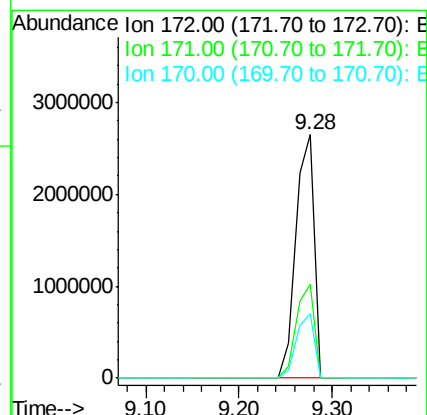
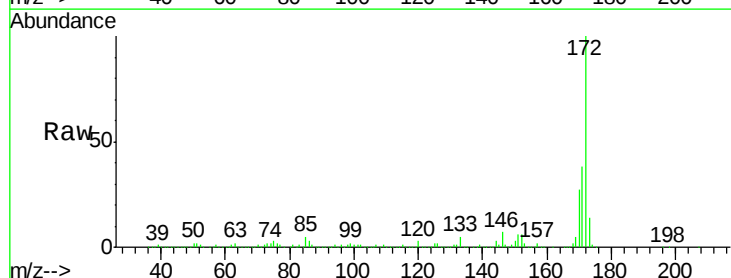
Manual Integrations
 APPROVED

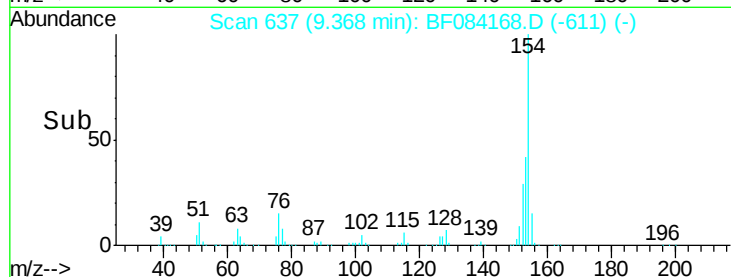
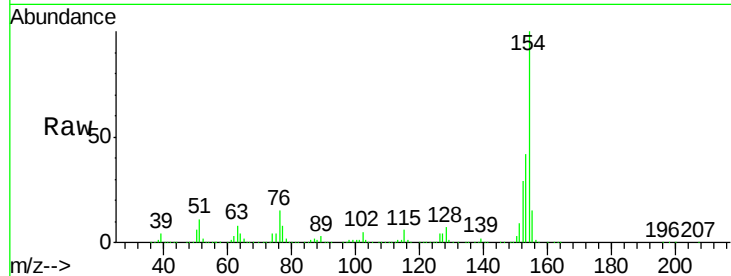
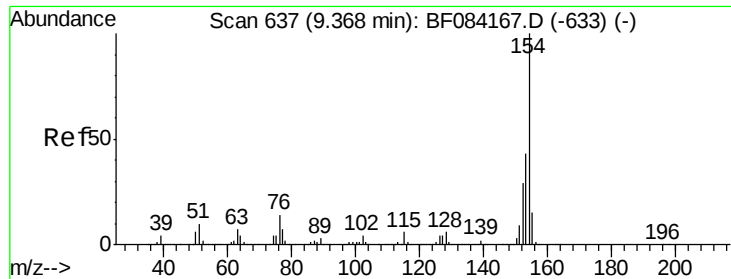
Sohil
 12/31/2015 6:41:22 PM



#44
 2-Fluorobiphenyl
 Concen: 78.00 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF084168.D
 Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3615248		
171	38.5	30.6	46.0	
170	26.6	20.6	30.8	





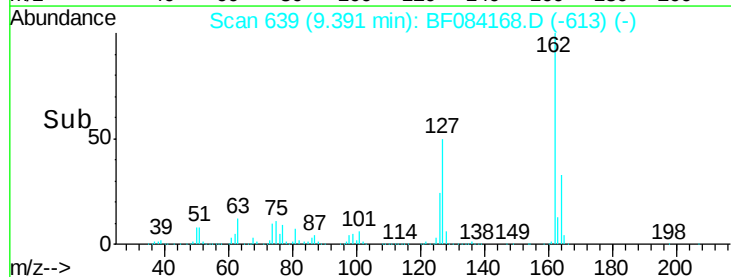
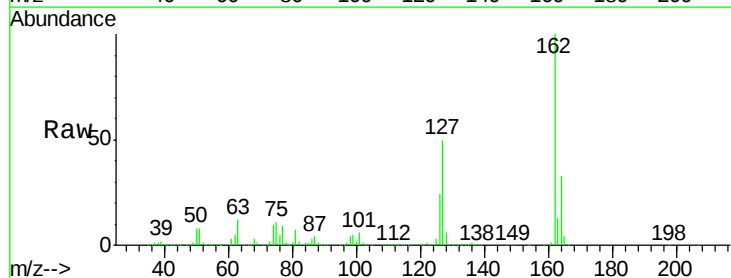
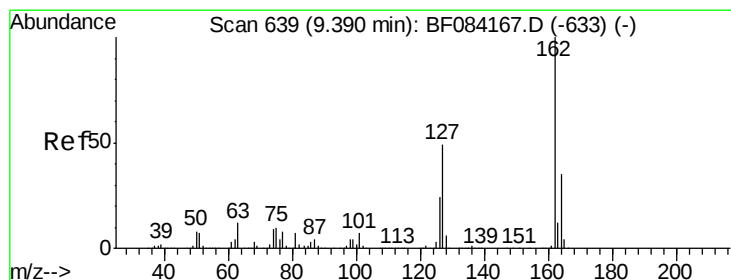
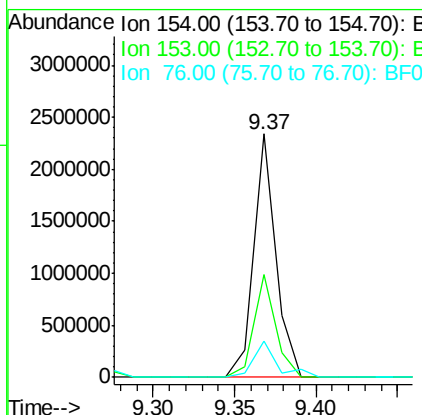
#45
1,1'-Biphenyl
Concen: 38.61 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.4	63.4
76	15.1	0.0	34.2

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

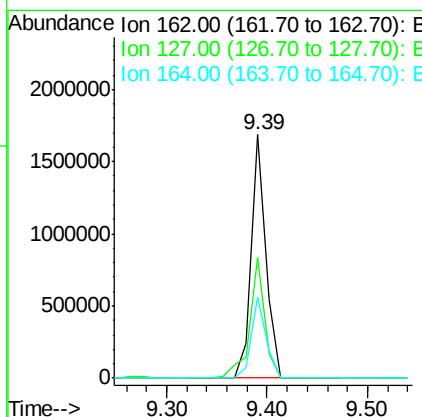
Manual Integrations
APPROVED

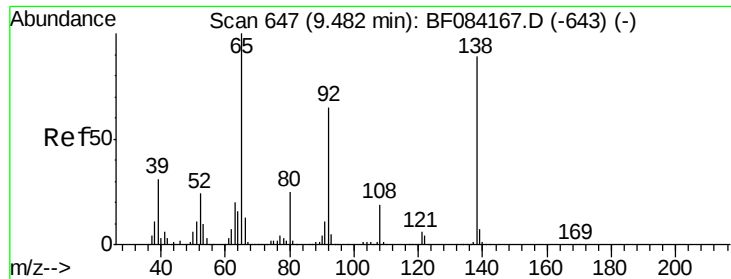
Sohil
12/31/2015 6:41:22 PM



#46
2-Chloronaphthalene
Concen: 39.25 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	49.6	39.4	59.0
164	33.4	27.8	41.6





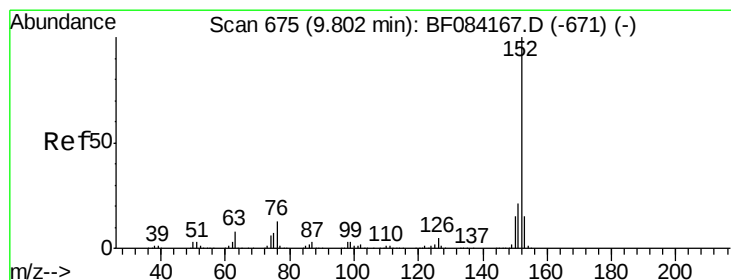
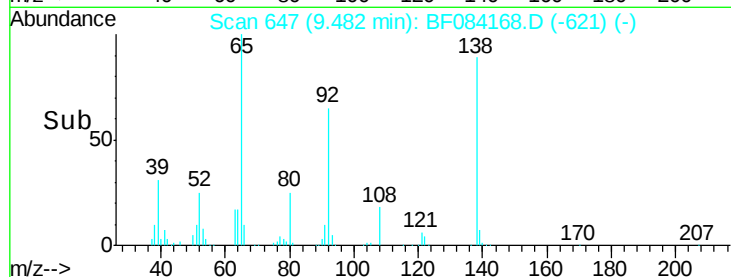
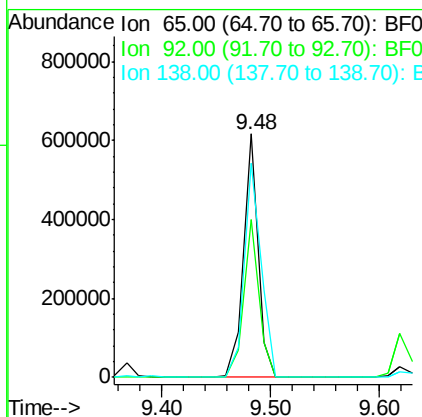
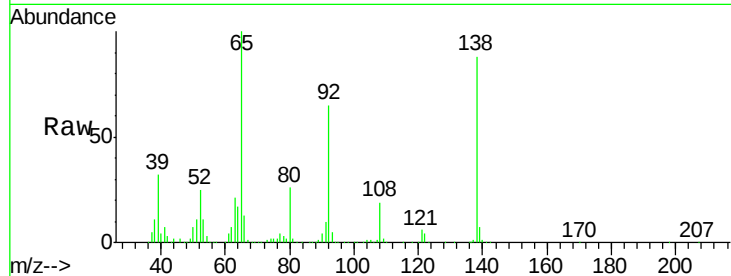
#47
2-Nitroaniline
Concen: 47.58 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.0	51.8	77.8
138	88.2	70.9	106.3

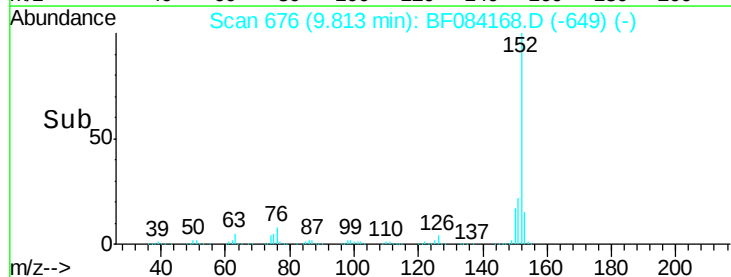
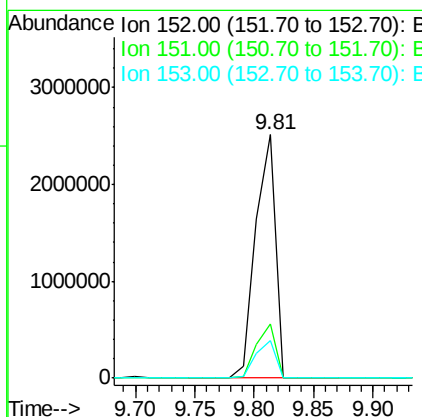
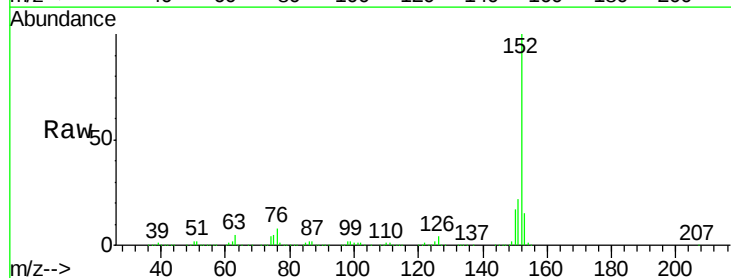
Manual Integrations
APPROVED

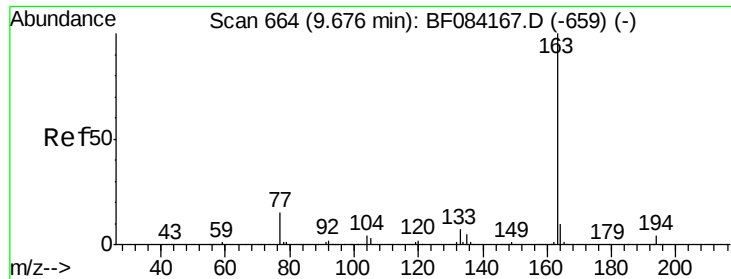
Sohil
12/31/2015 6:41:22 PM



#48
Acenaphthylene
Concen: 40.83 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.9	25.3
153	15.4	12.2	18.2





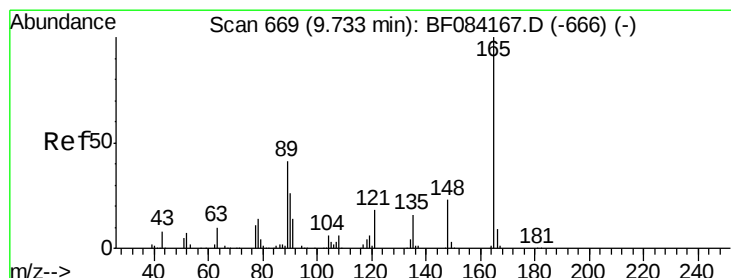
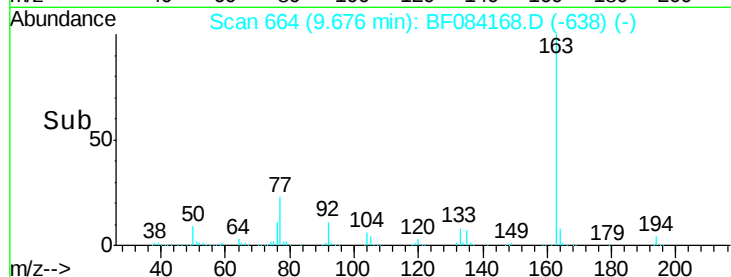
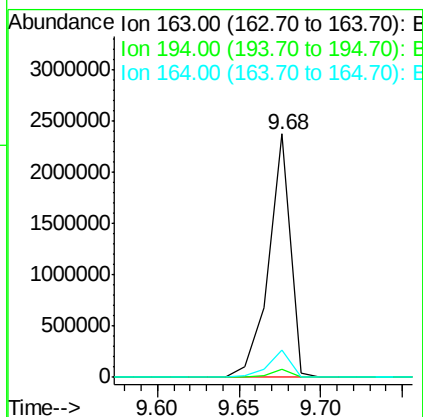
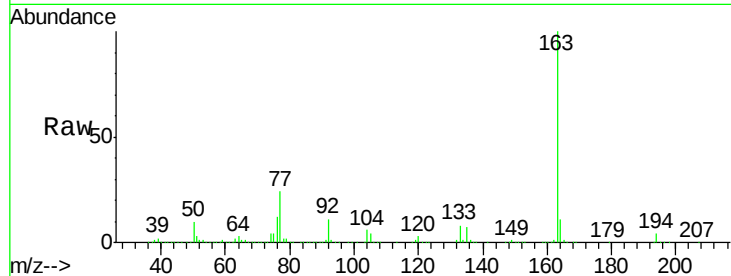
#49
Dimethylphthalate
Concen: 41.13 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	11.1	8.2	12.4

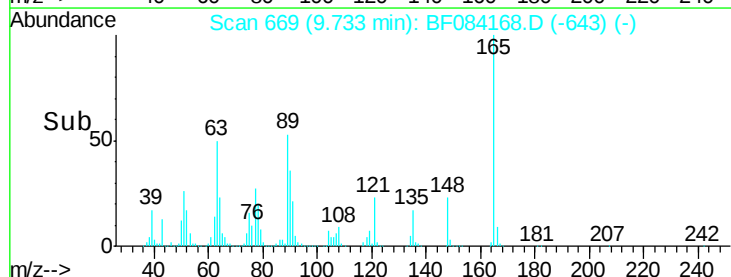
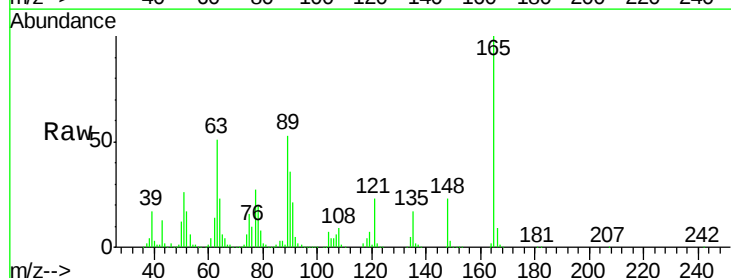
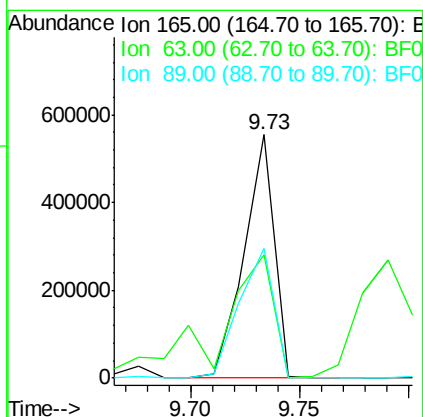
Manual Integrations
APPROVED

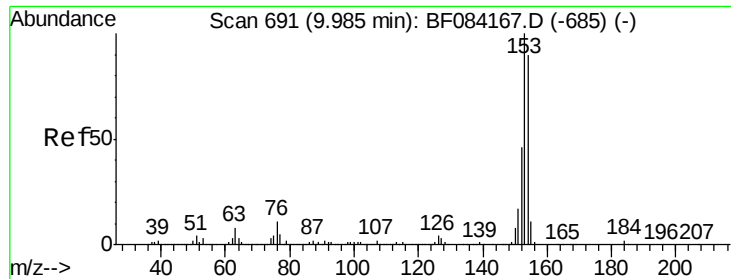
Sohil
12/31/2015 6:41:22 PM



#50
2,6-Dinitrotoluene
Concen: 47.59 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.5	28.8	43.2#
89	53.5	32.7	49.1#





#51

Acenaphthene

Concen: 47.93 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 2047102

Ion Ratio Lower Upper

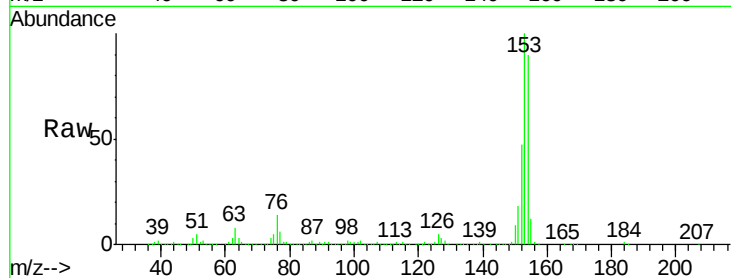
154 100

153 110.9 89.2 133.8

152 52.5 41.2 61.8

Manual Integrations
APPROVED

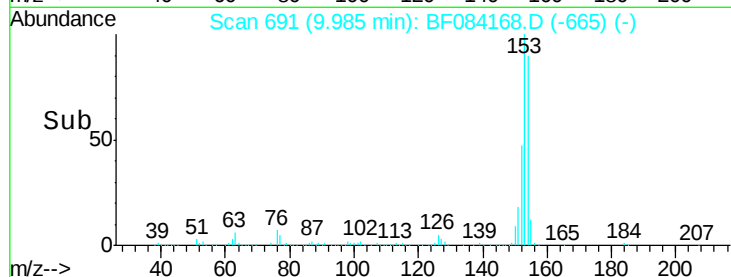
Sohil
12/31/2015 6:41:22 PM



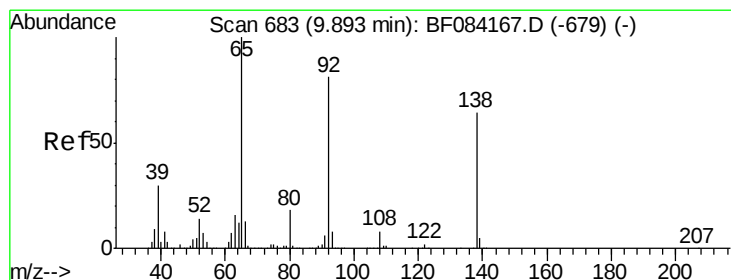
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 46.37 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

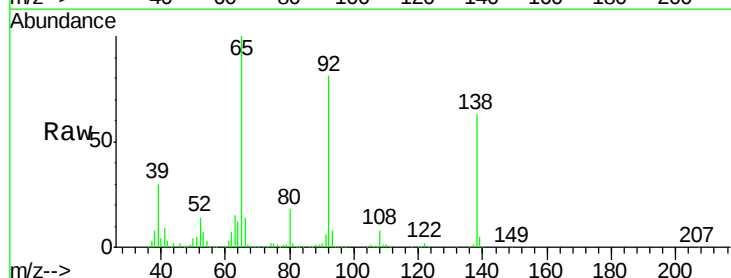
Tgt Ion:138 Resp: 554946

Ion Ratio Lower Upper

138 100

108 12.5 10.2 15.4

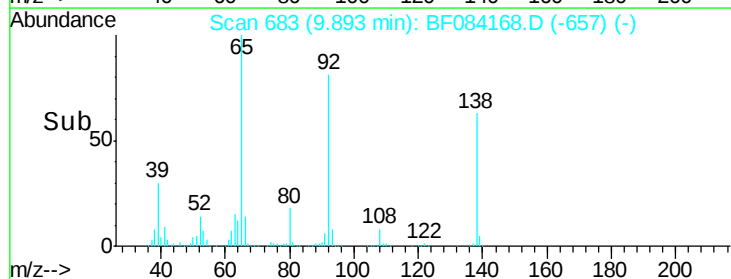
92 128.8 101.9 152.9



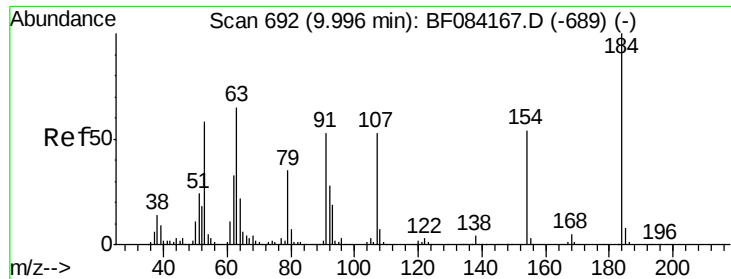
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



Time-->



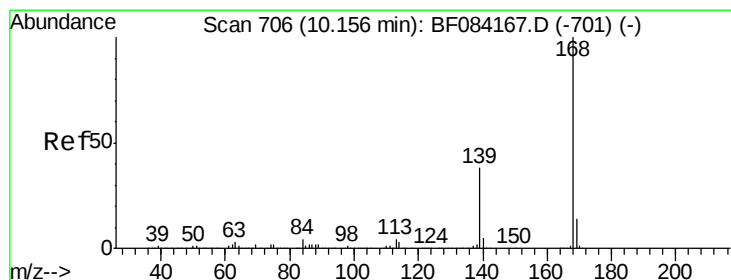
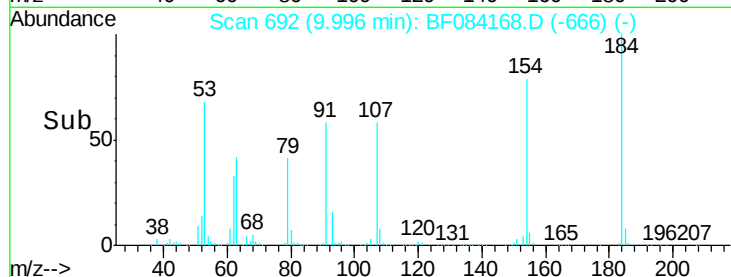
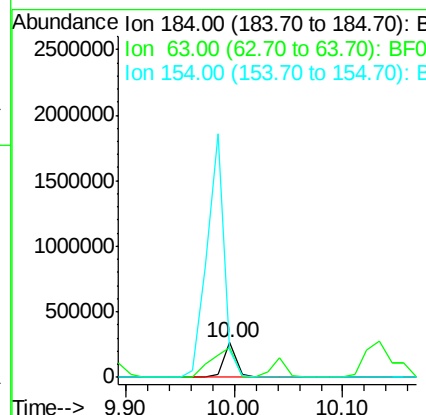
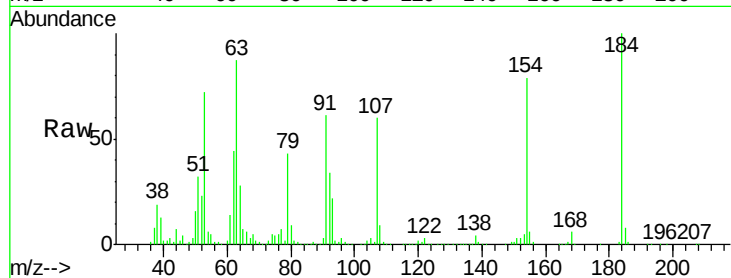
#53
2,4-Dinitrophenol
Concen: 63.73 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	21553		
63	87.0	54.2	81.4#	
154	79.3	58.2	87.4	

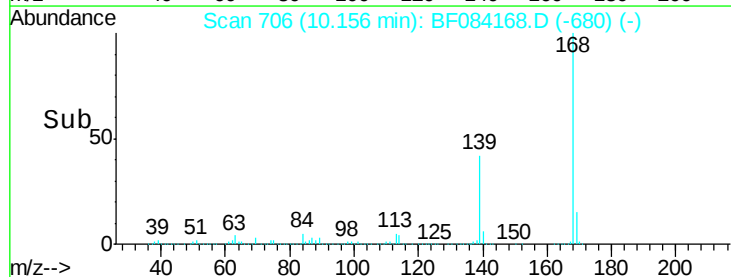
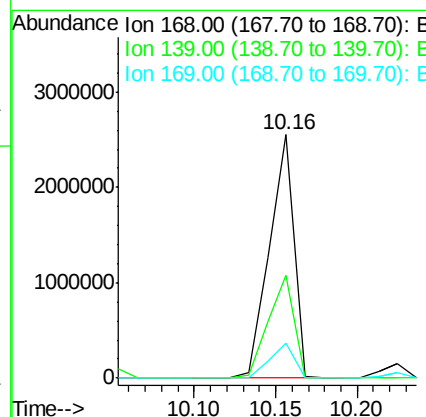
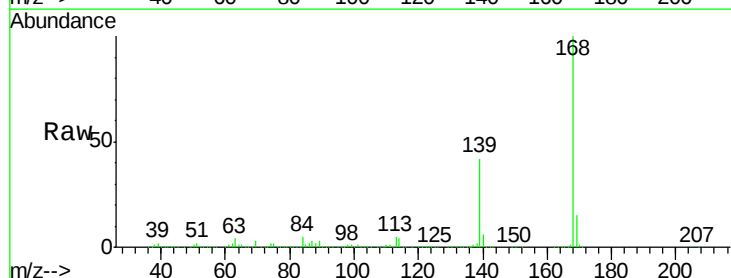
Manual Integrations
APPROVED

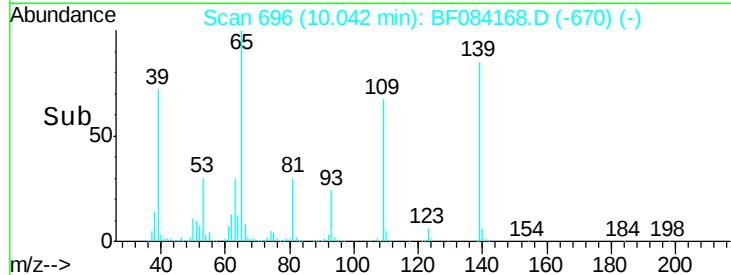
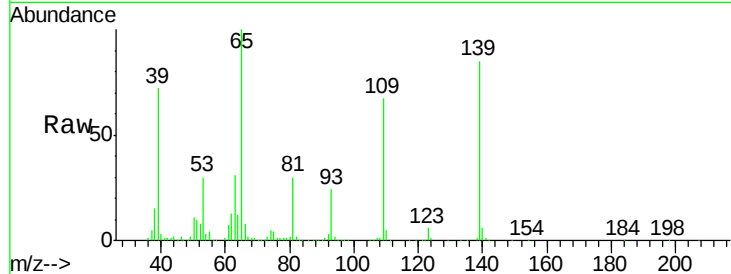
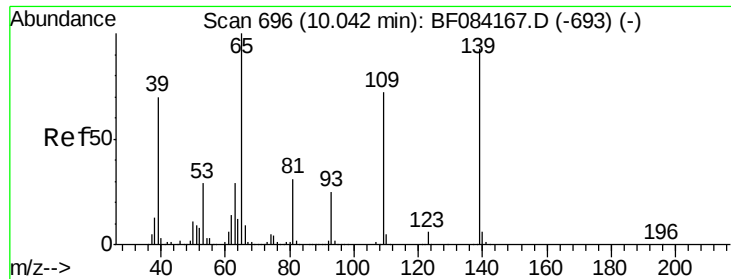
Sohil
12/31/2015 6:41:22 PM



#54
Dibenzofuran
Concen: 45.26 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2668506		
139	42.1	30.5	45.7	
169	14.6	11.1	16.7	





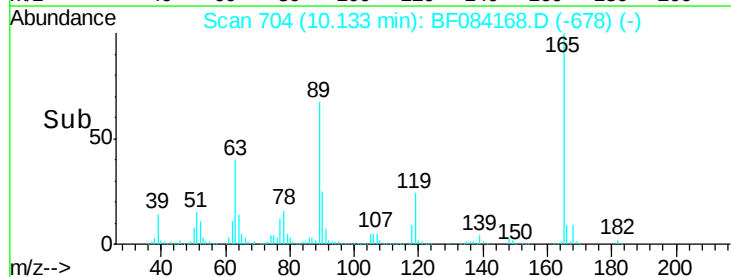
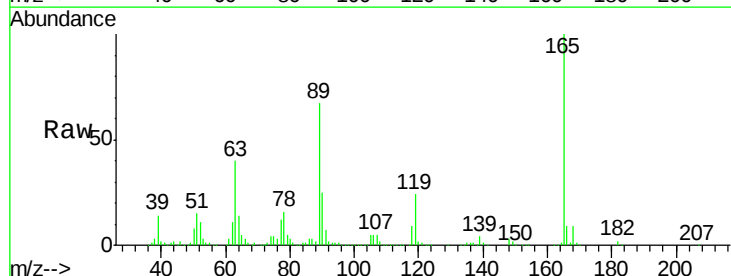
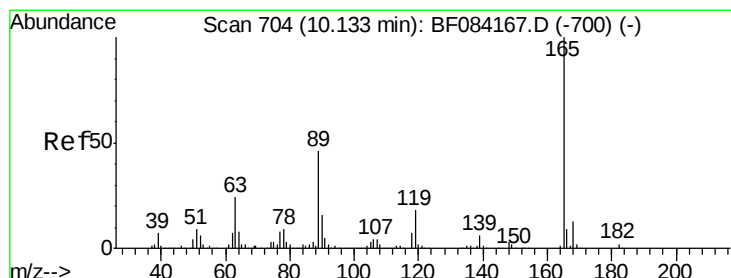
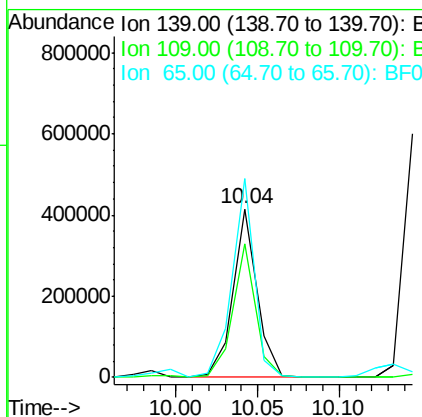
#55
4-Nitrophenol
Concen: 60.52 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tot Ion	Ratio	Resp	Lower	Upper
139	100	419647		
109	78.9	57.3	97.3	
65	118.3	88.4	128.4	

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

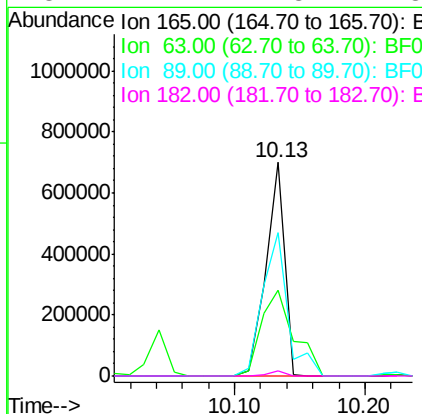
Manual Integrations
APPROVED

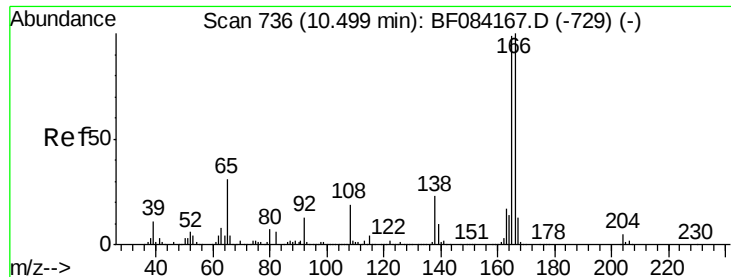
Sohil
12/31/2015 6:41:22 PM



#56
2,4-Dinitrotoluene
Concen: 46.60 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	698585		
63	39.9	19.4	29.2#	
89	67.2	37.0	55.6#	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 39.92 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1949320

Ion Ratio Lower Upper

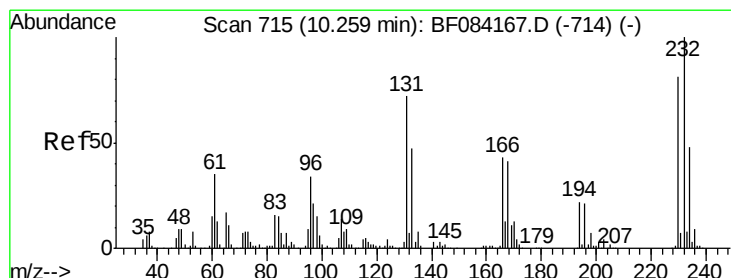
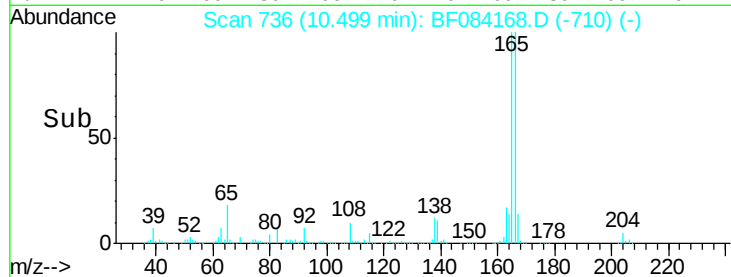
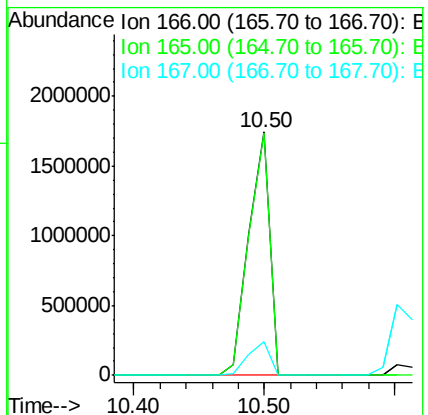
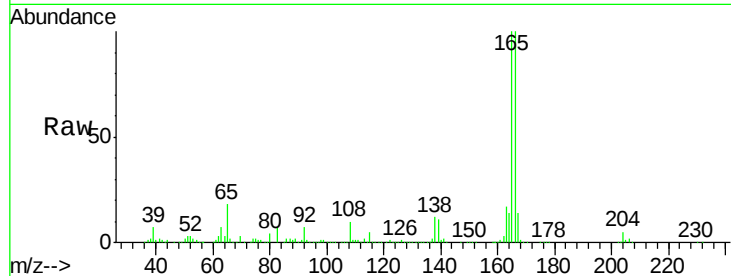
166 100

165 99.7 79.0 118.4

167 13.7 10.6 15.8

Manual Integrations
APPROVED

Sohil
12/31/2015 6:41:22 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.32 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion:232 Resp: 559378

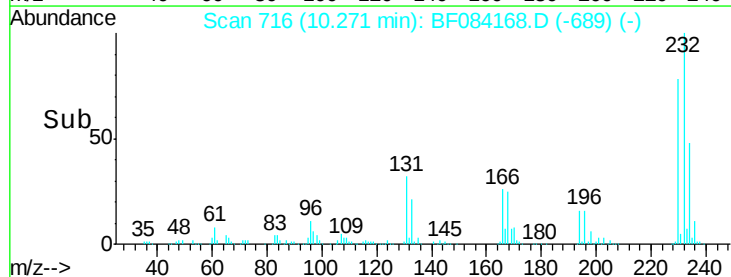
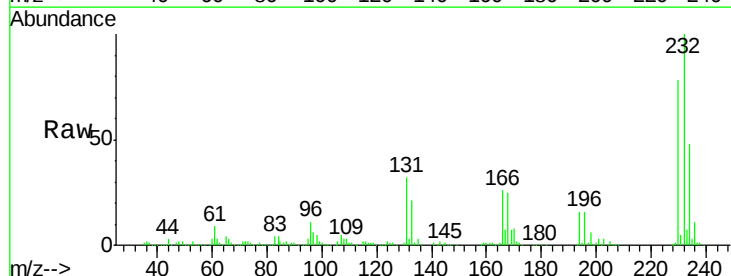
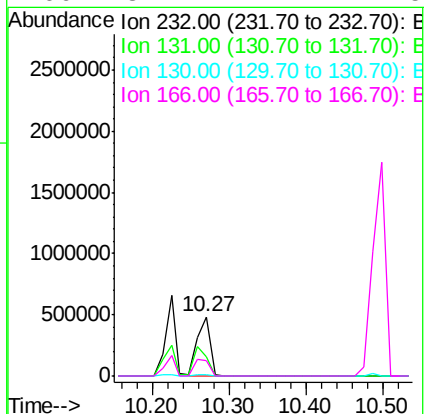
Ion Ratio Lower Upper

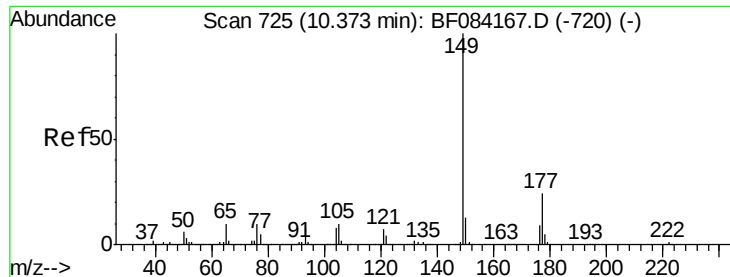
232 100

131 50.0 42.9 64.3

130 2.4 2.0 3.0

166 32.4 27.7 41.5





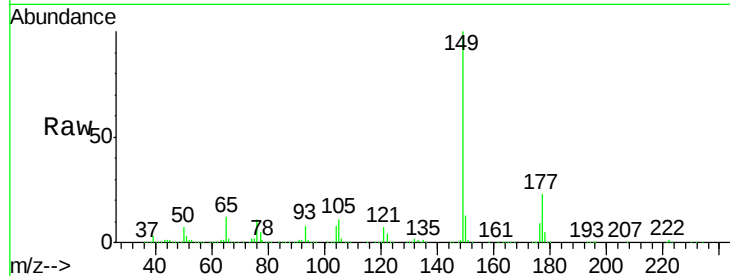
#59
Diethylphthalate
Concen: 39.37 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampled :
SSTDIC050

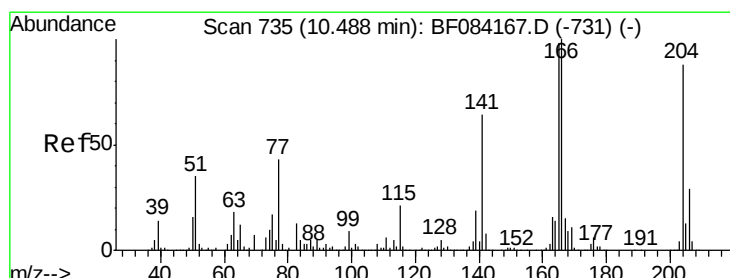
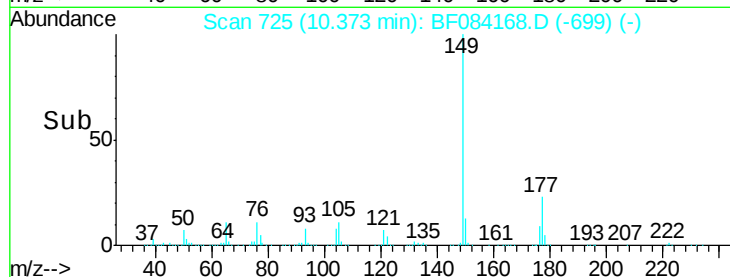
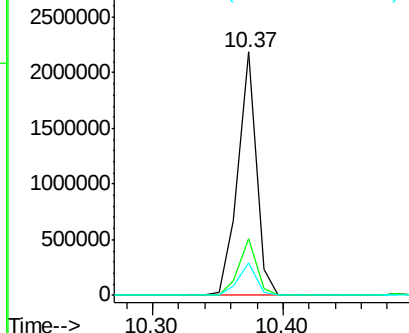
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.1	28.7
150	13.3	10.6	15.8

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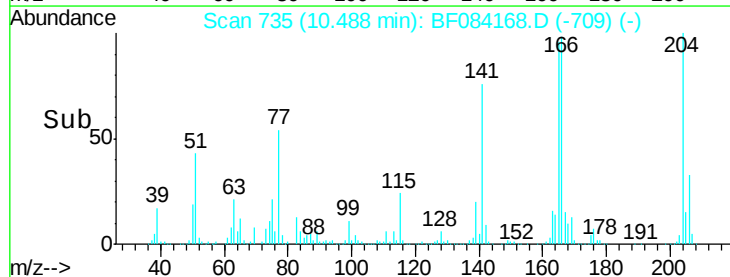
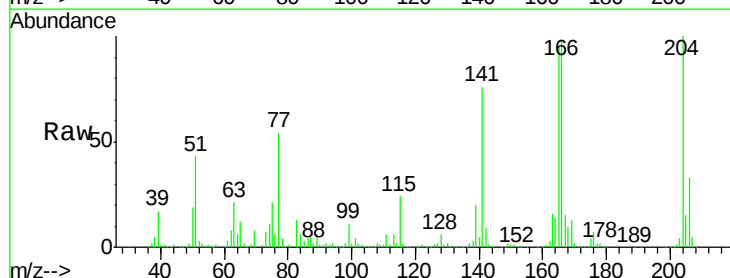
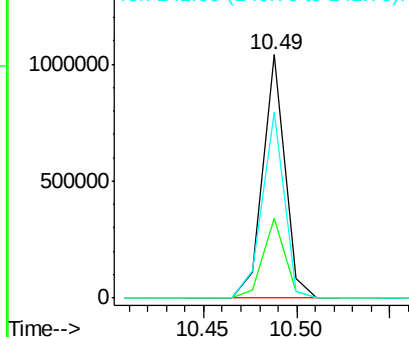
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

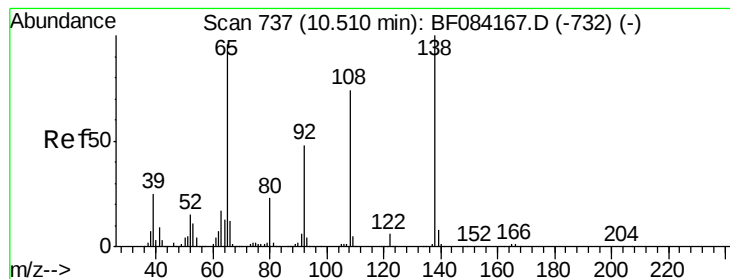


#60
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	76.4	58.0	87.0

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.14 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

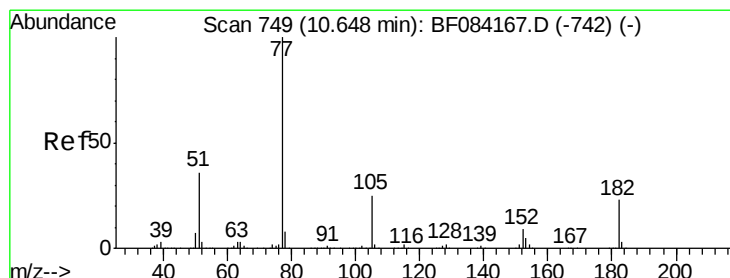
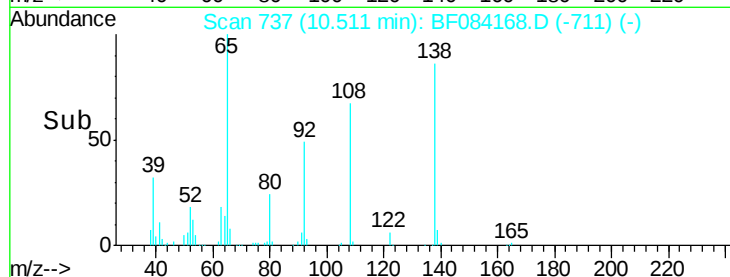
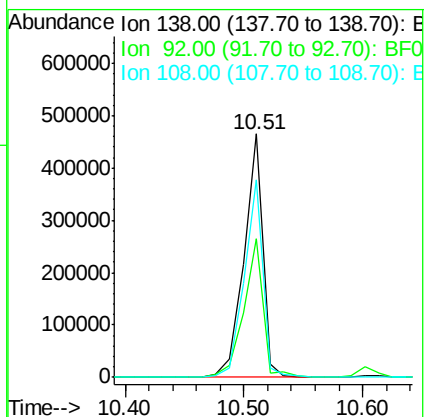
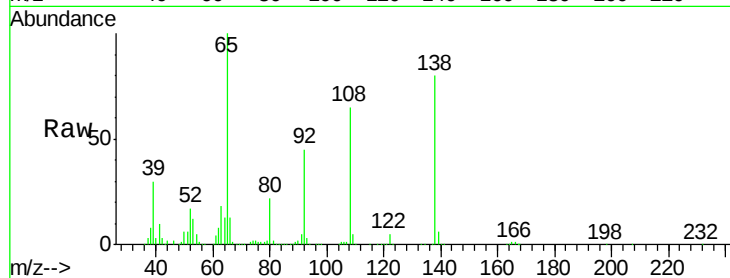
ClientSampleId :

SSTDIC050

Tot Ion:	138	Resp:	516892
Ion Ratio	Lower	Upper	
138	100		
92	56.7	28.4	68.4
108	81.3	54.0	94.0

Manual Integrations
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#62

Azobenzene

Concen: 51.35 ng

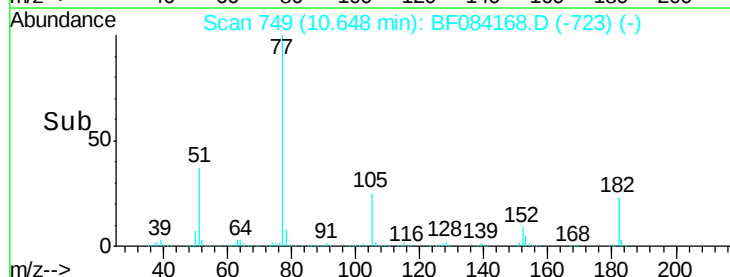
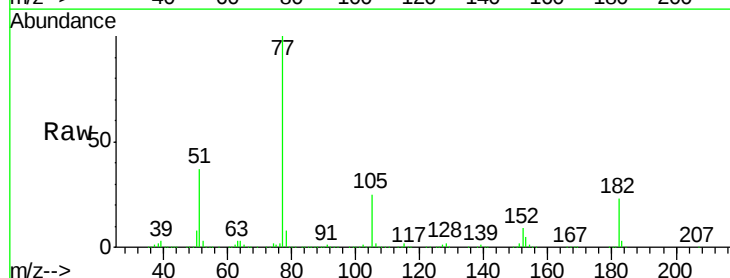
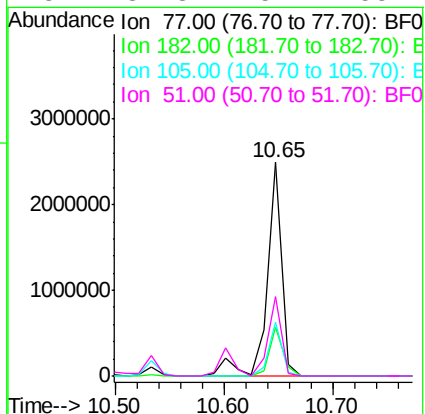
RT: 10.65 min Scan# 749

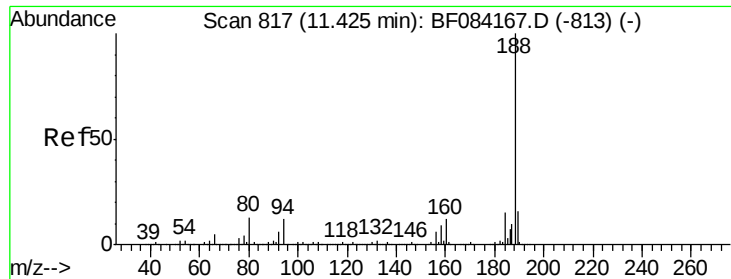
Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion:	77	Resp:	2387616
Ion Ratio	Lower	Upper	
77	100		
182	22.5	3.2	43.2
105	25.2	5.1	45.1
51	37.3	15.7	55.7





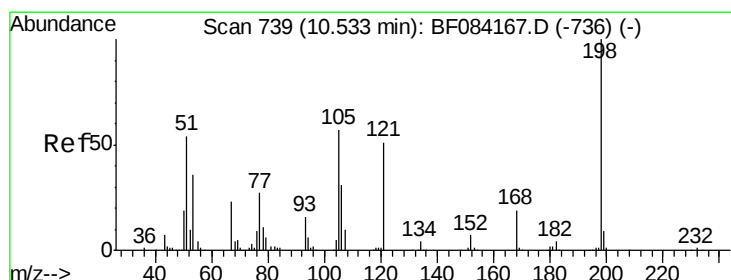
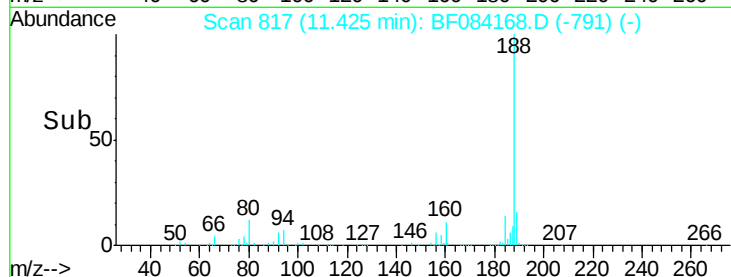
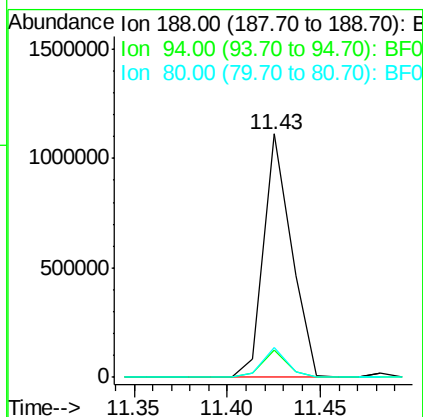
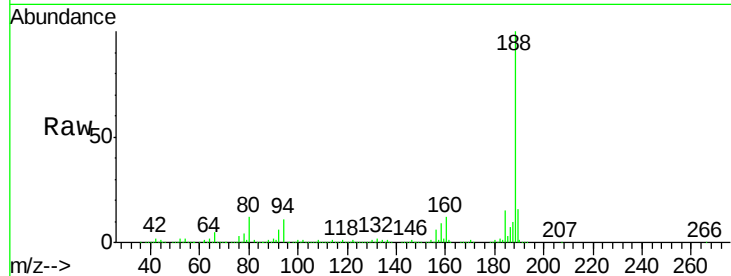
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.2	13.8
80	12.0	10.1	15.1

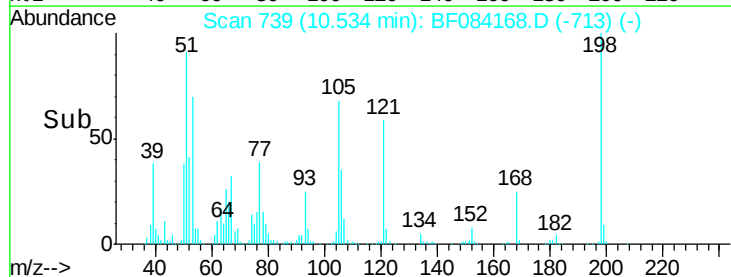
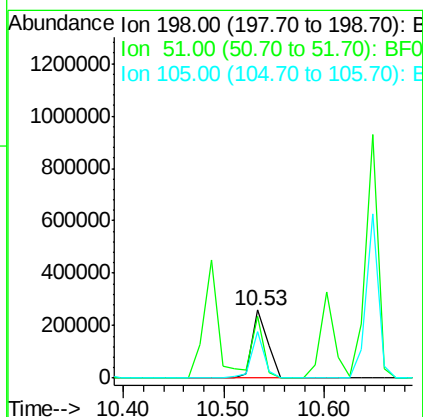
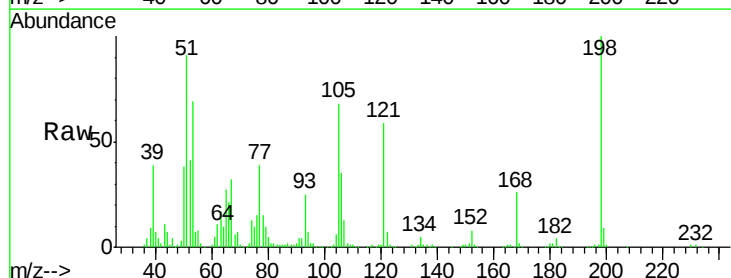
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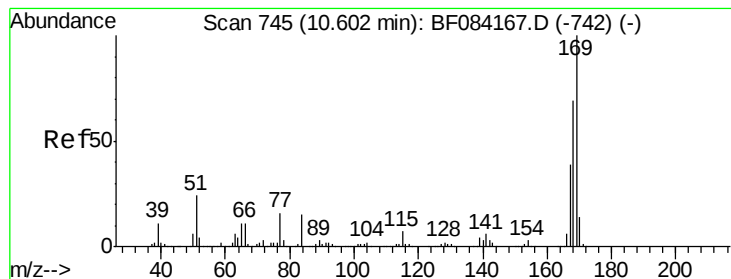
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.64 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
198	100		
51	90.9	46.4	86.4#
105	68.3	38.5	78.5





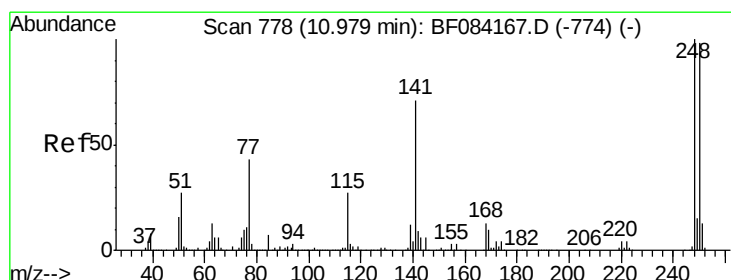
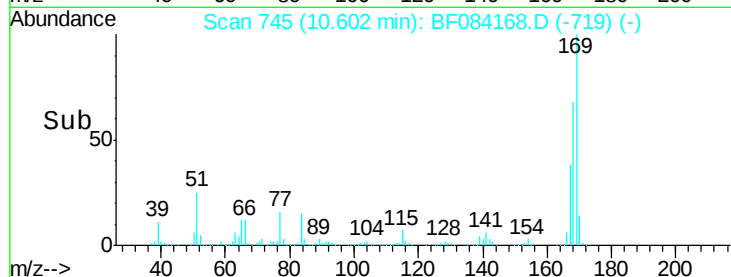
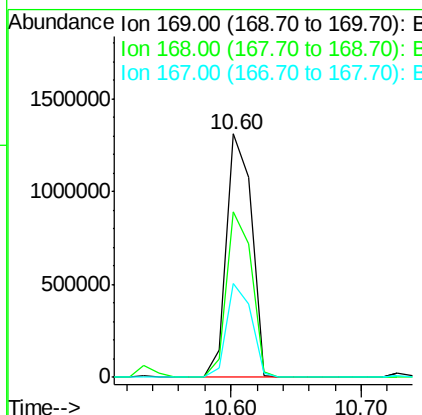
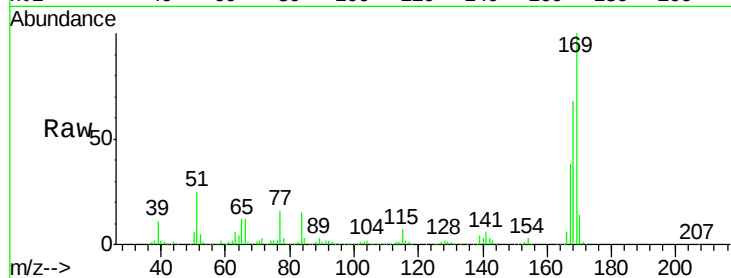
#65
n-Nitrosodiphenylamine
Concen: 44.16 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.2	82.8
167	38.4	31.1	46.7

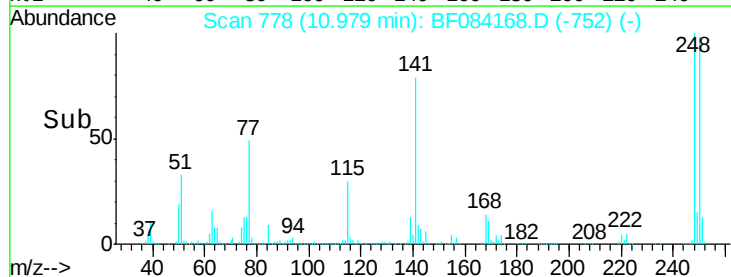
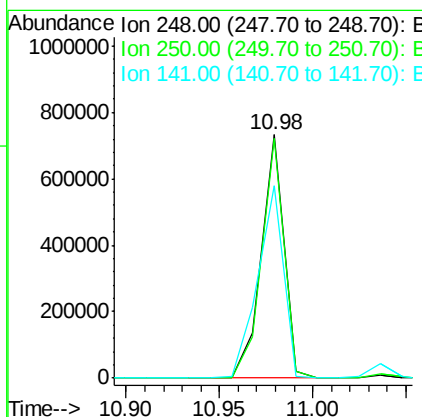
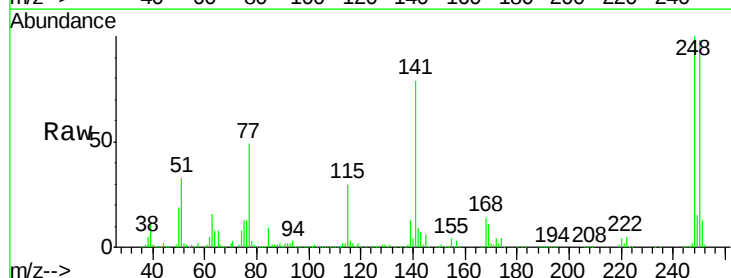
Manual Integrations
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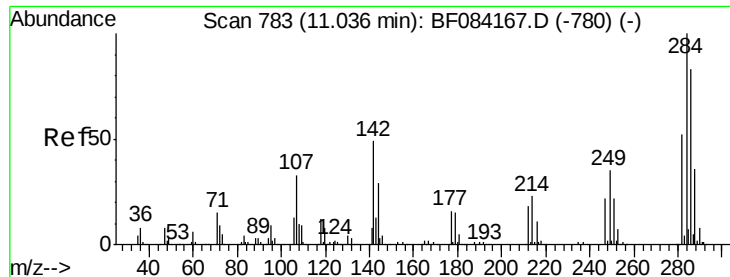
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#66
4-Bromophenyl-phenylether
Concen: 46.20 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.7	118.1
141	78.8	57.1	85.7





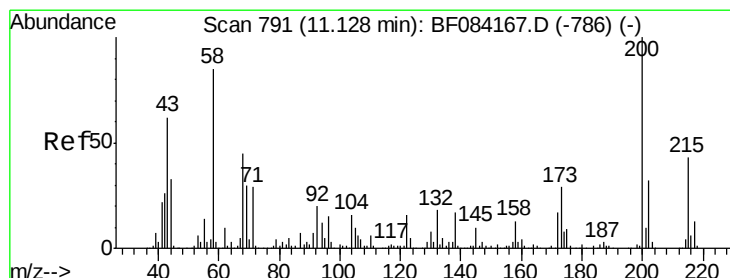
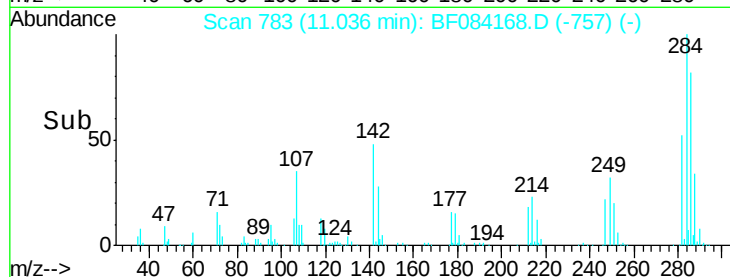
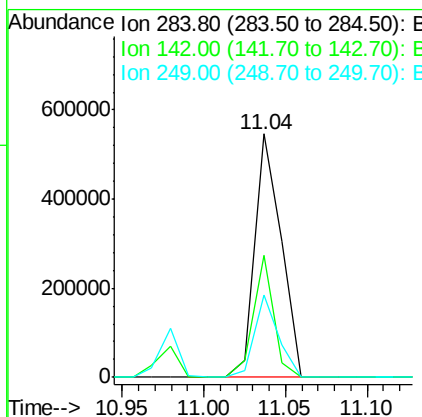
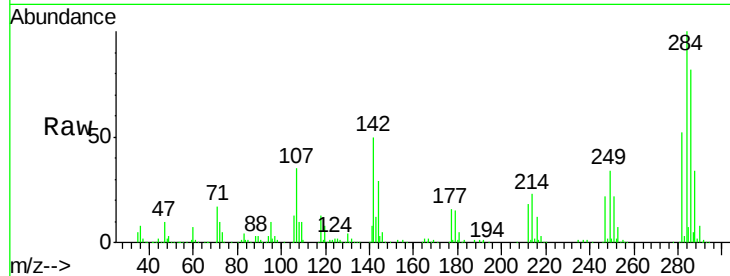
#67
Hexachlorobenzene
Concen: 42.67 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100	611557		
142	50.0	39.4	59.2	
249	33.8	27.8	41.6	

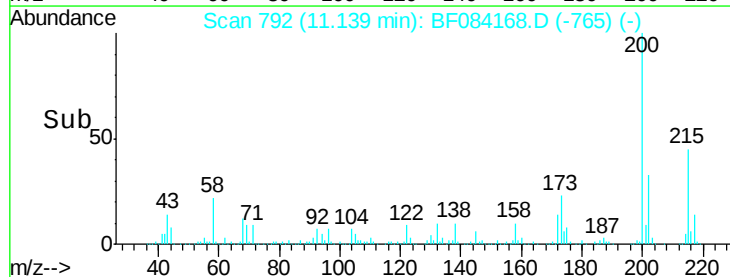
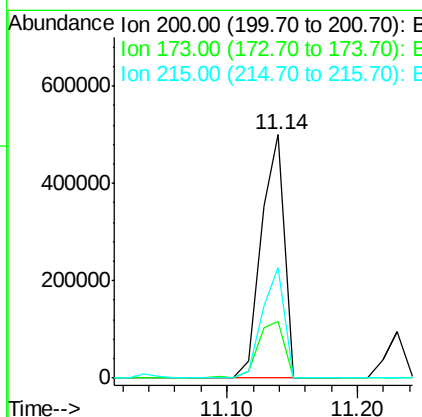
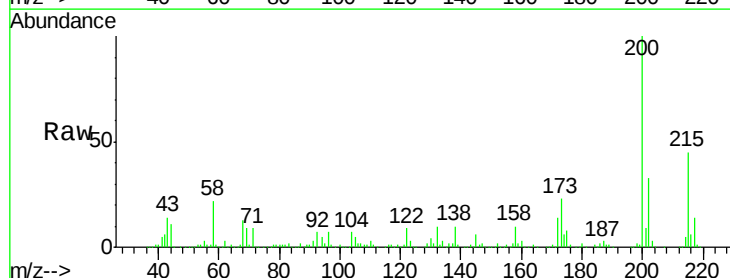
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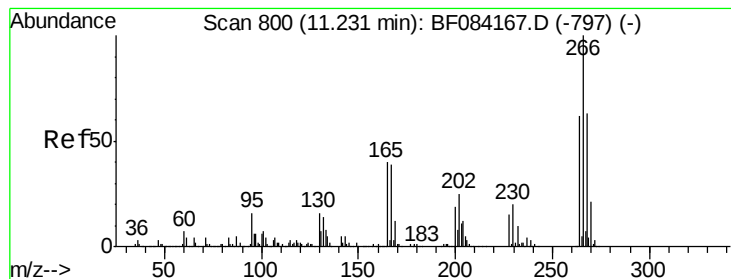
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#68
Atrazine
Concen: 49.76 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	613134		
173	23.4	8.5	48.5	
215	45.3	22.7	62.7	





#69

Pentachlorophenol

Concen: 87.90 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:266 Resp: 425328

Ion Ratio Lower Upper

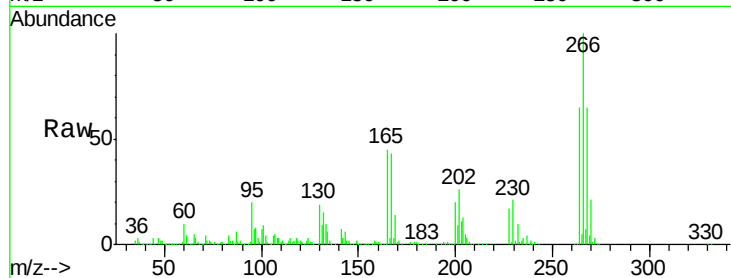
266 100

268 65.4 50.7 76.1

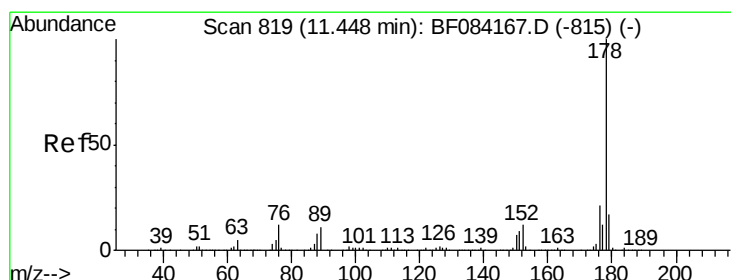
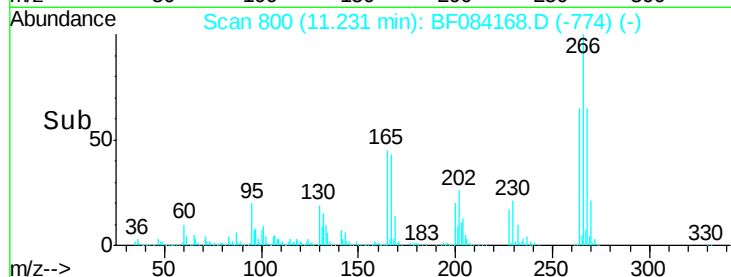
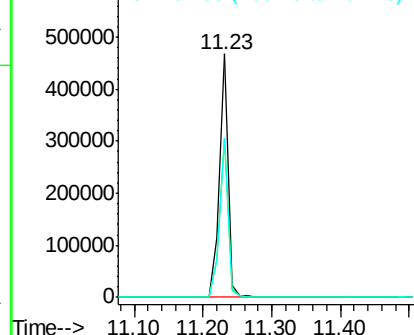
264 65.5 49.9 74.9

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



#70

Phenanthrene

Concen: 44.76 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

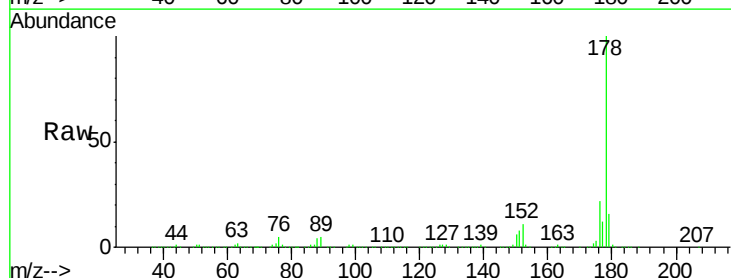
Tgt Ion:178 Resp: 2982589

Ion Ratio Lower Upper

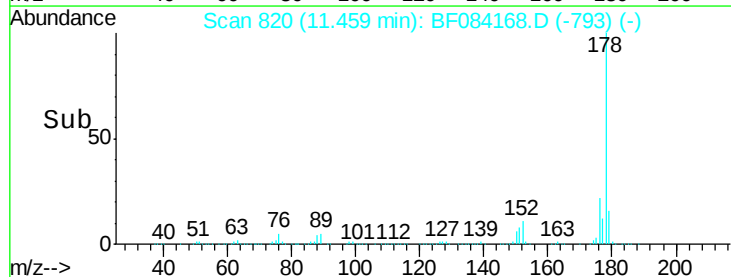
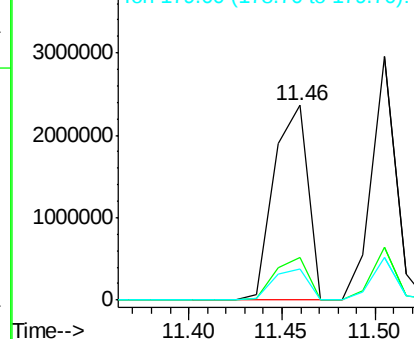
178 100

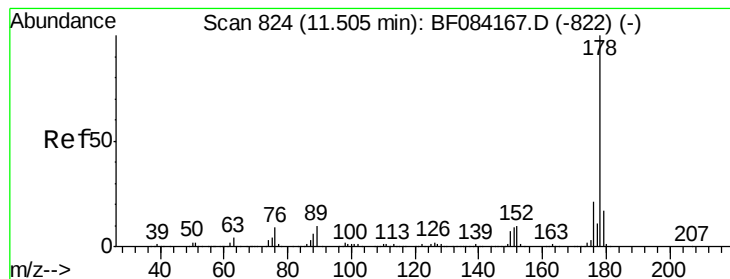
176 21.7 16.6 25.0

179 16.3 13.4 20.0



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





#71

Anthracene

Concen: 37.68 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:178 Resp: 2621125

Ion Ratio Lower Upper

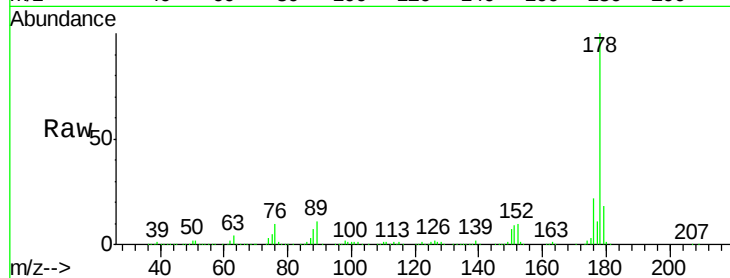
178 100

176 21.6 17.1 25.7

179 17.6 13.9 20.9

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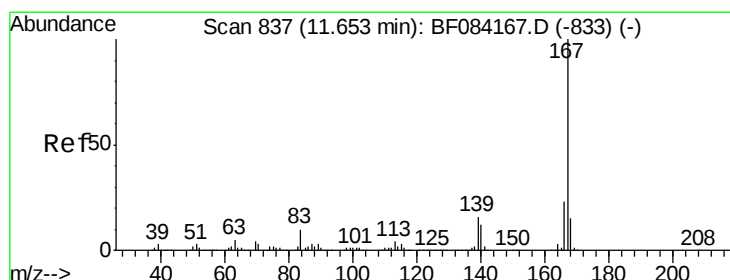
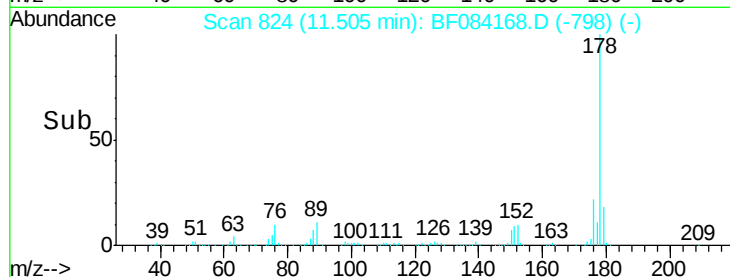
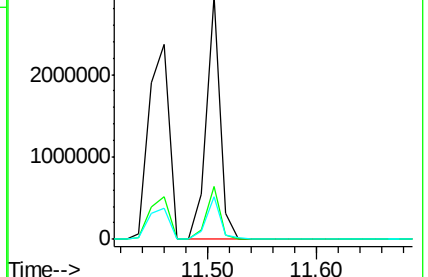
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.90 ng

RT: 11.65 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

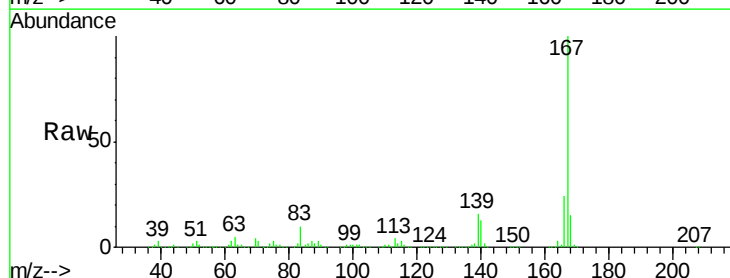
Tgt Ion:167 Resp: 2431077

Ion Ratio Lower Upper

167 100

166 23.6 18.6 28.0

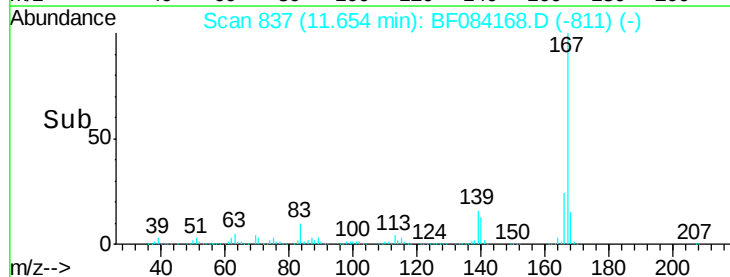
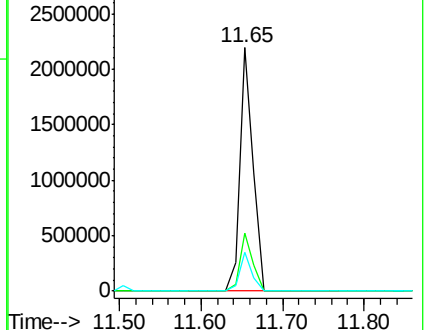
139 16.2 13.0 19.6

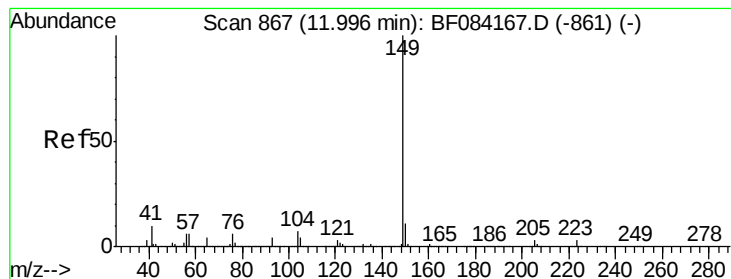


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.52 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2947574

Ion Ratio Lower Upper

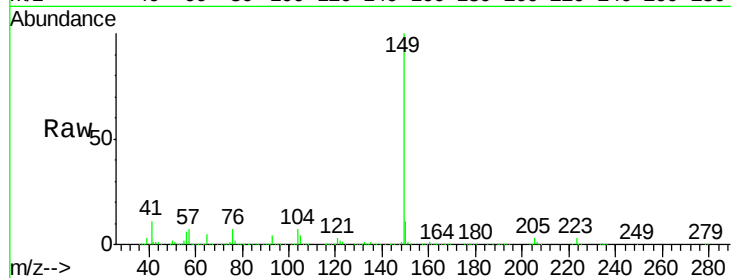
149 100

150 11.0 8.5 12.7

104 6.7 5.2 7.8

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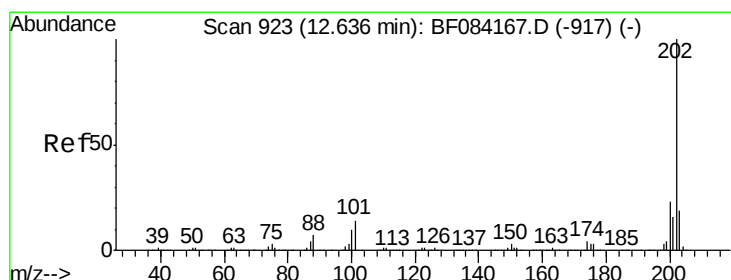
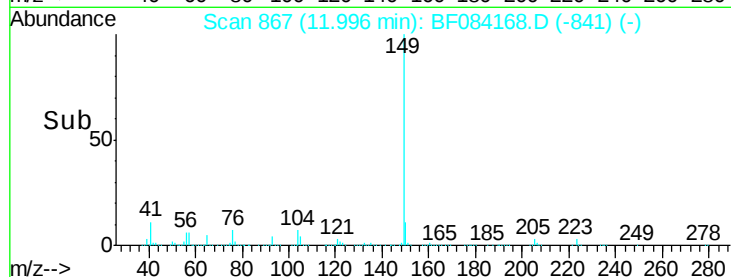
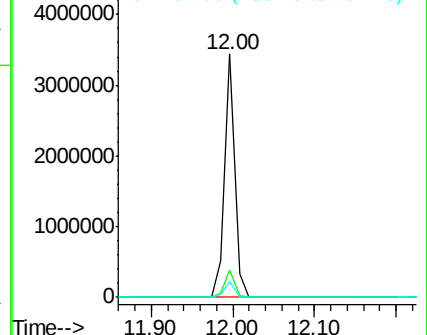
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.72 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

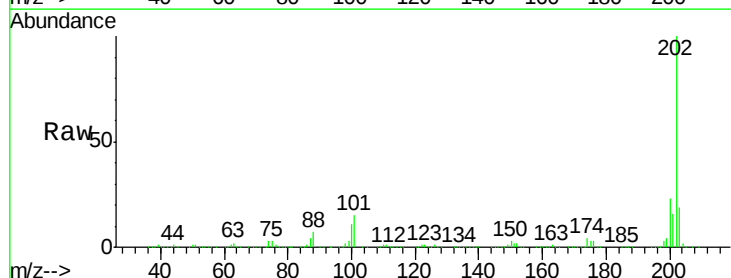
Tgt Ion:202 Resp: 2643783

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.0

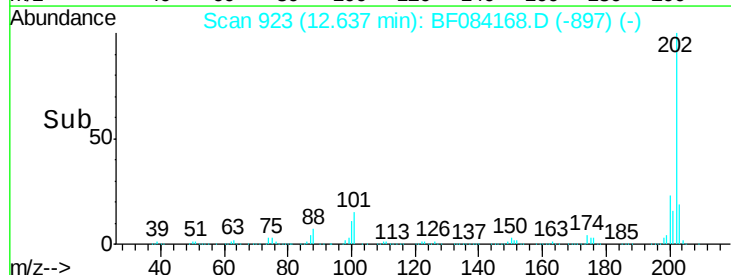
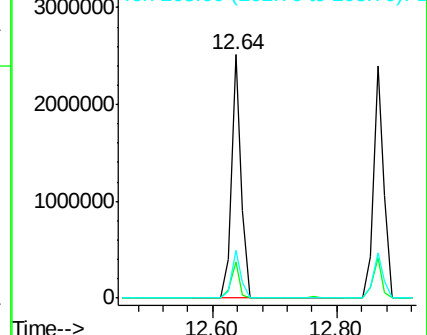
203 19.4 0.0 39.2

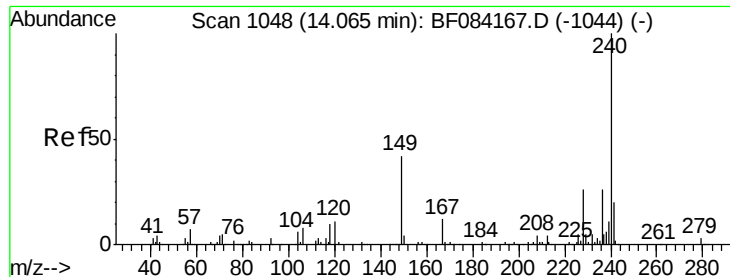


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

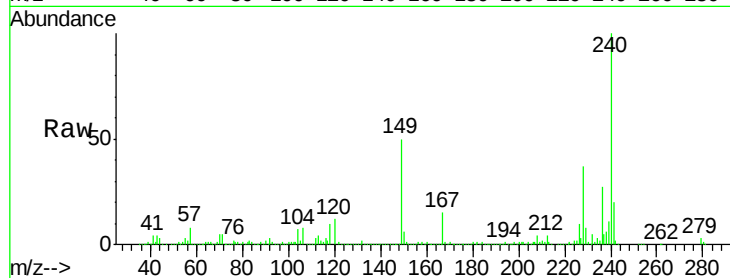
ClientSampleId :

SSTDICC050

Tot Ion:	240	Resp:	754421
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.8	13.2
236	26.6	20.8	31.2

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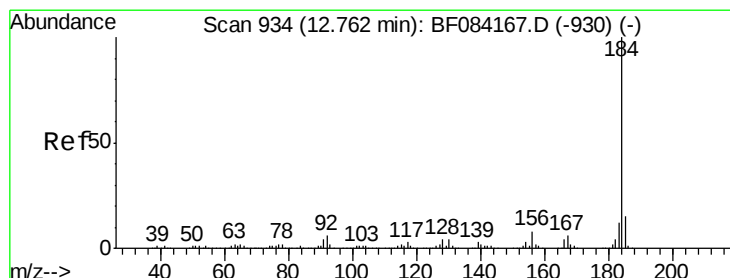
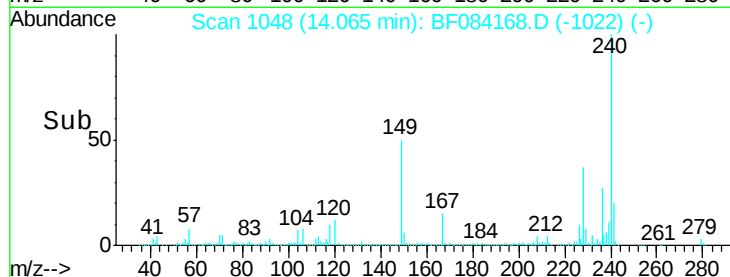
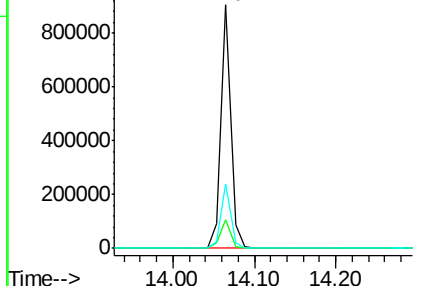
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.92 ng

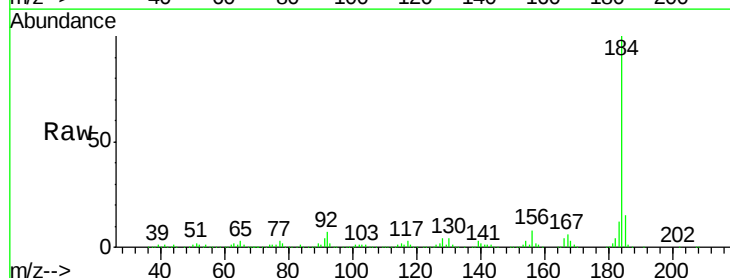
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

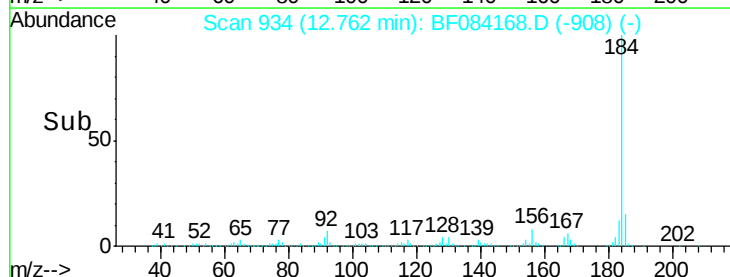
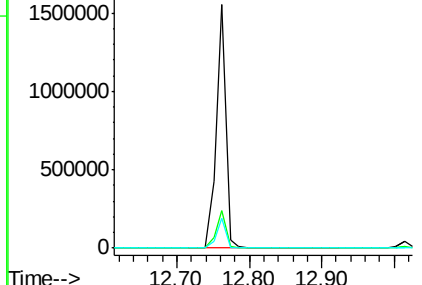
Tgt Ion:	184	Resp:	1418464
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.9	17.9
183	12.1	9.5	14.3

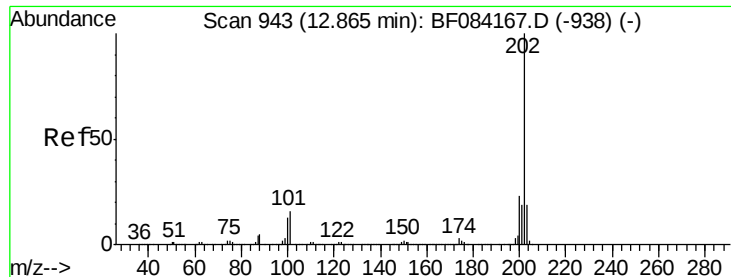


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.76 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 2687038

Ion Ratio Lower Upper

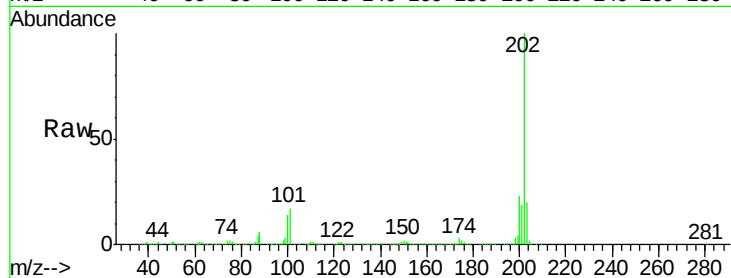
202 100

200 23.5 18.7 28.1

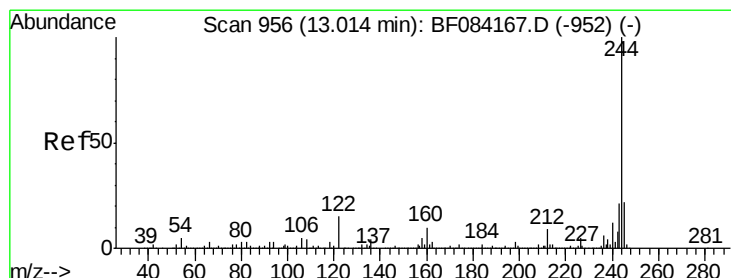
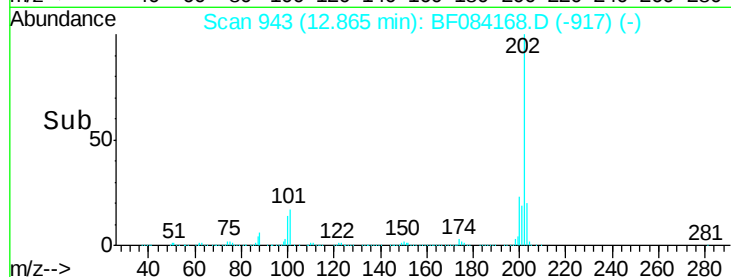
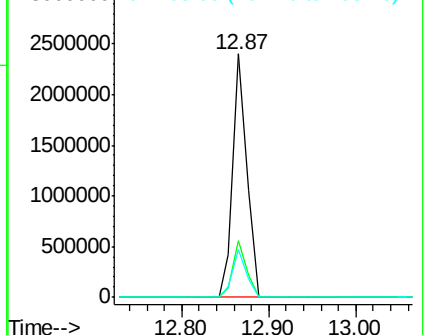
203 19.5 15.2 22.8

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



#78

Terphenyl-d14

Concen: 73.92 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

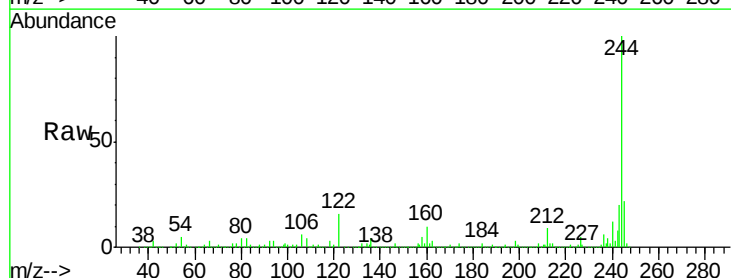
Tgt Ion:244 Resp: 2979989

Ion Ratio Lower Upper

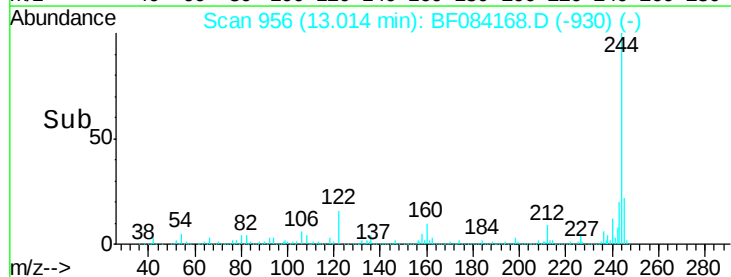
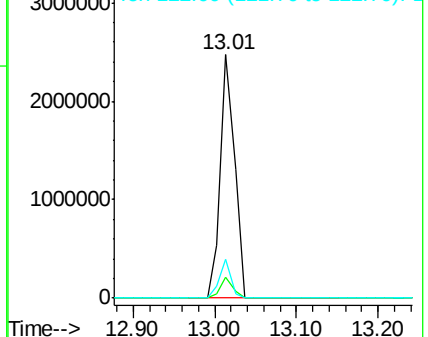
244 100

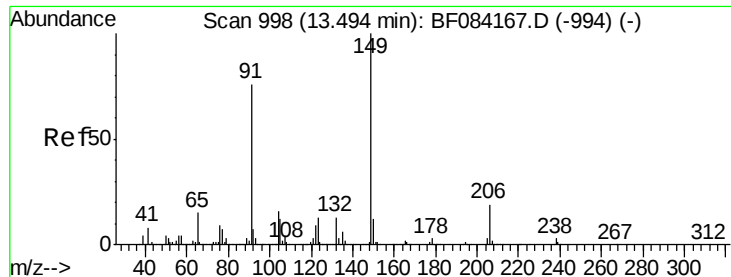
212 8.5 7.0 10.4

122 15.8 11.9 17.9



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





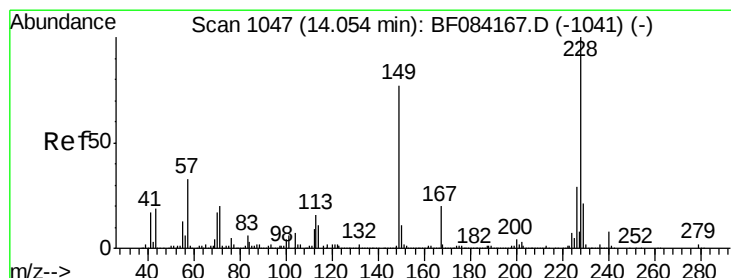
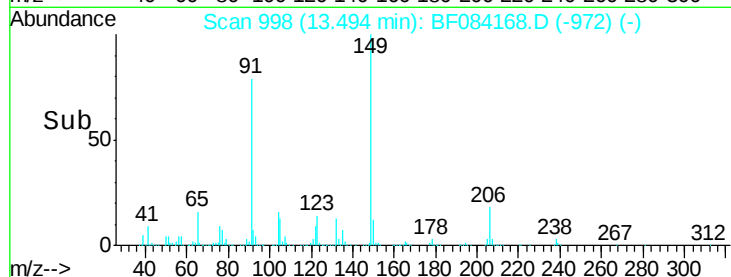
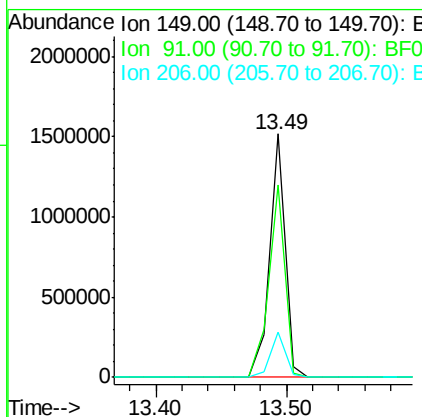
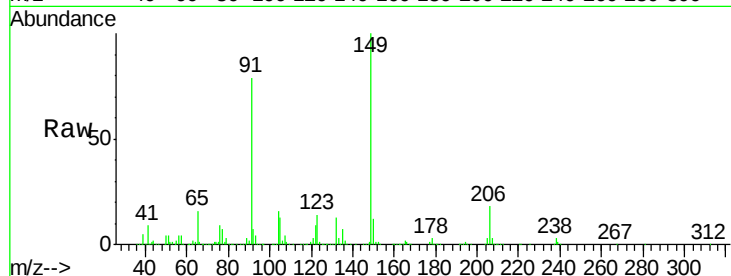
#79
Butylbenzylphthalate
Concen: 47.48 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.8	61.1	91.7
206	18.3	15.3	22.9

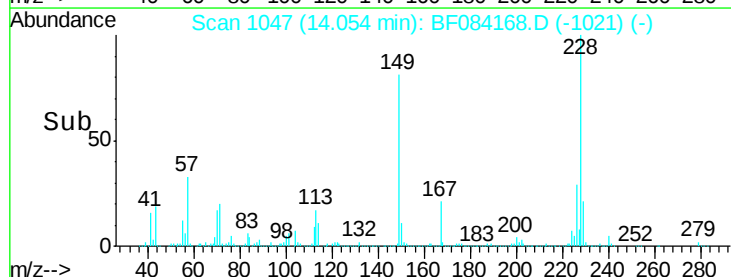
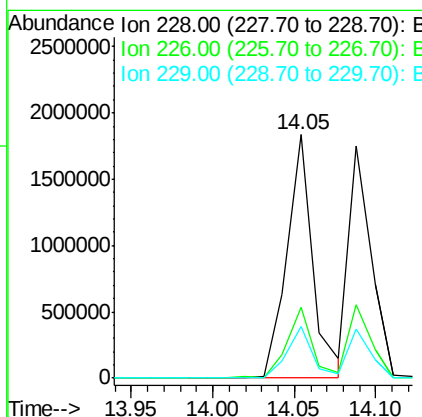
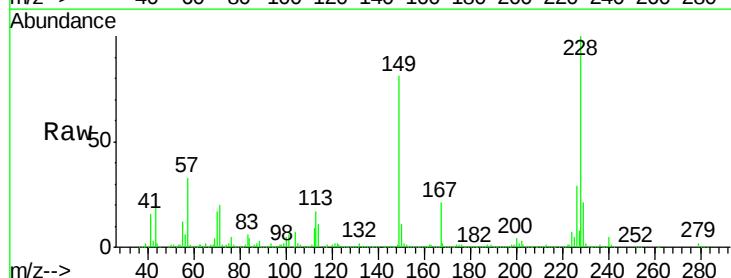
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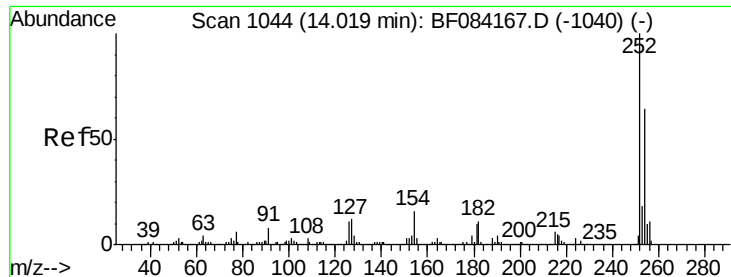
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#80
Benzo(a)anthracene
Concen: 44.27 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	21.2	16.6	25.0





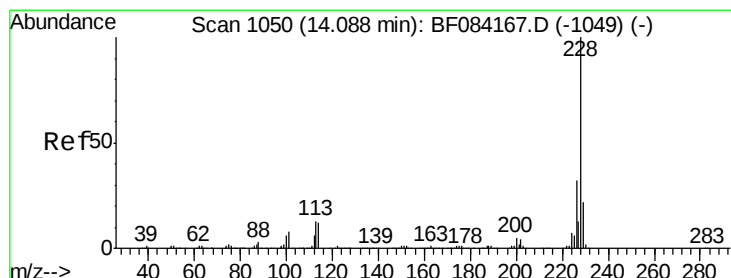
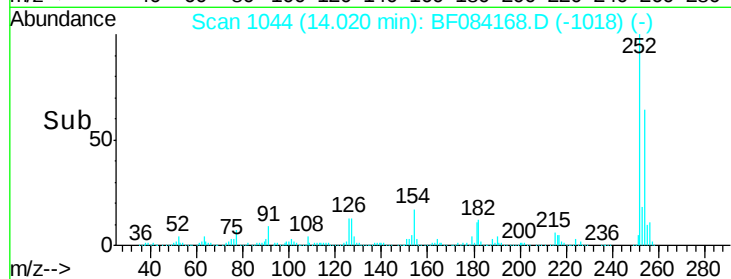
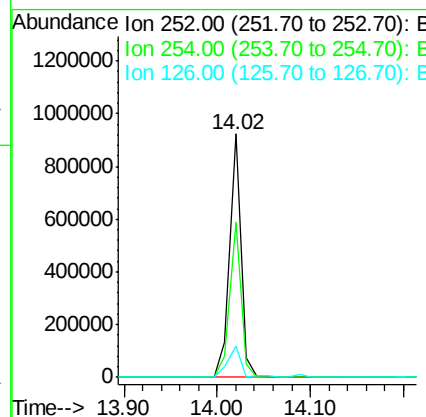
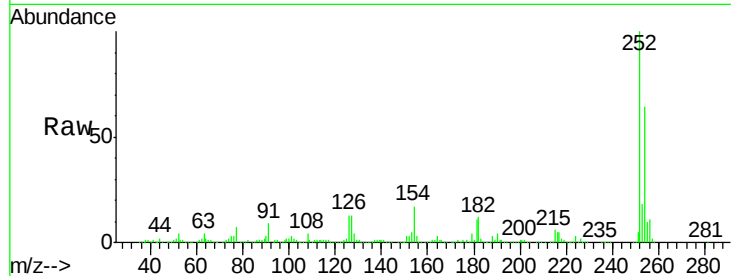
#81
 3,3'-Dichlorobenzidine
 Concen: 54.60 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084168.D
 Acq: 31 Dec 2015 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	783179		
254	64.0		51.4	77.0
126	12.7		9.0	13.6

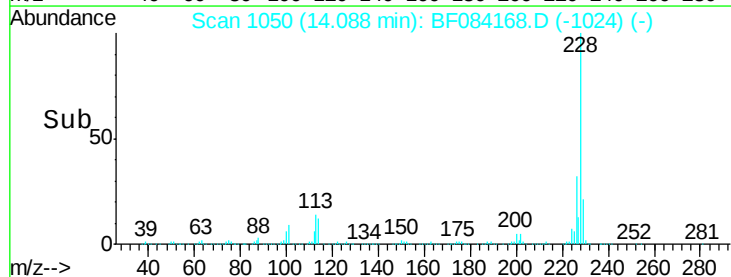
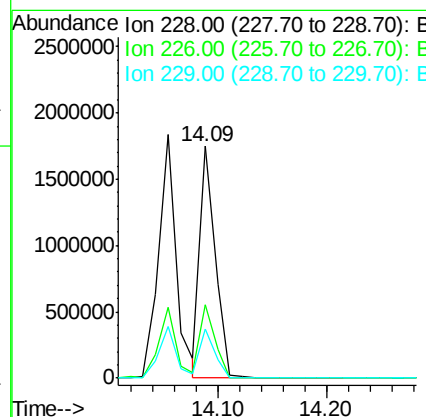
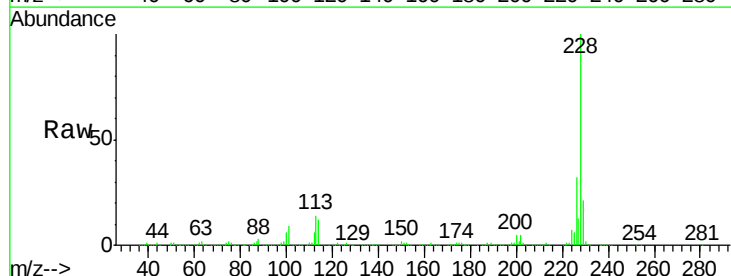
Manual Integrations
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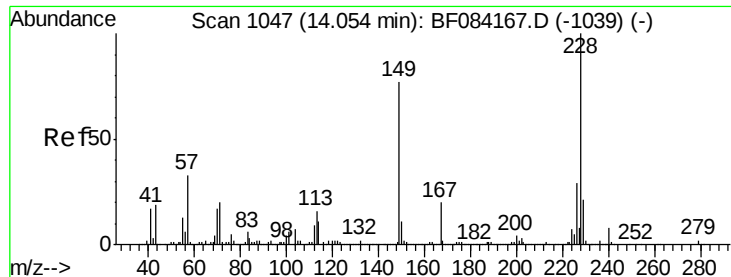
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#82
 Chrysene
 Concen: 41.67 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF084168.D
 Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1715169		
226	31.9		25.4	38.2
229	21.2		17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.77 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1408950

Ion Ratio Lower Upper

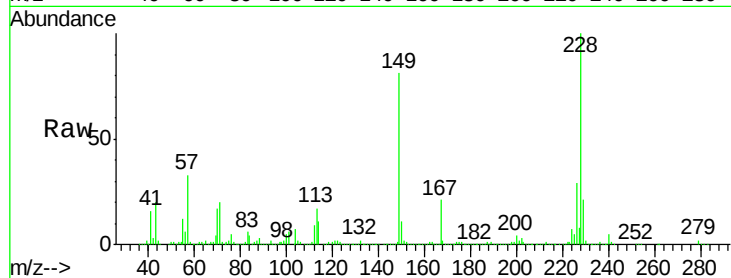
149 100

167 25.9 20.6 30.8

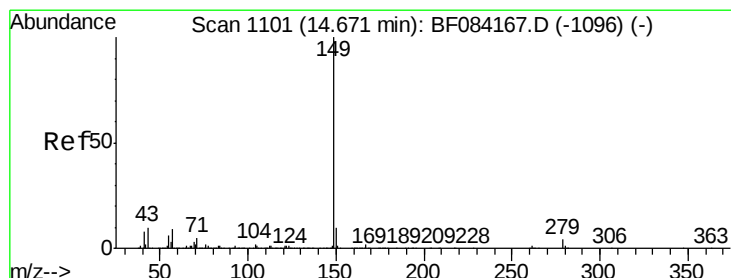
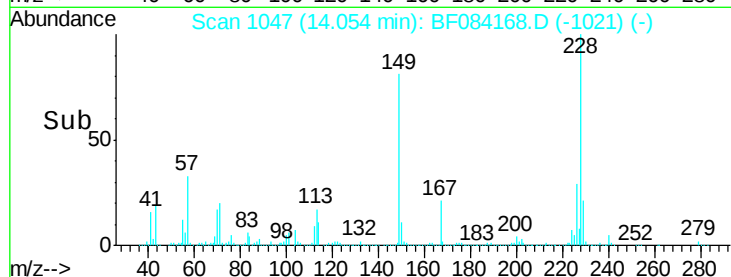
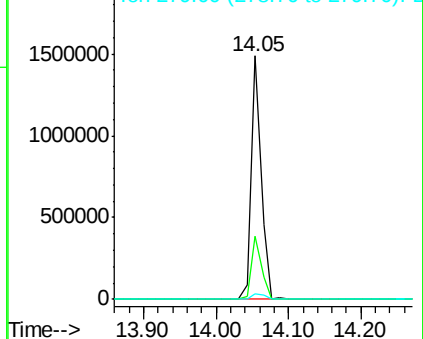
279 2.3 1.6 2.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.54 ng

RT: 14.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

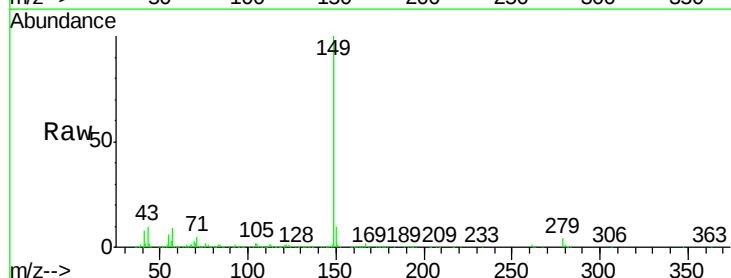
Tgt Ion:149 Resp: 2408862

Ion Ratio Lower Upper

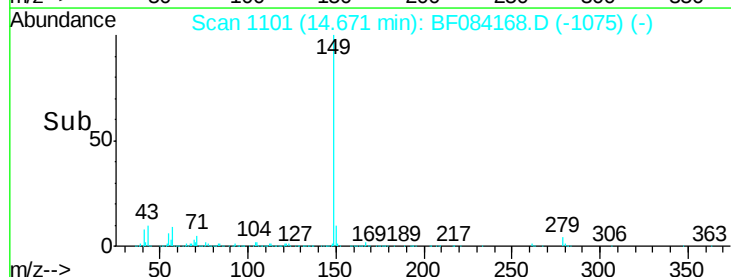
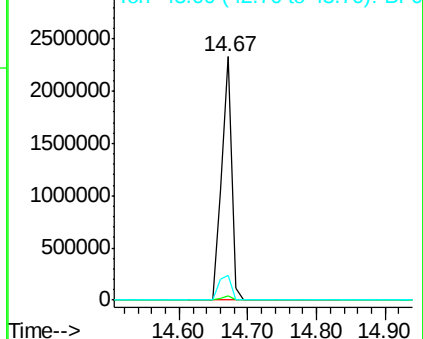
149 100

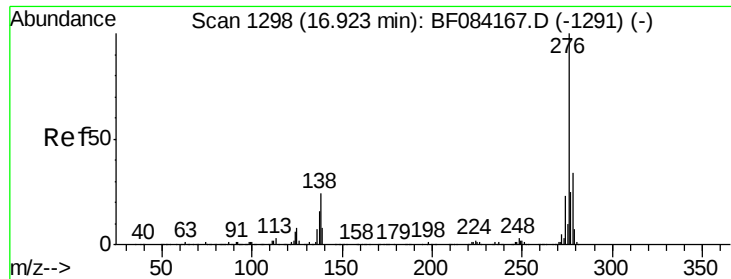
167 1.6 1.3 1.9

43 12.9 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





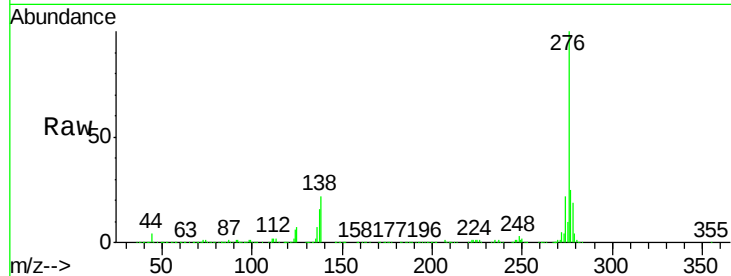
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.97 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

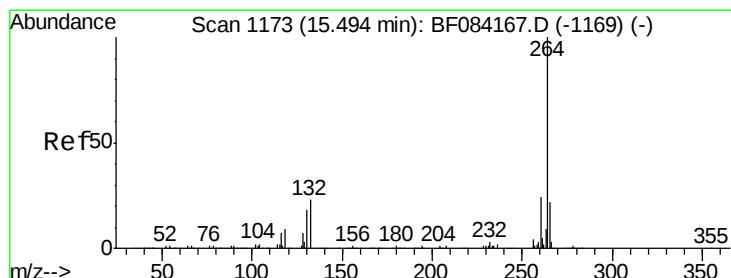
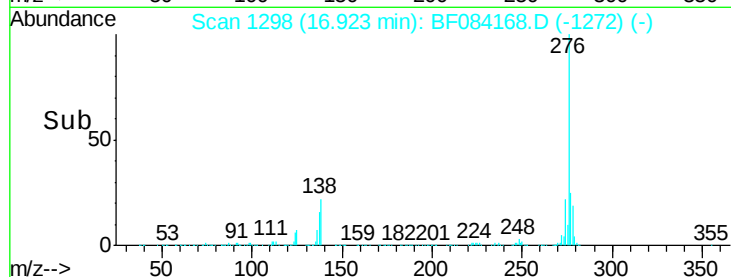
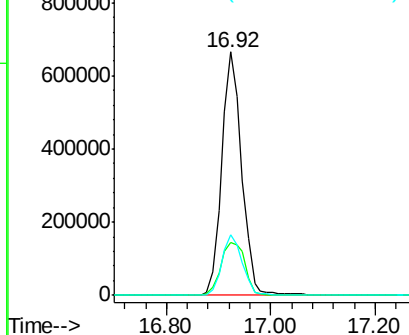
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.6
277	25.3	19.7	29.5

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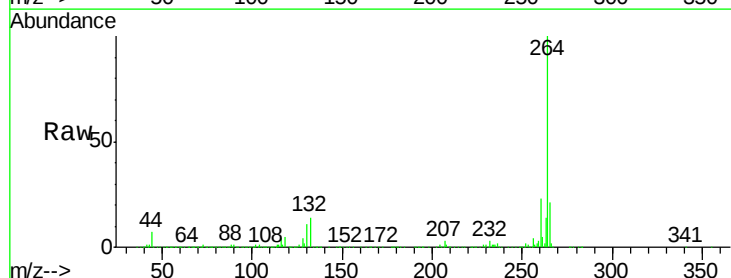


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

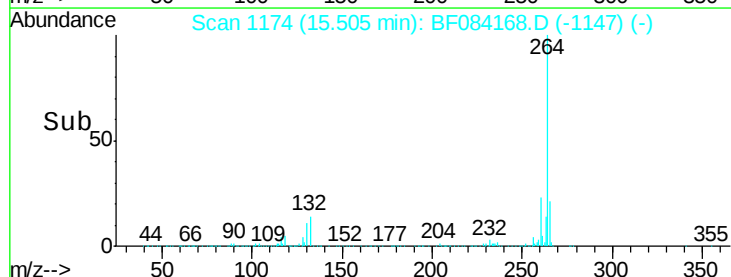
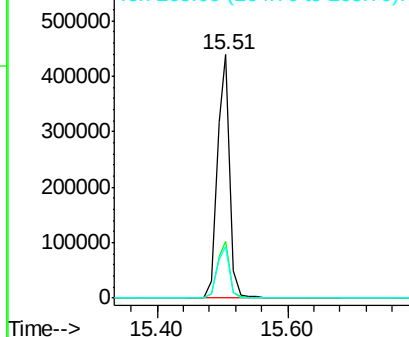


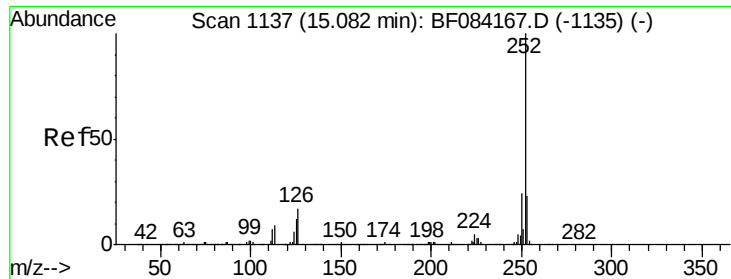
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.0	18.0	27.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.43 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:252 Resp: 1935320

Ion Ratio Lower Upper

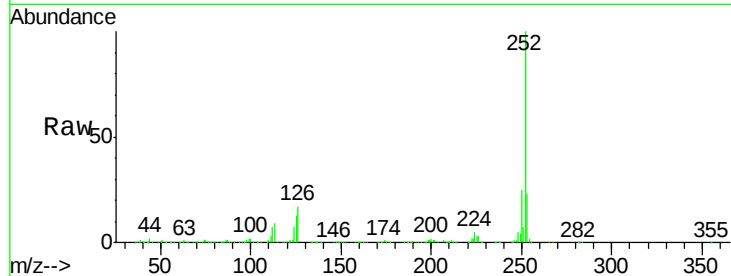
252 100

253 23.4 18.2 27.4

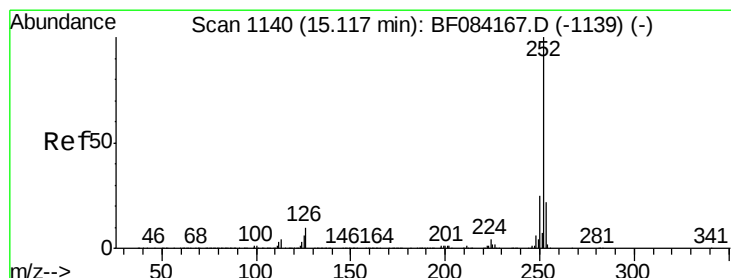
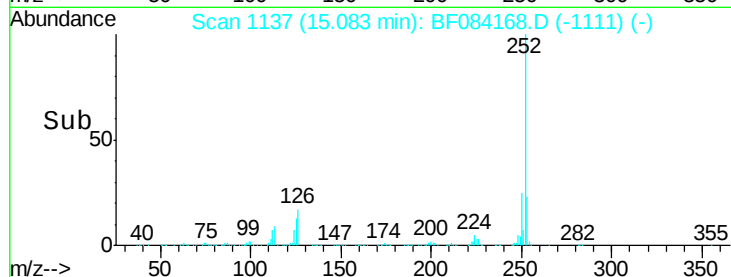
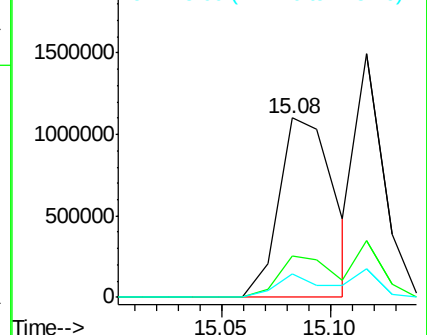
125 13.0 9.8 14.6

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



#88

Benzo(k)fluoranthene

Concen: 45.50 ng m

RT: 15.12 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tgt Ion:252 Resp: 1337779

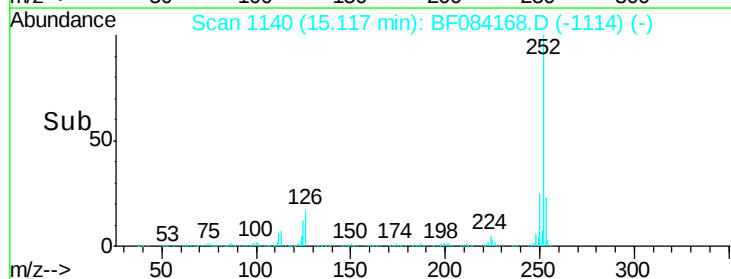
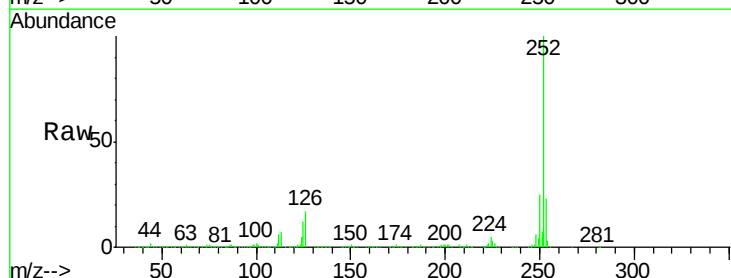
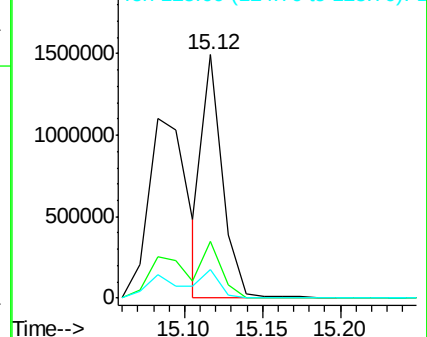
Ion Ratio Lower Upper

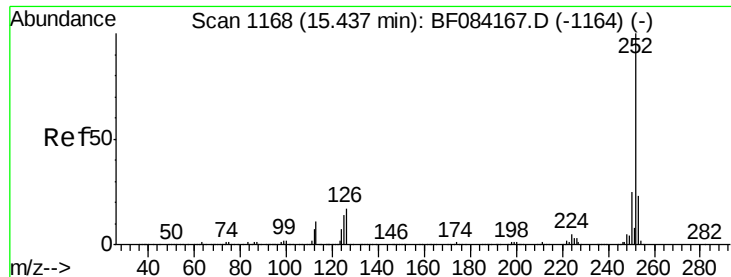
252 100

253 23.4 17.9 26.9

125 11.7 8.2 12.2

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





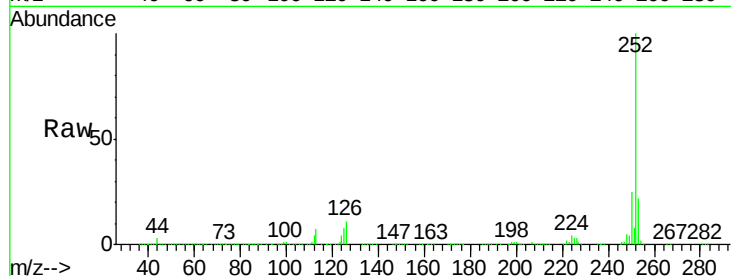
#89
Benzo(a)pyrene
Concen: 45.26 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	7.7	11.1	16.7

Manual Integrations
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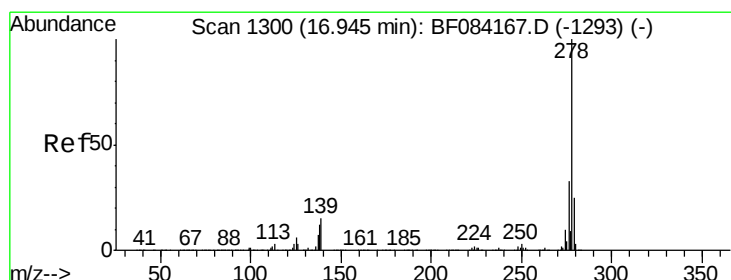
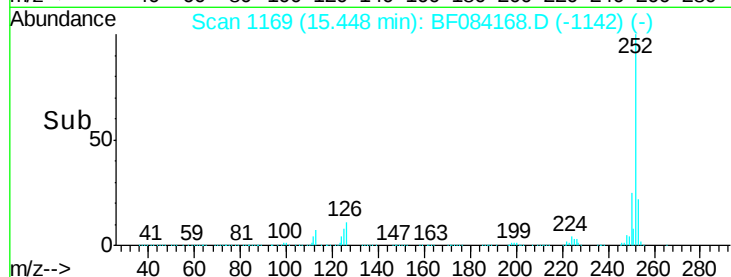
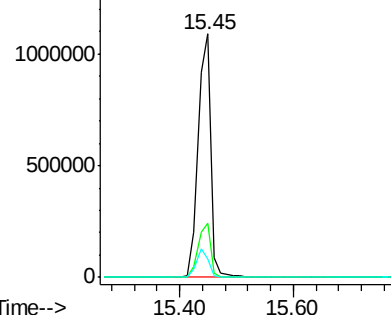


Abundance

Ion 252.00 (251.70 to 252.70): E

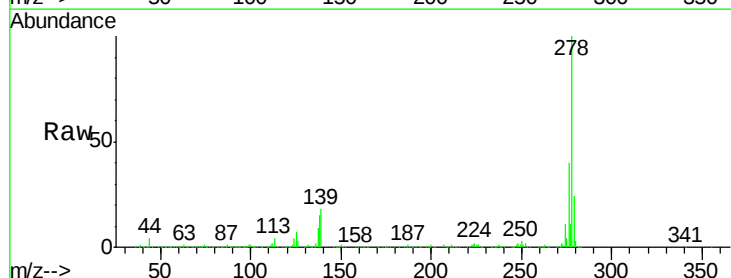
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 42.04 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084168.D
Acq: 31 Dec 2015 1:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	11.9	17.9
279	24.2	19.7	29.5

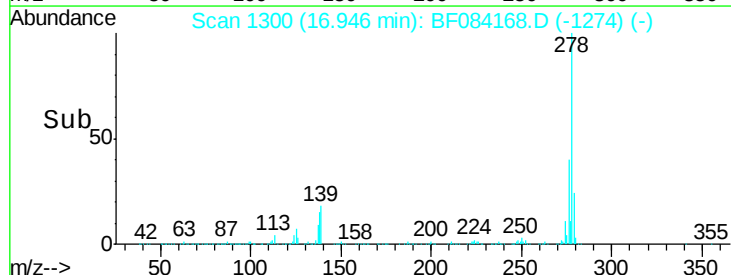
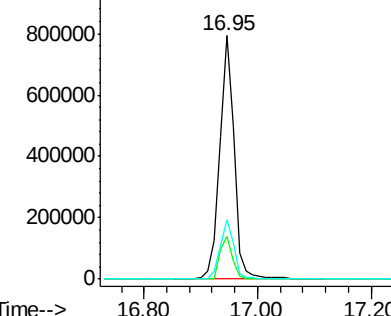


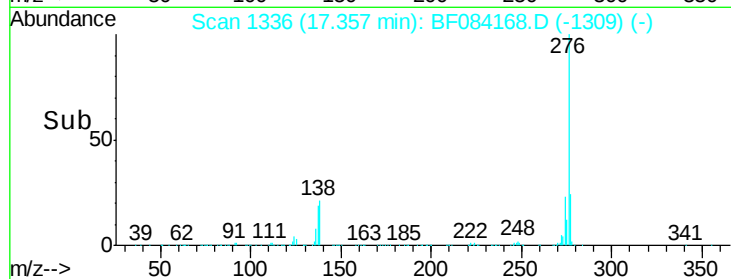
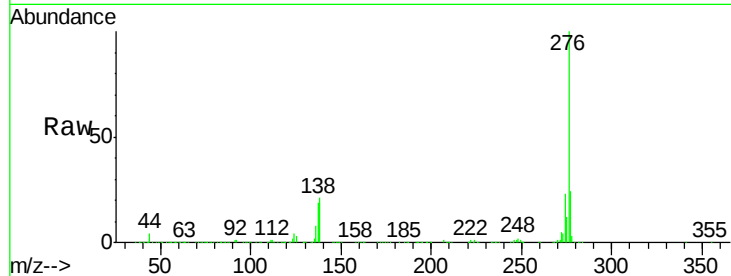
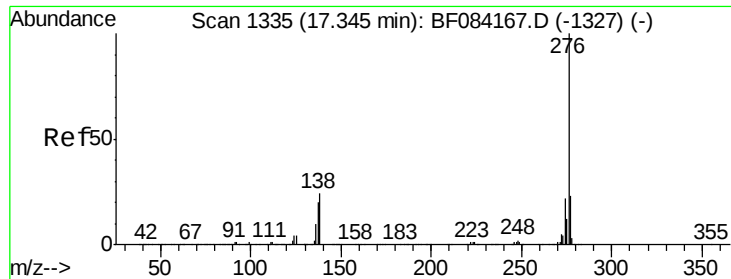
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.16 ng

RT: 17.36 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF084168.D

Acq: 31 Dec 2015 1:22

Tot Ion: 276 Resp: 1505005

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 21.3 19.4 29.2

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

Sohil
12/31/2015 6:41:22 PM

