

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083283.D
 Acq On : 25 Nov 2015 19:52
 Operator : UM/IZ
 Sample : G4559-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

Manual Integrations
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 11/26/2015 6:43:39 PM

Quant Time: Nov 26 02:49:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	157447	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	603156	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	296799	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	562572	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	434054	20.00	ng	-0.08
86) Perylene-d12	15.07	264	374819	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1254384	120.45	ng	-0.09
7) Phenol-d6	6.26	99	1653021	122.68	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1109288	84.04	ng	-0.07
41) 2,4,6-Tribromophenol	10.42	330	352388	116.05	ng	-0.07
44) 2-Fluorobiphenyl	8.96	172	1525210	71.66	ng	-0.07
78) Terphenyl-d14	12.68	244	1385385	75.16	ng	-0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	186392	36.13	ng	# 85
3) Pyridine	2.74	79	222386m	16.32	ng	
4) n-Nitrosodimethylamine	2.65	42	289218	46.02	ng	88
6) Aniline	6.25	93	412738	25.06	ng	90
8) 2-Chlorophenol	6.38	128	482238	42.86	ng	94
9) Benzaldehyde	6.12	77	292371	44.84	ng	93
10) Phenol	6.27	94	761879	46.74	ng	# 79
11) bis(2-Chloroethyl)ether	6.33	93	525710	45.17	ng	92
12) 1,3-Dichlorobenzene	6.52	146	510265	39.72	ng	97
13) 1,4-Dichlorobenzene	6.60	146	547615	42.14	ng	98
14) 1,2-Dichlorobenzene	6.76	146	480893	40.71	ng	96
15) Benzyl Alcohol	6.75	79	495417	44.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	927601	51.11	ng	95
17) 2-Methylphenol	6.88	107	417114	44.80	ng	96
18) Hexachloroethane	7.10	117	184300	40.26	ng	# 81
19) n-Nitroso-di-n-propylamine	7.02	70	415415	44.30	ng	97
20) 3+4-Methylphenols	7.04	107	563608	47.89	ng	97
22) Acetophenone	7.02	105	730569	42.19	ng	# 93
24) Nitrobenzene	7.18	77	569815	40.40	ng	96
25) Isophorone	7.43	82	1081717	43.28	ng	98
26) 2-Nitrophenol	7.50	139	245009	39.35	ng	# 83
27) 2,4-Dimethylphenol	7.56	122	458493	46.14	ng	93
28) bis(2-Chloroethoxy)methane	7.64	93	654493	45.04	ng	100
29) 2,4-Dichlorophenol	7.75	162	411263	43.51	ng	91
30) 1,2,4-Trichlorobenzene	7.83	180	429320	41.35	ng	96
31) Naphthalene	7.90	128	1317710	40.48	ng	99
32) Benzoic acid	7.70	122	231342	29.95	ng	97
33) 4-Chloroaniline	7.96	127	222017	17.58	ng	# 90
34) Hexachlorobutadiene	8.02	225	230797	37.62	ng	99
35) Caprolactam	8.34	113	131770m	43.50	ng	
36) 4-Chloro-3-methylphenol	8.47	107	459692	41.99	ng	91
37) 2-Methylnaphthalene	8.59	142	953279	45.12	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	403038	41.90	ng	98
40) Hexachlorocyclopentadiene	8.75	237	364860	66.70	ng	97

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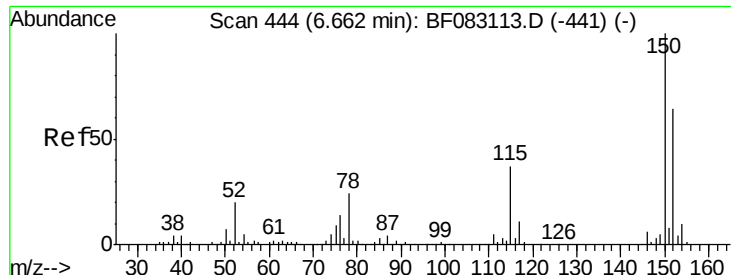
Manual Integrations
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 11/26/2015 6:43:39 PM

Quant Time: Nov 26 02:49:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	285483	41.44	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	306950	43.57	nq	# 86
45) 1,1'-Biphenyl	9.06	154	1101204	43.59	nq	99
46) 2-Chloronaphthalene	9.07	162	832552	41.96	nq	93
47) 2-Nitroaniline	9.19	65	353537	50.37	nq	# 81
48) Acenaphthylene	9.48	152	1277352	41.54	nq	100
49) Dimethylphthalate	9.37	163	1349615	59.06	nq	100
50) 2,6-Dinitrotoluene	9.43	165	225551	43.99	nq	89
51) Acenaphthene	9.66	154	767823	41.03	nq	98
52) 3-Nitroaniline	9.60	138	165611	30.30	nq	87
53) 2,4-Dinitrophenol	9.70	184	216163	73.18	nq	88
54) Dibenzofuran	9.84	168	1191710	45.04	nq	94
55) 4-Nitrophenol	9.79	139	360672	86.04	nq	# 77
56) 2,4-Dinitrotoluene	9.83	165	283296	43.61	nq	96
57) Fluorene	10.17	166	883605	40.41	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	243360	42.11	nq	95
59) Diethylphthalate	10.07	149	989328	43.50	nq	97
60) 4-Chlorophenyl-phenylether	10.17	204	429286	42.86	nq	92
61) 4-Nitroaniline	10.22	138	240021	44.60	nq	93
62) Azobenzene	10.33	77	1231047	47.42	nq	97
64) 4,6-Dinitro-2-methylphenol	10.24	198	175276	45.22	nq	90
65) n-Nitrosodiphenylamine	10.30	169	862266	45.06	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	249343	39.94	nq	# 86
67) Hexachlorobenzene	10.72	284	284903	41.44	nq	96
68) Atrazine	10.83	200	280286	50.45	nq	94
69) Pentachlorophenol	10.92	266	334043	74.60	nq	98
70) Phenanthrene	11.13	178	1351342	41.69	nq	99
71) Anthracene	11.18	178	1381994	41.79	nq	100
72) Carbazole	11.34	167	1154461	39.28	nq	99
73) Di-n-butylphthalate	11.68	149	1439525	40.12	nq	100
74) Fluoranthene	12.31	202	1350328	40.71	nq	96
76) Benzidine	12.43	184	196125	17.24	nq	98
77) Pyrene	12.52	202	1261506	42.54	nq	99
79) Butylbenzylphthalate	13.16	149	580805	41.38	nq	95
80) Benzo(a)anthracene	13.71	228	1084441	40.40	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	244497	26.17	nq	97
82) Chrysene	13.75	228	832103	33.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	782844	42.71	nq	# 96
84) Di-n-octyl phthalate	14.34	149	1176939	37.30	nq	96
85) Indeno(1,2,3-cd)pyrene	16.30	276	955657	42.20	nq	96
87) Benzo(b)fluoranthene	14.71	252	1154265m	45.07	nq	
88) Benzo(k)fluoranthene	14.74	252	538476m	28.22	nq	
89) Benzo(a)pyrene	15.02	252	811274	38.37	nq	# 94
90) Dibenzo(a,h)anthracene	16.32	278	813964	42.38	nq	98
91) Benzo(g,h,i)perylene	16.66	276	794654	42.38	nq	# 94

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



#1

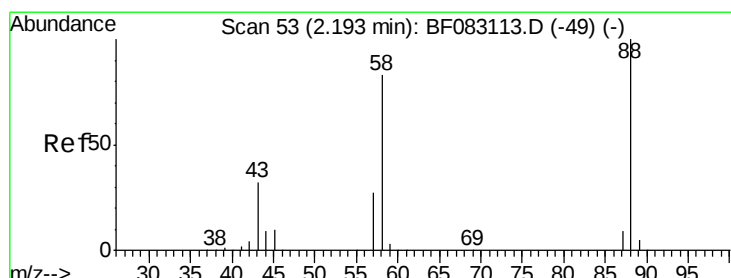
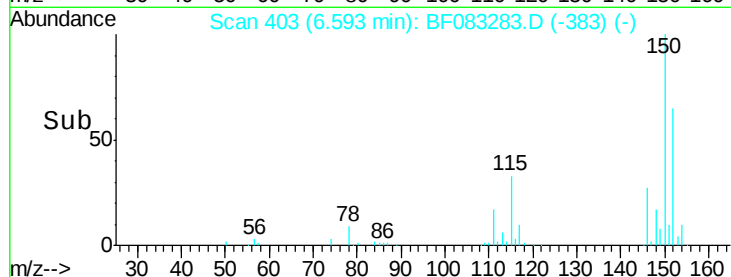
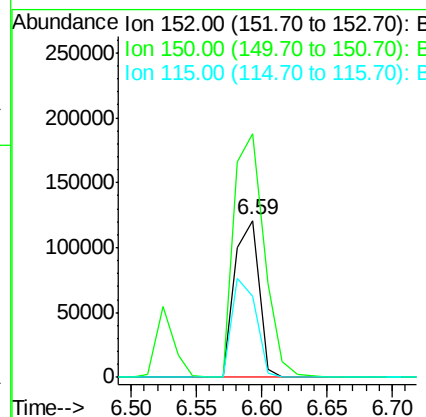
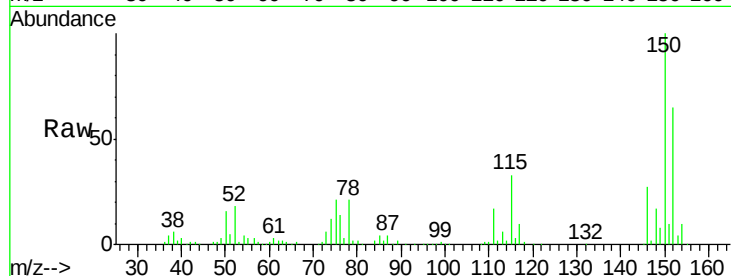
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.8	188.8
115	51.8	46.9	70.3

Manual Integrations
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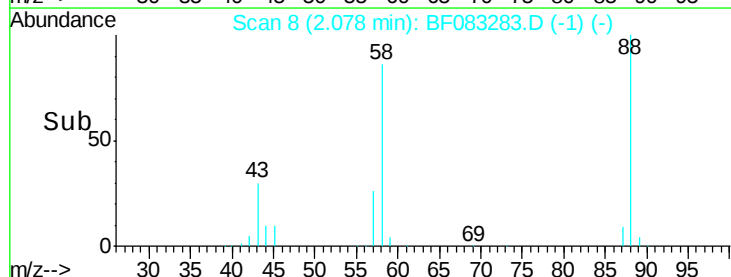
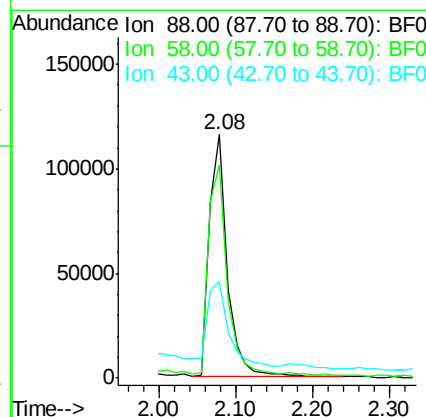
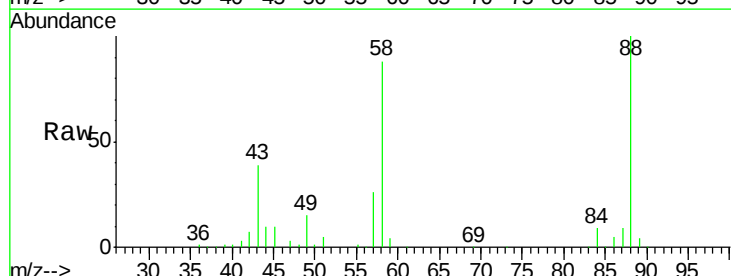
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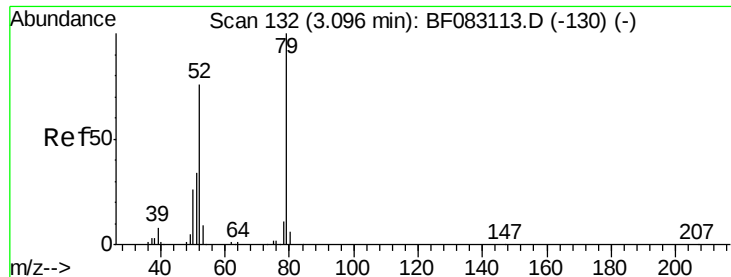


#2

1,4-Dioxane
Concen: 36.13 ng
RT: 2.08 min Scan# 8
Delta R.T. -0.11 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.0	65.0	97.6
43	39.5	24.7	37.1#





#3

Pvridine

Concen: 16.32 ng/ml

RT: 2.74 min Scan# 66

Delta R.T. -0.35 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

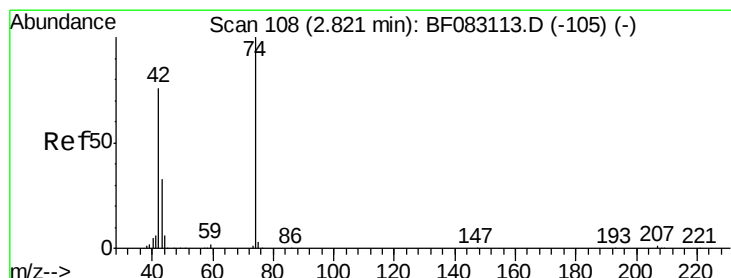
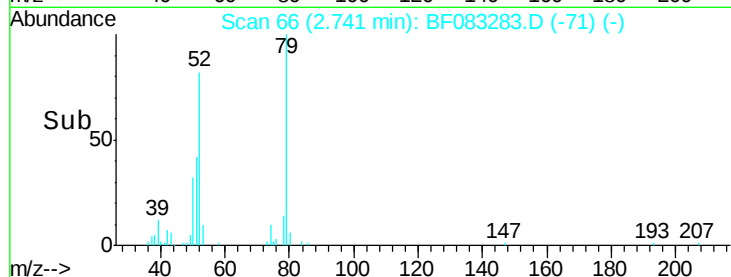
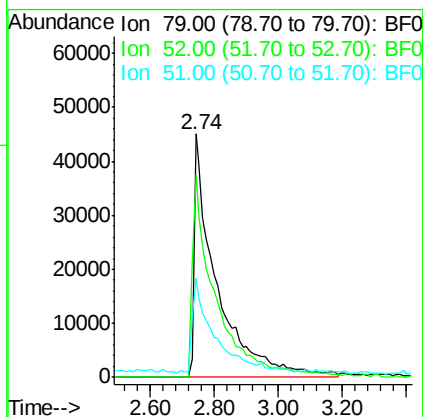
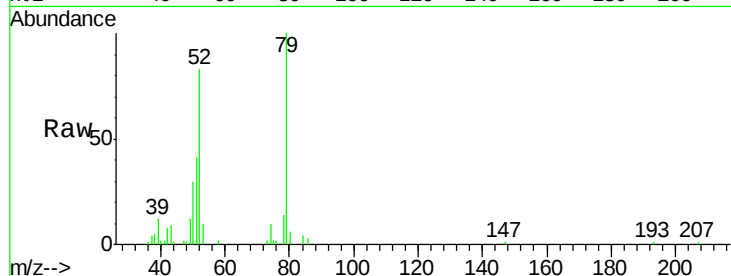
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	79	Resp:	222386
Ion Ratio	Lower	Upper	
79	100		
52	83.3	60.7	91.1
51	40.8	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 46.02 ng/ml

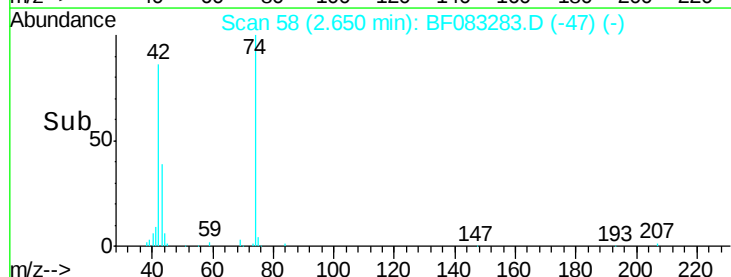
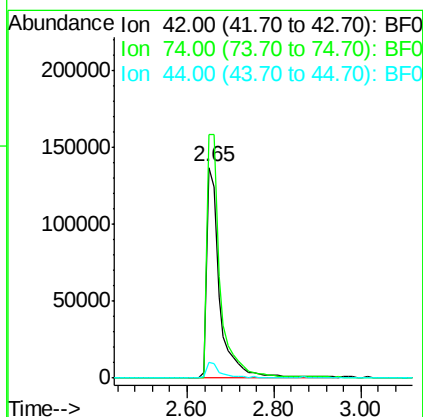
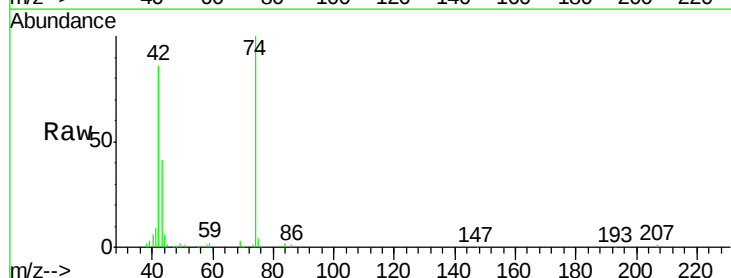
RT: 2.65 min Scan# 58

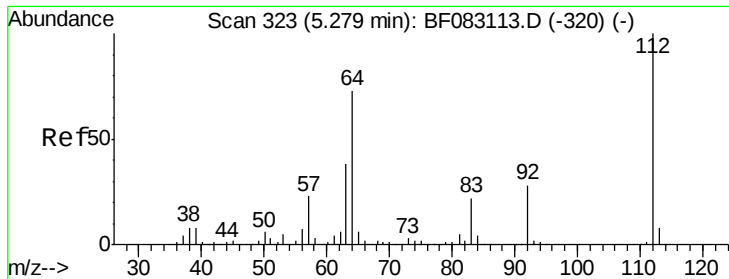
Delta R.T. -0.17 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	42	Resp:	289218
Ion Ratio	Lower	Upper	
42	100		
74	115.6	104.8	157.2
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 120.45 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

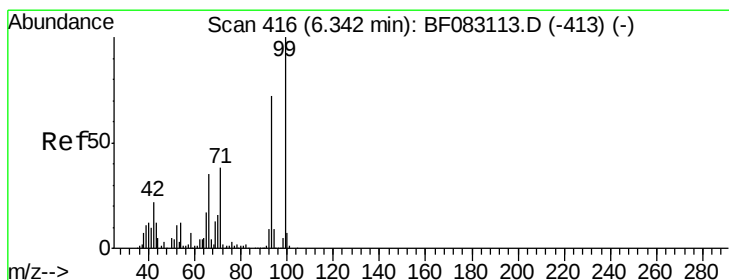
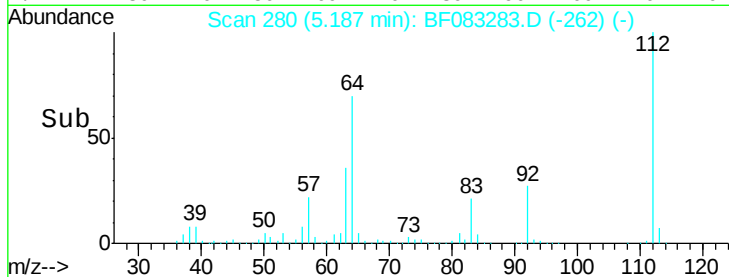
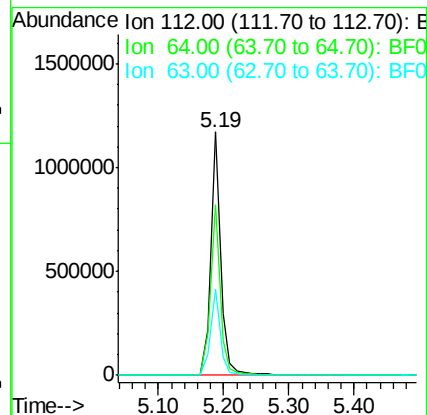
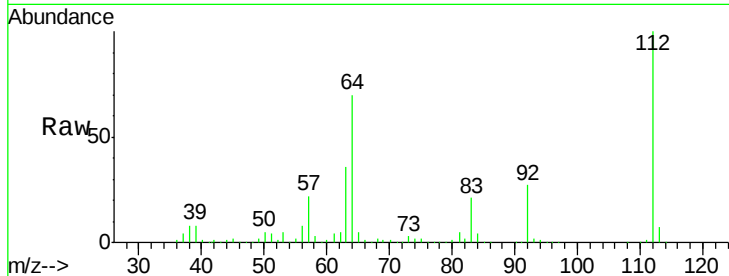
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	112	Resp:	1254384
Ion	Ratio	Lower	Upper
112	100		
64	69.9	58.4	87.6
63	35.5	30.0	45.0

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#6

Aniline

Concen: 25.06 ng

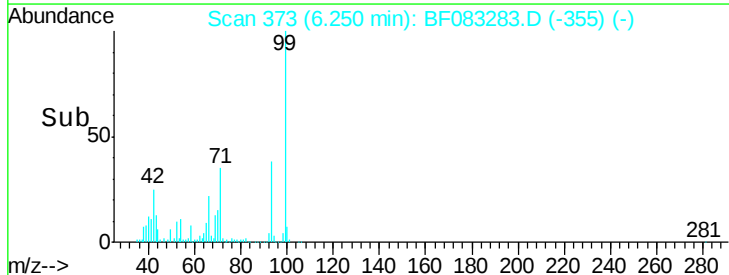
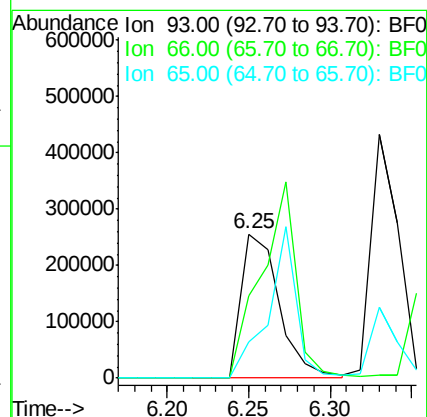
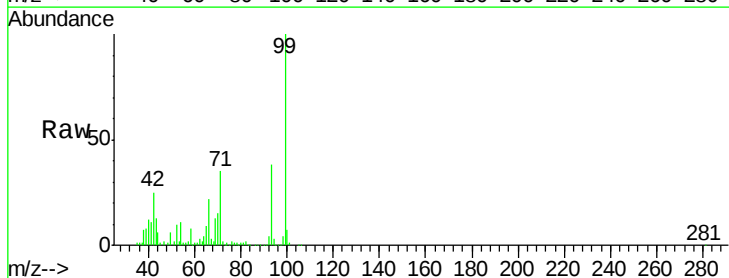
RT: 6.25 min Scan# 373

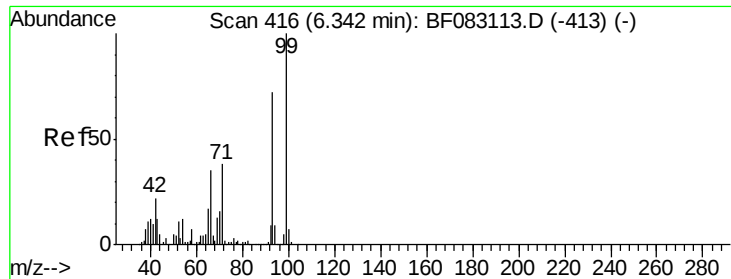
Delta R.T. -0.09 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	93	Resp:	412738
Ion	Ratio	Lower	Upper
93	100		
66	56.8	38.7	58.1
65	25.0	18.6	27.8





#7

Phenol-d6

Concen: 122.68 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MSD

Tot Ion: 99 Resp: 1653021

Ion Ratio Lower Upper

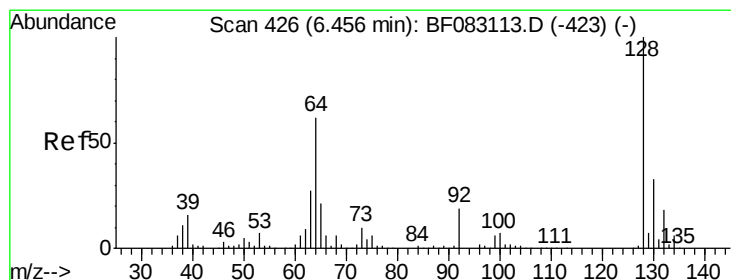
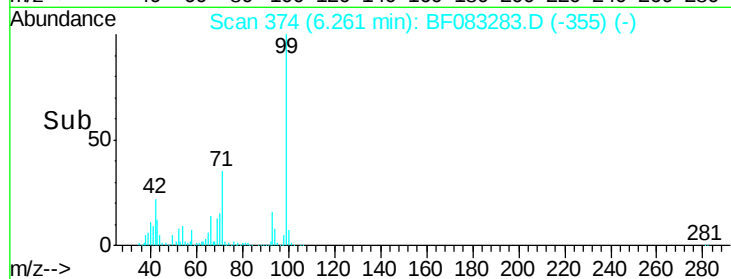
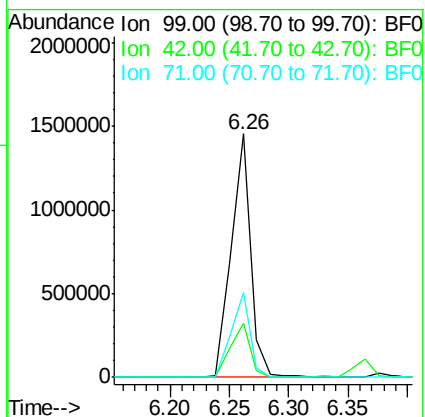
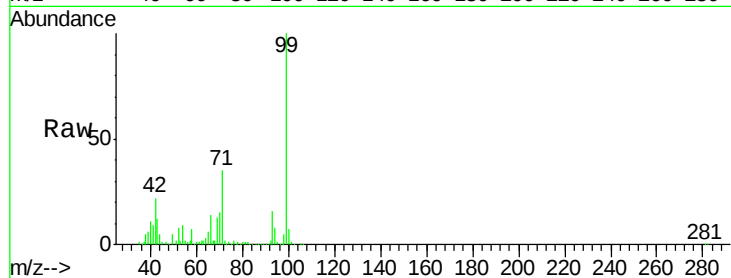
99 100

42 22.2 17.7 26.5

71 35.0 30.2 45.4

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#8

2-Chlorophenol

Concen: 42.86 ng

RT: 6.38 min Scan# 384

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

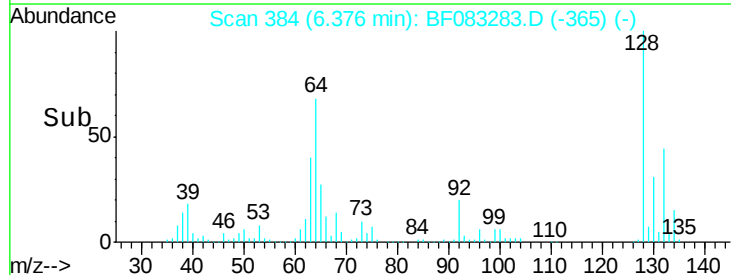
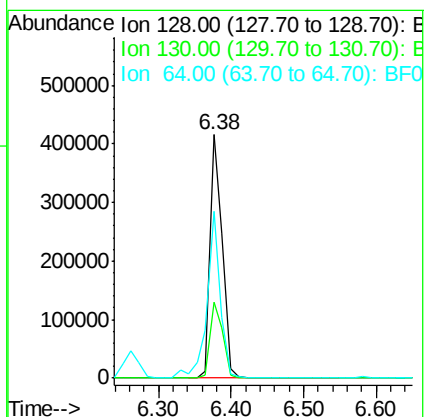
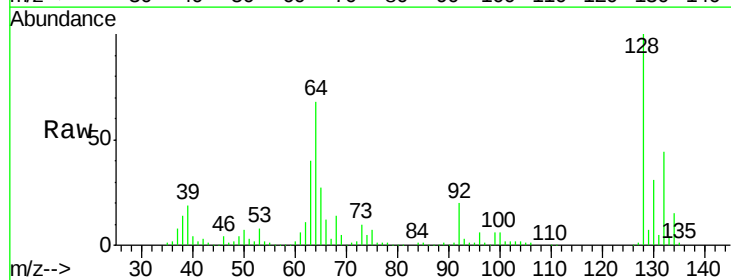
Tgt Ion: 128 Resp: 482238

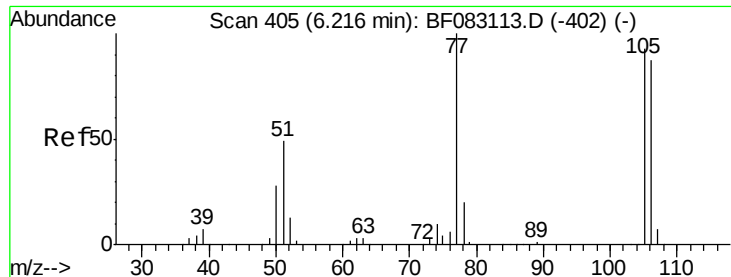
Ion Ratio Lower Upper

128 100

130 31.3 12.6 52.6

64 68.4 41.9 81.9





#9

Benzaldehyde

Concen: 44.84 ng

RT: 6.12 min Scan# 362

Delta R.T. -0.09 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MSD

Tot Ion: 77 Resp: 292371

Ion Ratio Lower Upper

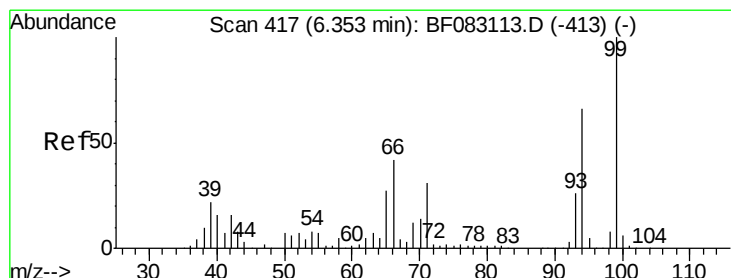
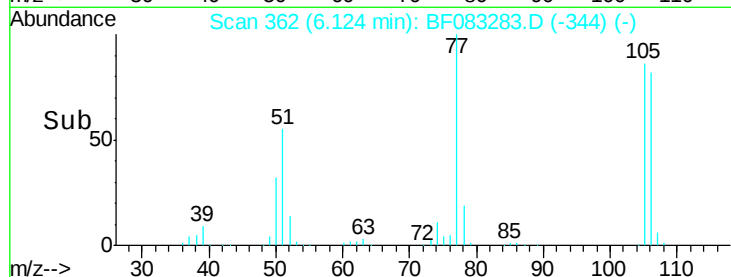
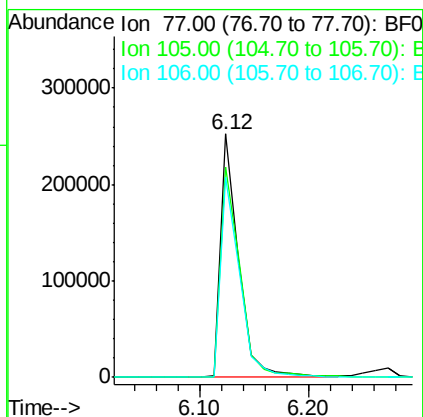
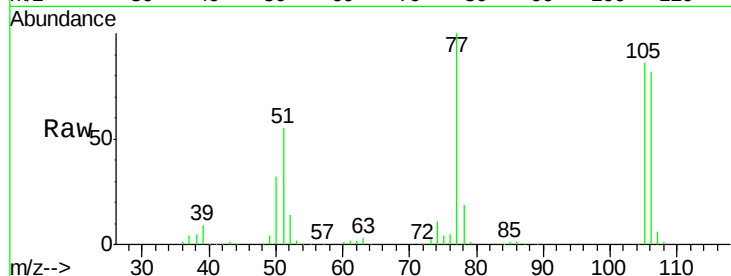
77 100

105 86.3 73.4 113.4

106 82.0 67.5 107.5

Manual Integrations
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#10

Phenol

Concen: 46.74 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

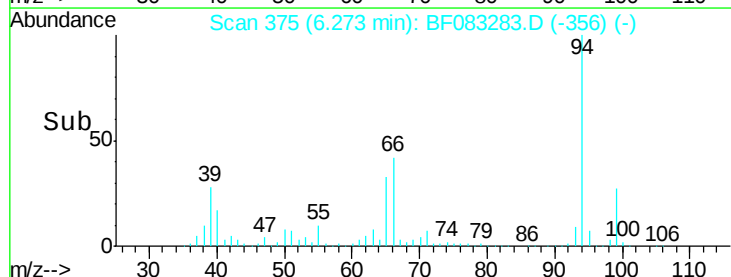
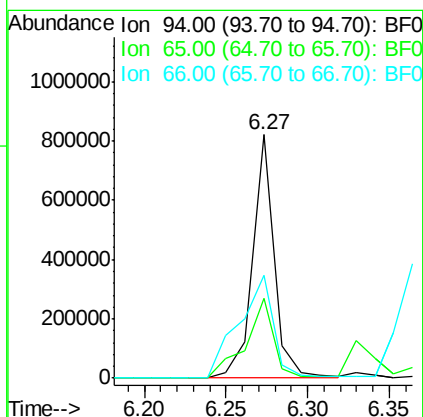
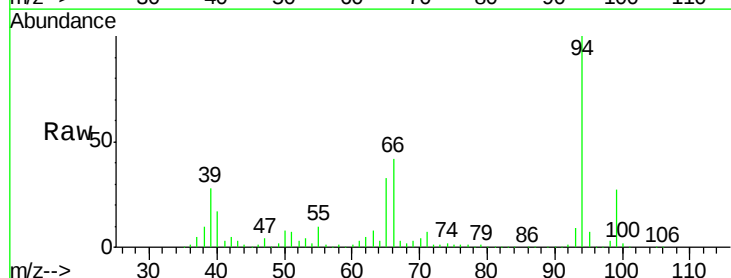
Tgt Ion: 94 Resp: 761879

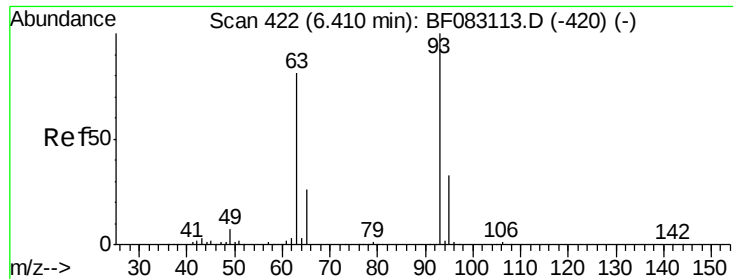
Ion Ratio Lower Upper

94 100

65 32.8 21.1 61.1

66 42.4 43.1 83.1#





#11

bis(2-Chloroethyl)ether

Concen: 45.17 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

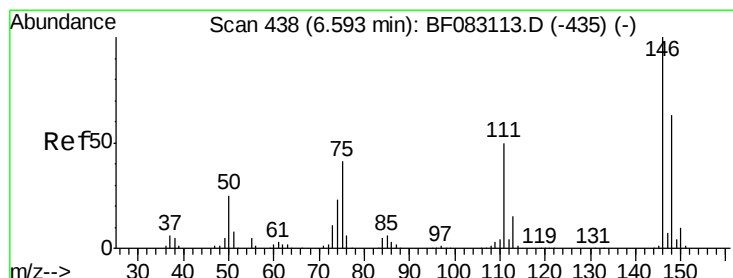
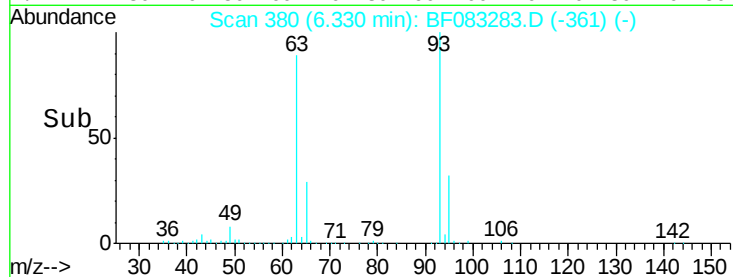
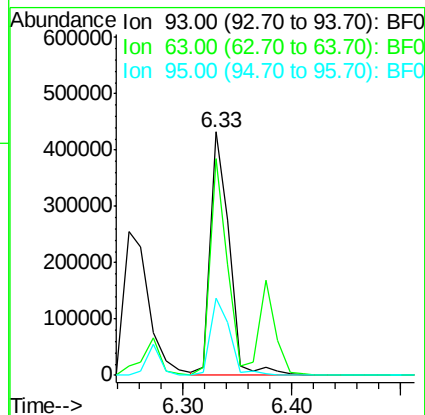
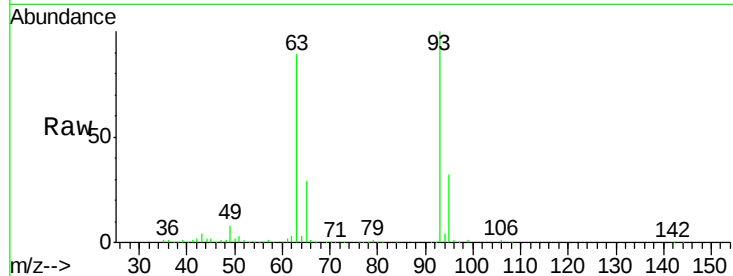
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	93	Resp:	525710
Ion Ratio	Lower	Upper	
93	100		
63	88.9	59.8	99.8
95	31.8	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 39.72 ng

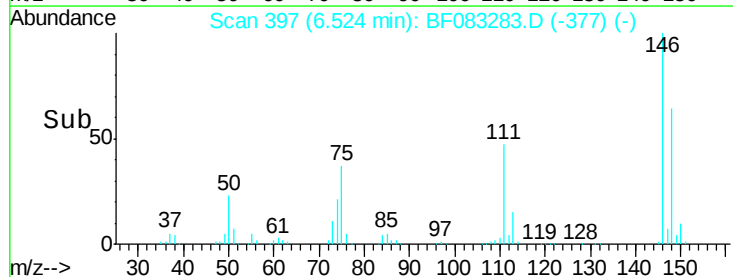
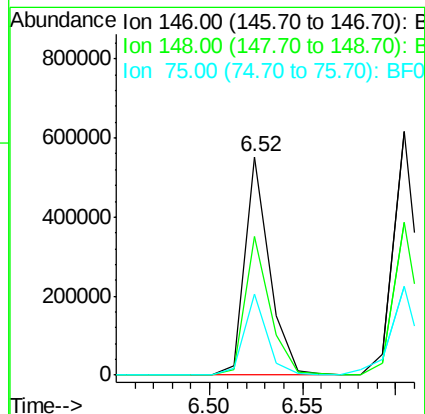
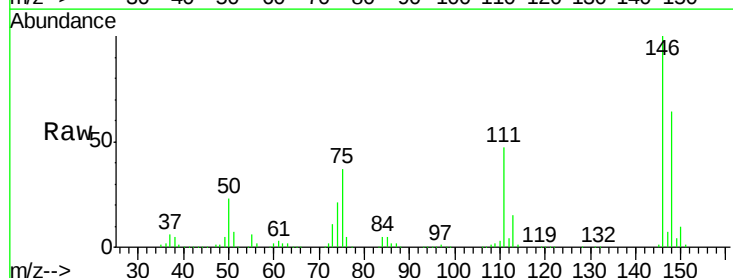
RT: 6.52 min Scan# 397

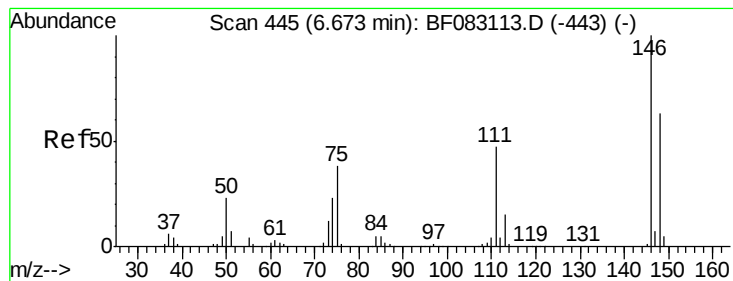
Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	146	Resp:	510265
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.2	75.2
75	36.9	32.7	49.1





#13

1,4-Dichlorobenzene

Concen: 42.14 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

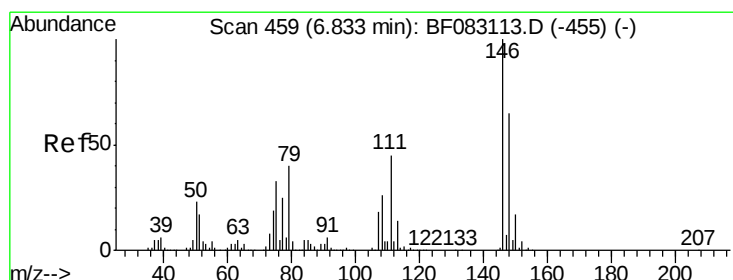
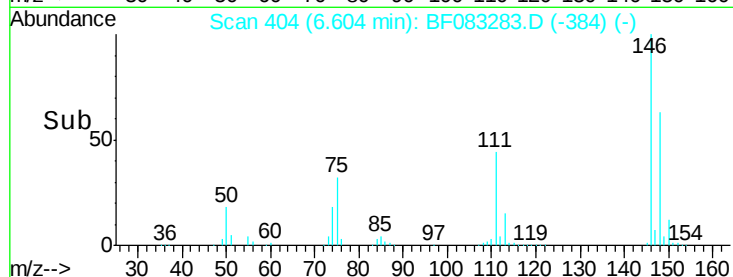
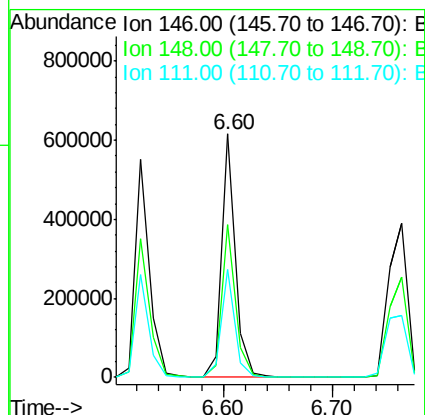
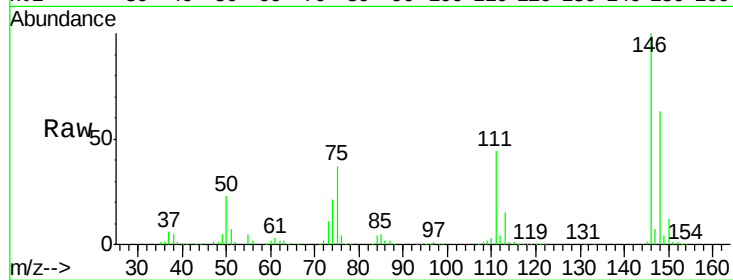
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	146	Resp:	547615
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.2	75.2
111	44.4	37.5	56.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.71 ng

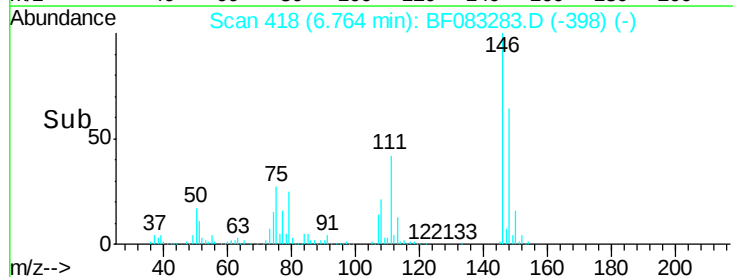
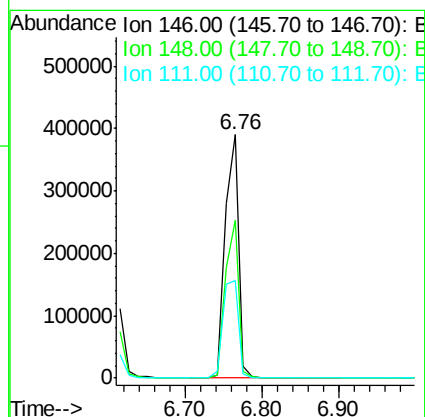
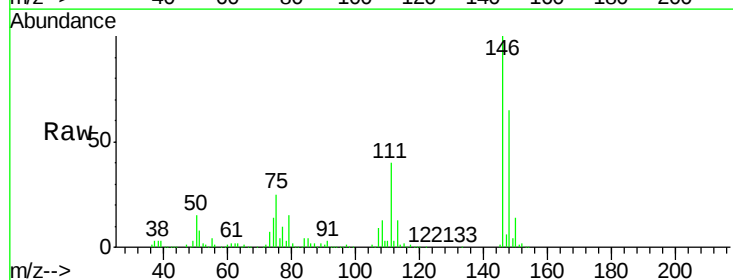
RT: 6.76 min Scan# 418

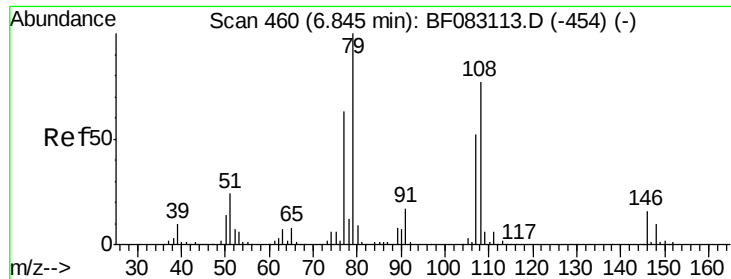
Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	146	Resp:	480893
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.6
111	40.0	36.2	54.4





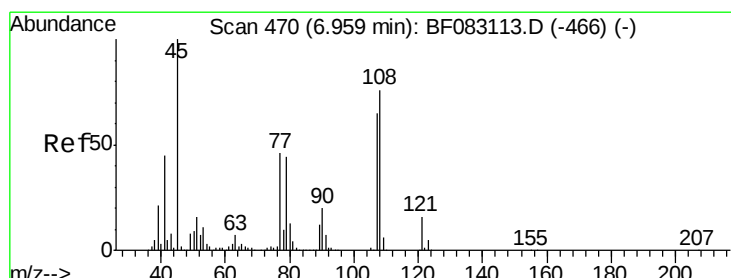
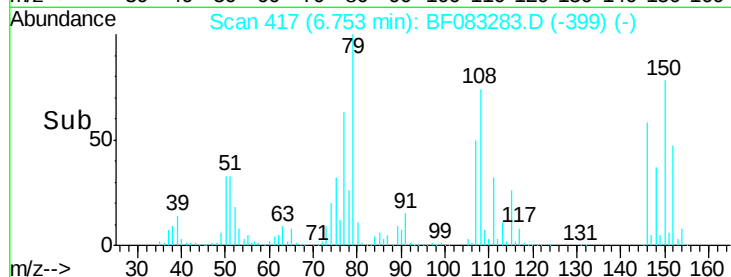
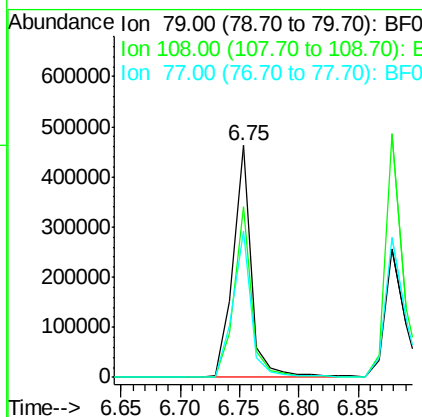
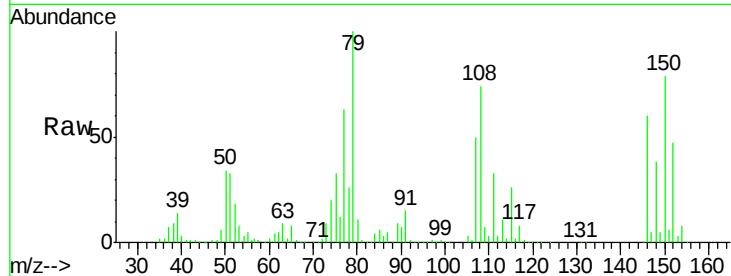
#15
Benzyl Alcohol
Concen: 44.00 ng
RT: 6.75 min Scan# 417
Delta R.T. -0.09 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	495417		
108	73.6	61.4	92.2	
77	63.3	50.5	75.7	

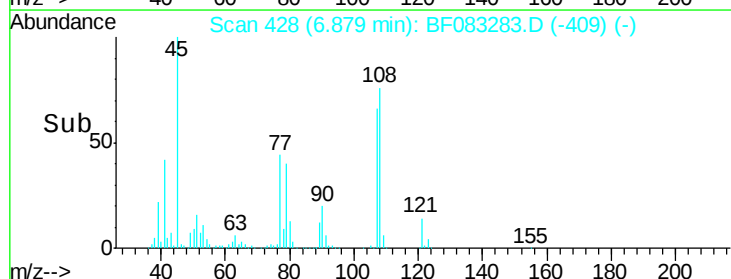
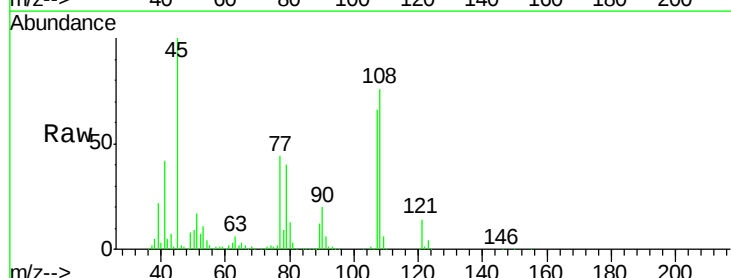
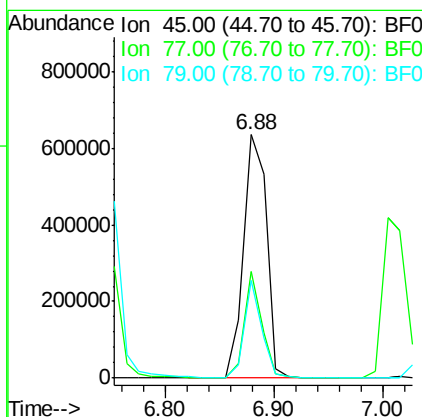
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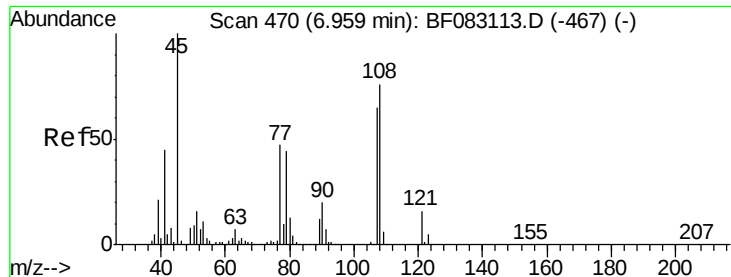
mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.11 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	927601		
77	44.0	26.7	66.7	
79	40.4	24.3	64.3	





#17

2-Methylphenol

Concen: 44.80 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.08 min

Lab File: BF083283.D

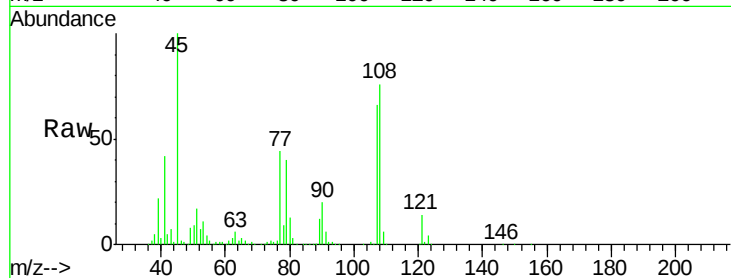
Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

ClientSampleId :

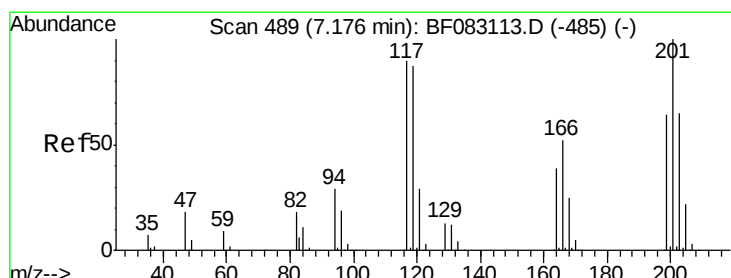
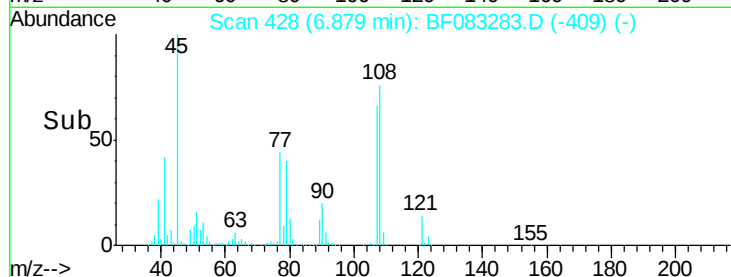
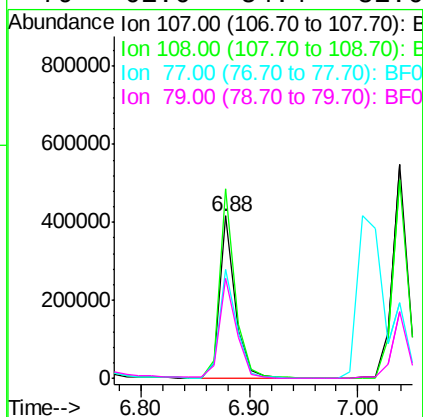
P001-BF005-01MSD



Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.6	93.8	140.6	
77	67.1	57.4	86.0	
79	61.6	54.4	81.6	

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#18

Hexachloroethane

Concen: 40.26 ng

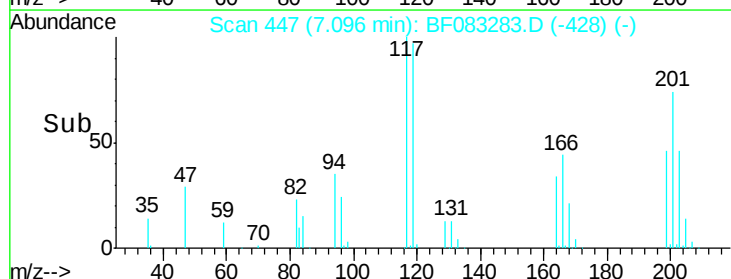
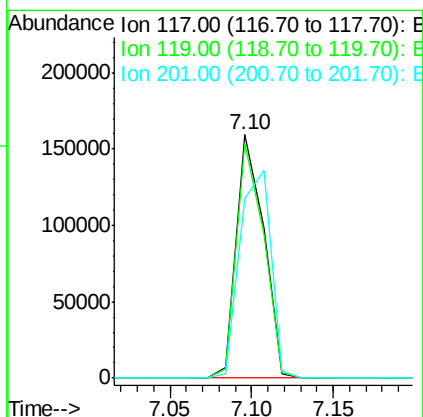
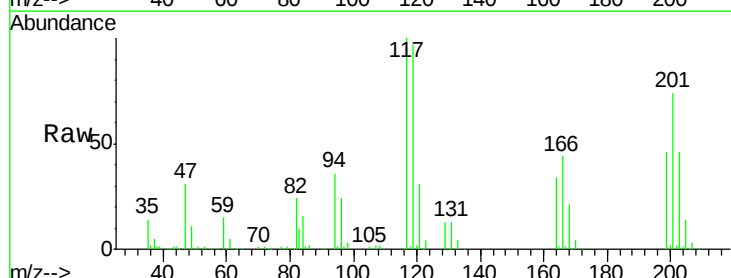
RT: 7.10 min Scan# 447

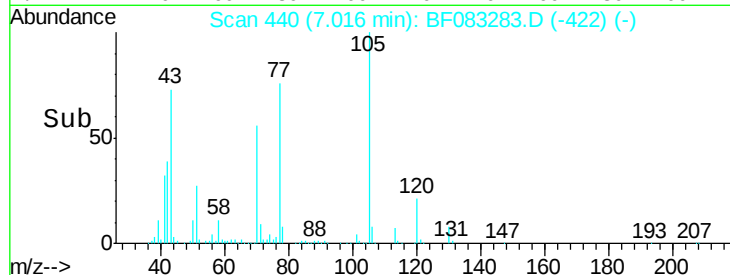
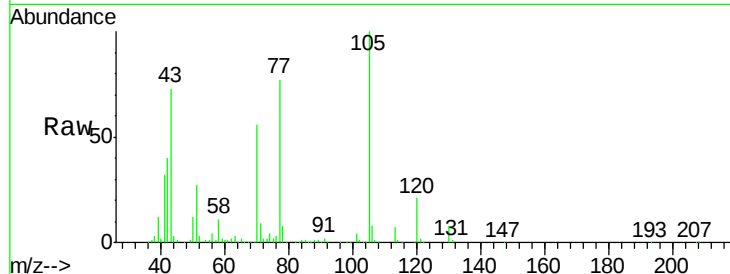
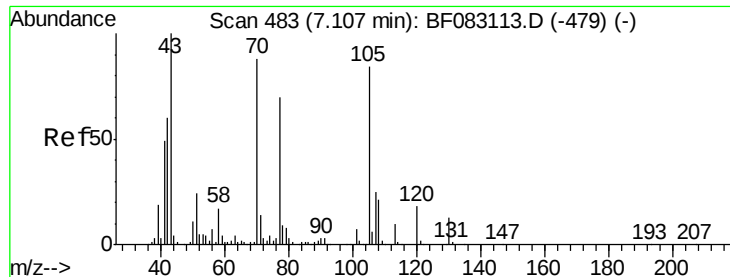
Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.8	115.2	
201	74.0	88.6	133.0#	





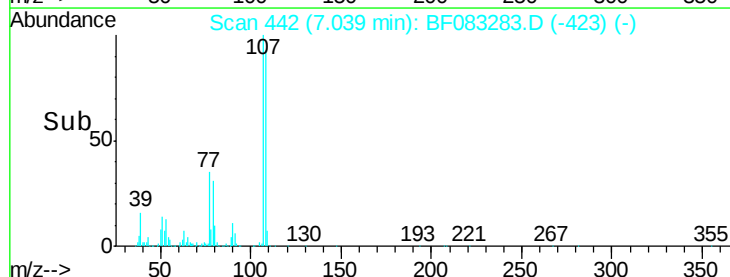
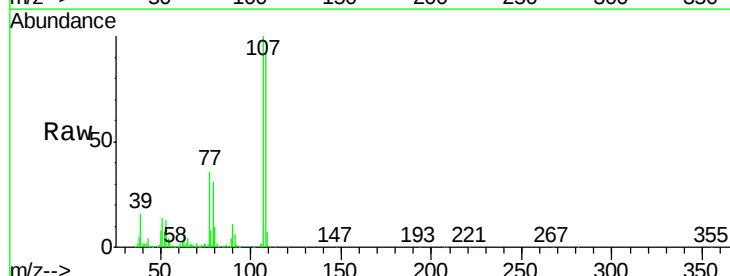
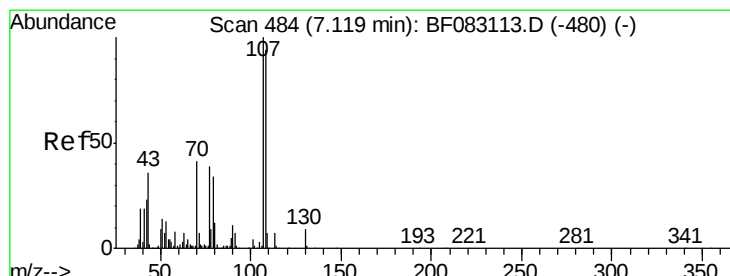
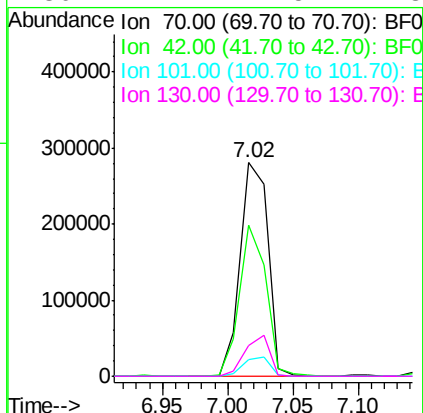
#19
n-Nitroso-di-n-propylamine
Concen: 44.30 ng
RT: 7.02 min Scan# 440
Delta R.T. -0.09 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

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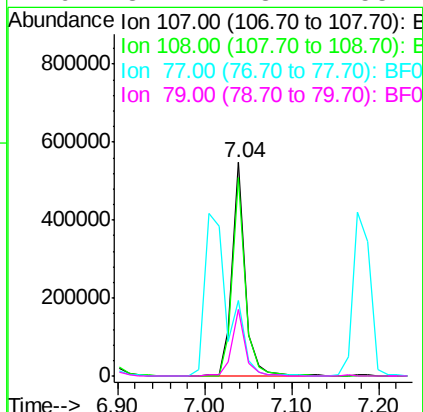
mmdadoda
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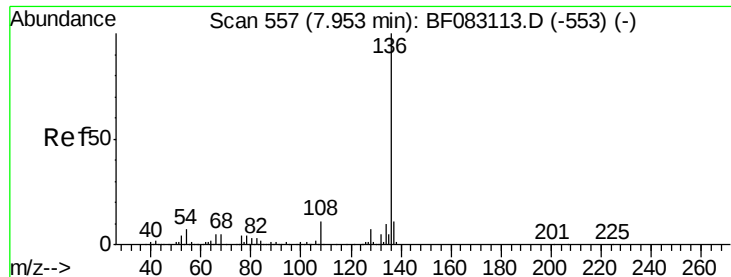
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.8	54.5	81.7	
101	8.0	6.6	9.8	
130	14.4	11.5	17.3	



#20
3+4-Methylphenols
Concen: 47.89 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	73.8	113.8	
77	35.5	19.1	59.1	
79	31.2	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

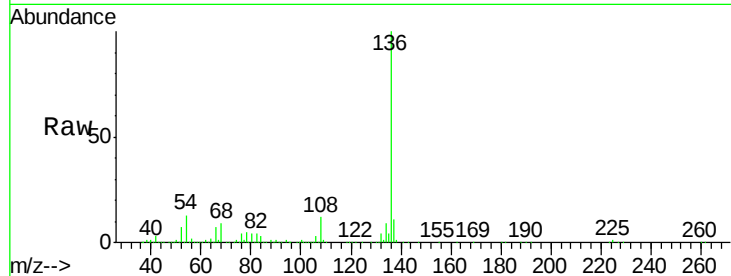
ClientSampleId :

P001-BF005-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	603156		
137	11.4	8.7	13.1	
54	12.9	5.8	8.6	
68	8.8	3.8	5.8	

Manual Integrations
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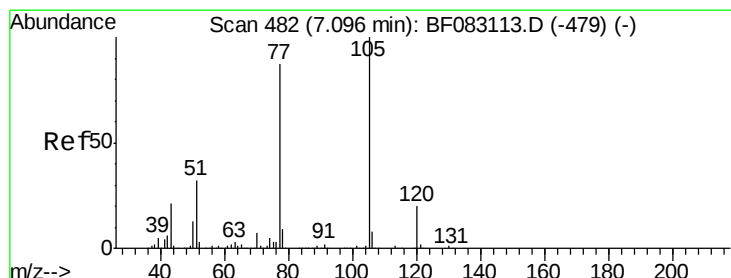
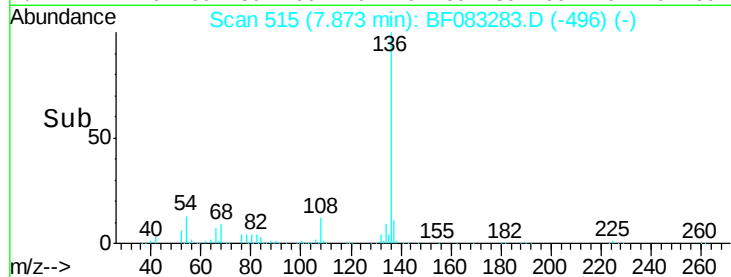
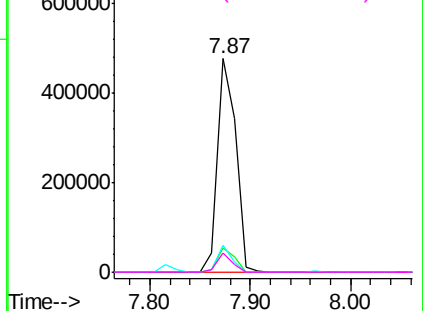
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.19 ng

RT: 7.02 min Scan# 440

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	730569		
71	9.5	1.0	1.4	
51	27.1	25.6	38.4	
120	21.0	15.8	23.6	

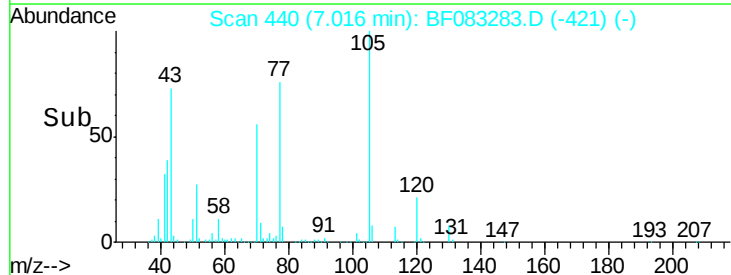
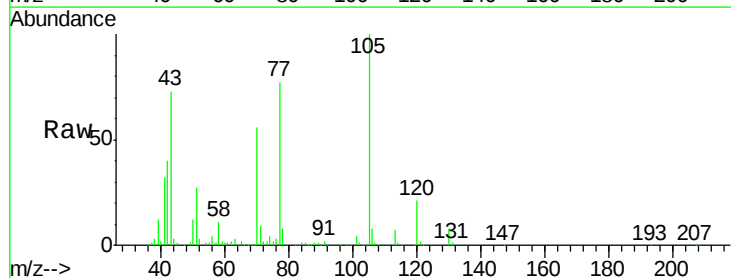
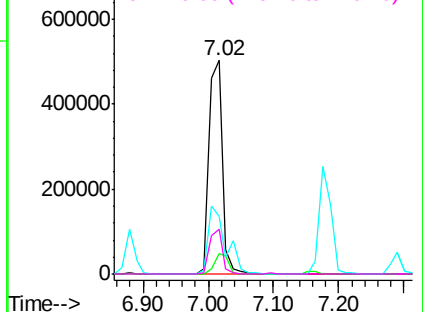
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





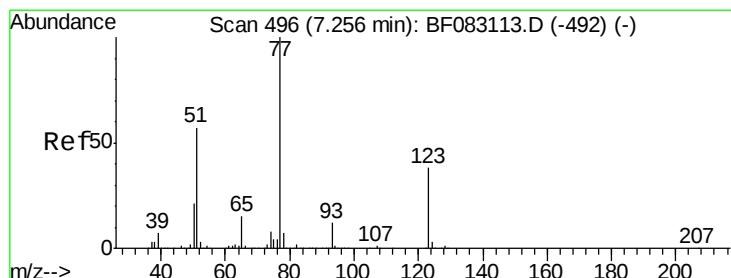
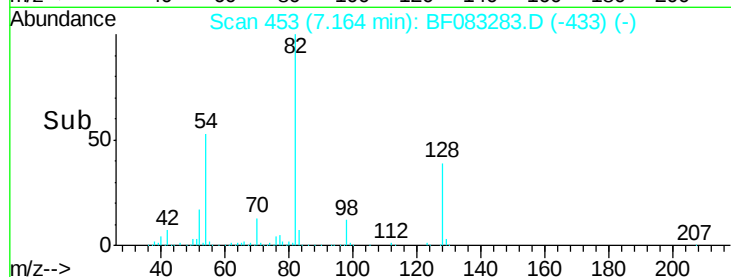
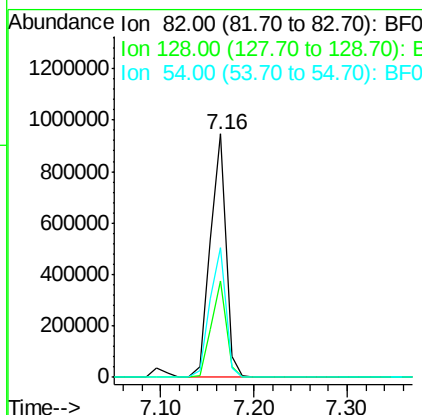
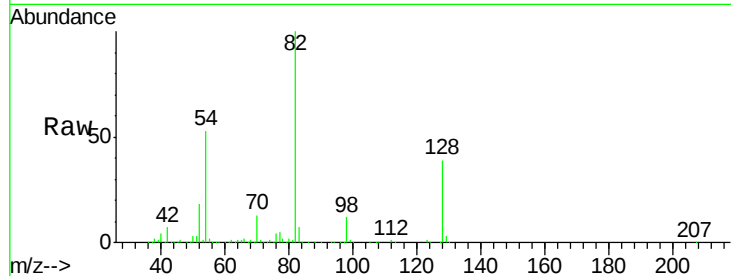
#23
Nitrobenzene-d5
Concen: 84.04 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion: 82 Resp: 1109288
Ion Ratio Lower Upper
82 100
128 39.4 28.5 42.7
54 53.3 44.6 67.0

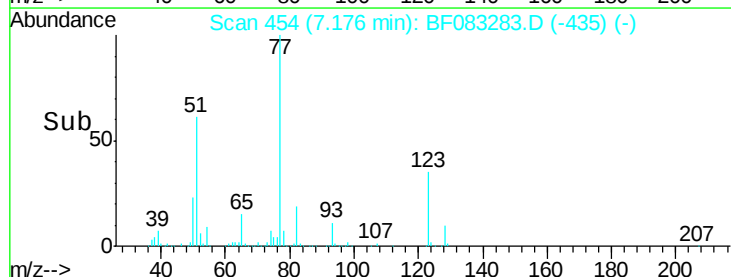
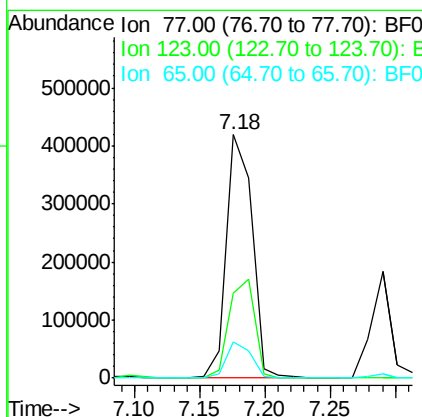
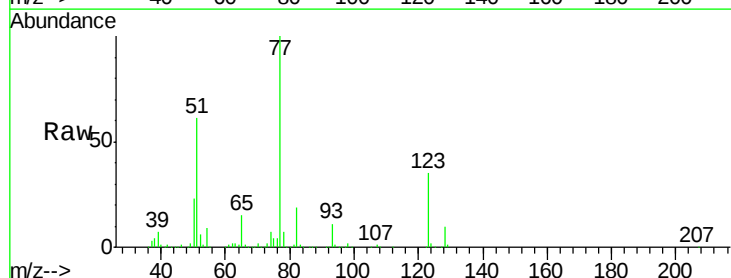
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#24
Nitrobenzene
Concen: 40.40 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion: 77 Resp: 569815
Ion Ratio Lower Upper
77 100
123 34.7 30.1 45.1
65 14.8 11.6 17.4





#25

Isophorone

Concen: 43.28 ng

RT: 7.43 min Scan# 476

Delta R.T. -0.10 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MSD

Tot Ion: 82 Resp: 1081717

Ion Ratio Lower Upper

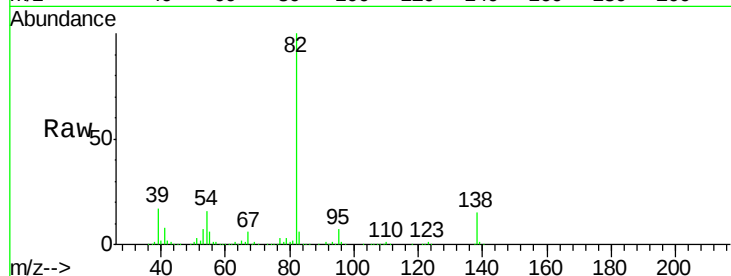
82 100

95 6.6 5.8 8.8

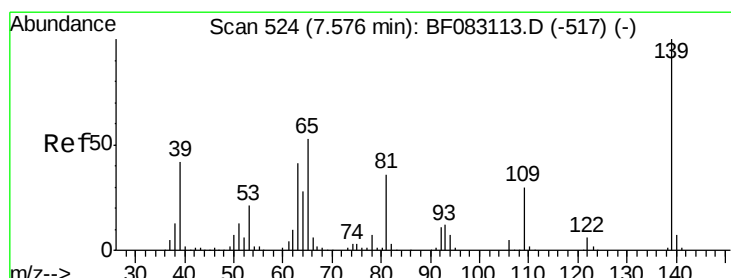
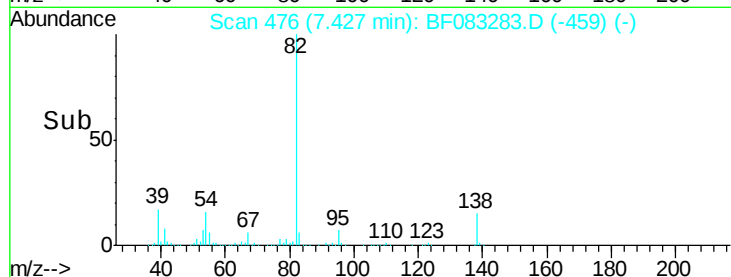
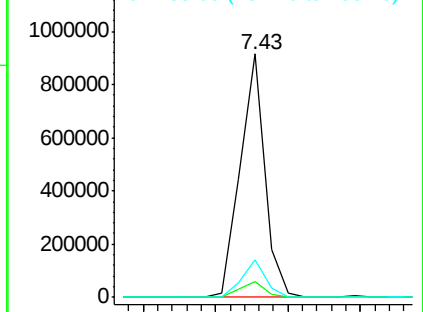
138 15.3 11.6 17.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.35 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

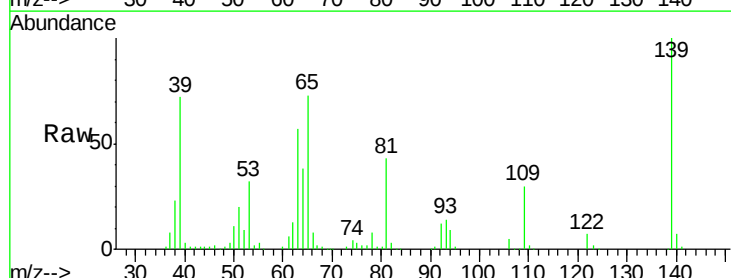
Tgt Ion: 139 Resp: 245009

Ion Ratio Lower Upper

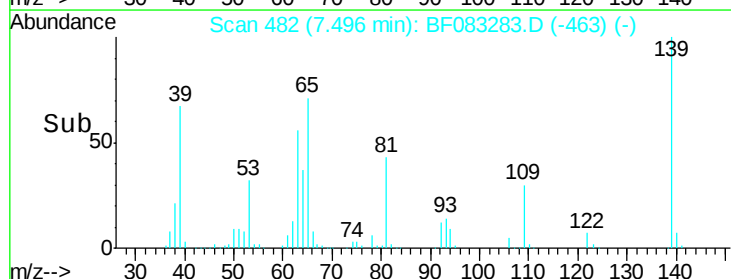
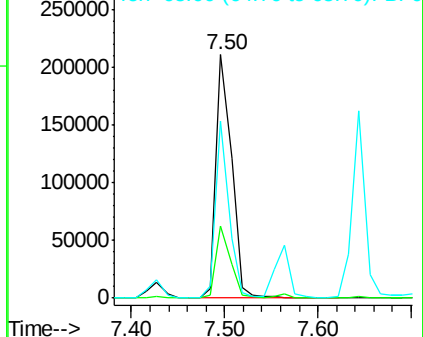
139 100

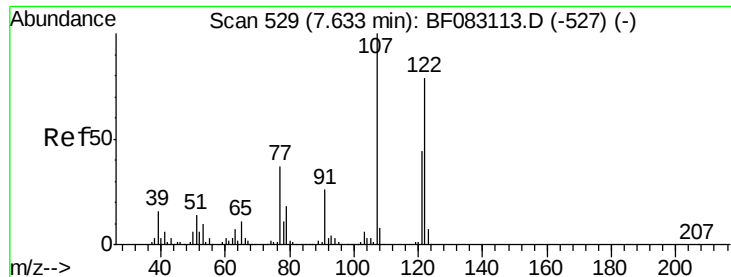
109 29.9 23.9 35.9

65 72.5 42.7 64.1#



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





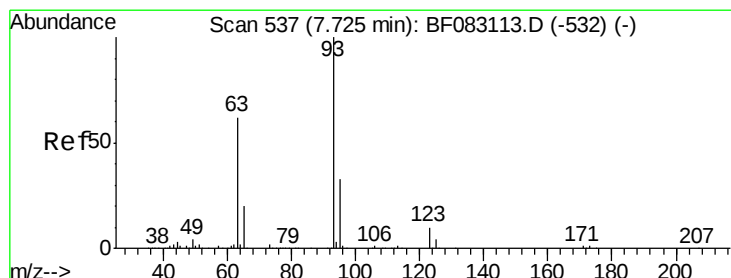
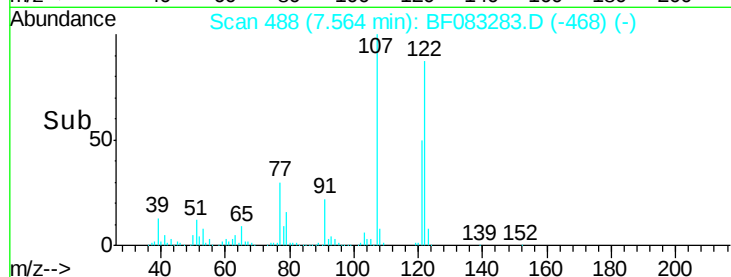
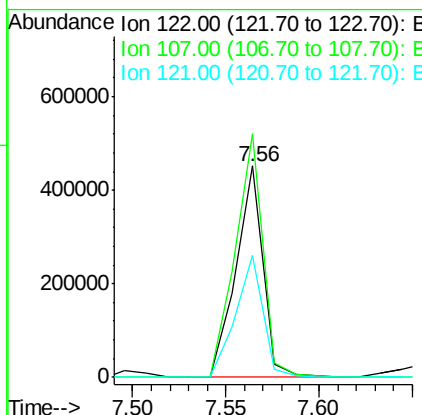
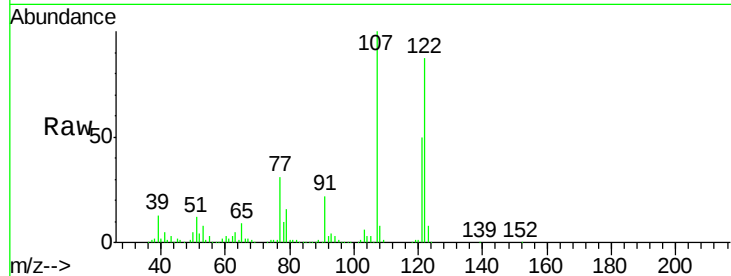
#27
 2,4-Dimethylphenol
 Concen: 46.14 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	101.1	151.7
121	57.9	44.9	67.3

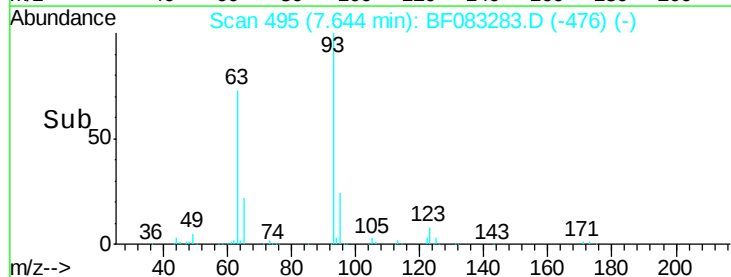
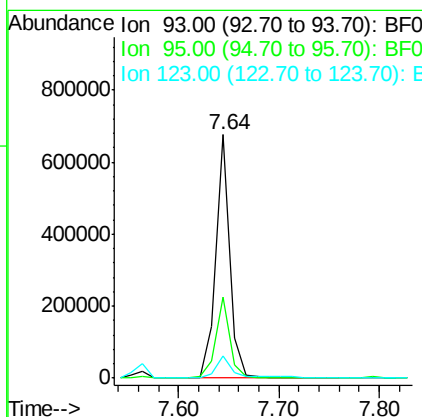
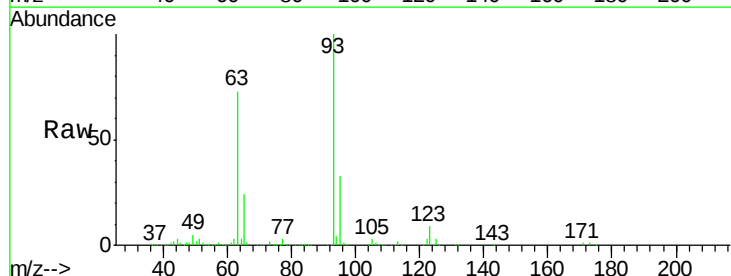
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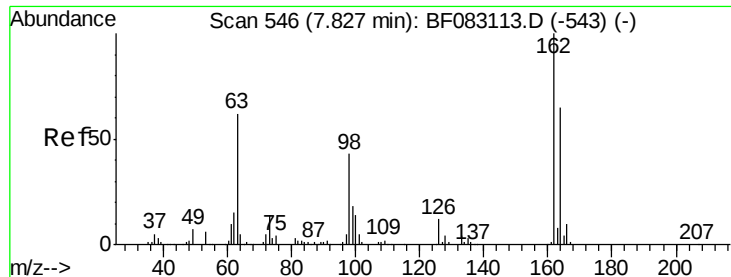
mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.04 ng
 RT: 7.64 min Scan# 495
 Delta R.T. -0.08 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	9.3	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 43.51 ng

RT: 7.75 min Scan# 504

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

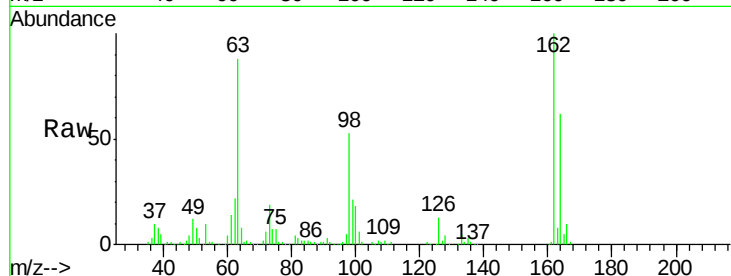
ClientSampleId :

P001-BF005-01MSD

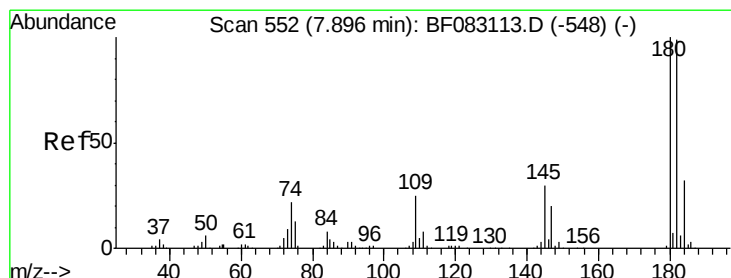
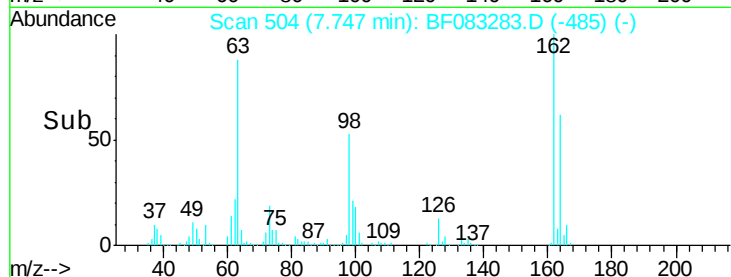
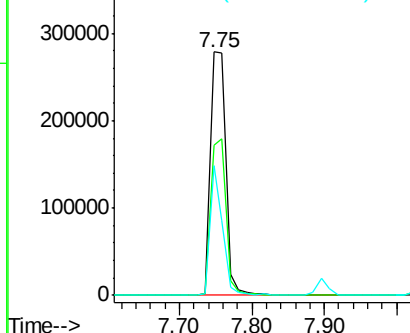
Tot Ion:	162	Resp:	411263
Ion Ratio	Lower	Upper	
162	100		
164	61.8	44.8	84.8
98	53.2	23.1	63.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.35 ng

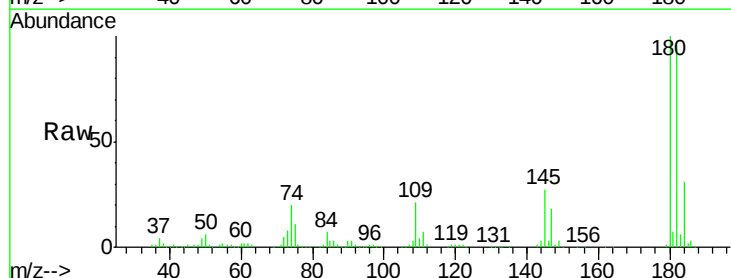
RT: 7.83 min Scan# 511

Delta R.T. -0.07 min

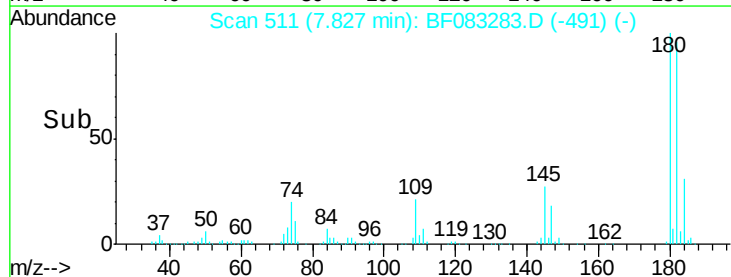
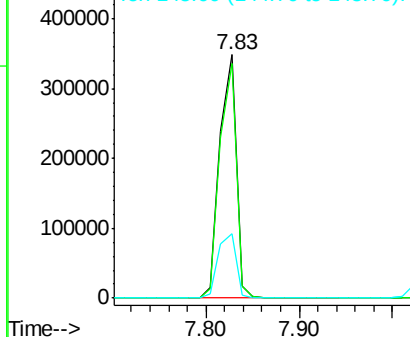
Lab File: BF083283.D

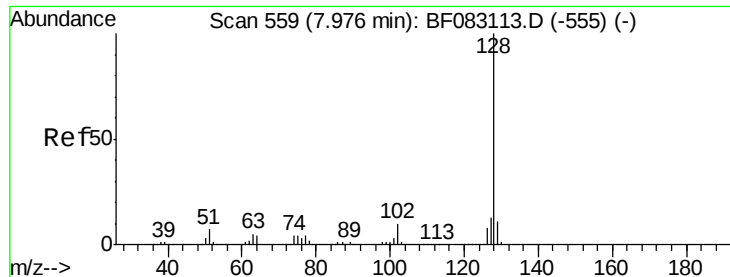
Acq: 25 Nov 2015 19:52

Tgt Ion:	180	Resp:	429320
Ion Ratio	Lower	Upper	
180	100		
182	96.1	79.0	118.6
145	26.6	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





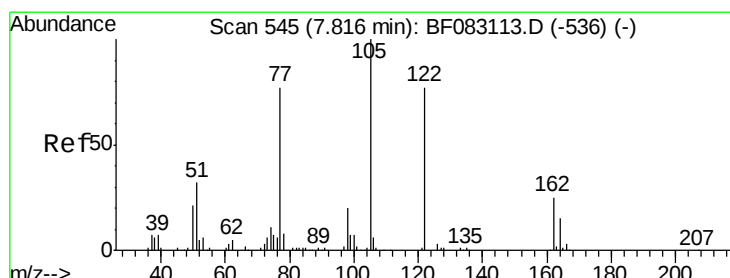
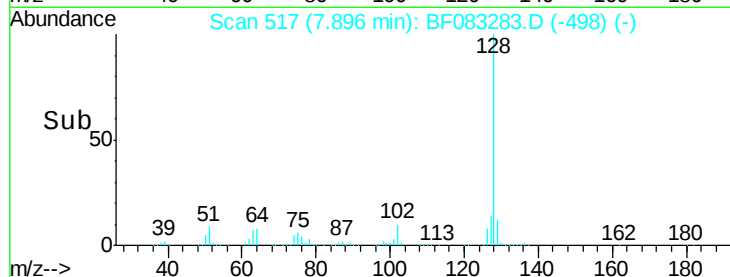
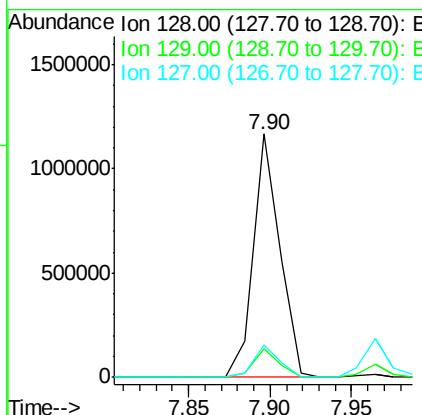
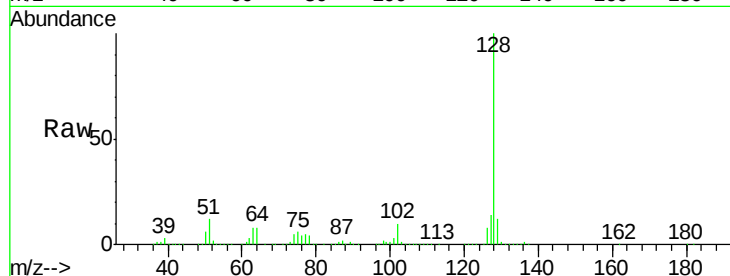
#31
Naphthalene
Concen: 40.48 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.5	10.6	15.8

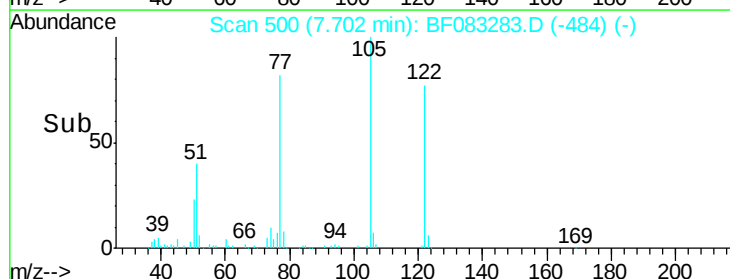
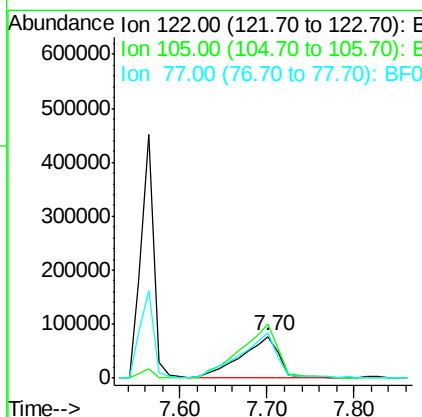
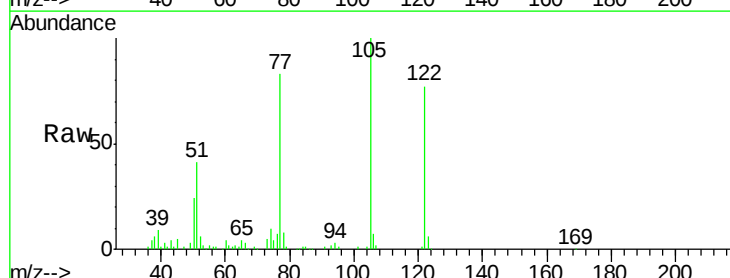
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#32
Benzoic acid
Concen: 29.95 ng
RT: 7.70 min Scan# 500
Delta R.T. -0.11 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	109.7	149.7
77	107.2	79.7	119.7





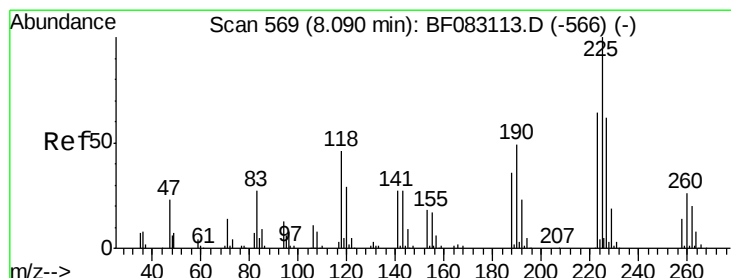
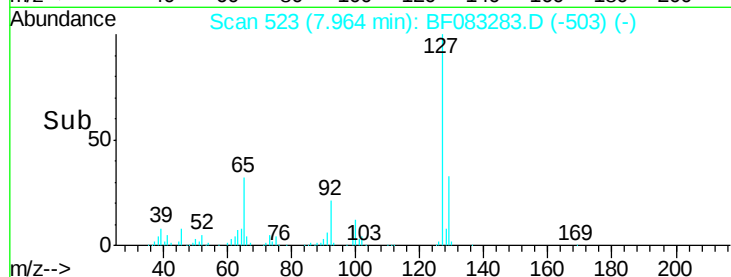
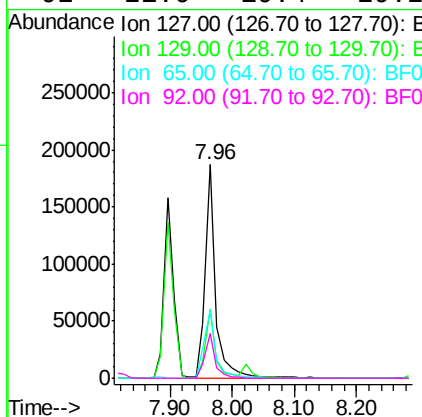
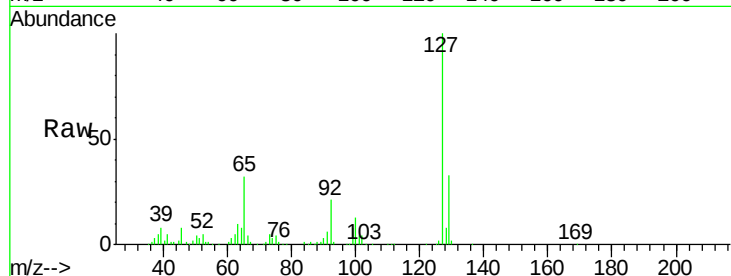
#33
4-Chloroaniline
Concen: 17.58 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.7	38.5	
65	31.9	35.5	53.3	
92	21.0	19.4	29.2	

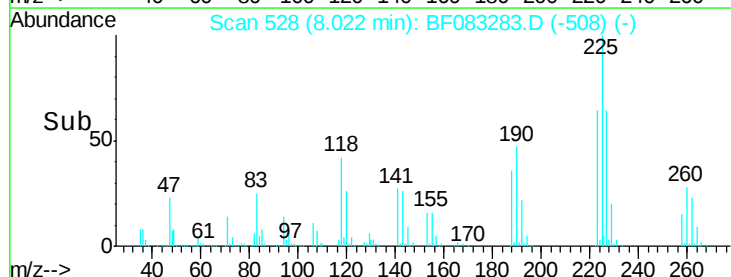
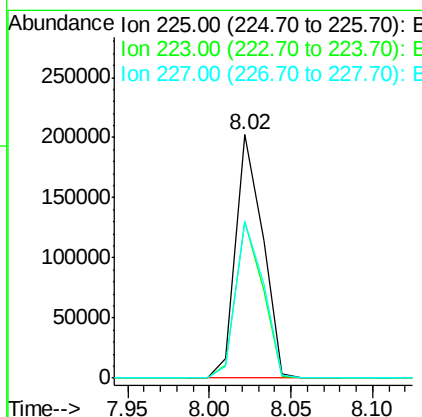
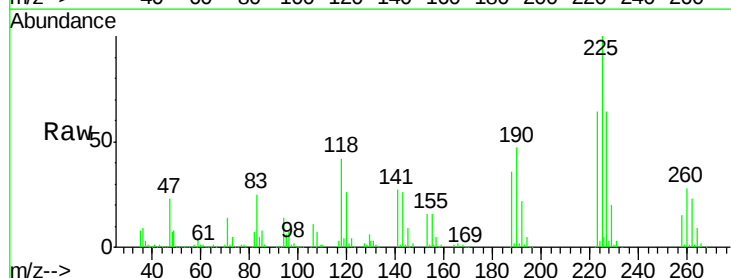
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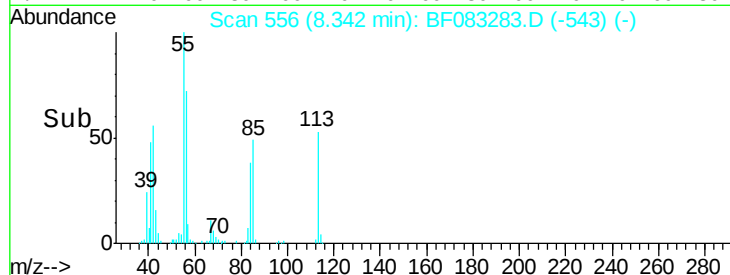
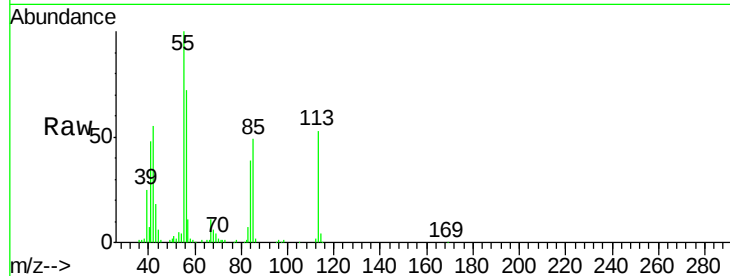
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#34
Hexachlorobutadiene
Concen: 37.62 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	51.3	76.9	
227	64.2	49.8	74.8	





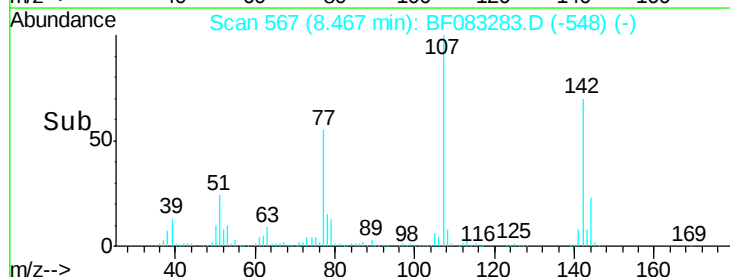
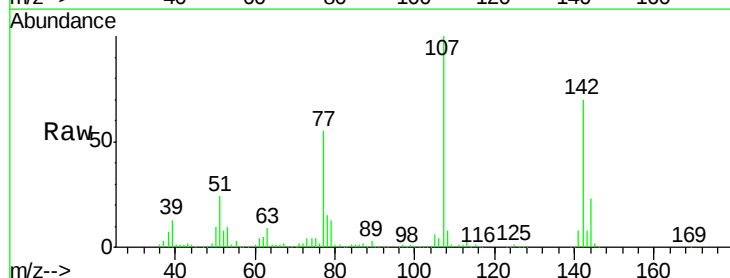
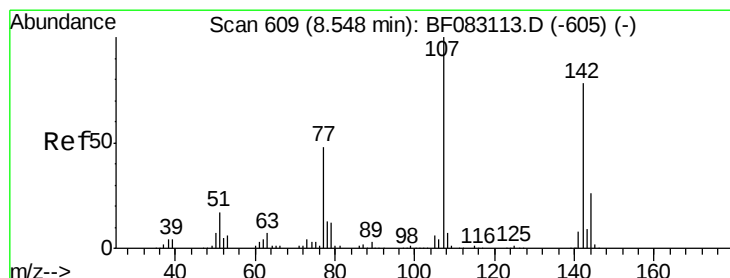
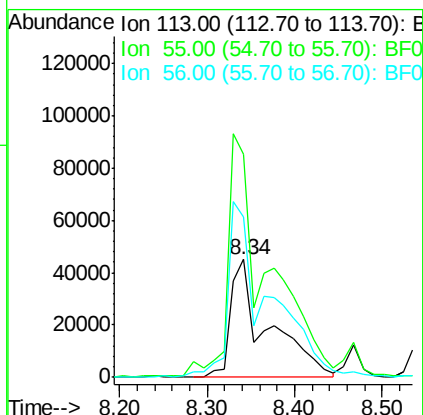
#35
Caprolactam
Concen: 43.50 ng/ml
RT: 8.34 min Scan# 556
Delta R.T. -0.15 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.2	192.6	232.6#
56	136.0	148.6	188.6#

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

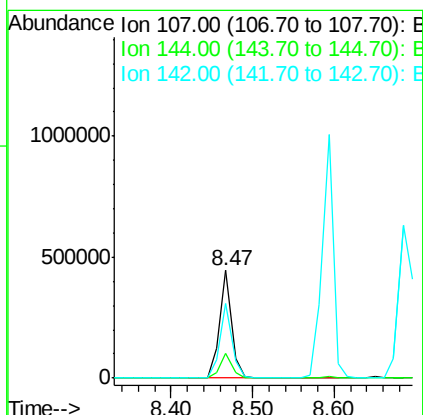
Manual Integrations
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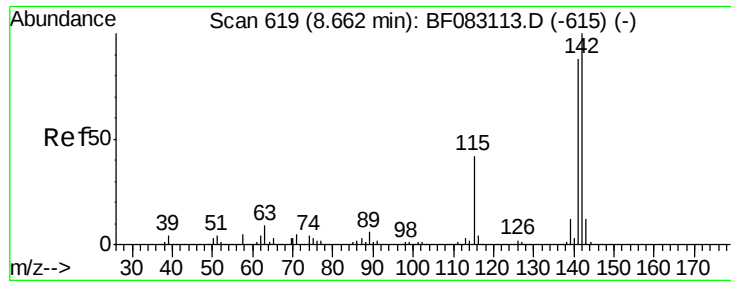
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#36
4-Chloro-3-methylphenol
Concen: 41.99 ng/ml
RT: 8.47 min Scan# 567
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	20.8	31.2
142	69.7	62.1	93.1





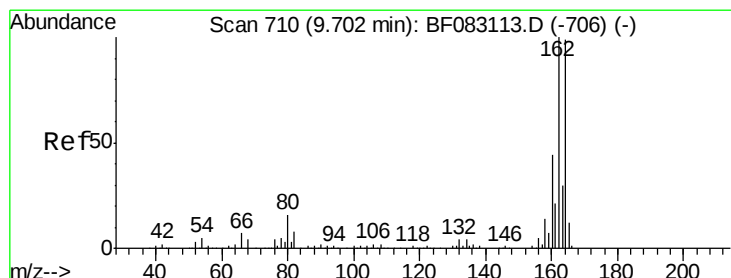
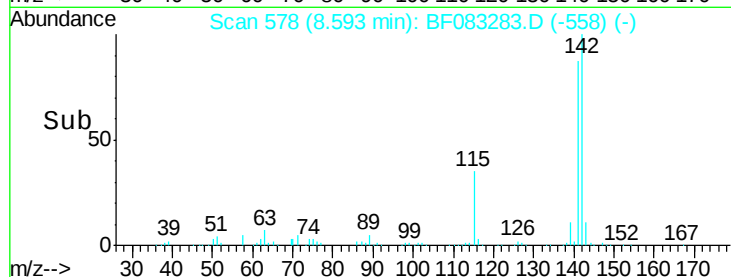
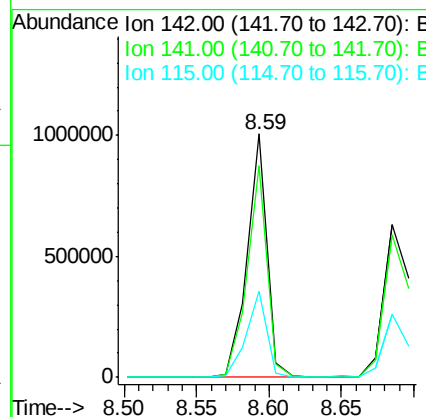
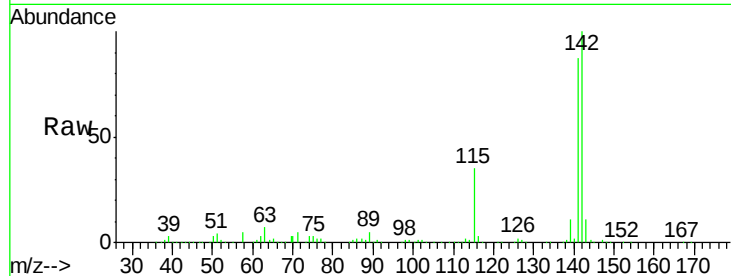
#37
2-Methylnaphthalene
Concen: 45.12 ng
RT: 8.59 min Scan# 578
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.3	105.5
115	35.4	33.4	50.2

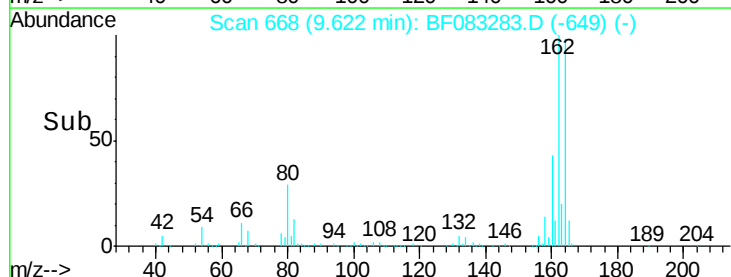
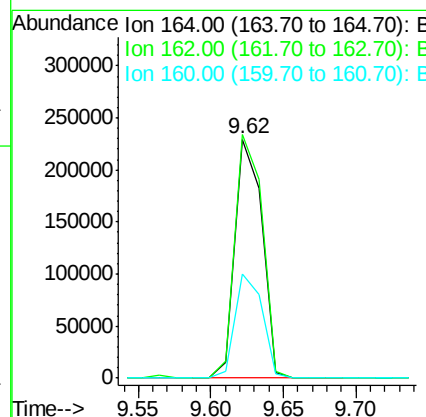
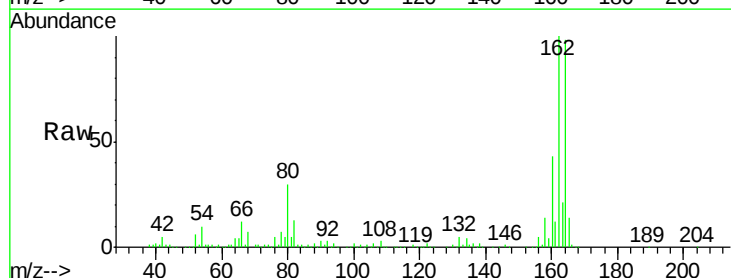
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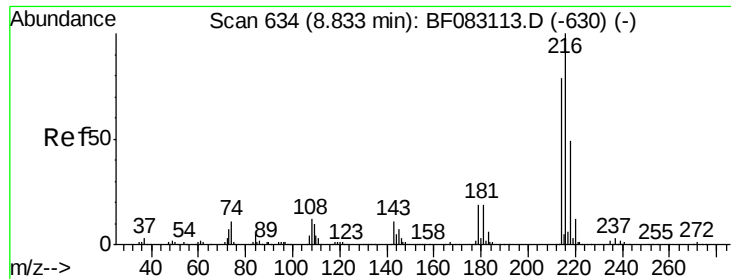
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	43.8	35.6	53.4





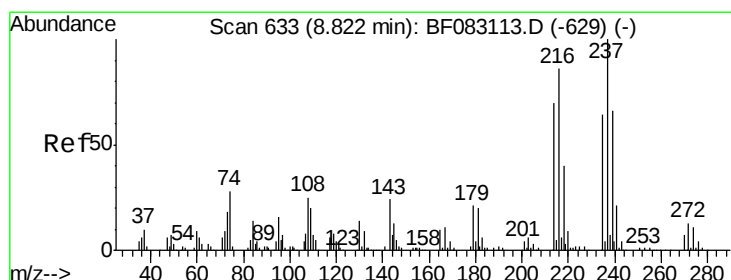
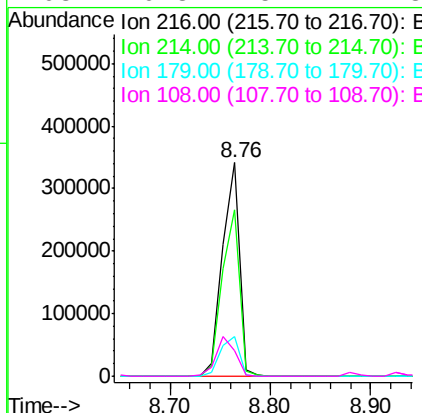
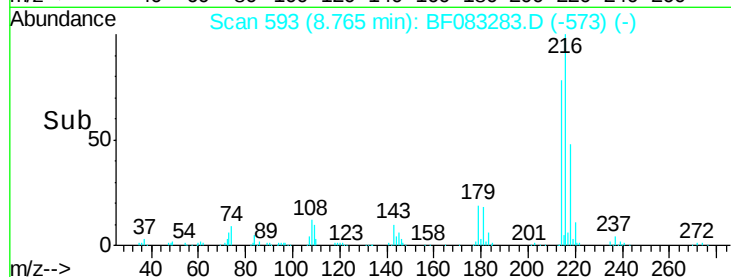
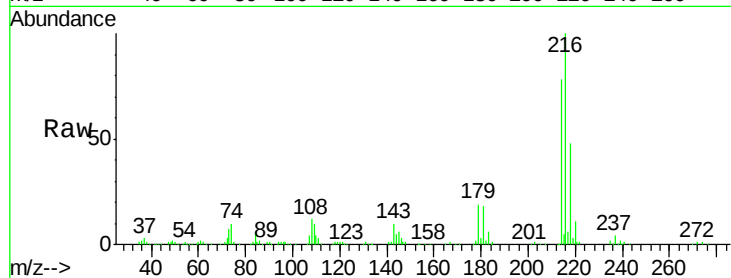
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.90 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

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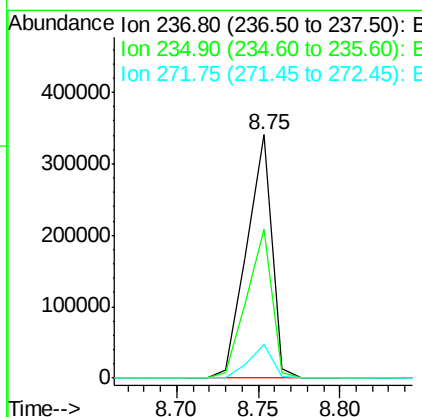
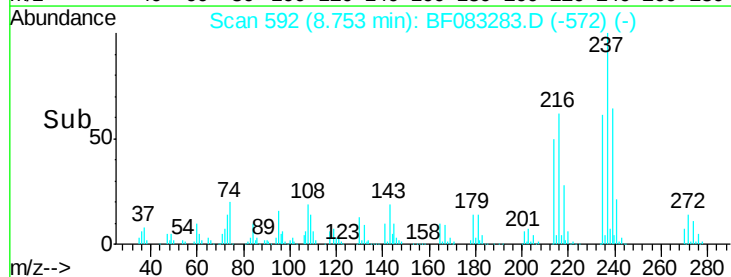
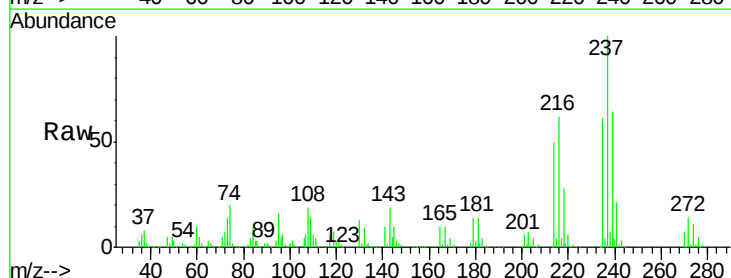
mmdadoda
 11/26/2015 6:43:39 PM

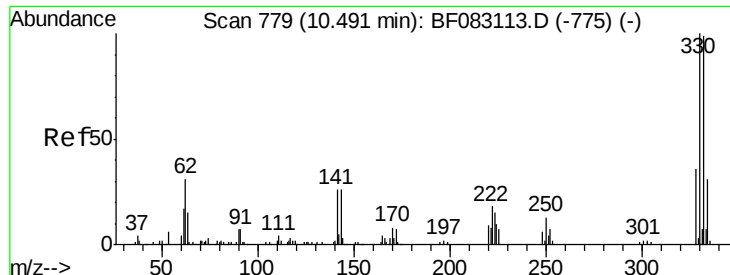
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	20.6	17.0	25.6
108	20.8	15.2	22.8



#40
 Hexachlorocyclopentadiene
 Concen: 66.70 ng
 RT: 8.75 min Scan# 592
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.5	83.5
272	13.9	0.0	33.1





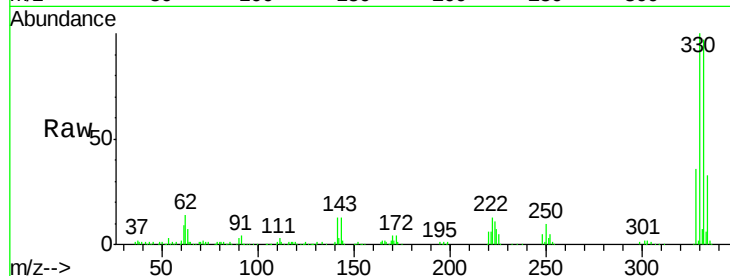
#41
 2,4,6-Tribromophenol
 Concen: 116.05 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

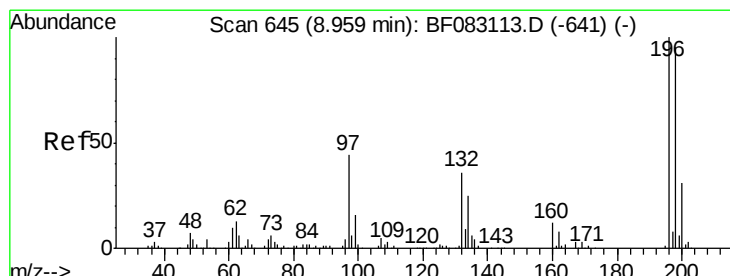
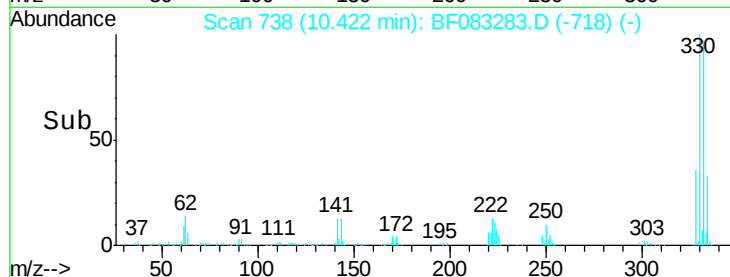
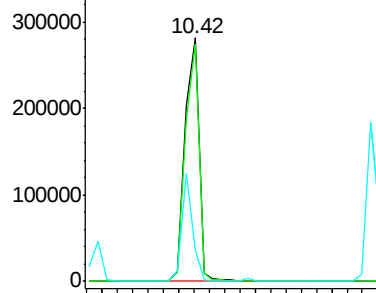
Tot Ion	Ratio	Resp	Lower	Upper
330	100	352388		
332	95.0		77.7	116.5
141	35.0		29.7	44.5

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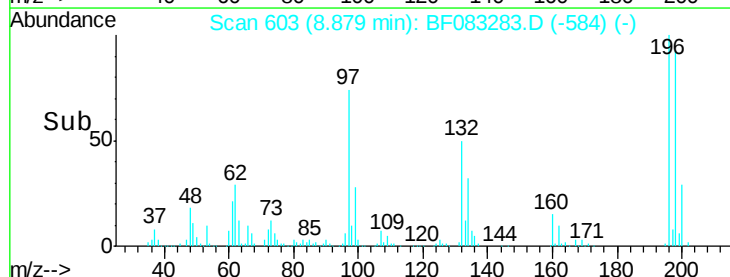
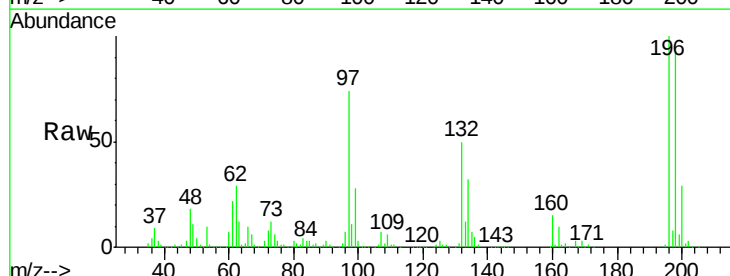
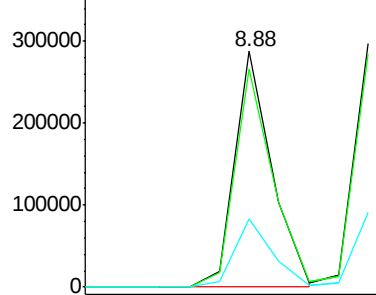
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

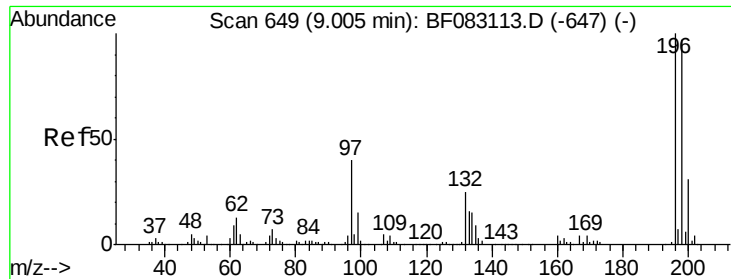


#42
 2,4,6-Trichlorophenol
 Concen: 41.44 ng
 RT: 8.88 min Scan# 603
 Delta R.T. -0.08 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285483		
198	92.7		75.9	113.9
200	29.2		24.5	36.7

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





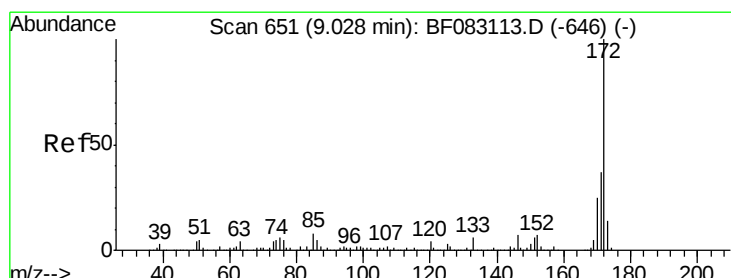
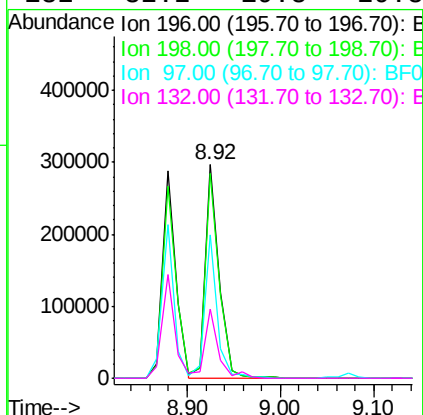
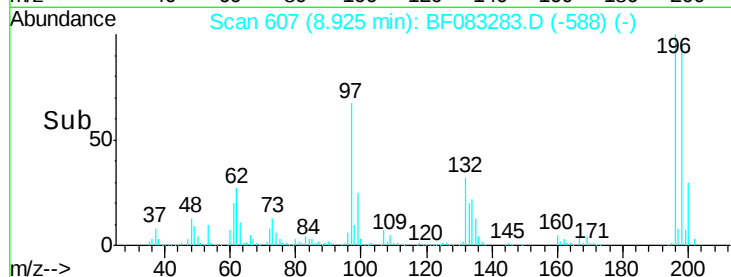
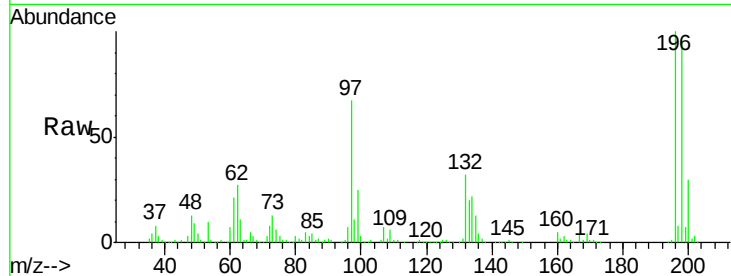
#43
 2,4,5-Trichlorophenol
 Concen: 43.57 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.08 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

Tot Ion	196	Resp	306950
Ion Ratio	Lower	Upper	
196	100		
198	95.6	77.6	116.4
97	66.9	32.6	48.8#
132	32.2	19.8	29.8#

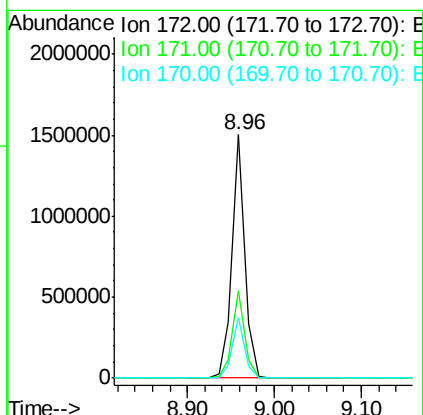
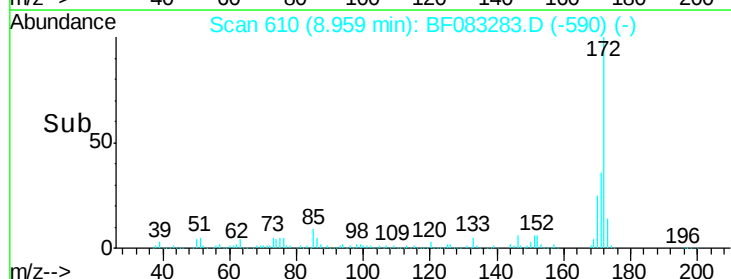
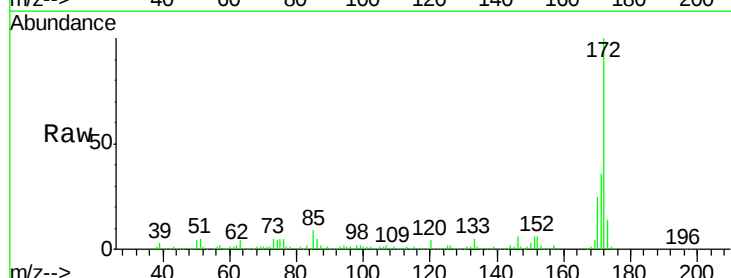
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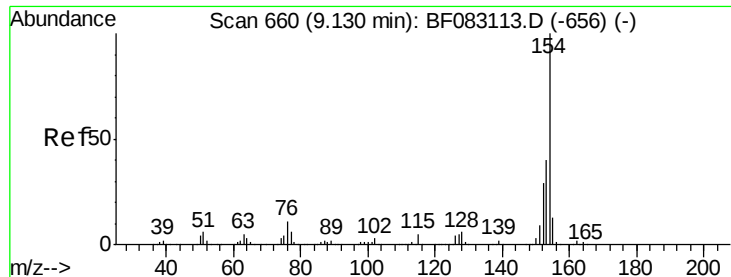
mmdadoda
 11/26/2015 6:43:39 PM



#44
 2-Fluorobiphenyl
 Concen: 71.66 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Tgt Ion	172	Resp	1525210
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.5	44.3
170	24.7	19.9	29.9





#45

1,1'-Biphenyl

Concen: 43.59 ng

RT: 9.06 min Scan# 619

Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MSD

Tot Ion:154 Resp: 1101204

Ion Ratio Lower Upper

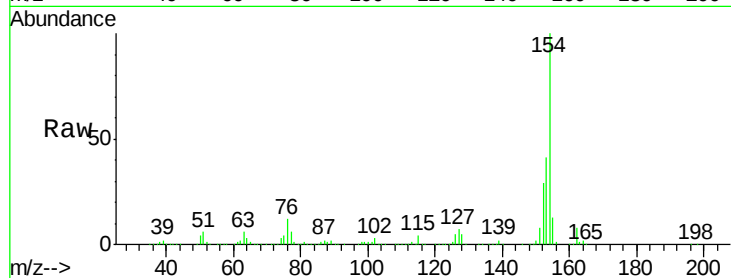
154 100

153 40.8 20.5 60.5

76 11.6 0.0 31.2

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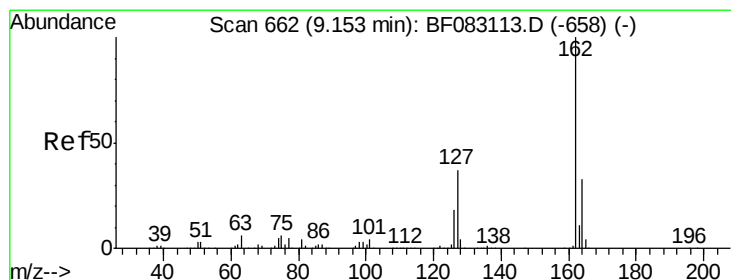
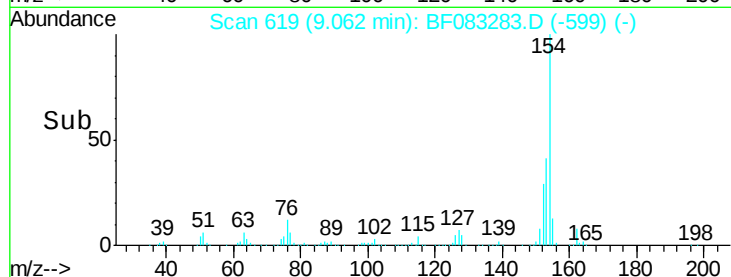
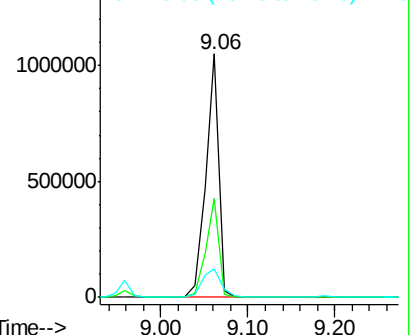
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.96 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

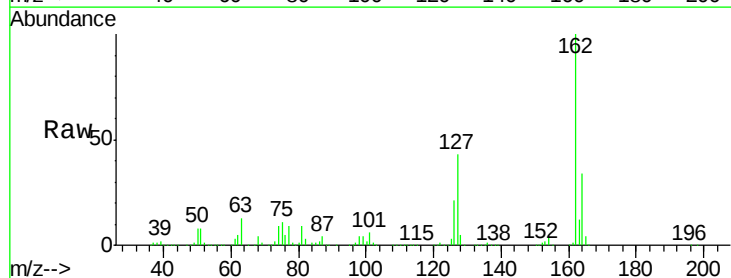
Tgt Ion:162 Resp: 832552

Ion Ratio Lower Upper

162 100

127 43.5 29.4 44.2

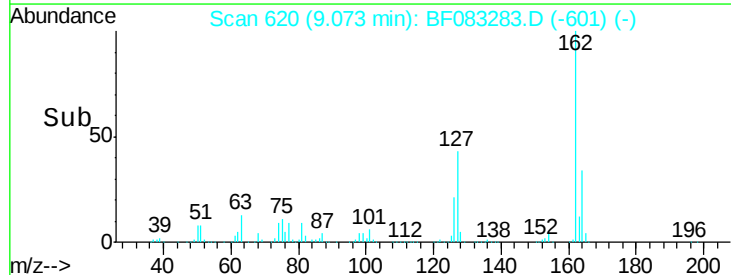
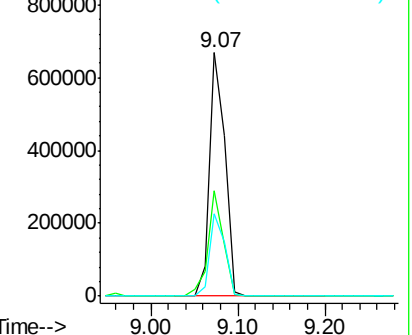
164 33.6 26.2 39.4

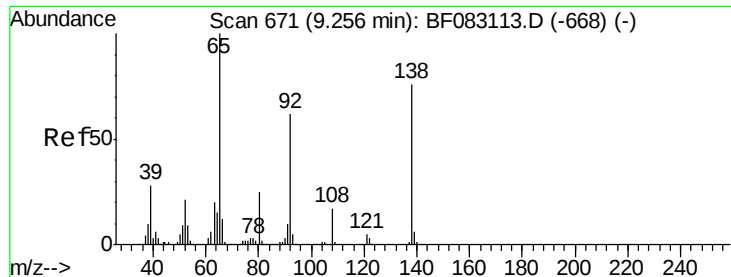


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.37 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

ClientSampleId :

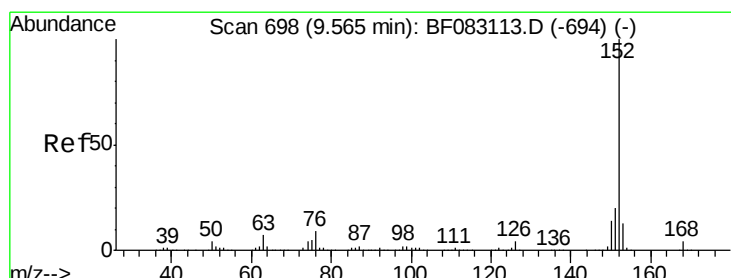
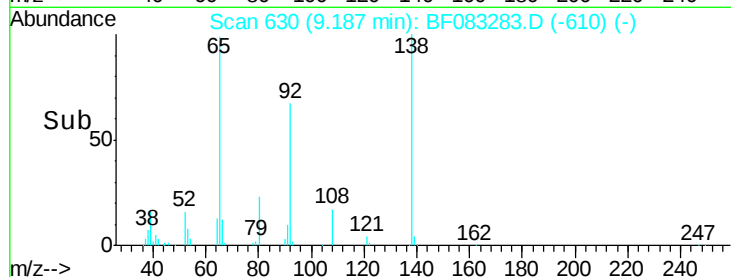
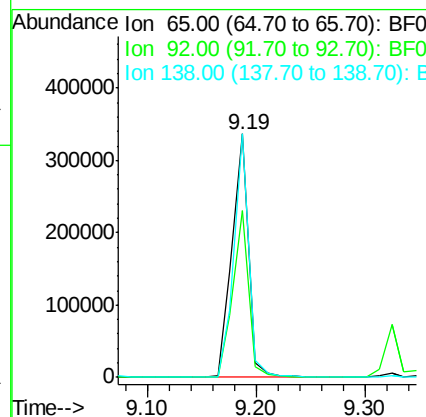
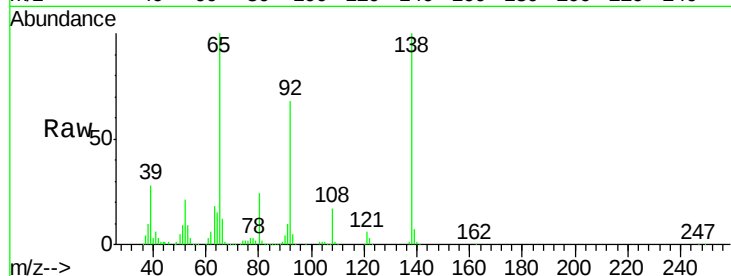
P001-BF005-01MSD

Tot Ion: 65 Resp: 353537
Ion Ratio Lower Upper

65	100		
92	68.4	49.5	74.3
138	99.9	60.7	91.1

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#48

Acenaphthylene

Concen: 41.54 ng

RT: 9.48 min Scan# 656

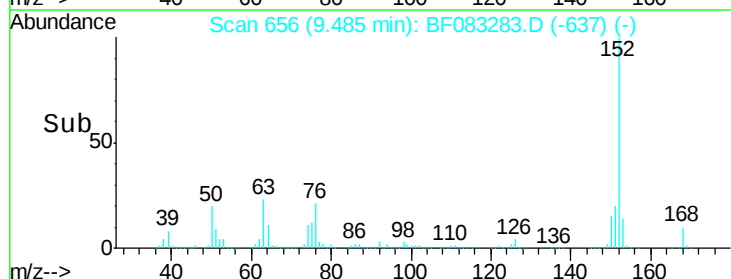
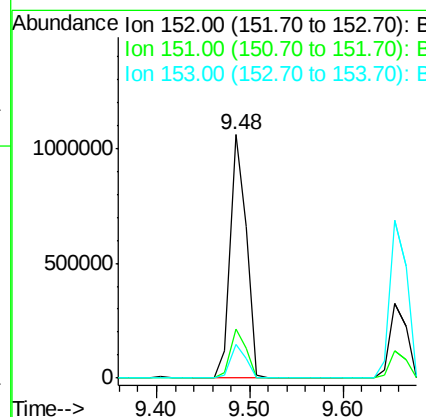
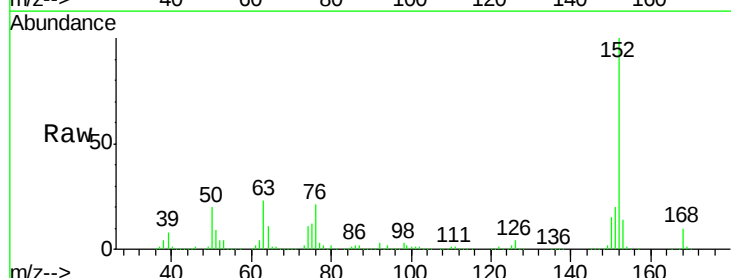
Delta R.T. -0.08 min

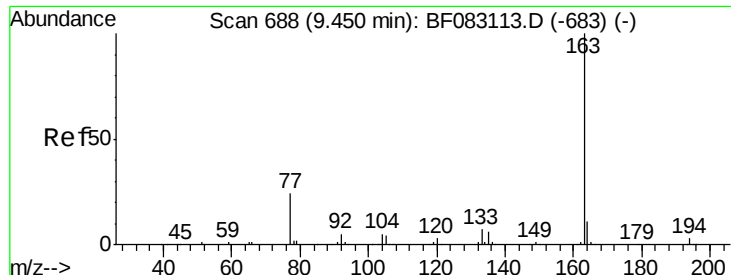
Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion: 152 Resp: 1277352
Ion Ratio Lower Upper

152	100		
151	20.3	16.3	24.5
153	13.8	10.8	16.2





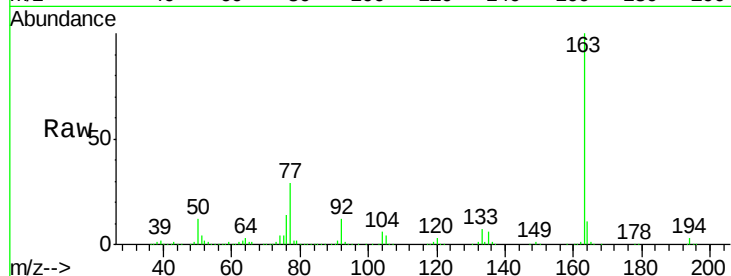
#49
Dimethylphthalate
Concen: 59.06 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

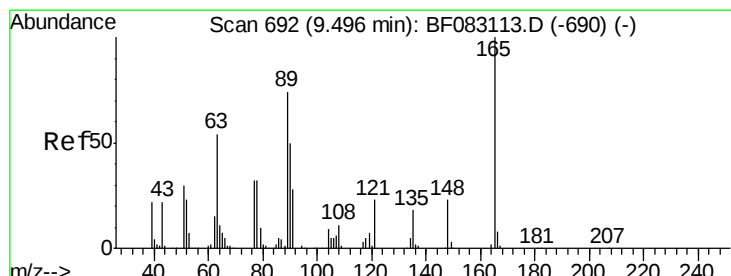
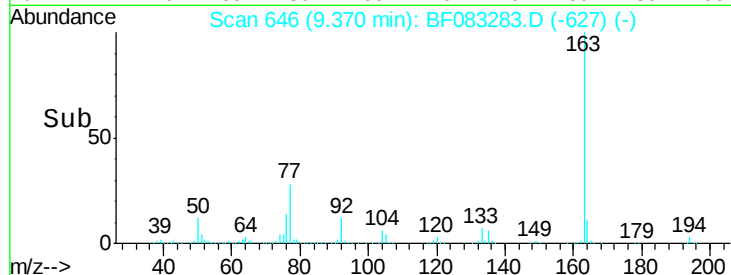
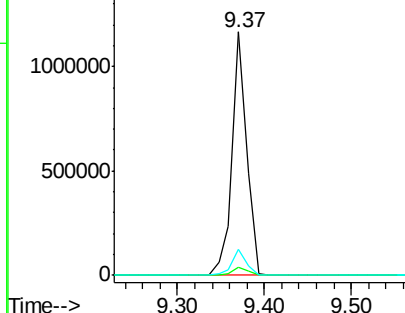
Tot Ion:163 Resp: 1349615
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.8 8.6 12.8

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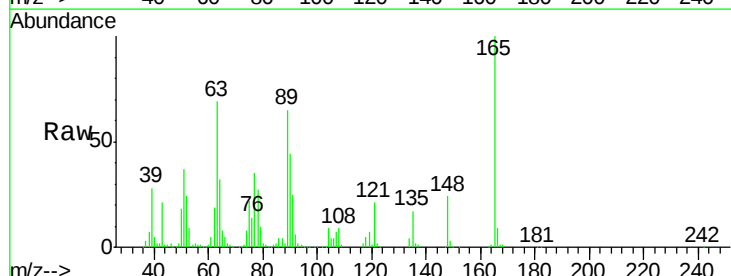


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

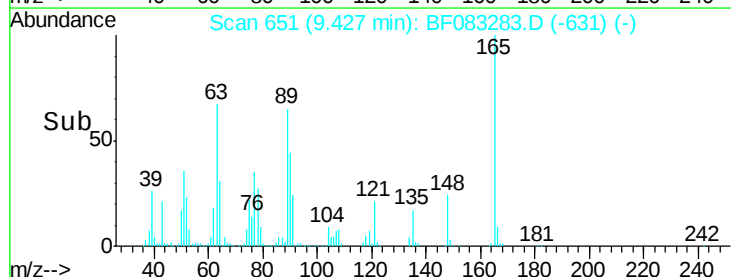
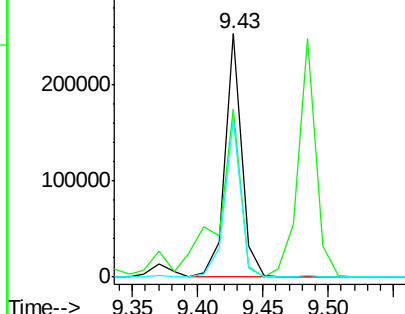


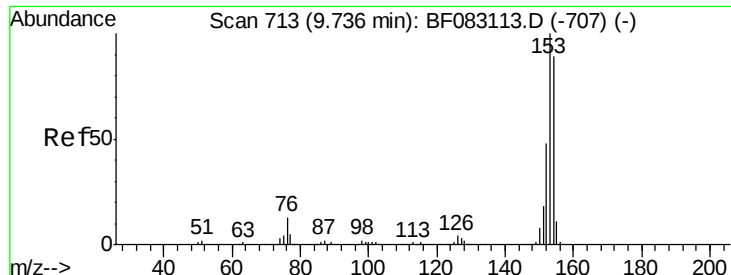
#50
2,6-Dinitrotoluene
Concen: 43.99 ng
RT: 9.43 min Scan# 651
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion:165 Resp: 225551
Ion Ratio Lower Upper
165 100
63 69.0 62.5 93.7
89 64.6 59.1 88.7



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





#51

Acenaphthene

Concen: 41.03 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

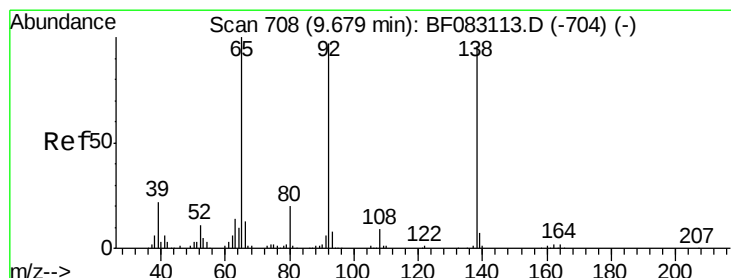
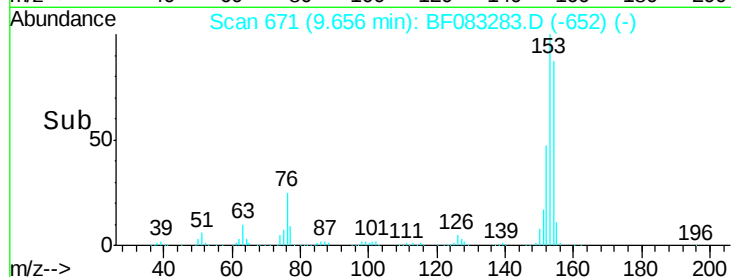
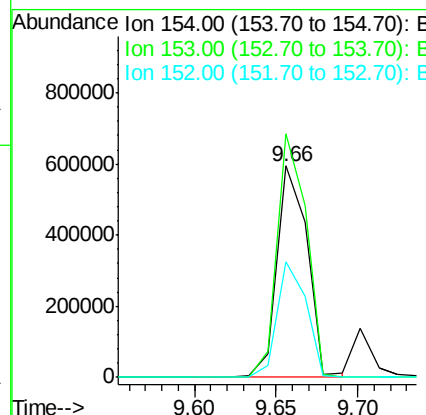
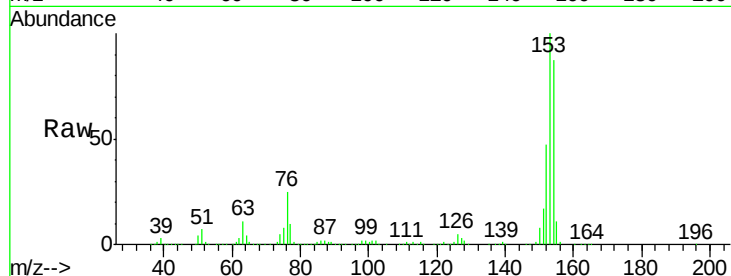
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	154	Resp:	767823
Ion Ratio	Lower	Upper	
154	100		
153	115.2	89.6	134.4
152	54.5	43.3	64.9

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#52

3-Nitroaniline

Concen: 30.30 ng

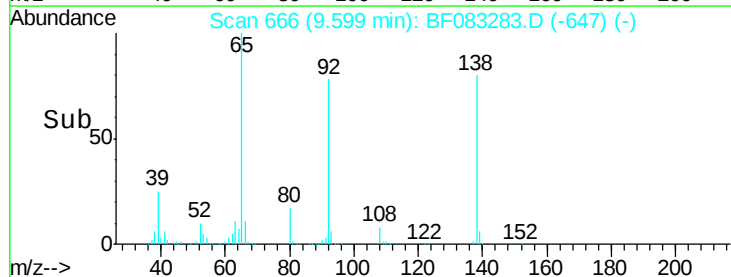
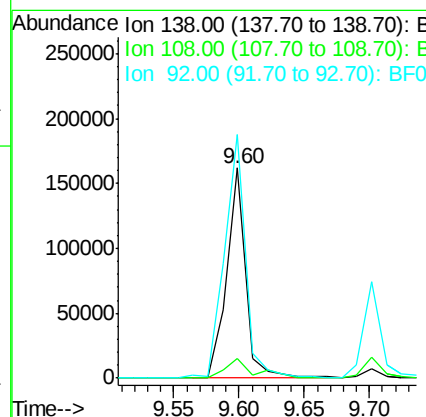
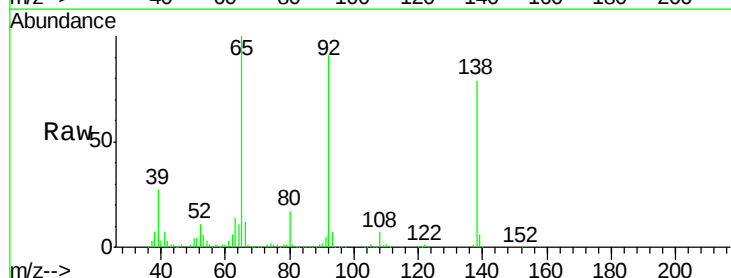
RT: 9.60 min Scan# 666

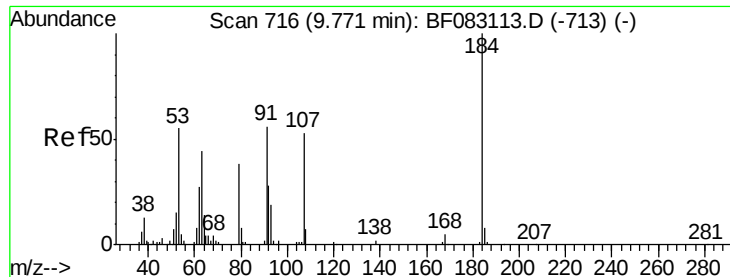
Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	138	Resp:	165611
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.8	11.6
92	115.8	81.1	121.7





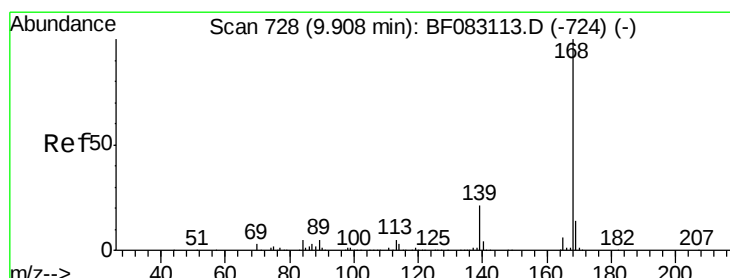
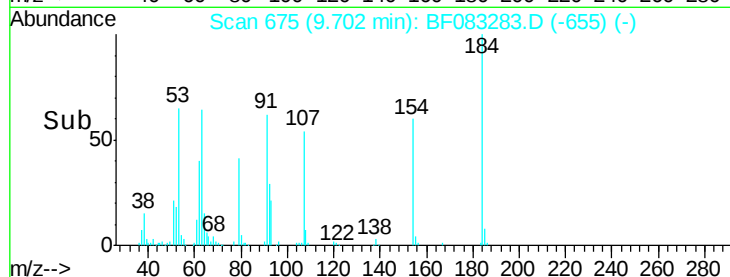
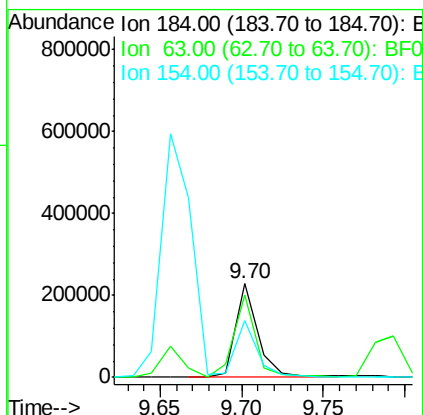
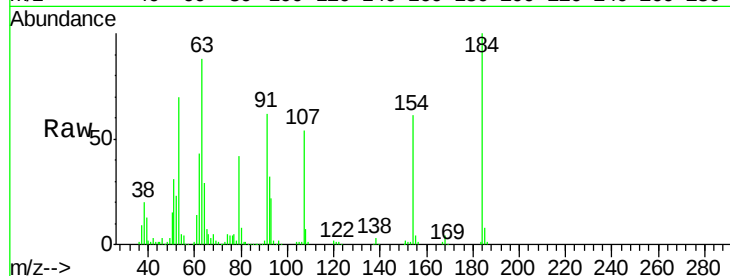
#53
2,4-Dinitrophenol
Concen: 73.18 ng
RT: 9.70 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
184	100	216163		
63	88.5	60.5	90.7	
154	60.7	54.3	81.5	

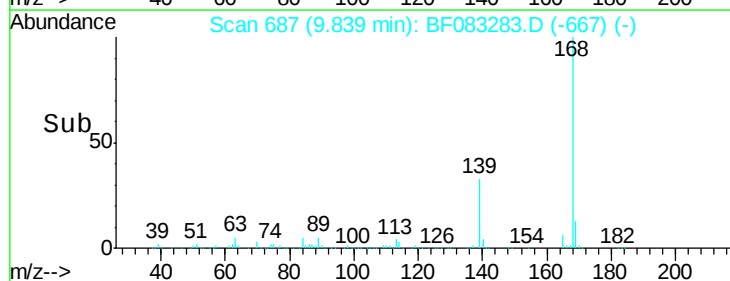
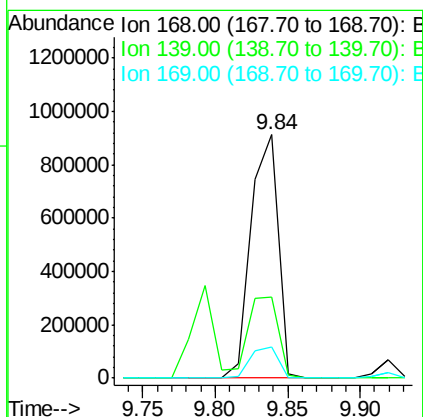
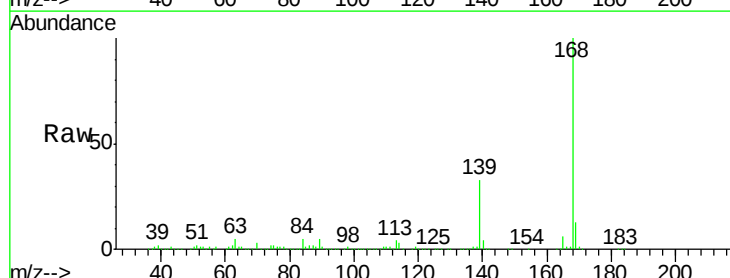
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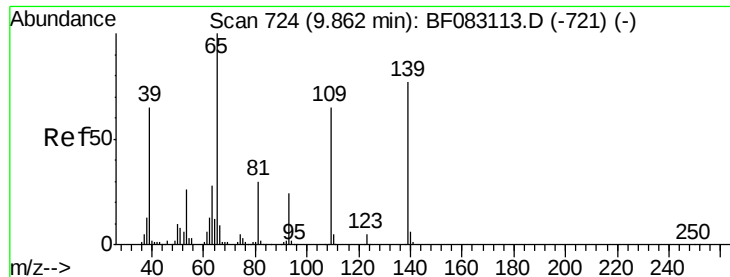
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#54
Dibenzofuran
Concen: 45.04 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1191710		
139	33.0	30.2	45.2	
169	13.0	10.9	16.3	





#55

4-Nitrophenol

Concen: 86.04 ng

RT: 9.79 min Scan# 683

Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

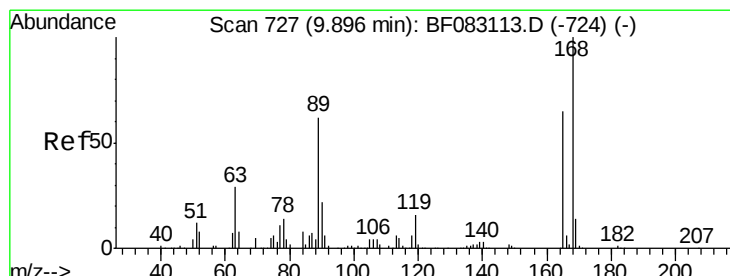
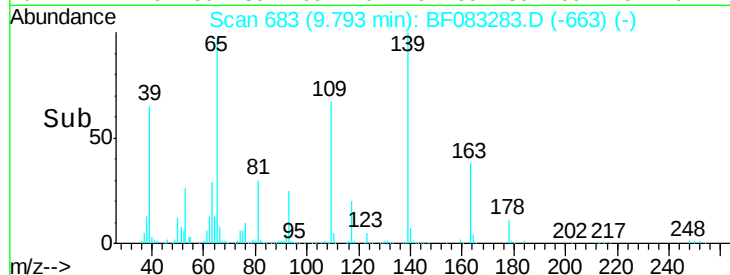
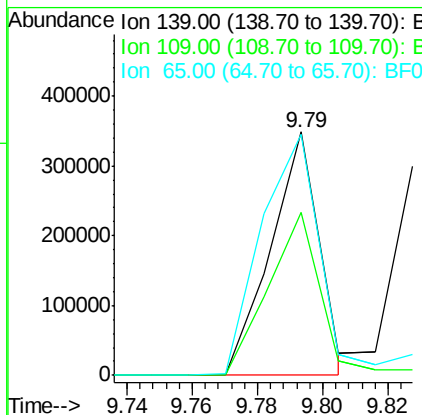
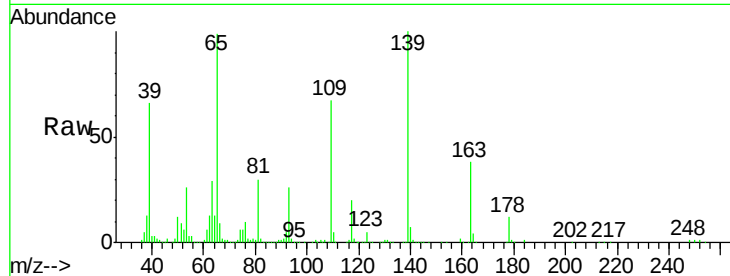
ClientSampleId :

P001-BF005-01MSD

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Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.9	64.0	104.0	
65	98.8	109.5	149.5	



#56

2,4-Dinitrotoluene

Concen: 43.61 ng

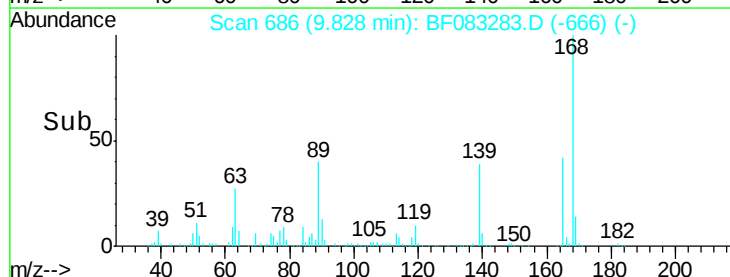
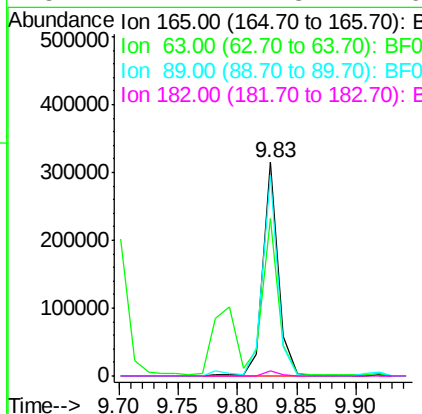
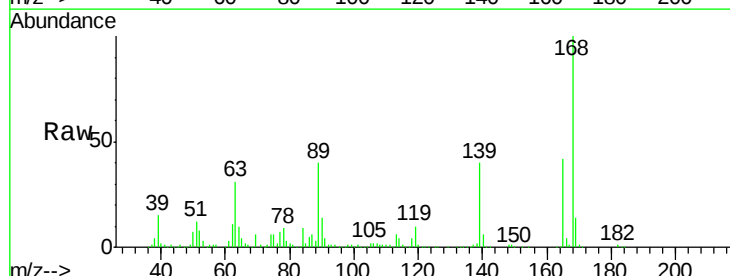
RT: 9.83 min Scan# 686

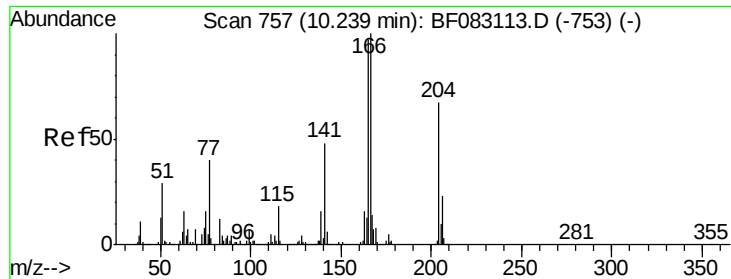
Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.8	54.5	81.7	
89	94.2	77.3	115.9	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 40.41 ng

RT: 10.17 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

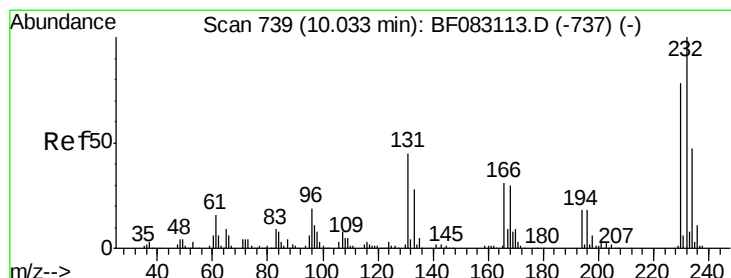
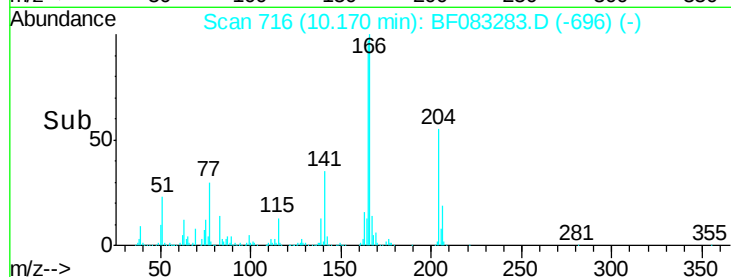
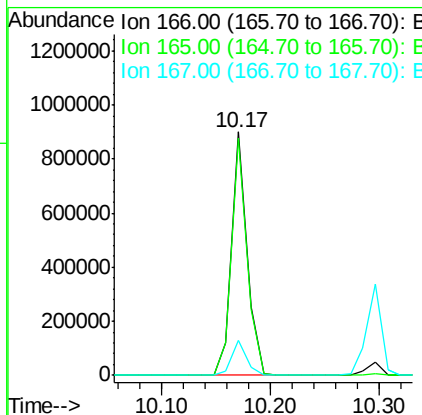
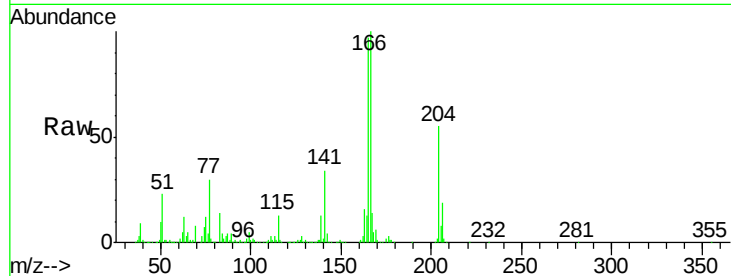
ClientSampleId :

P001-BF005-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		883605		
165	97.2	78.0	117.0		
167	14.2	11.3	16.9		

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.11 ng

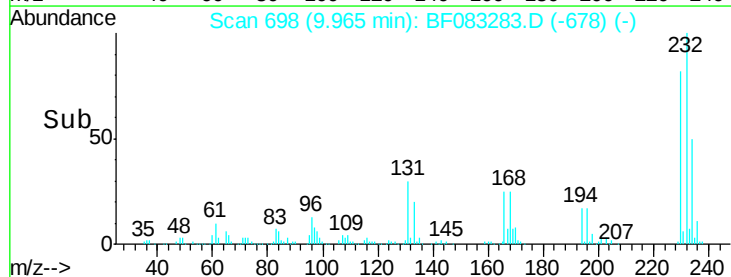
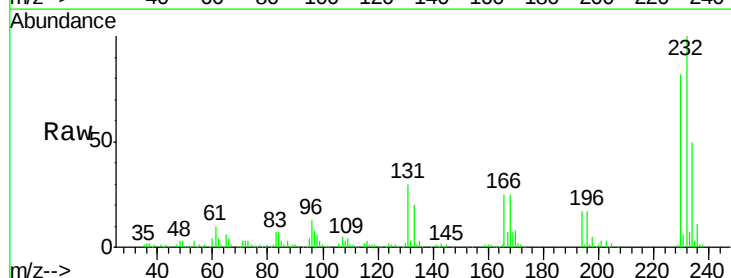
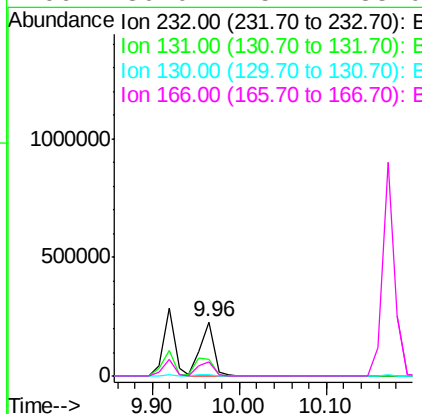
RT: 9.96 min Scan# 698

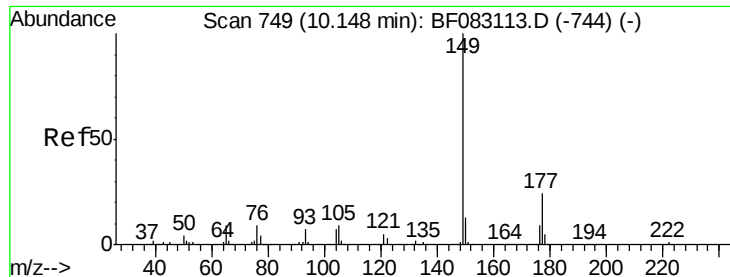
Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		243360		
131	43.8	38.6	57.8		
130	2.0	1.9	2.9		
166	30.0	25.4	38.0		





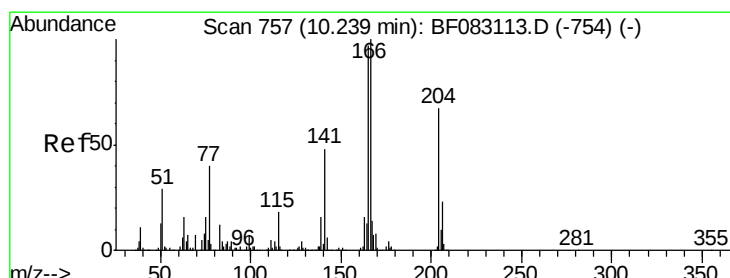
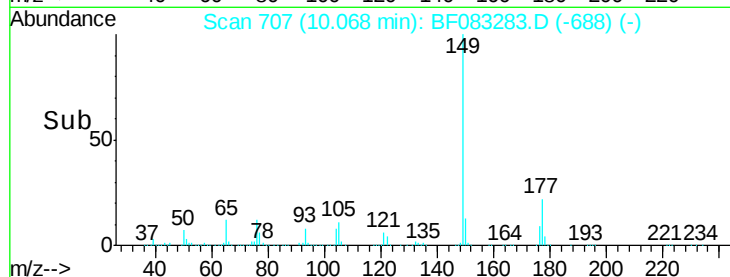
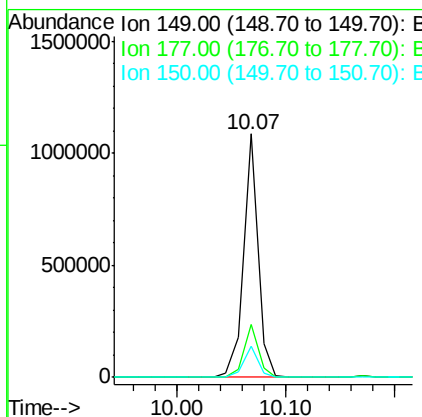
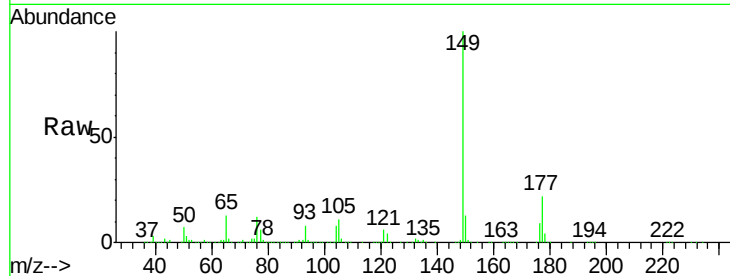
#59
Diethylphthalate
Concen: 43.50 ng
RT: 10.07 min Scan# 707
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	989328		
177	21.9	19.4	29.2	
150	12.9	10.2	15.2	

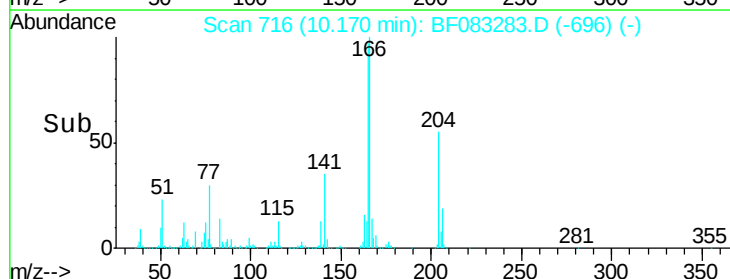
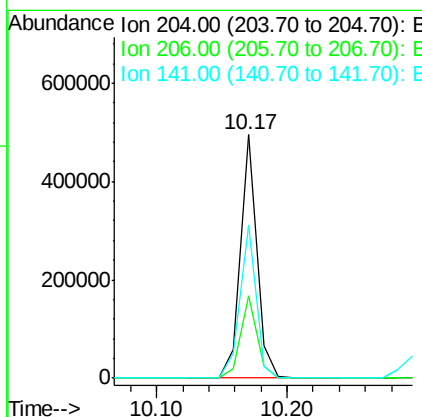
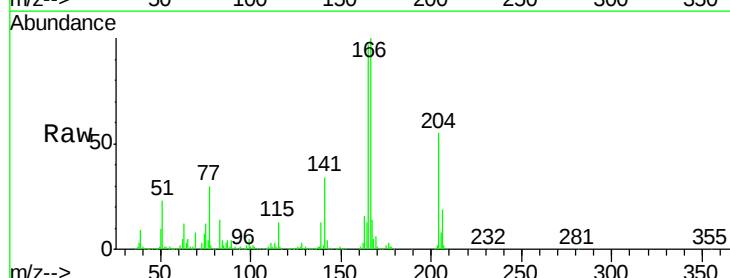
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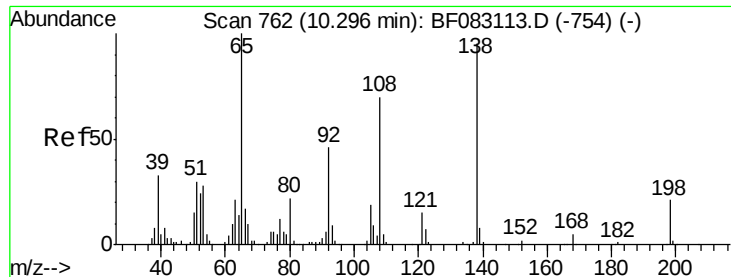
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#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.17 min Scan# 716
Delta R.T. -0.07 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	429286		
206	34.0	27.4	41.0	
141	62.6	57.4	86.2	





#61

4-Nitroaniline

Concen: 44.60 ng

RT: 10.22 min Scan# 720

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

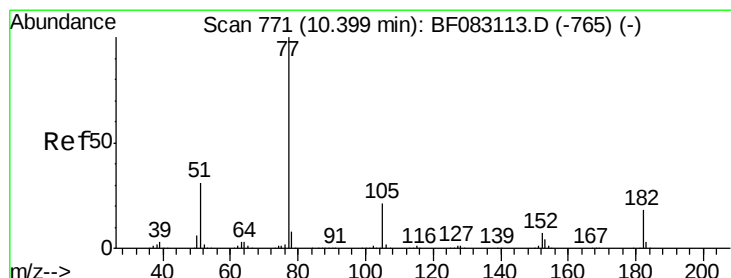
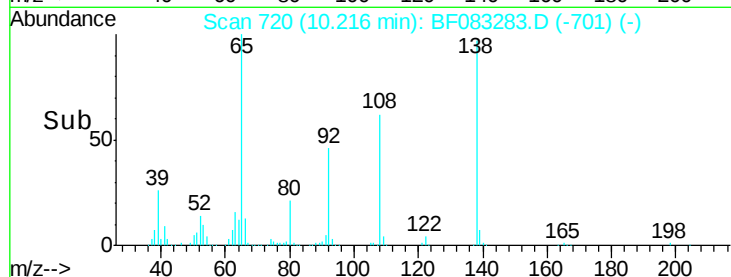
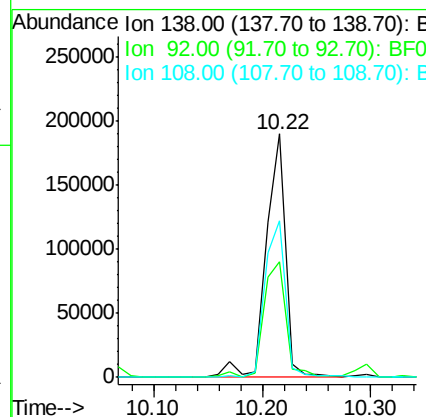
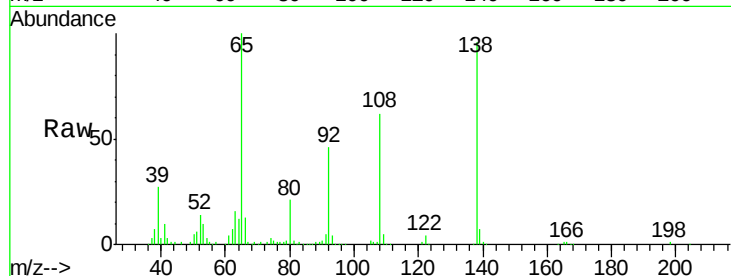
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	138	Resp:	240021
Ion Ratio	Lower	Upper	
138	100		
92	47.6	28.4	68.4
108	64.2	53.5	93.5

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#62

Azobenzene

Concen: 47.42 ng

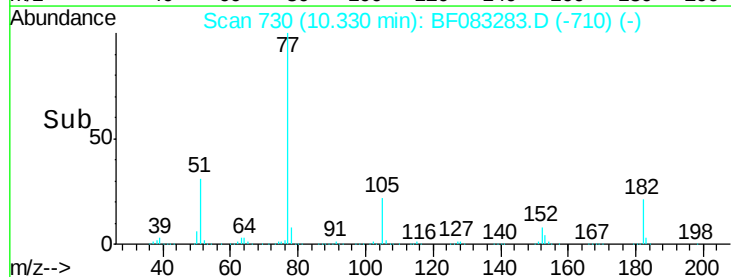
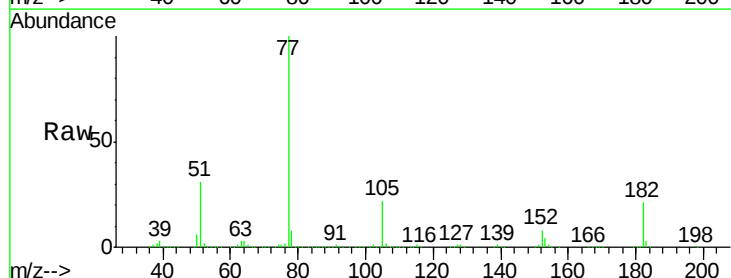
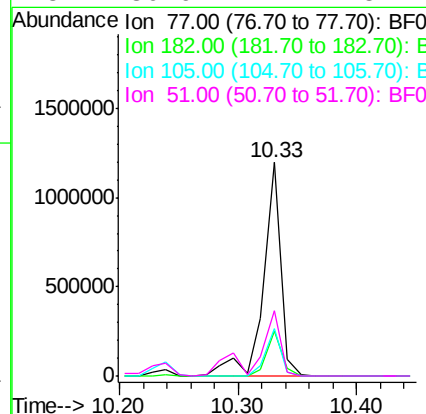
RT: 10.33 min Scan# 730

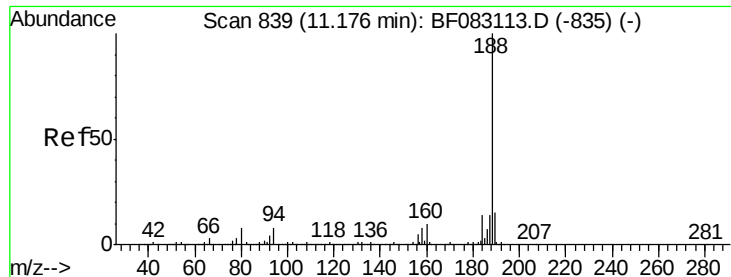
Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	77	Resp:	1231047
Ion Ratio	Lower	Upper	
77	100		
182	21.2	0.0	38.3
105	22.2	1.2	41.2
51	30.9	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 797

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

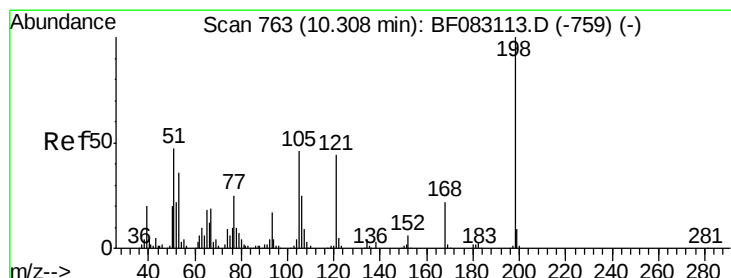
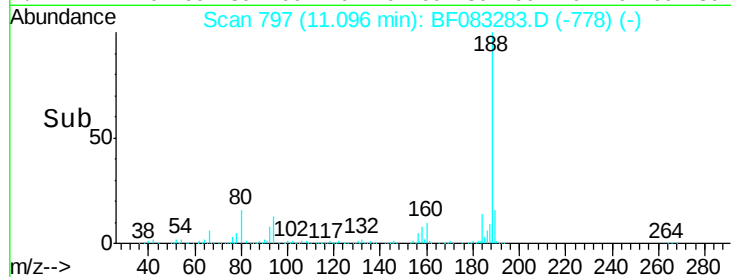
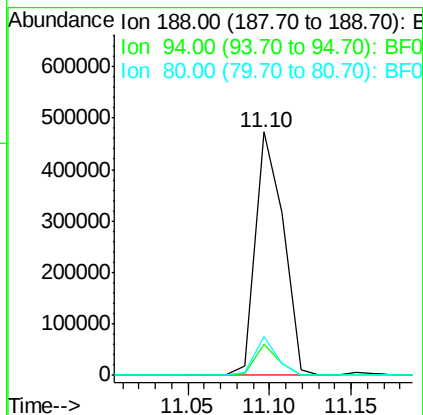
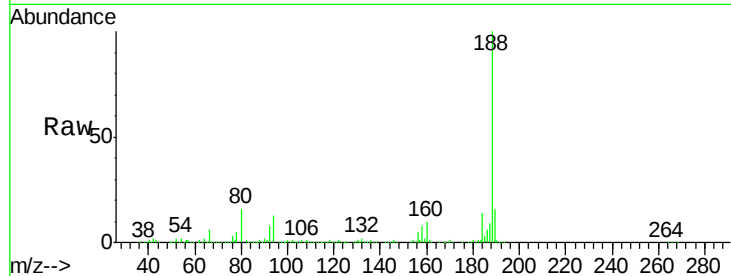
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	188	Resp:	562572
Ion Ratio	Lower	Upper	
188	100		
94	12.8	6.0	9.0#
80	15.7	6.7	10.1#

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.22 ng

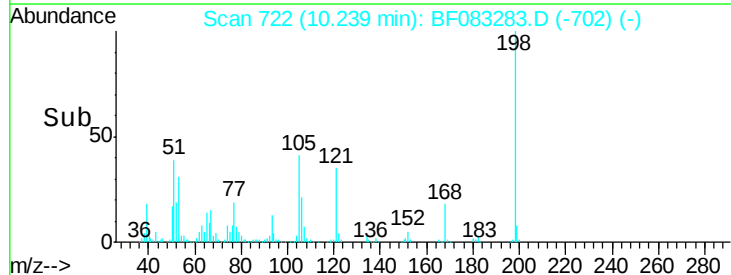
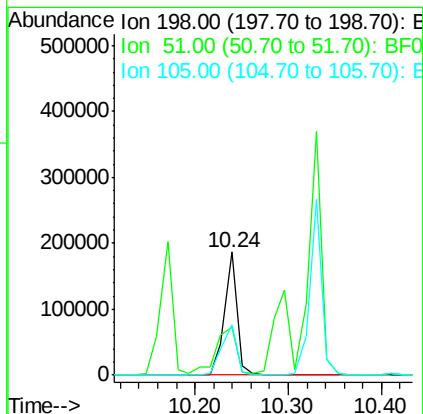
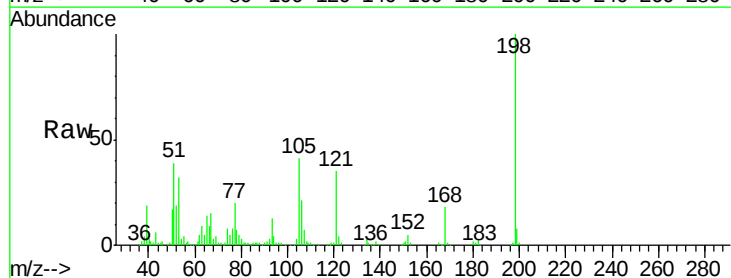
RT: 10.24 min Scan# 722

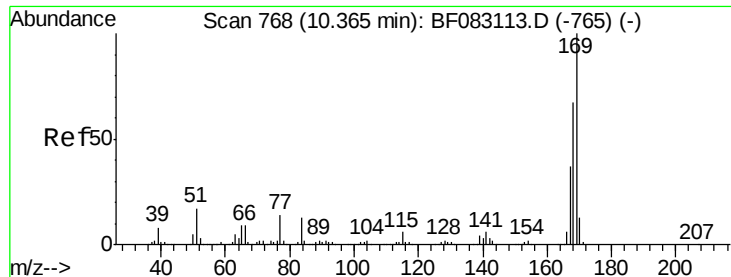
Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	198	Resp:	175276
Ion Ratio	Lower	Upper	
198	100		
51	39.3	27.0	67.0
105	40.7	26.1	66.1





#65

n-Nitrosodiphenylamine

Concen: 45.06 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

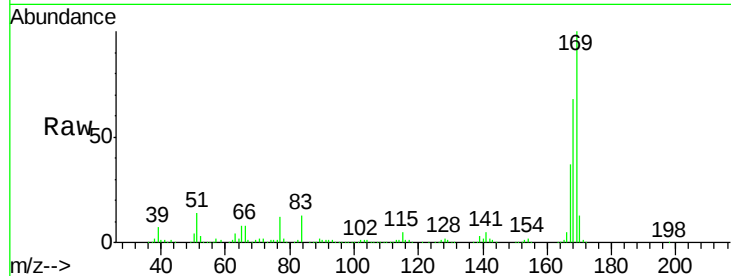
ClientSampleId :

P001-BF005-01MSD

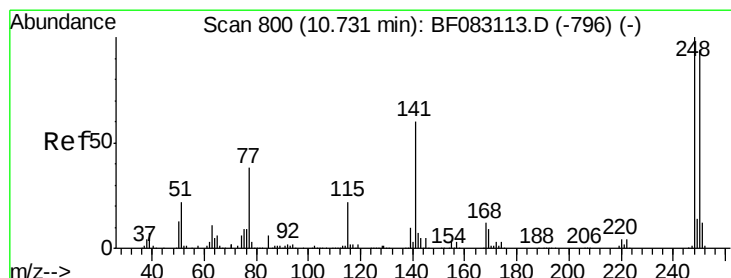
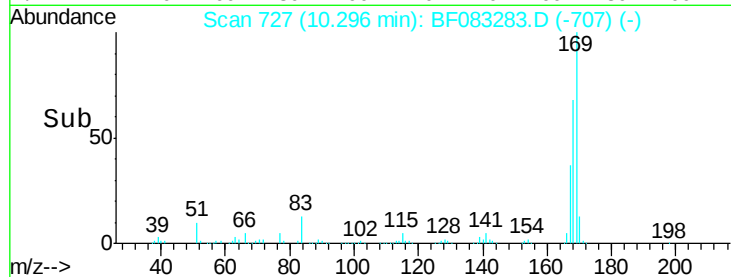
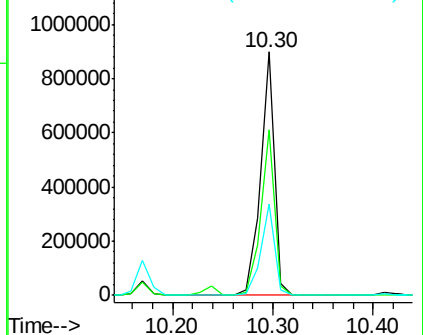
Tot Ion:	169	Resp:	862266
Ion Ratio	Lower	Upper	
169	100		
168	67.9	53.8	80.6
167	37.4	29.8	44.8

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.94 ng

RT: 10.66 min Scan# 759

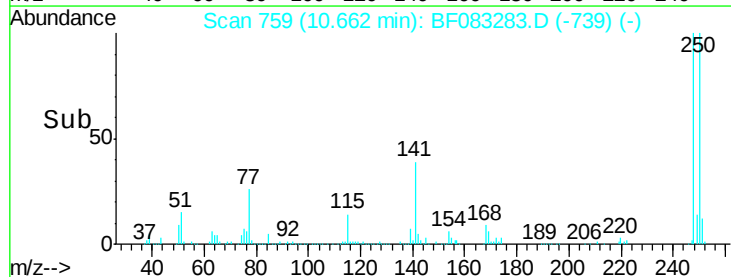
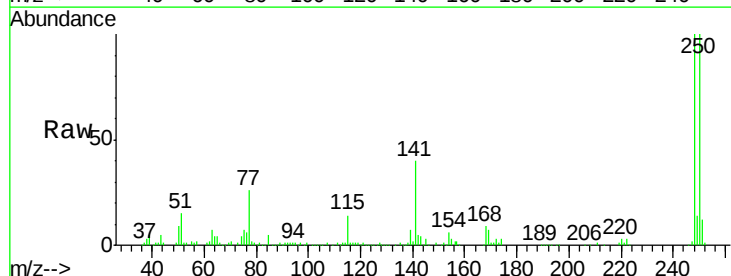
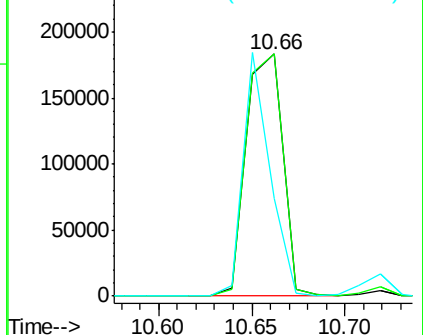
Delta R.T. -0.07 min

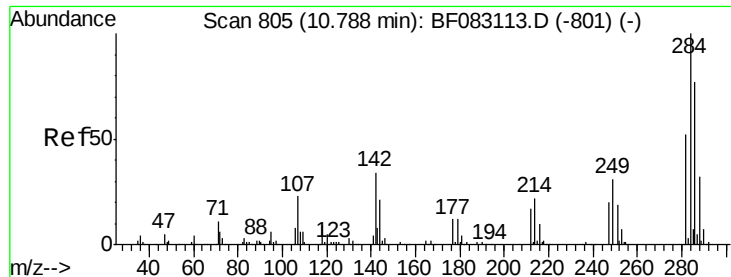
Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	248	Resp:	249343
Ion Ratio	Lower	Upper	
248	100		
250	100.2	75.4	113.2
141	40.3	48.1	72.1#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.44 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

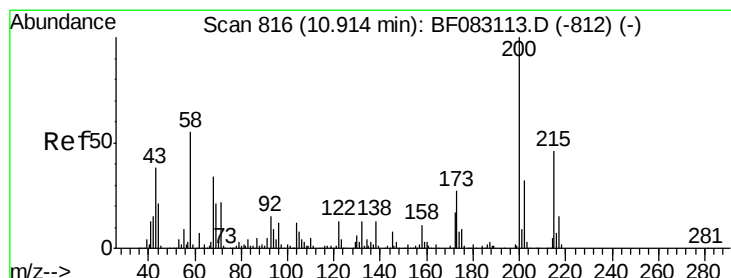
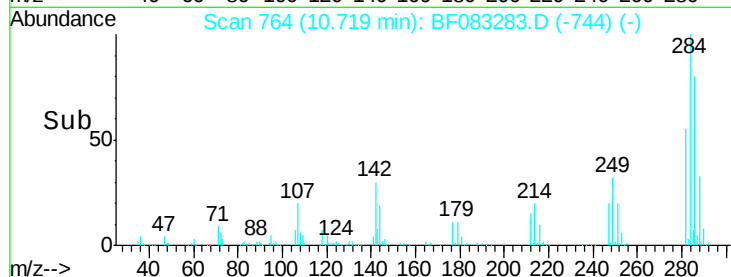
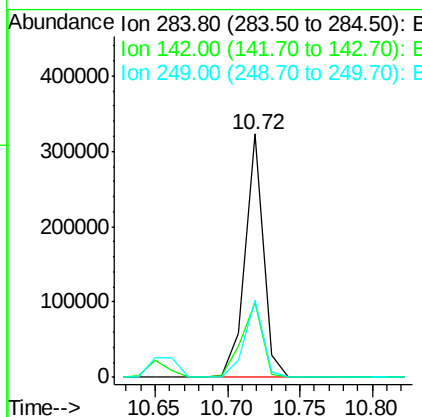
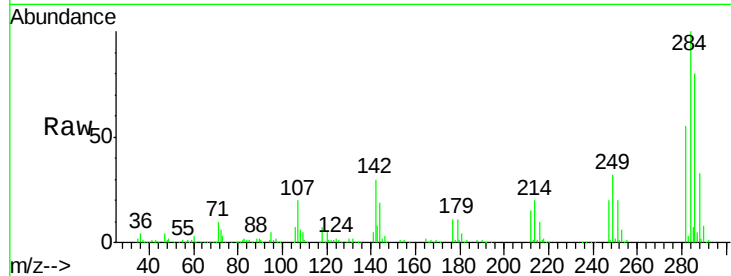
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	284	Resp:	284903
Ion Ratio	Lower	Upper	
284	100		
142	30.5	27.6	41.4
249	32.0	25.5	38.3

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#68

Atrazine

Concen: 50.45 ng

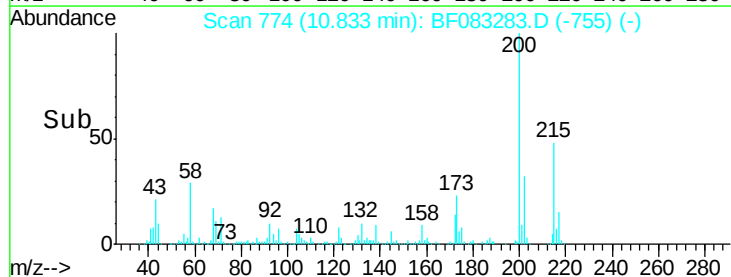
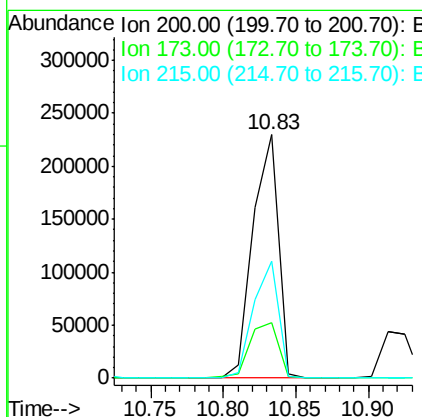
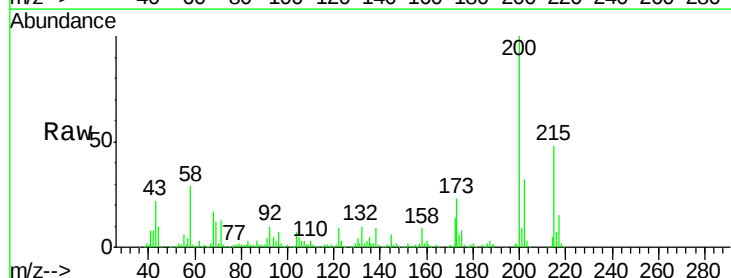
RT: 10.83 min Scan# 774

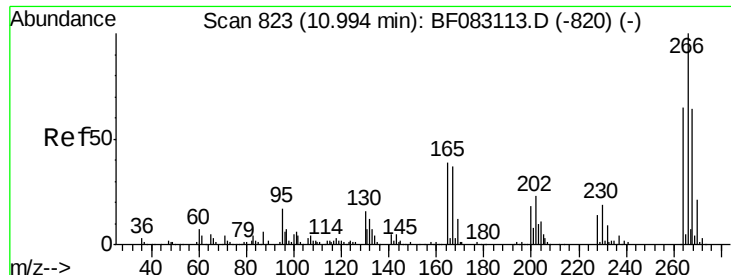
Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	200	Resp:	280286
Ion Ratio	Lower	Upper	
200	100		
173	22.7	7.2	47.2
215	48.1	25.7	65.7





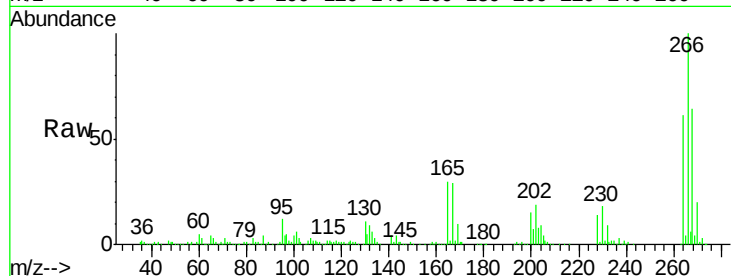
#69
 Pentachlorophenol
 Concen: 74.60 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

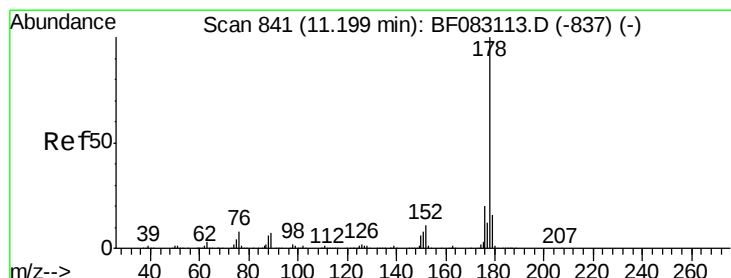
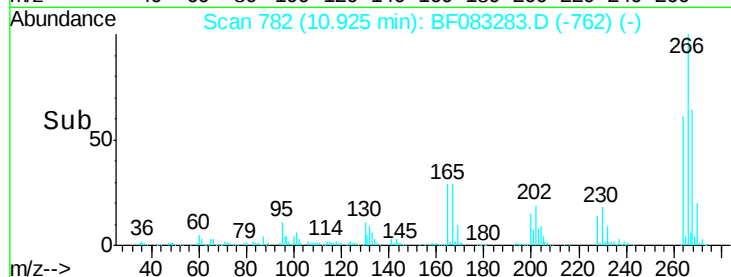
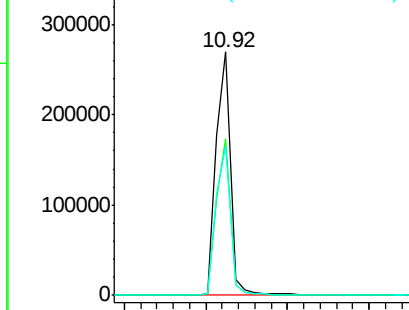
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.0
264	60.9	51.7	77.5

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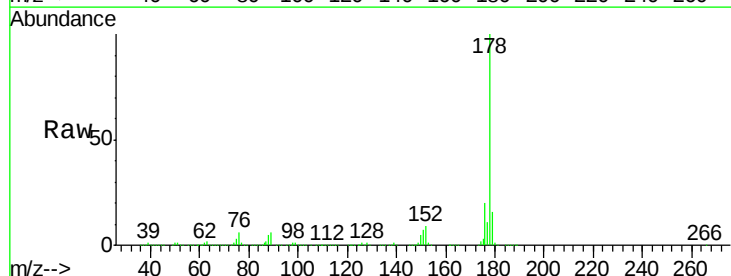


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

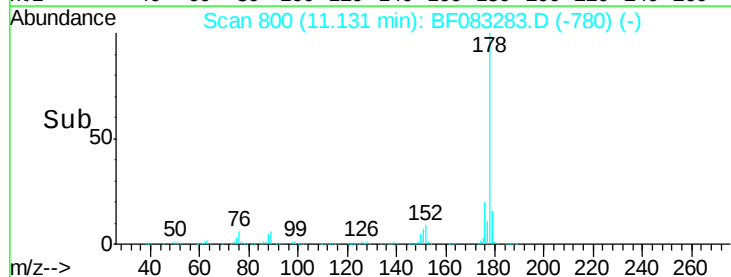
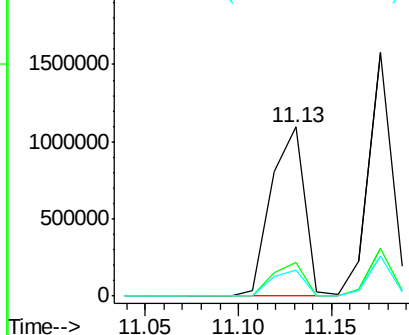


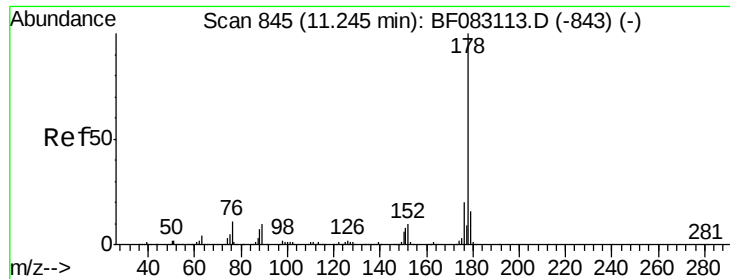
#70
 Phenanthrene
 Concen: 41.69 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.2
179	15.7	12.8	19.2



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: 41.79 ng
 RT: 11.18 min Scan# 804
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

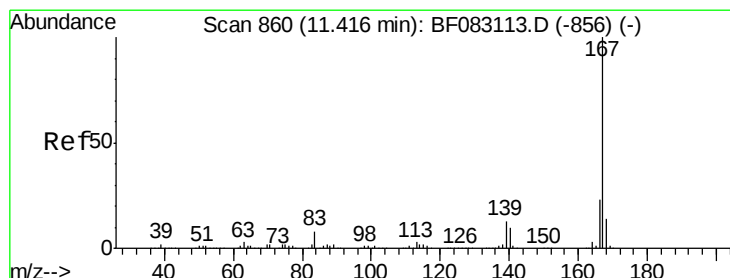
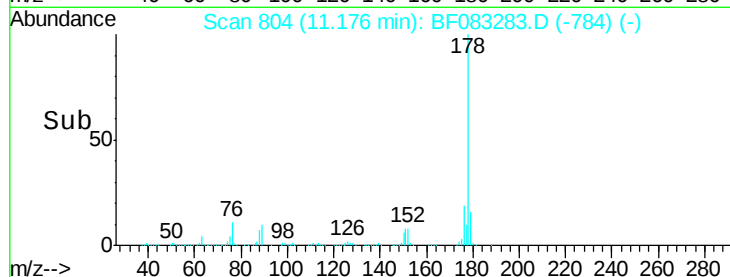
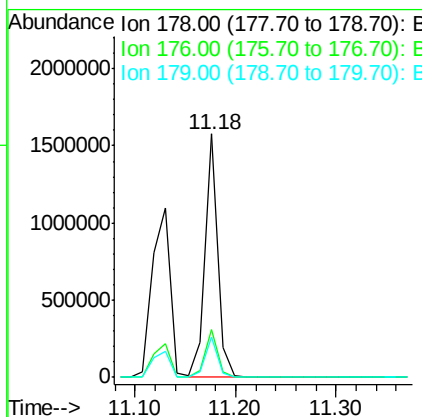
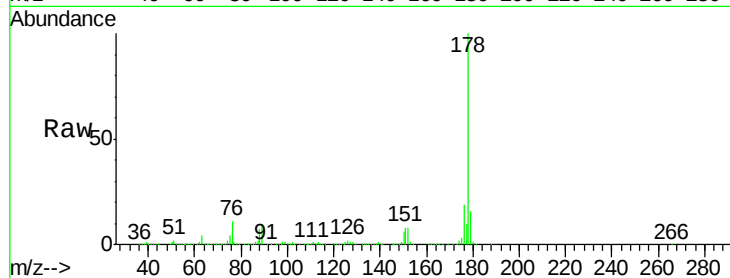
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

Tot Ion:178 Resp: 1381994

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.3	13.2	19.8

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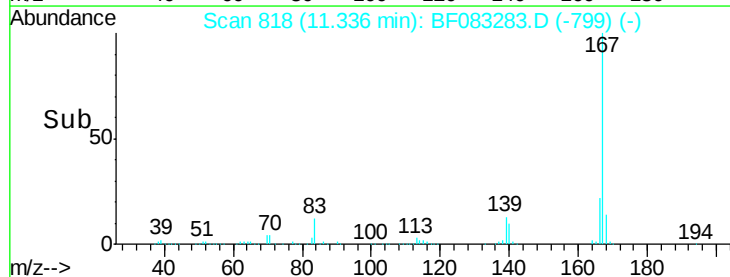
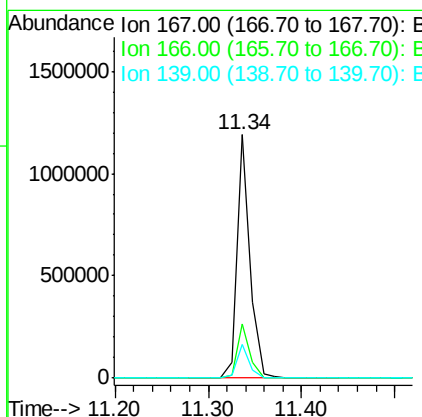
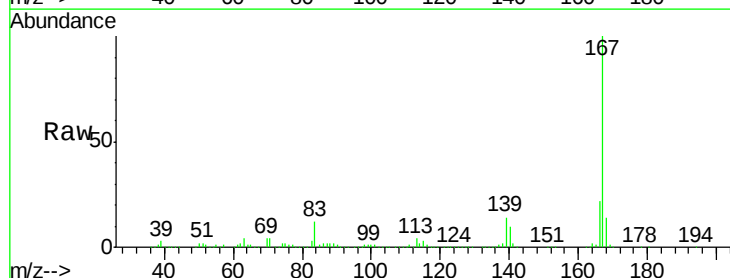
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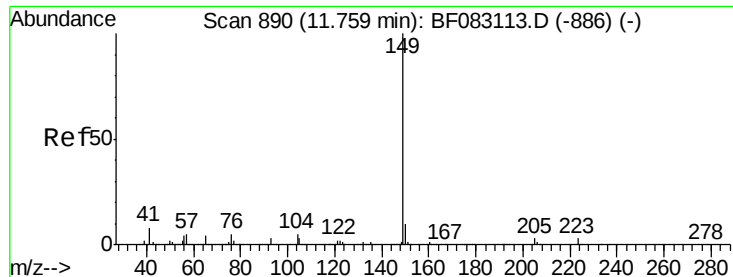


#72
 Carbazole
 Concen: 39.28 ng
 RT: 11.34 min Scan# 818
 Delta R.T. -0.08 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Tgt Ion:167 Resp: 1154461

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.9	10.5	15.7





#73

Di-n-butylphthalate

Concen: 40.12 ng

RT: 11.68 min Scan# 848

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

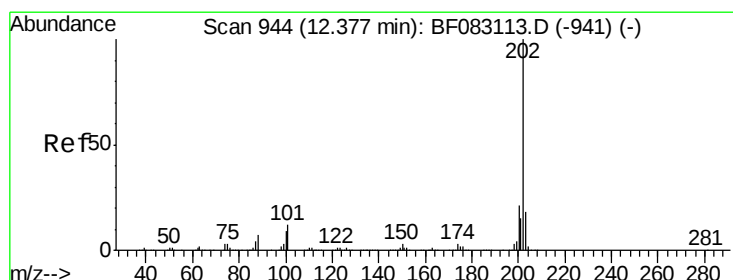
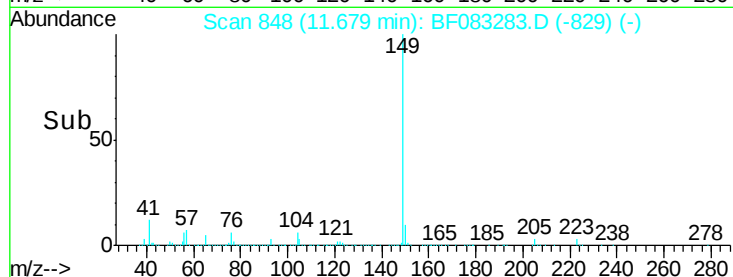
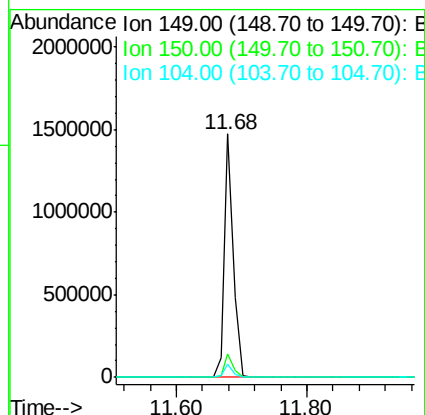
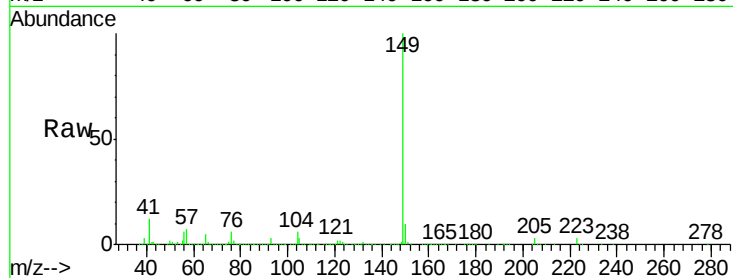
ClientSampleId :

P001-BF005-01MSD

Tot Ion:	149	Resp:	1439525
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.0	12.0
104	5.6	4.4	6.6

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#74

Fluoranthene

Concen: 40.71 ng

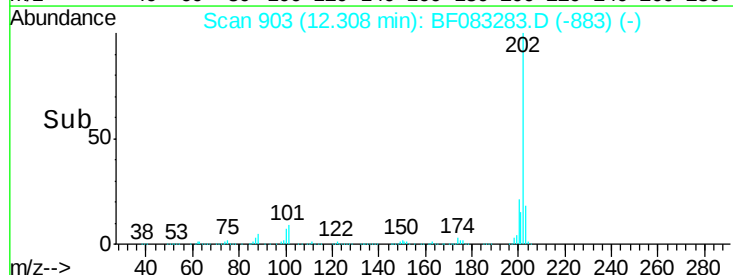
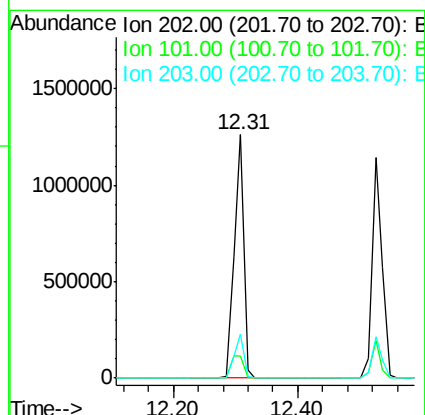
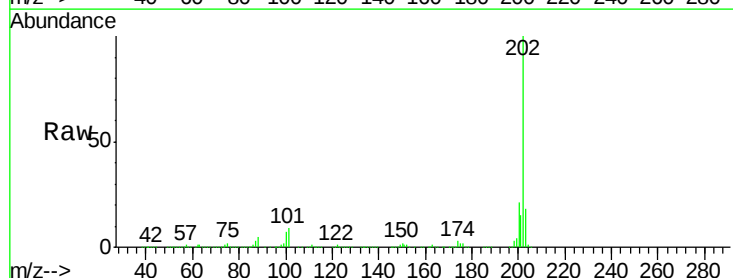
RT: 12.31 min Scan# 903

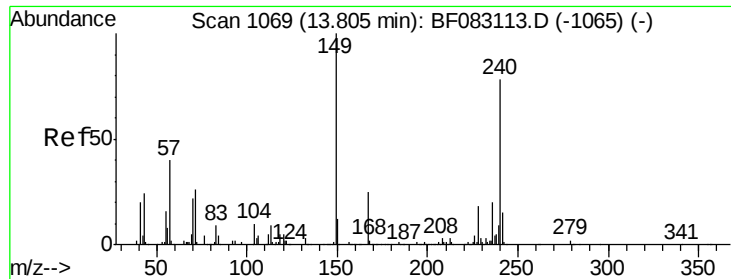
Delta R.T. -0.07 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:	202	Resp:	1350328
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	32.3
203	18.3	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

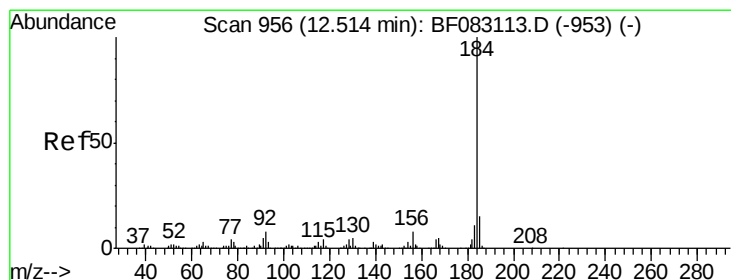
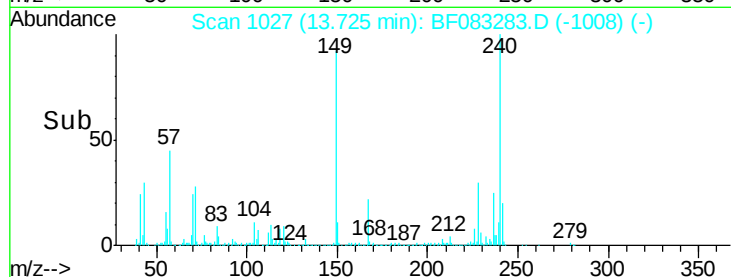
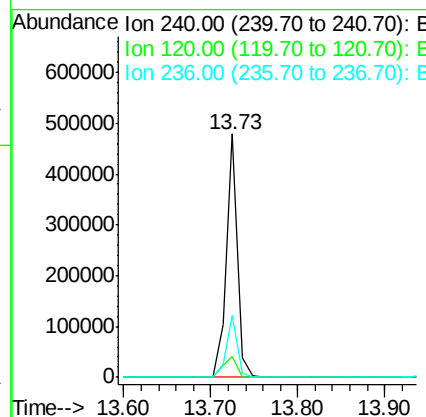
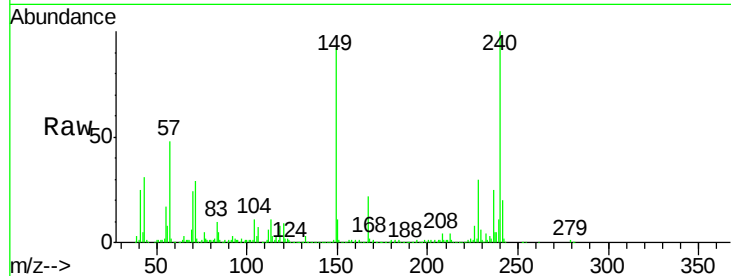
ClientSampleId :

P001-BF005-01MSD

Tot Ion:240 Resp: 434054
 Ion Ratio Lower Upper
 240 100
 120 8.8 5.4 8.2#
 236 25.4 20.6 31.0

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#76

Benzidine

Concen: 17.24 ng

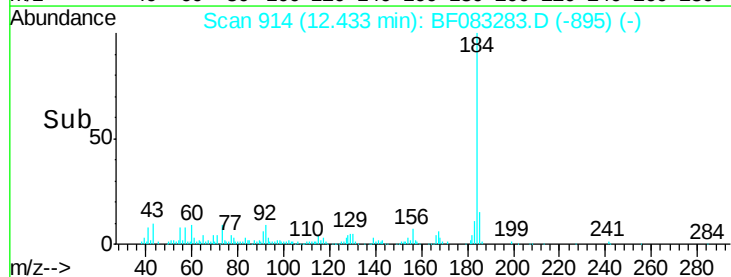
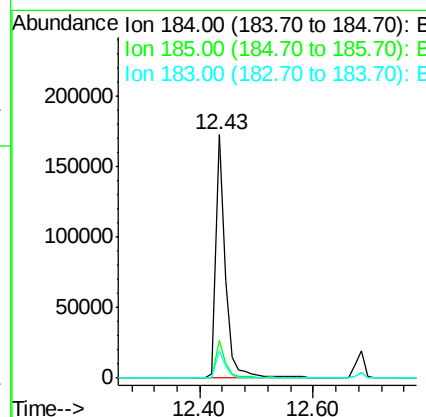
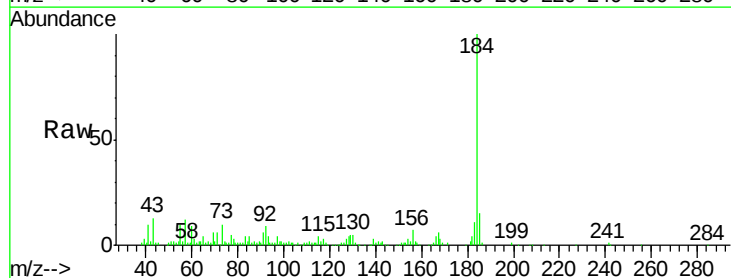
RT: 12.43 min Scan# 914

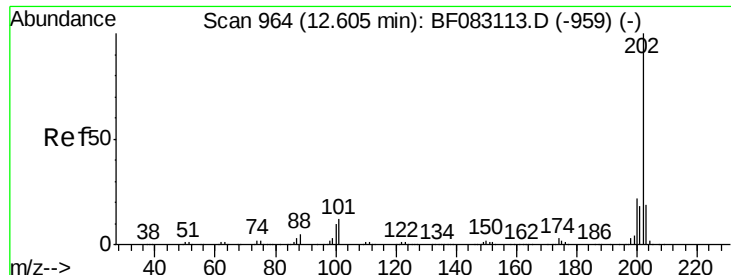
Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Tgt Ion:184 Resp: 196125
 Ion Ratio Lower Upper
 184 100
 185 15.4 11.7 17.5
 183 11.5 8.8 13.2





#77

Pvrene

Concen: 42.54 ng

RT: 12.52 min Scan# 922

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MSD

Tot Ion:202 Resp: 1261506

Ion Ratio Lower Upper

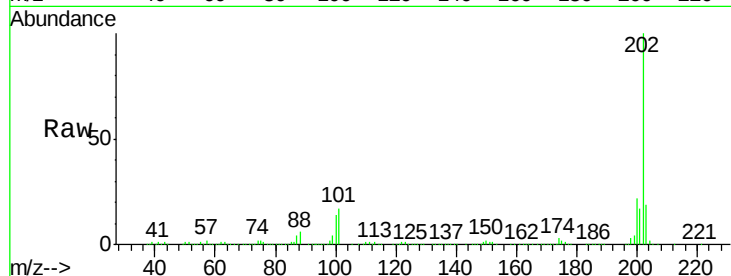
202 100

200 21.5 17.8 26.6

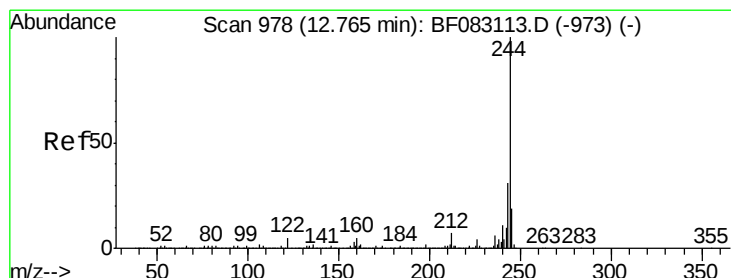
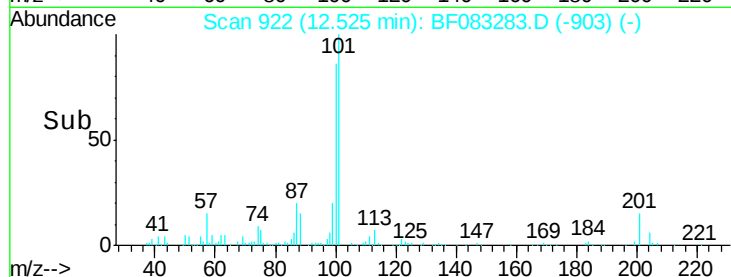
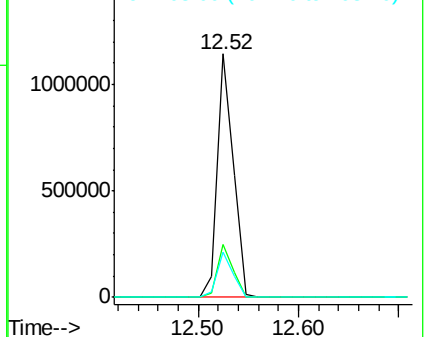
203 18.6 15.0 22.4

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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: 75.16 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

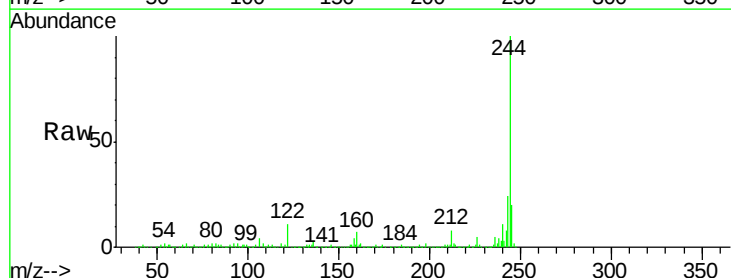
Tgt Ion:244 Resp: 1385385

Ion Ratio Lower Upper

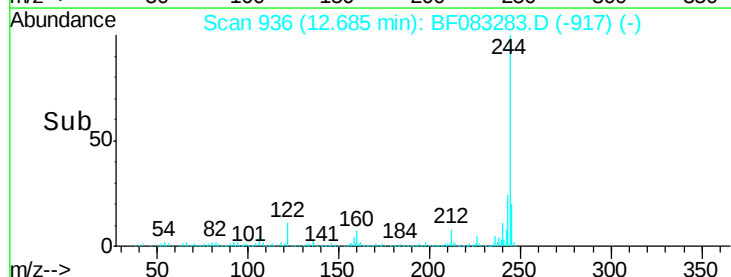
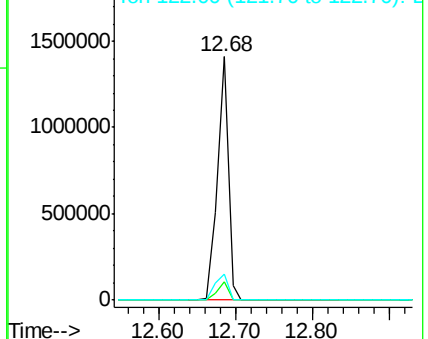
244 100

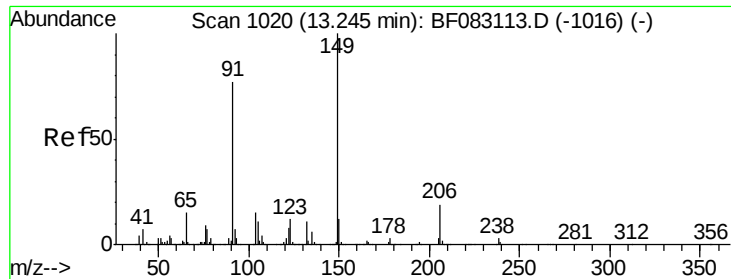
212 7.5 5.4 8.2

122 10.8 4.3 6.5#



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





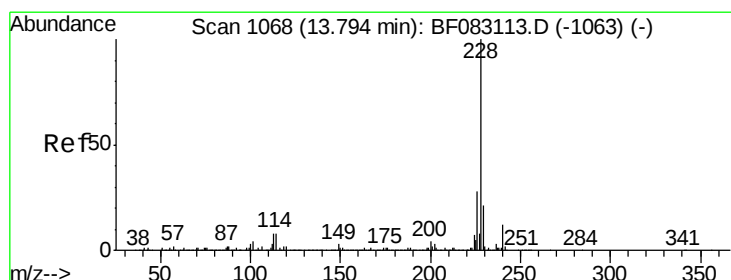
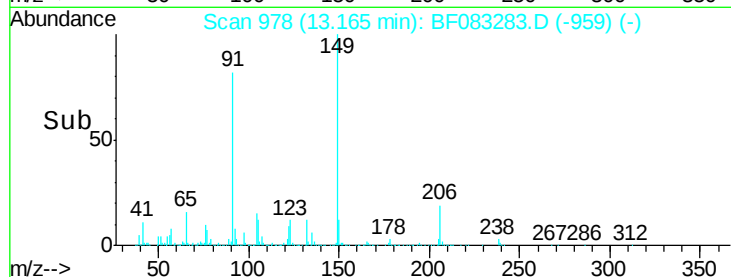
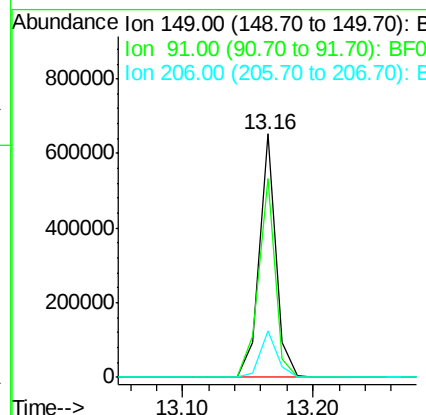
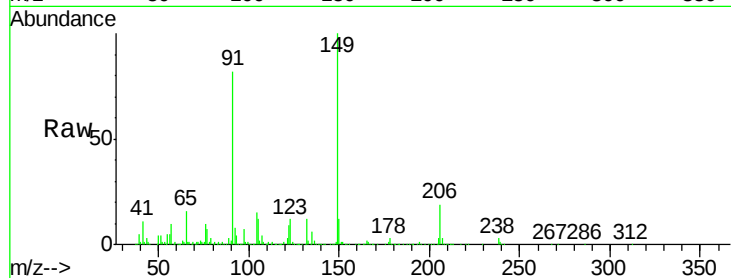
#79
Butylbenzylphthalate
Concen: 41.38 ng
RT: 13.16 min Scan# 978
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	580805		
91	81.8	61.5	92.3	
206	19.3	15.3	22.9	

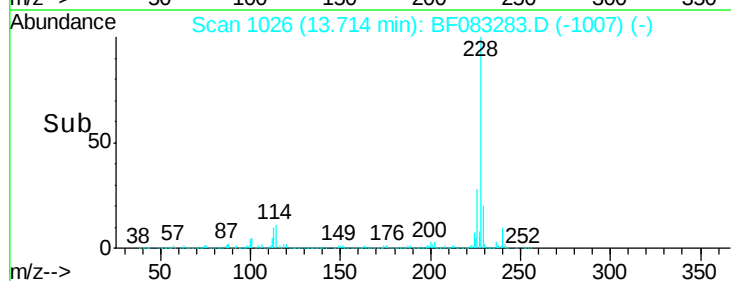
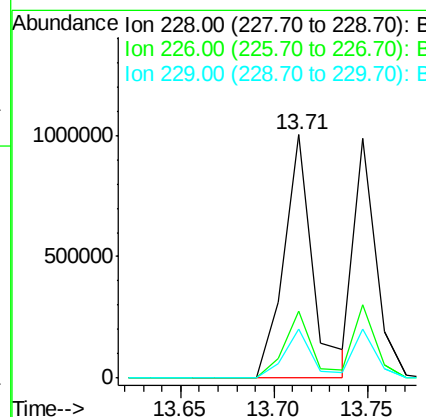
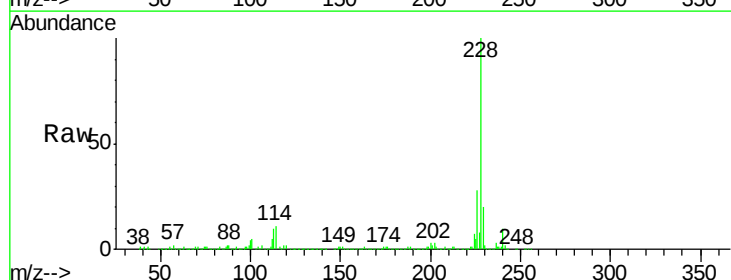
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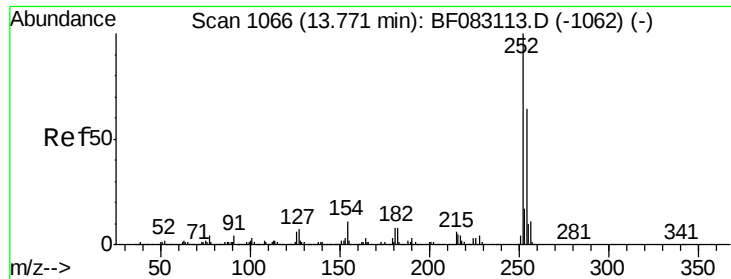
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#80
Benzo(a)anthracene
Concen: 40.40 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.08 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1084441		
226	27.6	22.6	33.8	
229	20.3	16.6	24.8	





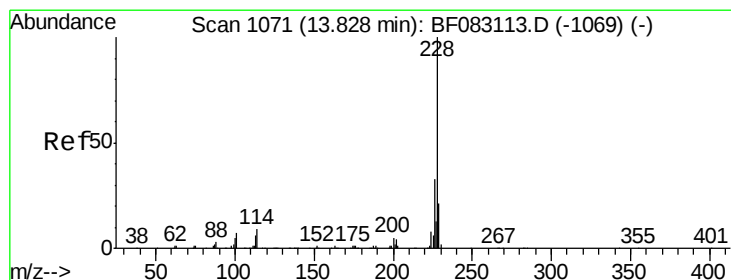
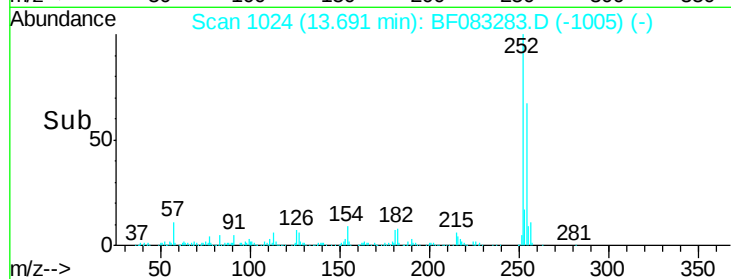
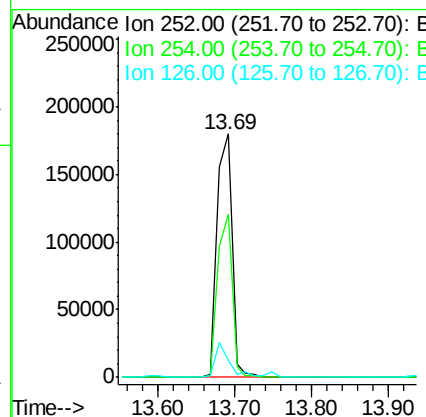
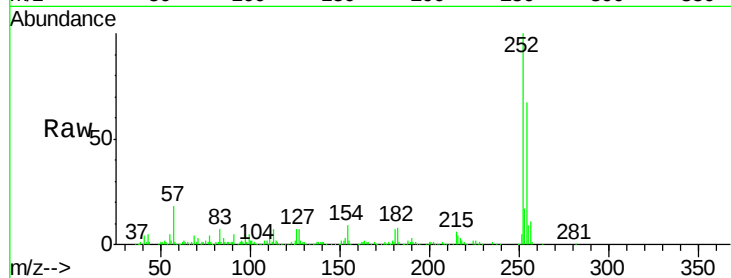
#81
 3,3'-Dichlorobenzidine
 Concen: 26.17 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.08 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.1	51.5	77.3
126	6.8	5.2	7.8

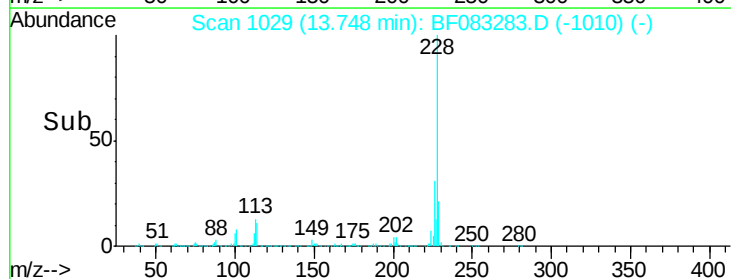
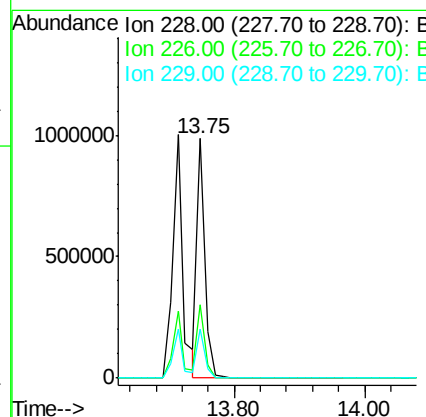
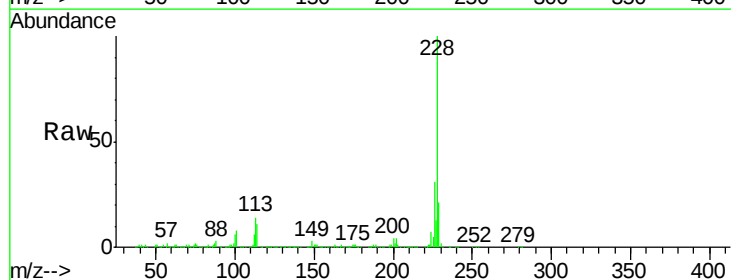
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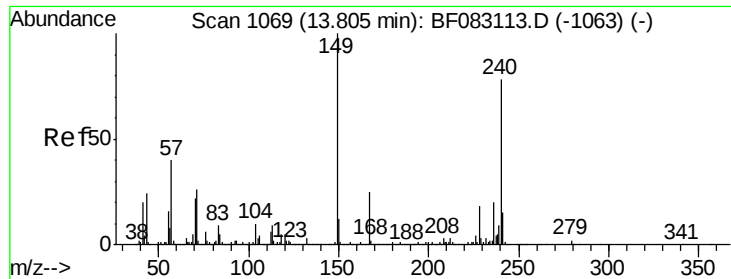
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#82
 Chrysene
 Concen: 33.42 ng
 RT: 13.75 min Scan# 1029
 Delta R.T. -0.08 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.6	16.6	25.0





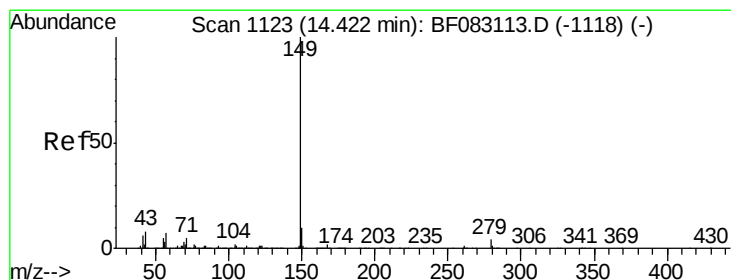
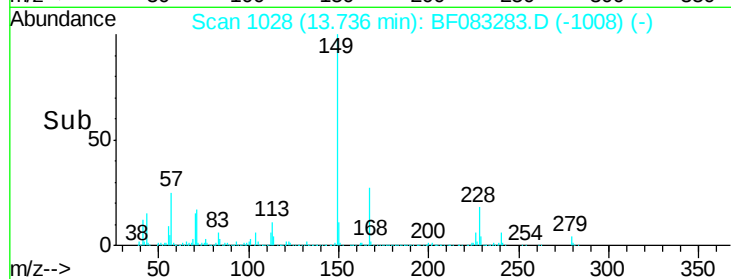
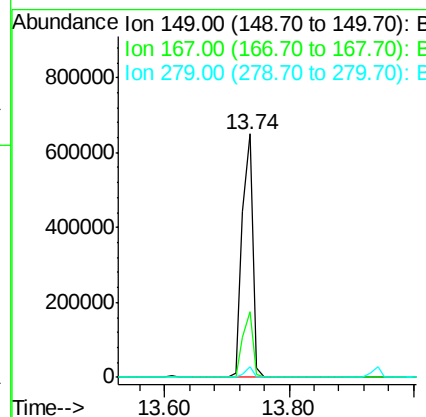
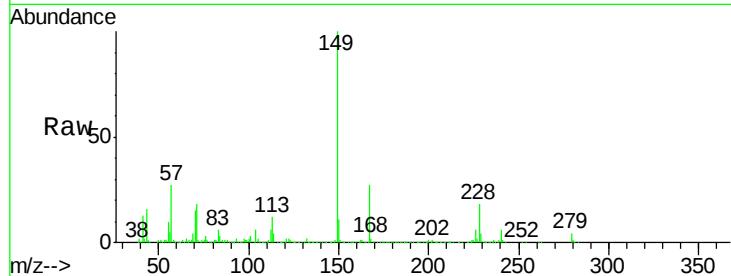
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.71 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.07 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	782844		
167	27.1	20.1	30.1	
279	4.2	1.7	2.5	

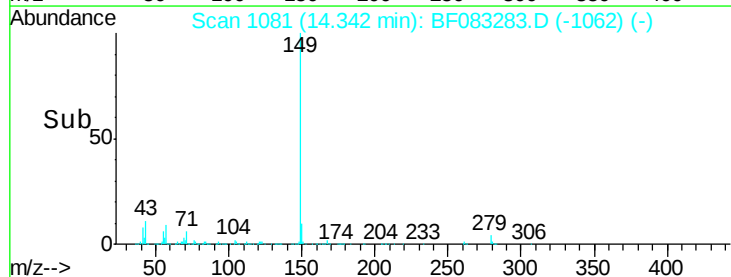
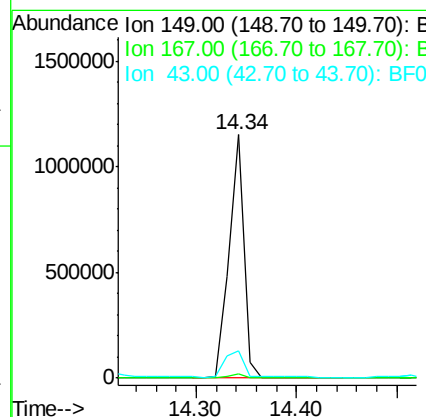
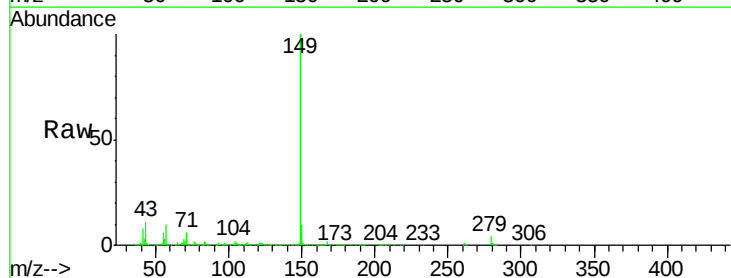
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#84
 Di-n-octyl phthalate
 Concen: 37.30 ng
 RT: 14.34 min Scan# 1081
 Delta R.T. -0.08 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1176939		
167	1.7	1.2	1.8	
43	13.5	9.5	14.3	





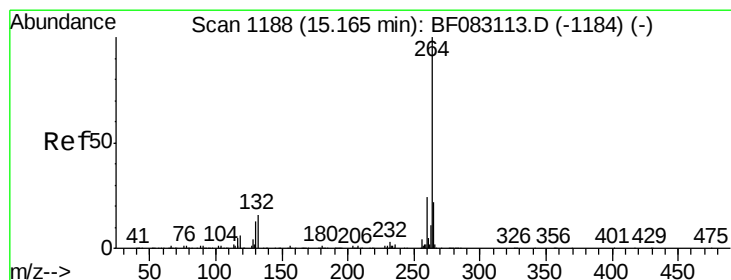
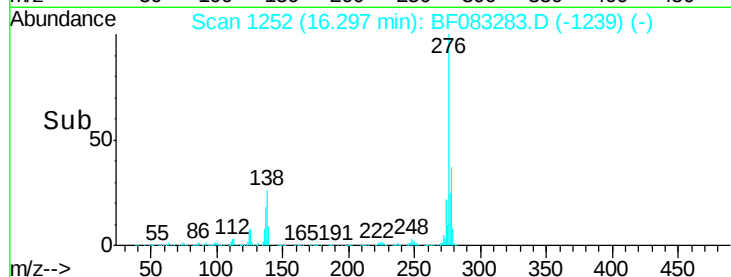
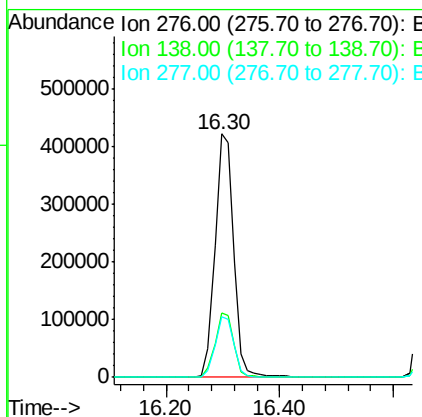
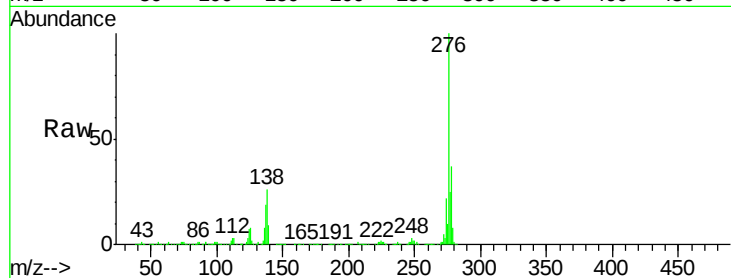
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.20 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.15 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	18.0	27.0
277	25.0	20.2	30.4

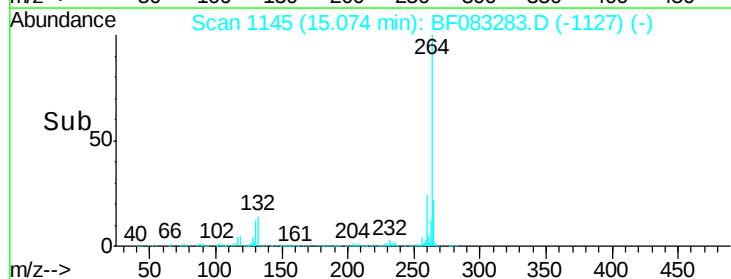
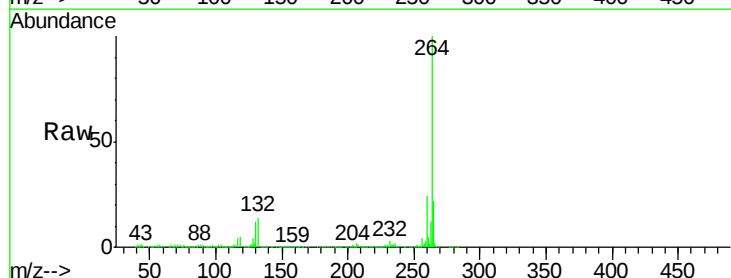
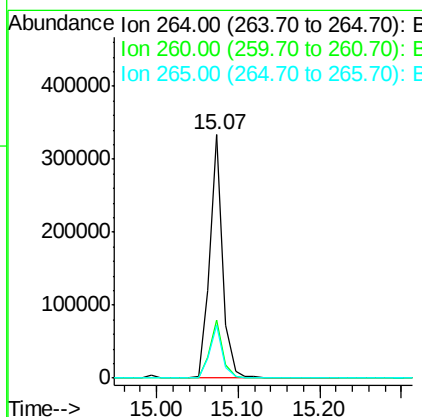
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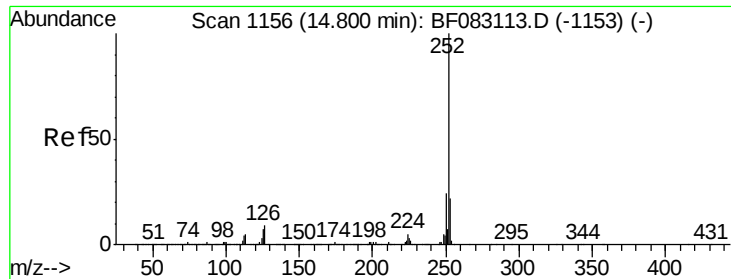
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.7	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 45.07 ng m

RT: 14.71 min Scan# 1113

Delta R.T. -0.09 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MSD

Tot Ion:252 Resp: 1154265

Ion Ratio Lower Upper

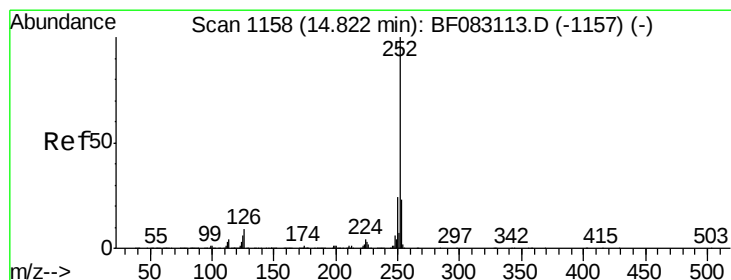
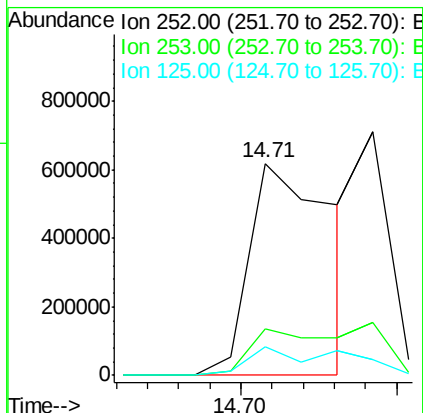
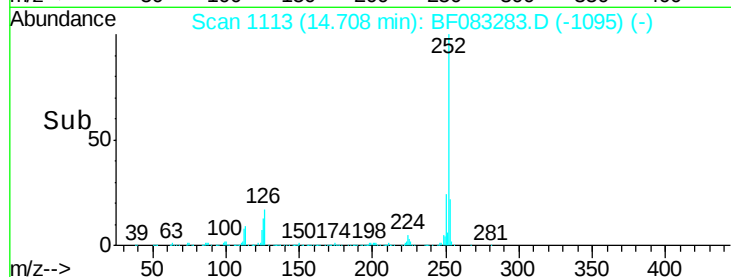
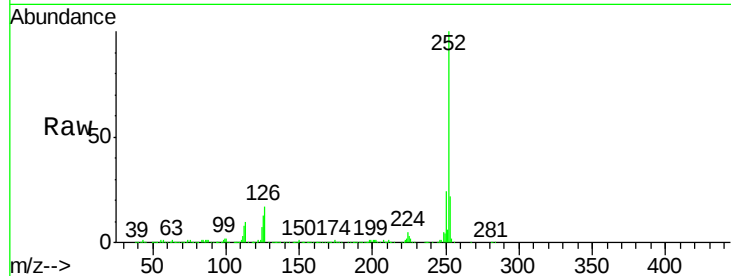
252 100

253 22.0 17.7 26.5

125 13.4 5.6 8.4#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 28.22 ng m

RT: 14.74 min Scan# 1116

Delta R.T. -0.08 min

Lab File: BF083283.D

Acq: 25 Nov 2015 19:52

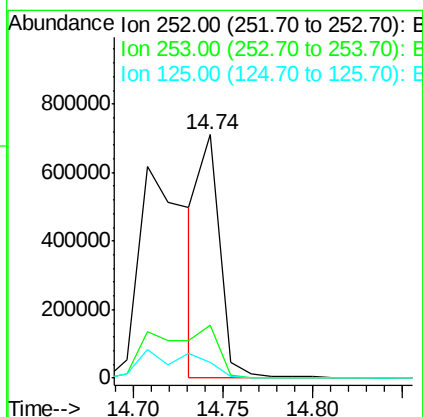
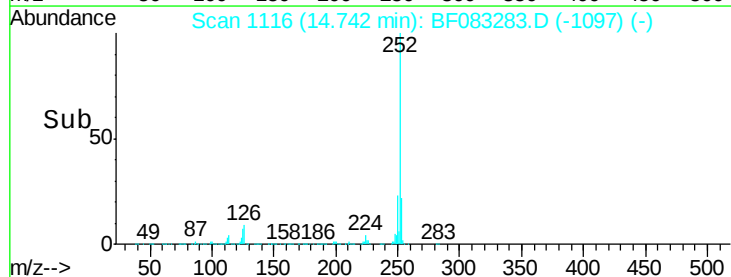
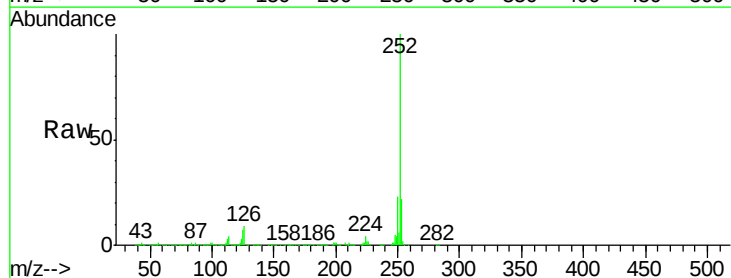
Tgt Ion:252 Resp: 538476

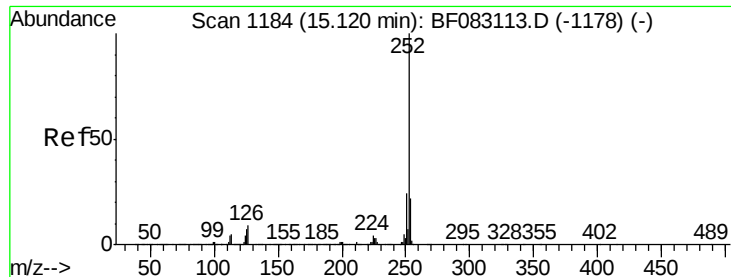
Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

125 6.6 6.8 10.2#





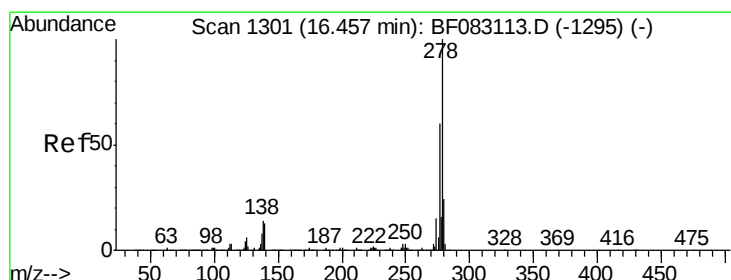
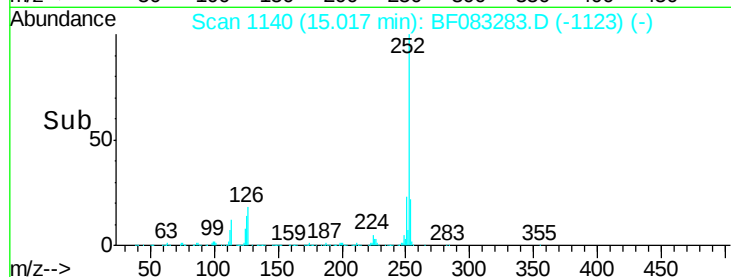
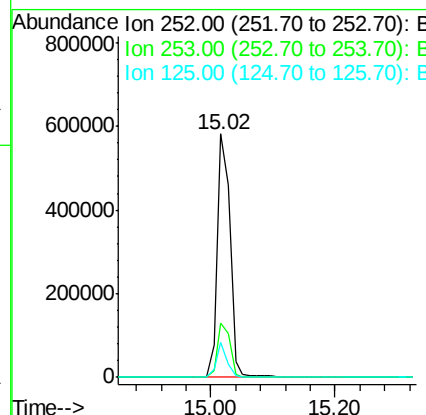
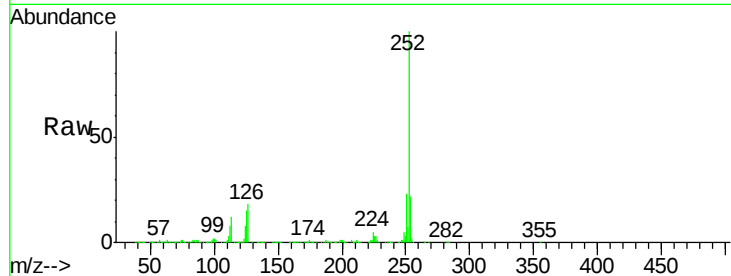
#89
Benzo(a)pyrene
Concen: 38.37 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.10 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.6	5.4	8.0

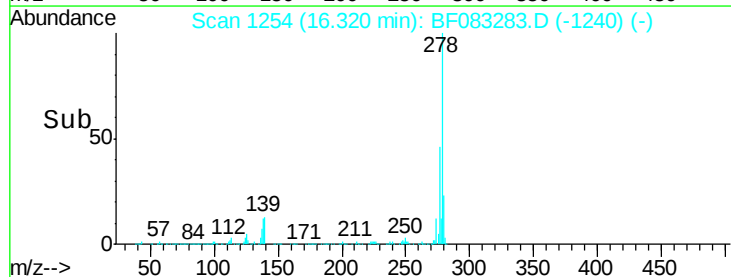
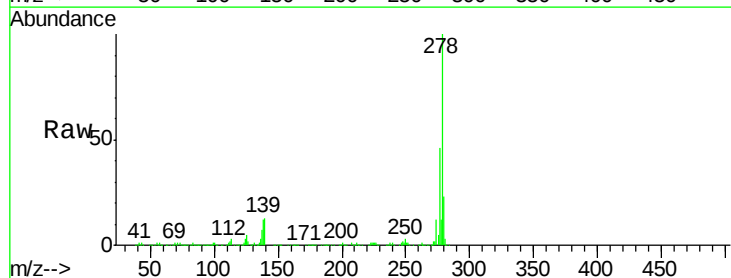
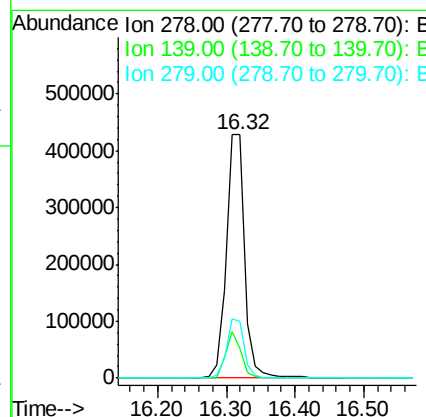
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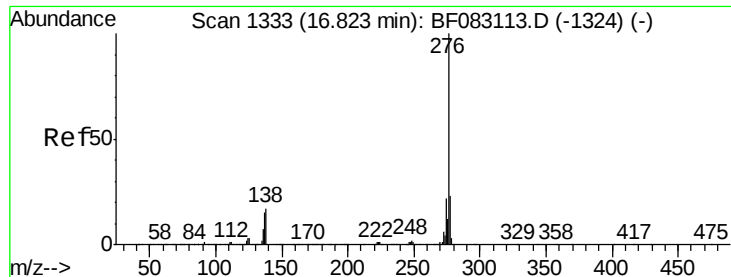
mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 42.38 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.14 min
Lab File: BF083283.D
Acq: 25 Nov 2015 19:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.7	16.1
279	23.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 42.38 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.16 min
 Lab File: BF083283.D
 Acq: 25 Nov 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	23.1	13.9	20.9

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