

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083952.D
 Acq On : 19 Dec 2015 14:12
 Operator : UM/SJ
 Sample : PB87402BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Manual Integrations
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 12/22/2015 12:00:03 PM

Quant Time: Dec 21 03:09:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	59774	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	237103	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	123444	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	228248	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	201935	20.00	ng	-0.02
86) Perylene-d12	15.44	264	148667	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	254563	66.65	ng	-0.01
7) Phenol-d6	6.50	99	321380	68.74	ng	-0.01
23) Nitrobenzene-d5	7.41	82	270161	65.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	96009	70.60	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	563520	61.33	ng	-0.03
78) Terphenyl-d14	12.96	244	647637	74.18	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	40515	24.45	ng	# 96
3) Pyridine	3.23	79	117632	28.71	ng	99
4) n-Nitrosodimethylamine	3.17	42	49200	31.48	ng	100
6) Aniline	6.51	93	103649	17.21	ng	# 14
8) 2-Chlorophenol	6.64	128	142493	31.35	ng	100
9) Benzaldehyde	6.40	77	58162	20.65	ng	89
10) Phenol	6.51	94	182818	35.04	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	121090	30.55	ng	93
12) 1,3-Dichlorobenzene	6.80	146	147784	30.23	ng	97
13) 1,4-Dichlorobenzene	6.86	146	149682	29.99	ng	97
14) 1,2-Dichlorobenzene	7.02	146	146828	35.73	ng	97
15) Benzyl Alcohol	7.00	79	122115	34.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	125253	30.65	ng	80
17) 2-Methylphenol	7.12	107	114457	32.10	ng	96
18) Hexachloroethane	7.37	117	56512	30.86	ng	# 90
19) n-Nitroso-di-n-propylamine	7.26	70	87253	32.01	ng	# 87
20) 3+4-Methylphenols	7.28	107	149960	35.79	ng	# 47
22) Acetophenone	7.26	105	193195	33.84	ng	# 94
24) Nitrobenzene	7.44	77	149279	34.75	ng	91
25) Isophorone	7.68	82	256956	32.87	ng	97
26) 2-Nitrophenol	7.76	139	79660	35.82	ng	98
27) 2,4-Dimethylphenol	7.80	122	138038	36.03	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	149567	32.35	ng	100
29) 2,4-Dichlorophenol	8.00	162	113228	32.58	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	115094	30.83	ng	99
31) Naphthalene	8.16	128	410544	33.82	ng	99
32) Benzoic acid	7.93	122	62561	45.29	ng	96
33) 4-Chloroaniline	8.20	127	63731	11.84	ng	98
34) Hexachlorobutadiene	8.28	225	72879	31.27	ng	99
35) Caprolactam	8.57	113	38093m	33.17	ng	
36) 4-Chloro-3-methylphenol	8.70	107	142625	36.01	ng	91
37) 2-Methylnaphthalene	8.85	142	291928	35.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	114514	29.42	ng	97
40) Hexachlorocyclopentadiene	9.00	237	63470	56.02	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	79464	30.92	nq	96
43) 2,4,5-Trichlorophenol	9.17	196	85521	33.63	nq #	87
45) 1,1'-Biphenyl	9.31	154	346859	33.04	nq	99
46) 2-Chloronaphthalene	9.33	162	252634	30.58	nq	99
47) 2-Nitroaniline	9.44	65	81621	33.43	nq #	61
48) Acenaphthylene	9.76	152	430725	29.93	nq	100
49) Dimethylphthalate	9.62	163	342409	33.06	nq #	91
50) 2,6-Dinitrotoluene	9.68	165	75107	33.24	nq #	86
51) Acenaphthene	9.93	154	297105	33.58	nq	99
52) 3-Nitroaniline	9.84	138	39765	16.70	nq	97
53) 2,4-Dinitrophenol	9.95	184	50421	64.45	nq #	68
54) Dibenzofuran	10.10	168	391288	34.05	nq	99
55) 4-Nitrophenol	10.02	139	86854	58.41	nq #	81
56) 2,4-Dinitrotoluene	10.08	165	93697	32.35	nq	90
57) Fluorene	10.44	166	303522	33.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	65916	35.03	nq	98
59) Diethylphthalate	10.32	149	356087	33.25	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	145052	32.93	nq	99
61) 4-Nitroaniline	10.45	138	64222	26.06	nq	99
62) Azobenzene	10.59	77	325293	36.24	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	42093	31.48	nq #	70
65) n-Nitrosodiphenylamine	10.54	169	255617	30.78	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	82243	29.47	nq	96
67) Hexachlorobenzene	10.99	284	100388	34.17	nq	99
68) Atrazine	11.08	200	90667	34.46	nq	93
69) Pentachlorophenol	11.18	266	82083	66.67	nq	99
70) Phenanthrene	11.40	178	439757	31.89	nq	100
71) Anthracene	11.45	178	441921	33.15	nq	99
72) Carbazole	11.60	167	418260	31.76	nq	99
73) Di-n-butylphthalate	11.94	149	557929	36.05	nq	100
74) Fluoranthene	12.58	202	435008	31.61	nq	100
76) Benzidine	12.69	184	117990	14.59	nq	99
77) Pyrene	12.81	202	444229	35.36	nq	99
79) Butylbenzylphthalate	13.42	149	227374	33.82	nq	98
80) Benzo(a)anthracene	14.00	228	383652	30.90	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	81861	17.64	nq #	94
82) Chrysene	14.03	228	327795	27.33	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	311132	34.67	nq	100
84) Di-n-octyl phthalate	14.60	149	530829	37.79	nq	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	297532	33.18	nq	99
87) Benzo(b)fluoranthene	15.03	252	318226m	29.36	nq	
88) Benzo(k)fluoranthene	15.06	252	341108m	38.15	nq	
89) Benzo(a)pyrene	15.38	252	295555	33.02	nq #	97
90) Dibenzo(a,h)anthracene	16.87	278	248297	35.66	nq #	95
91) Benzo(g,h,i)perylene	17.28	276	249429	36.55	nq	99

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

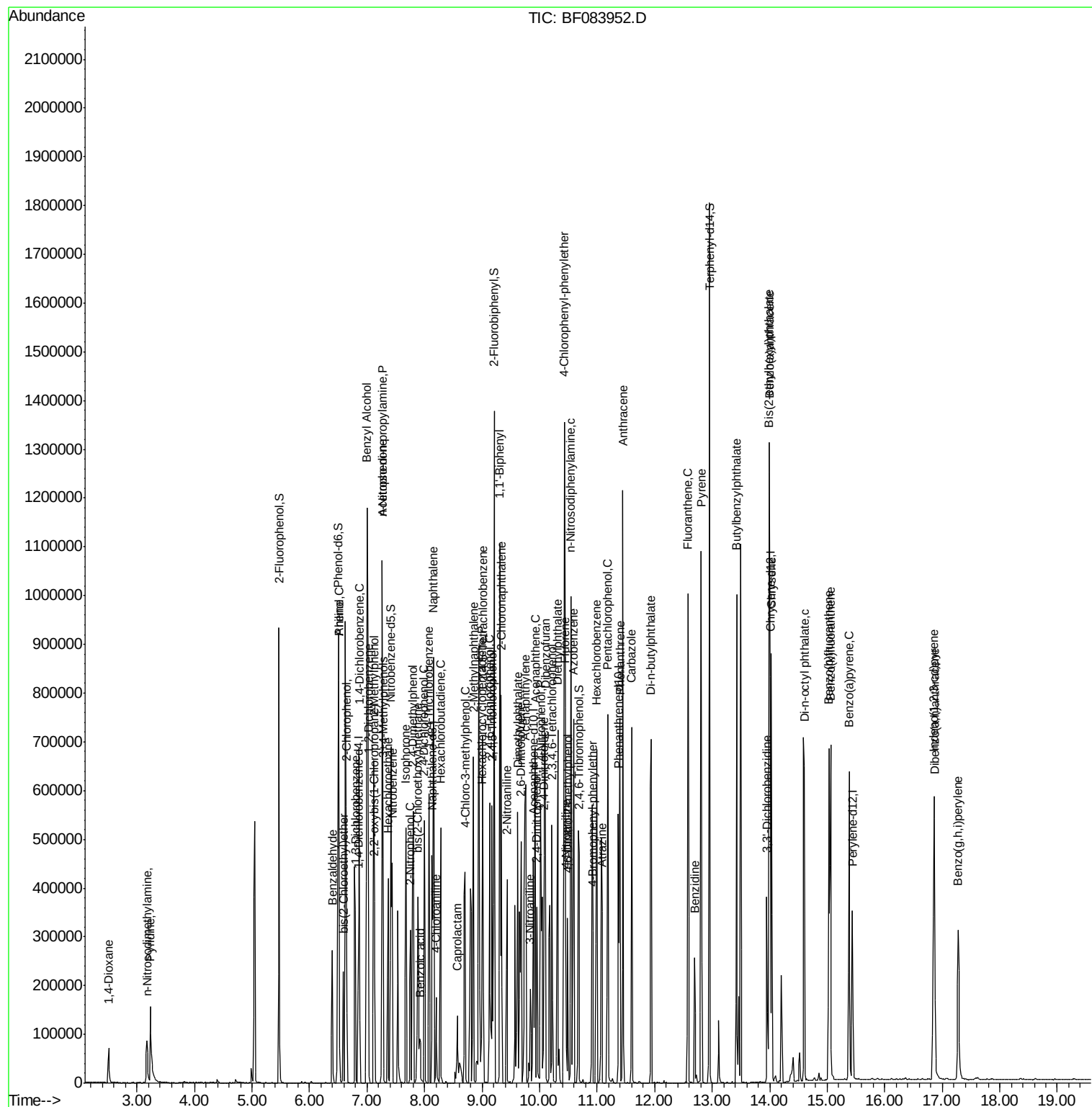
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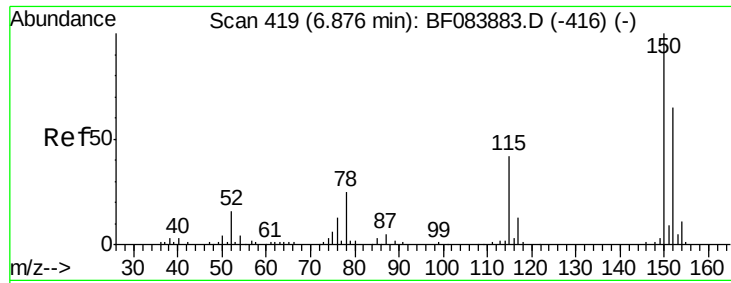
Instrument :
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#1

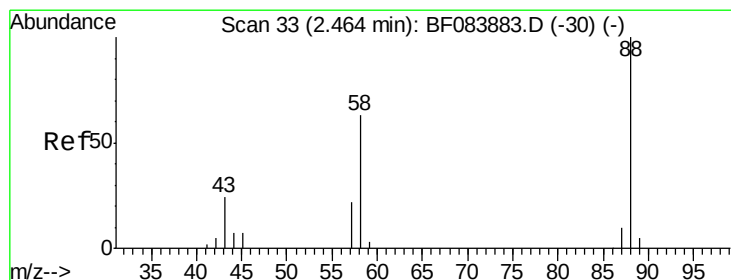
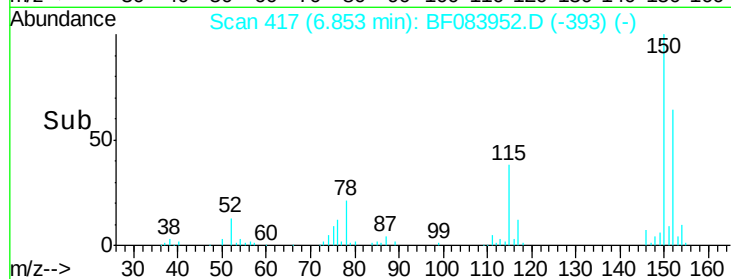
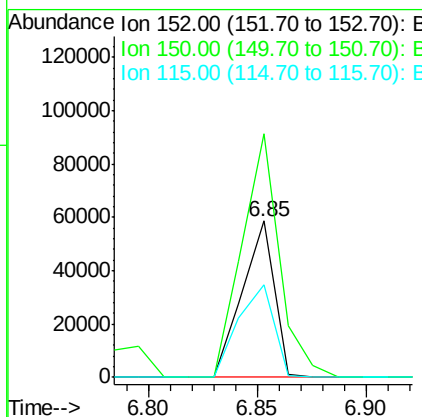
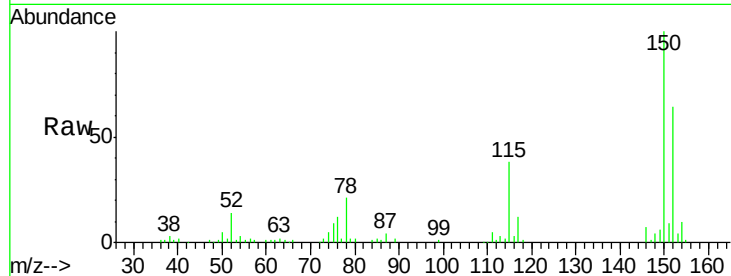
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	59.1	51.4	77.2

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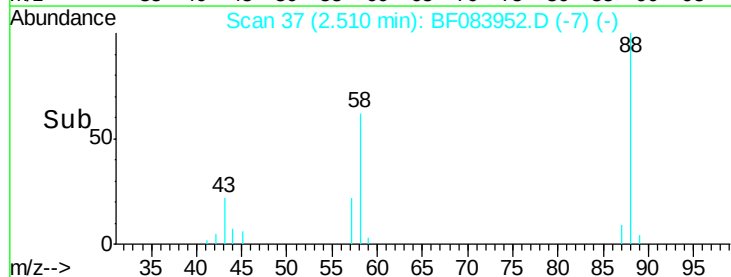
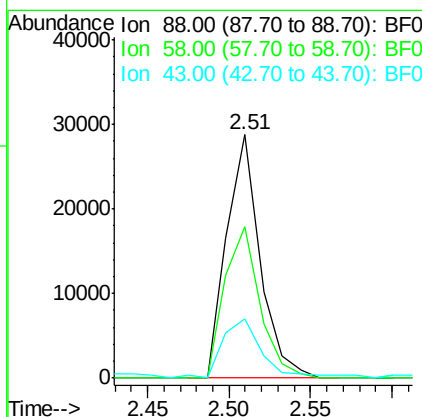
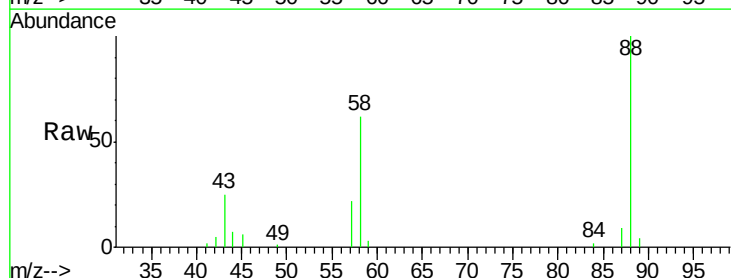
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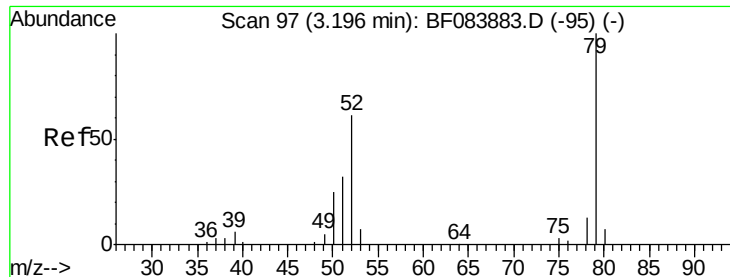


#2

1,4-Dioxane
Concen: 24.45 ng
RT: 2.51 min Scan# 37
Delta R.T. 0.05 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	51.2	76.8
43	29.7	19.5	29.3#





#3

Pvridine

Concen: 28.71 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

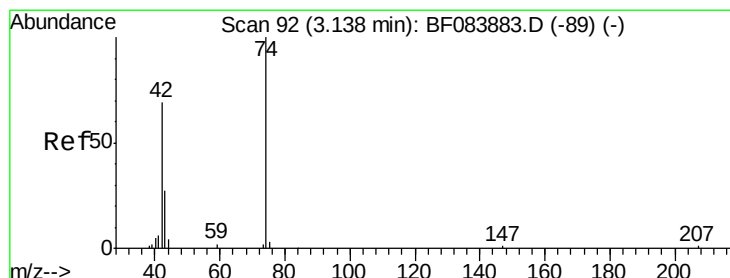
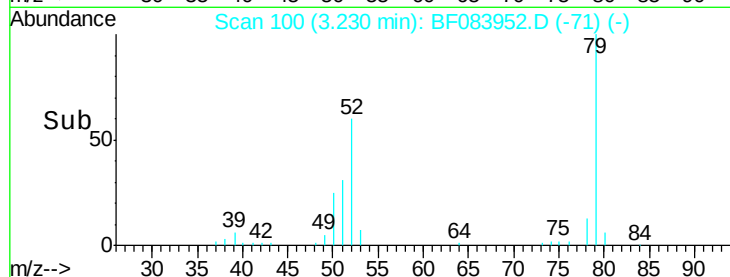
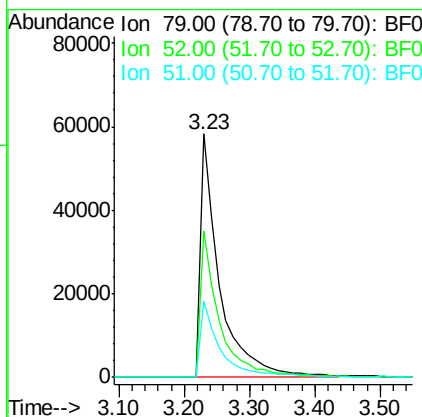
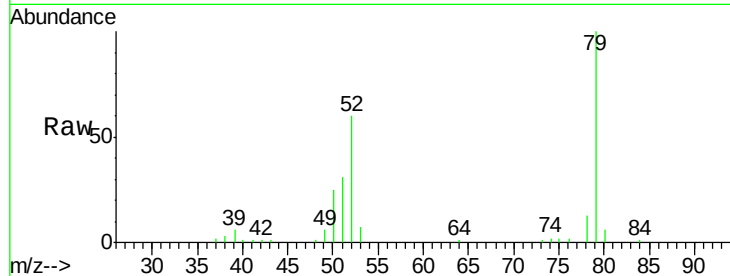
ClientSampleId :

PB87402BSD

Tot Ion:	79	Resp:	117632
Ion Ratio	Lower	Upper	
79	100		
52	60.1	49.0	73.4
51	31.0	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 31.48 ng

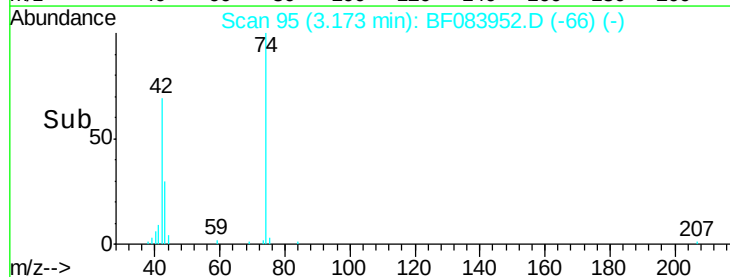
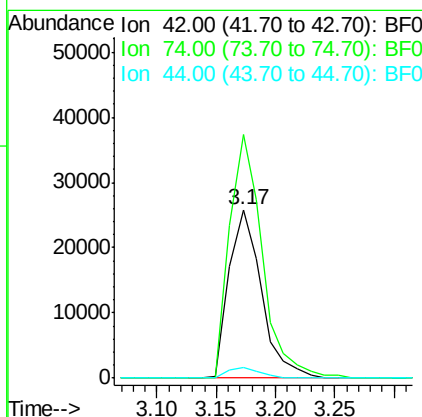
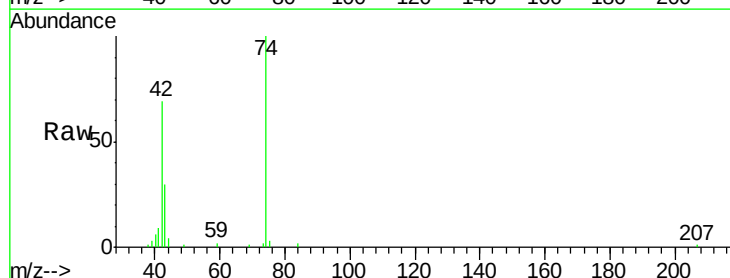
RT: 3.17 min Scan# 95

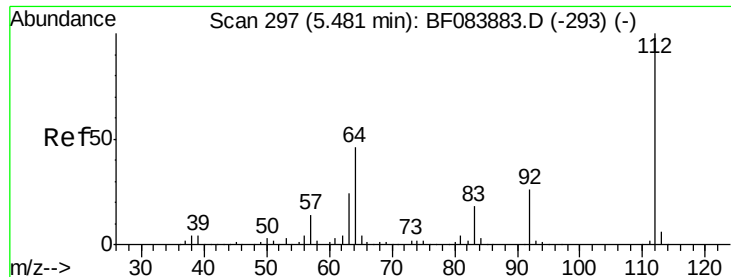
Delta R.T. 0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	42	Resp:	49200
Ion Ratio	Lower	Upper	
42	100		
74	144.5	115.7	173.5
44	6.5	5.1	7.7





#5

2-Fluorophenol

Concen: 66.65 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

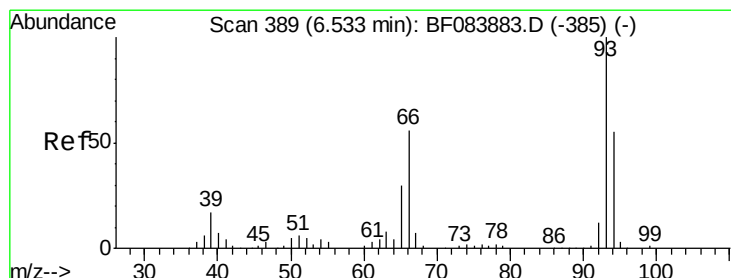
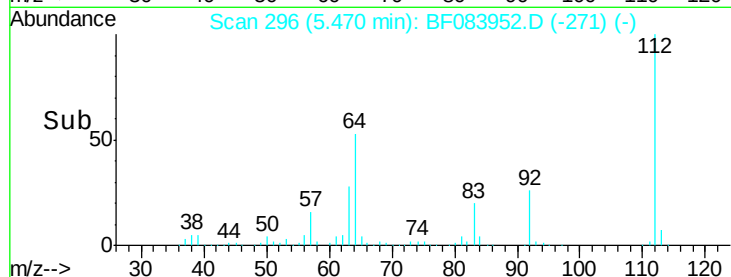
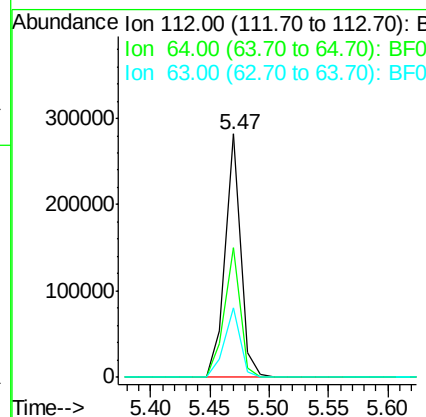
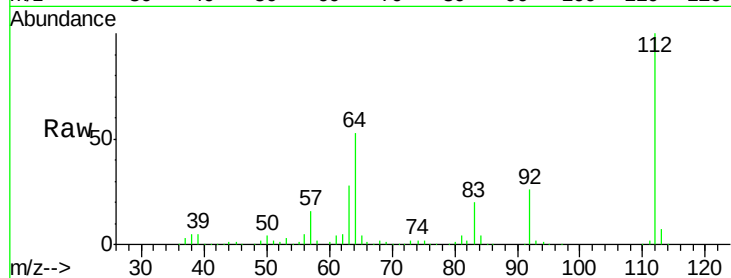
ClientSampleId :

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Tot Ion:	112	Resp:	254563
Ion Ratio	Lower	Upper	
112	100		
64	53.3	36.6	55.0
63	28.4	19.4	29.0

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#6

Aniline

Concen: 17.21 ng

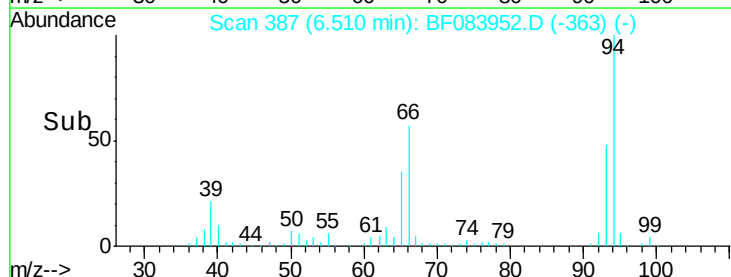
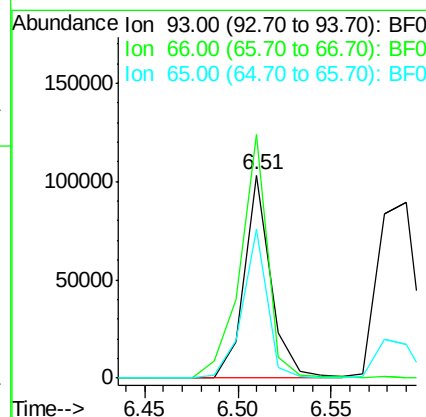
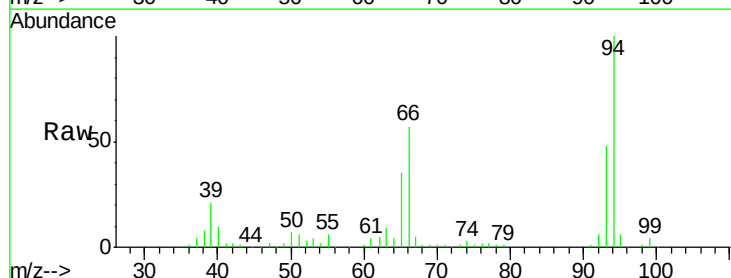
RT: 6.51 min Scan# 387

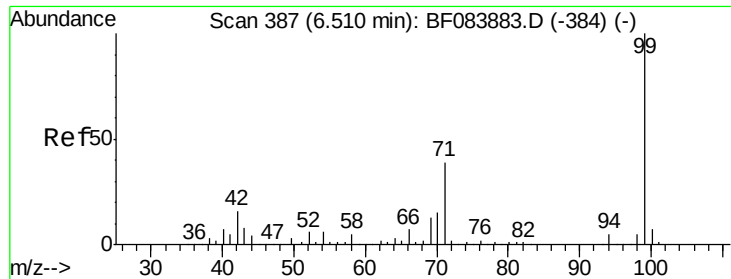
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	93	Resp:	103649
Ion Ratio	Lower	Upper	
93	100		
66	120.0	44.9	67.3#
65	73.7	23.7	35.5#





#7

Phenol-d6

Concen: 68.74 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

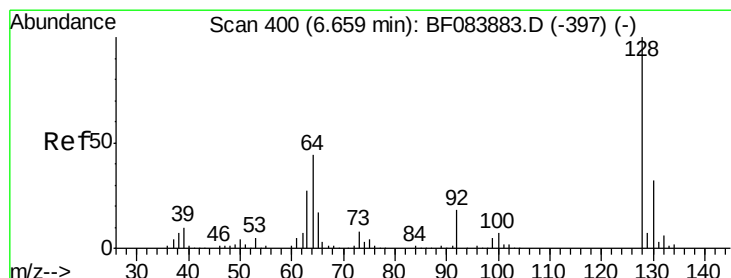
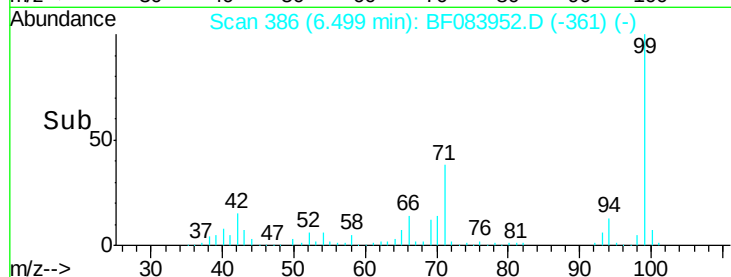
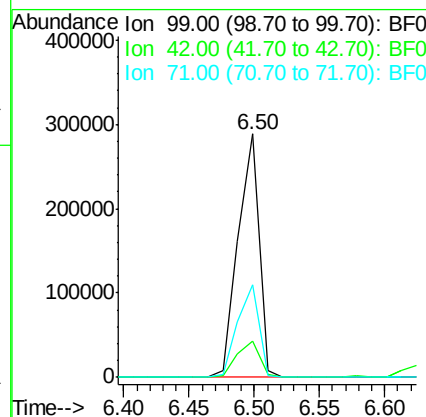
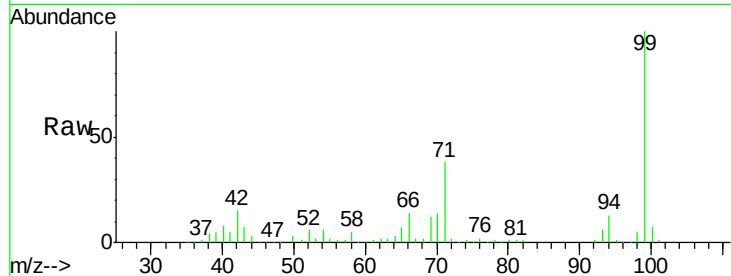
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Tot Ion:	99	Resp:	321380
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.8	19.2
71	38.3	30.9	46.3

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#8

2-Chlorophenol

Concen: 31.35 ng

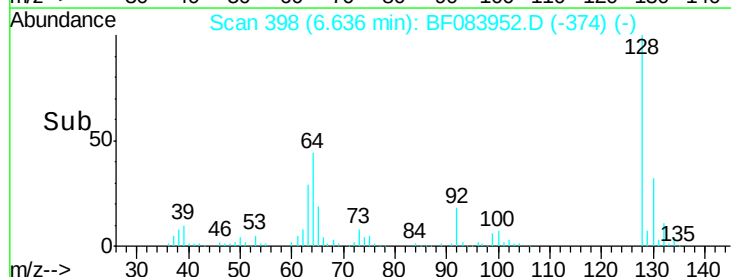
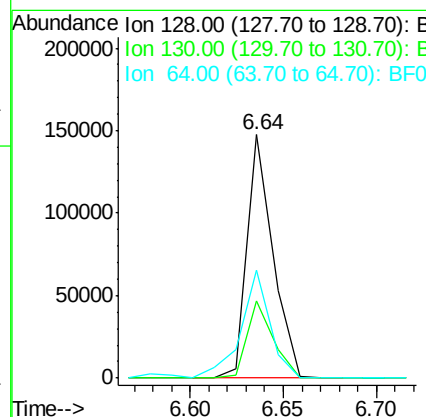
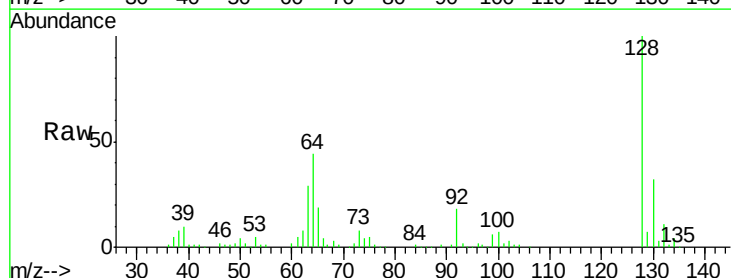
RT: 6.64 min Scan# 398

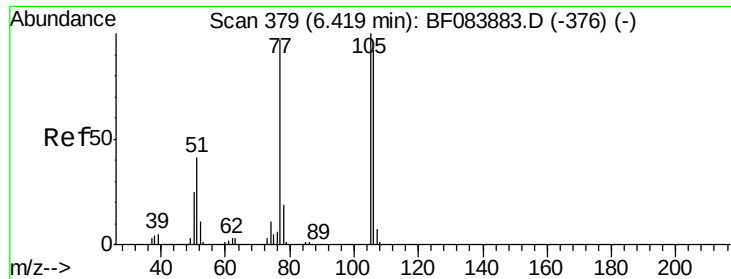
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	128	Resp:	142493
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.6	51.6
64	44.1	23.8	63.8





#9

Benzaldehyde

Concen: 20.65 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

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BNA_F

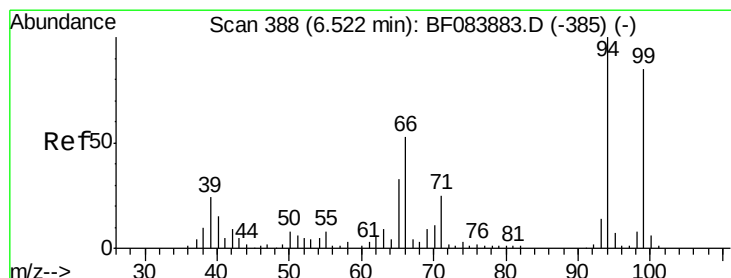
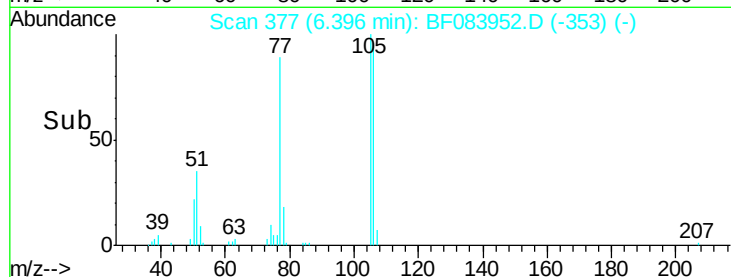
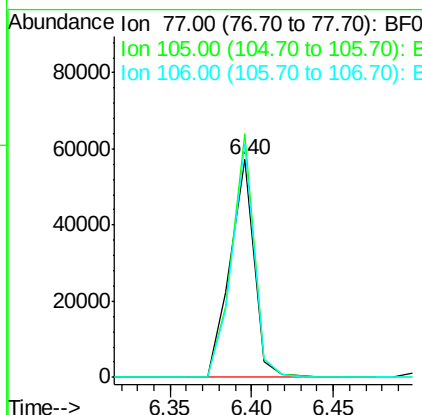
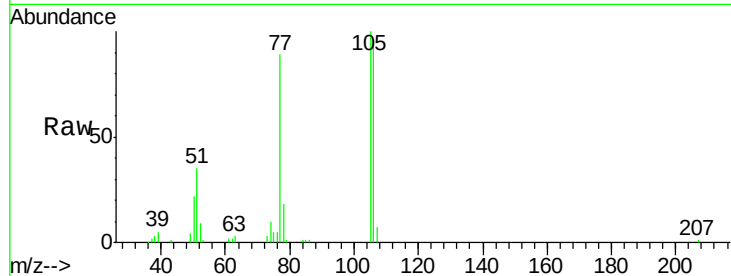
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Tot Ion	Ratio	Lower	Upper
77	100		
105	111.8	83.0	123.0
106	107.2	74.6	114.6

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#10

Phenol

Concen: 35.04 ng

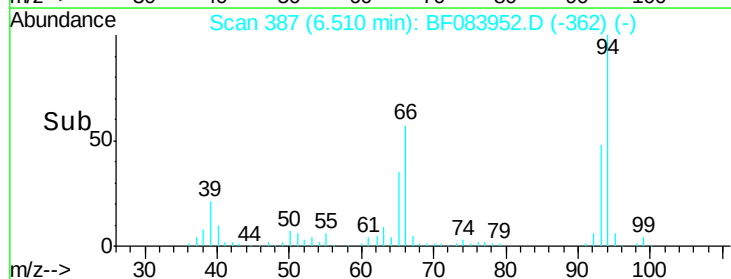
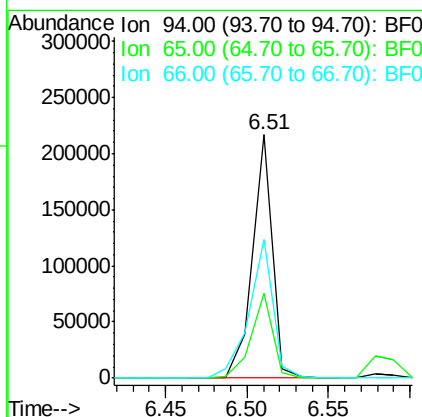
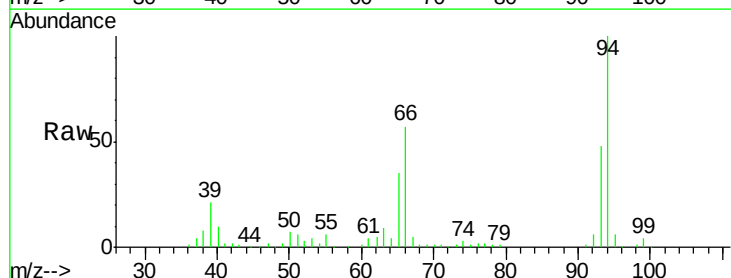
RT: 6.51 min Scan# 387

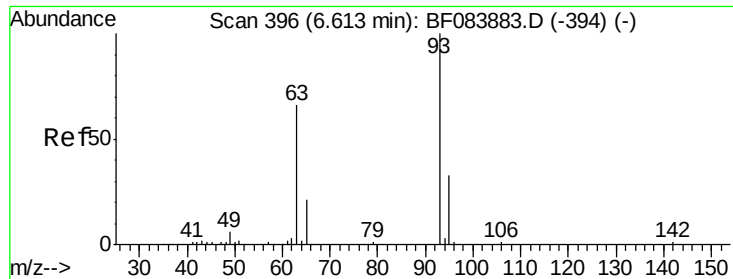
Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.0	12.9	52.9
66	57.1	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 30.55 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

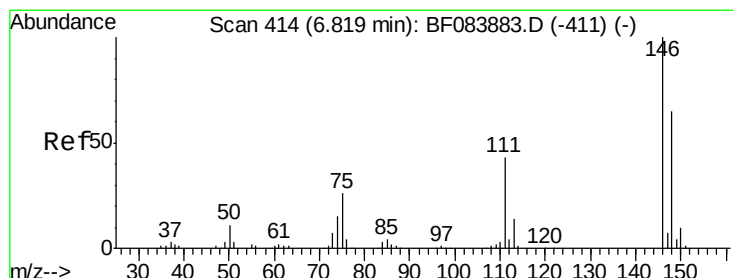
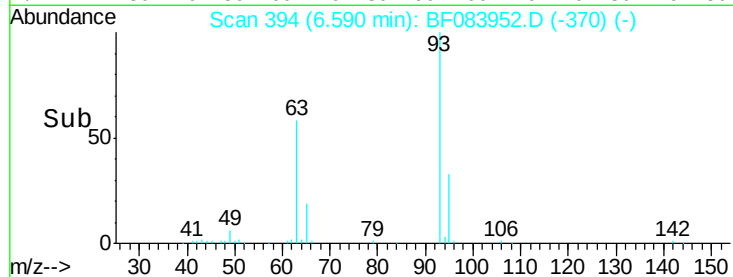
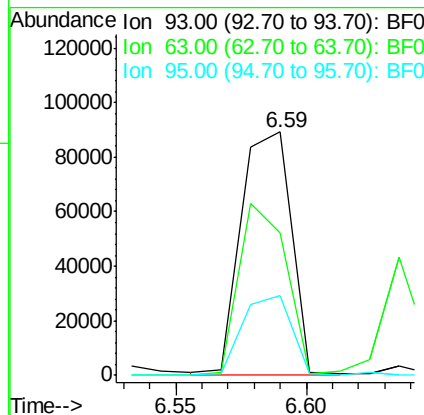
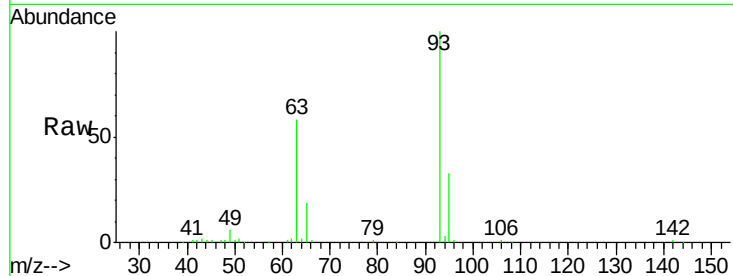
ClientSampleId :

PB87402BSD

Tot Ion:	93	Resp:	121090
Ion Ratio	Lower	Upper	
93	100		
63	58.3	45.9	85.9
95	32.7	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 30.23 ng

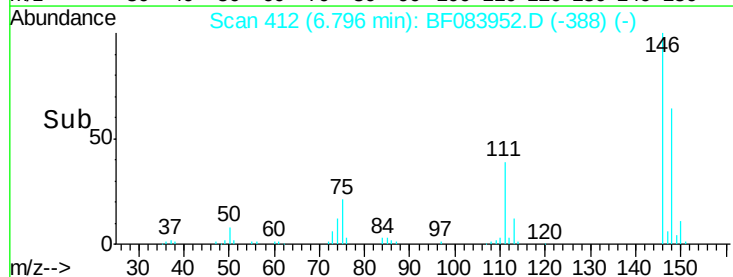
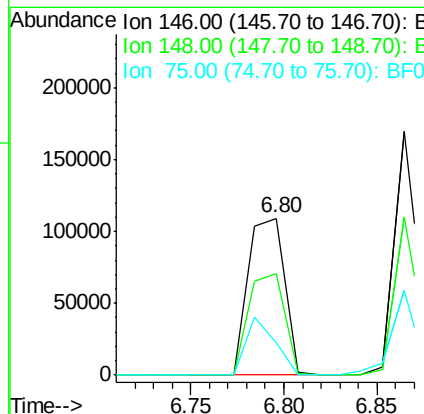
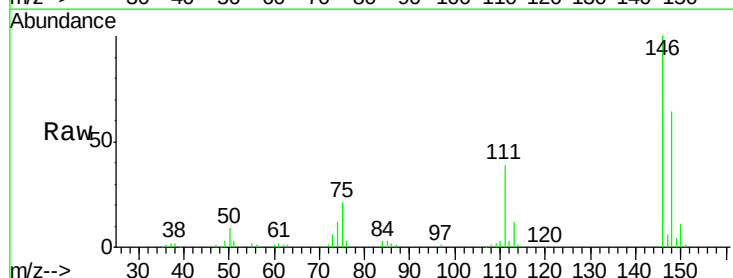
RT: 6.80 min Scan# 412

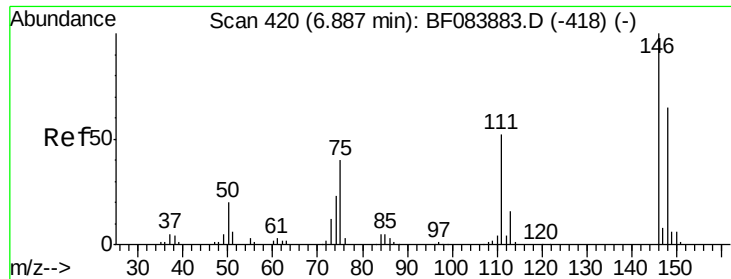
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	146	Resp:	147784
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.9	77.9
75	20.9	20.5	30.7





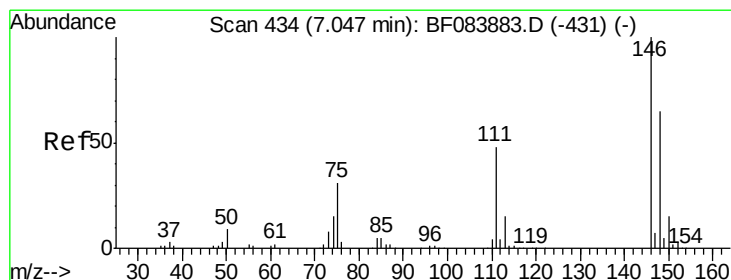
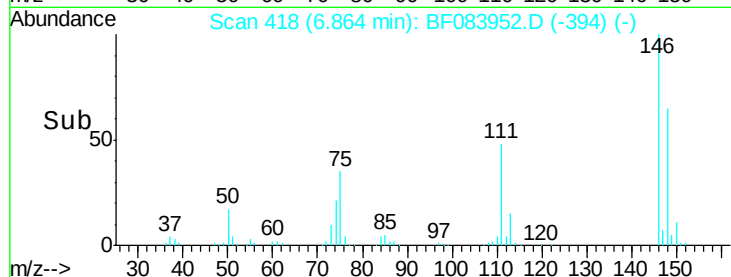
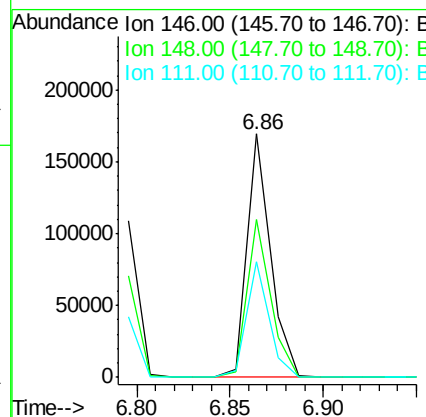
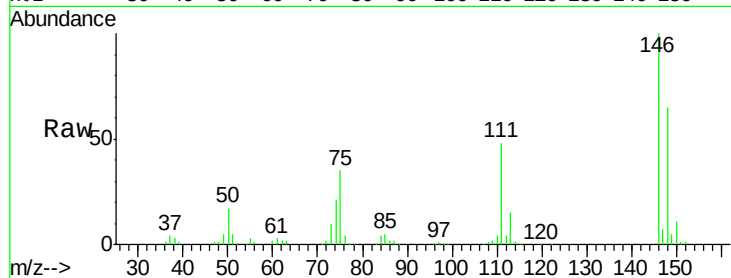
#13
 1,4-Dichlorobenzene
 Concen: 29.99 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	47.7	41.6	62.4

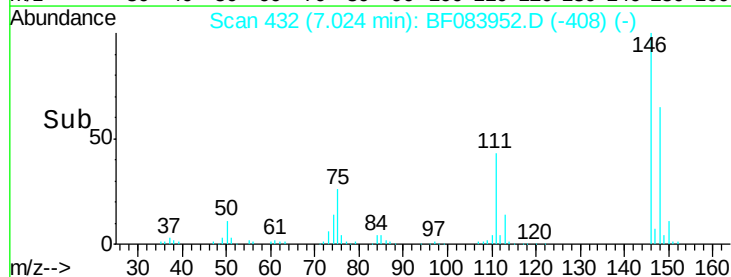
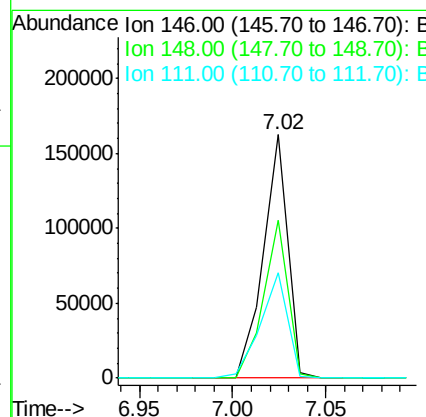
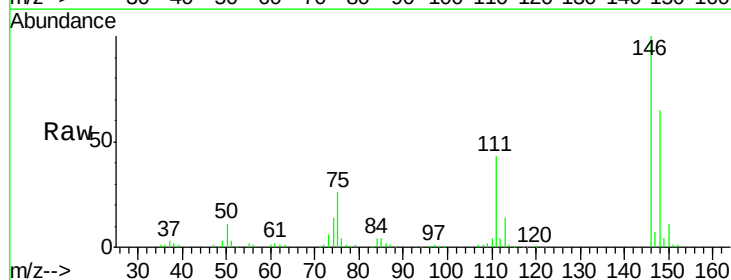
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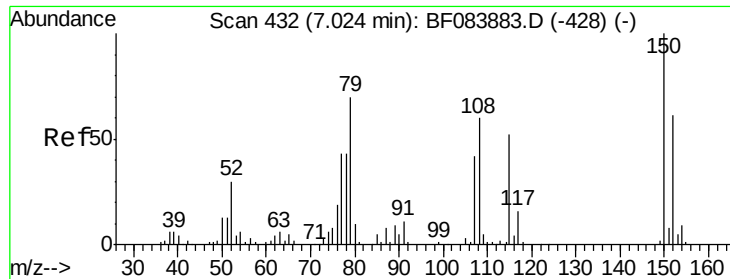
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#14
 1,2-Dichlorobenzene
 Concen: 35.73 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	43.2	38.0	57.0





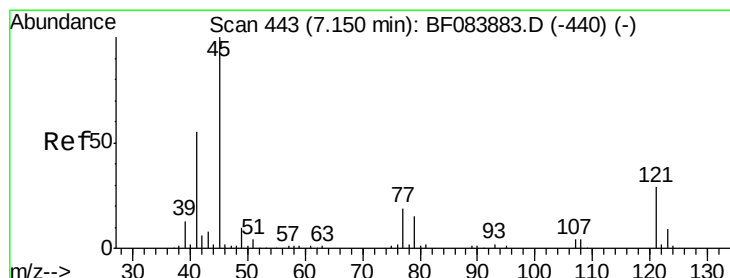
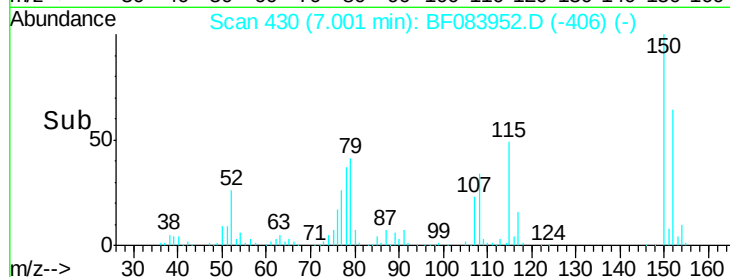
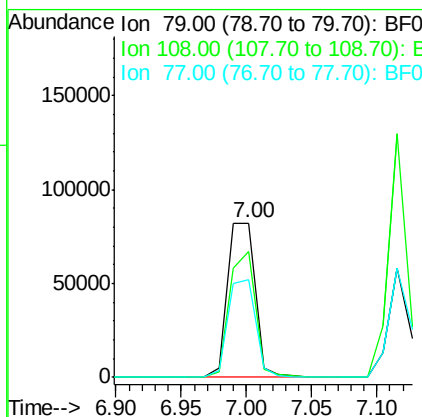
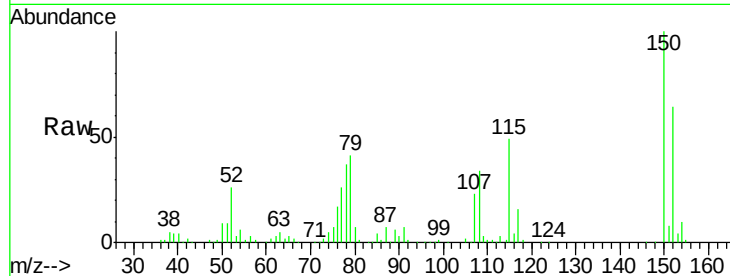
#15
Benzyl Alcohol
Concen: 34.52 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.4	69.0	103.4
77	63.7	50.0	75.0

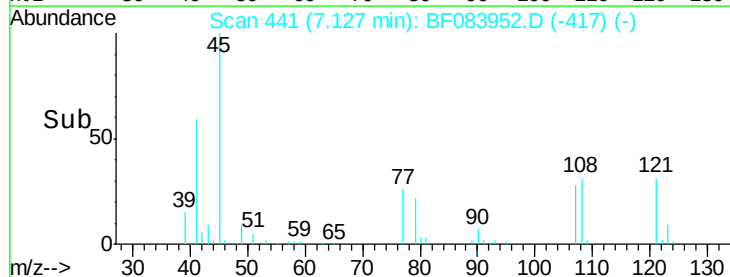
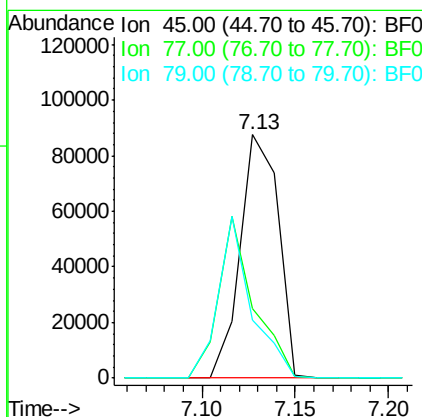
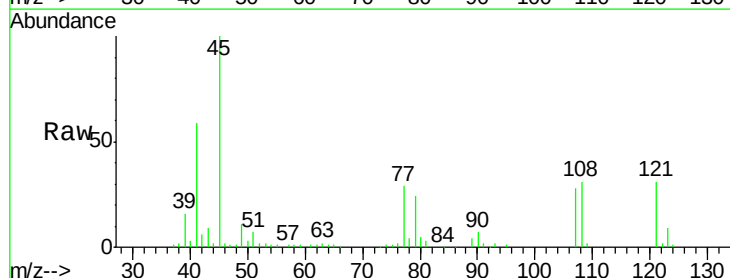
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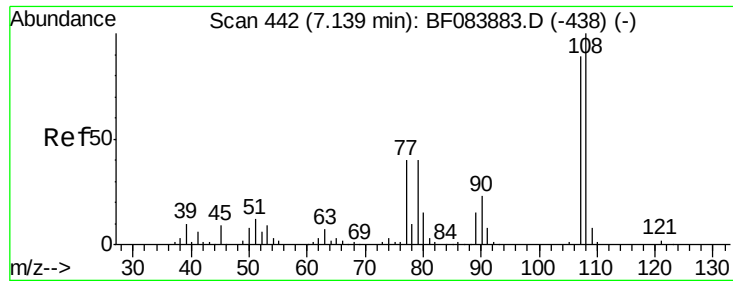
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.65 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.8	0.0	39.6
79	23.6	0.0	35.0





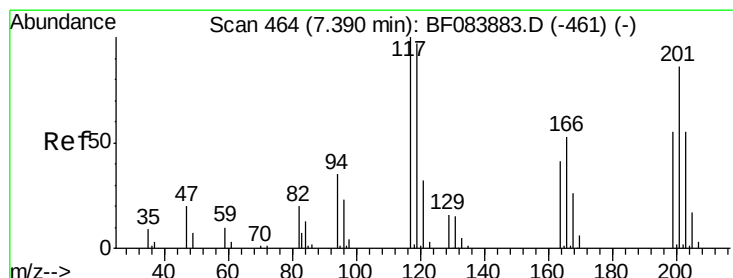
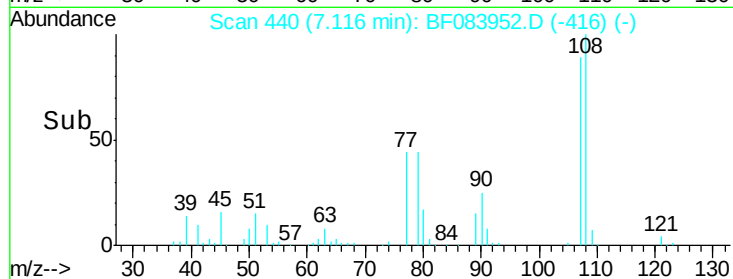
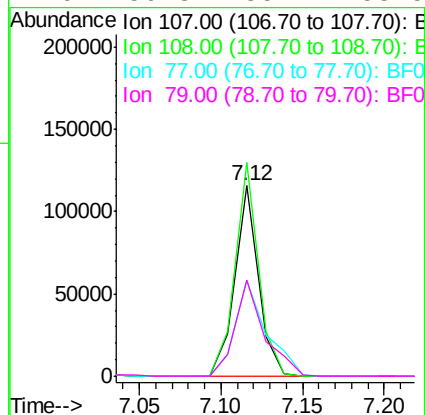
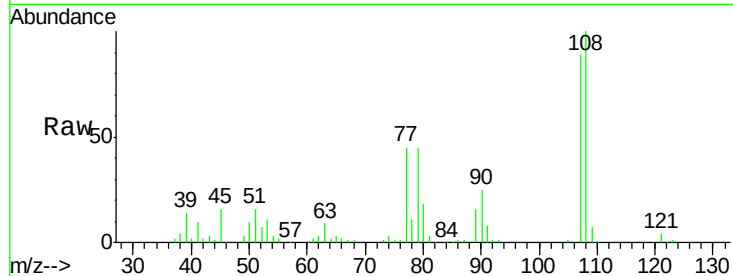
#17
2-Methylphenol
Concen: 32.10 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion:	107	Resp:	114457
Ion Ratio	Lower	Upper	
107	100		
108	112.2	89.8	134.6
77	50.4	35.7	53.5
79	50.3	35.7	53.5

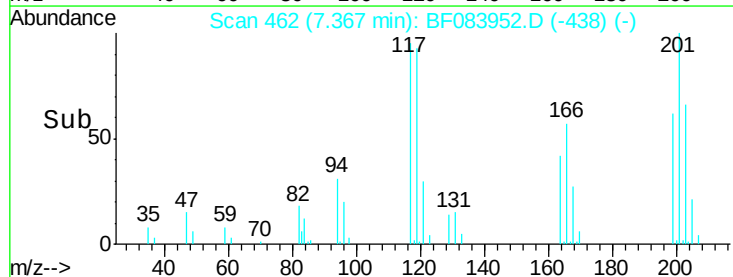
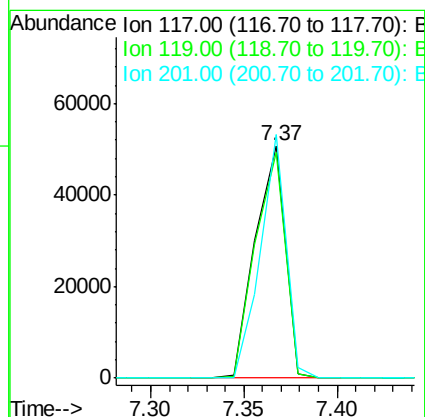
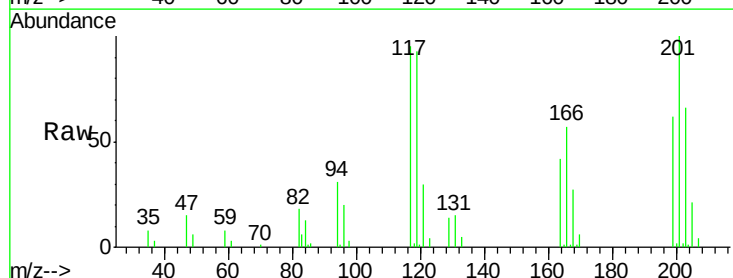
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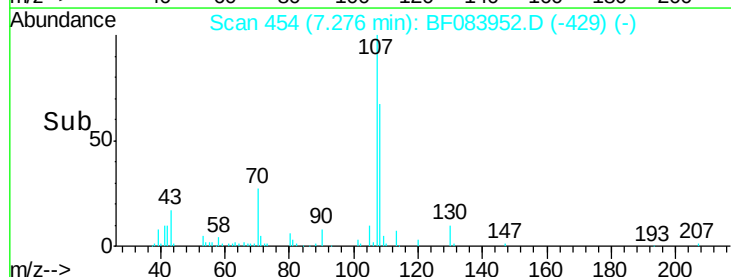
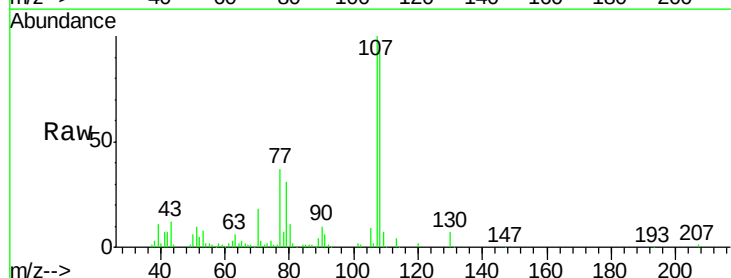
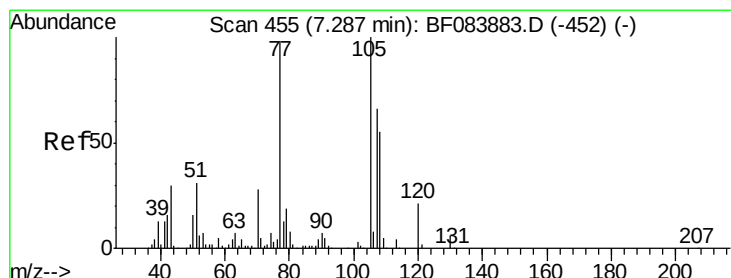
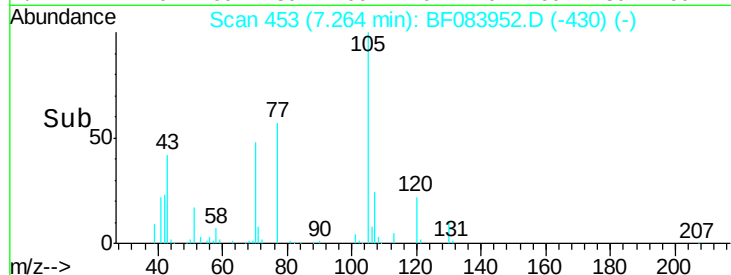
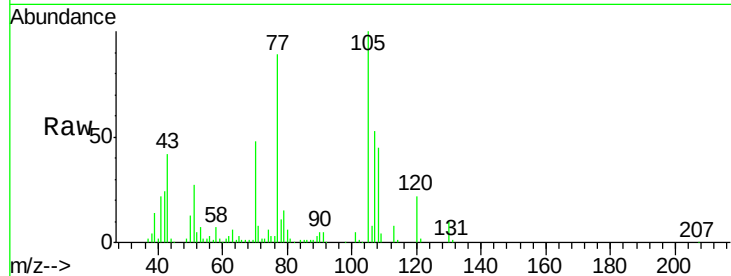
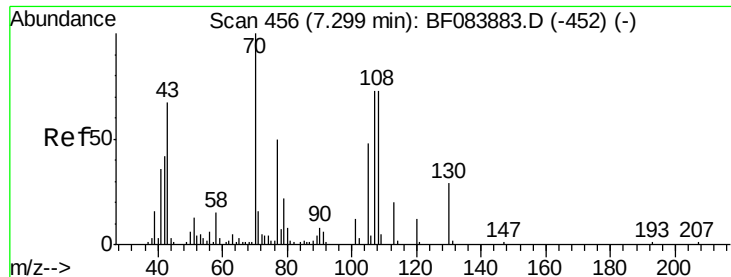
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#18
Hexachloroethane
Concen: 30.86 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:	117	Resp:	56512
Ion Ratio	Lower	Upper	
117	100		
119	97.3	77.4	116.0
201	104.9	68.6	103.0#





#19

n-Nitroso-di-n-propylamine

Concen: 32.01 ng

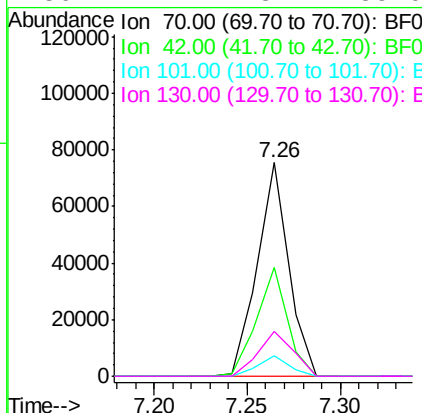
RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.8	33.3	49.9#
101	9.6	9.3	13.9
130	21.1	23.4	35.0#



Instrument :

BNA_F

ClientSampleId :

PB87402BSD

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#20

3+4-Methylphenols

Concen: 35.79 ng

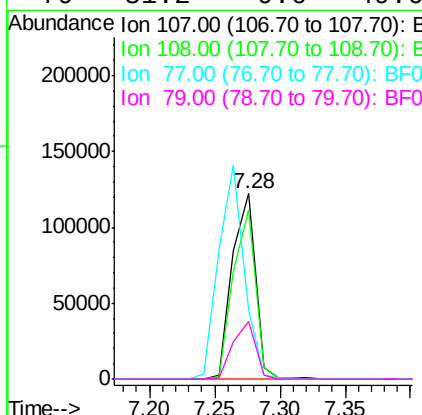
RT: 7.28 min Scan# 454

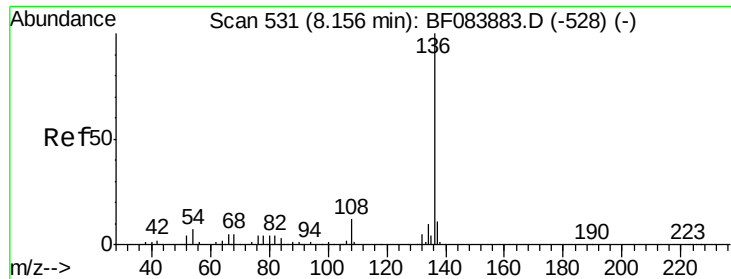
Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	64.1	104.1
77	37.2	128.9	168.9#
79	31.2	9.6	49.6





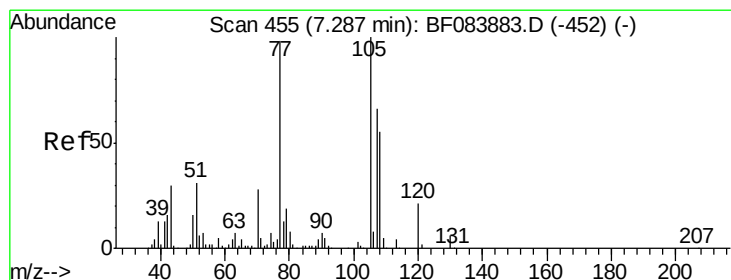
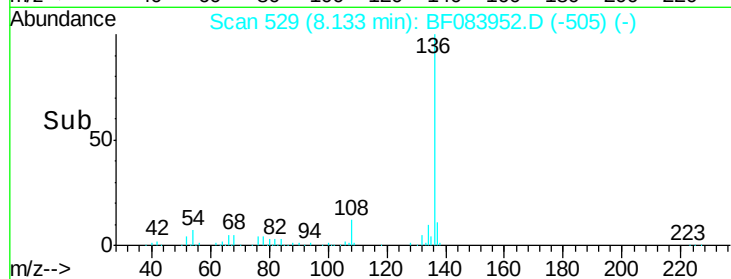
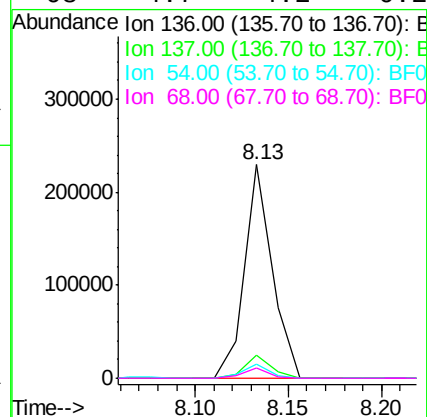
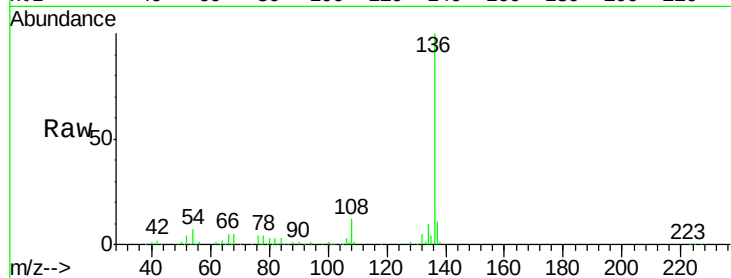
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.8	8.8
68	4.7	4.2	6.2

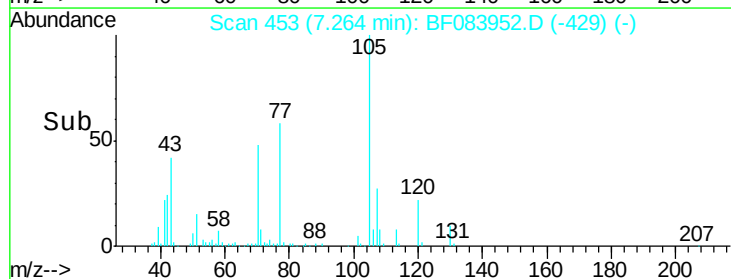
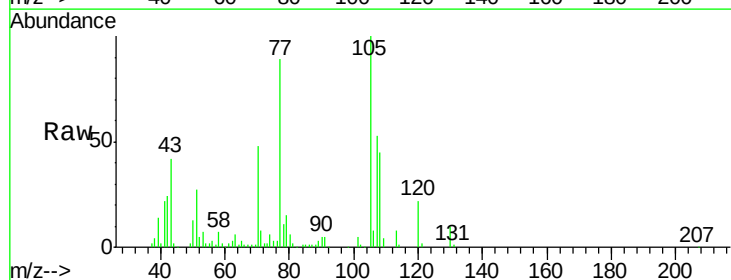
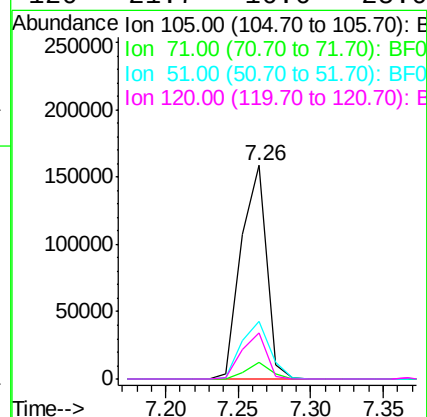
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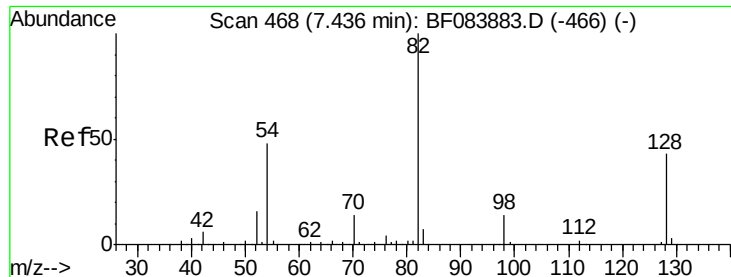
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#22
Acetophenone
Concen: 33.84 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.9	3.7	5.5#
51	26.9	25.1	37.7
120	21.7	16.6	25.0





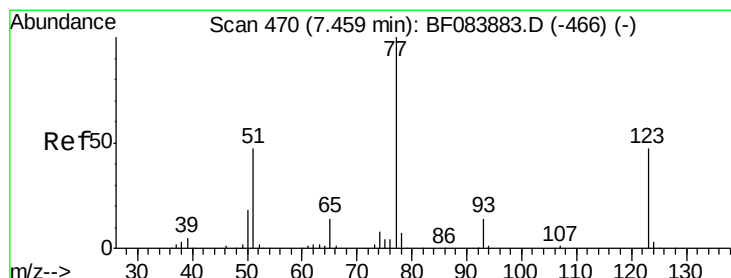
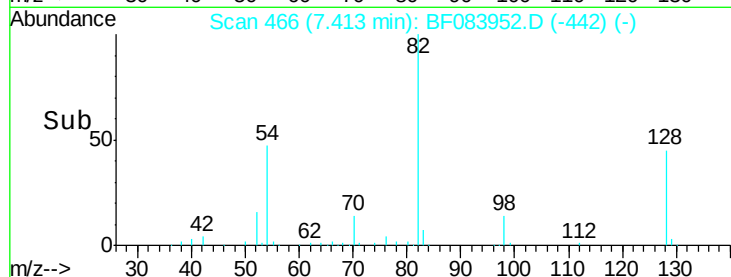
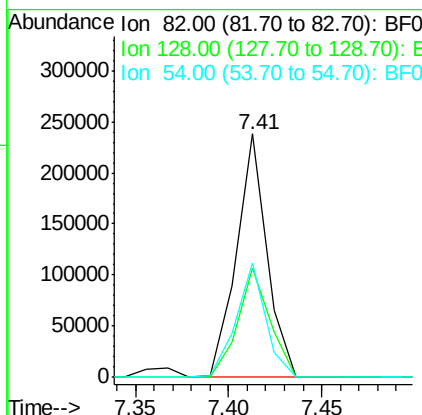
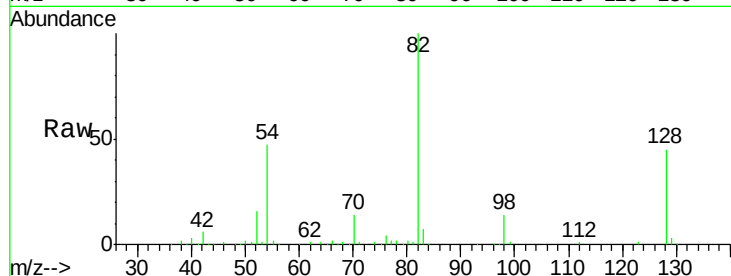
#23
 Nitrobenzene-d5
 Concen: 65.03 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	270161		
128	44.9	34.6	51.8	
54	46.7	38.4	57.6	

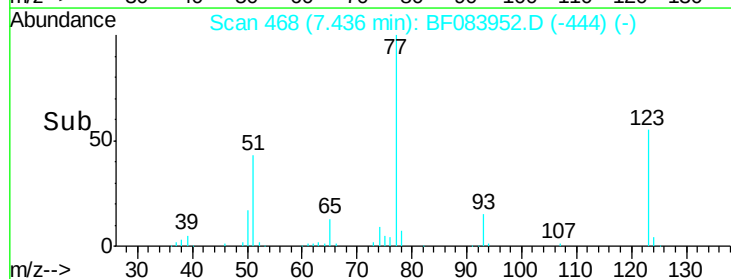
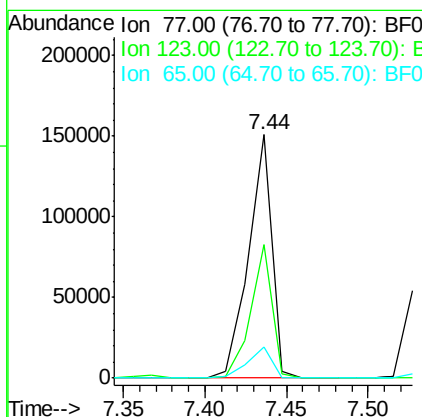
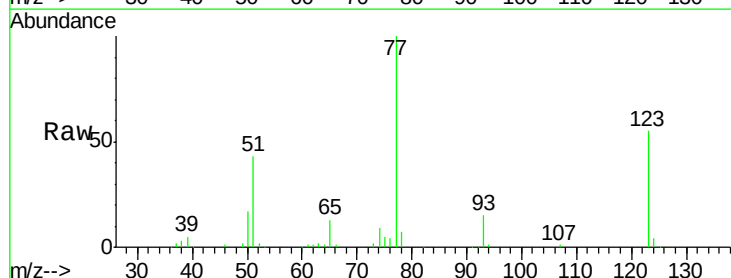
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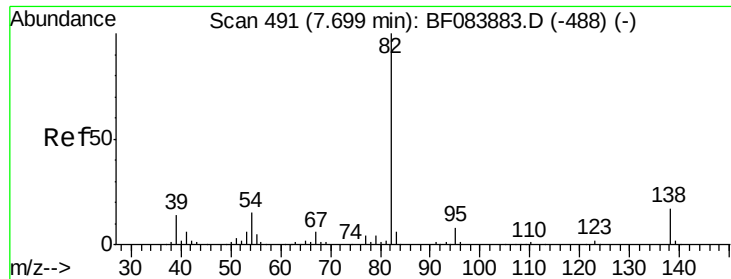
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#24
 Nitrobenzene
 Concen: 34.75 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	149279		
123	54.6	37.4	56.2	
65	13.0	10.9	16.3	





#25

Isophorone

Concen: 32.87 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

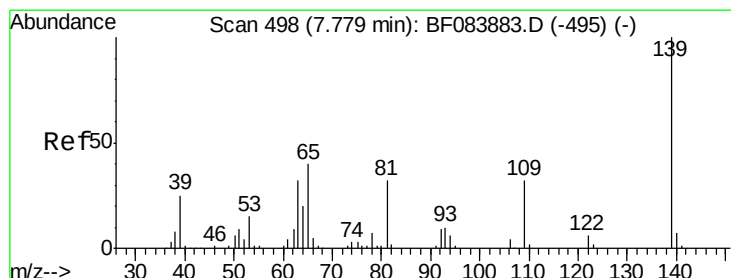
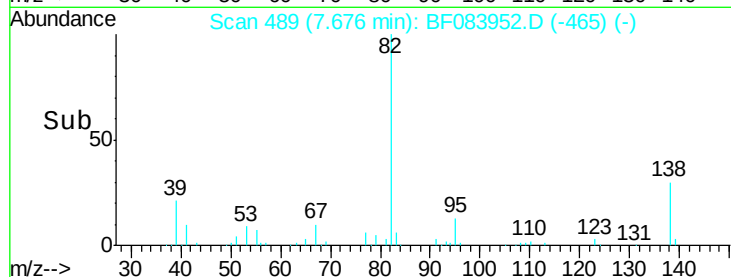
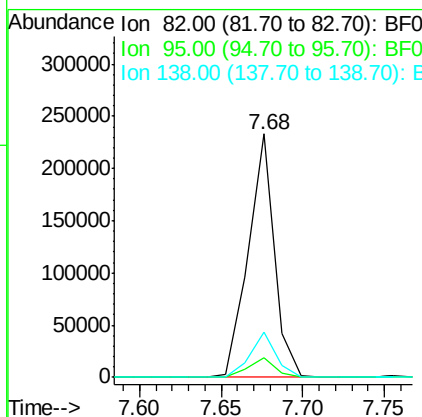
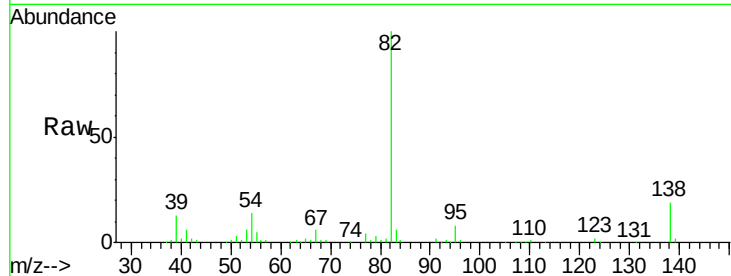
ClientSampleId :

PB87402BSD

Tot Ion:	82	Resp:	256956
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.6	10.0
138	18.6	13.6	20.4

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#26

2-Nitrophenol

Concen: 35.82 ng

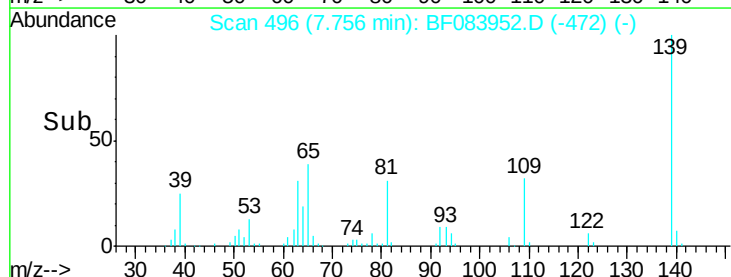
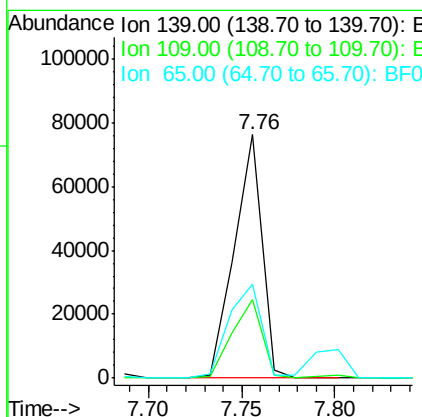
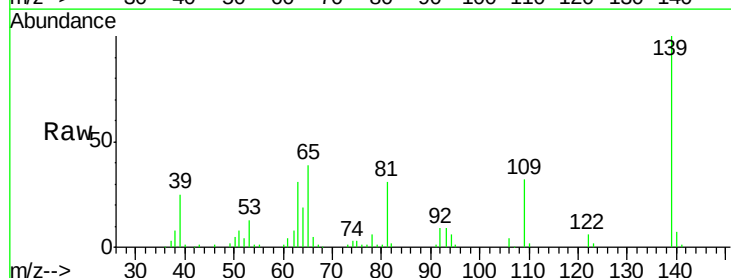
RT: 7.76 min Scan# 496

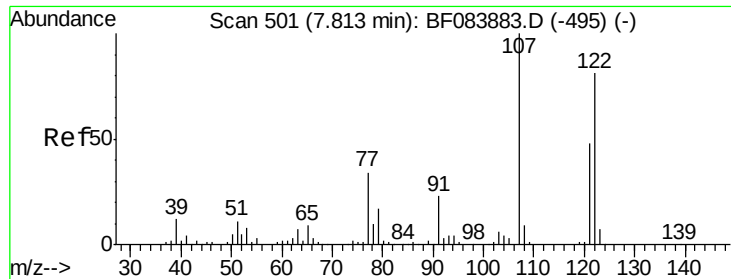
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	139	Resp:	79660
Ion Ratio	Lower	Upper	
139	100		
109	32.1	25.4	38.2
65	38.5	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 36.03 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

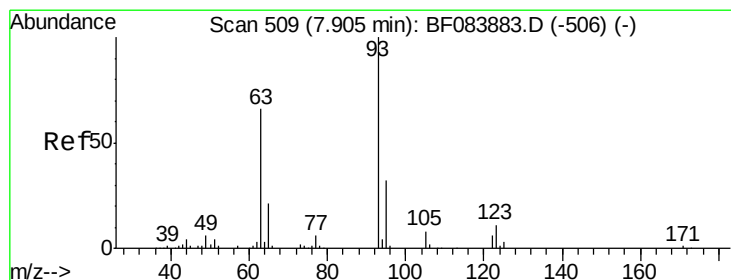
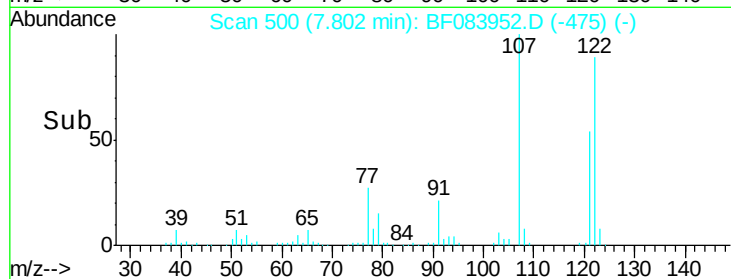
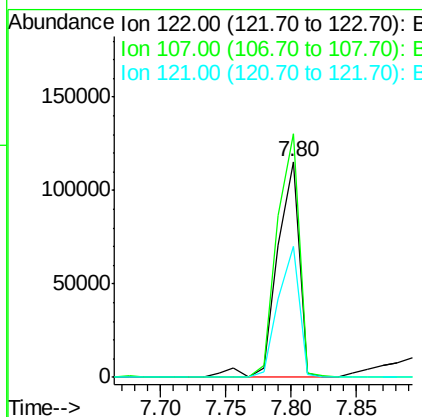
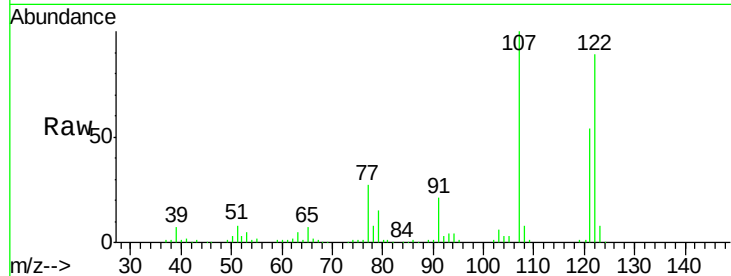
ClientSampleId :

PB87402BSD

Tot Ion:	122	Resp:	138038
Ion Ratio	Lower	Upper	
122	100		
107	112.8	99.1	148.7
121	60.6	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 32.35 ng

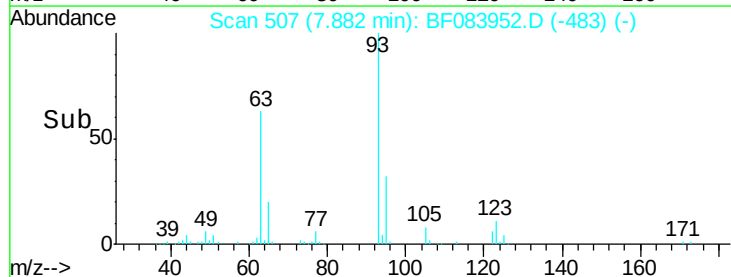
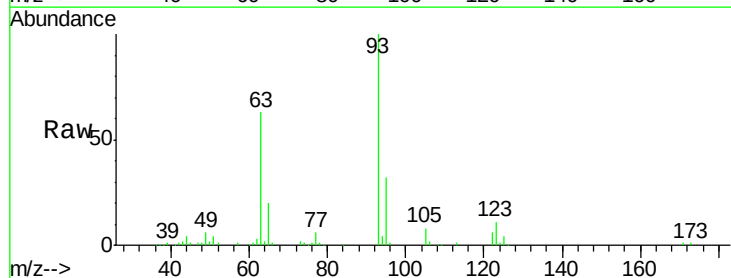
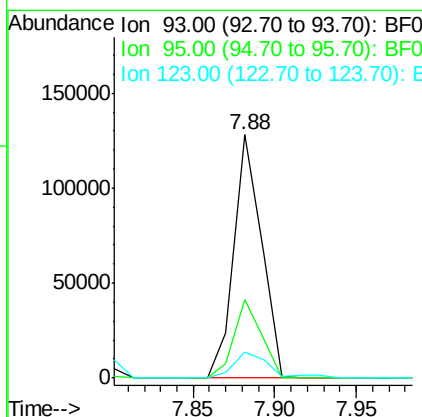
RT: 7.88 min Scan# 507

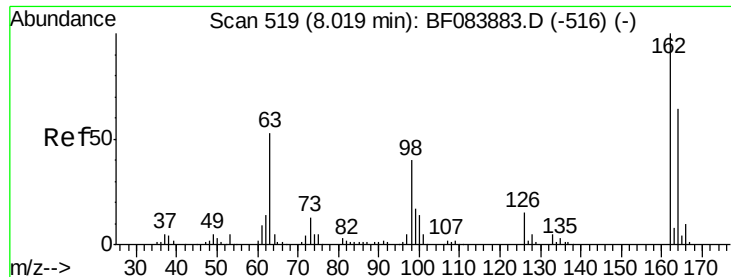
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	93	Resp:	149567
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.6
123	10.8	8.6	12.8





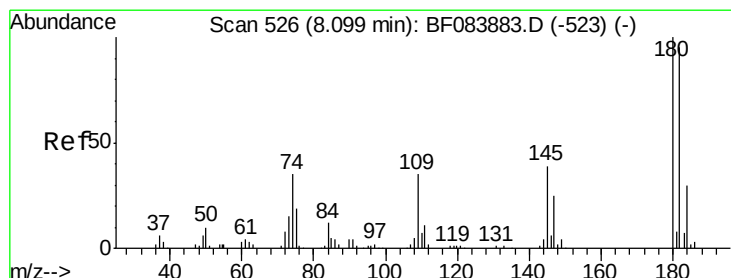
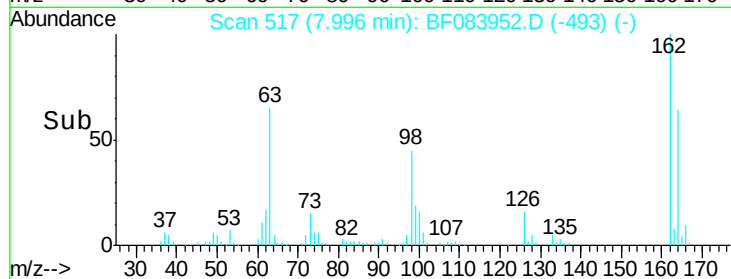
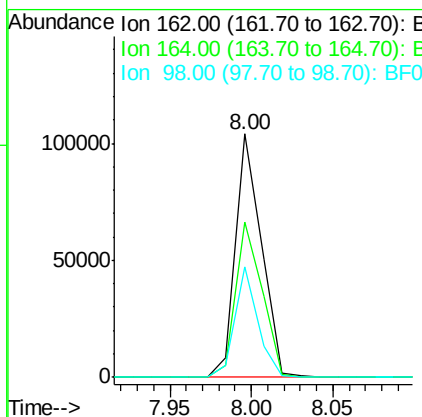
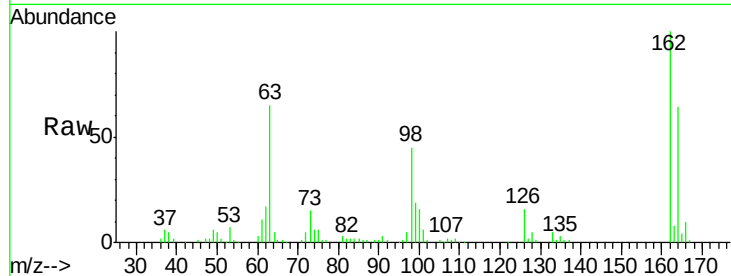
#29
 2,4-Dichlorophenol
 Concen: 32.58 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	44.1	84.1
98	45.4	20.2	60.2

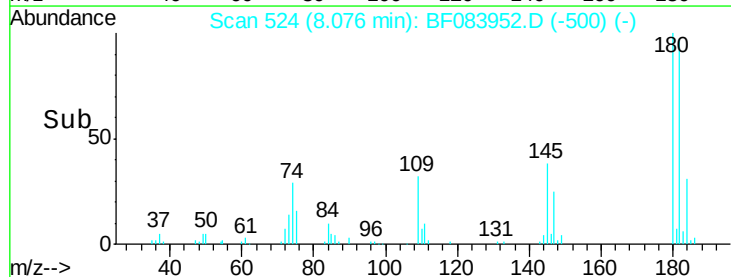
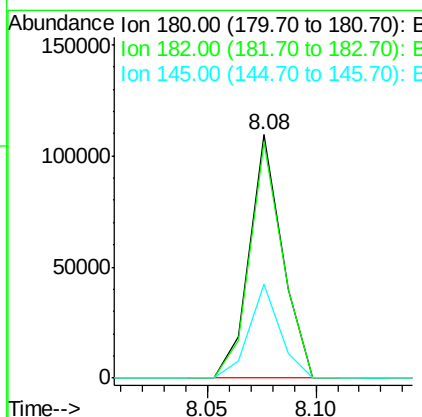
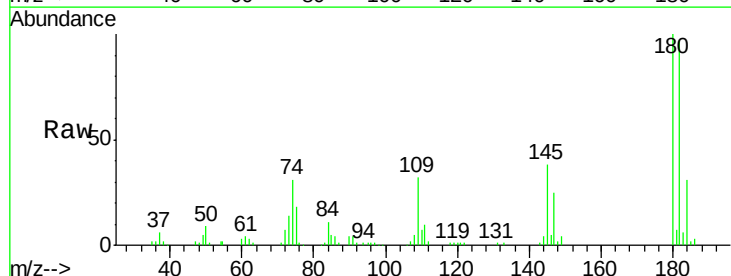
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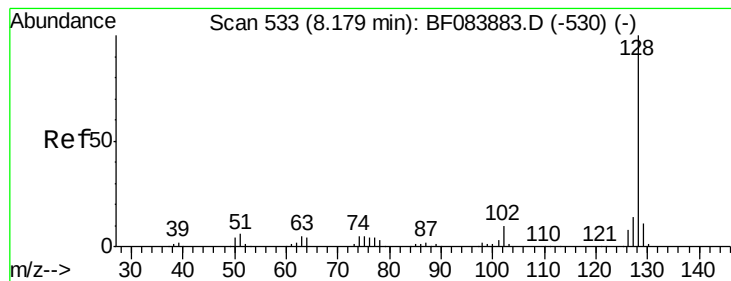
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.83 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.8	76.4	114.6
145	38.4	31.6	47.4





#31

Naphthalene

Concen: 33.82 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

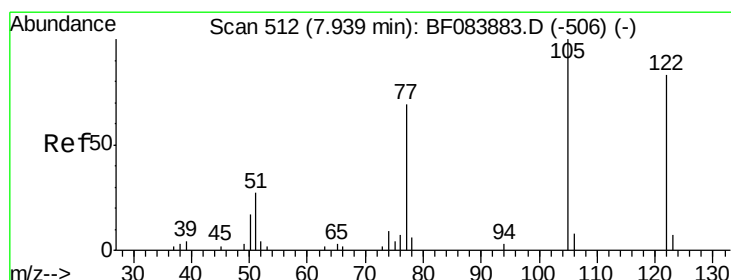
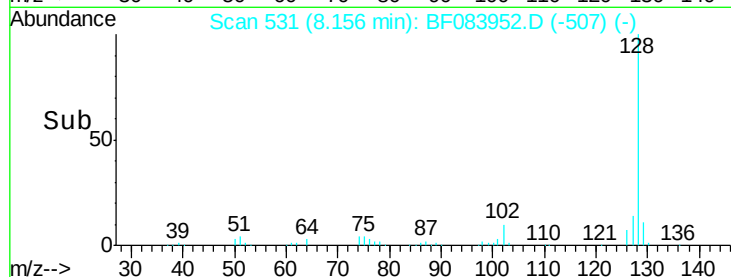
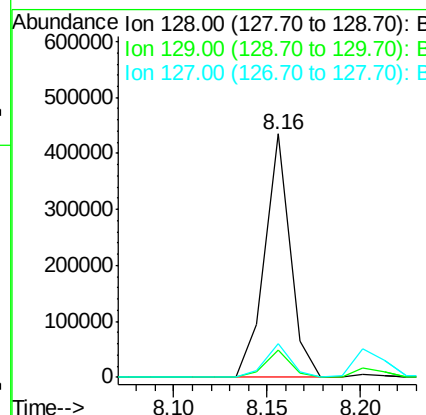
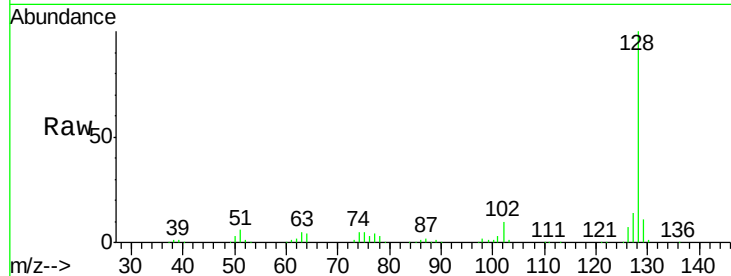
ClientSampleId :

PB87402BSD

Tot Ion:	128	Resp:	410544
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	13.8	11.1	16.7

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#32

Benzoic acid

Concen: 45.29 ng

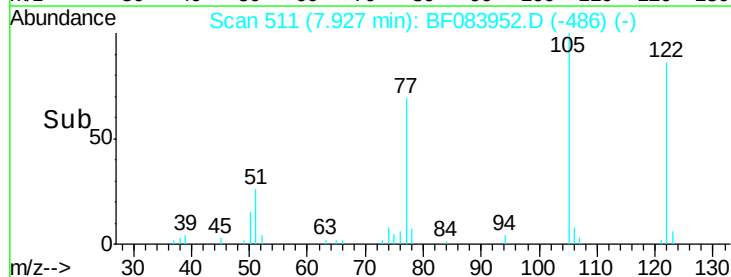
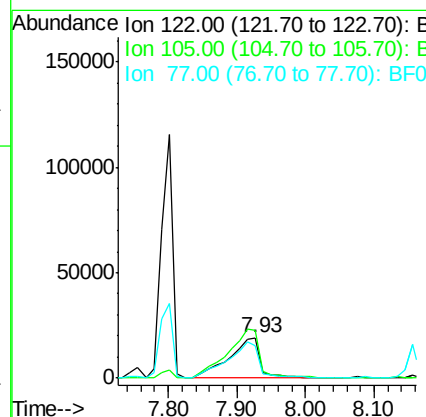
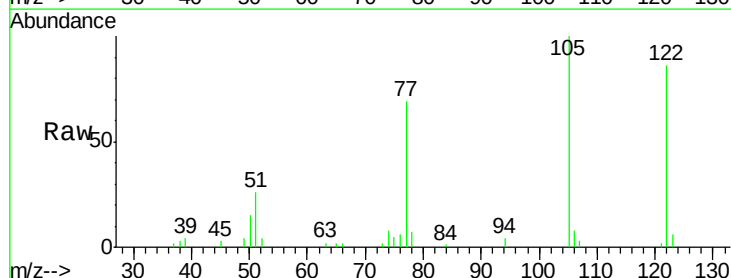
RT: 7.93 min Scan# 511

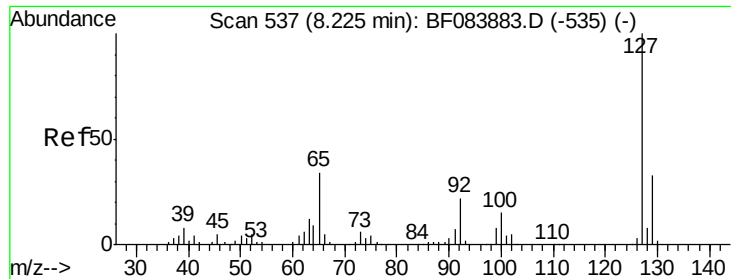
Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	122	Resp:	62561
Ion Ratio	Lower	Upper	
122	100		
105	116.5	100.3	140.3
77	80.0	63.5	103.5





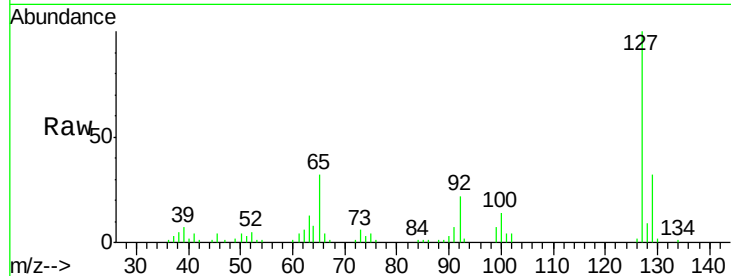
#33
4-Chloroaniline
Concen: 11.84 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

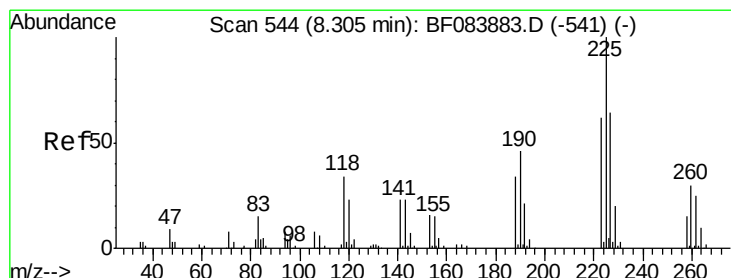
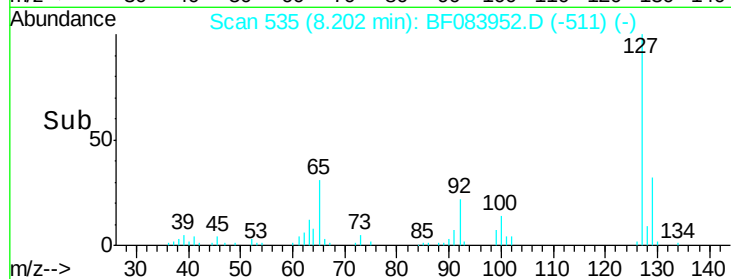
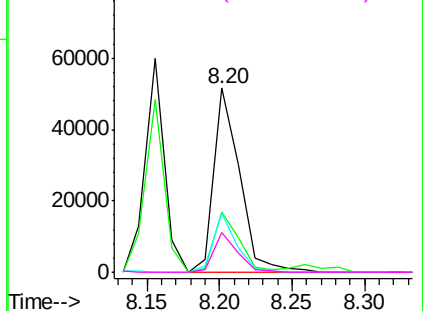
Tot Ion:	127	Resp:	63731
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.5	39.7
65	31.8	27.2	40.8
92	21.8	17.7	26.5

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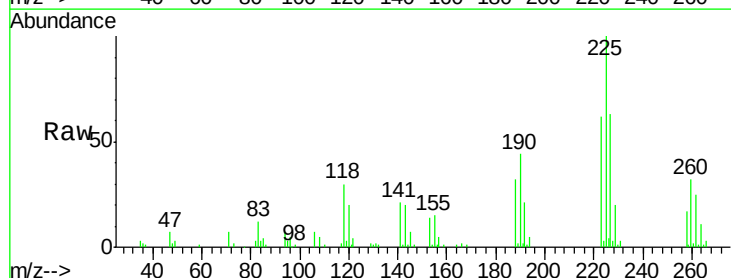


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

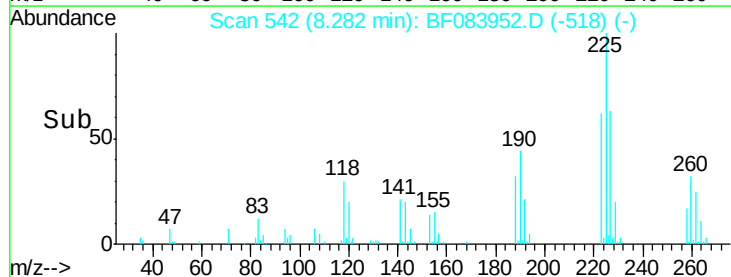
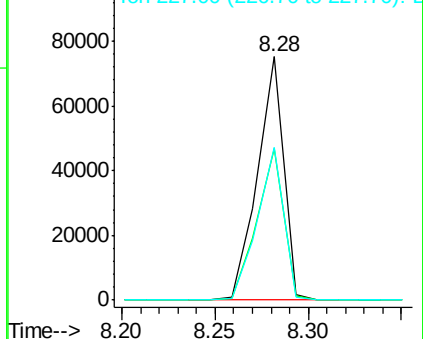


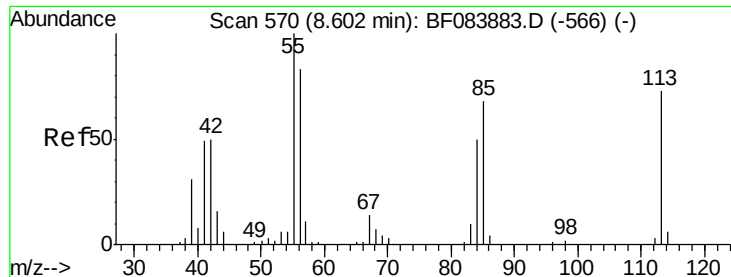
#34
Hexachlorobutadiene
Concen: 31.27 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion:	225	Resp:	72879
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.4	74.0
227	62.8	50.8	76.2



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





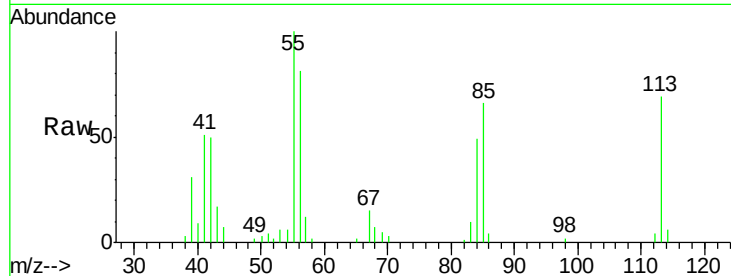
#35
 Caprolactam
 Concen: 33.17 ng/ml
 RT: 8.57 min Scan# 567
 Delta R.T. -0.03 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.4	116.9	156.9
56	117.5	93.8	133.8

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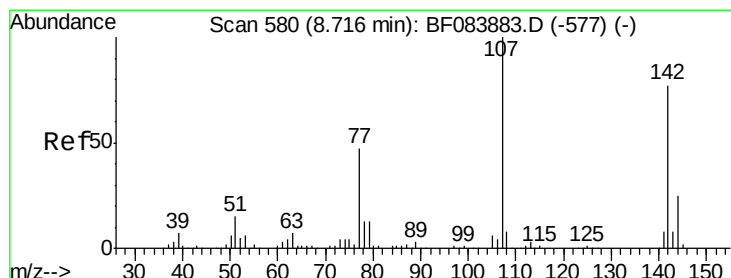
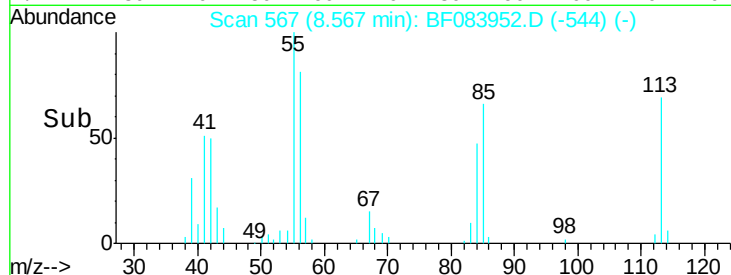
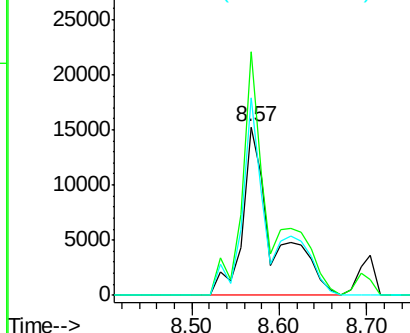


Abundance

Ion 113.00 (112.70 to 113.70): E

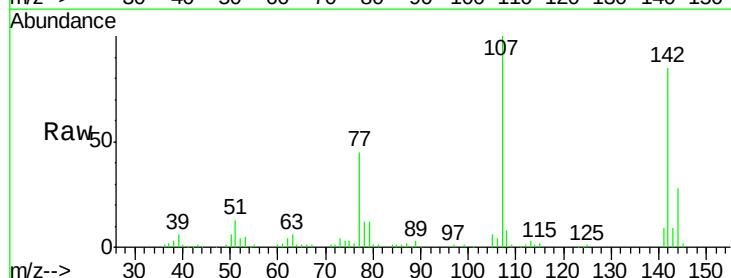
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 36.01 ng/ml
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	19.7	29.5
142	85.5	61.8	92.6

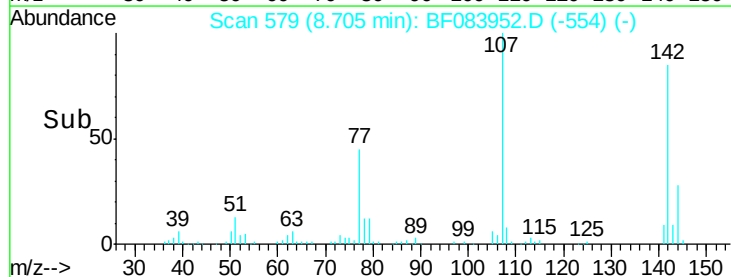
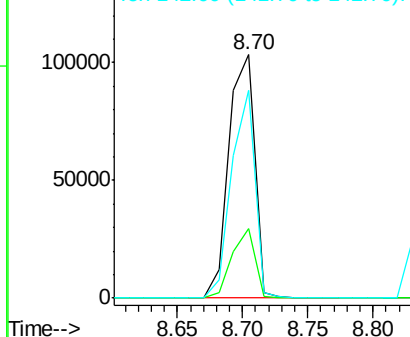


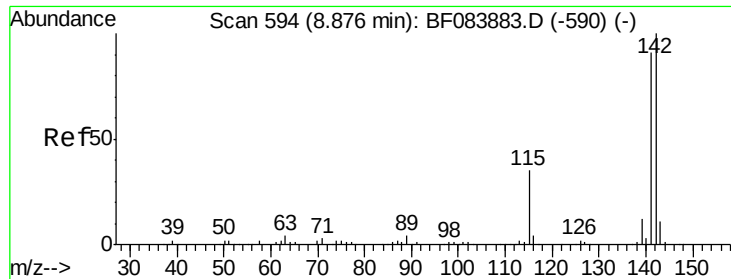
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





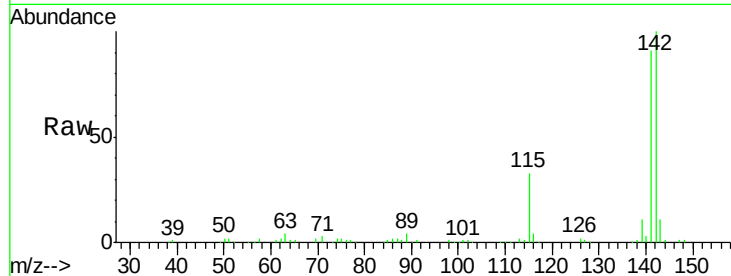
#37
2-Methylnaphthalene
Concen: 35.42 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	291928		
141	91.2	72.4	108.6	
115	33.3	27.9	41.9	

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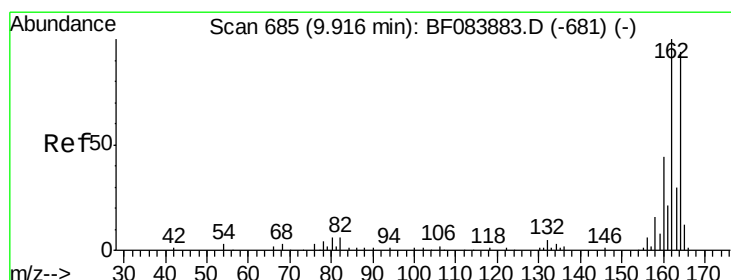
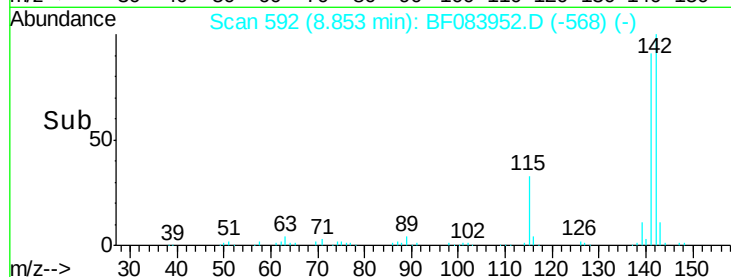
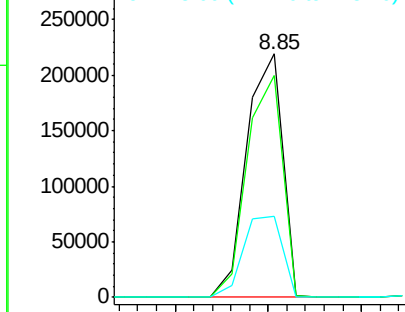


Abundance

Ion 142.00 (141.70 to 142.70): E

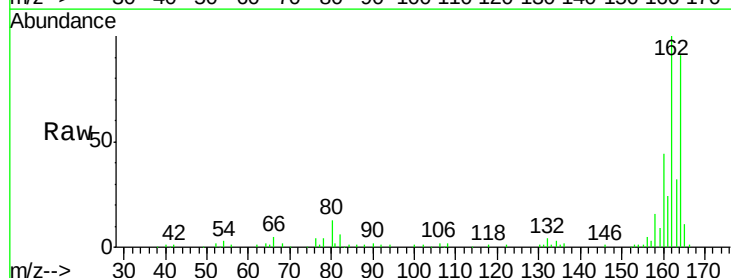
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	123444		
162	109.9	85.1	127.7	
160	48.1	37.5	56.3	

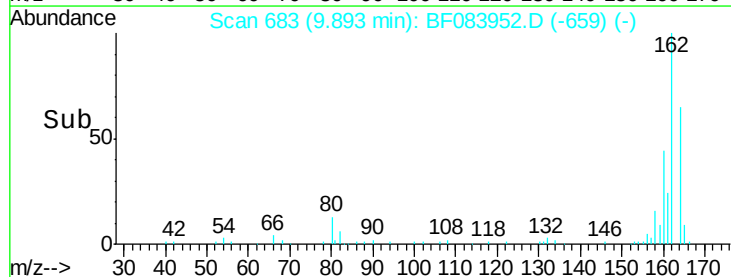
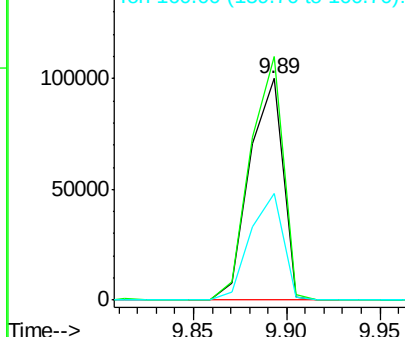


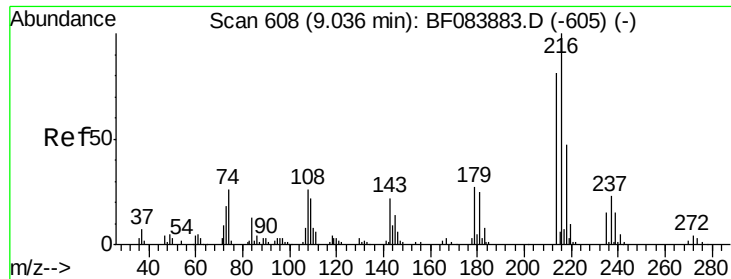
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





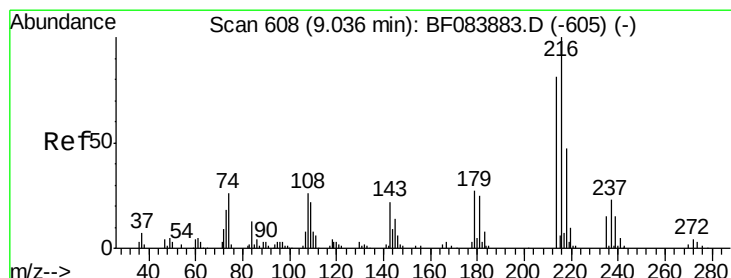
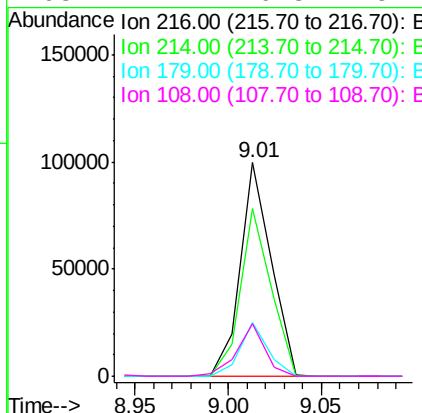
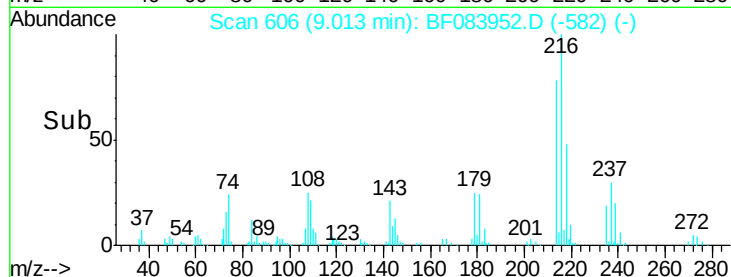
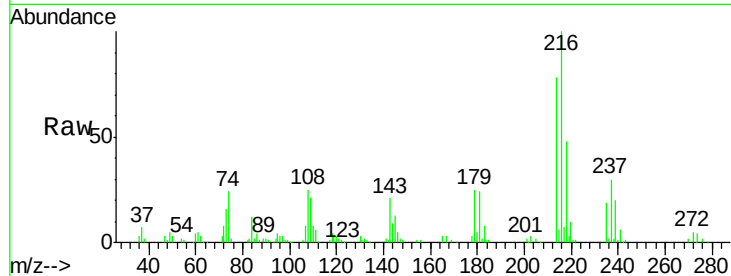
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.42 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

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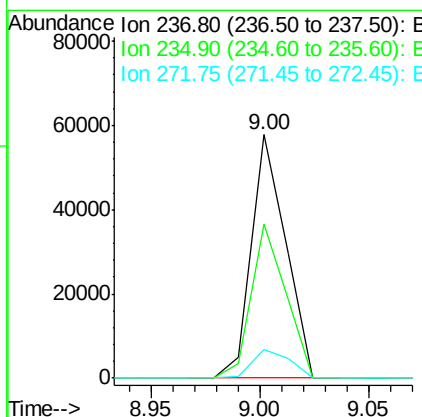
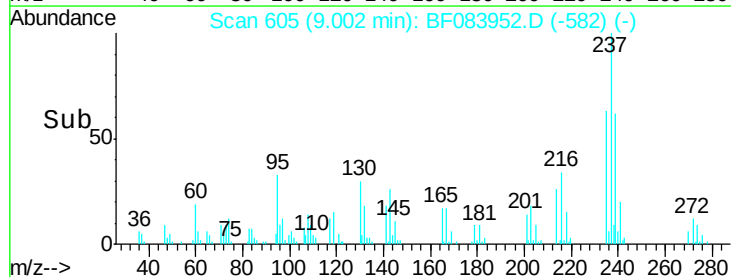
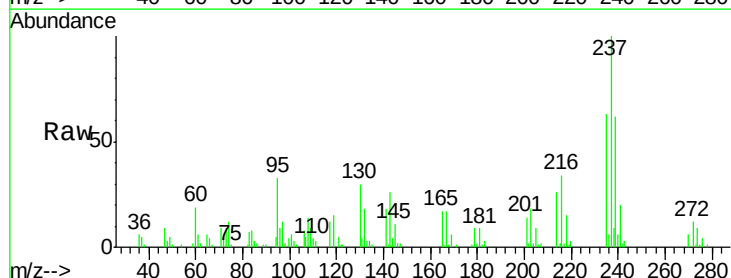
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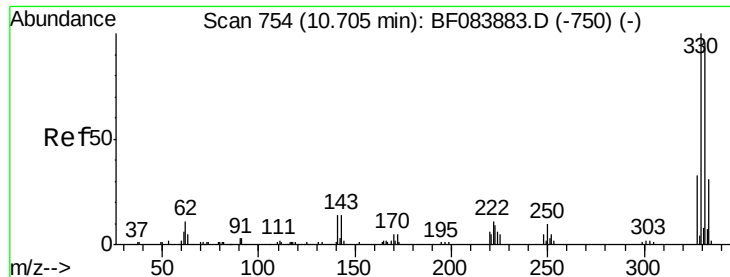
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.0		64.2	96.2	
179	23.0		18.7	28.1	
108	22.7		16.8	25.2	



#40
 Hexachlorocyclopentadiene
 Concen: 56.02 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.0		43.1	83.1	
272	11.6		0.0	35.1	





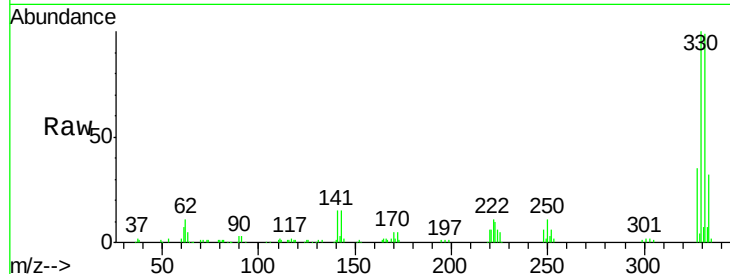
#41
 2,4,6-Tribromophenol
 Concen: 70.60 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

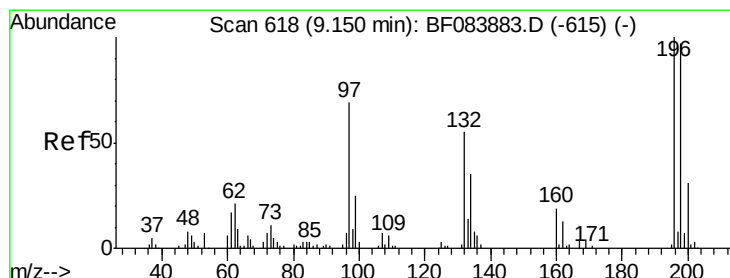
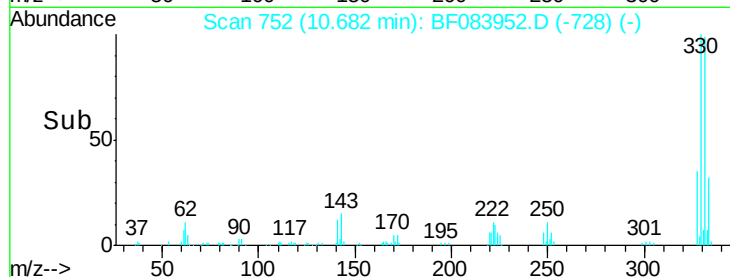
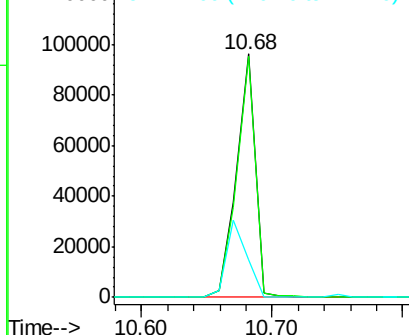
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	34.4	27.8	41.6

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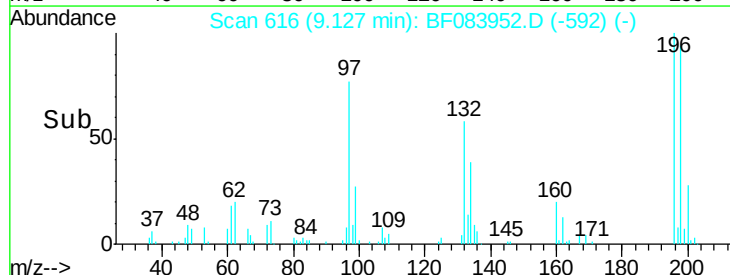
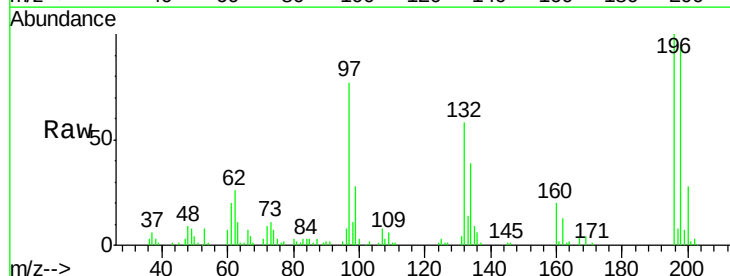
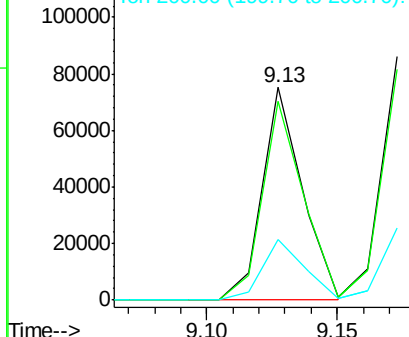
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

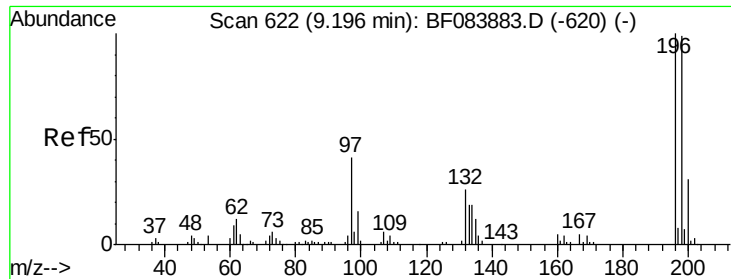


#42
 2,4,6-Trichlorophenol
 Concen: 30.92 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.7	116.5
200	28.5	24.6	37.0

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





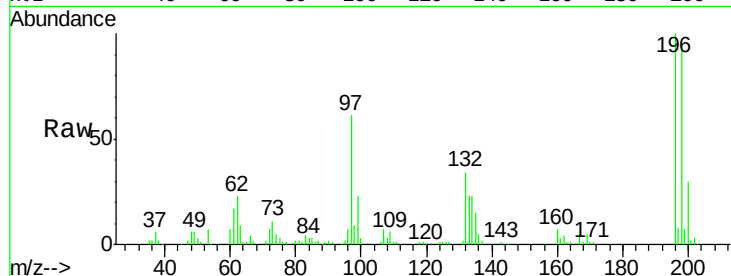
#43
 2,4,5-Trichlorophenol
 Concen: 33.63 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

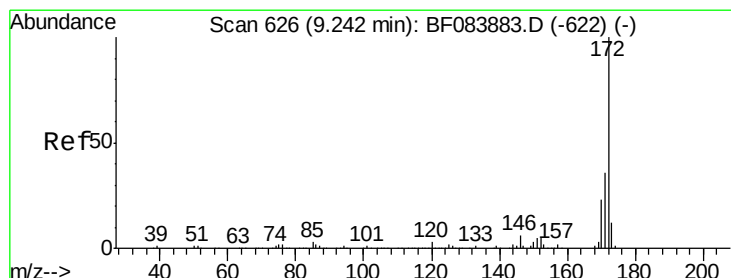
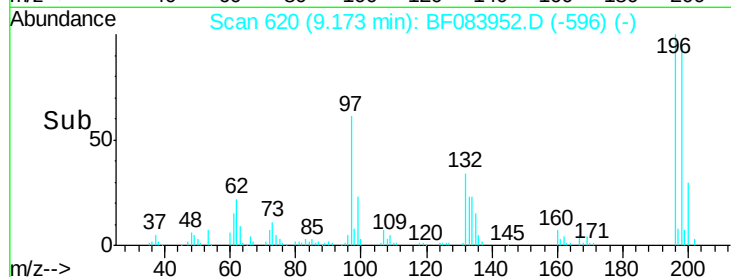
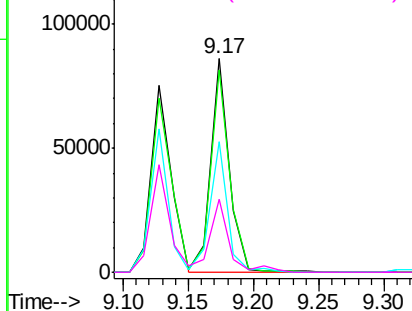
Tot Ion	Ratio	Resp	Lower	Upper
196	100	85521		
198	94.6	79.0	118.6	
97	61.4	33.0	49.6	#
132	34.3	21.1	31.7	#

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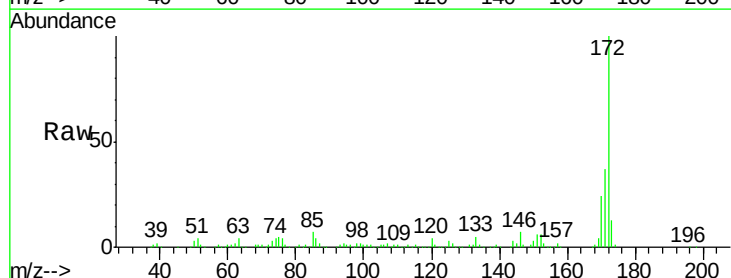


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

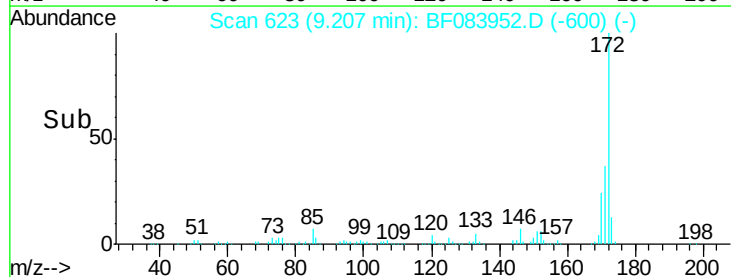
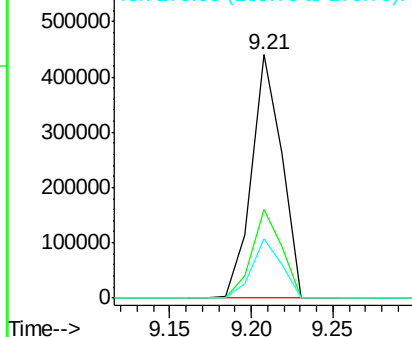


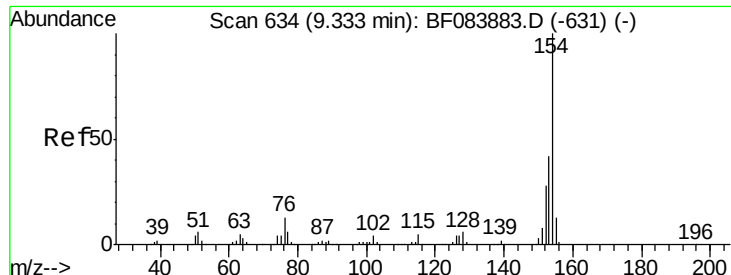
#44
 2-Fluorobiphenyl
 Concen: 61.33 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	563520		
171	36.6	28.9	43.3	
170	24.1	18.6	27.8	



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





#45

1,1'-Biphenyl

Concen: 33.04 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

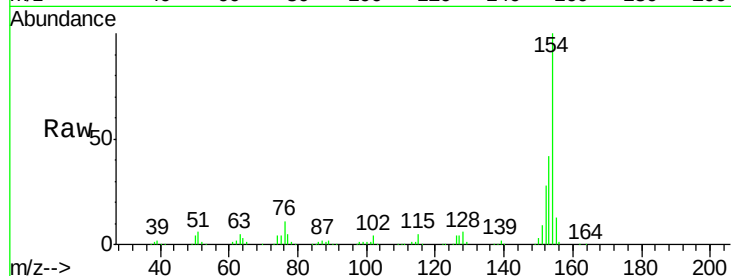
ClientSampleId :

PB87402BSD

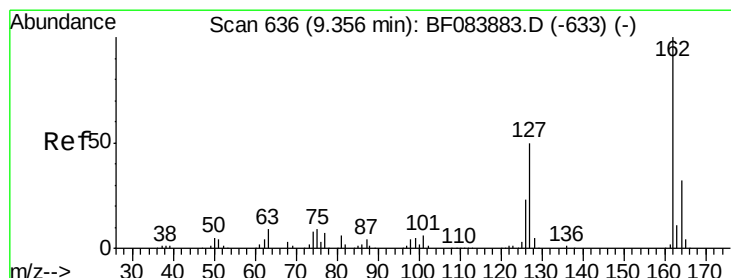
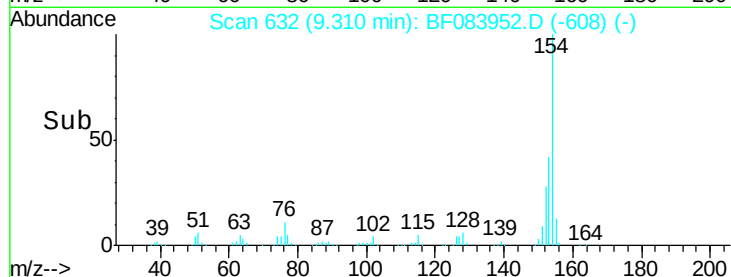
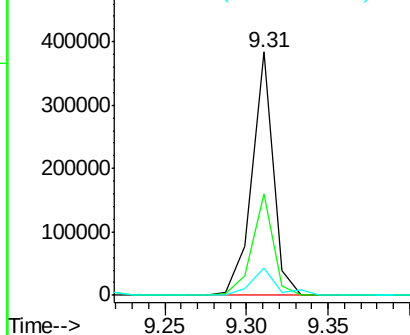
Tot Ion:	154	Resp:	346859
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.6	61.6
76	11.5	0.0	32.7

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



#46

2-Chloronaphthalene

Concen: 30.58 ng

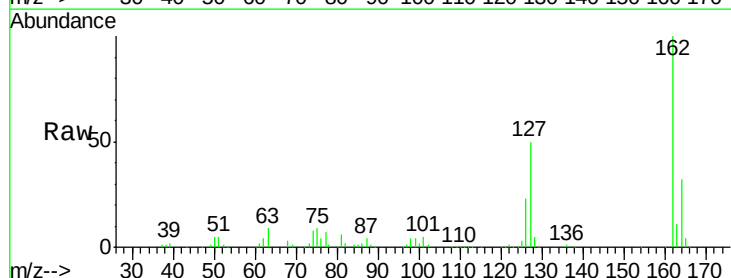
RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

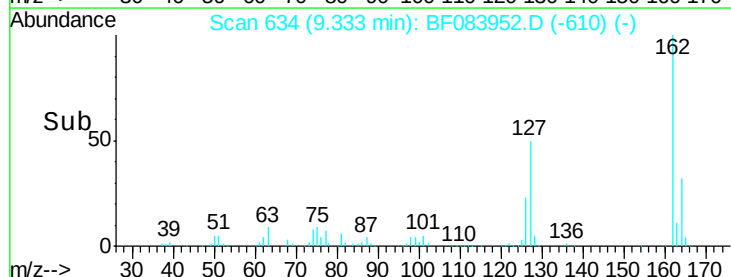
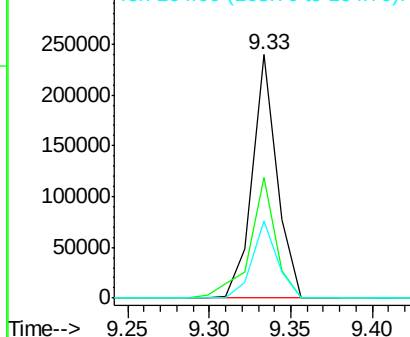
Lab File: BF083952.D

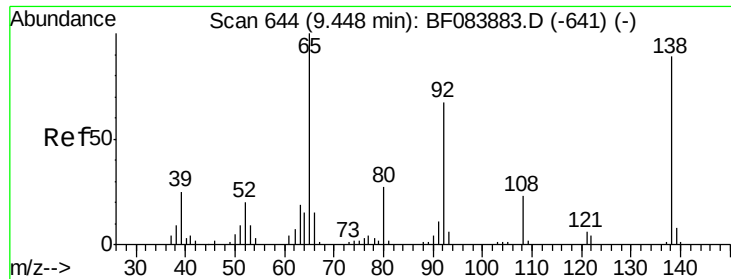
Acq: 19 Dec 2015 14:12

Tgt Ion:	162	Resp:	252634
Ion Ratio	Lower	Upper	
162	100		
127	49.5	40.2	60.4
164	31.7	25.7	38.5



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





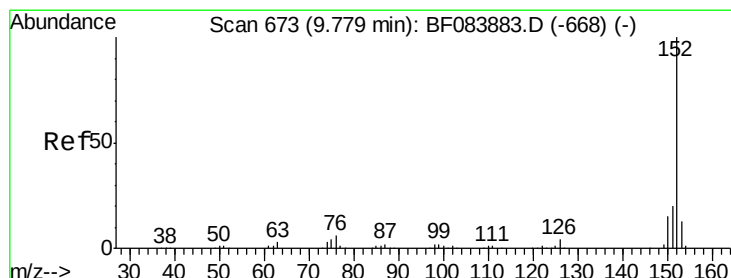
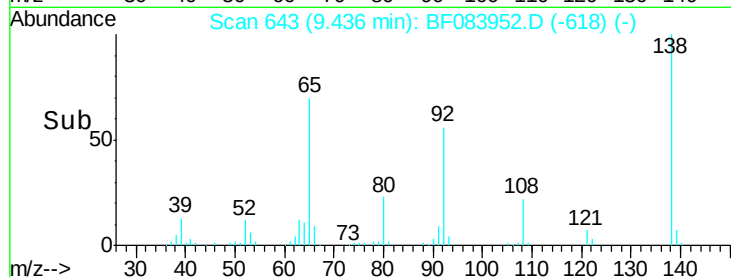
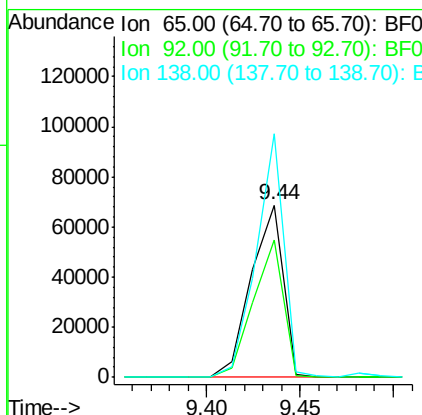
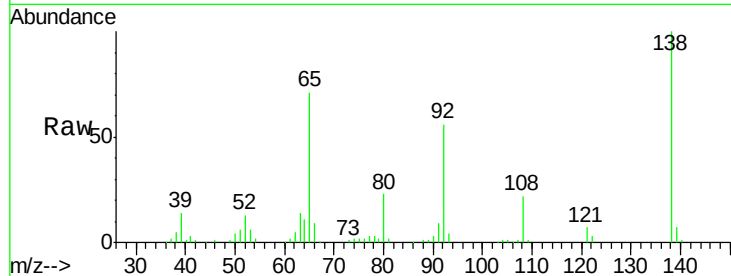
#47
 2-Nitroaniline
 Concen: 33.43 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.8	53.4	80.2
138	141.3	71.1	106.7

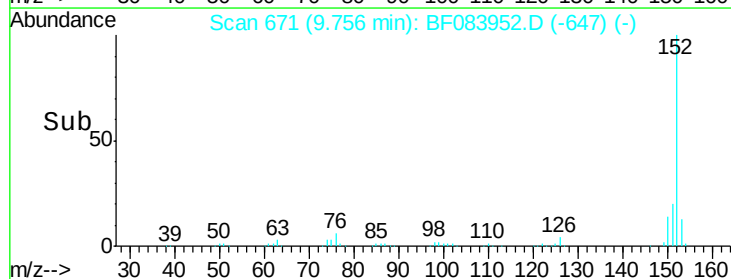
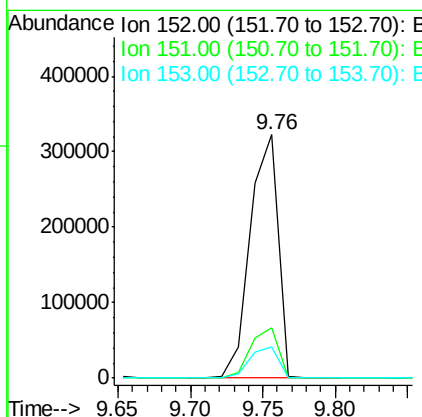
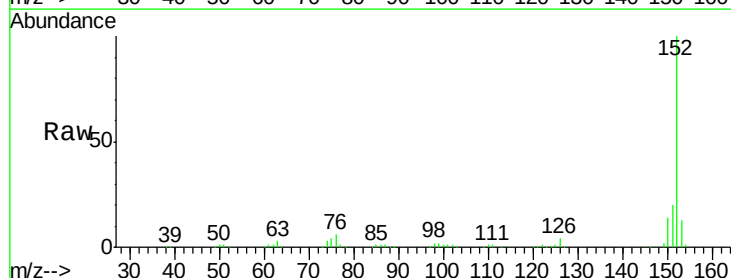
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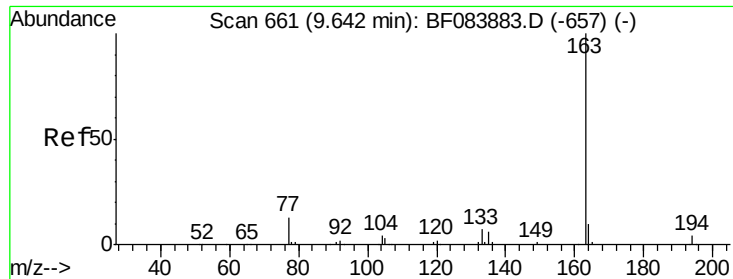
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#48
 Acenaphthylene
 Concen: 29.93 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.7	10.4	15.6





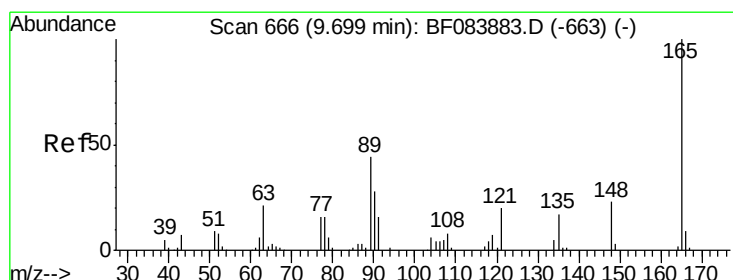
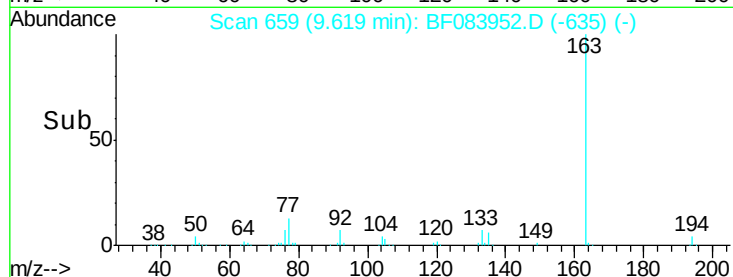
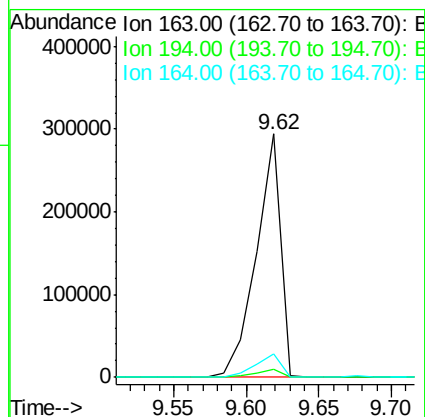
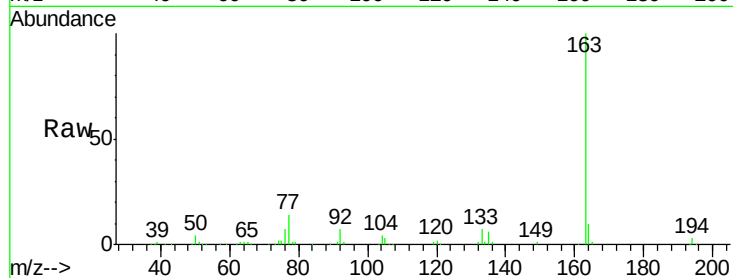
#49
Dimethylphthalate
Concen: 33.06 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.5	8.0	12.0

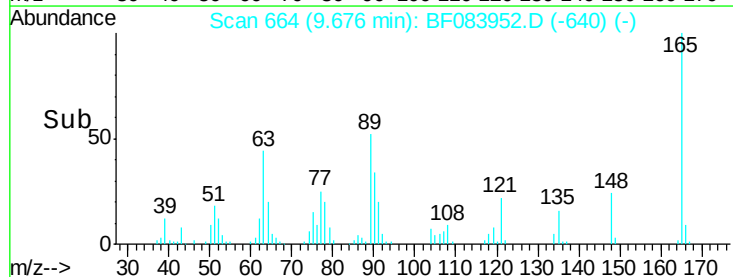
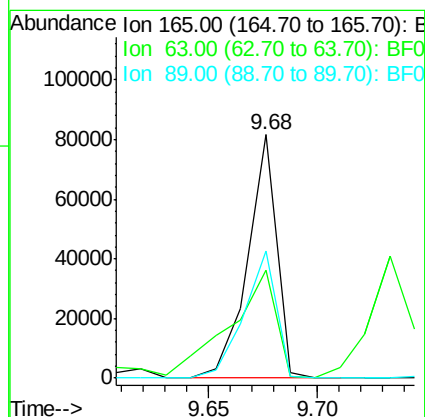
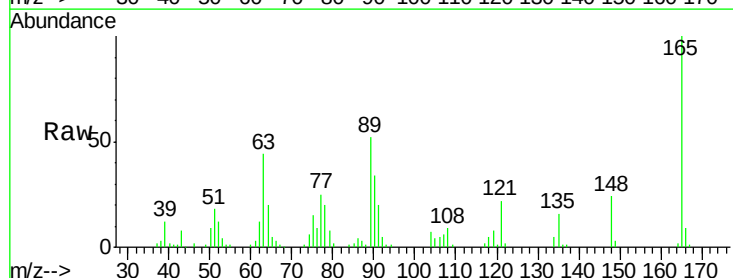
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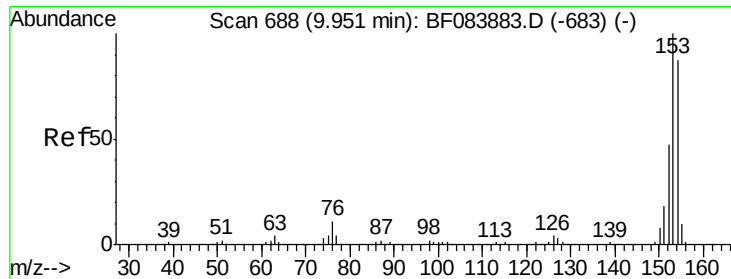
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#50
2,6-Dinitrotoluene
Concen: 33.24 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	44.2	28.8	43.2#
89	52.5	35.1	52.7





#51

Acenaphthene

Concen: 33.58 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

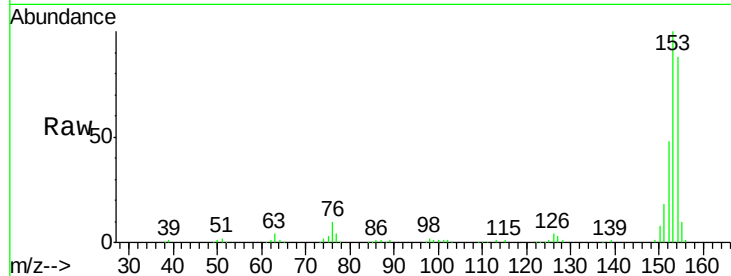
ClientSampleId :

PB87402BSD

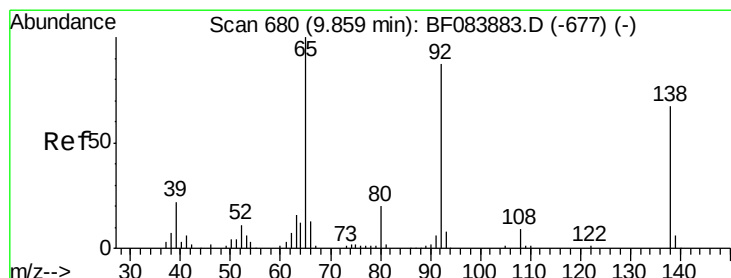
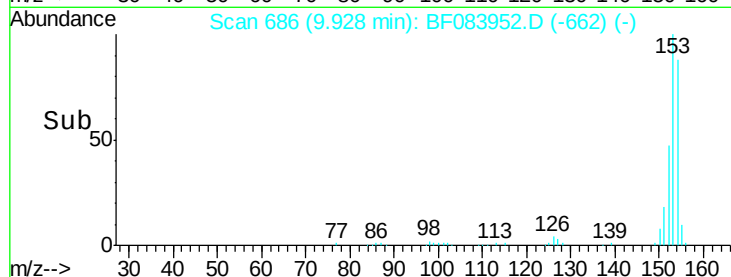
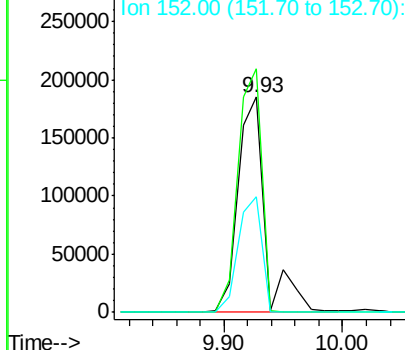
Tot Ion:	154	Resp:	297105
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.5	137.3
152	53.9	43.0	64.6

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



#52

3-Nitroaniline

Concen: 16.70 ng

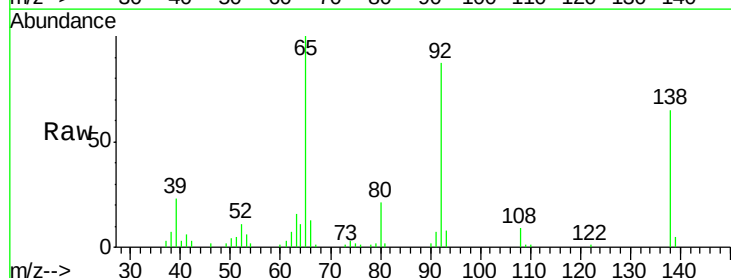
RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

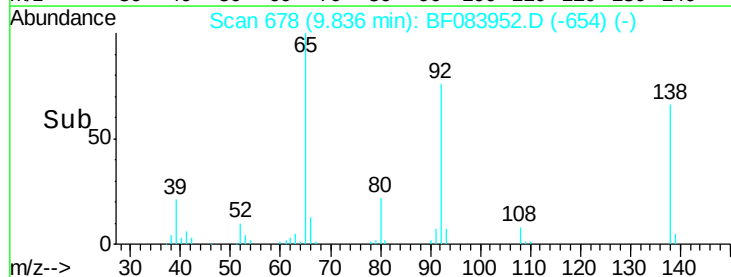
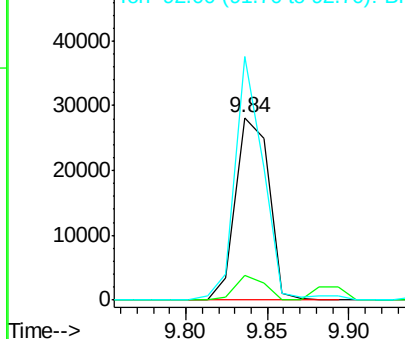
Lab File: BF083952.D

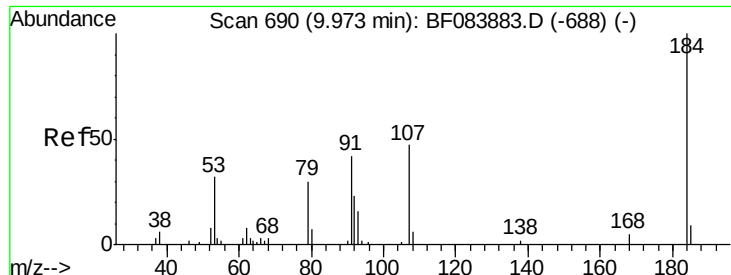
Acq: 19 Dec 2015 14:12

Tgt Ion:	138	Resp:	39765
Ion Ratio	Lower	Upper	
138	100		
108	13.9	10.5	15.7
92	133.5	103.9	155.9



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





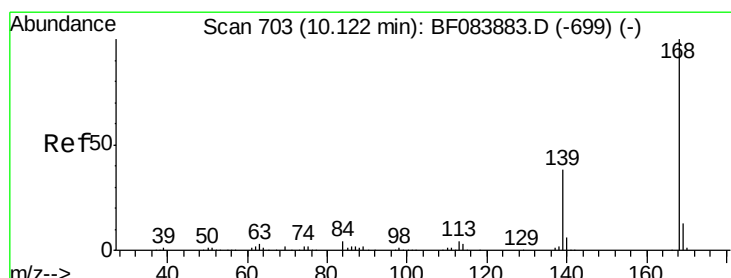
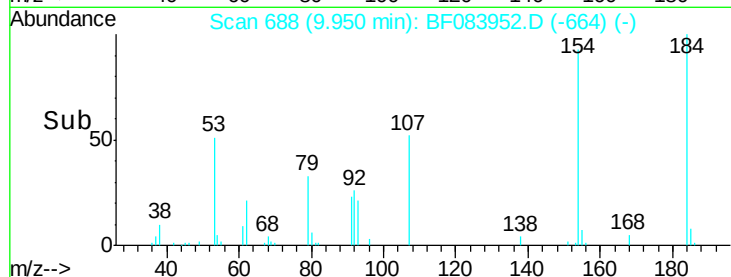
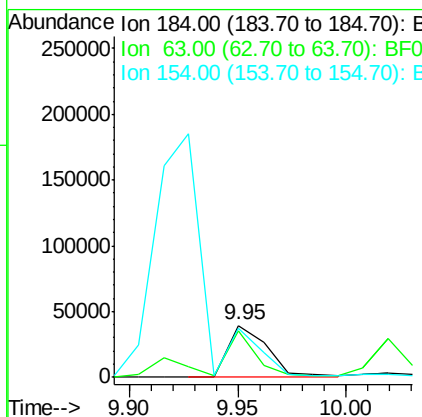
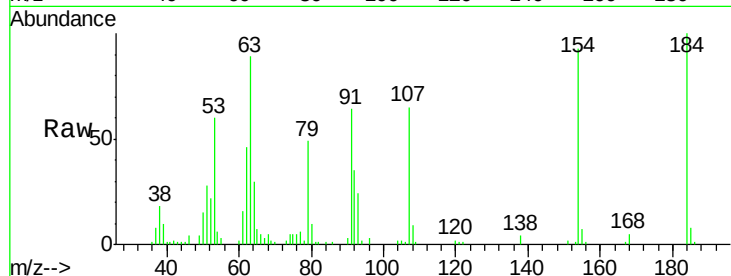
#53
2,4-Dinitrophenol
Concen: 64.45 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleID :
PB87402BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	50421		
63	88.8	43.1	64.7#	
154	93.2	60.5	90.7#	

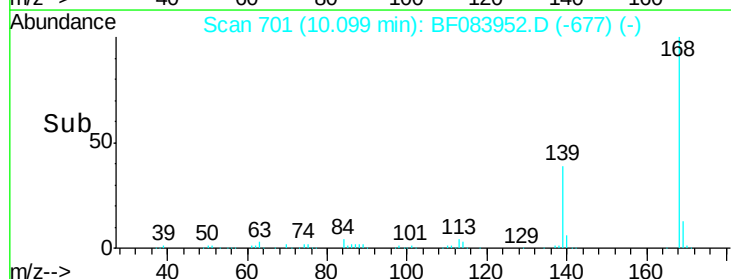
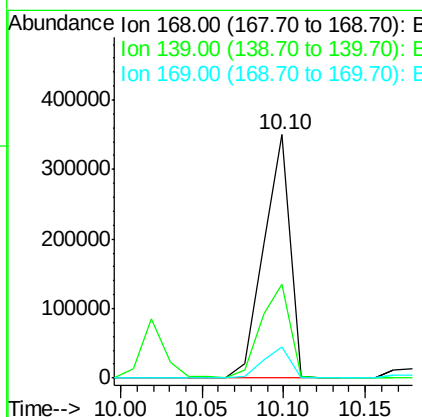
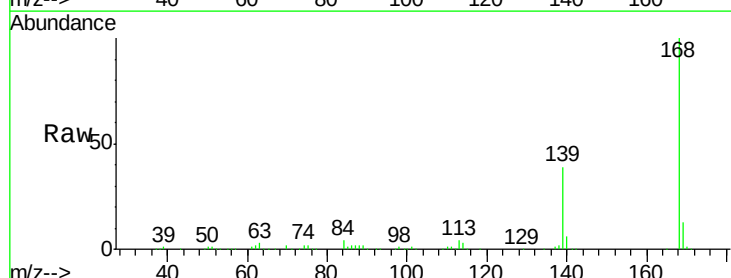
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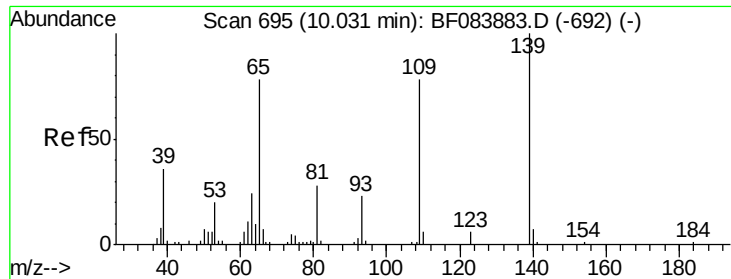
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#54
Dibenzofuran
Concen: 34.05 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	391288		
139	38.6	30.5	45.7	
169	12.8	10.4	15.6	





#55

4-Nitrophenol

Concen: 58.41 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

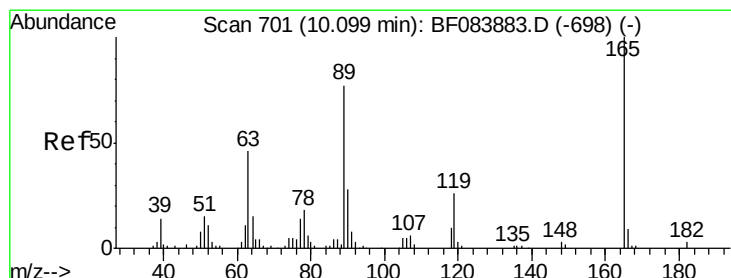
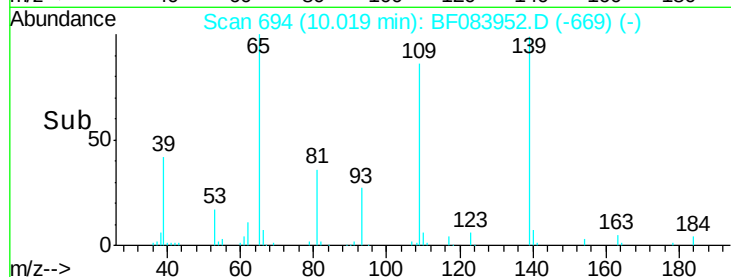
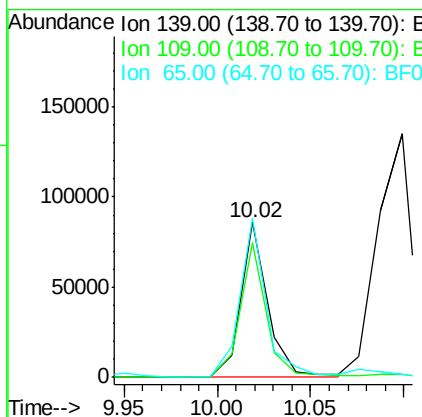
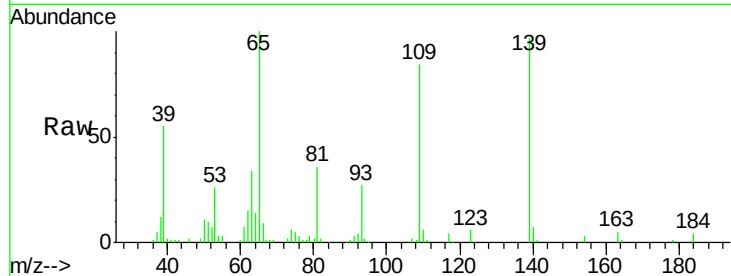
ClientSampleId :

PB87402BSD

Tot Ion:	139	Resp:	86854
Ion Ratio	Lower	Upper	
139	100		
109	86.9	58.5	98.5
65	103.0	57.6	97.6

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#56

2,4-Dinitrotoluene

Concen: 32.35 ng

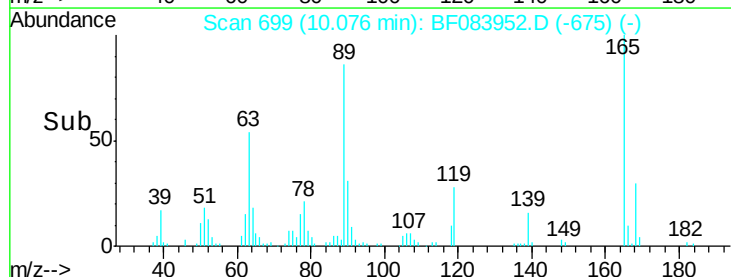
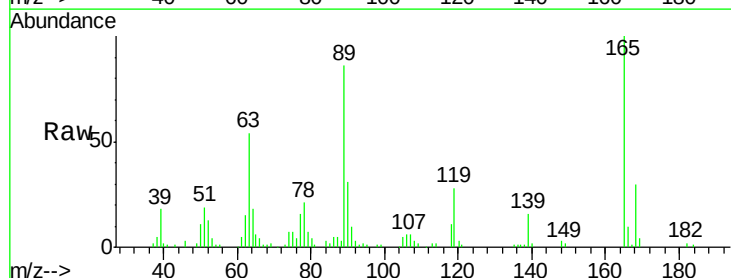
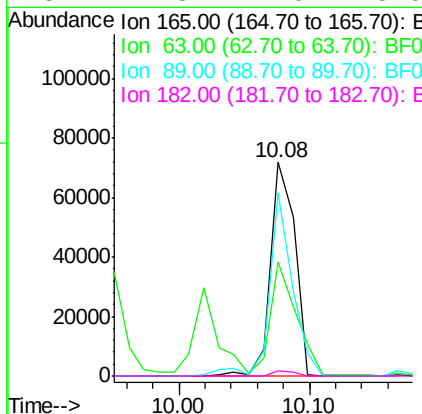
RT: 10.08 min Scan# 699

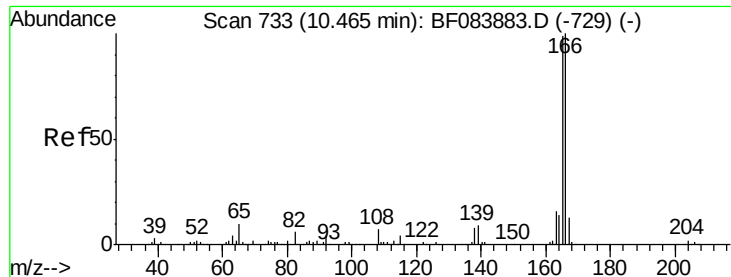
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	165	Resp:	93697
Ion Ratio	Lower	Upper	
165	100		
63	53.6	36.7	55.1
89	86.0	61.9	92.9
182	2.3	2.0	3.0





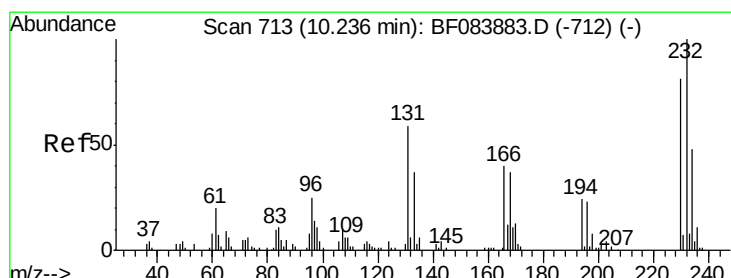
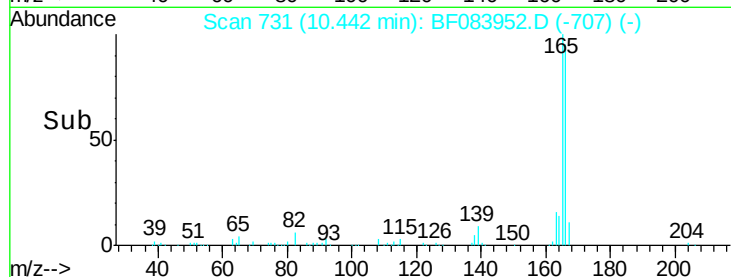
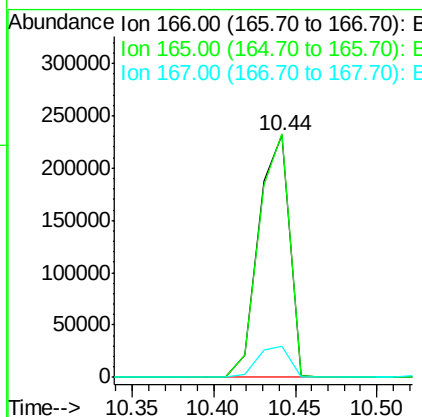
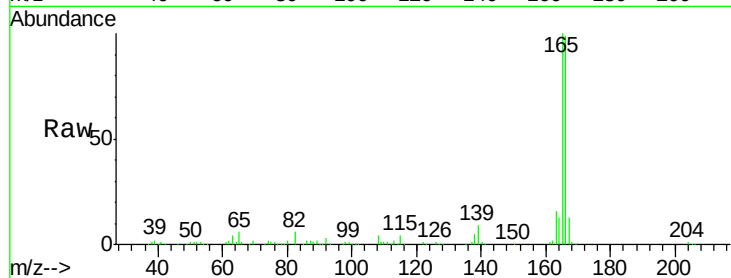
#57
 Fluorene
 Concen: 33.99 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.5	79.1	118.7	
167	12.9	10.4	15.6	

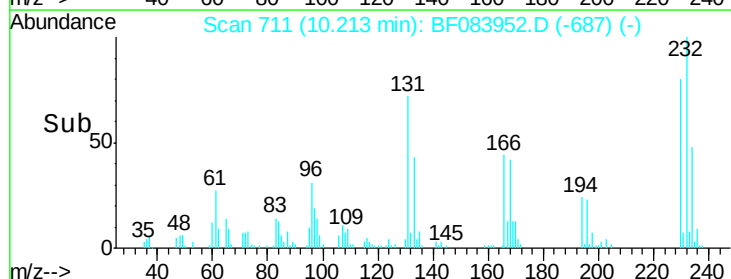
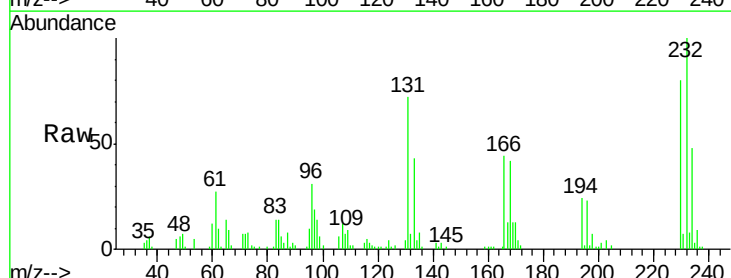
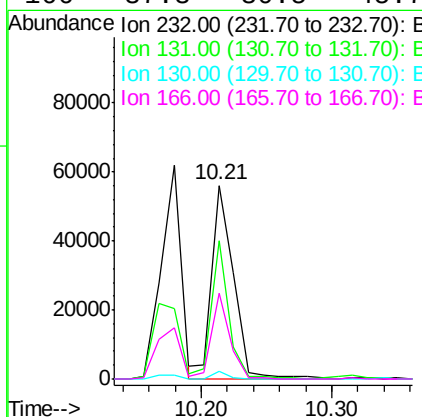
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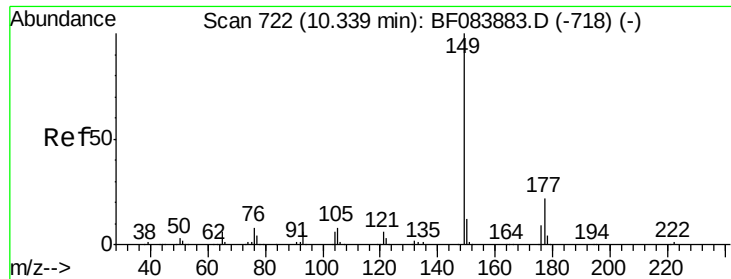
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.03 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	57.3	47.0	70.6	
130	2.7	2.0	3.0	
166	37.3	30.5	45.7	





#59

Diethylphthalate

Concen: 33.25 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

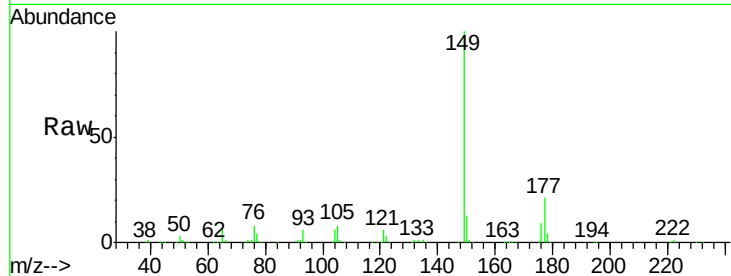
ClientSampleId :

PB87402BSD

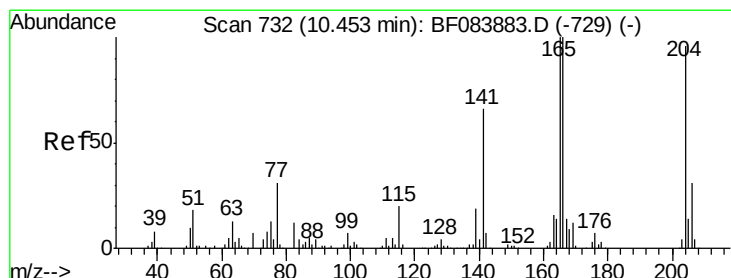
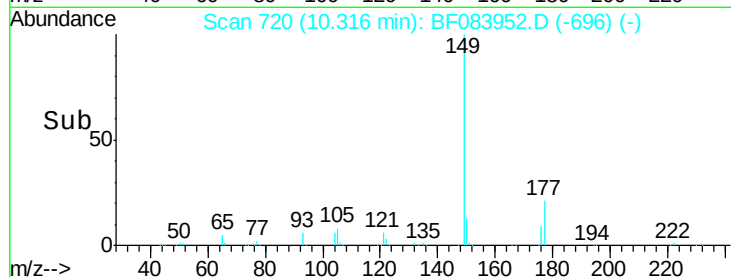
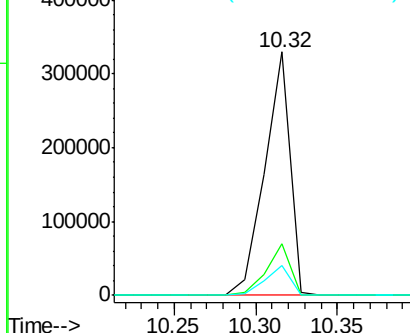
Tot Ion:	149	Resp:	356087
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.3	25.9
150	12.5	9.8	14.8

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



#60

4-Chlorophenyl-phenylether

Concen: 32.93 ng

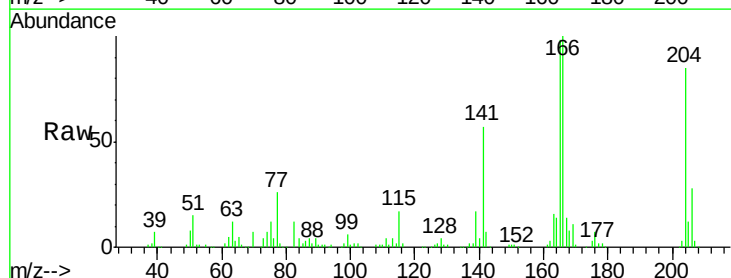
RT: 10.43 min Scan# 730

Delta R.T. -0.02 min

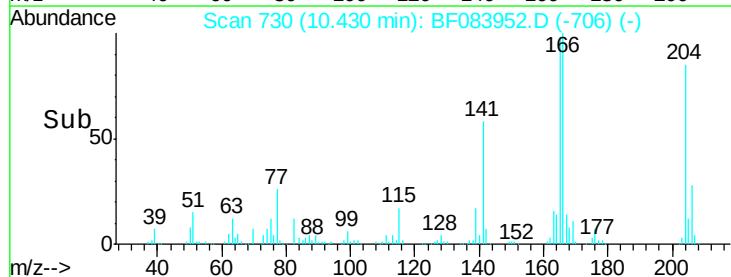
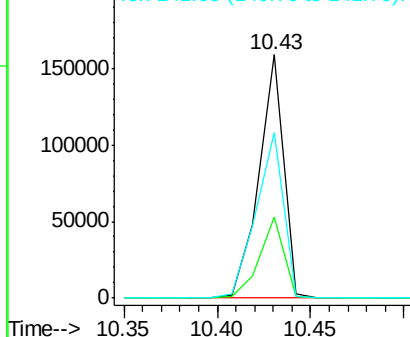
Lab File: BF083952.D

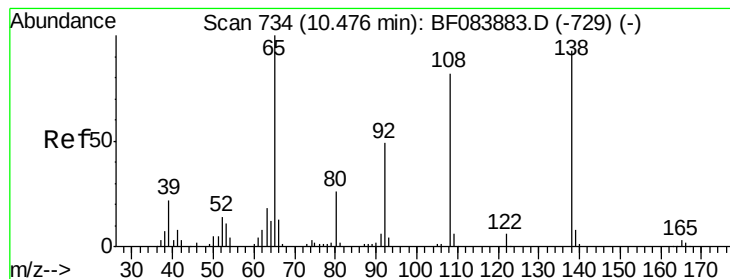
Acq: 19 Dec 2015 14:12

Tgt Ion:	204	Resp:	145052
Ion Ratio	Lower	Upper	
204	100		
206	33.1	25.7	38.5
141	67.9	55.1	82.7



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





#61

4-Nitroaniline

Concen: 26.06 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

ClientSampleId :

PB87402BSD

Tot Ion:138 Resp: 64222

Ion Ratio Lower Upper

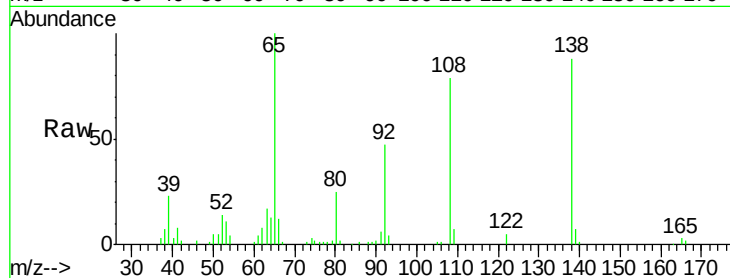
138 100

92 53.2 32.6 72.6

108 90.2 68.6 108.6

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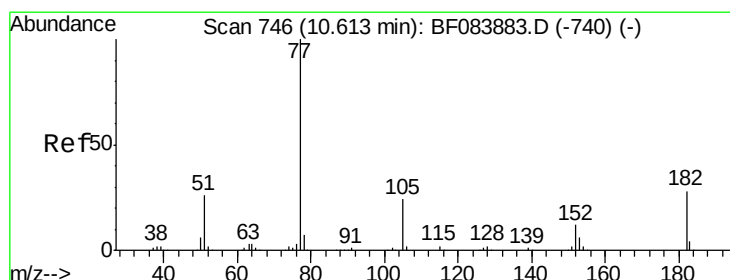
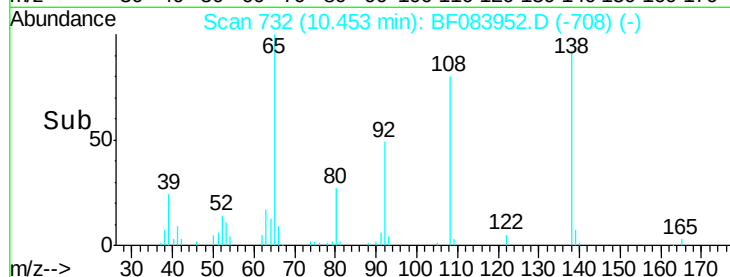
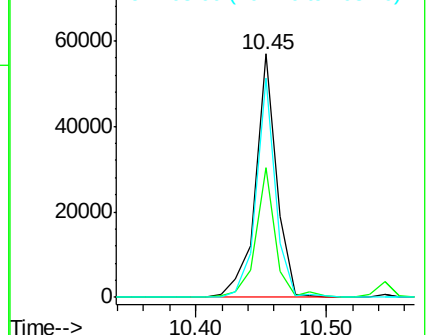
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.24 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion: 77 Resp: 325293

Ion Ratio Lower Upper

77 100

182 29.1 8.3 48.3

105 25.1 4.6 44.6

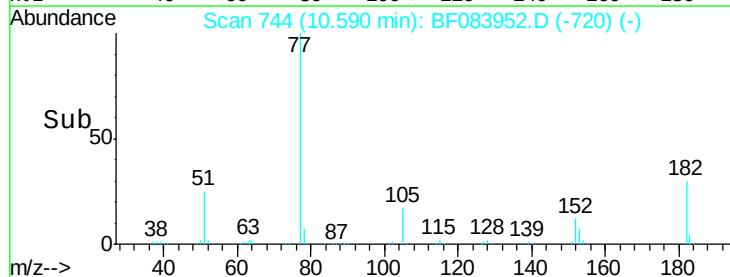
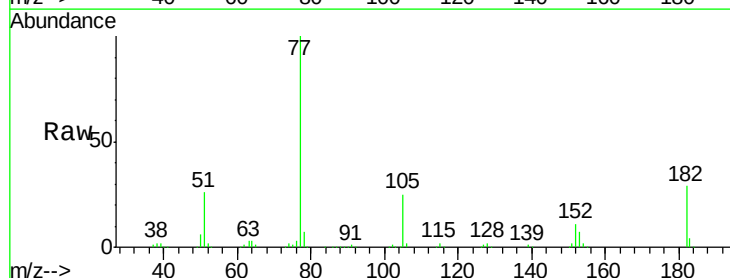
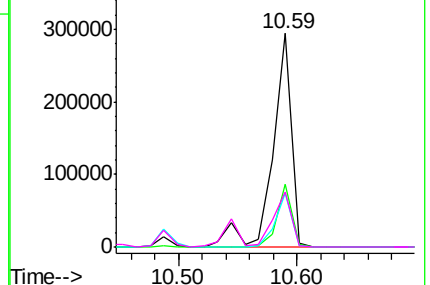
51 26.0 6.2 46.2

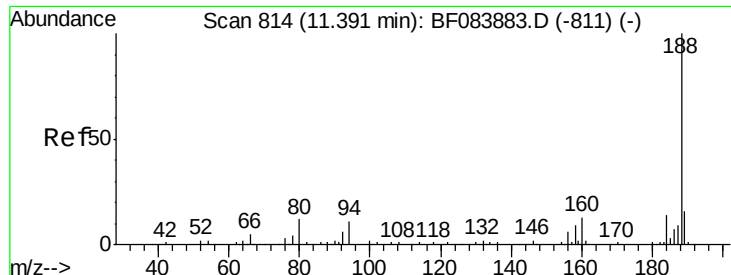
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





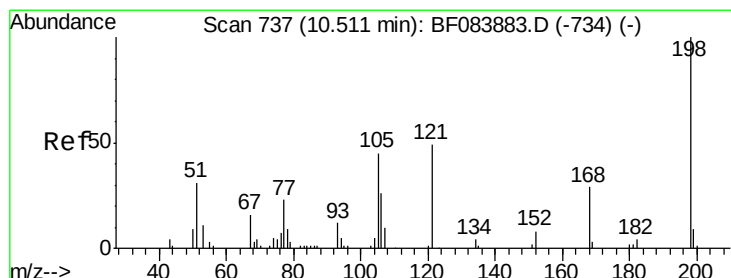
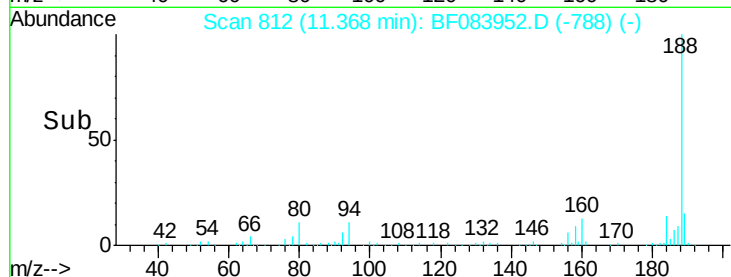
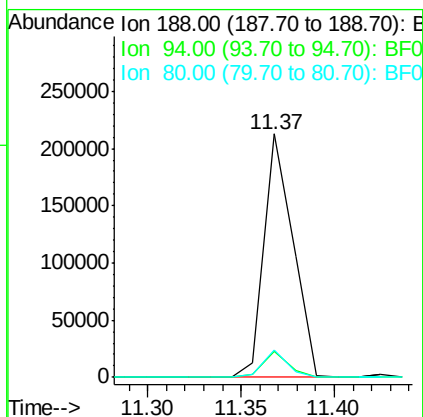
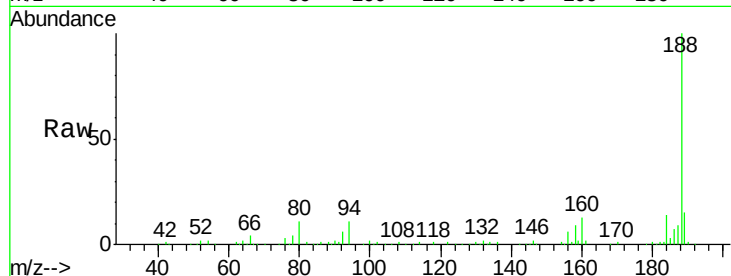
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.1	9.6	14.4

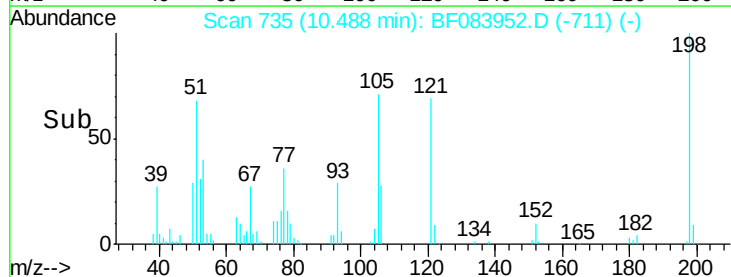
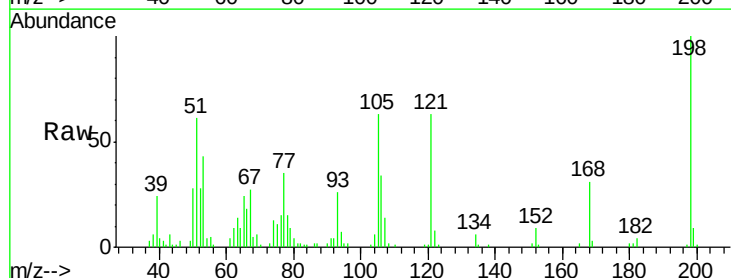
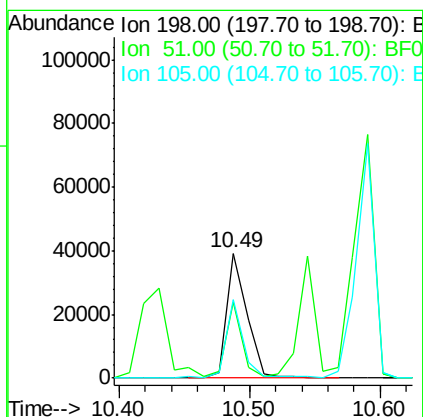
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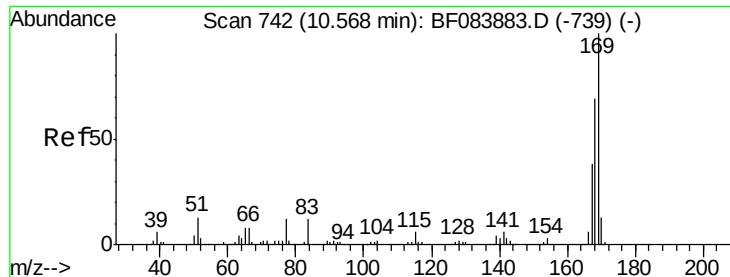
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.48 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	60.5	18.9	58.9#
105	63.1	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 30.78 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

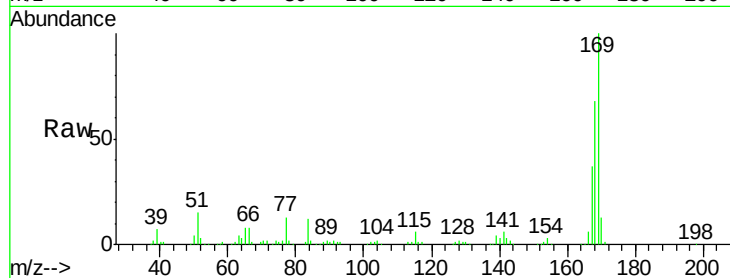
ClientSampleId :

PB87402BSD

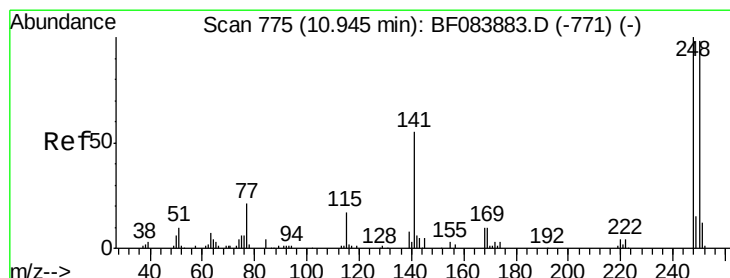
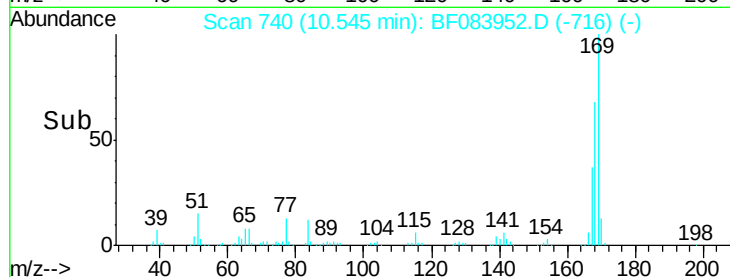
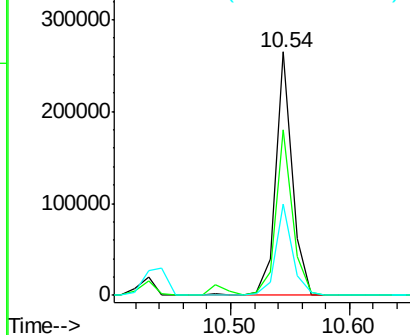
Tot Ion:	169	Resp:	255617
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.1	82.7
167	37.4	30.0	45.0

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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: 29.47 ng

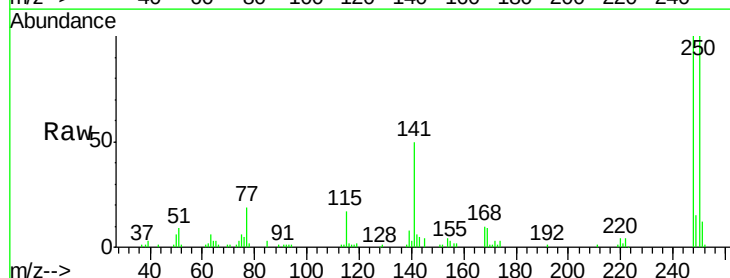
RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

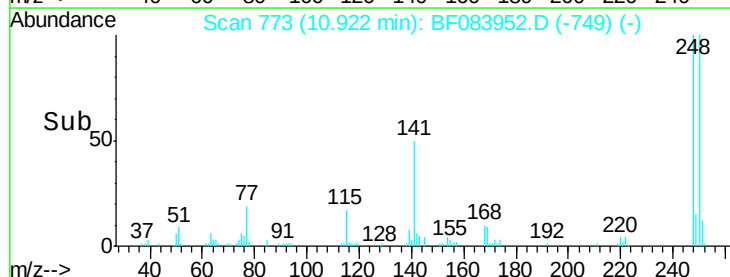
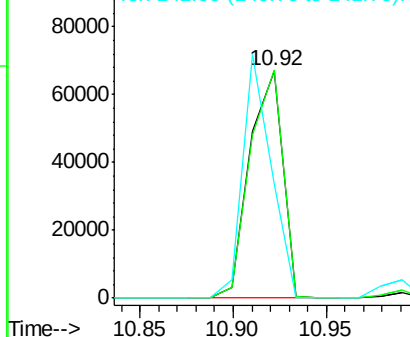
Lab File: BF083952.D

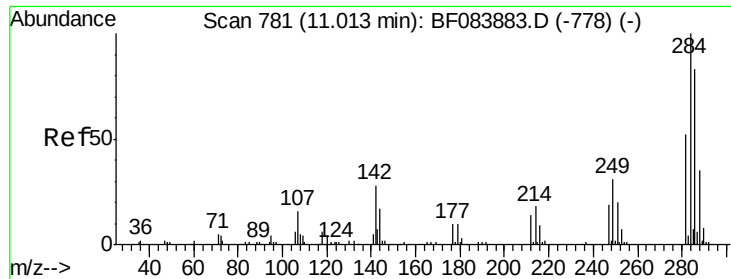
Acq: 19 Dec 2015 14:12

Tgt Ion:	248	Resp:	82243
Ion Ratio	Lower	Upper	
248	100		
250	100.2	78.4	117.6
141	50.0	44.0	66.0



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





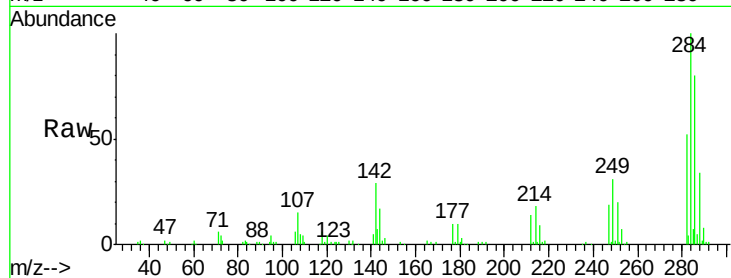
#67
Hexachlorobenzene
Concen: 34.17 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

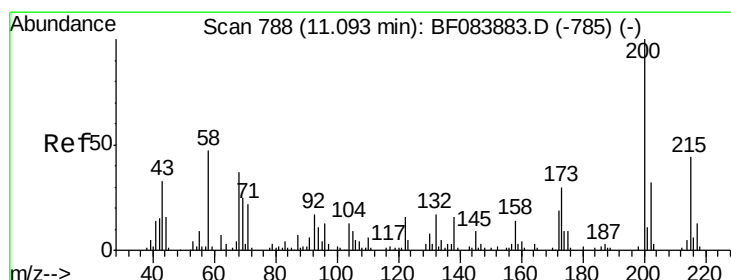
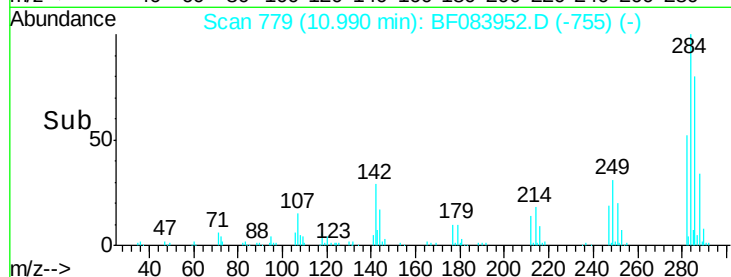
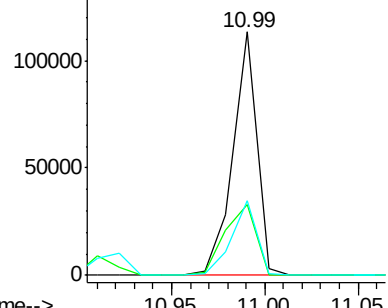
Tot Ion	Ratio	Resp	Lower	Upper
284	100	100388		
142	29.1		22.2	33.4
249	30.8		24.6	37.0

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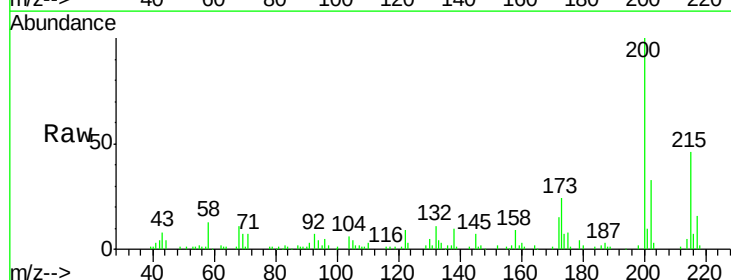


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

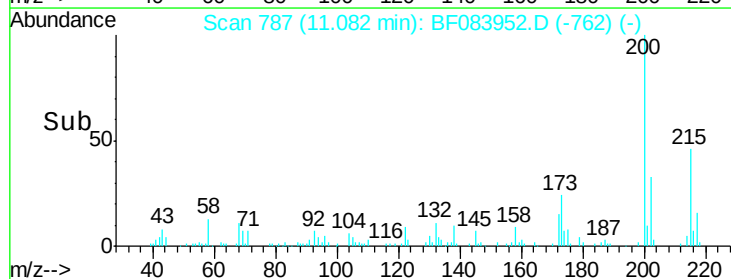
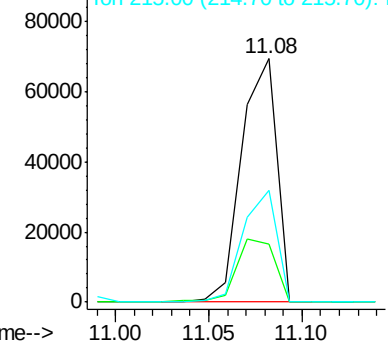


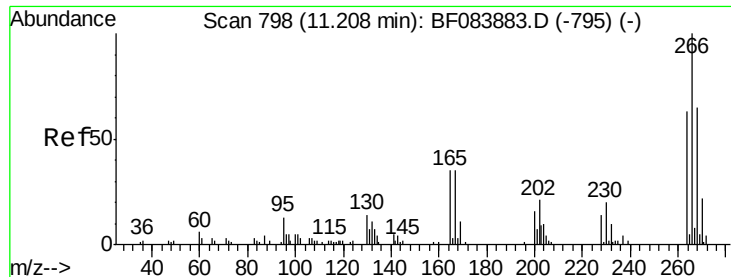
#68
Atrazine
Concen: 34.46 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	90667		
173	23.7		9.5	49.5
215	46.2		23.8	63.8



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





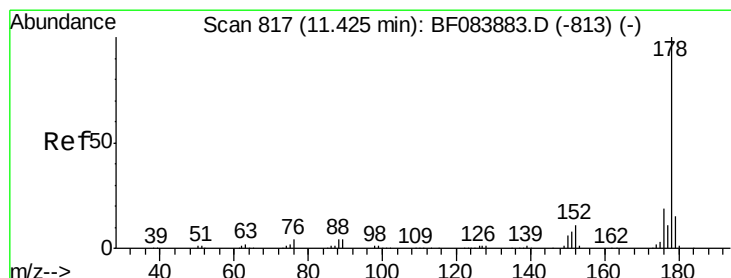
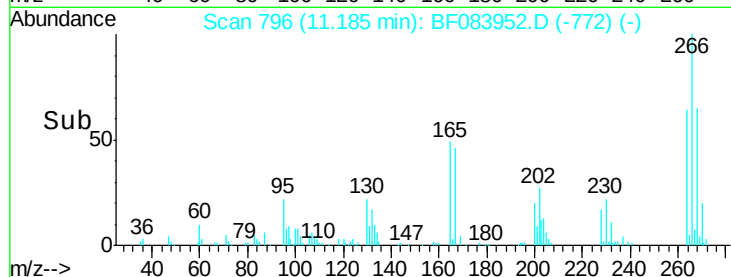
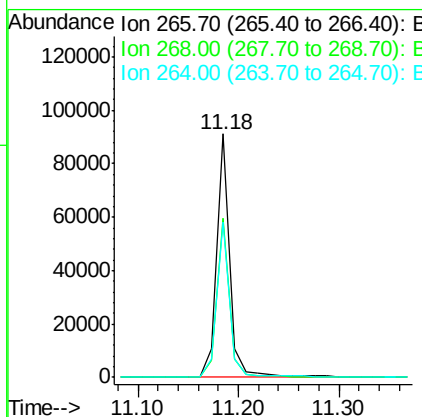
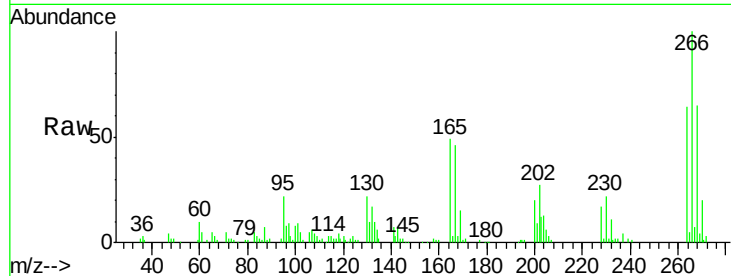
#69
 Pentachlorophenol
 Concen: 66.67 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	82083		
268	65.5		52.4	78.6
264	63.6		50.2	75.2

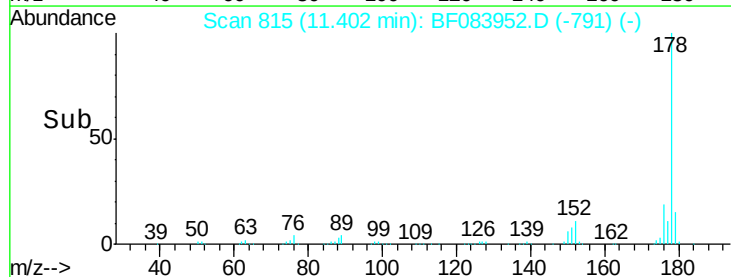
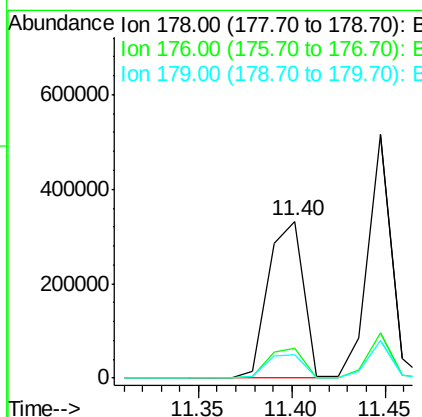
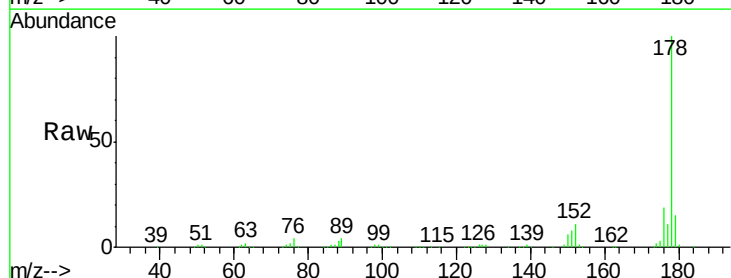
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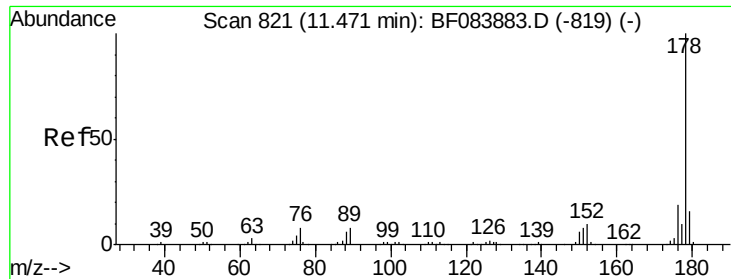
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#70
 Phenanthrene
 Concen: 31.89 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	439757		
176	19.2		15.3	22.9
179	14.7		12.0	18.0





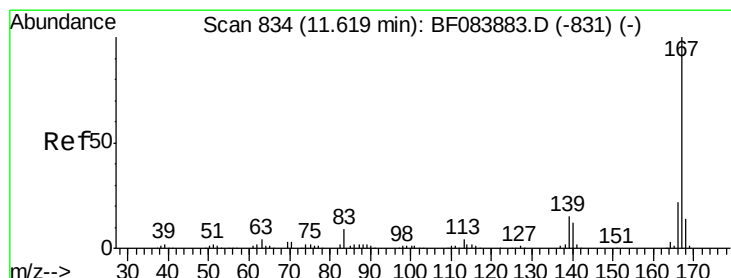
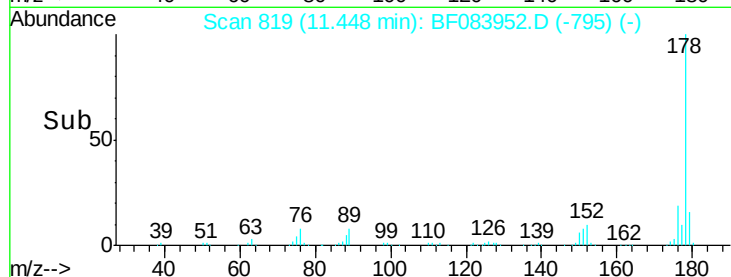
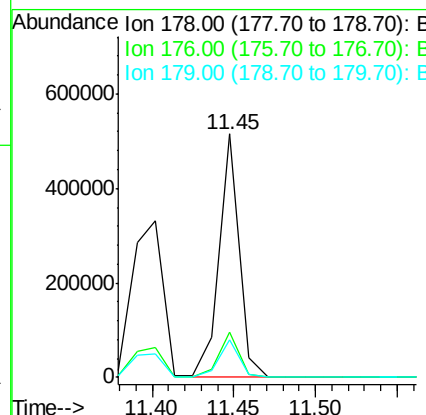
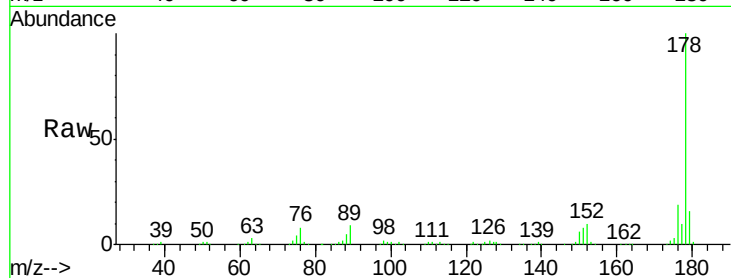
#71
 Anthracene
 Concen: 33.15 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.7	12.5	18.7

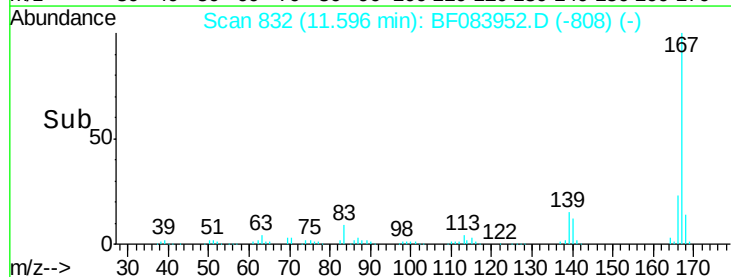
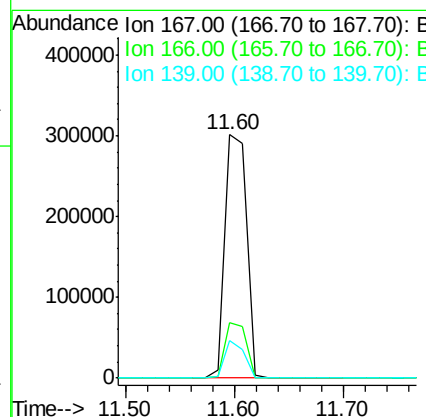
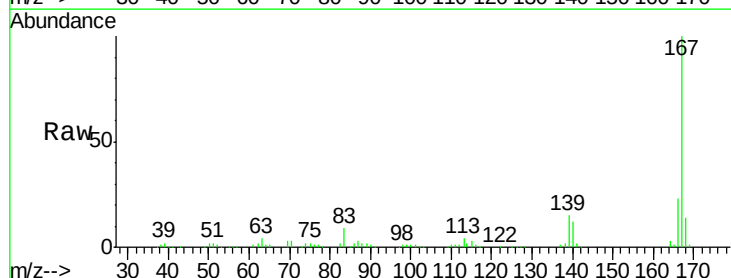
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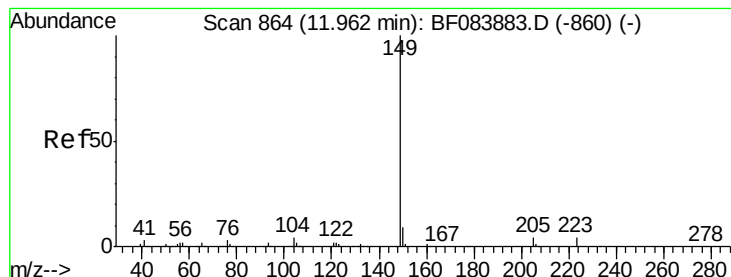
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#72
 Carbazole
 Concen: 31.76 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	15.3	11.8	17.8





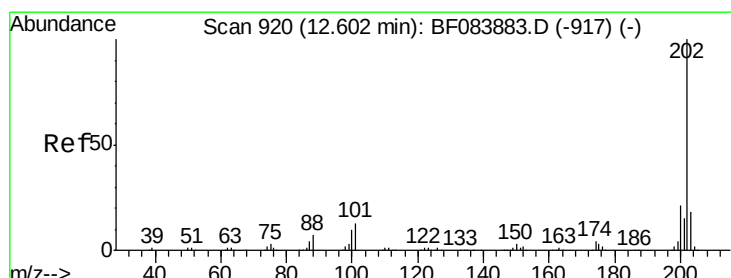
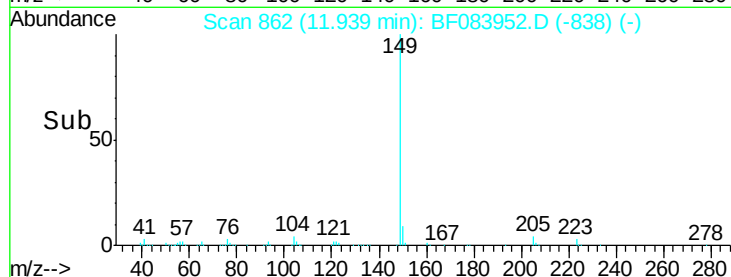
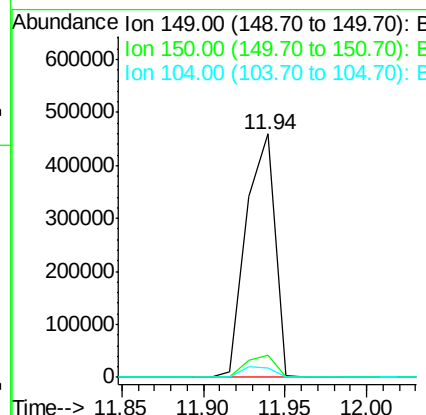
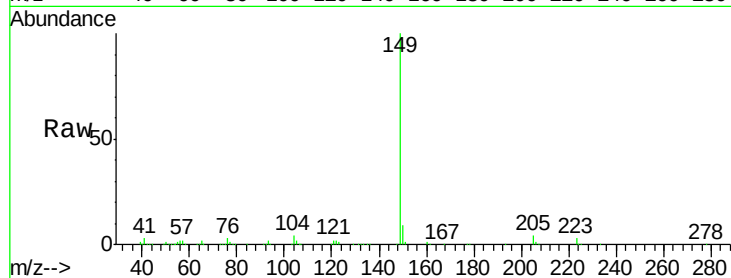
#73
Di-n-butylphthalate
Concen: 36.05 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	7.1	10.7	
104	4.0	3.2	4.8	

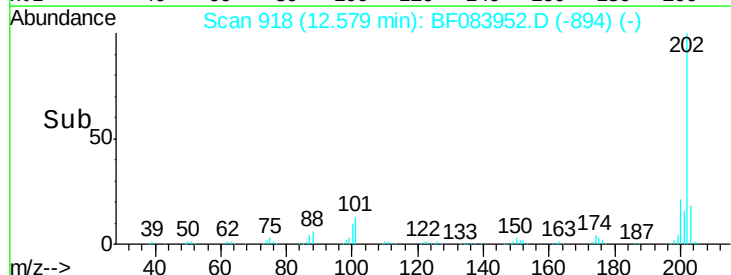
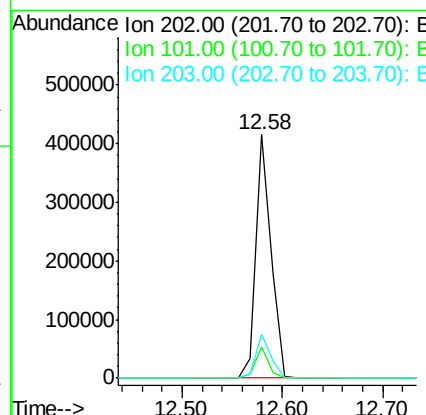
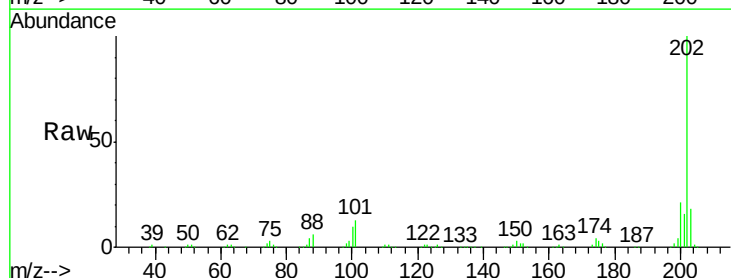
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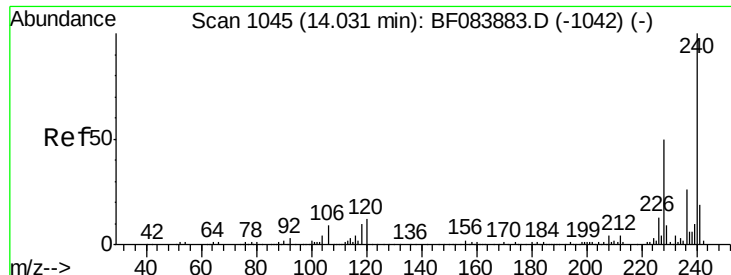
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#74
Fluoranthene
Concen: 31.61 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.7	0.0	32.8	
203	17.8	0.0	37.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

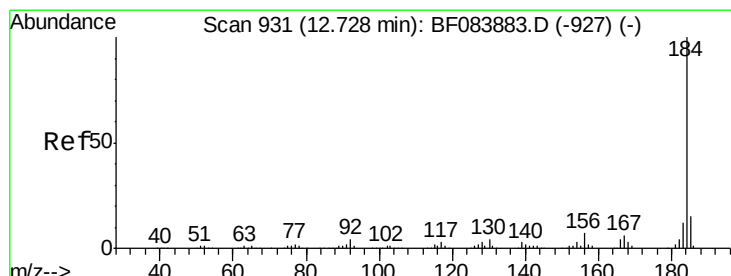
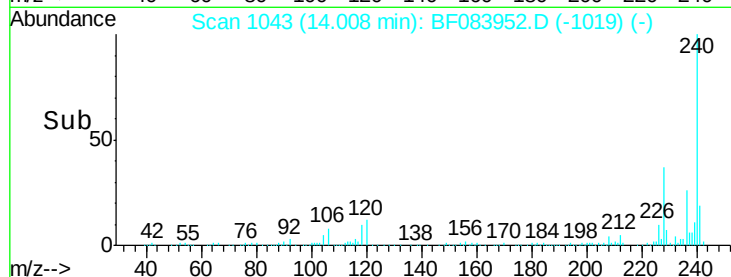
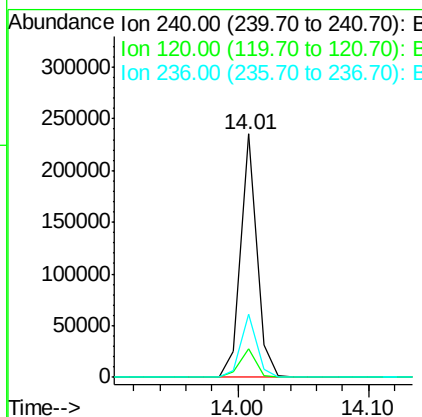
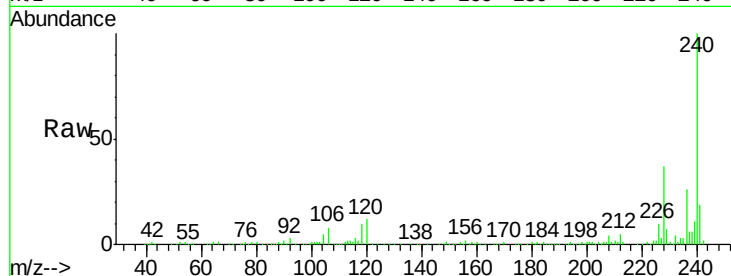
ClientSampleId :

PB87402BSD

Tot Ion:	240	Resp:	201935
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	26.2	20.6	31.0

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#76

Benzidine

Concen: 14.59 ng

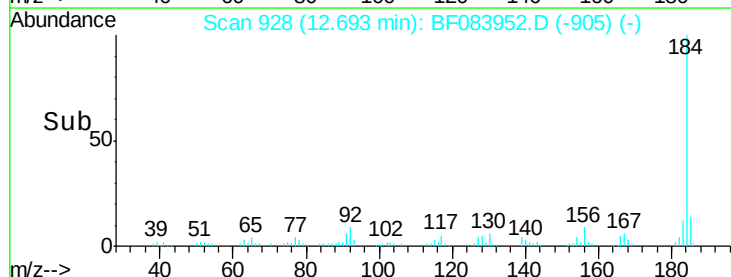
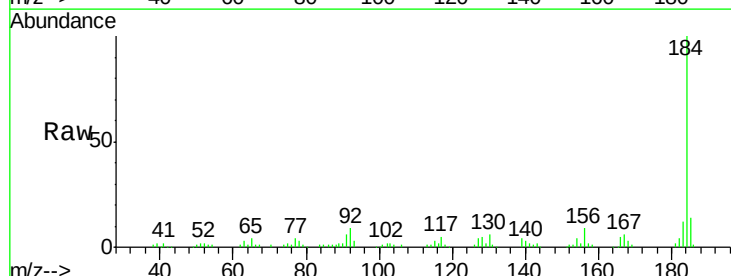
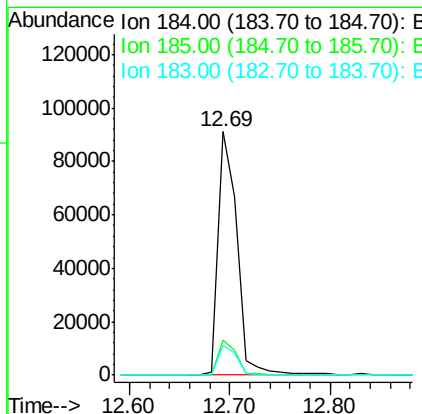
RT: 12.69 min Scan# 928

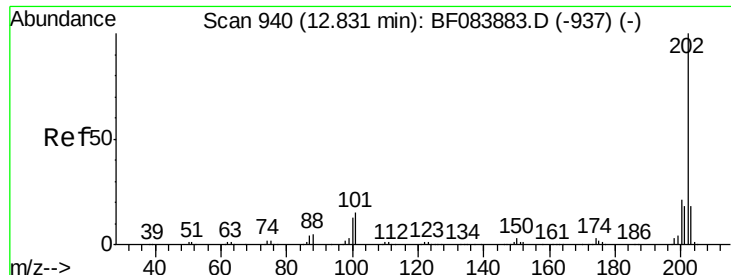
Delta R.T. -0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	184	Resp:	117990
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.2
183	12.2	9.8	14.8





#77

Pvrene

Concen: 35.36 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

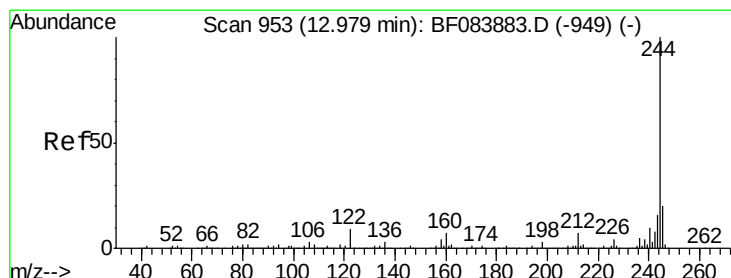
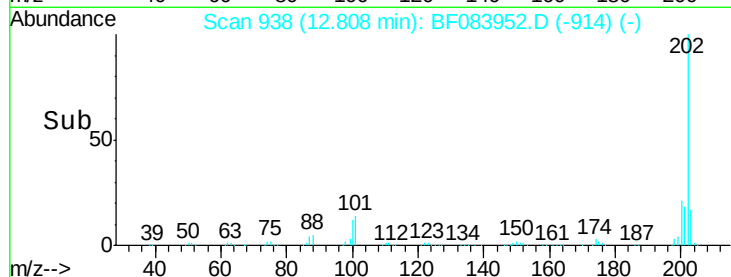
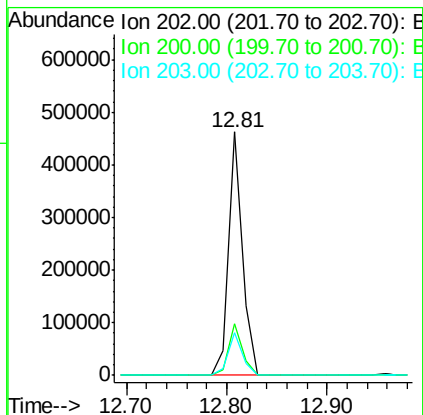
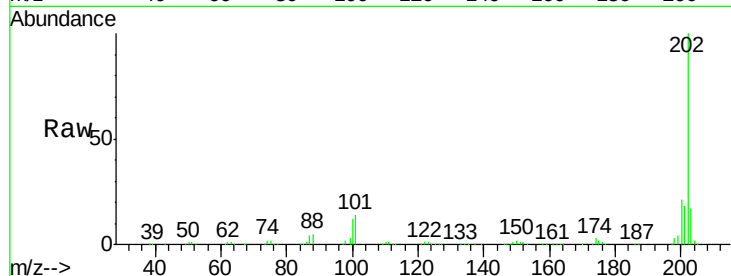
ClientSampleId :

PB87402BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		444229		
200	21.4	17.2	25.8		
203	17.4	14.3	21.5		

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#78

Terphenyl-d14

Concen: 74.18 ng

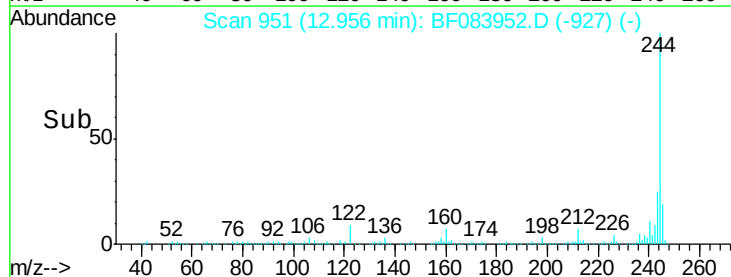
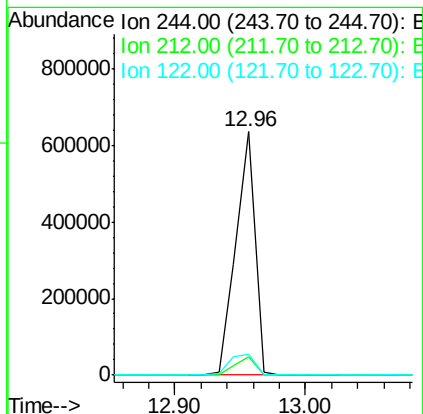
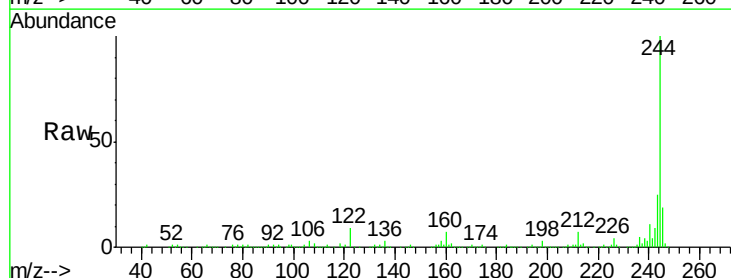
RT: 12.96 min Scan# 951

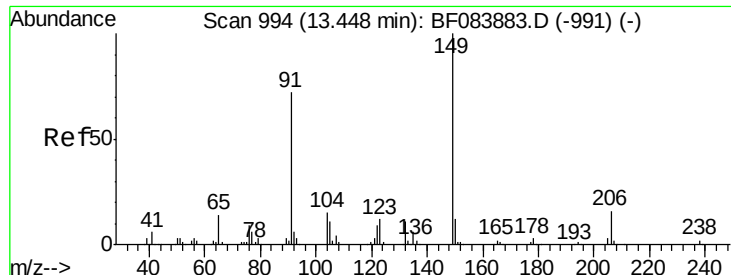
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		647637		
212	7.3	5.7	8.5		
122	8.6	7.4	11.0		





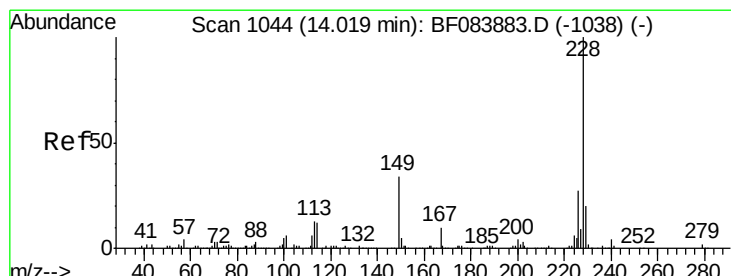
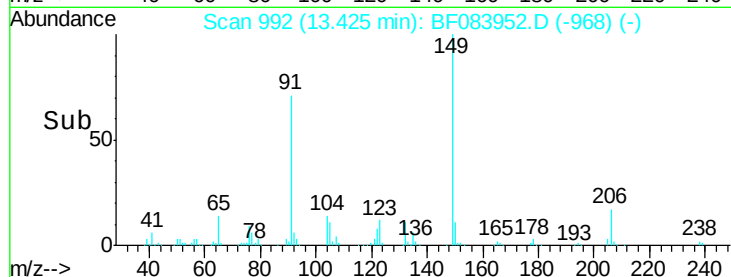
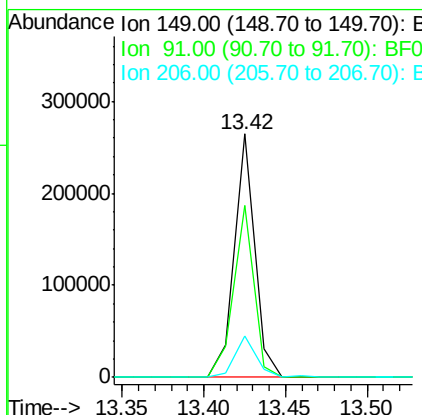
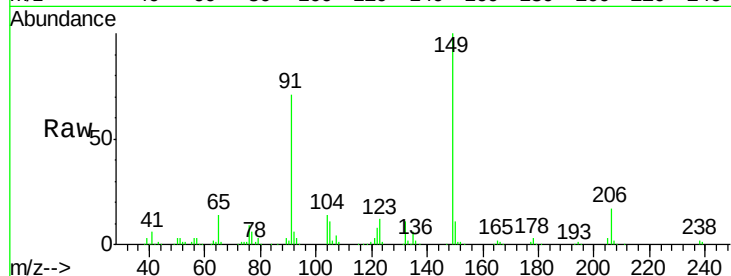
#79
Butylbenzylphthalate
Concen: 33.82 ng
RT: 13.42 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	227374		
91	70.5	57.6	86.4	
206	16.8	13.2	19.8	

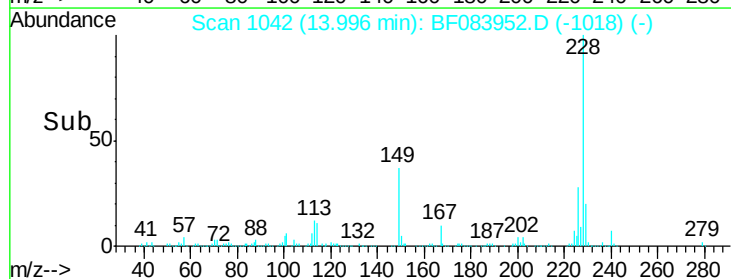
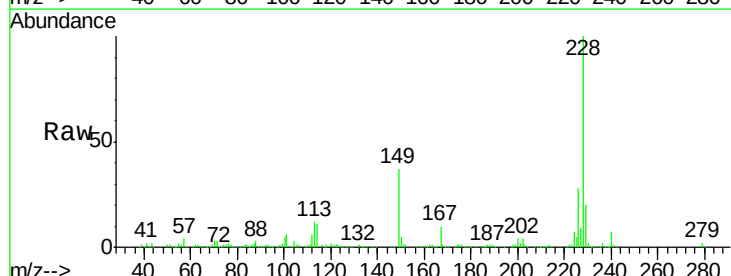
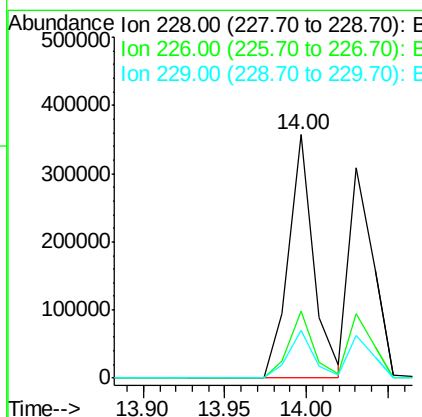
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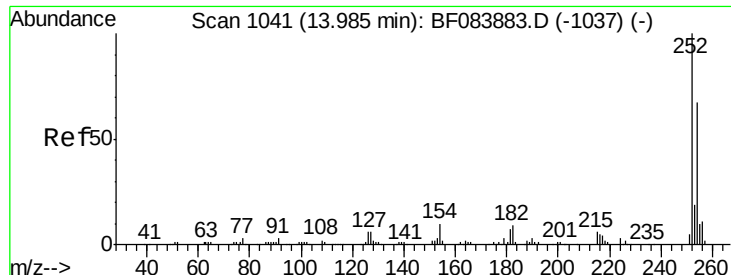
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#80
Benzo(a)anthracene
Concen: 30.90 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	383652		
226	27.7	21.8	32.6	
229	19.6	15.8	23.8	





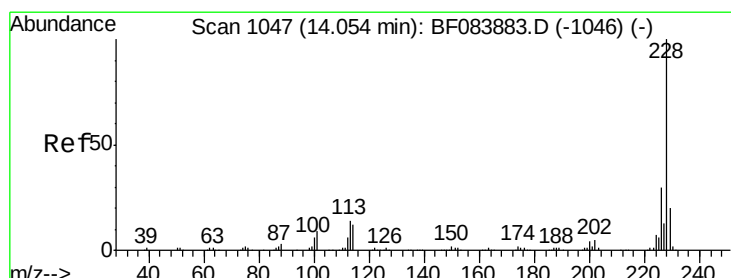
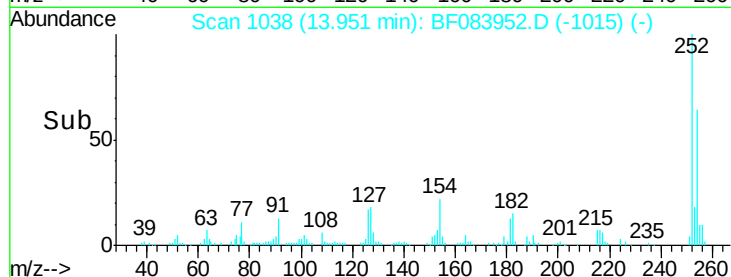
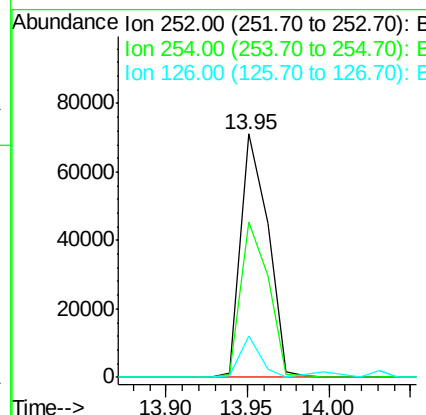
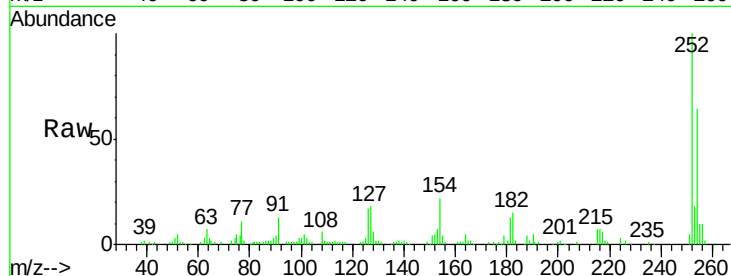
#81
 3,3'-Dichlorobenzidine
 Concen: 17.64 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.7	53.5	80.3
126	17.1	4.9	7.3

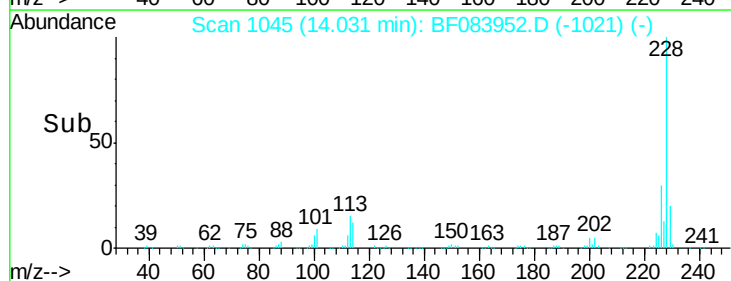
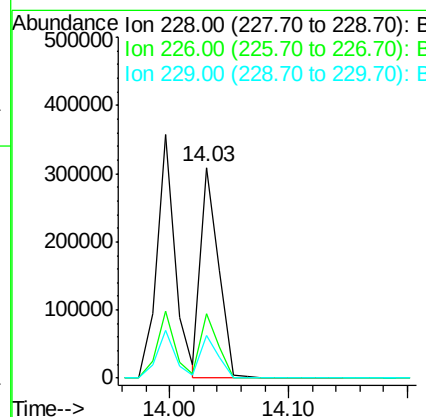
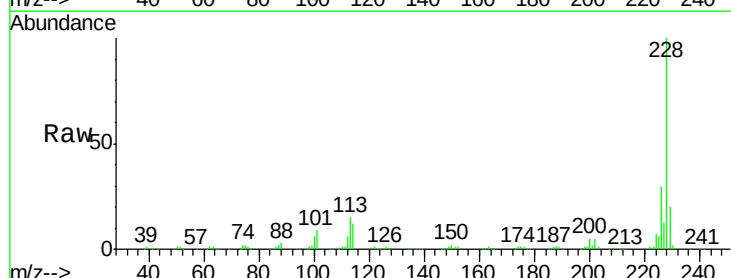
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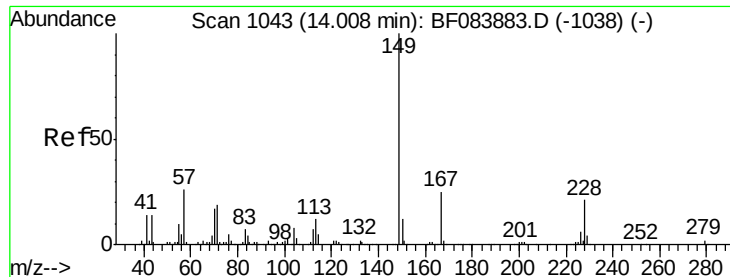
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#82
 Chrysene
 Concen: 27.33 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.3	36.5
229	20.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.67 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

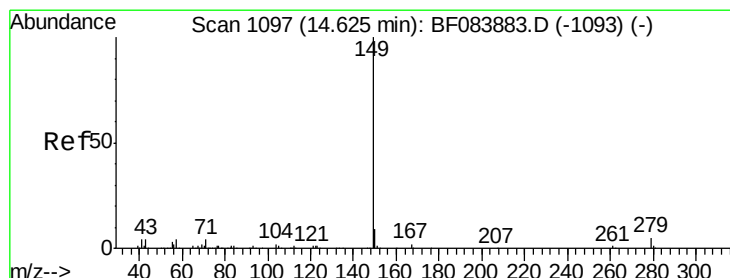
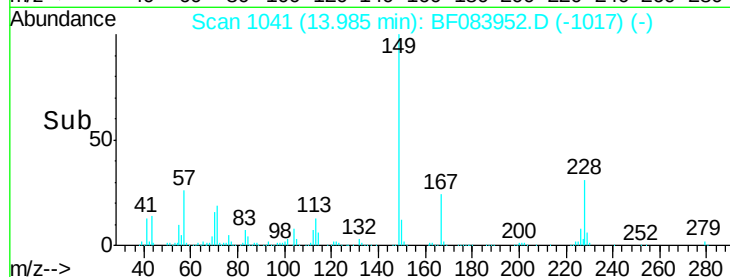
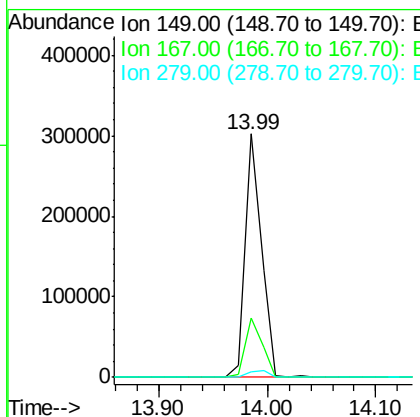
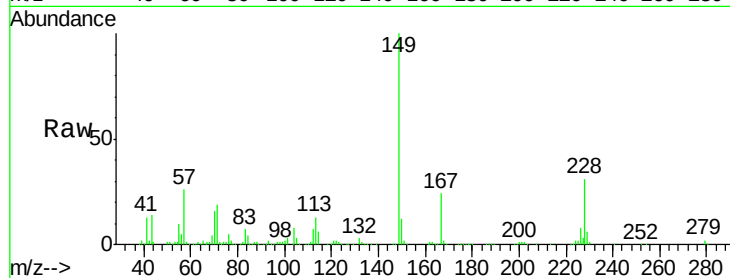
ClientSampleId :

PB87402BSD

Tot Ion:	149	Resp:	311132
Ion Ratio		Lower	Upper
149	100		
167	24.5	19.7	29.5
279	2.5	1.8	2.6

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#84

Di-n-octyl phthalate

Concen: 37.79 ng

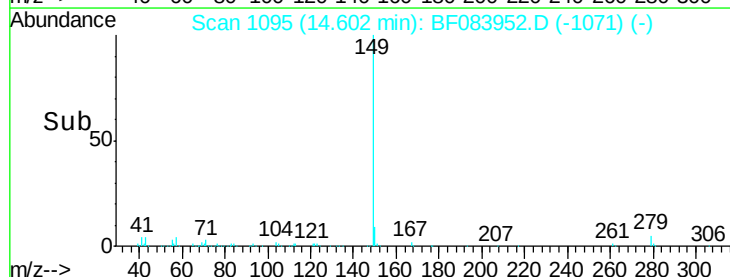
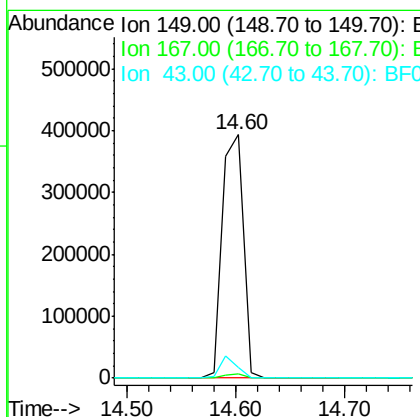
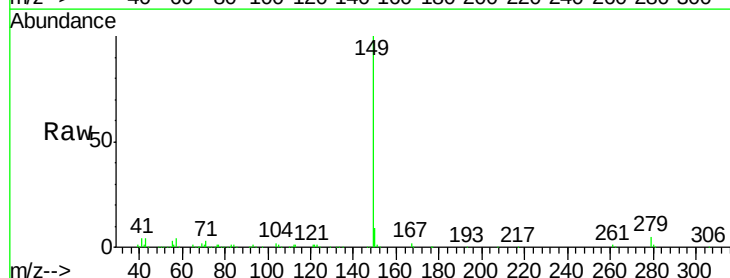
RT: 14.60 min Scan# 1095

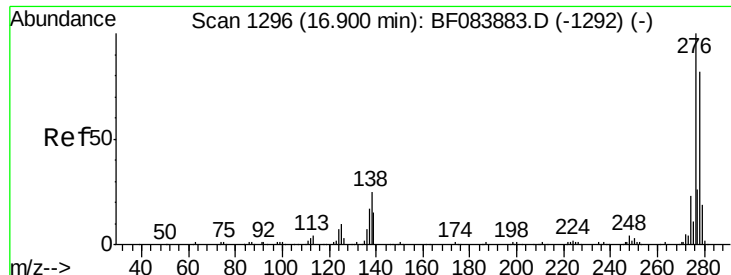
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	149	Resp:	530829
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.1	5.6	8.4





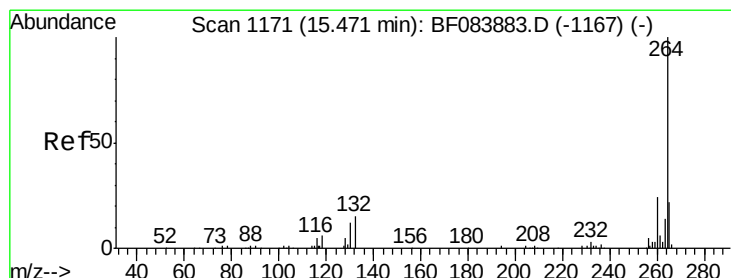
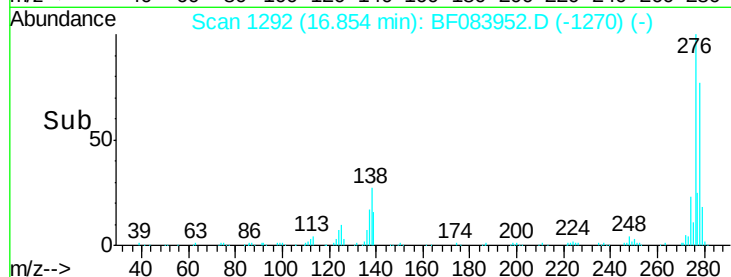
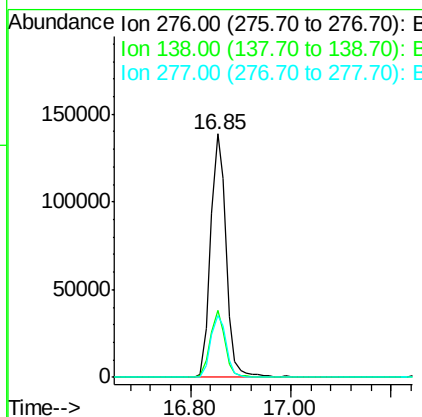
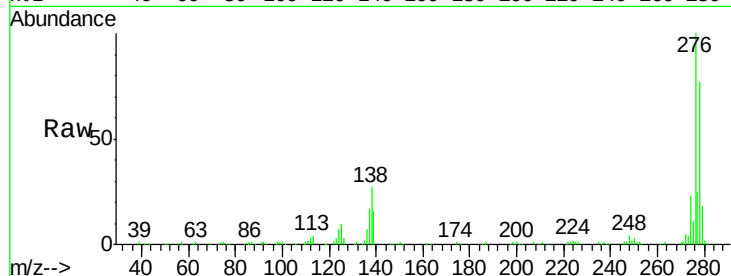
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.18 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	297532		
138	26.0		20.6	30.8
277	25.4		20.1	30.1

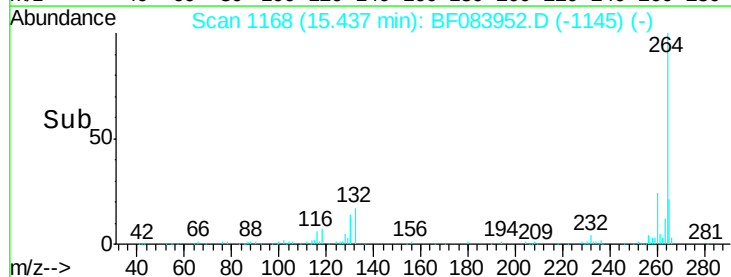
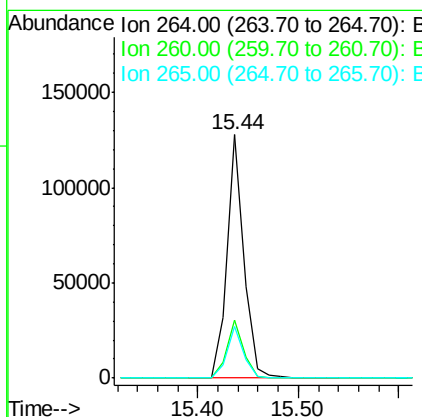
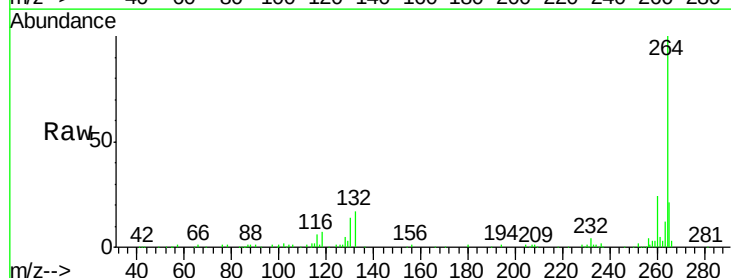
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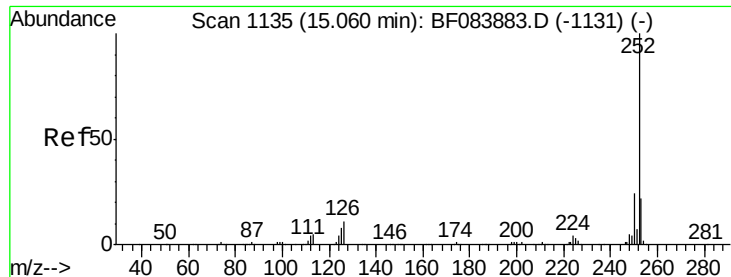
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	148667		
260	24.0		19.4	29.2
265	21.3		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 29.36 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Instrument :

BNA_F

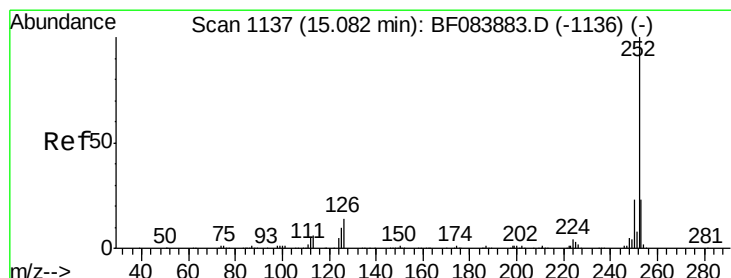
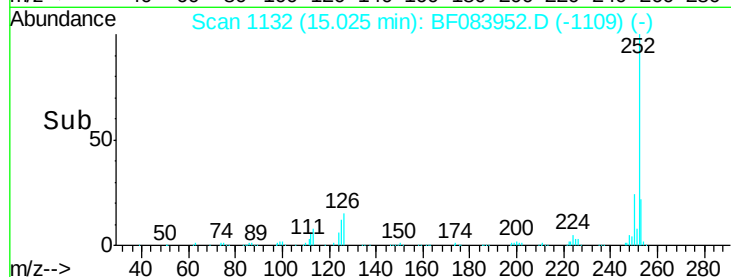
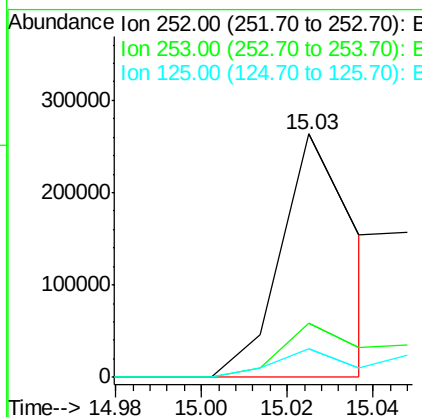
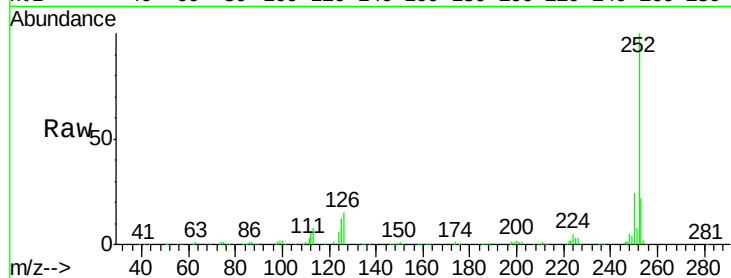
ClientSampleId :

PB87402BSD

Tot Ion:	252	Resp:	318226
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	11.7	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 38.15 ng m

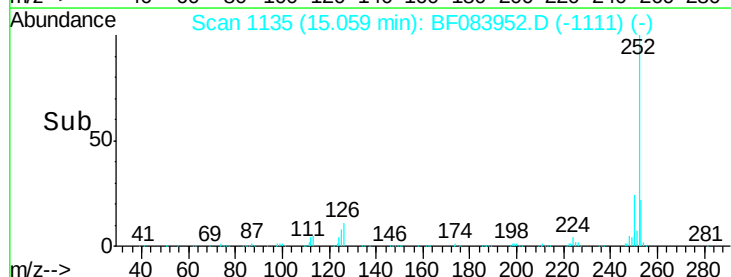
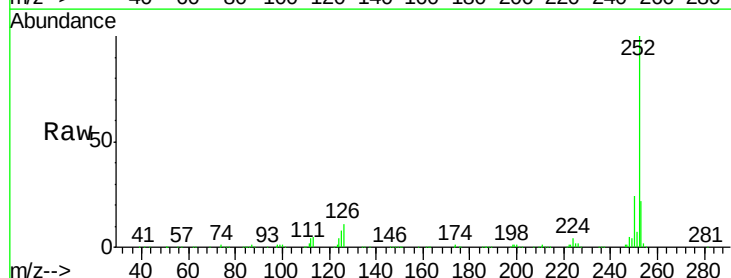
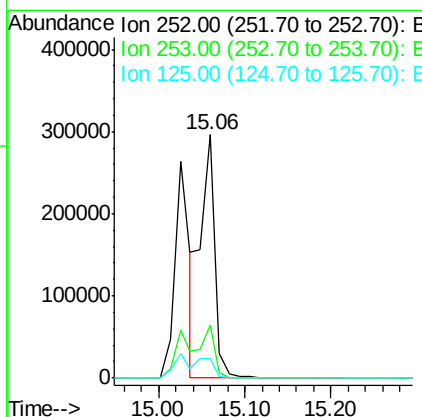
RT: 15.06 min Scan# 1135

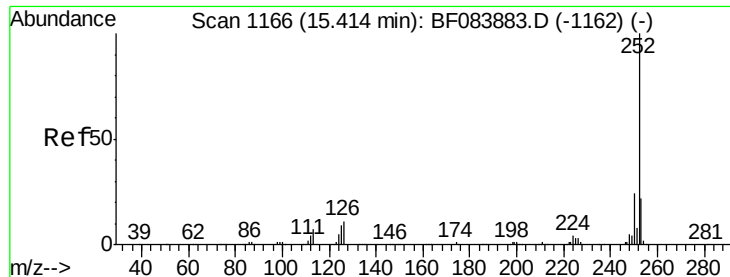
Delta R.T. -0.02 min

Lab File: BF083952.D

Acq: 19 Dec 2015 14:12

Tgt Ion:	252	Resp:	341108
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	7.8	9.0	13.6#





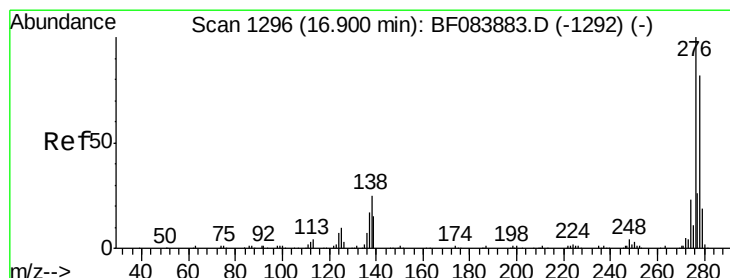
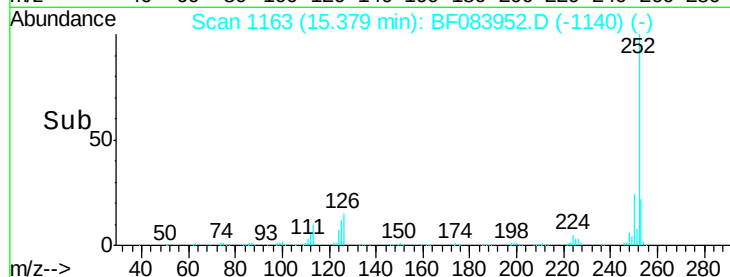
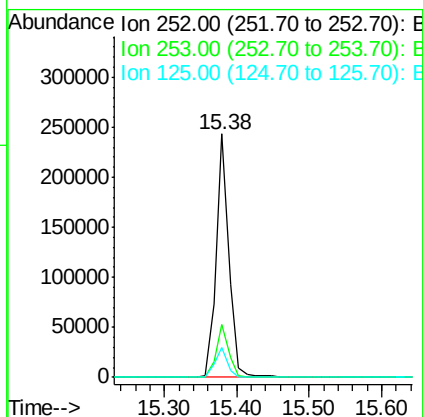
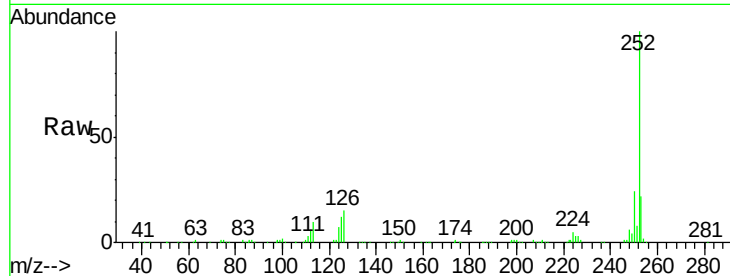
#89
Benzo(a)pyrene
Concen: 33.02 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Instrument :
BNA_F
ClientSampleId :
PB87402BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.3	25.9
125	12.0	7.0	10.4

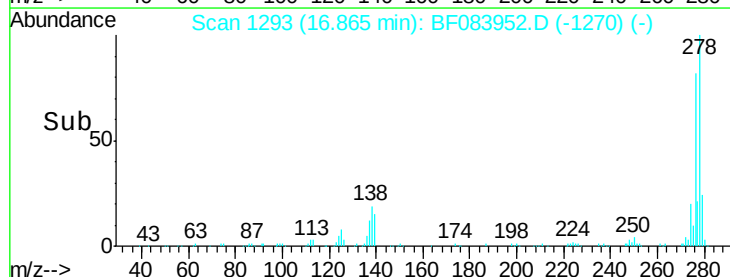
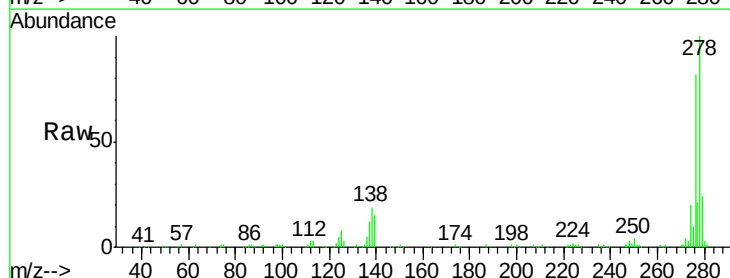
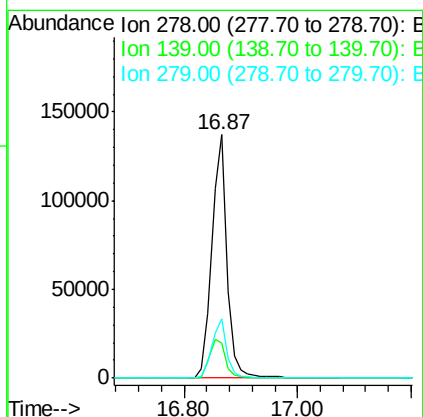
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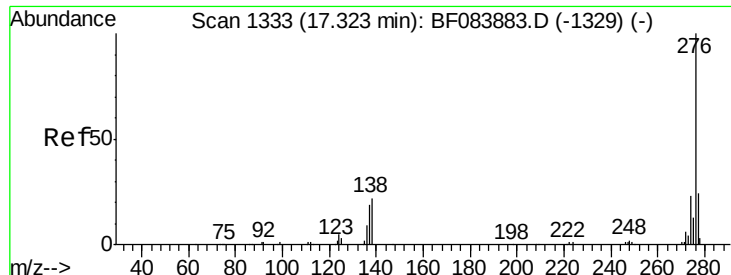
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#90
Dibenzo(a,h)anthracene
Concen: 35.66 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083952.D
Acq: 19 Dec 2015 14:12

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.5	15.0	22.4
279	24.2	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 36.55 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BF083952.D
 Acq: 19 Dec 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BSD

Tot Ion:	276	Resp:	249429
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	21.2	17.8	26.6

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