

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079439.D
 Acq On : 22 May 2015 18:05
 Operator : TP/IZ
 Sample : PB83558BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Manual Integrations
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 5/27/2015 8:15:48 AM

Quant Time: May 22 23:48:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	72664	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	301127	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	149272	20.00	ng	0.00
63) Phenanthrene-d10	12.64	188	279662	20.00	ng	0.00
75) Chrysene-d12	15.92	240	260024	20.00	ng	-0.05
86) Perylene-d12	17.69	264	259746	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	392215m	92.91	ng	0.01
7) Phenol-d6	6.63	99	496725	89.02	ng	0.00
23) Nitrobenzene-d5	7.75	82	485146	92.59	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	155762	96.46	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	969438	90.48	ng	0.00
78) Terphenyl-d14	14.63	244	1098042	101.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	67971m	37.03	ng	
3) Pyridine	2.59	79	205016m	38.17	ng	
4) n-Nitrosodimethylamine	2.51	42	94915m	41.24	ng	
6) Aniline	6.64	93	173468m	22.02	ng	
8) 2-Chlorophenol	6.79	128	208672	43.58	ng	# 82
9) Benzaldehyde	6.50	77	32312m	8.60	ng	
10) Phenol	6.65	94	260235	40.20	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	186708	39.35	ng	85
12) 1,3-Dichlorobenzene	6.97	146	215416	40.03	ng	# 95
13) 1,4-Dichlorobenzene	7.07	146	224150	40.47	ng	98
14) 1,2-Dichlorobenzene	7.26	146	212848	41.28	ng	98
15) Benzyl Alcohol	7.24	79	173741m	41.94	ng	
16) 2,2'-oxybis(1-Chloropropan	7.42	45	281016	38.71	ng	95
17) 2-Methylphenol	7.39	107	166693	43.26	ng	94
18) Hexachloroethane	7.67	117	78028	40.90	ng	93
19) n-Nitroso-di-n-propylamine	7.58	70	146774	38.94	ng	98
20) 3+4-Methylphenols	7.60	107	225729	43.97	ng	# 43
22) Acetophenone	7.56	105	289645	42.57	ng	# 88
24) Nitrobenzene	7.77	77	210276	40.49	ng	92
25) Isophorone	8.08	82	388141	39.96	ng	98
26) 2-Nitrophenol	8.17	139	98349	45.75	ng	93
27) 2,4-Dimethylphenol	8.24	122	190649	44.32	ng	95
28) bis(2-Chloroethoxy)methane	8.35	93	240700	40.20	ng	99
29) 2,4-Dichlorophenol	8.47	162	182036	47.59	ng	93
30) 1,2,4-Trichlorobenzene	8.56	180	172942	41.16	ng	98
31) Naphthalene	8.65	128	588170	40.99	ng	99
32) Benzoic acid	8.38	122	116179m	43.76	ng	
33) 4-Chloroaniline	8.74	127	137063	22.58	ng	# 89
34) Hexachlorobutadiene	8.81	225	98036	40.52	ng	97
35) Caprolactam	9.18	113	56240m	45.47	ng	
36) 4-Chloro-3-methylphenol	9.36	107	189269	47.11	ng	99
37) 2-Methylnaphthalene	9.52	142	419736	42.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	163120	38.80	ng	99
40) Hexachlorocyclopentadiene	9.70	237	115398	54.59	ng	95

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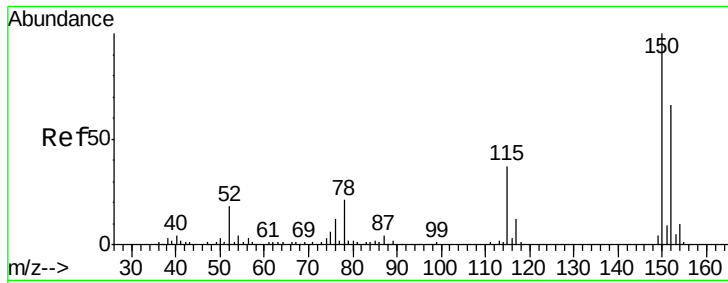
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	120408	41.66	nq	99
43) 2,4,5-Trichlorophenol	9.92	196	123804	42.37	nq	# 84
45) 1,1'-Biphenyl	10.10	154	491306	41.40	nq	98
46) 2-Chloronaphthalene	10.11	162	382530	41.33	nq	96
47) 2-Nitroaniline	10.25	65	113268	42.23	nq	88
48) Acenaphthylene	10.63	152	641137	42.19	nq	99
49) Dimethylphthalate	10.49	163	446427	40.75	nq	99
50) 2,6-Dinitrotoluene	10.56	165	98323	45.48	nq	# 47
51) Acenaphthene	10.83	154	356325	39.32	nq	99
52) 3-Nitroaniline	10.77	138	82191	30.43	nq	91
53) 2,4-Dinitrophenol	10.91	184	42386	57.48	nq	# 56
54) Dibenzofuran	11.05	168	554502	42.36	nq	98
55) 4-Nitrophenol	10.99	139	136658	63.93	nq	96
56) 2,4-Dinitrotoluene	11.06	165	132040	46.20	nq	# 91
57) Fluorene	11.47	166	447627	41.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	96484	40.41	nq	98
59) Diethylphthalate	11.37	149	458844	42.28	nq	96
60) 4-Chlorophenyl-phenylether	11.49	204	193129	40.52	nq	92
61) 4-Nitroaniline	11.52	138	106431	39.39	nq	97
62) Azobenzene	11.68	77	443320	41.45	nq	98
64) 4,6-Dinitro-2-methylphenol	11.57	198	43281	39.89	nq	70
65) n-Nitrosodiphenylamine	11.63	169	384075	41.24	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	125959	43.21	nq	95
67) Hexachlorobenzene	12.15	284	141859	42.58	nq	# 83
68) Atrazine	12.32	200	128634	47.50	nq	96
69) Pentachlorophenol	12.41	266	118524	62.45	nq	97
70) Phenanthrene	12.66	178	653511	41.77	nq	99
71) Anthracene	12.73	178	675402	44.00	nq	99
72) Carbazole	12.94	167	629367	43.02	nq	100
73) Di-n-butylphthalate	13.39	149	759414	43.29	nq	98
74) Fluoranthene	14.14	202	685799	42.07	nq	96
76) Benzidine	14.32	184	318969	45.52	nq	97
77) Pyrene	14.41	202	693857	46.31	nq	99
79) Butylbenzylphthalate	15.25	149	313501	47.86	nq	# 86
80) Benzo(a)anthracene	15.91	228	610975	42.91	nq	99
81) 3,3'-Dichlorobenzidine	15.90	252	175980	34.70	nq	99
82) Chrysene	15.95	228	591352	43.18	nq	99
83) Bis(2-ethylhexyl)phthalate	15.98	149	451703	45.53	nq	# 98
84) Di-n-octyl phthalate	16.79	149	758178	43.39	nq	96
85) Indeno(1,2,3-cd)pyrene	19.05	276	724024	41.49	nq	99
87) Benzo(b)fluoranthene	17.23	252	659086	46.36	nq	100
88) Benzo(k)fluoranthene	17.27	252	555122m	40.33	nq	
89) Benzo(a)pyrene	17.63	252	596855	45.59	nq	98
90) Dibenzo(a,h)anthracene	19.07	278	590671	42.45	nq	100
91) Benzo(g,h,i)perylene	19.44	276	601155	43.11	nq	# 95

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



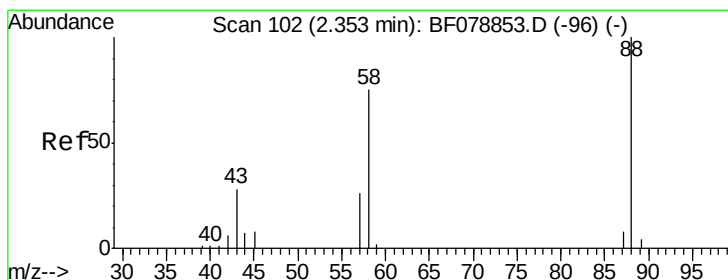
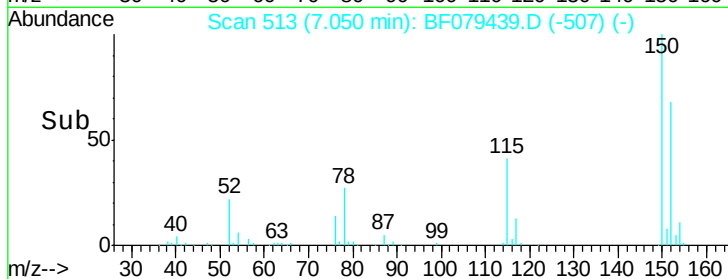
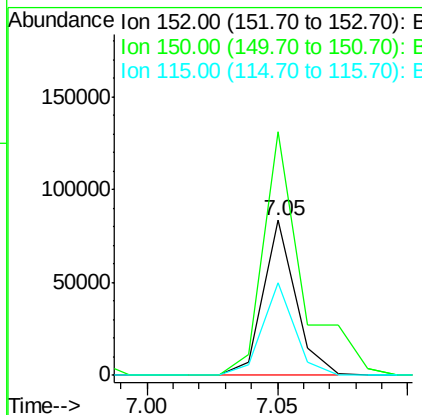
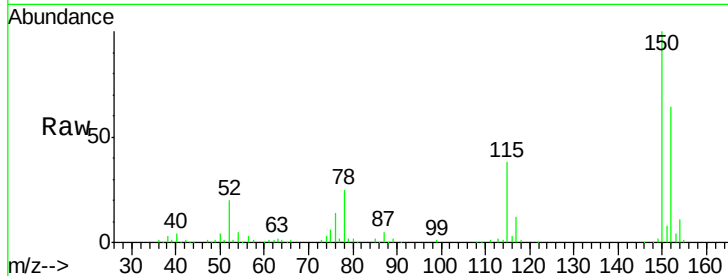
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion:	152	Resp:	72664
Ion Ratio	Lower	Upper	
152	100		
150	157.3	123.8	185.8
115	60.1	49.4	74.0

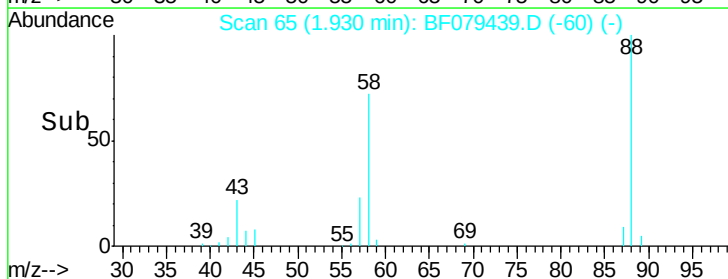
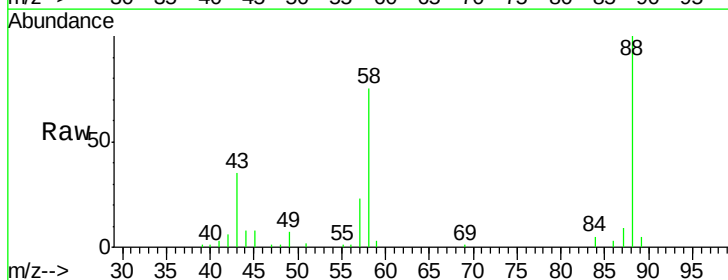
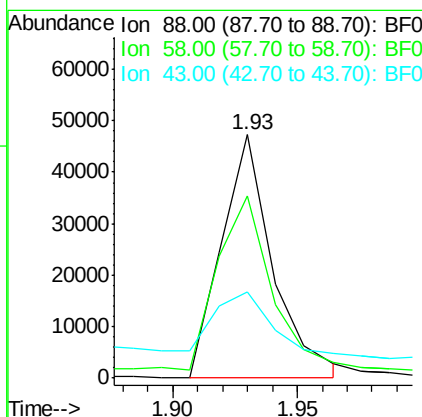
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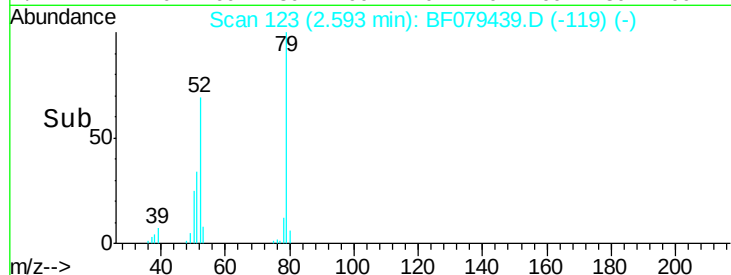
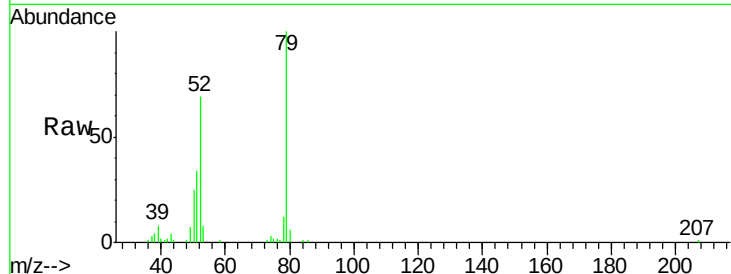
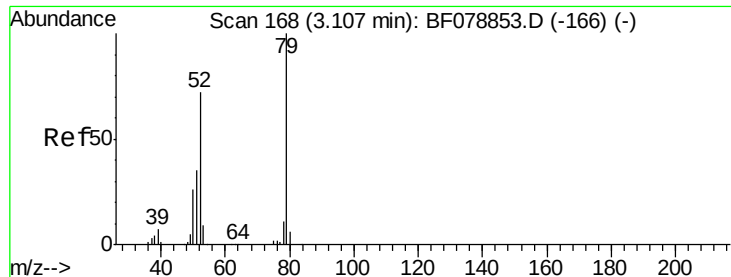
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#2
 1,4-Dioxane
 Concen: 37.03 ng m
 RT: 1.93 min Scan# 65
 Delta R.T. 0.03 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:	88	Resp:	67971
Ion Ratio	Lower	Upper	
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#





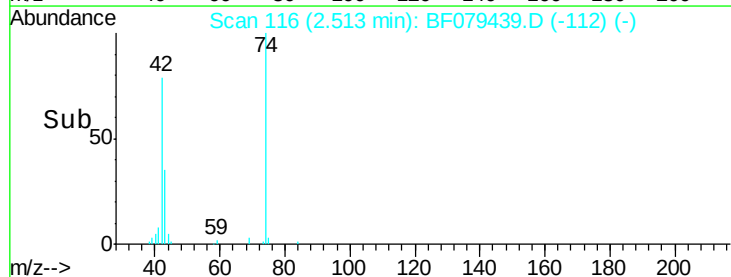
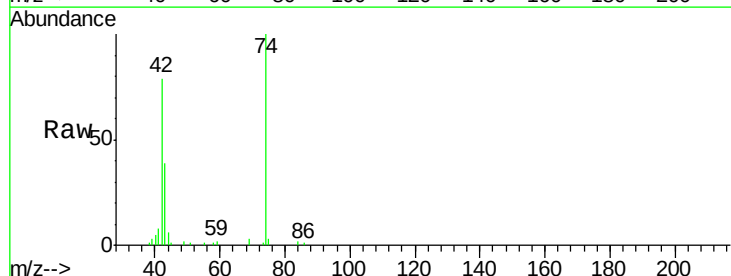
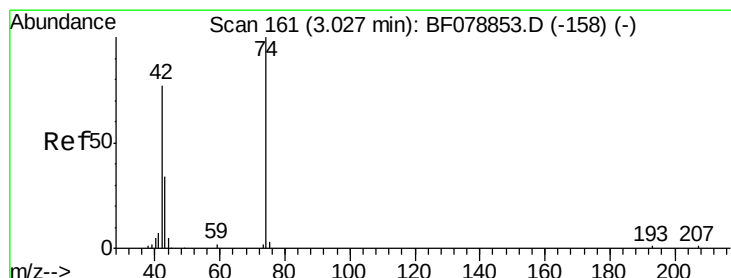
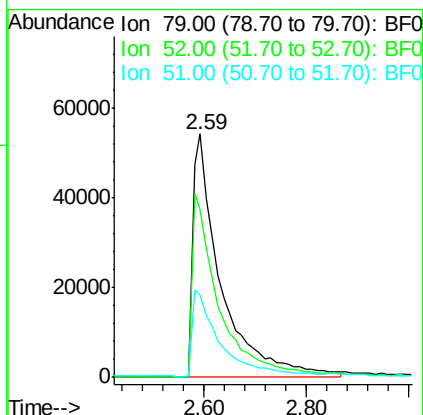
#3
 Pvridine
 Concen: 38.17 ng m
 RT: 2.59 min Scan# 123
 Delta R.T. 0.02 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tot Ion:	79	Resp:	205016
Ion Ratio	Lower	Upper	
79	100		
52	68.9	57.6	86.4
51	33.9	28.7	43.1

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

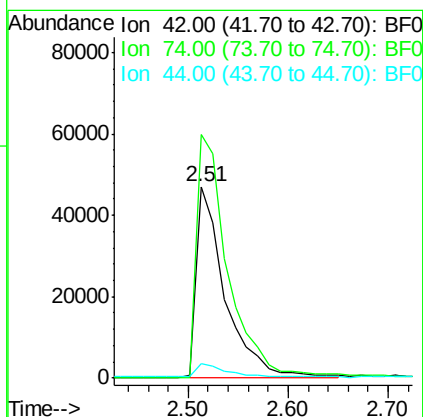
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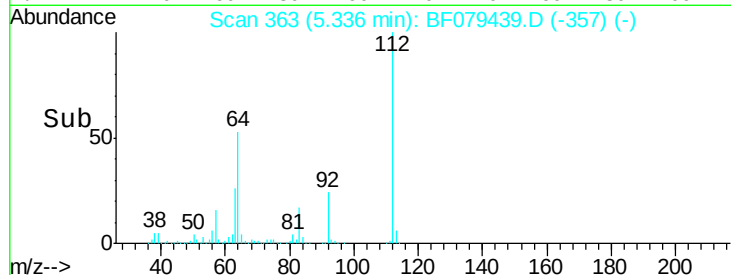
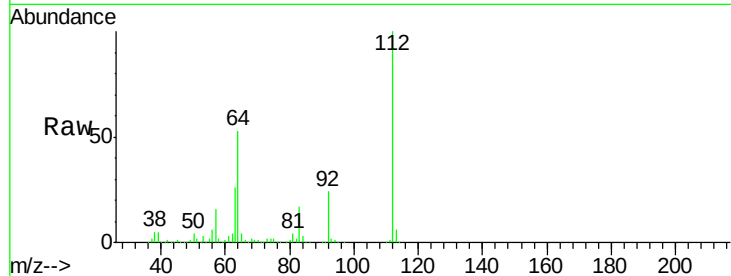
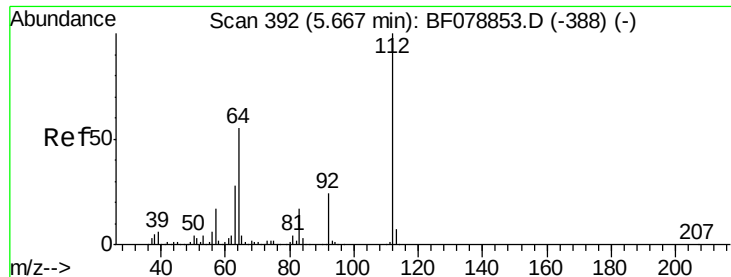
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#4
 n-Nitrosodimethylamine
 Concen: 41.24 ng m
 RT: 2.51 min Scan# 116
 Delta R.T. 0.02 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:	42	Resp:	94915
Ion Ratio	Lower	Upper	
42	100		
74	127.3	104.4	156.6
44	7.4	6.2	9.2





#5

2-Fluorophenol

Concen: 92.91 ng/mL

RT: 5.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

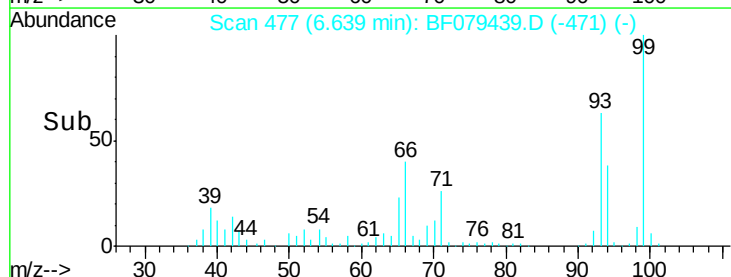
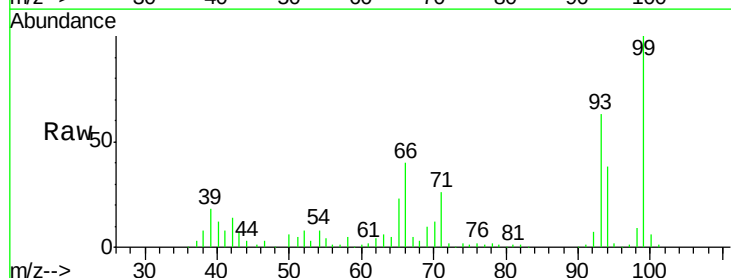
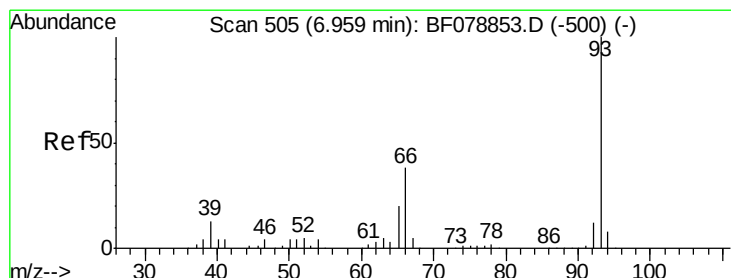
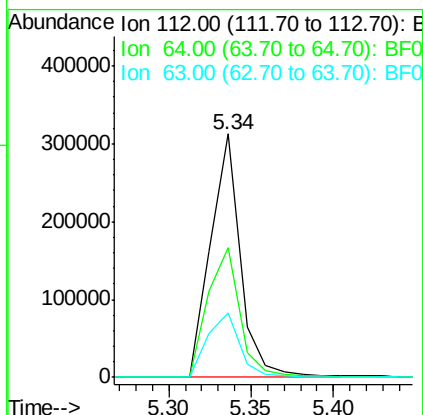
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	392215		
64	53.1		44.2	66.2
63	26.5		22.7	34.1

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#6

Aniline

Concen: 22.02 ng/mL

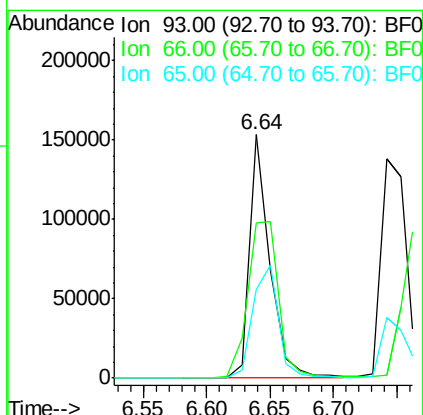
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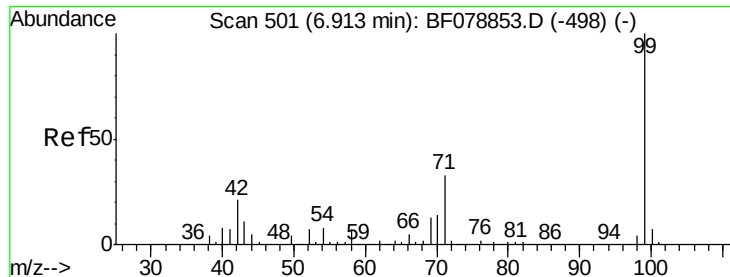
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Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173468		
66	64.0		30.7	46.1#
65	36.4		15.8	23.8#





#7

Phenol-d6

Concen: 89.02 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

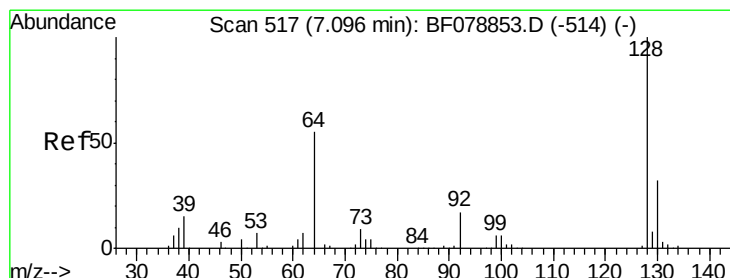
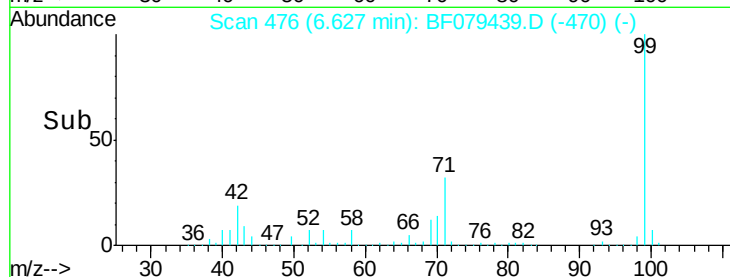
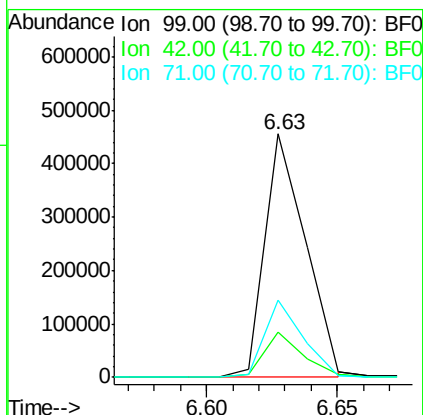
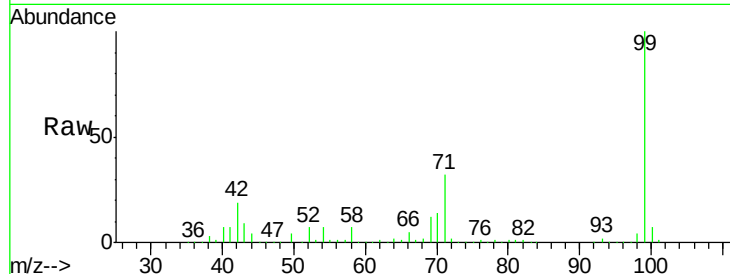
ClientSampleId :

PB83558BSD

Tot Ion:	99	Resp:	496725
Ion Ratio	Lower	Upper	
99	100		
42	18.6	17.1	25.7
71	31.9	26.3	39.5

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#8

2-Chlorophenol

Concen: 43.58 ng

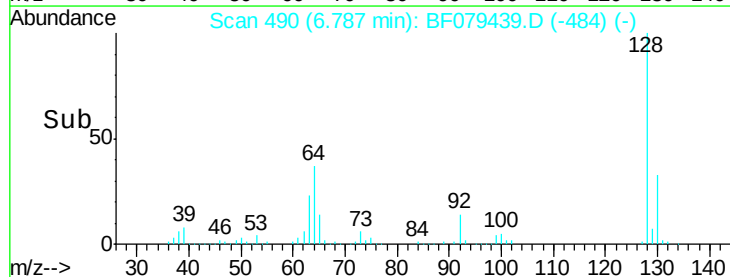
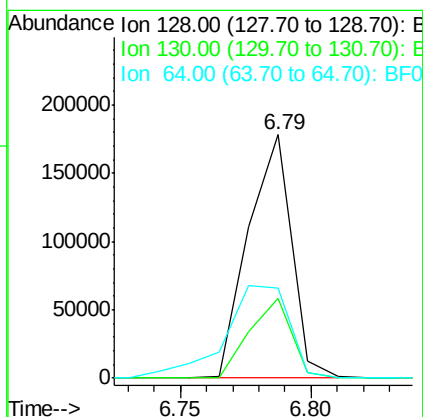
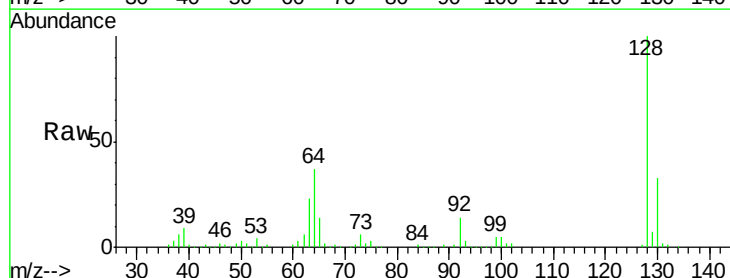
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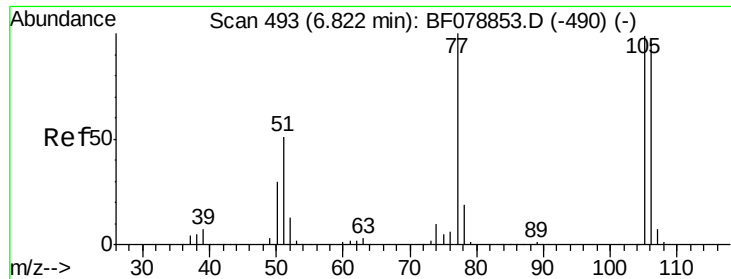
Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	128	Resp:	208672
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.4	52.4
64	37.1	37.8	77.8





#9

Benzaldehyde

Concen: 8.60 ng/mL

RT: 6.50 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

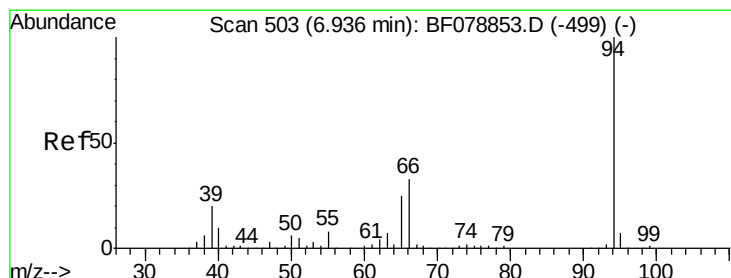
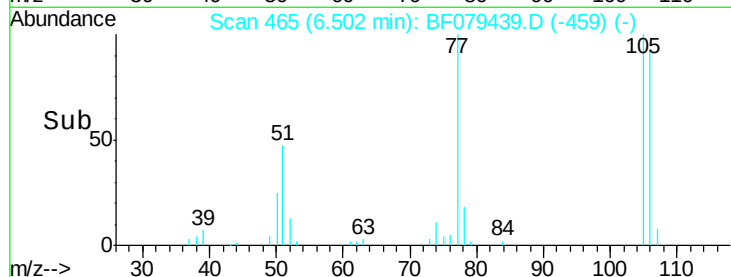
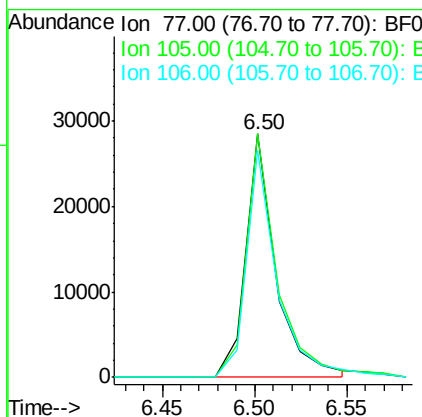
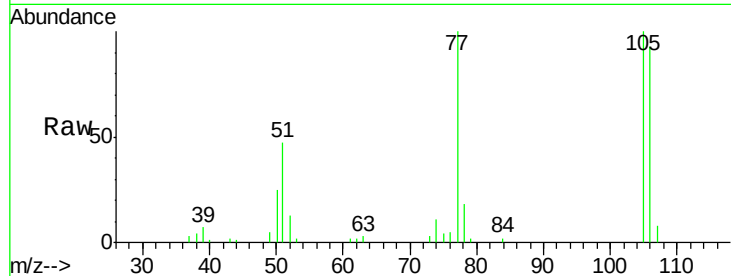
ClientSampleId :

PB83558BSD

Tot Ion:	77	Resp:	32312
Ion	Ratio	Lower	Upper
77	100		
105	100.0	78.9	118.9
106	93.3	75.8	115.8

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#10

Phenol

Concen: 40.20 ng/mL

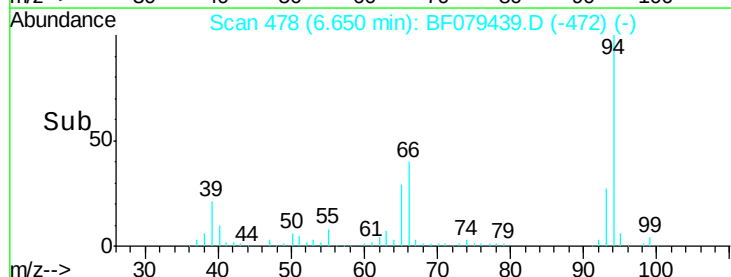
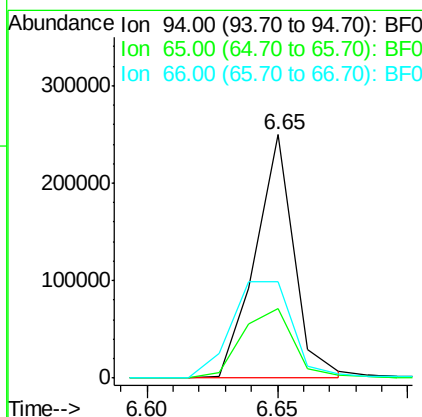
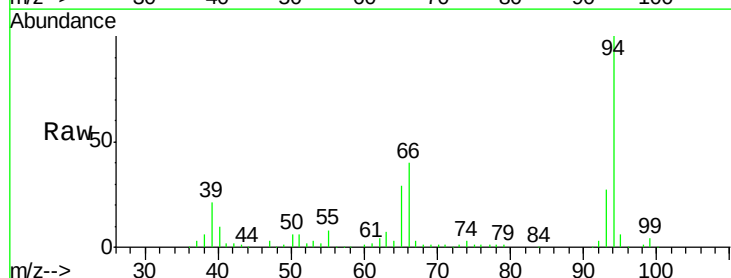
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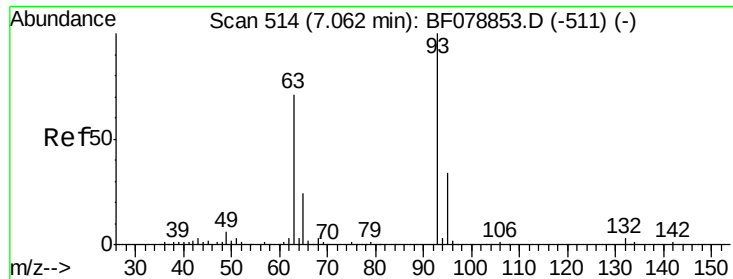
Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	94	Resp:	260235
Ion	Ratio	Lower	Upper
94	100		
65	28.7	5.1	45.1
66	39.5	13.1	53.1





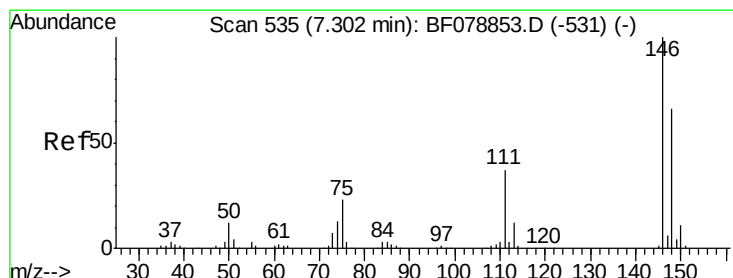
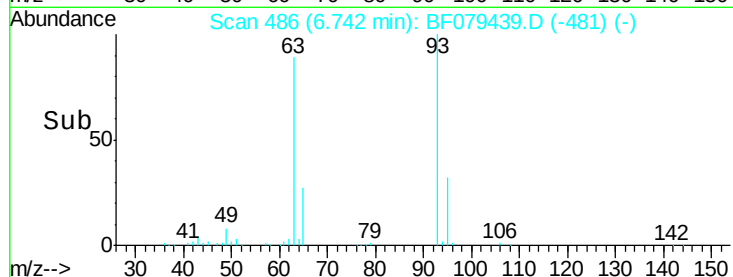
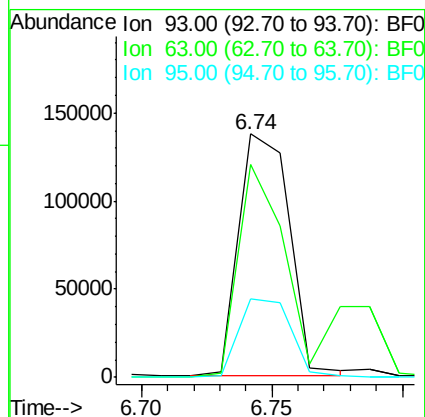
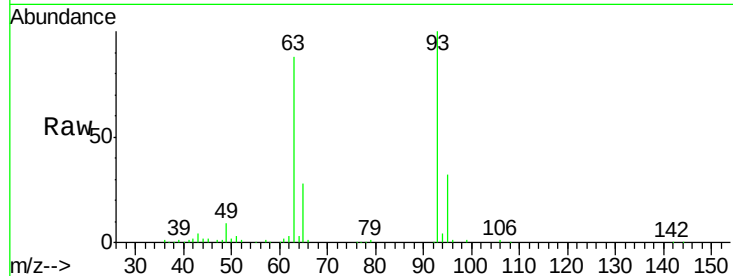
#11
bis(2-Chloroethyl)ether
Concen: 39.35 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	93	Resp	186708
Ion Ratio	Lower	Upper	
93	100		
63	87.6	50.8	90.8
95	32.0	13.9	53.9

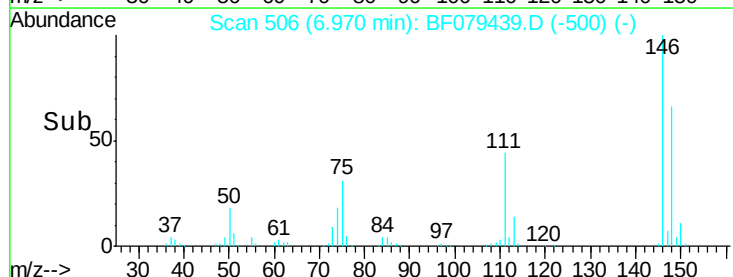
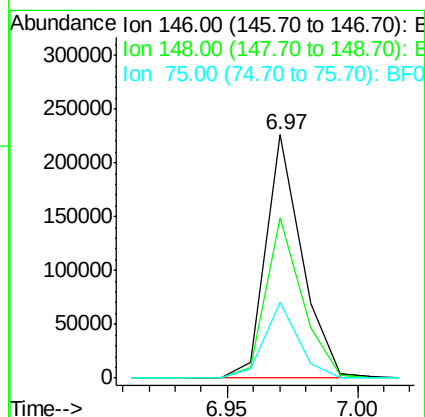
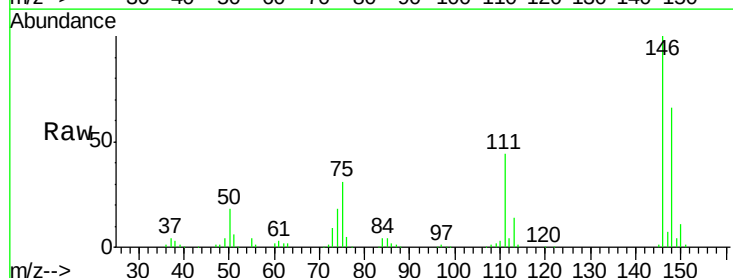
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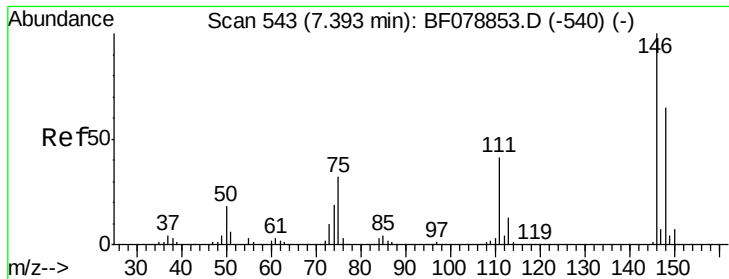
apatel
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#12
1,3-Dichlorobenzene
Concen: 40.03 ng
RT: 6.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	146	Resp	215416
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.4	78.6
75	31.4	18.6	27.8#





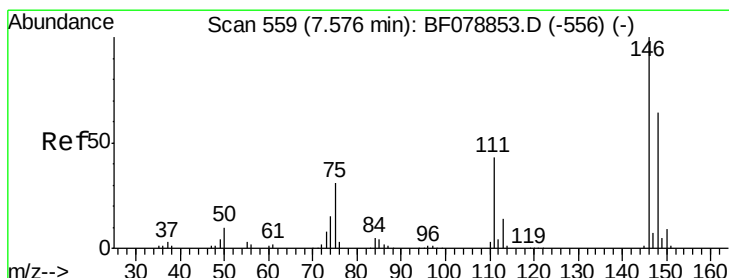
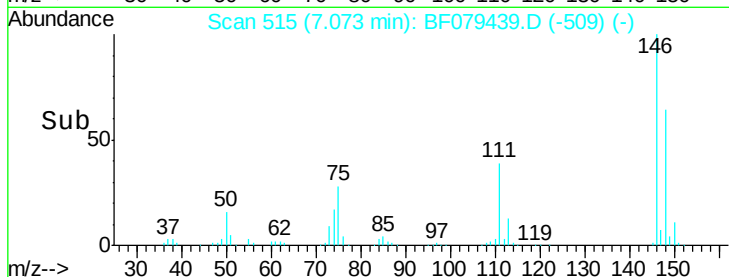
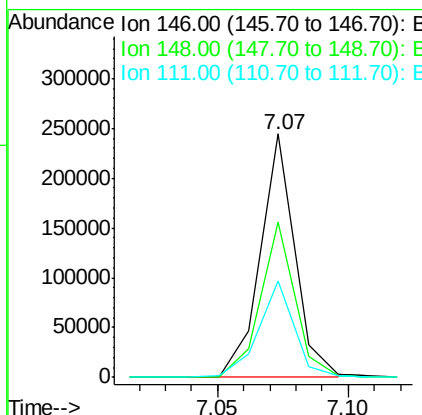
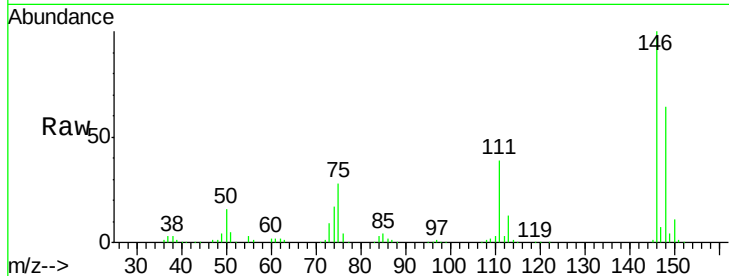
#13
 1,4-Dichlorobenzene
 Concen: 40.47 ng
 RT: 7.07 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	39.4	32.8	49.2

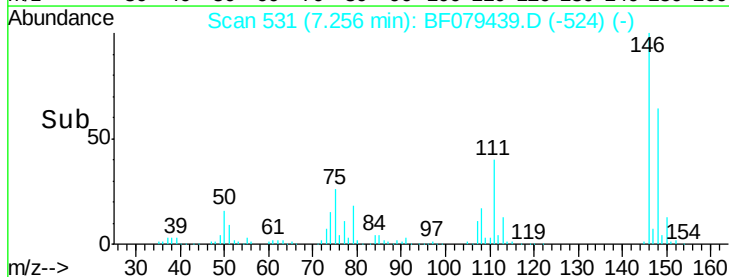
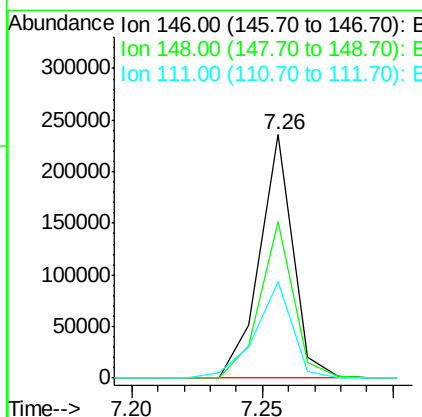
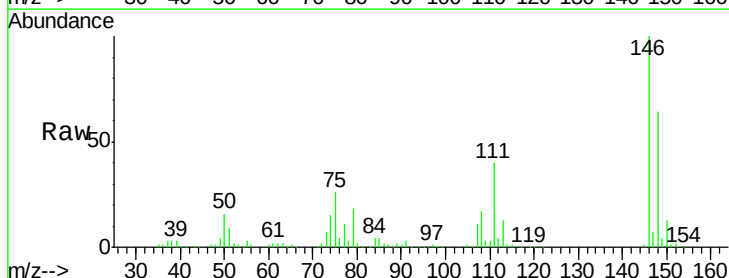
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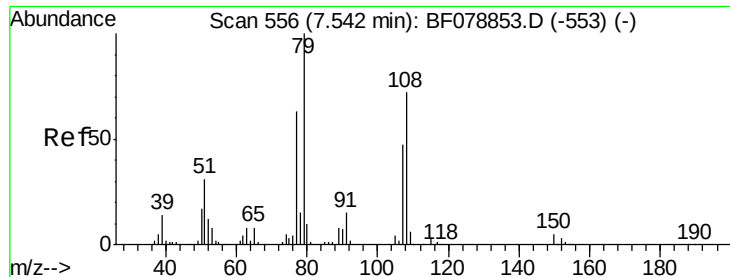
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 41.28 ng
 RT: 7.26 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	39.6	34.6	52.0





#15

Benzyl Alcohol

Concen: 41.94 ng/mL

RT: 7.24 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleID :

PB83558BSD

Tot Ion: 79 Resp: 173741

Ion Ratio Lower Upper

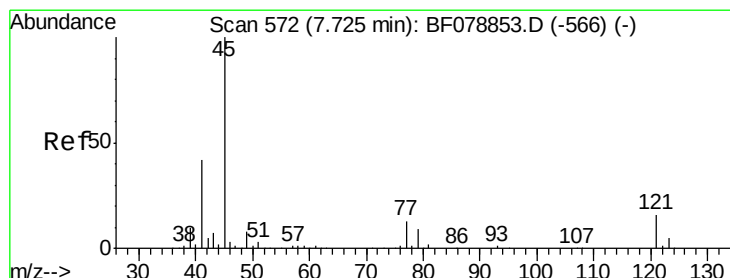
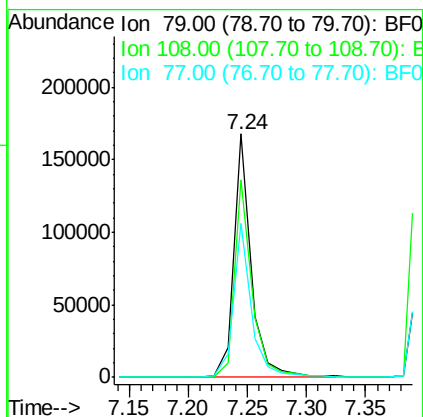
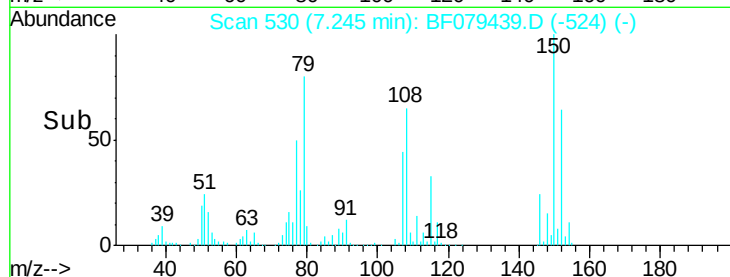
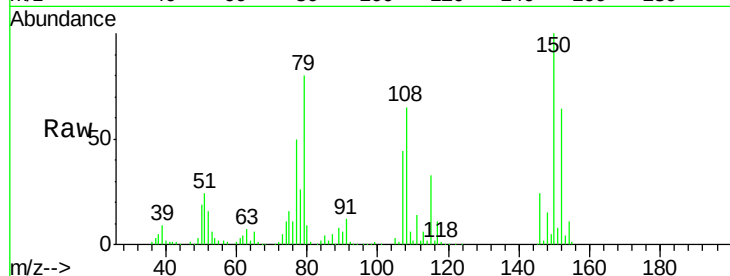
79 100

108 81.3 57.4 86.2

77 63.4 50.2 75.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.71 ng/mL

RT: 7.42 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

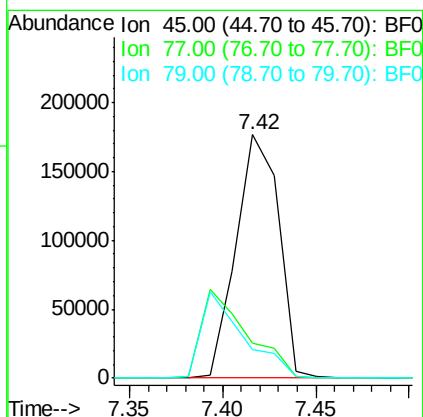
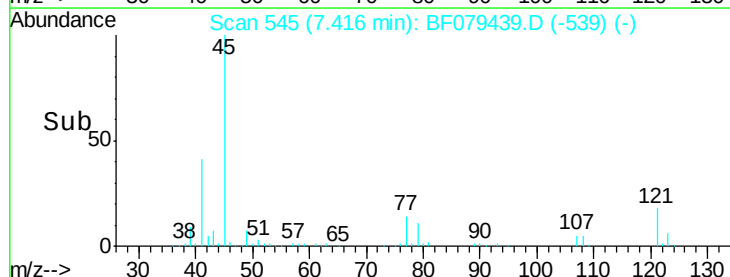
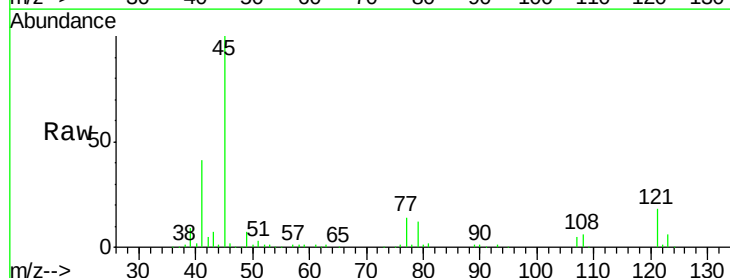
Tgt Ion: 45 Resp: 281016

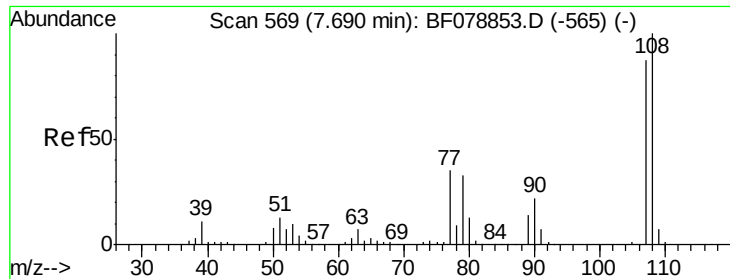
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.6

79 11.5 0.0 29.3





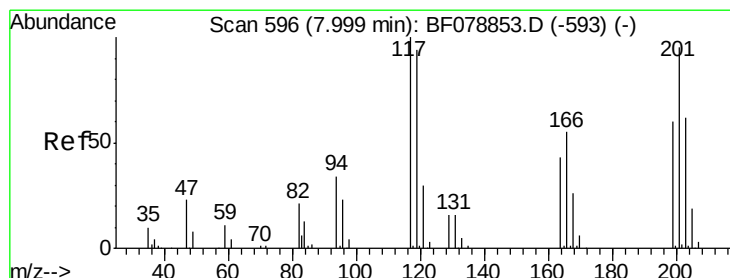
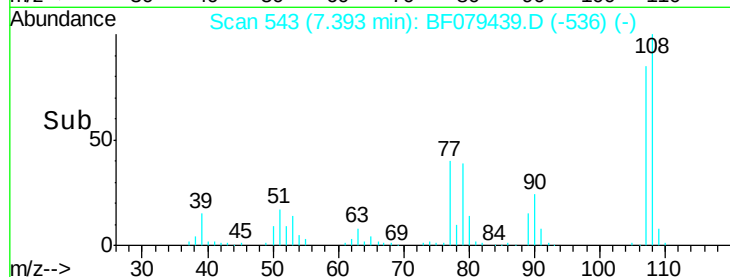
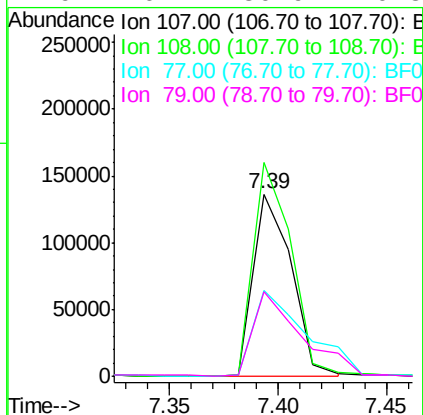
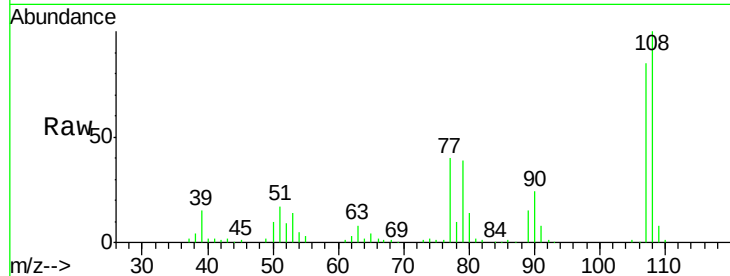
#17
2-Methylphenol
Concen: 43.26 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	107	Resp	166693
Ion Ratio	Lower	Upper	
107	100		
108	117.4	92.4	138.6
77	47.0	32.6	49.0
79	46.1	30.9	46.3

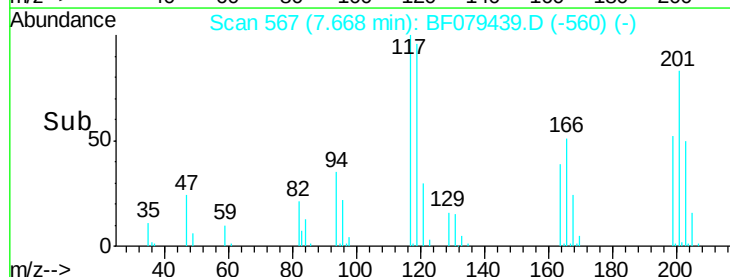
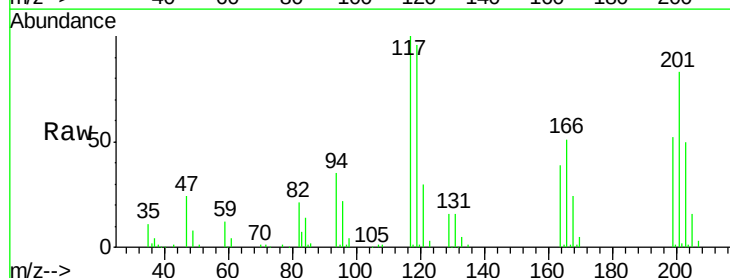
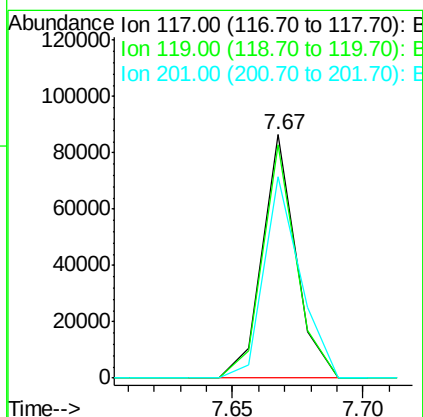
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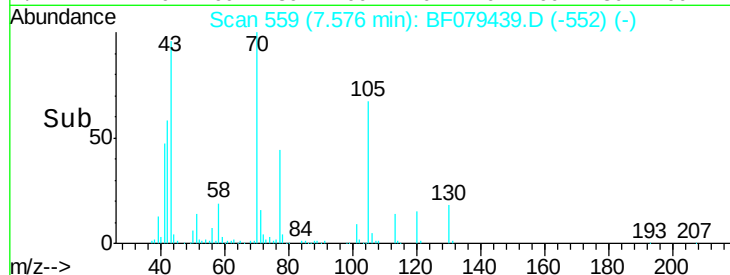
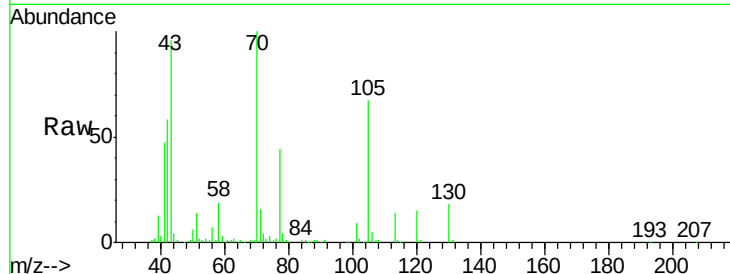
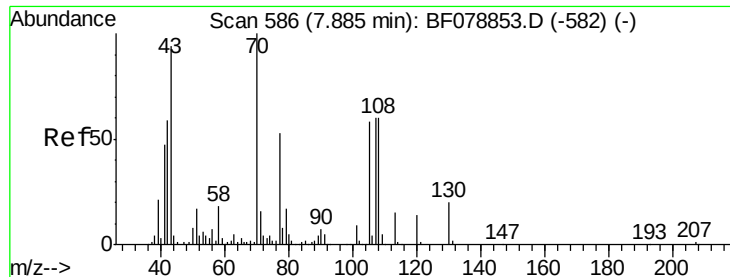
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#18
Hexachloroethane
Concen: 40.90 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	117	Resp	78028
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.2	112.8
201	82.6	75.8	113.8





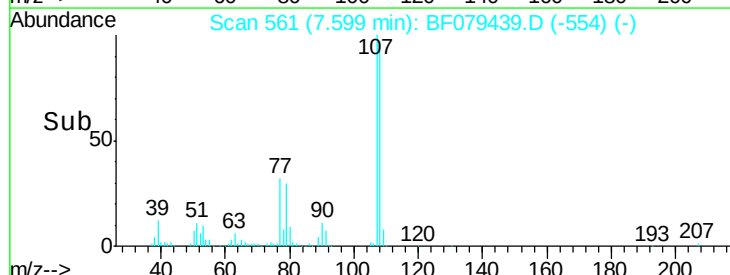
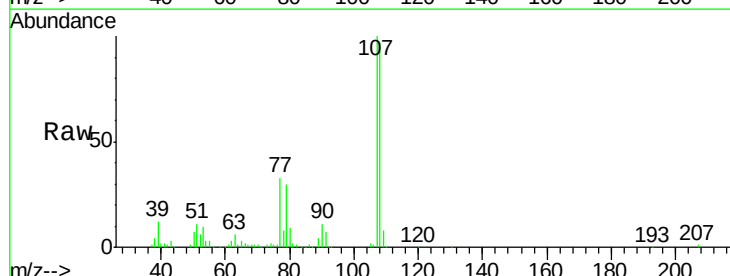
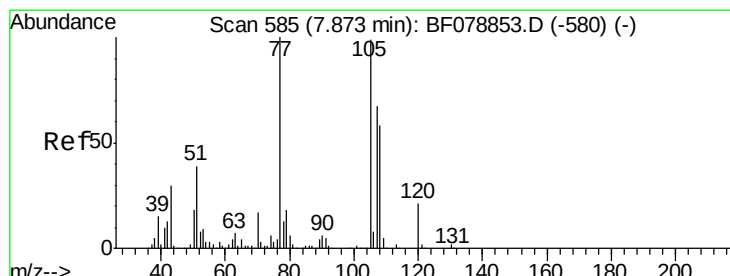
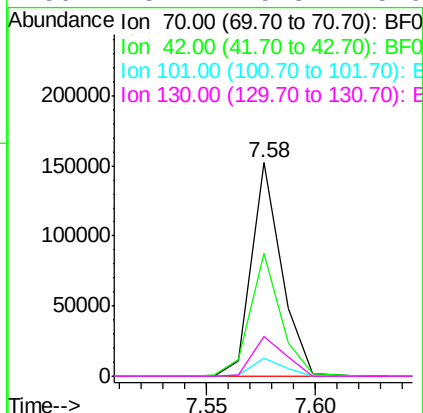
#19
n-Nitroso-di-n-propylamine
Concen: 38.94 ng
RT: 7.58 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

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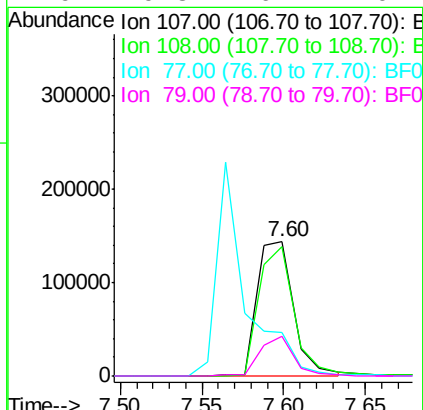
apatel
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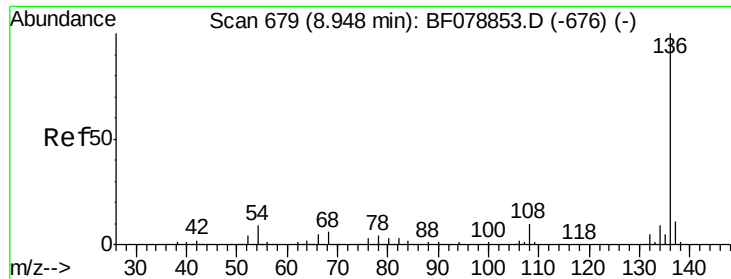
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	47.3	70.9	
101	8.7	7.5	11.3	
130	18.4	15.8	23.6	



#20
3+4-Methylphenols
Concen: 43.97 ng
RT: 7.60 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	97.1	66.5	106.5	
77	32.5	130.6	170.6	
79	29.8	6.4	46.4	





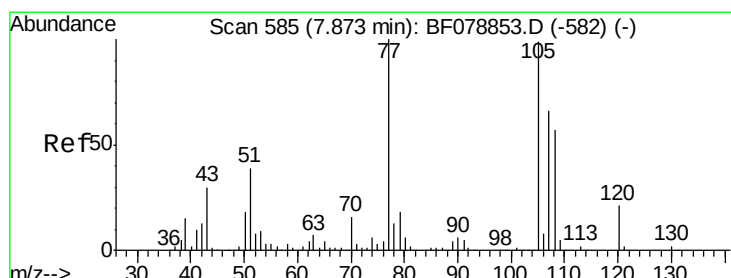
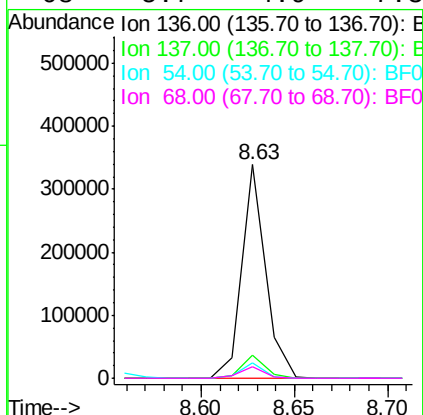
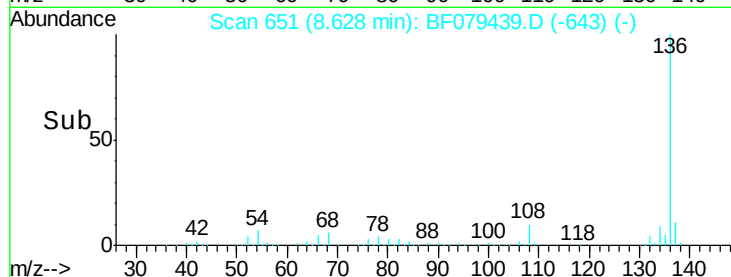
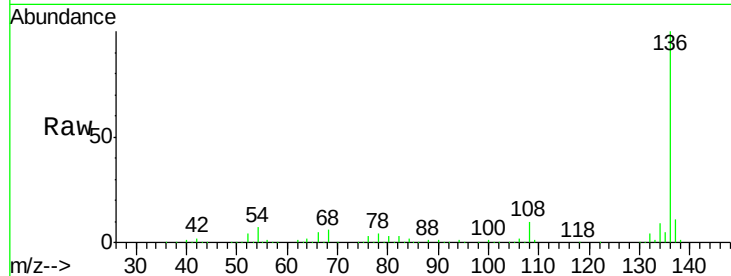
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	301127		
137	11.1	8.8	13.2	
54	7.4	6.9	10.3	
68	5.7	4.9	7.3	

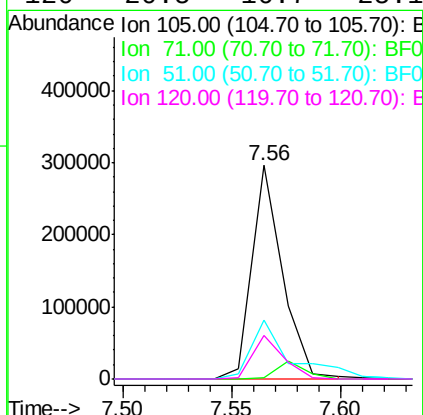
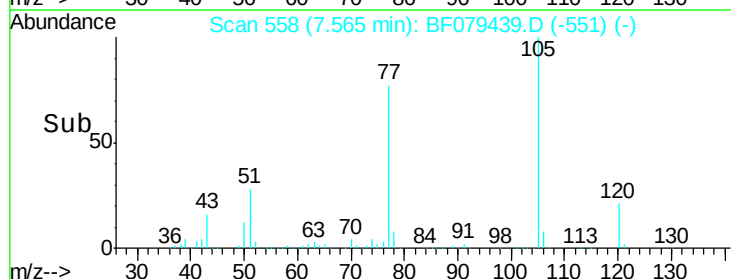
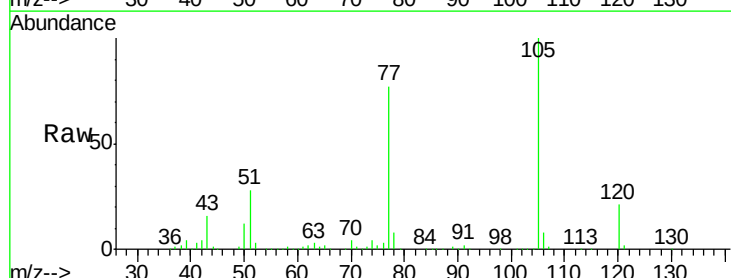
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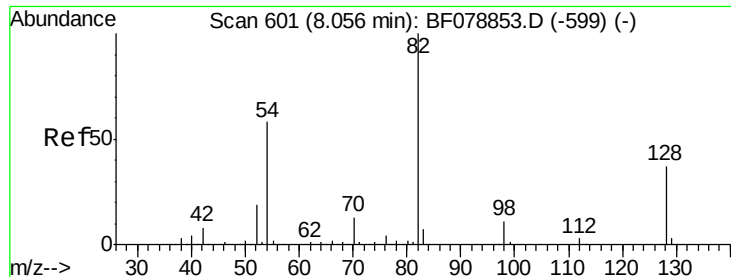
apatel
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#22
Acetophenone
Concen: 42.57 ng
RT: 7.56 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289645		
71	0.7	2.2	3.4#	
51	27.8	31.1	46.7#	
120	20.5	16.7	25.1	





#23

Nitrobenzene-d5

Concen: 92.59 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

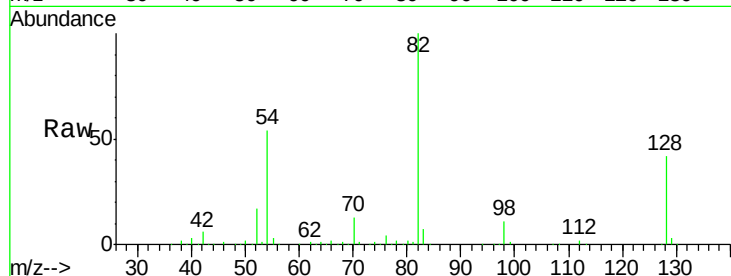
ClientSampleId :

PB83558BSD

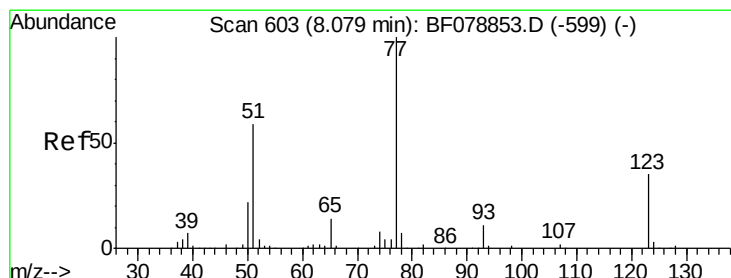
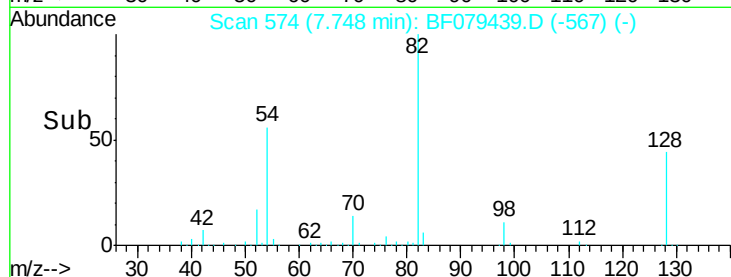
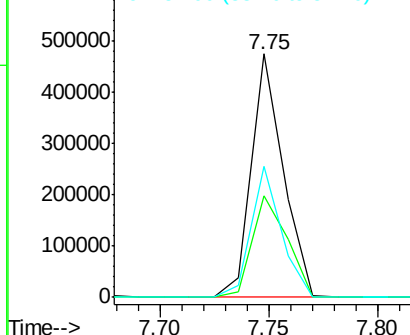
Tot Ion:	82	Resp:	485146
Ion Ratio	Lower	Upper	
82	100		
128	41.9	29.7	44.5
54	53.6	46.2	69.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.49 ng

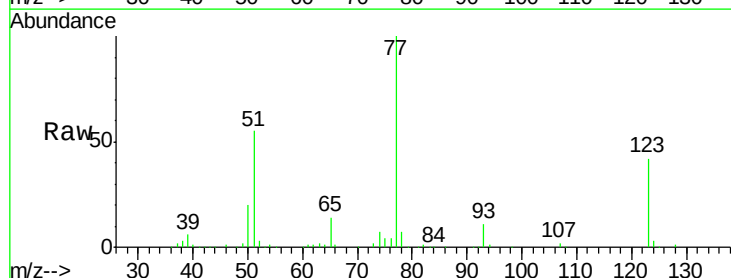
RT: 7.77 min Scan# 576

Delta R.T. 0.00 min

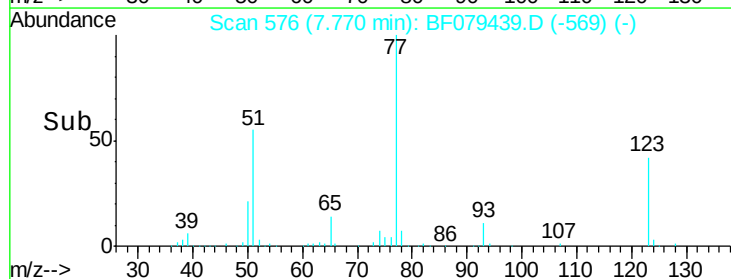
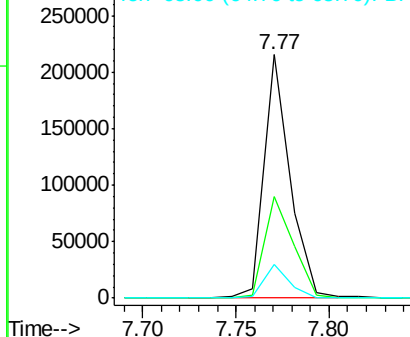
Lab File: BF079439.D

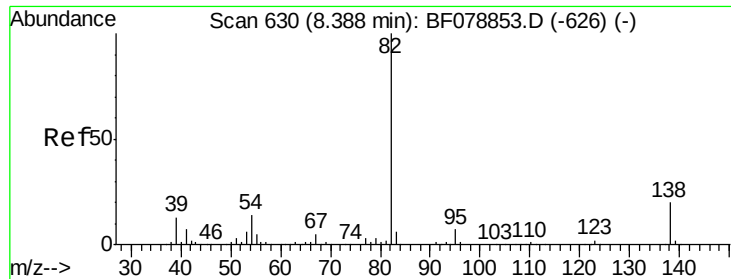
Acq: 22 May 2015 18:05

Tgt Ion:	77	Resp:	210276
Ion Ratio	Lower	Upper	
77	100		
123	41.9	28.3	42.5
65	13.7	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.96 ng

RT: 8.08 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

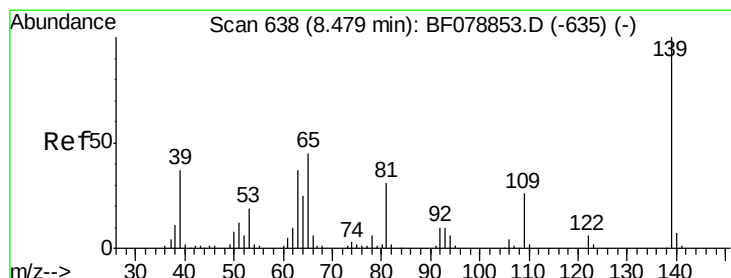
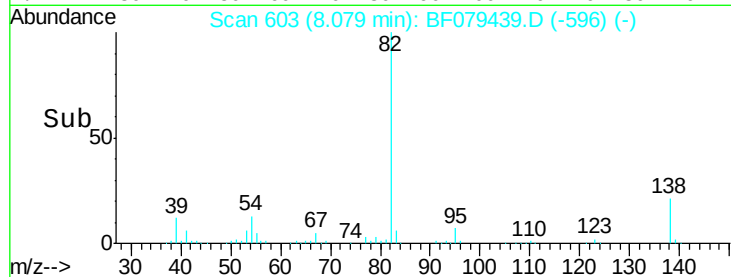
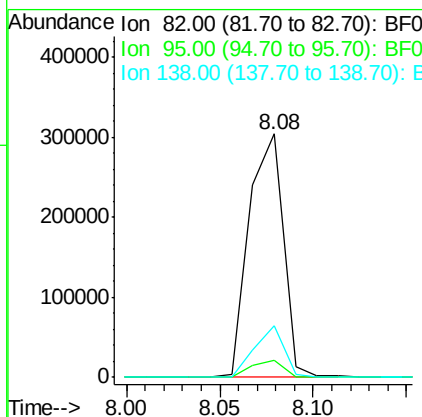
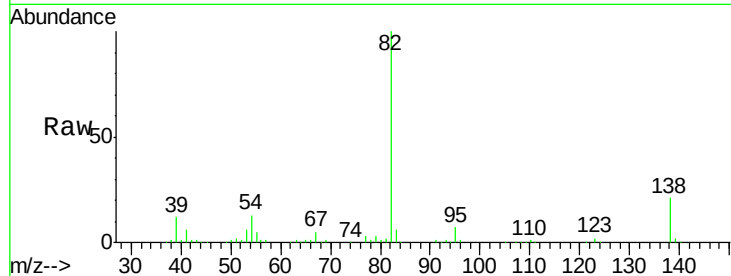
ClientSampleId :

PB83558BSD

Tot Ion:	82	Resp:	388141
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	21.1	16.1	24.1

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#26

2-Nitrophenol

Concen: 45.75 ng

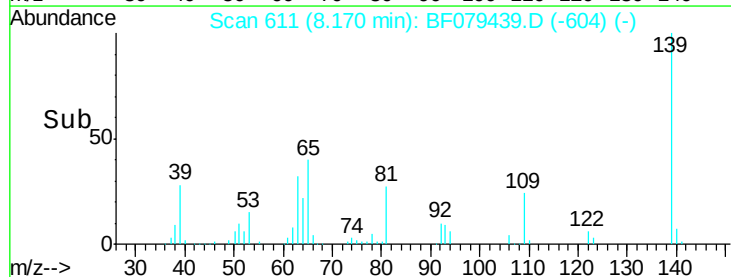
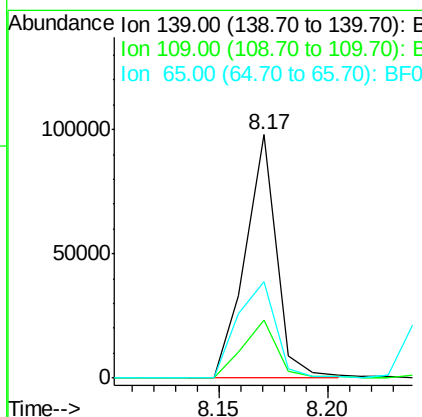
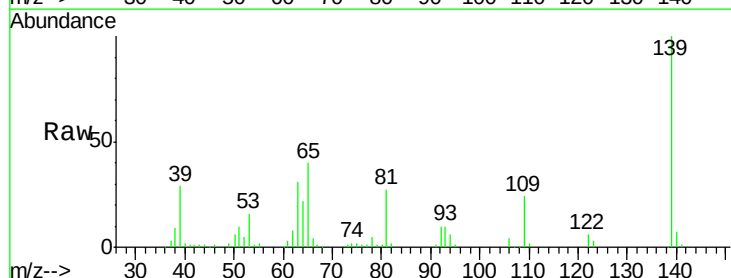
RT: 8.17 min Scan# 611

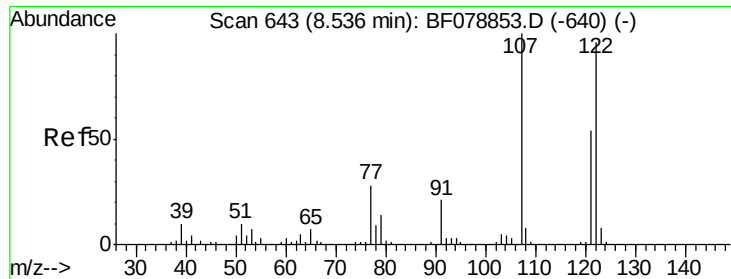
Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	139	Resp:	98349
Ion Ratio	Lower	Upper	
139	100		
109	24.0	20.9	31.3
65	39.6	35.8	53.8





#27

2,4-Dimethylphenol

Concen: 44.32 ng

RT: 8.24 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

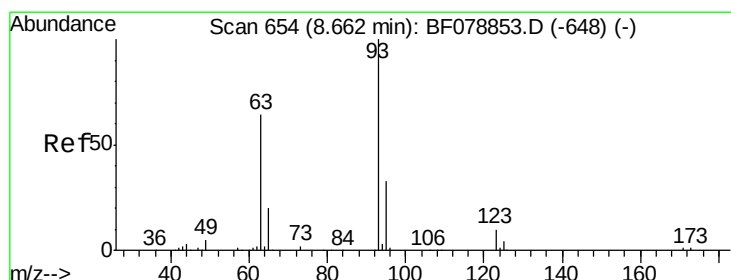
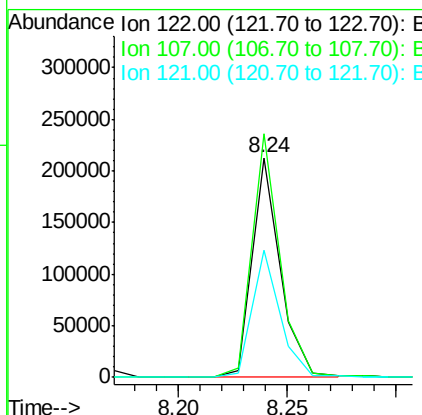
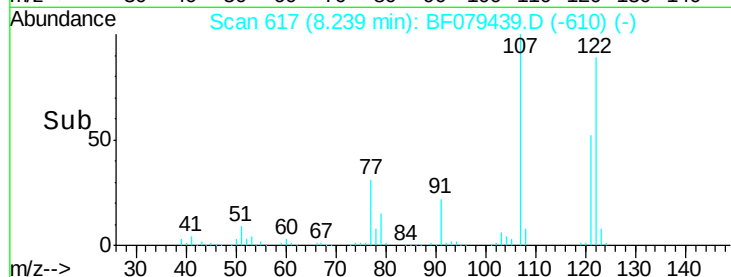
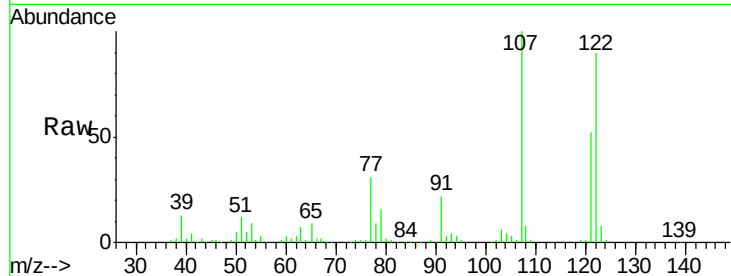
ClientSampleId :

PB83558BSD

Tot Ion:	122	Resp:	190649
Ion Ratio	Lower	Upper	
122	100		
107	111.0	83.6	125.4
121	57.7	44.9	67.3

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#28

bis(2-Chloroethoxy)methane

Concen: 40.20 ng

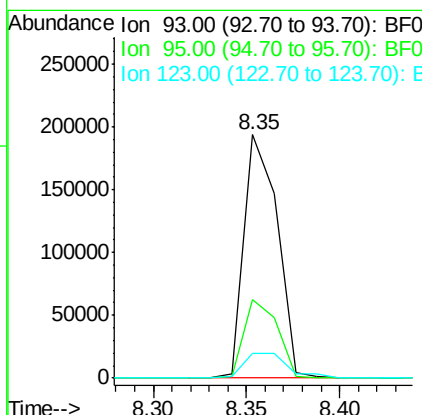
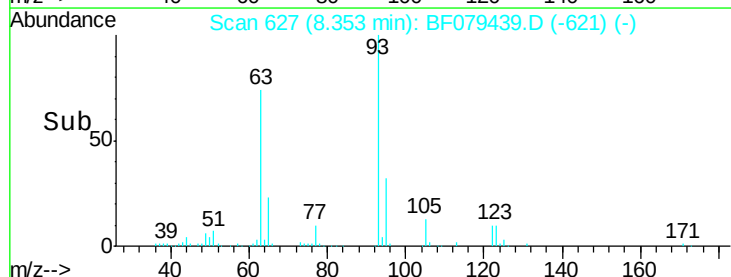
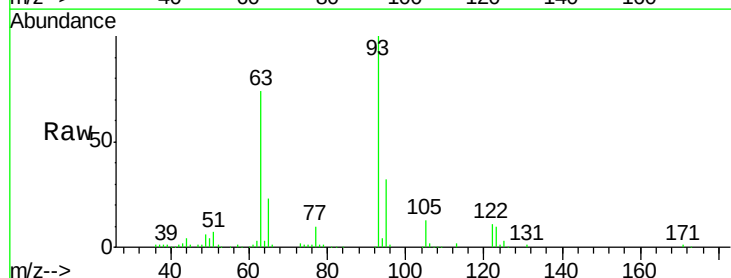
RT: 8.35 min Scan# 627

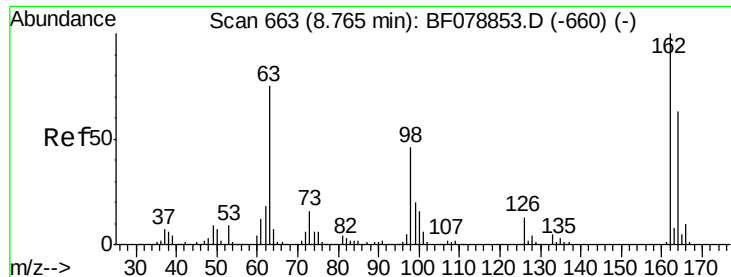
Delta R.T. -0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	93	Resp:	240700
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.2	39.2
123	10.3	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 47.59 ng

RT: 8.47 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

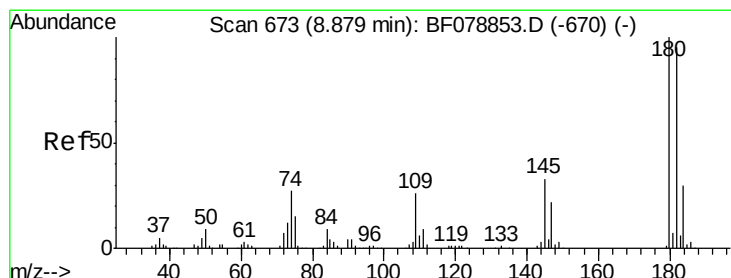
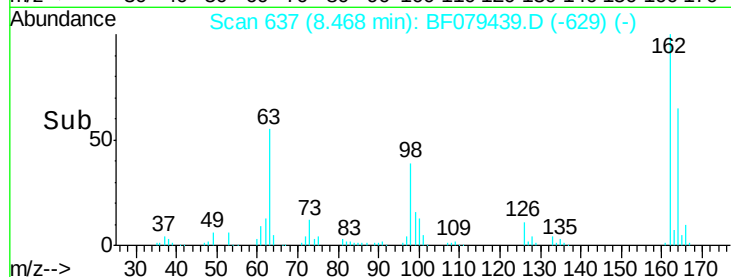
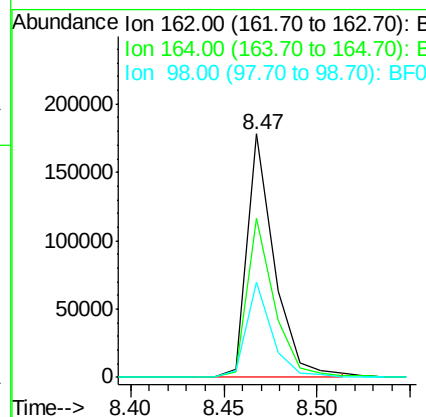
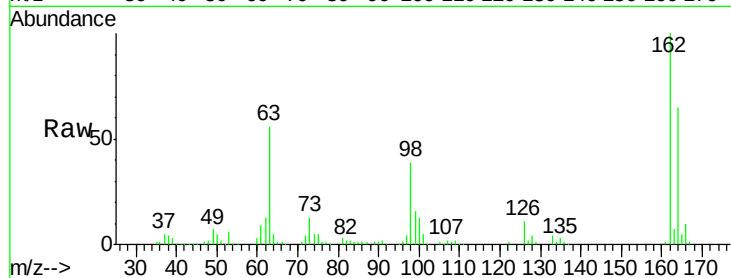
ClientSampleId :

PB83558BSD

Tot Ion:	162	Resp:	182036
Ion Ratio	Lower	Upper	
162	100		
164	65.3	42.7	82.7
98	39.0	26.3	66.3

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#30

1,2,4-Trichlorobenzene

Concen: 41.16 ng

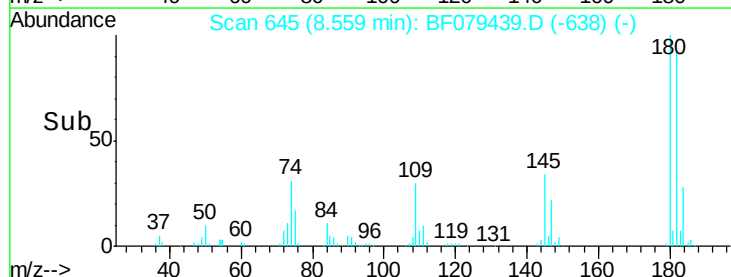
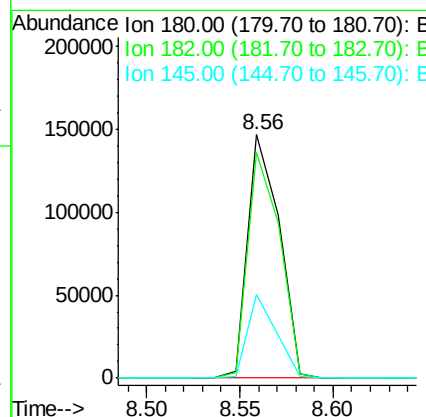
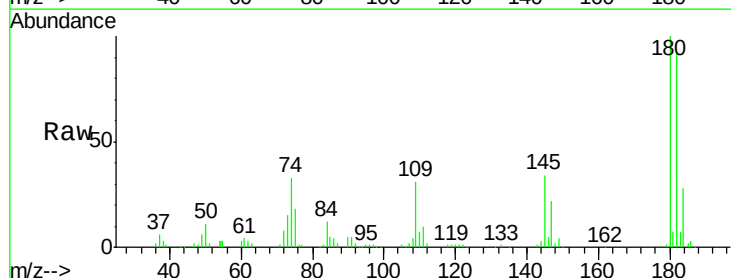
RT: 8.56 min Scan# 645

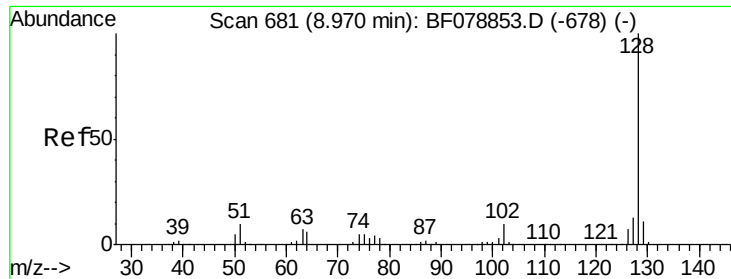
Delta R.T. -0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	180	Resp:	172942
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.7	113.5
145	34.2	26.2	39.4





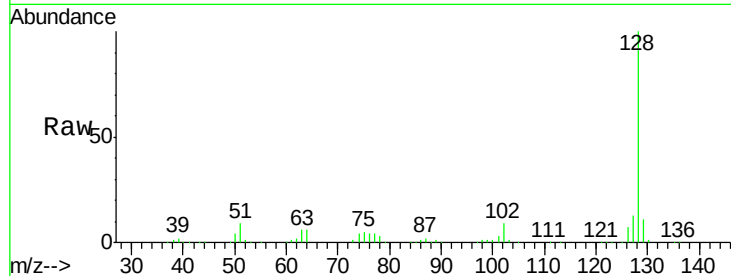
#31
Naphthalene
Concen: 40.99 ng
RT: 8.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

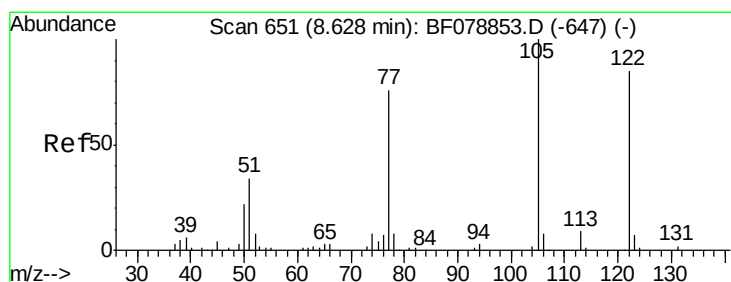
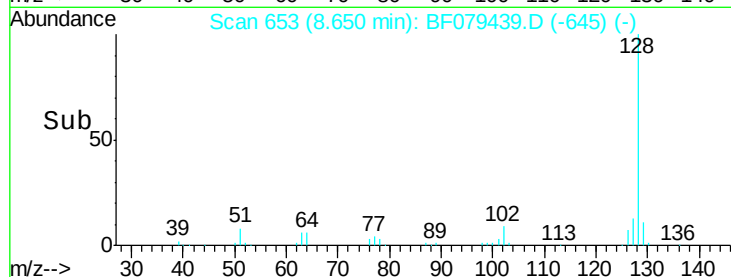
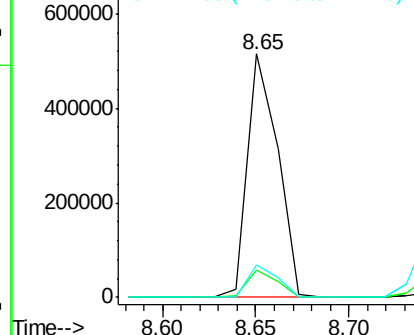
Tot Ion	Ratio	Resp	Lower	Upper
128	100	588170		
129	11.5	9.2	13.8	
127	13.3	10.3	15.5	

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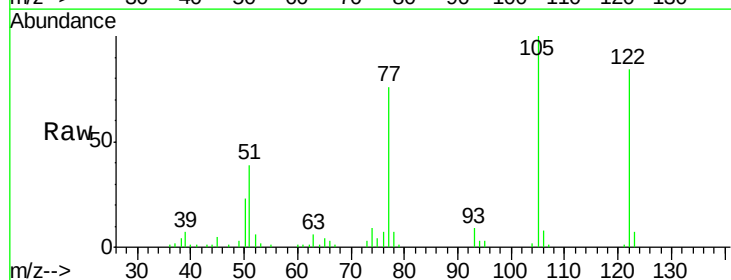


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

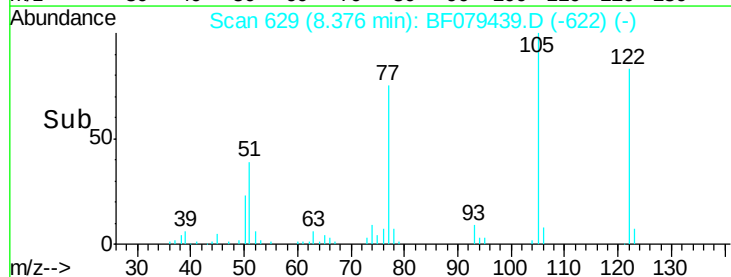
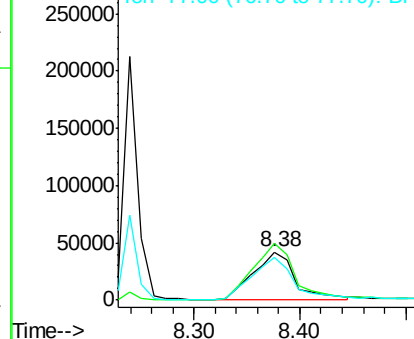


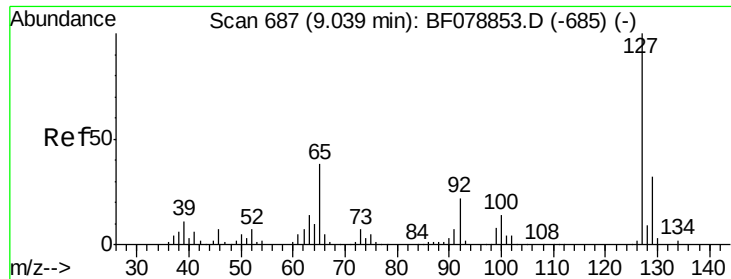
#32
Benzoic acid
Concen: 43.76 ng m
RT: 8.38 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	116179		
105	118.5	100.7	140.7	
77	90.0	72.0	112.0	



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





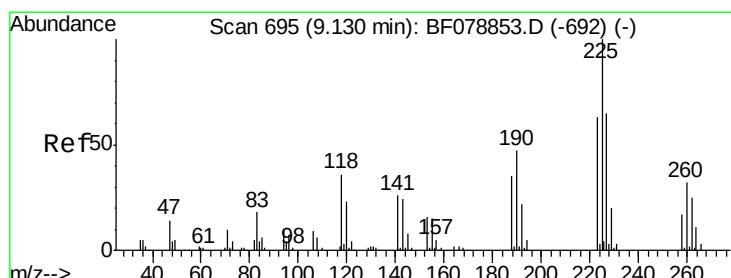
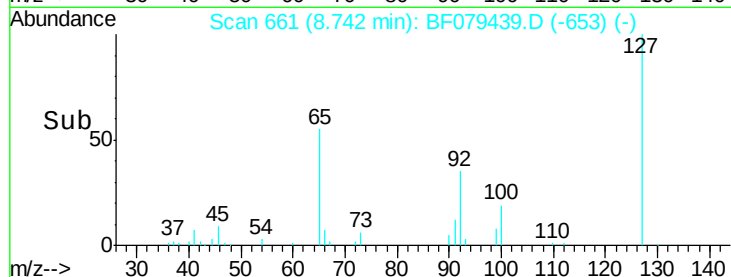
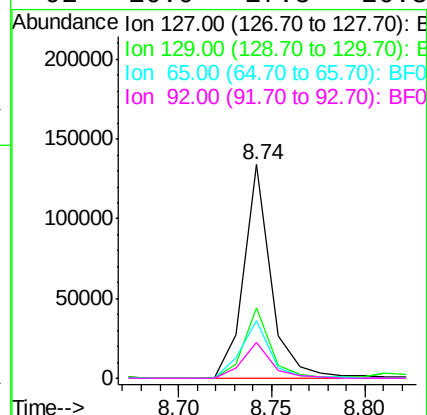
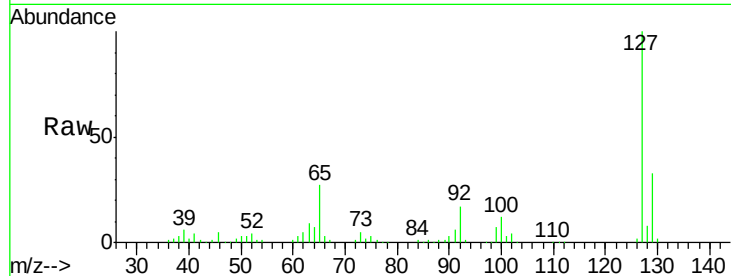
#33
4-Chloroaniline
Concen: 22.58 ng
RT: 8.74 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.6	38.4		
65	26.8	30.2	45.4		
92	16.9	17.5	26.3		

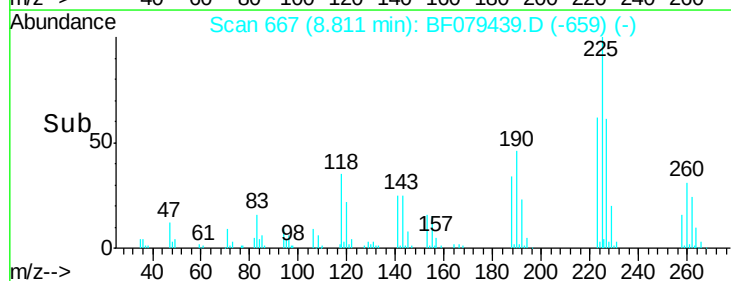
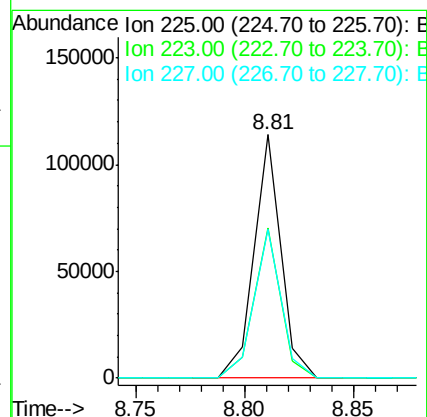
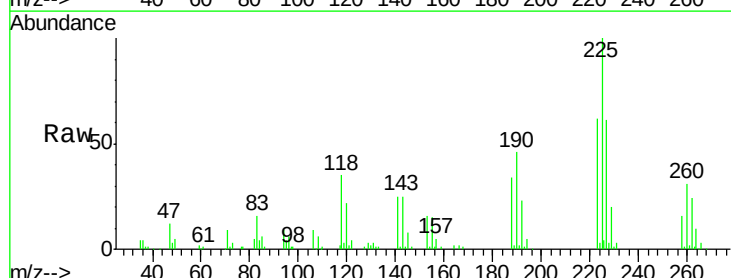
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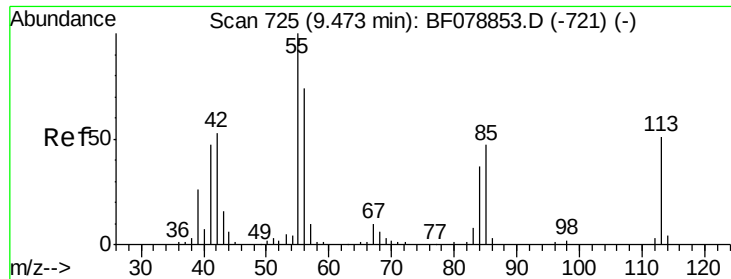
apatel
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#34
Hexachlorobutadiene
Concen: 40.52 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	50.6	75.8		
227	61.3	52.1	78.1		





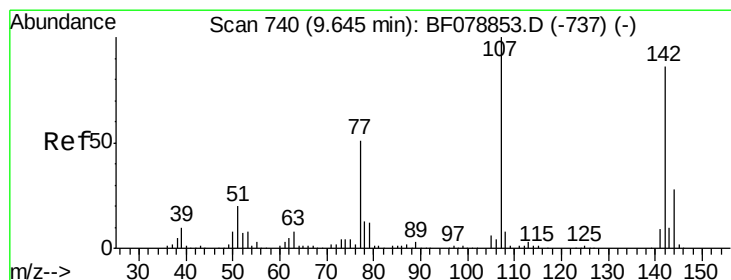
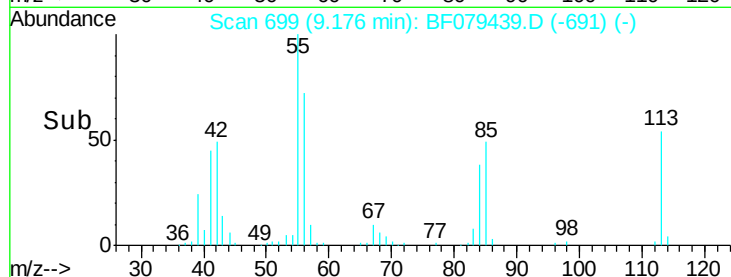
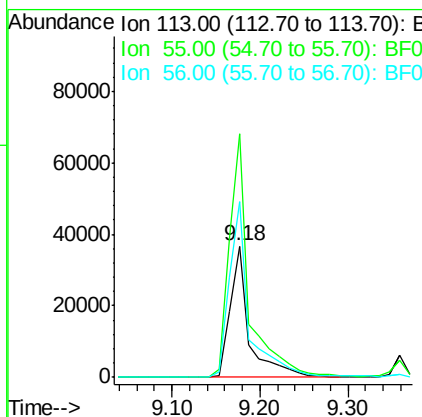
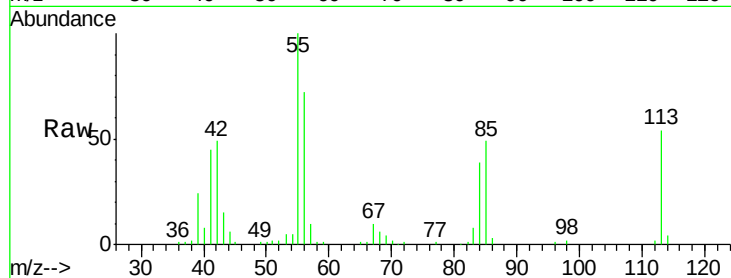
#35
Caprolactam
Concen: 45.47 ng/ml
RT: 9.18 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.6	176.0	216.0
56	133.7	123.8	163.8

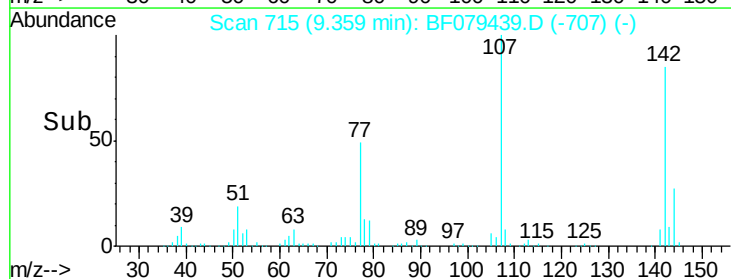
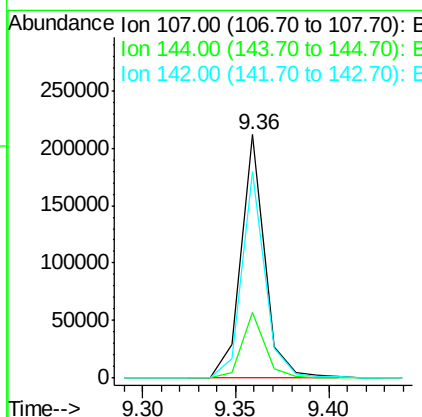
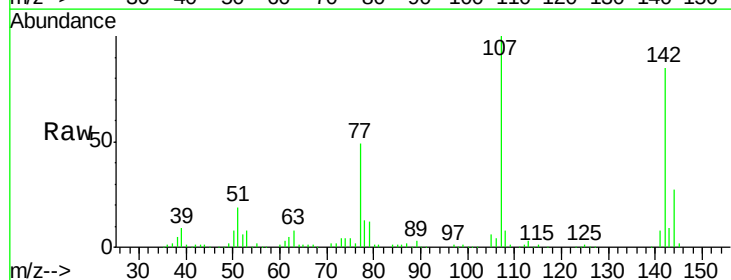
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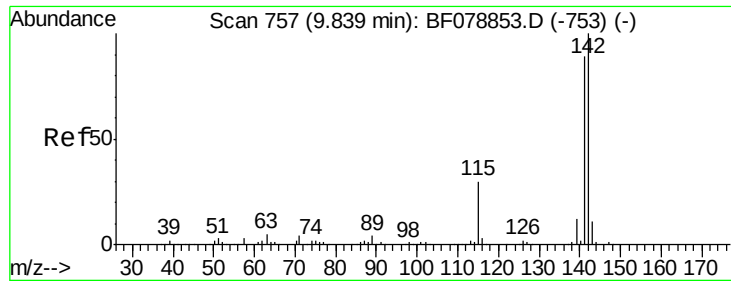
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#36
4-Chloro-3-methylphenol
Concen: 47.11 ng/ml
RT: 9.36 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	22.5	33.7
142	85.0	68.6	103.0





#37

2-Methylnaphthalene

Concen: 42.21 ng

RT: 9.52 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

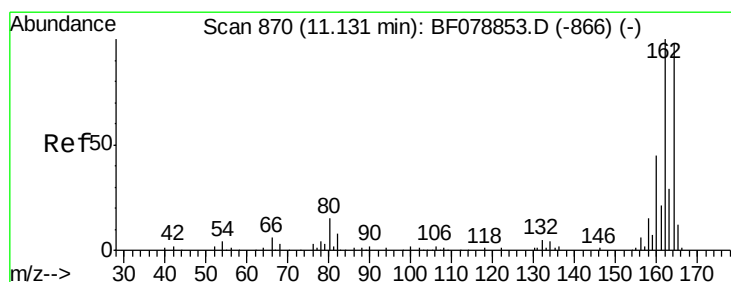
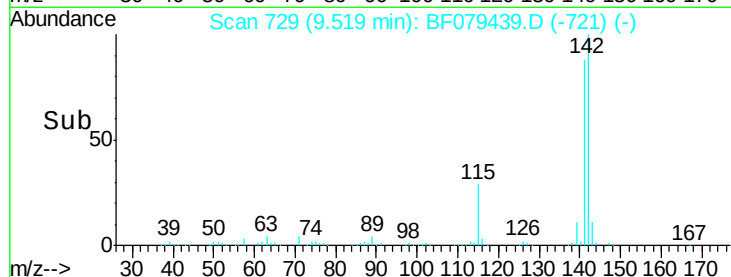
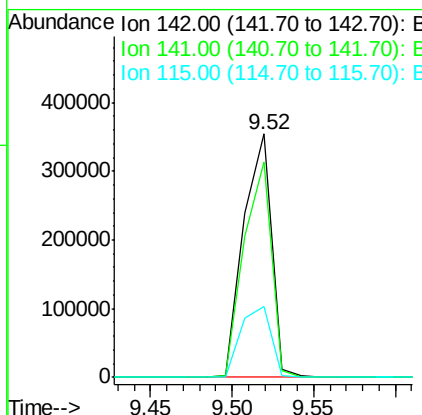
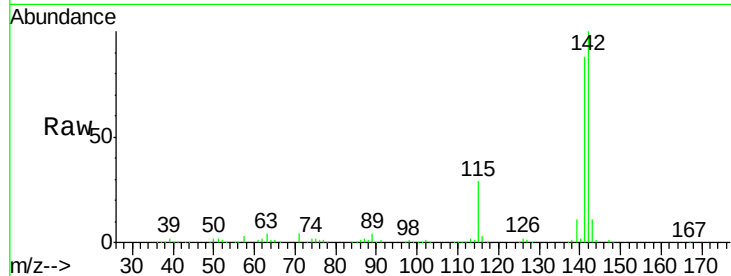
ClientSampleId :

PB83558BSD

Tot Ion:	142	Resp:	419736
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.6	107.4
115	29.3	24.2	36.4

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#38

Acenaphthene-d10

Concen: 20.00 ng

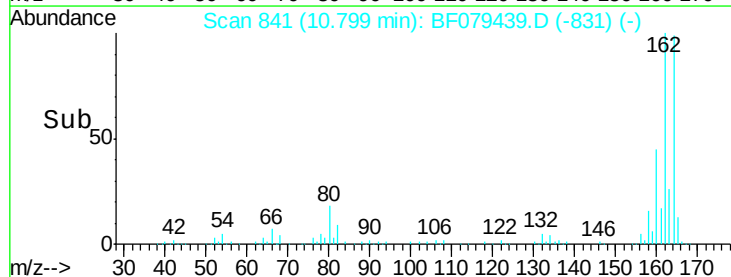
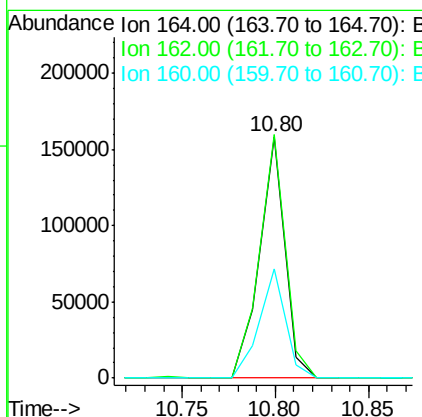
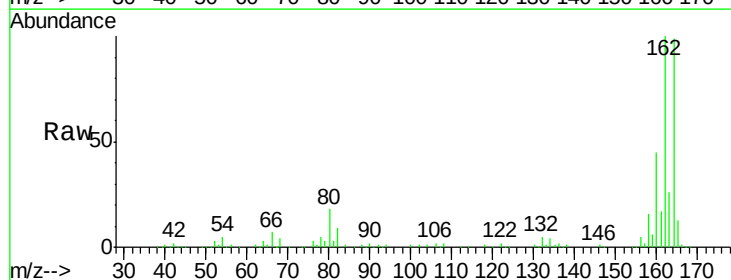
RT: 10.80 min Scan# 841

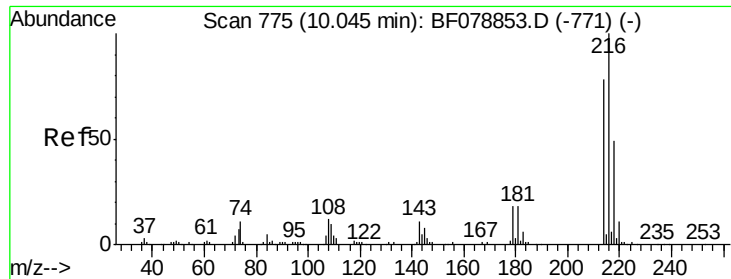
Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	164	Resp:	149272
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.4	122.0
160	45.1	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.80 ng

RT: 9.72 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

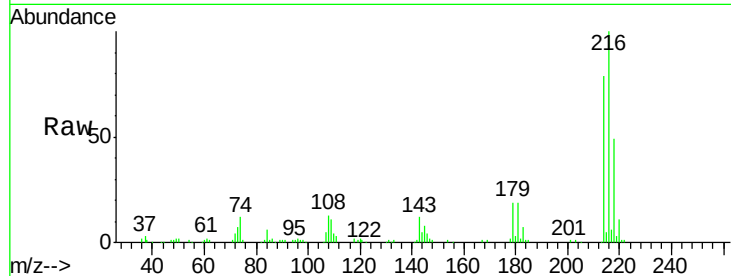
ClientSampleId :

PB83558BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		163120		
214	80.2		64.0	96.0	
179	22.2		17.0	25.4	
108	23.0		17.0	25.6	

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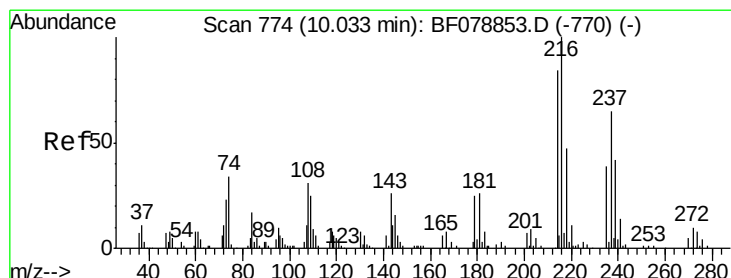
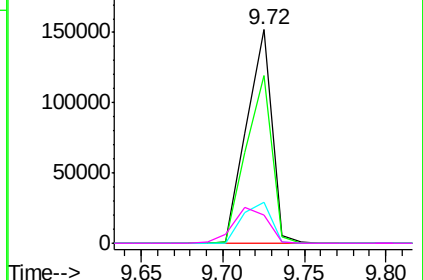
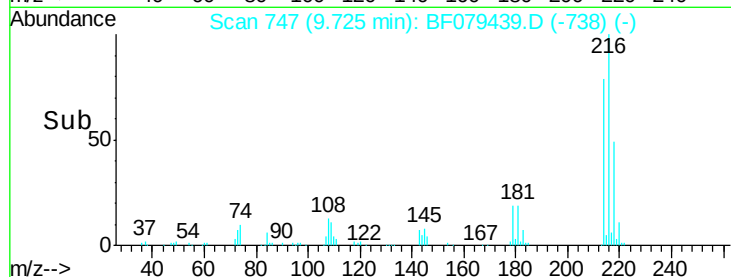


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 54.59 ng

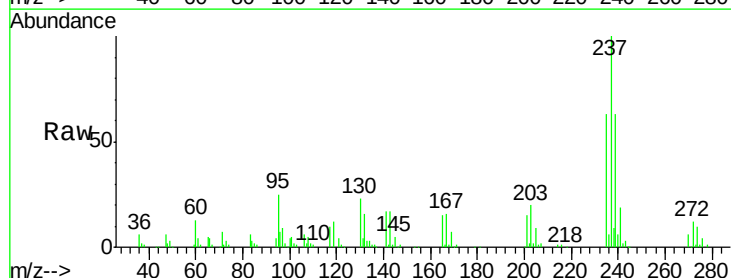
RT: 9.70 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

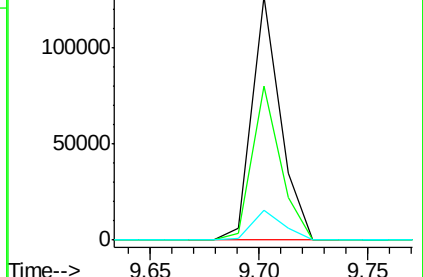
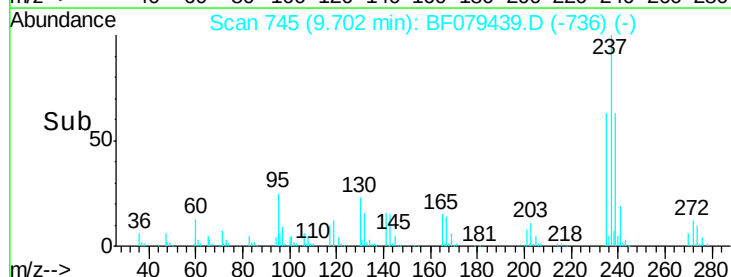
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		115398		
235	63.4		40.0	80.0	
272	12.3		0.0	36.0	

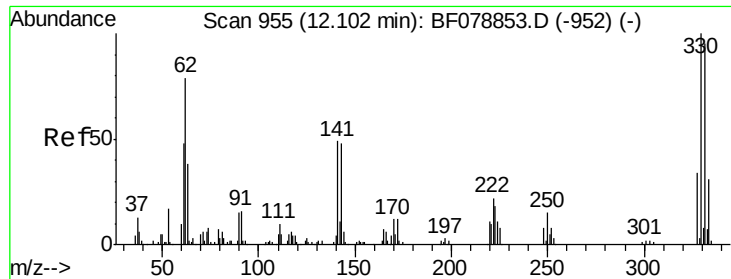


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





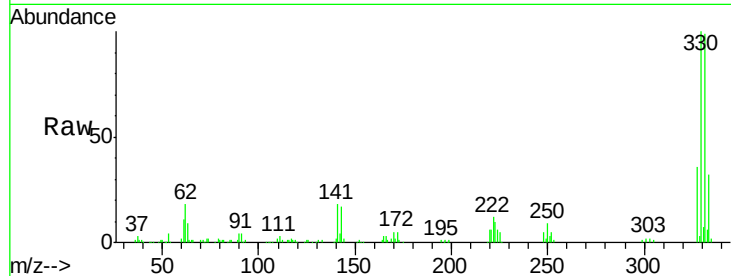
#41
 2,4,6-Tribromophenol
 Concen: 96.46 ng
 RT: 11.78 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	155762		
332	96.6	76.9	115.3	
141	32.8	27.8	41.8	

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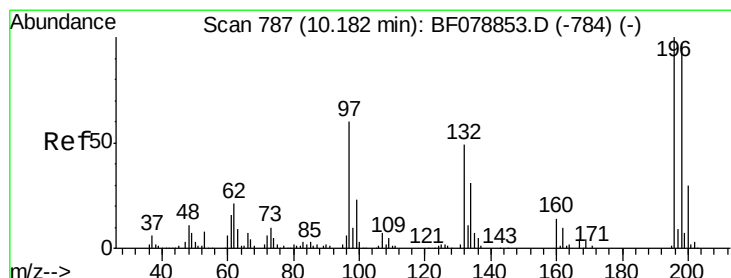
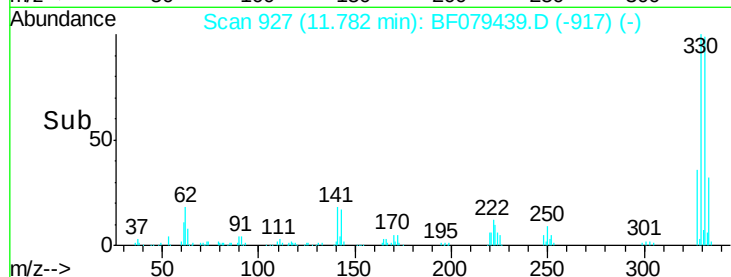
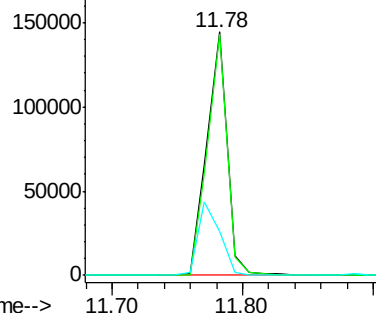


Abundance

Ion 329.80 (329.50 to 330.50): E

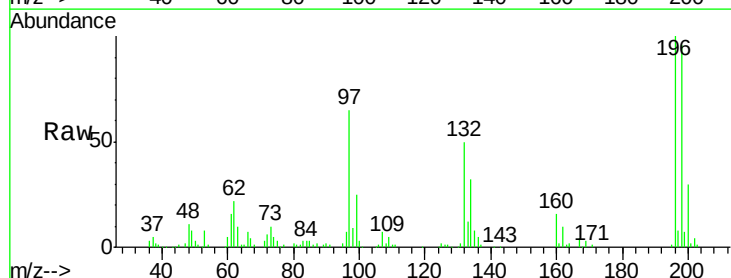
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.66 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120408		
198	95.9	77.4	116.2	
200	29.7	23.7	35.5	

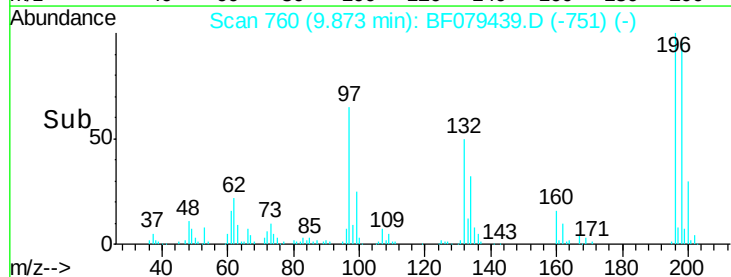
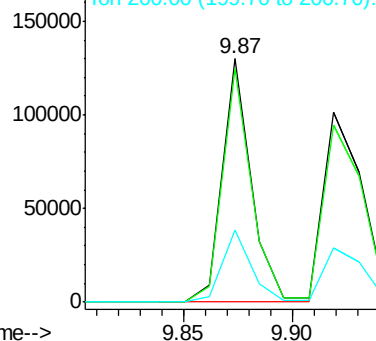


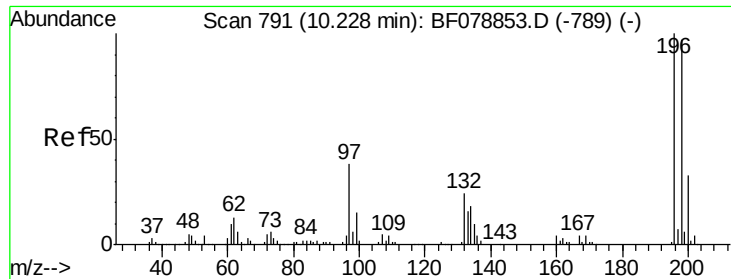
Abundance

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





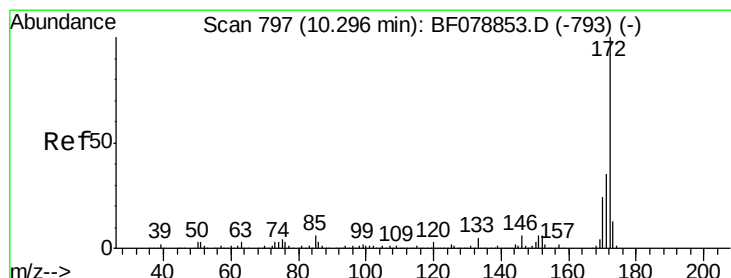
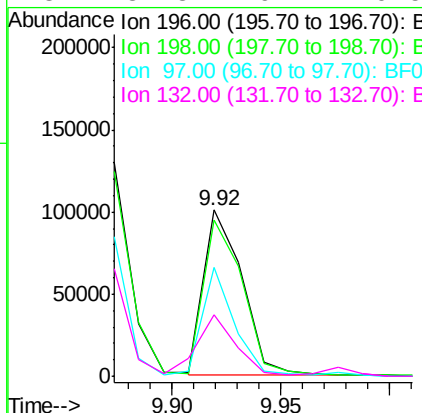
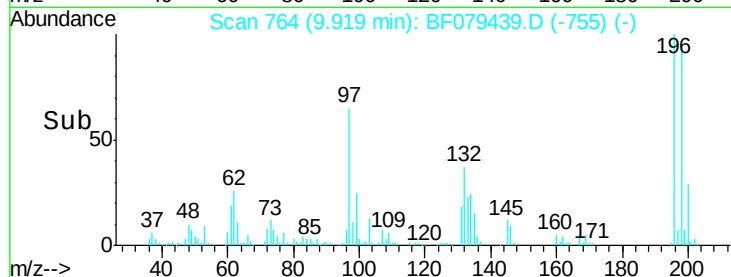
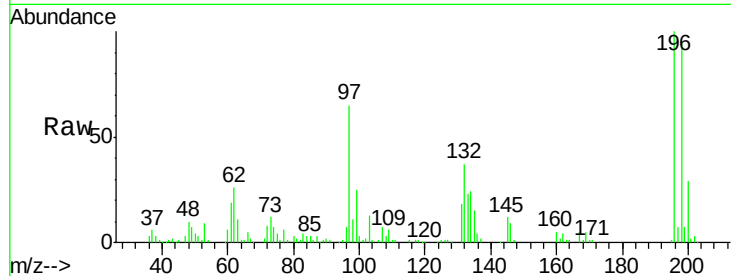
#43
 2,4,5-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.92 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		123804		
198	93.8	77.3	115.9		
97	65.5	31.3	46.9		
132	37.3	19.7	29.5		

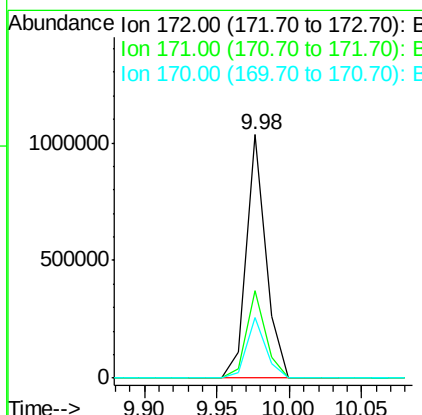
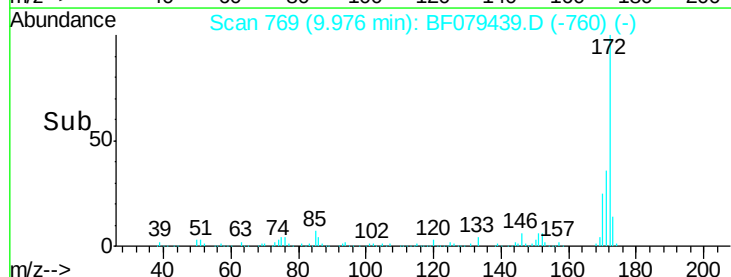
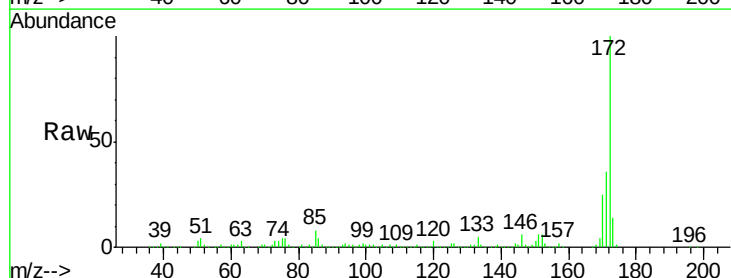
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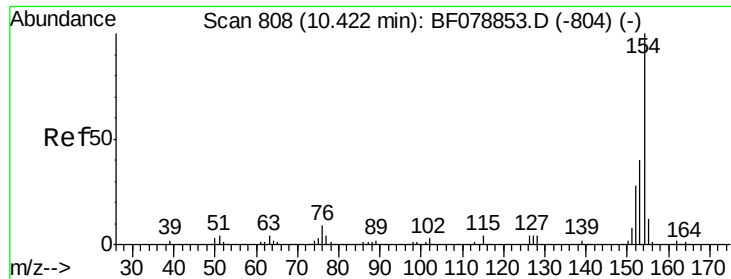
apatel
 5/27/2015 8:15:48 AM



#44
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		969438		
171	36.1	28.3	42.5		
170	24.8	19.4	29.2		





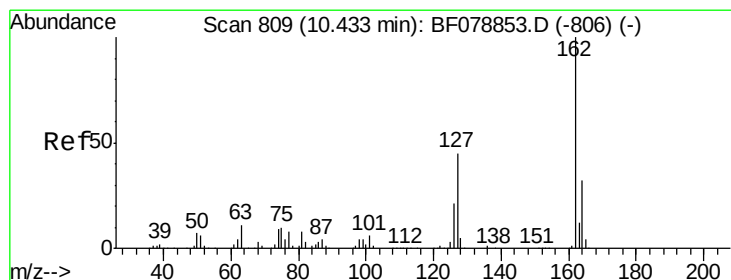
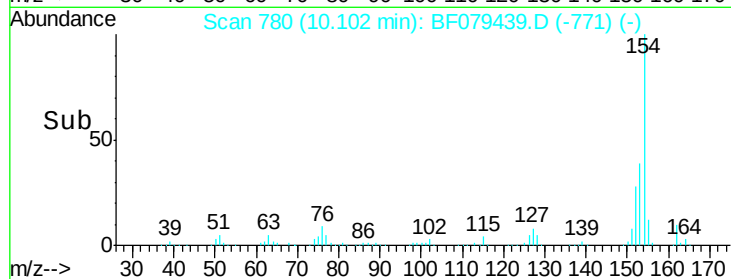
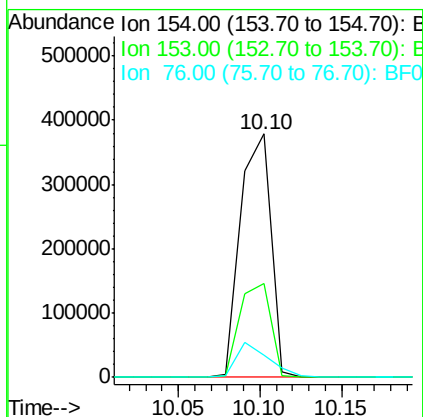
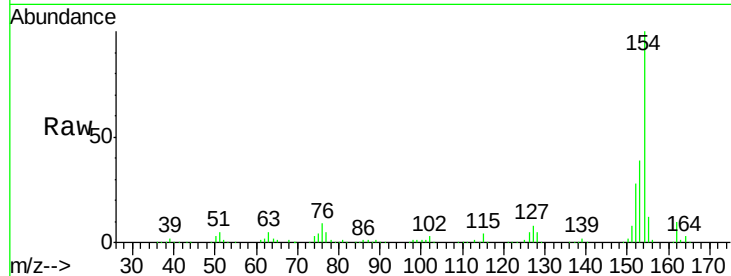
#45
 1,1'-Biphenyl
 Concen: 41.40 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.6	19.7	59.7
76	9.3	0.0	29.1

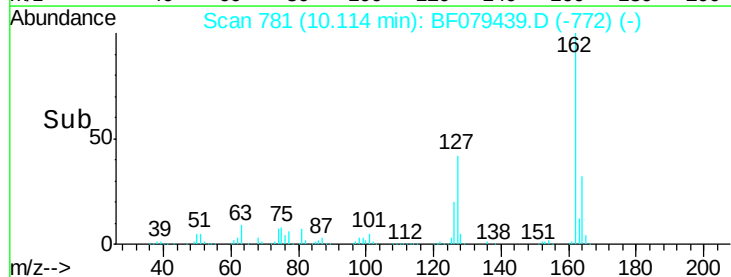
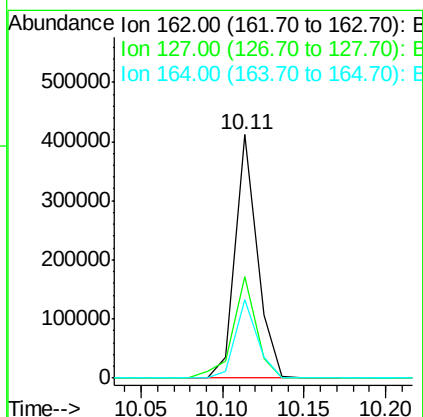
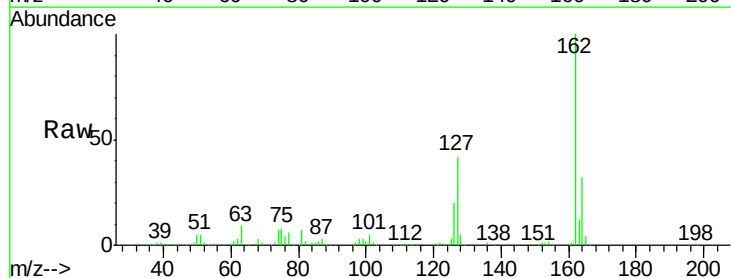
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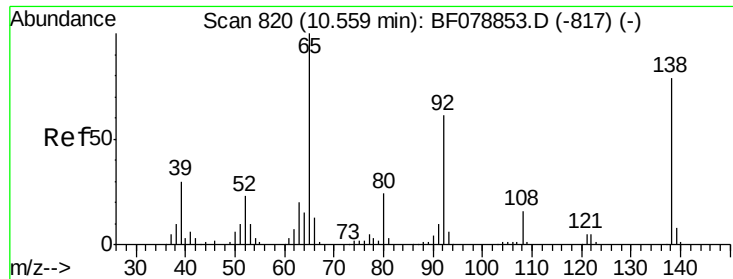
apatel
 5/27/2015 8:15:48 AM



#46
 2-Chloronaphthalene
 Concen: 41.33 ng
 RT: 10.11 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	36.3	54.5
164	32.2	25.9	38.9





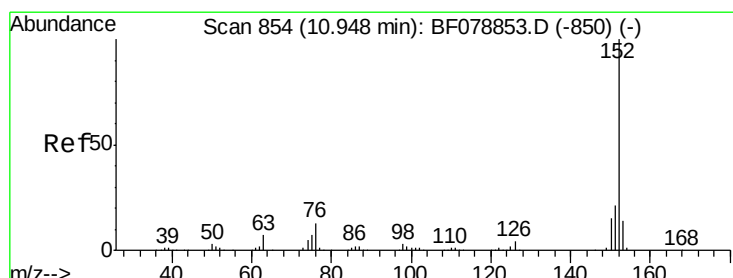
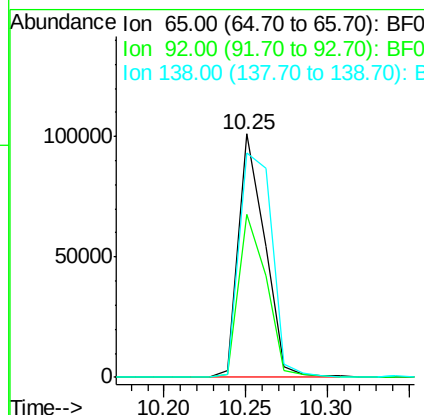
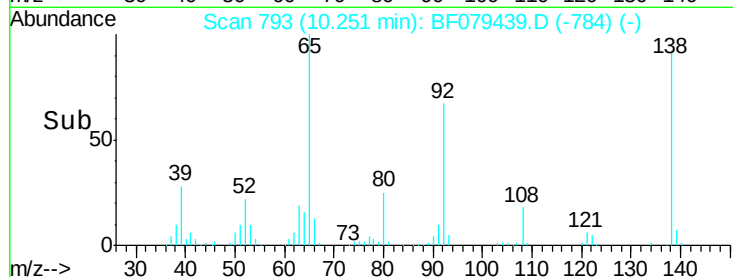
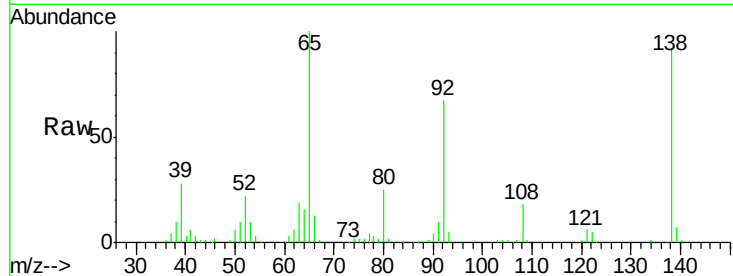
#47
 2-Nitroaniline
 Concen: 42.23 ng
 RT: 10.25 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion:	65	Resp:	113268
Ion Ratio	Lower	Upper	
65	100		
92	67.1	49.1	73.7
138	92.1	63.2	94.8

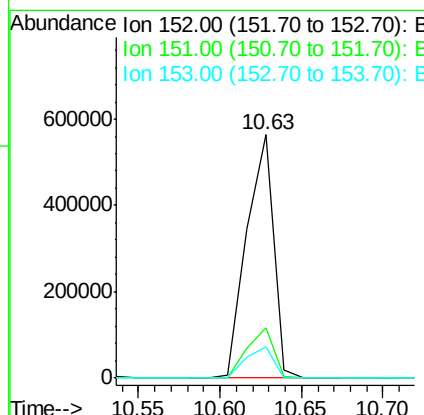
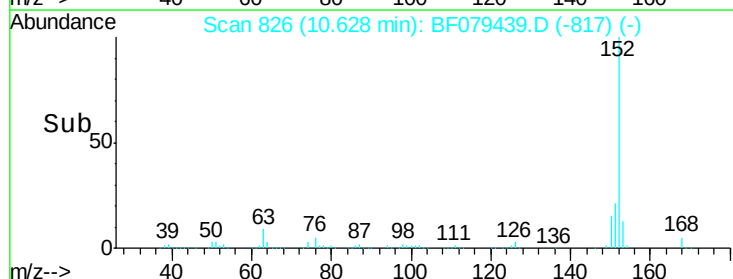
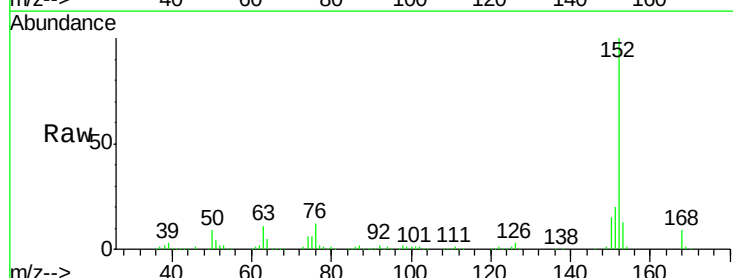
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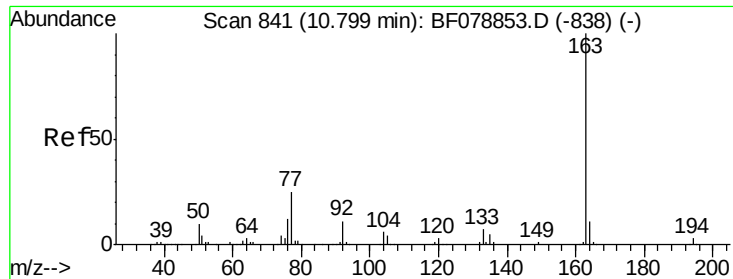
apatel
 5/27/2015 8:15:48 AM



#48
 Acenaphthylene
 Concen: 42.19 ng
 RT: 10.63 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:	152	Resp:	641137
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.6	24.8
153	12.9	11.0	16.6





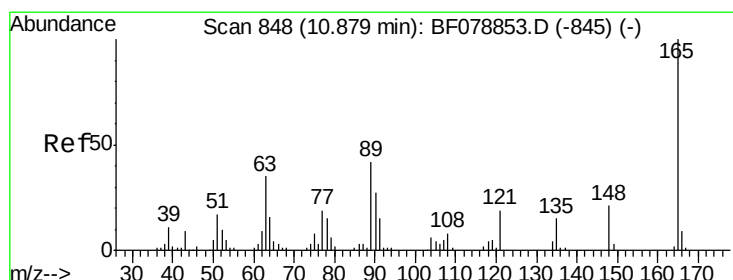
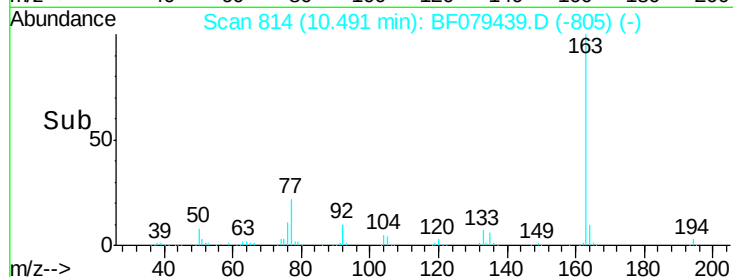
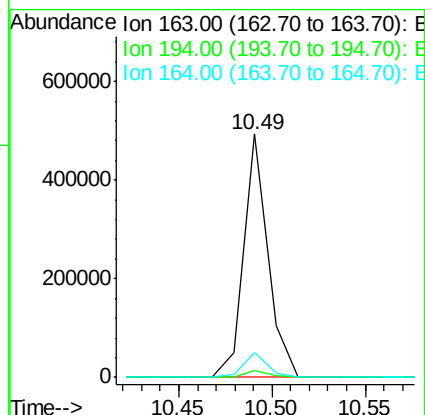
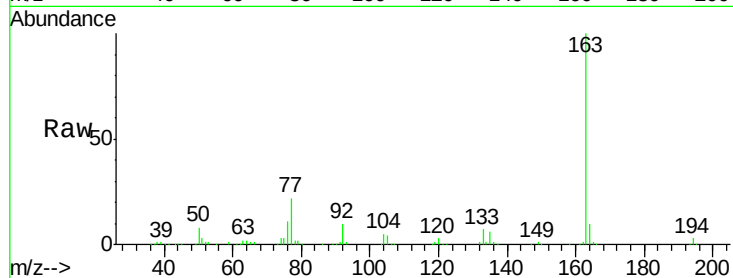
#49
Dimethylphthalate
Concen: 40.75 ng
RT: 10.49 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	446427		
194	3.1	2.4	3.6	
164	10.3	8.6	12.8	

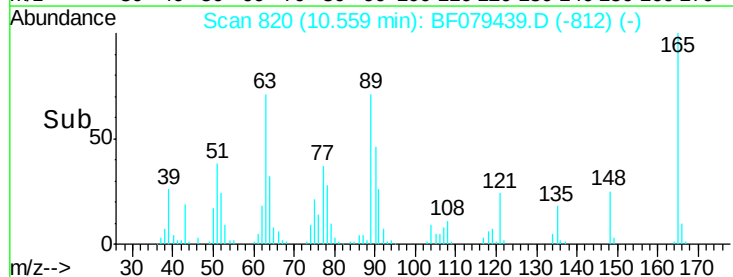
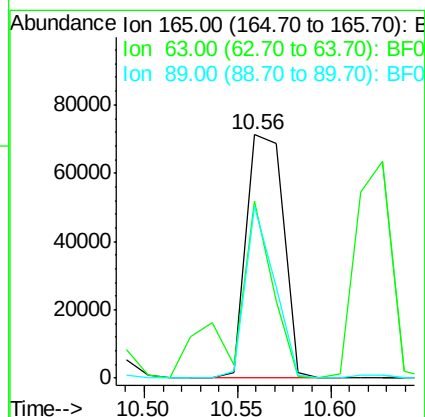
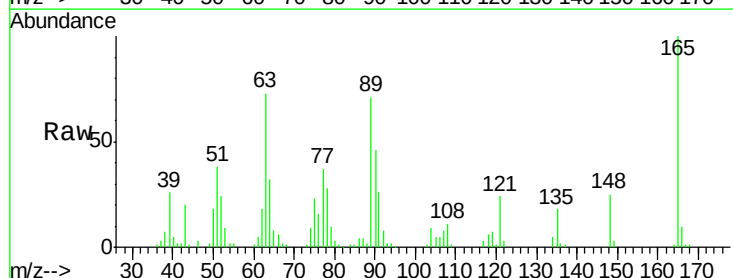
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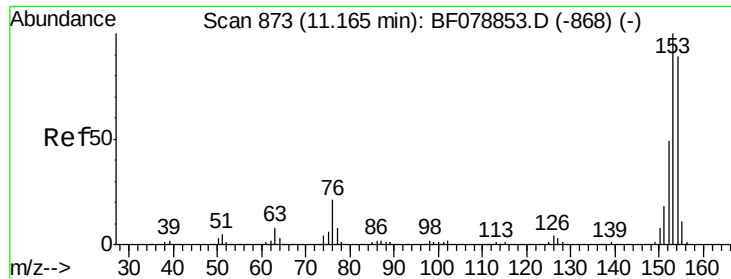
apatel
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#50
2,6-Dinitrotoluene
Concen: 45.48 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98323		
63	72.5	29.2	43.8#	
89	70.7	33.3	49.9#	





#51

Acenaphthene

Concen: 39.32 ng

RT: 10.83 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

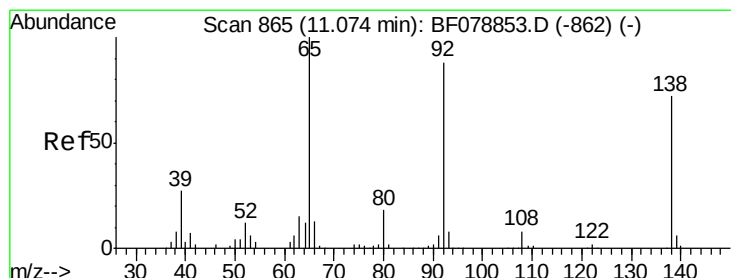
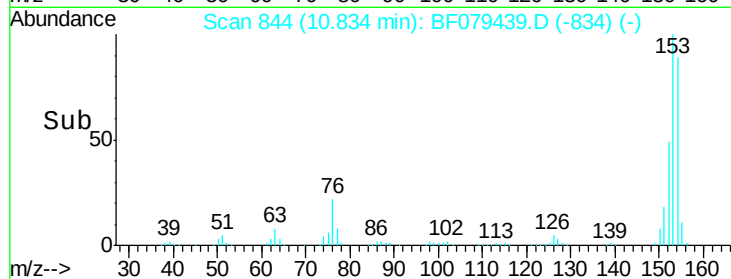
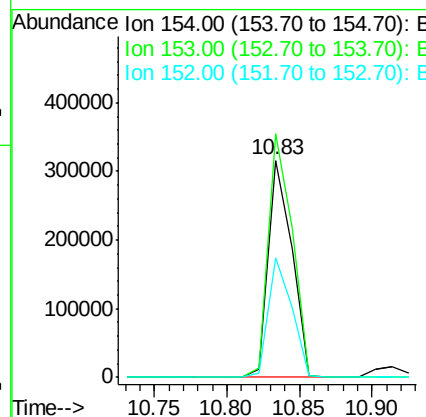
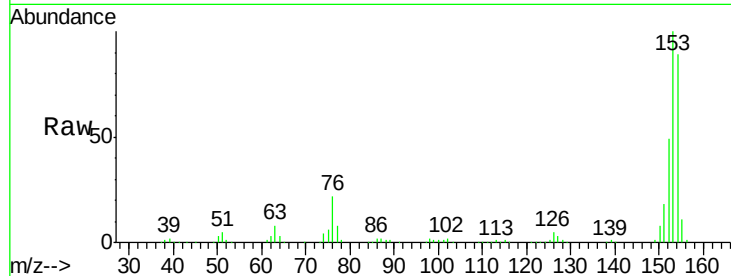
ClientSampleId :

PB83558BSD

Tot Ion:	154	Resp:	356325
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.2	135.2
152	55.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 30.43 ng

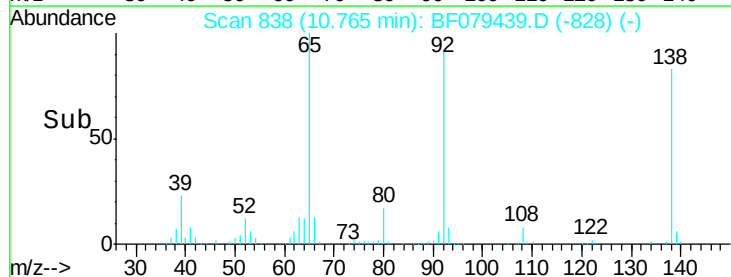
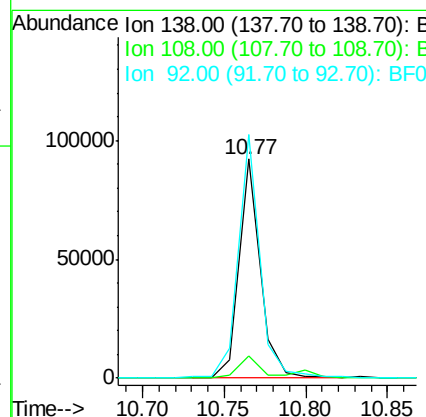
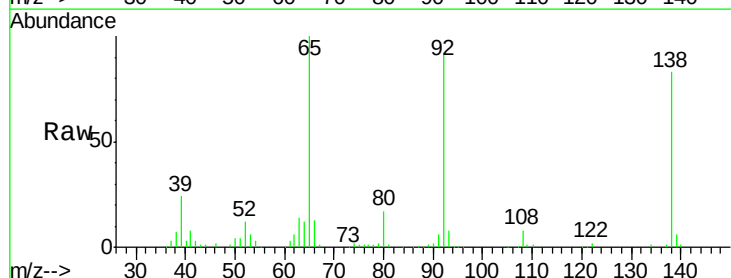
RT: 10.77 min Scan# 838

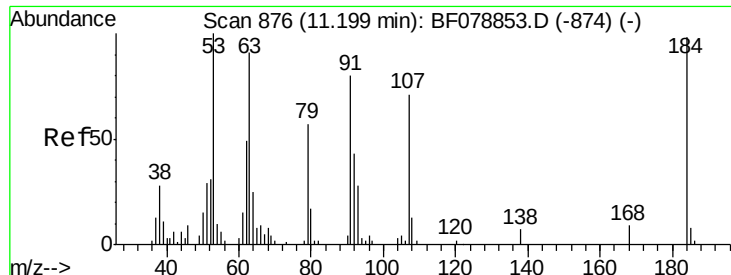
Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	138	Resp:	82191
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.5	12.7
92	111.2	97.4	146.0





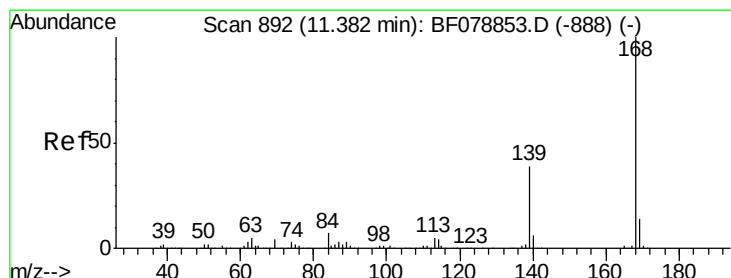
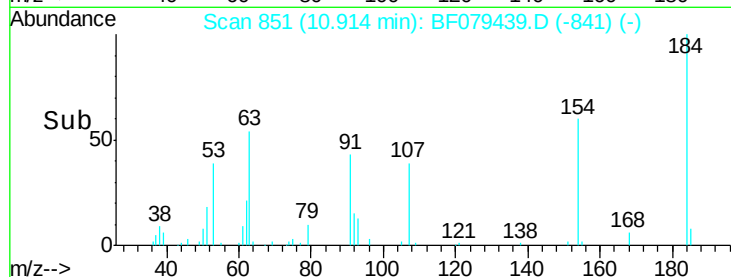
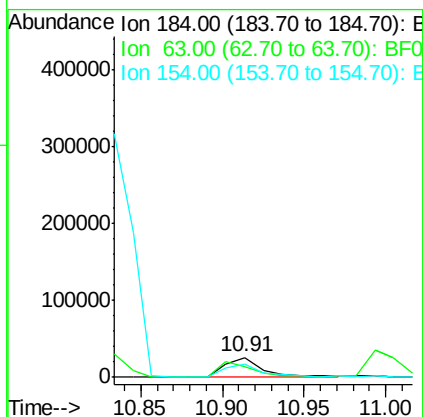
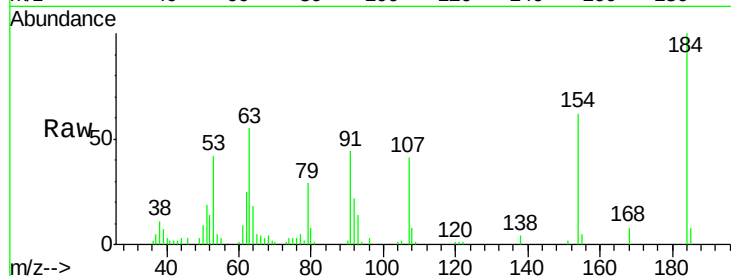
#53
2,4-Dinitrophenol
Concen: 57.48 ng
RT: 10.91 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion:184 Resp: 42386
Ion Ratio Lower Upper
184 100
63 55.4 98.8 148.2#
154 62.2 63.4 95.0#

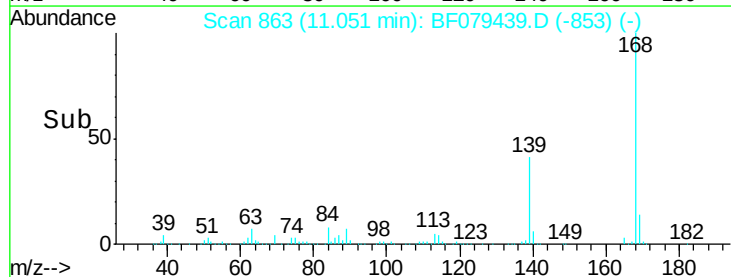
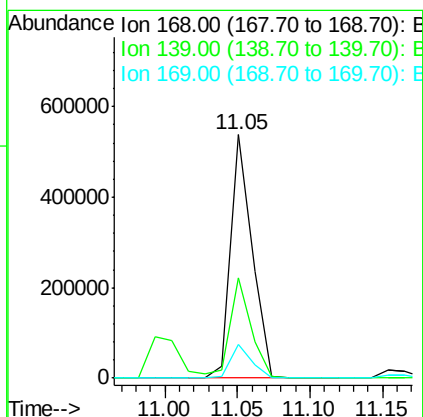
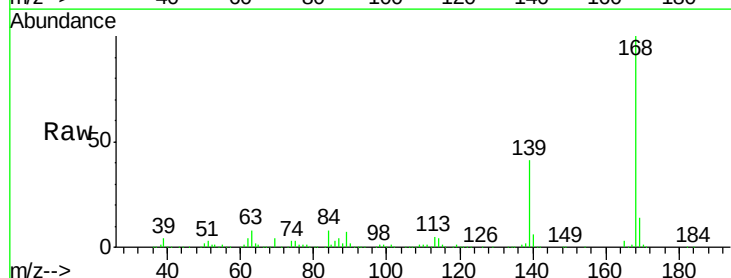
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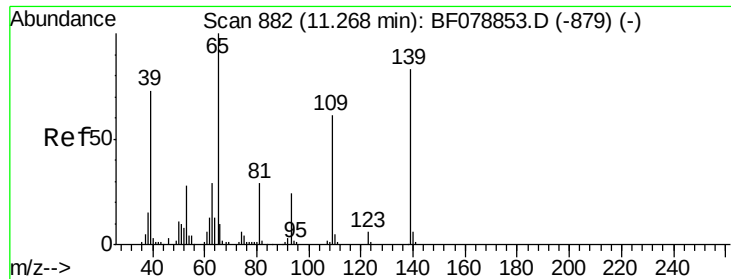
apatel
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#54
Dibenzofuran
Concen: 42.36 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion:168 Resp: 554502
Ion Ratio Lower Upper
168 100
139 41.3 31.5 47.3
169 13.9 11.0 16.4





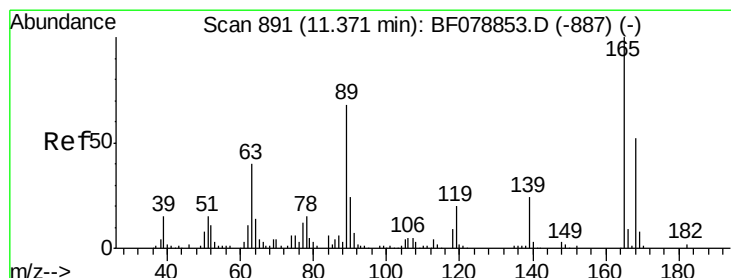
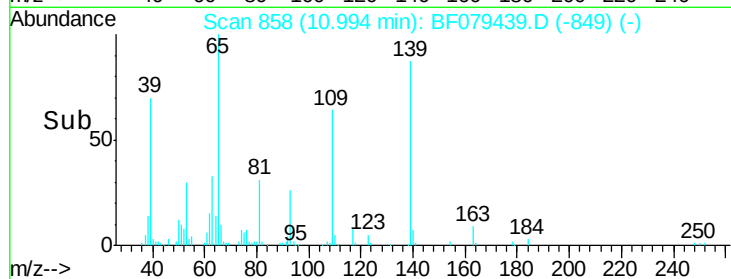
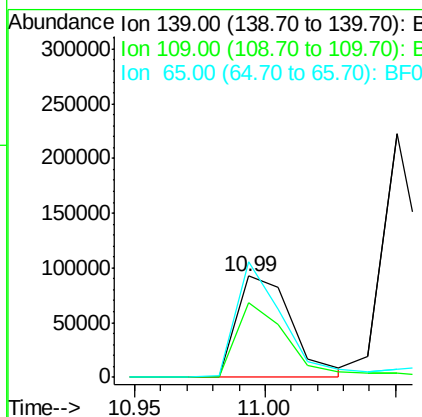
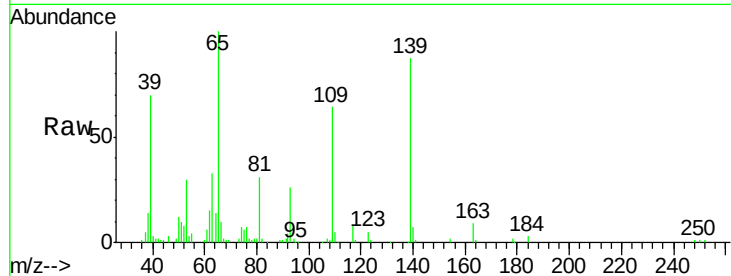
#55
4-Nitrophenol
Concen: 63.93 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.5	54.4	94.4	
65	114.5	101.0	141.0	

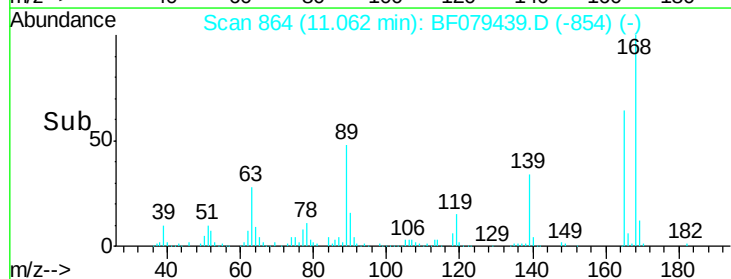
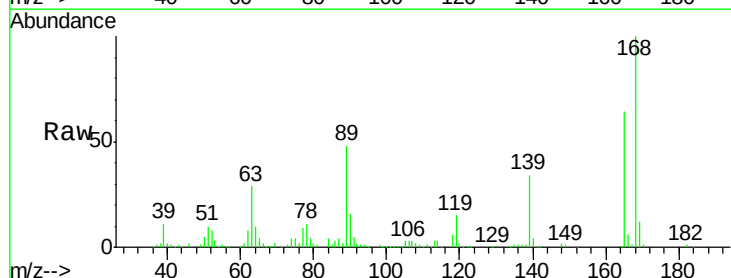
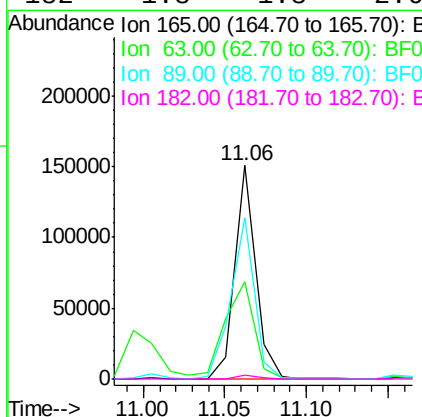
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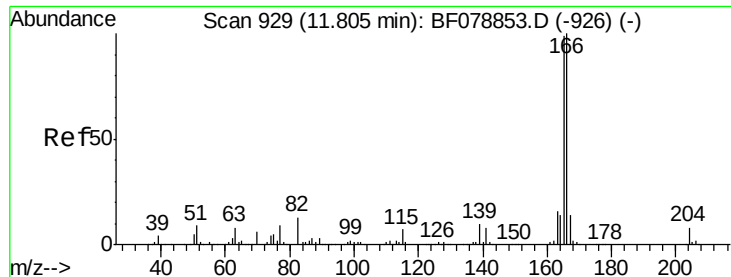
apatel
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#56
2,4-Dinitrotoluene
Concen: 46.20 ng
RT: 11.06 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.4	32.3	48.5	
89	75.7	54.6	81.8	
182	1.8	1.8	2.6	





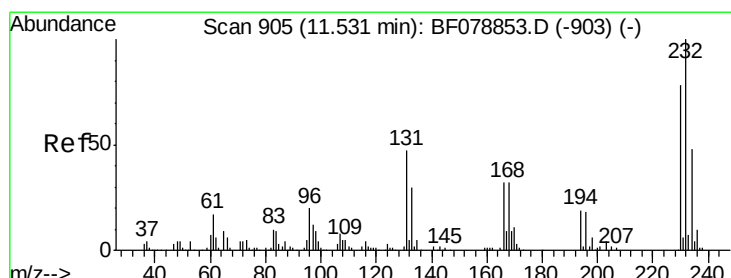
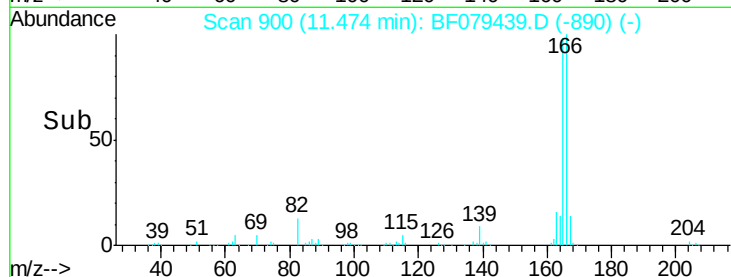
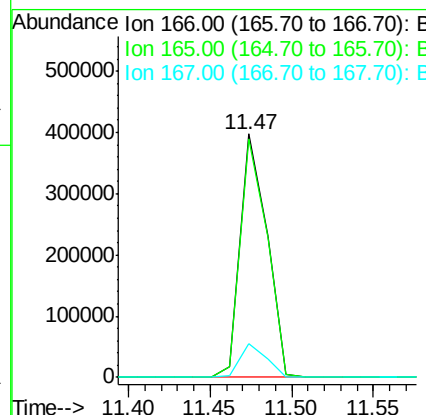
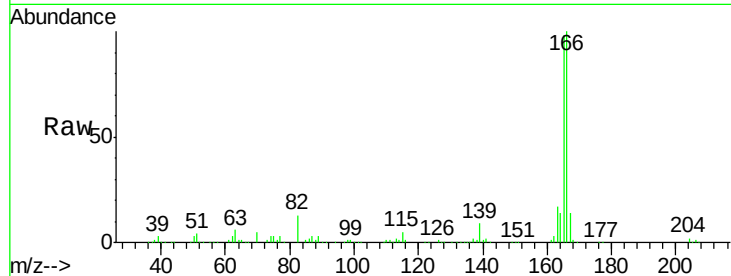
#57
 Fluorene
 Concen: 41.66 ng
 RT: 11.47 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.5	119.3
167	13.7	11.0	16.6

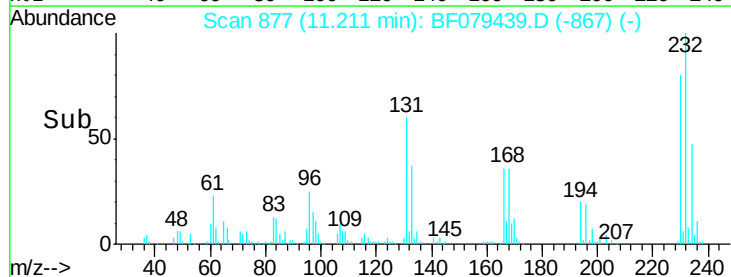
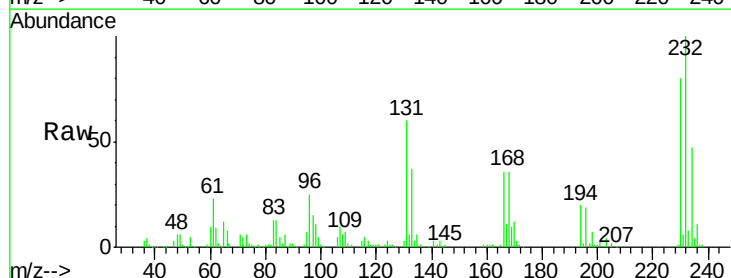
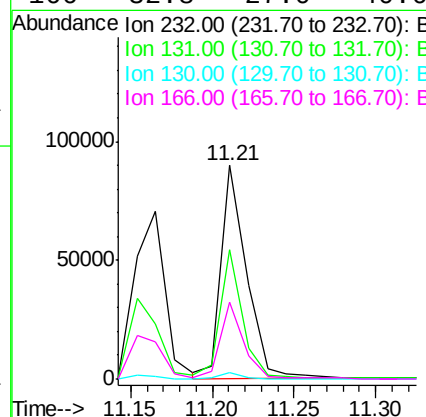
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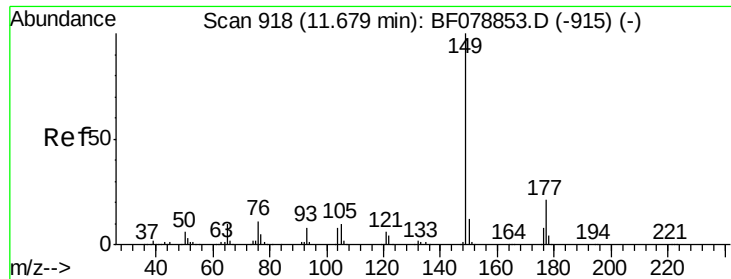
apatel
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.41 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.7	41.9	62.9
130	2.8	1.9	2.9
166	32.8	27.0	40.6





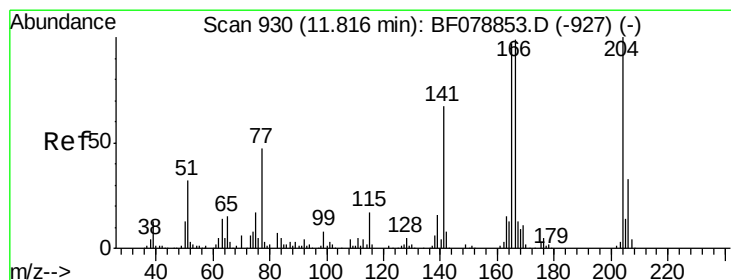
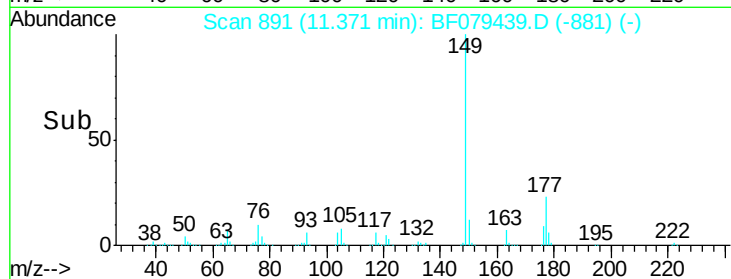
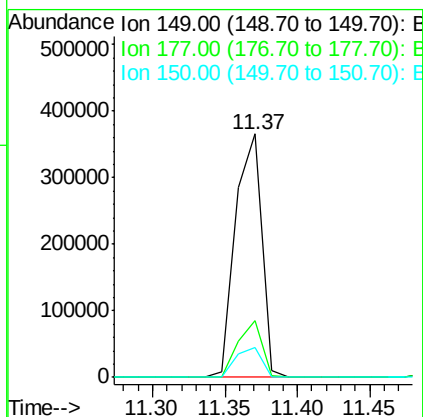
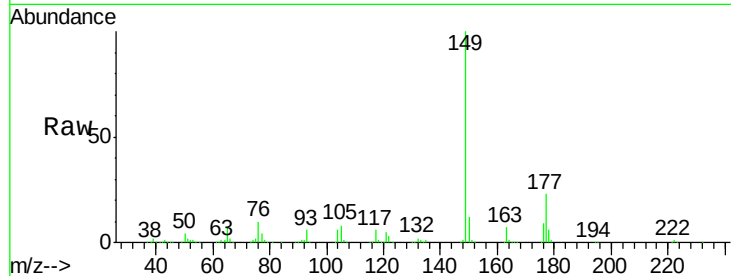
#59
Diethylphthalate
Concen: 42.28 ng
RT: 11.37 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleID :
PB83558BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	458844		
177	23.4	16.4	24.6	
150	12.3	9.8	14.6	

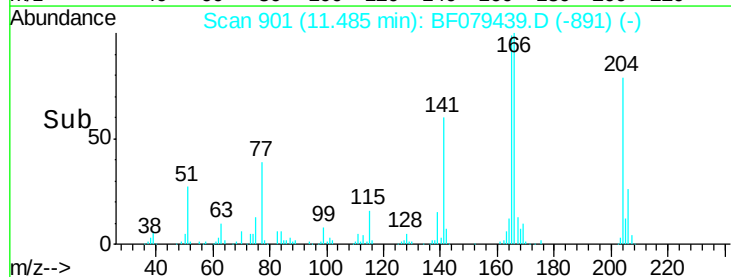
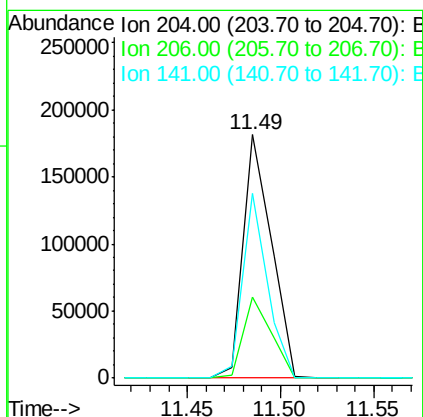
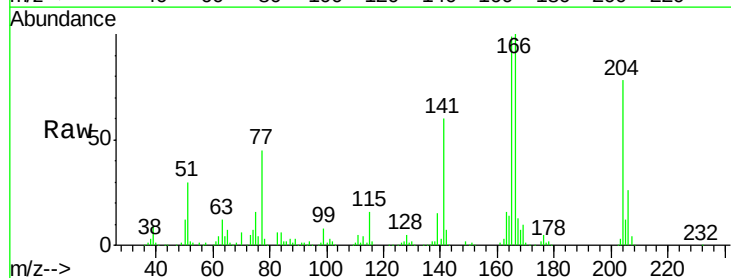
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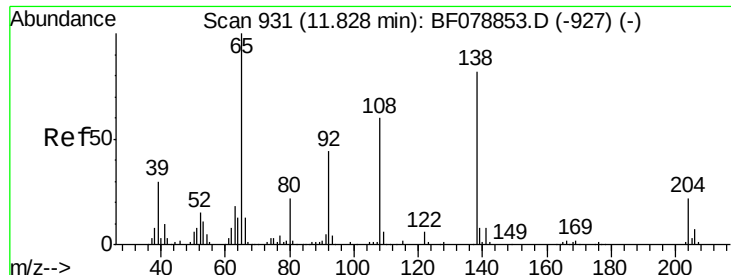
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 40.52 ng
RT: 11.49 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	193129		
206	33.1	26.2	39.4	
141	75.9	53.6	80.4	





#61

4-Nitroaniline

Concen: 39.39 ng

RT: 11.52 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

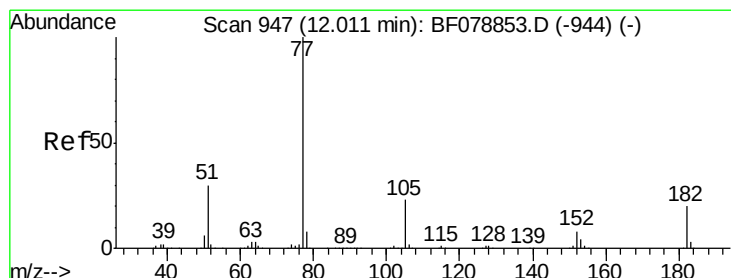
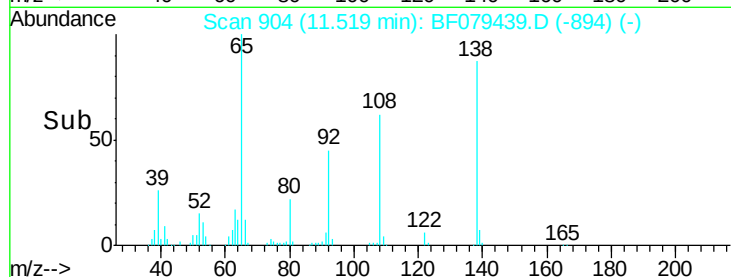
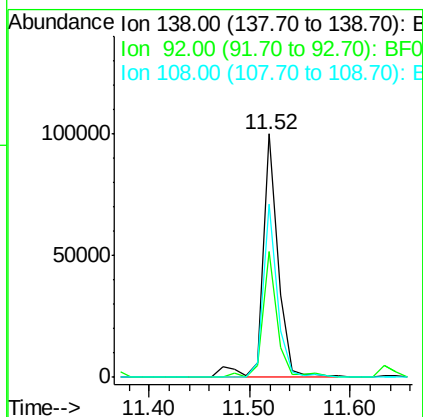
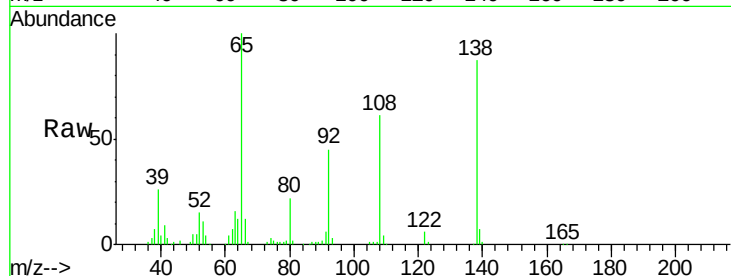
ClientSampleId :

PB83558BSD

Tot Ion:	138	Resp:	106431
Ion Ratio	Lower	Upper	
138	100		
92	51.6	33.7	73.7
108	71.0	53.4	93.4

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#62

Azobenzene

Concen: 41.45 ng

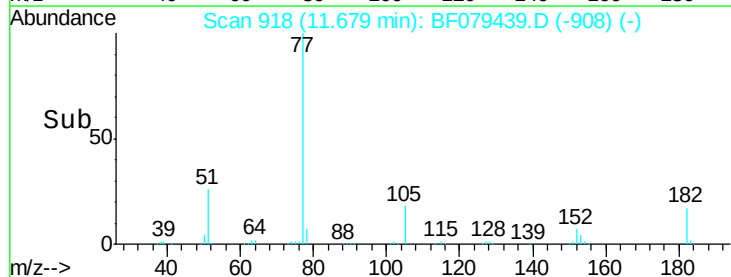
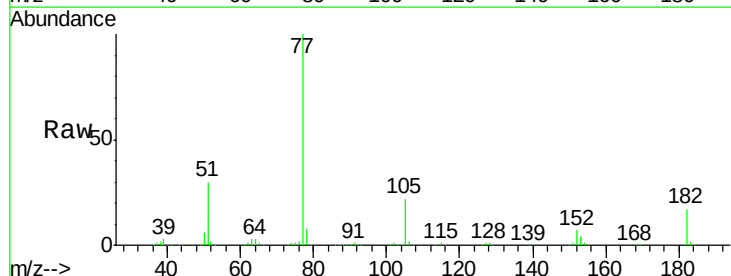
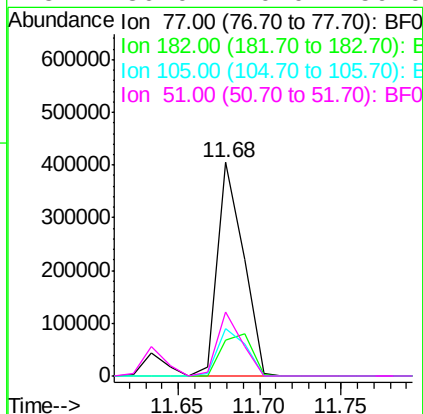
RT: 11.68 min Scan# 918

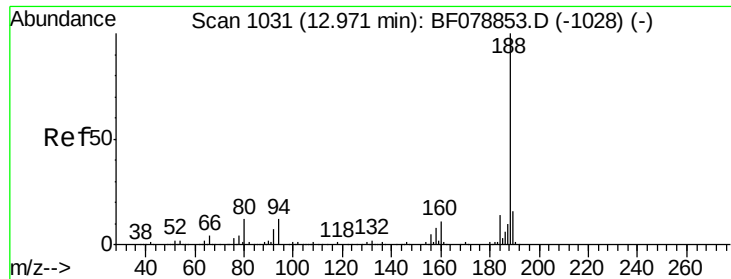
Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	77	Resp:	443320
Ion Ratio	Lower	Upper	
77	100		
182	16.9	0.0	40.0
105	22.0	2.9	42.9
51	30.0	10.0	50.0





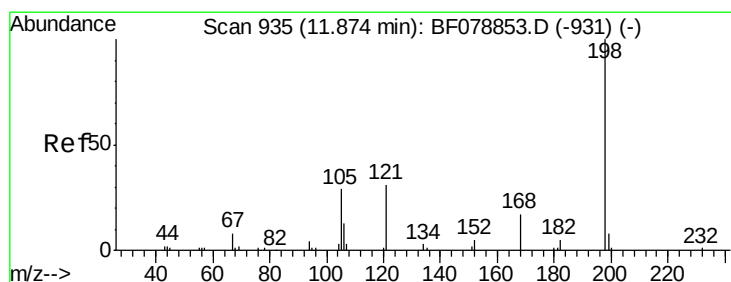
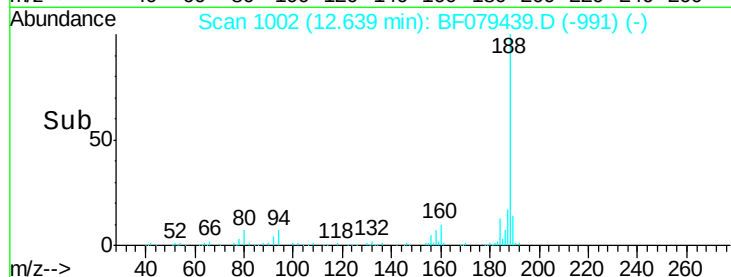
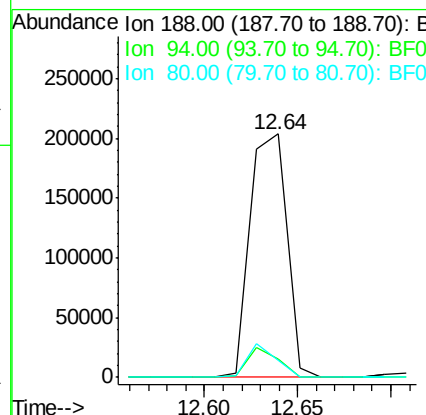
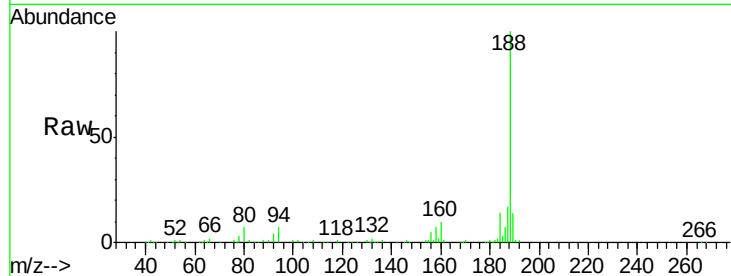
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampled :
PB83558BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	279662		
94	7.3		9.4	14.0#
80	7.0		9.8	14.6#

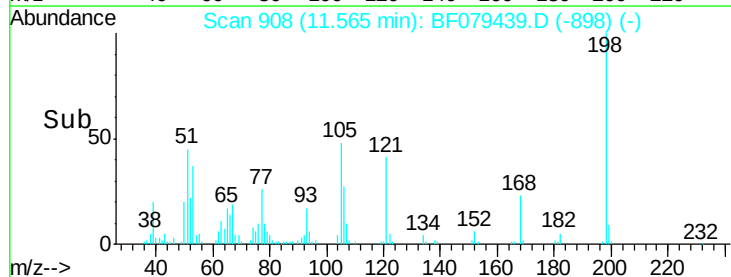
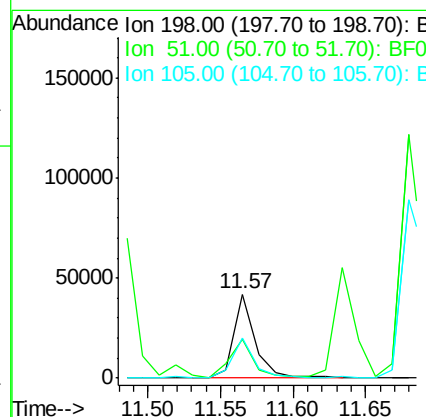
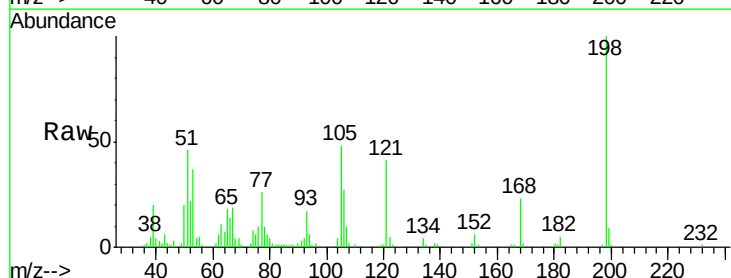
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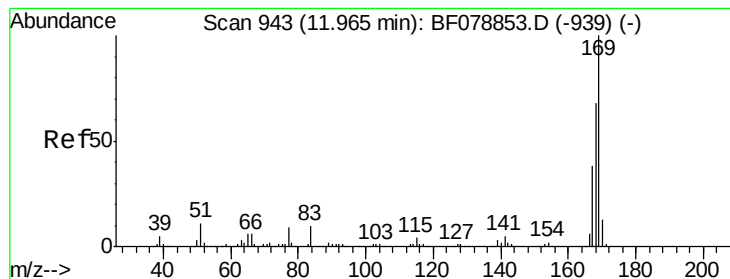
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.89 ng
RT: 11.57 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43281		
51	46.3		7.0	47.0
105	47.7		13.7	53.7





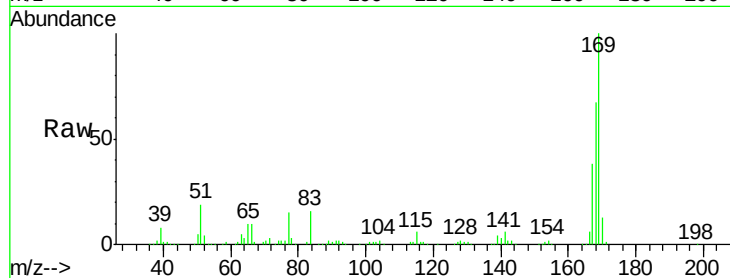
#65
 n-Nitrosodiphenylamine
 Concen: 41.24 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

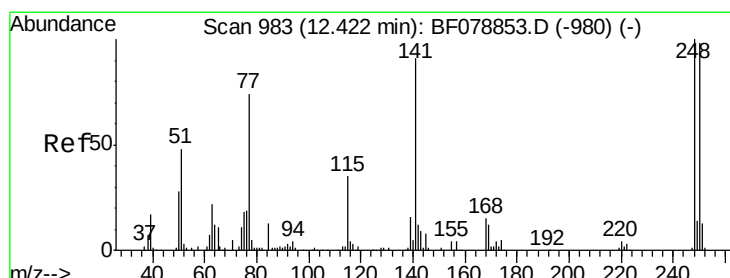
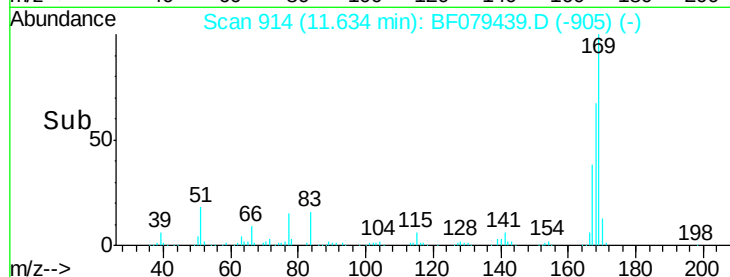
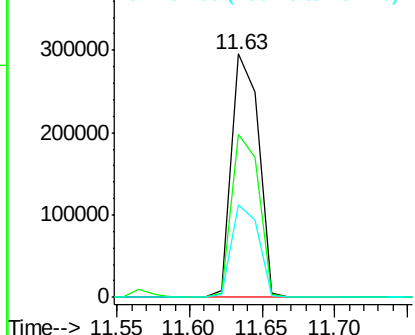
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.2	54.1	81.1	
167	37.9	30.1	45.1	

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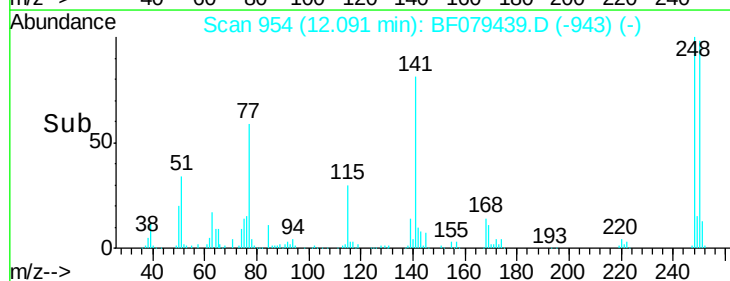
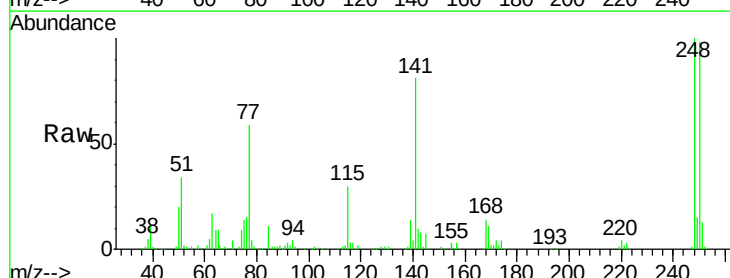
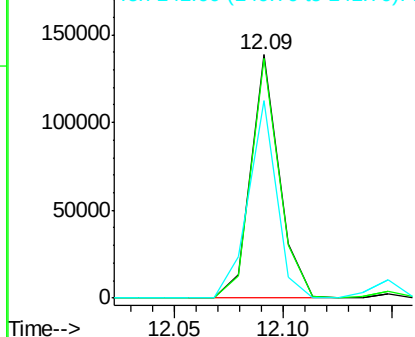
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

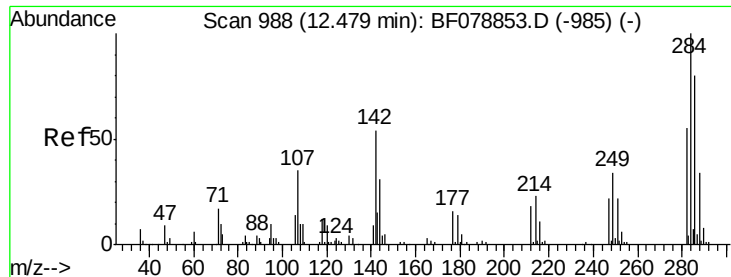


#66
 4-Bromophenyl-phenylether
 Concen: 43.21 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.5	78.0	117.0	
141	81.0	72.6	109.0	

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





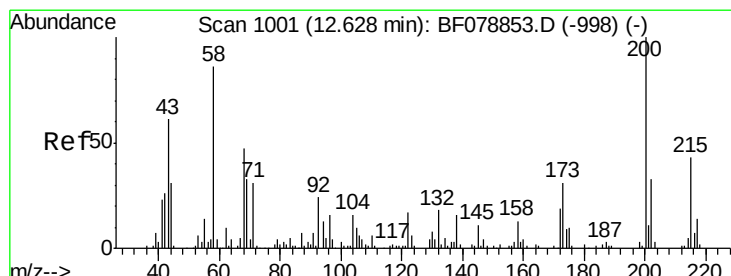
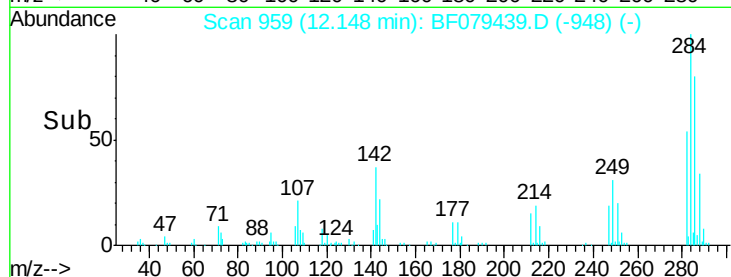
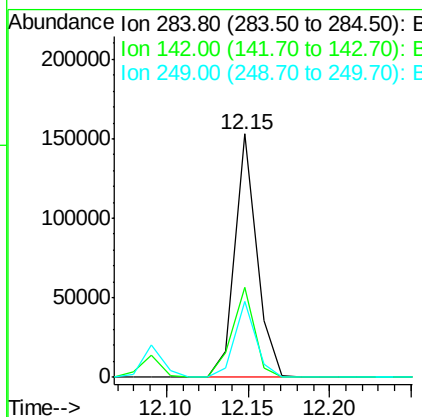
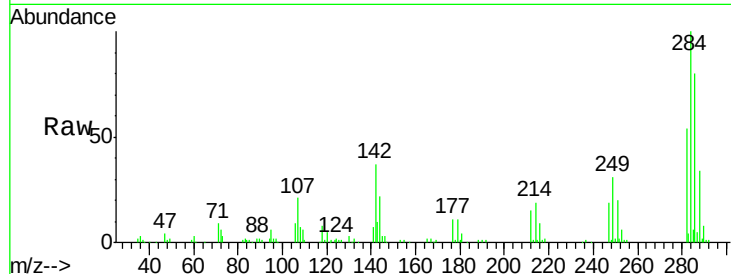
#67
Hexachlorobenzene
Concen: 42.58 ng
RT: 12.15 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	37.2	43.2	64.8#
249	30.9	27.5	41.3

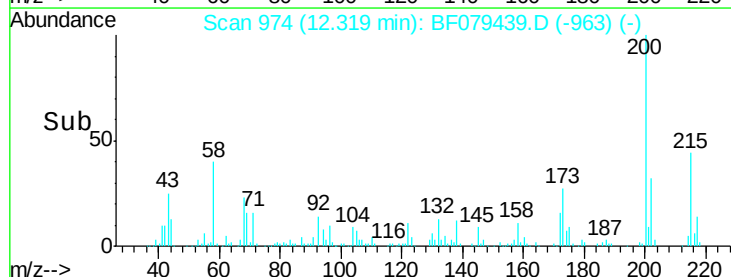
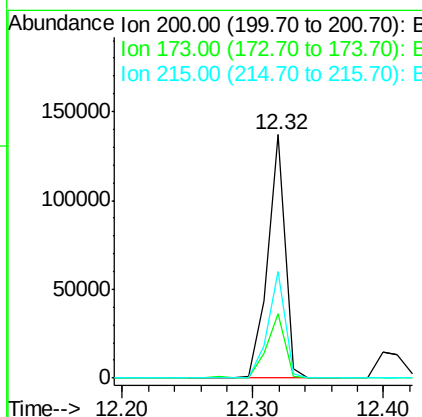
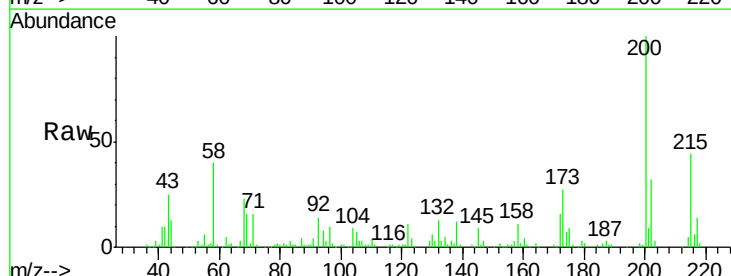
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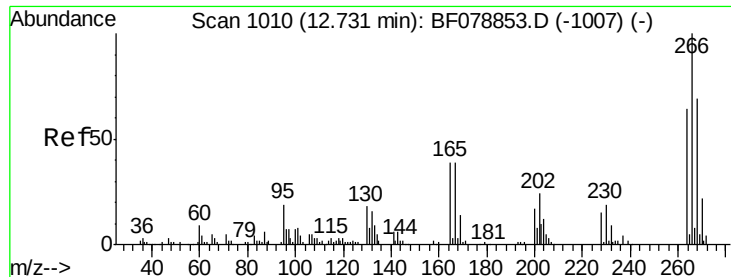
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#68
Atrazine
Concen: 47.50 ng
RT: 12.32 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	10.9	50.9
215	43.9	23.2	63.2





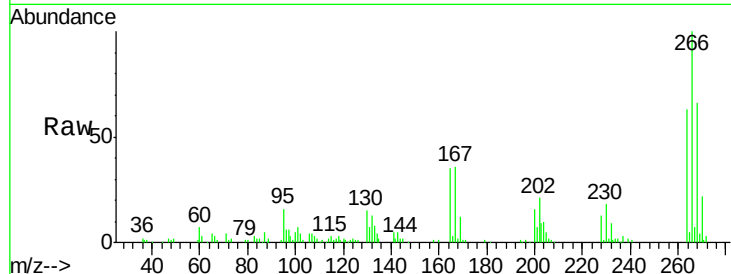
#69
 Pentachlorophenol
 Concen: 62.45 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

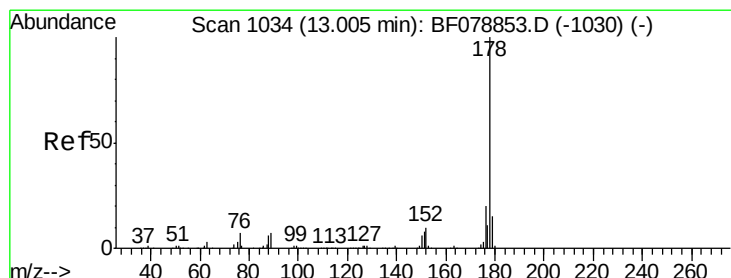
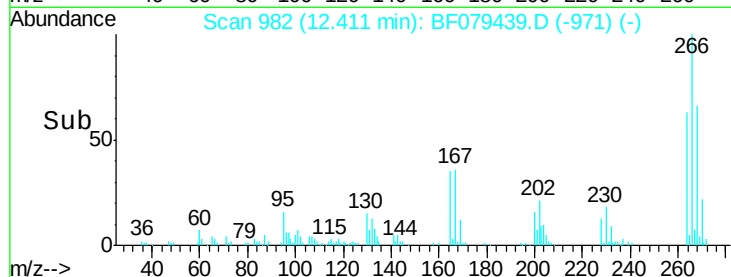
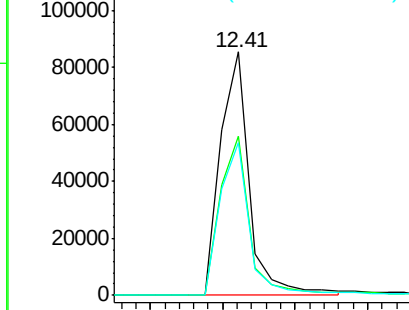
Tot Ion	Ratio	Resp	Lower	Upper
266	100	118524		
268	65.6		55.0	82.6
264	62.5		50.9	76.3

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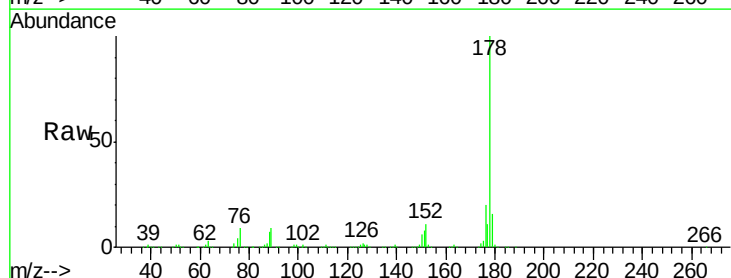


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

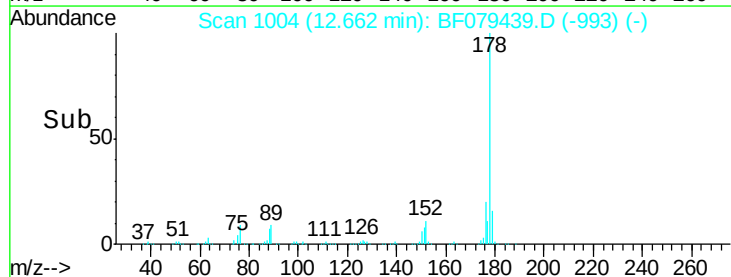
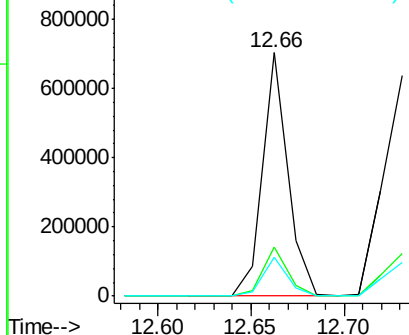


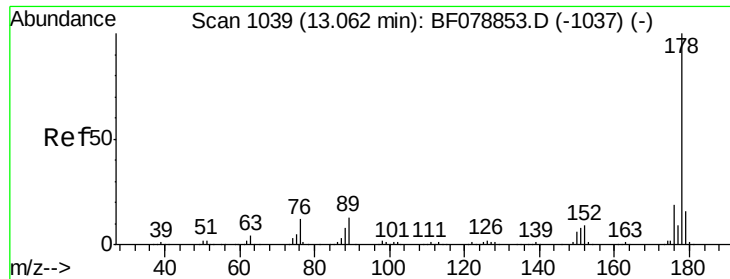
#70
 Phenanthrene
 Concen: 41.77 ng
 RT: 12.66 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	653511		
176	20.4		15.9	23.9
179	15.8		12.2	18.4



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





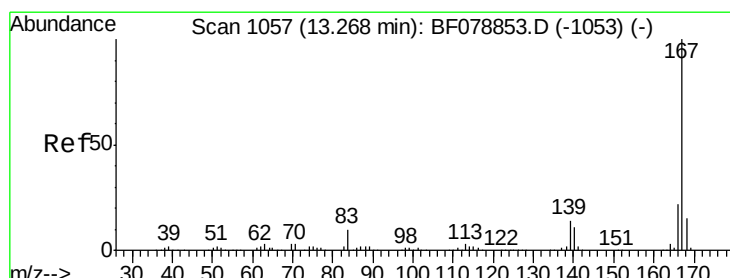
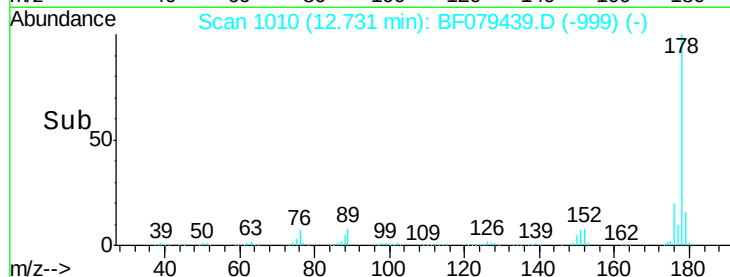
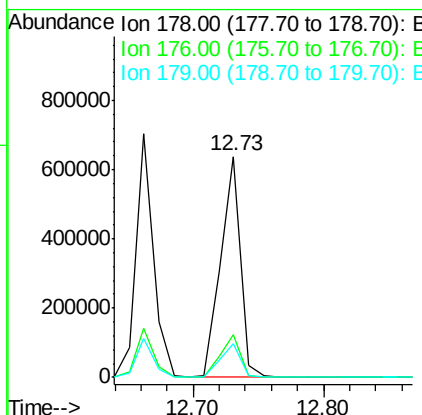
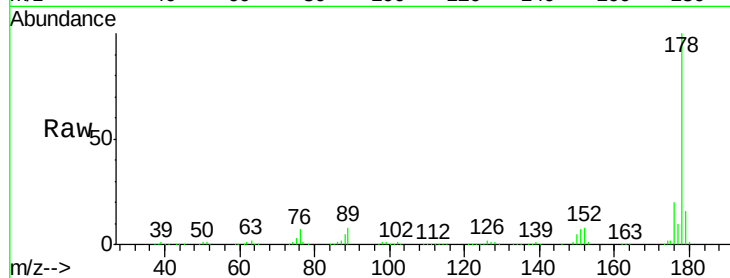
#71
 Anthracene
 Concen: 44.00 ng
 RT: 12.73 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.6	19.0

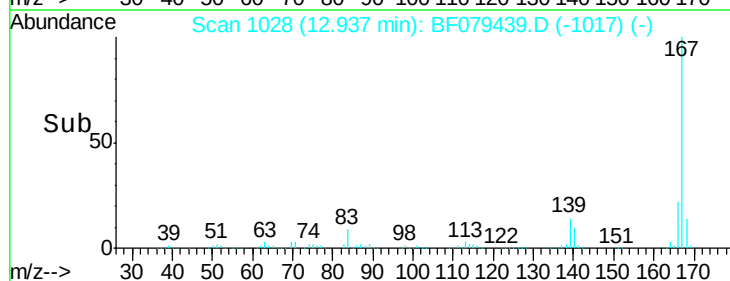
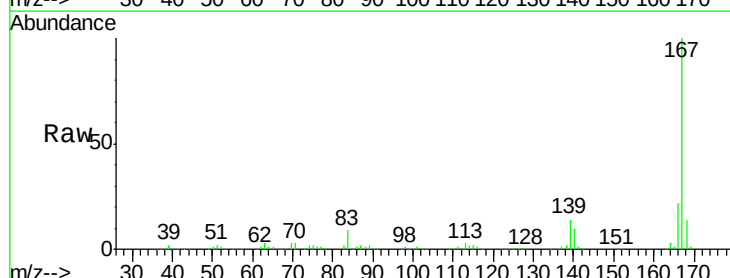
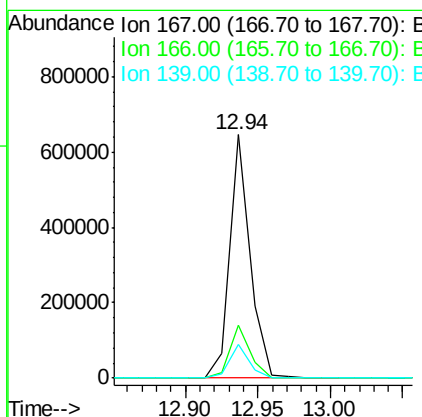
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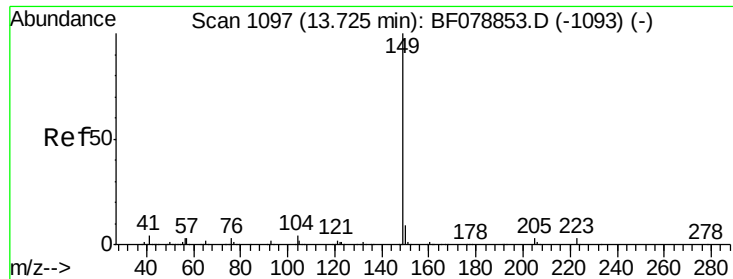
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#72
 Carbazole
 Concen: 43.02 ng
 RT: 12.94 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.7	11.0	16.4





#73

Di-n-butylphthalate

Concen: 43.29 ng

RT: 13.39 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

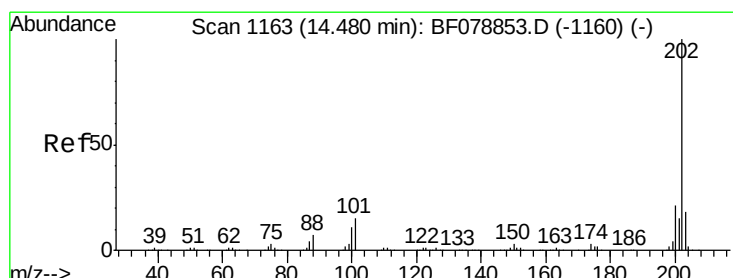
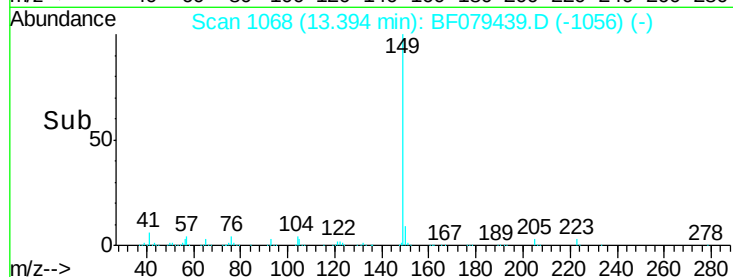
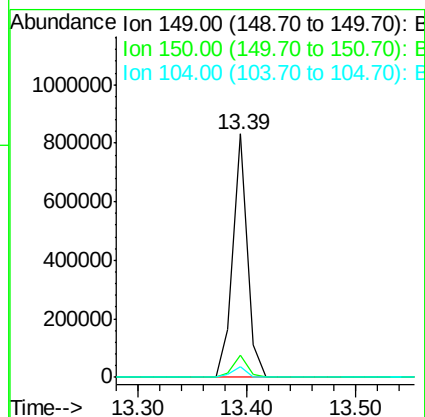
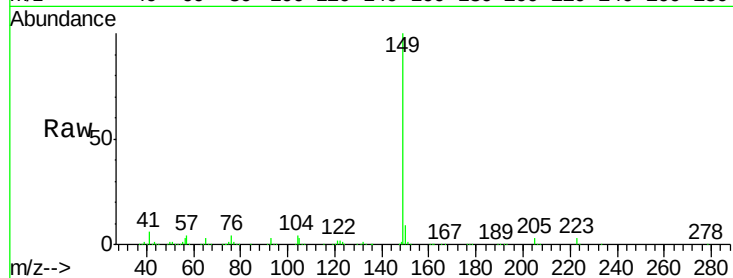
ClientSampleId :

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Tot Ion:	149	Resp:	759414
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.0	10.4
104	4.5	3.3	4.9

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#74

Fluoranthene

Concen: 42.07 ng

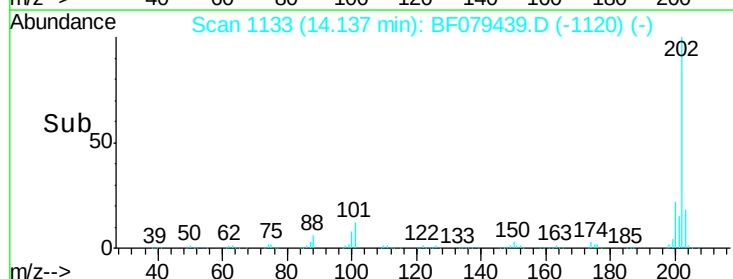
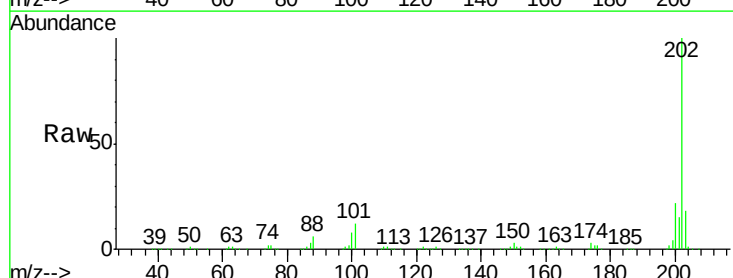
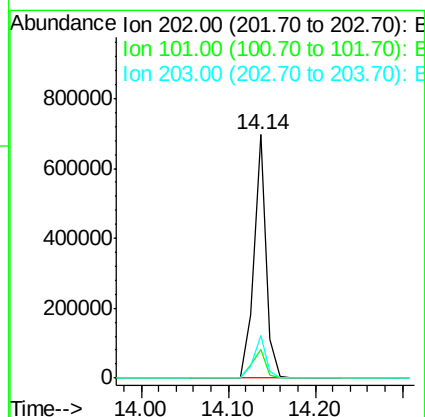
RT: 14.14 min Scan# 1133

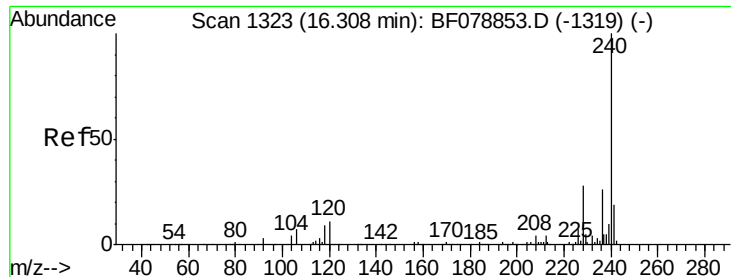
Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:	202	Resp:	685799
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.7
203	17.6	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.92 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

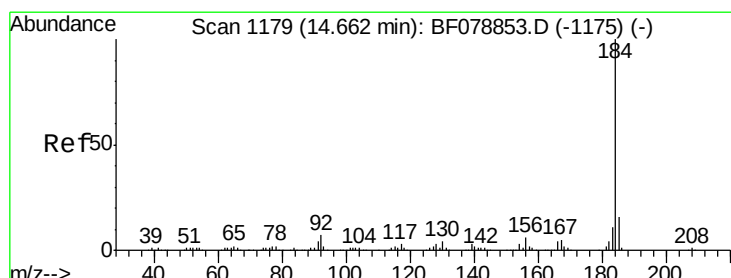
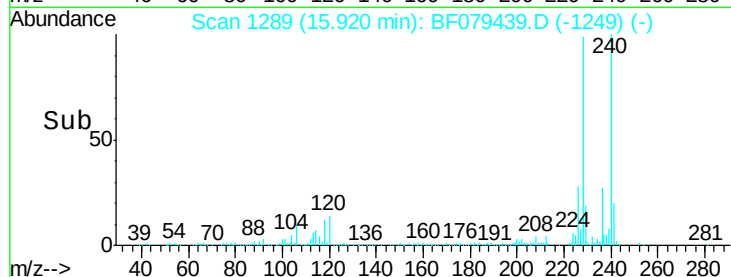
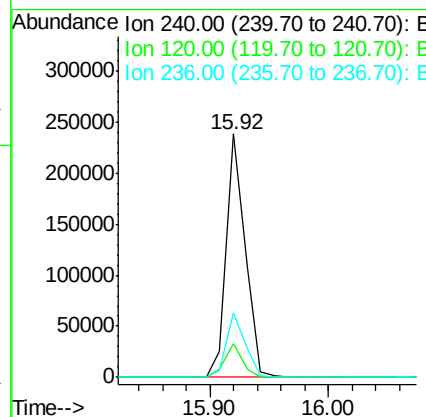
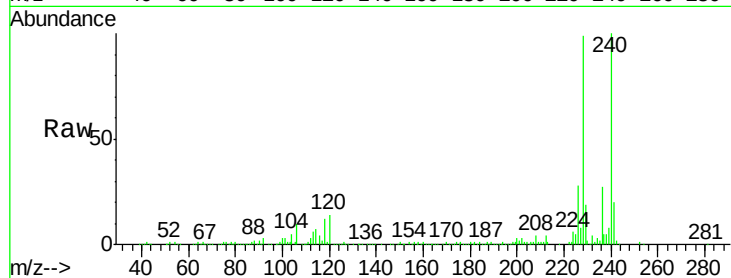
ClientSampleId :

PB83558BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.6	12.8#
236	26.5	21.0	31.6

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#76

Benzidine

Concen: 45.52 ng

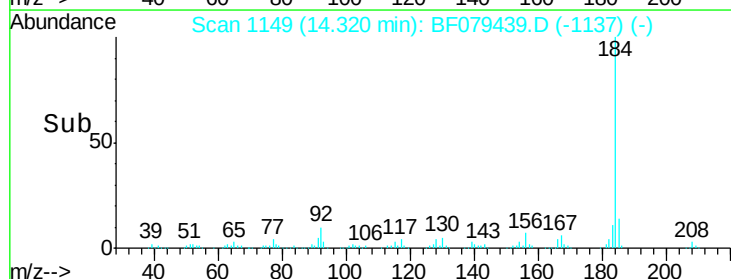
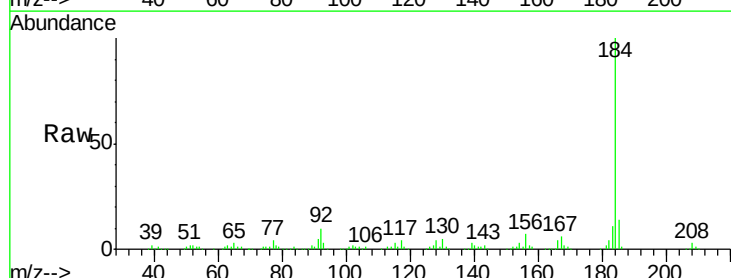
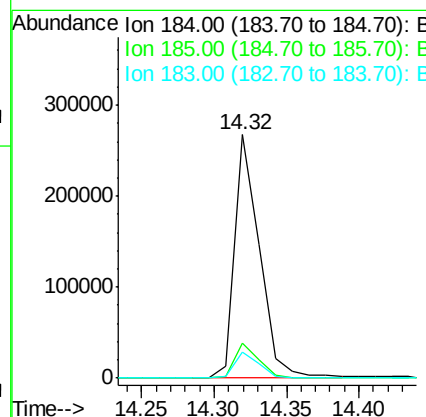
RT: 14.32 min Scan# 1149

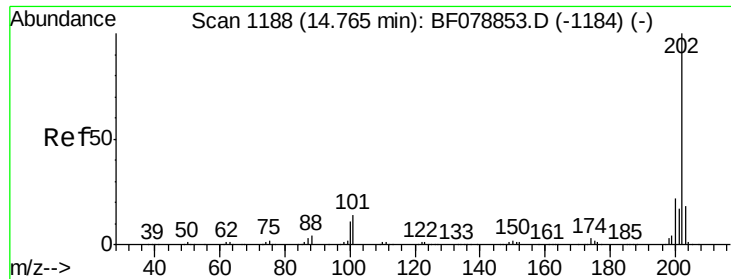
Delta R.T. -0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.8	19.2
183	10.7	9.0	13.4





#77

Pvrene

Concen: 46.31 ng

RT: 14.41 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

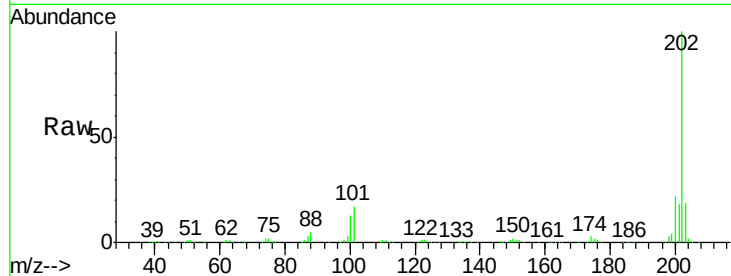
ClientSampleId :

PB83558BSD

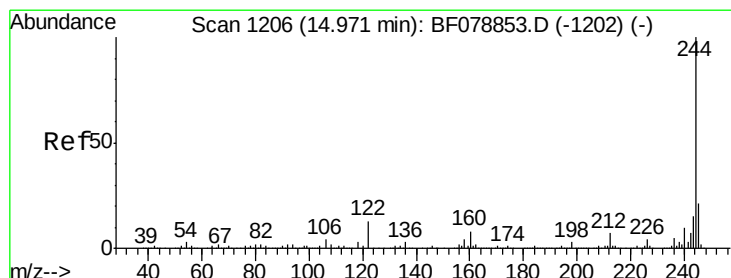
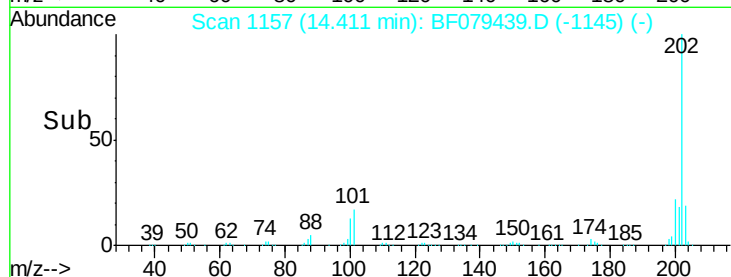
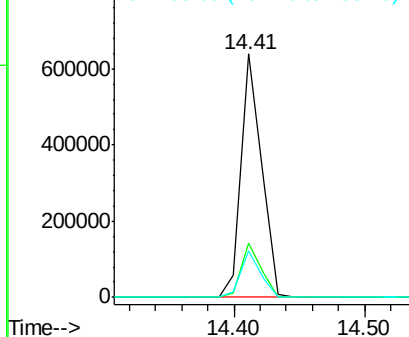
Tot Ion	Ratio	Resp	Lower	Upper
202	100	693857		
200	22.2	17.5	26.3	
203	19.0	14.7	22.1	

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



#78

Terphenyl-d14

Concen: 101.10 ng

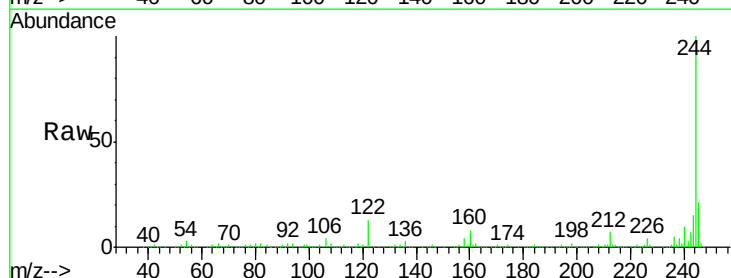
RT: 14.63 min Scan# 1176

Delta R.T. 0.00 min

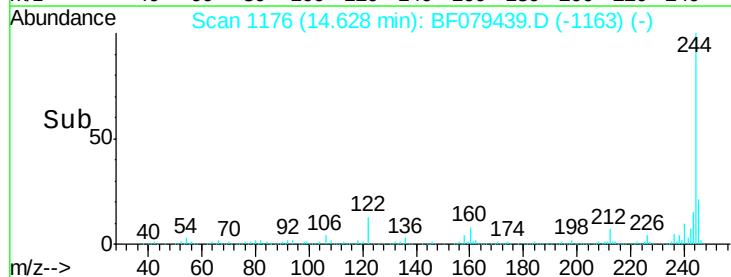
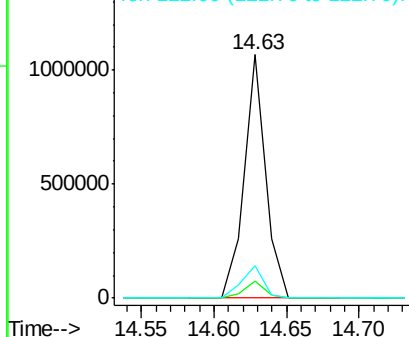
Lab File: BF079439.D

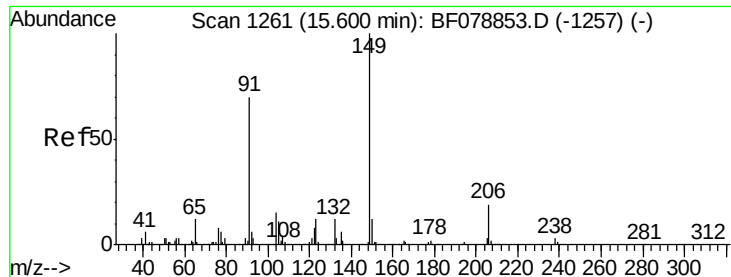
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1098042		
212	6.9	5.6	8.4	
122	13.1	10.5	15.7	



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





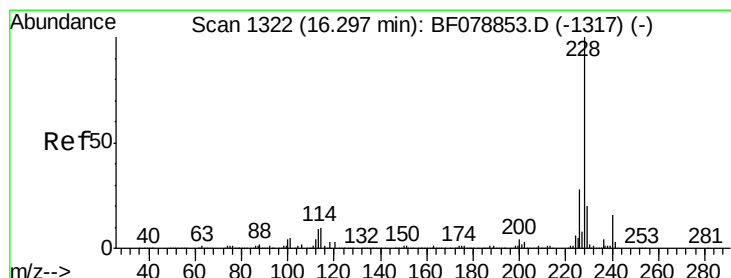
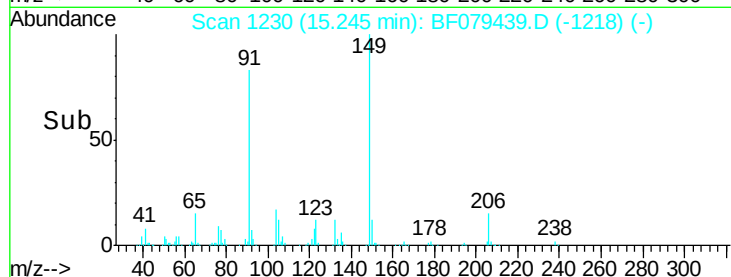
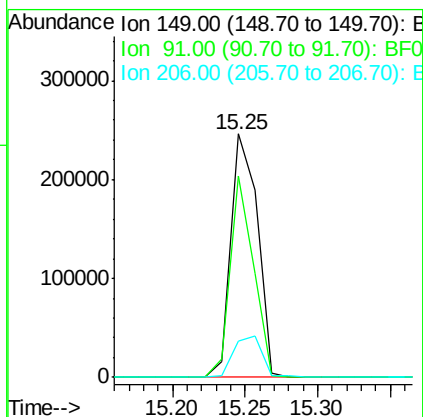
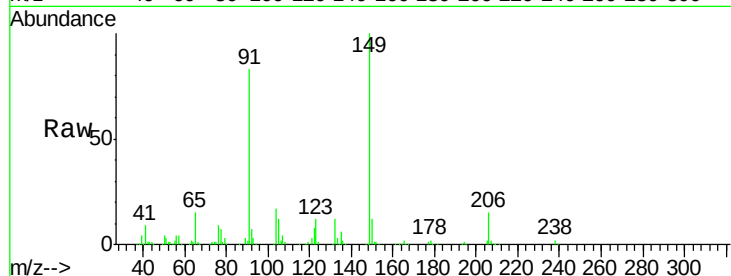
#79
Butylbenzylphthalate
Concen: 47.86 ng
RT: 15.25 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	313501		
91	82.5	56.2	84.2	
206	15.0	15.2	22.8	

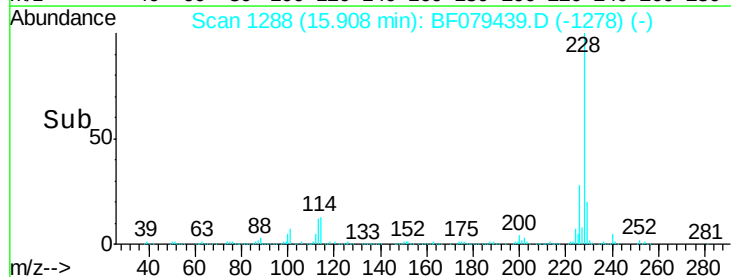
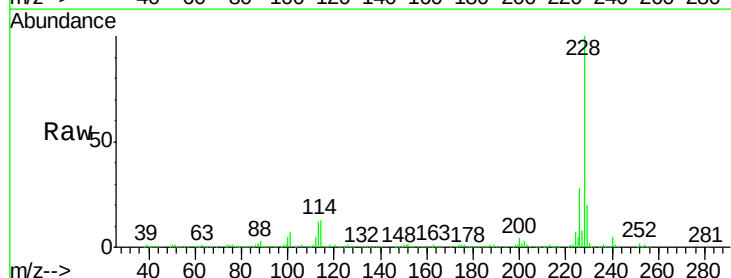
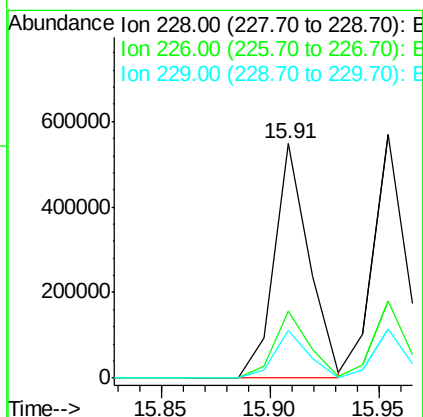
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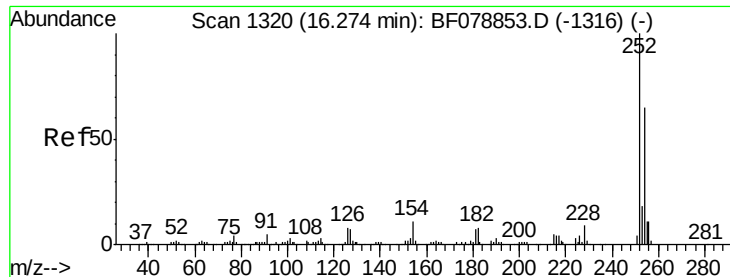
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#80
Benzo(a)anthracene
Concen: 42.91 ng
RT: 15.91 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	610975		
226	28.4	22.3	33.5	
229	20.4	16.1	24.1	





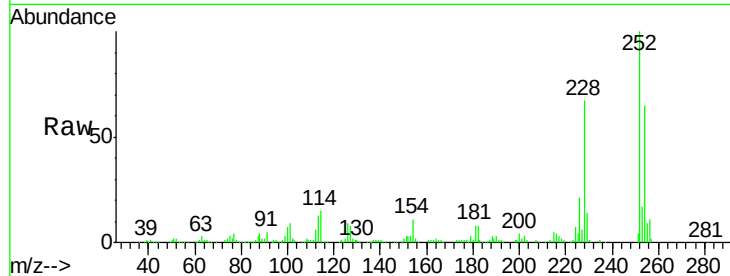
#81
 3,3'-Dichlorobenzidine
 Concen: 34.70 ng
 RT: 15.90 min Scan# 1287
 Delta R.T. -0.03 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

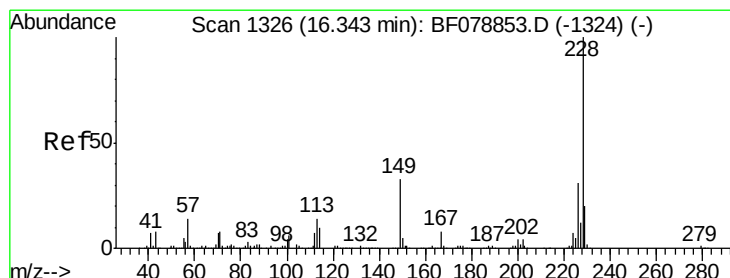
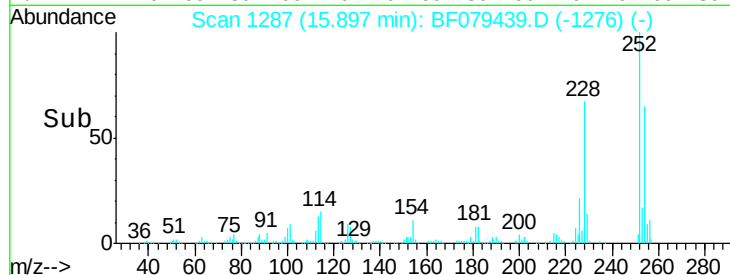
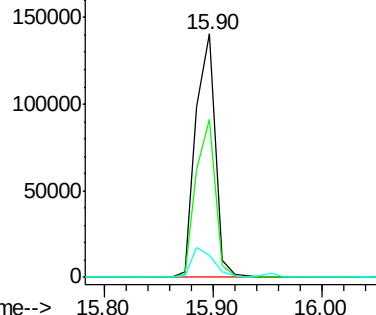
Tot Ion	Ratio	Resp	Lower	Upper
252	100	175980		
254	64.6	52.2	78.2	
126	9.2	6.6	9.8	

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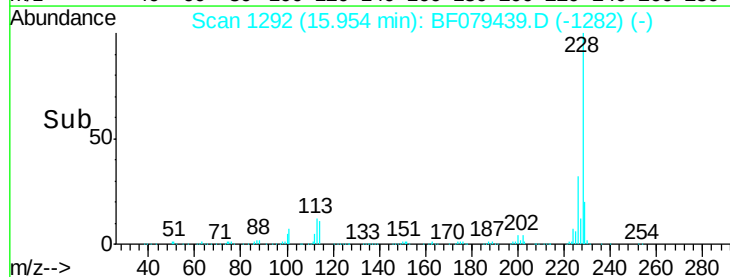
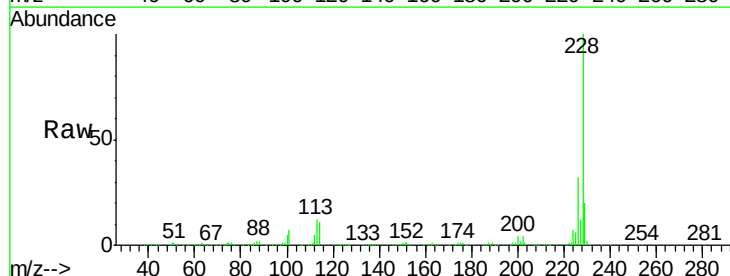
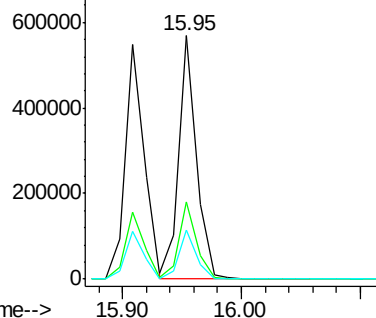
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

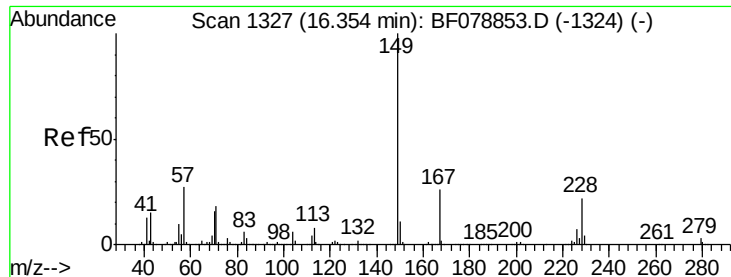


#82
 Chrysene
 Concen: 43.18 ng
 RT: 15.95 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	591352		
226	31.8	24.8	37.2	
229	20.2	16.1	24.1	

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





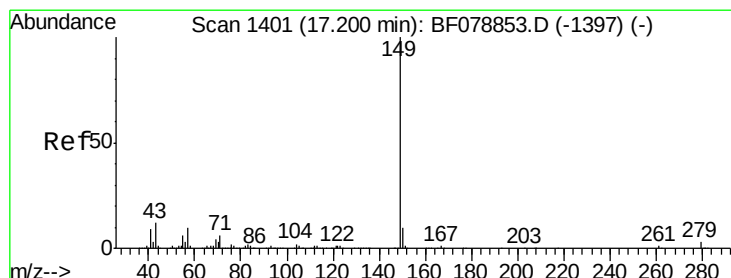
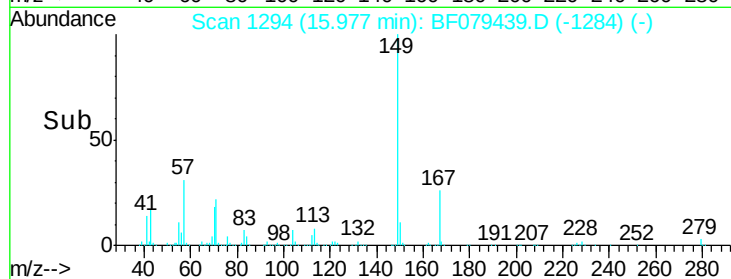
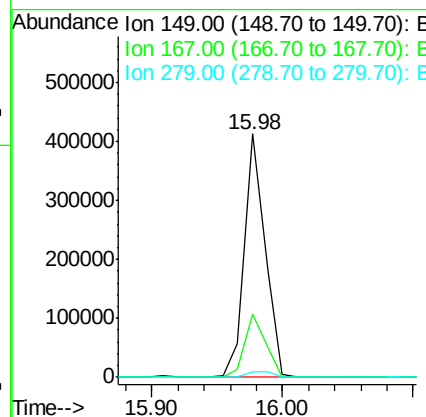
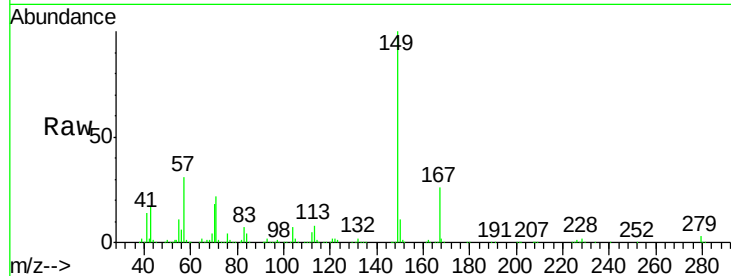
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.53 ng
 RT: 15.98 min Scan# 1294
 Delta R.T. -0.06 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleID :
 PB83558BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	451703		
167	25.7	21.2	31.8	
279	2.5	2.6	4.0	

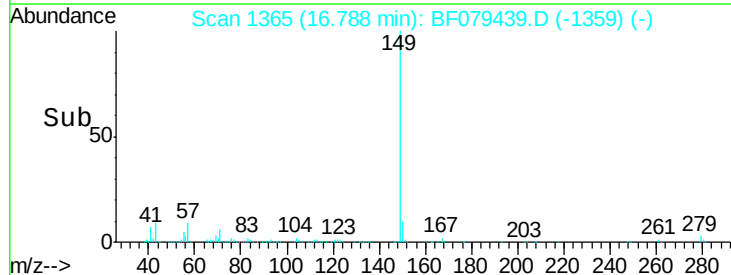
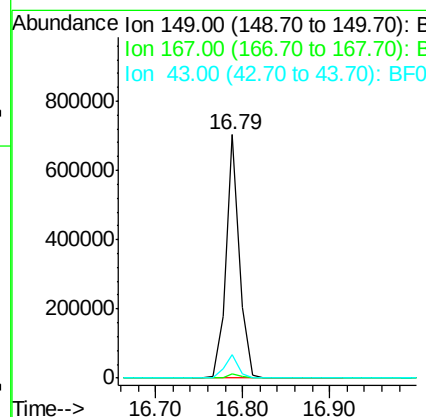
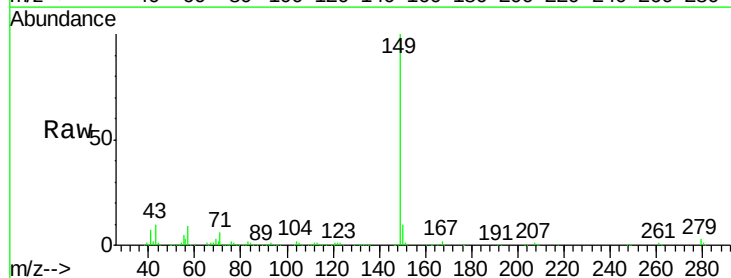
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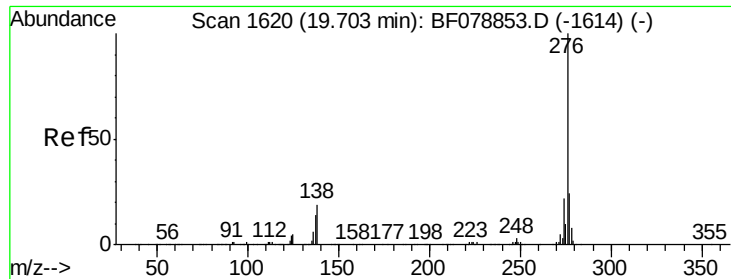
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#84
 Di-n-octyl phthalate
 Concen: 43.39 ng
 RT: 16.79 min Scan# 1365
 Delta R.T. -0.10 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	758178		
167	1.5	1.2	1.8	
43	9.7	9.0	13.6	





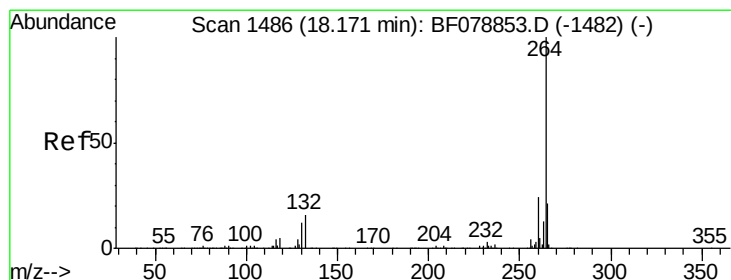
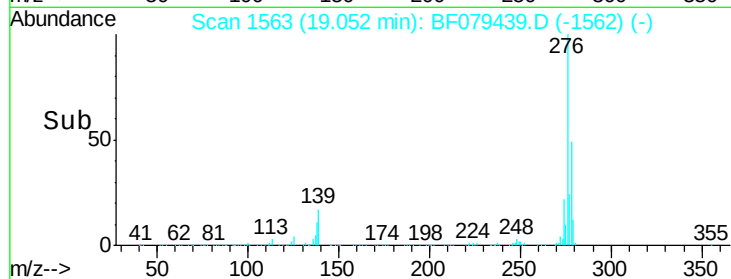
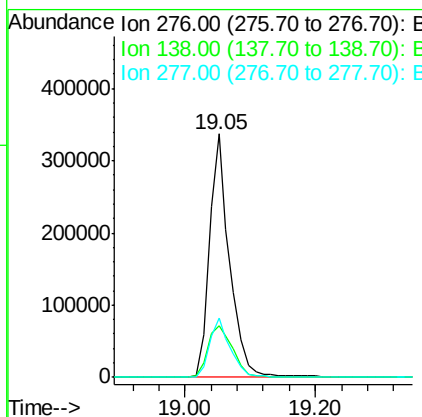
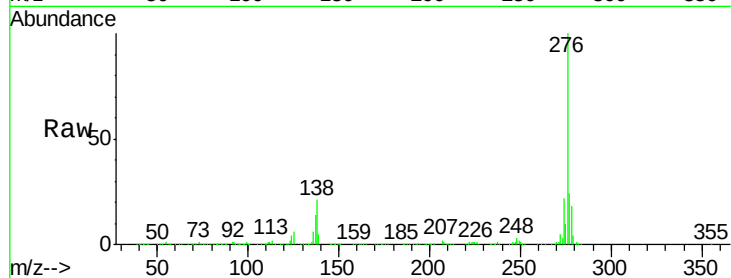
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.49 ng
 RT: 19.05 min Scan# 1563
 Delta R.T. -0.19 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion:	276	Resp:	724024
Ion Ratio	Lower	Upper	
276	100		
138	26.5	21.1	31.7
277	25.3	19.9	29.9

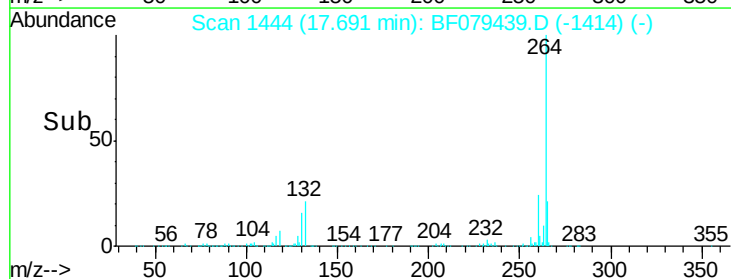
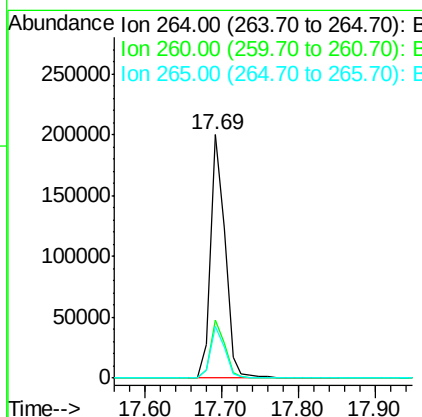
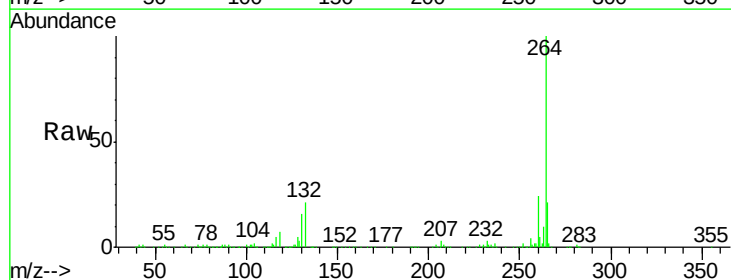
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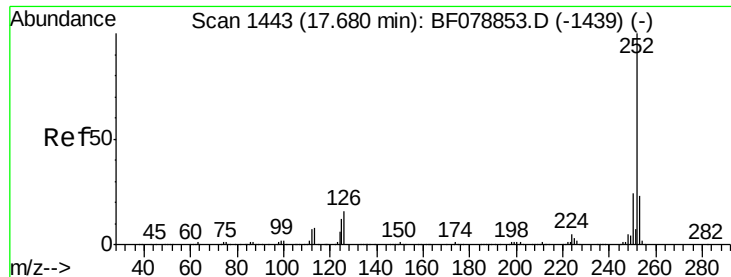
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1444
 Delta R.T. -0.16 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:	264	Resp:	259746
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.1	17.2	25.8





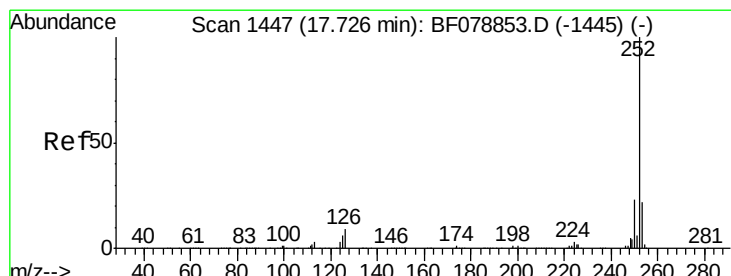
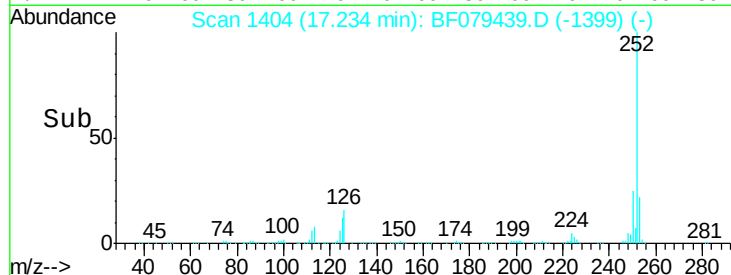
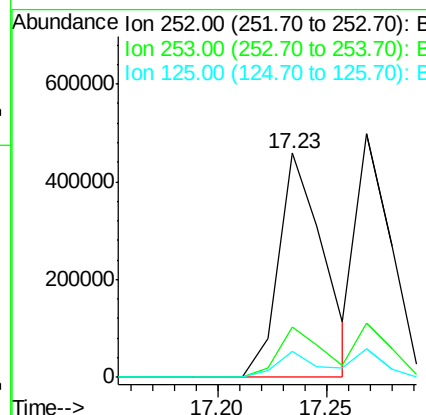
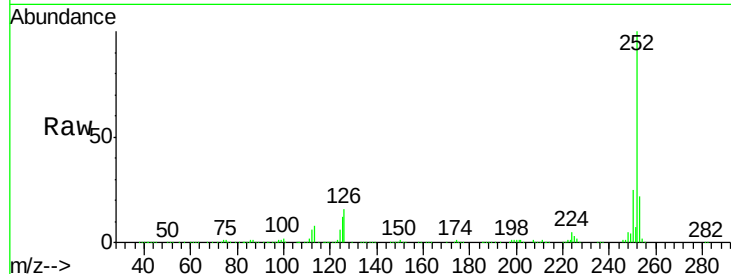
#87
Benzo(b)fluoranthene
Concen: 46.36 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.13 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	18.1	27.1
125	11.6	9.4	14.2

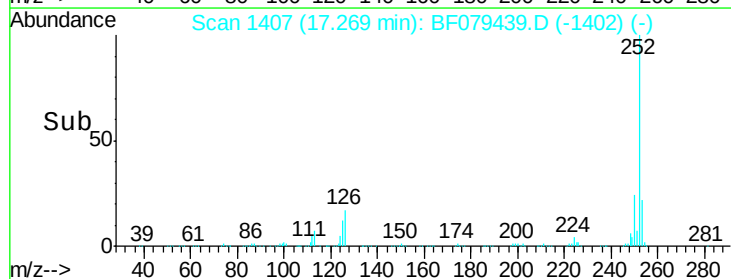
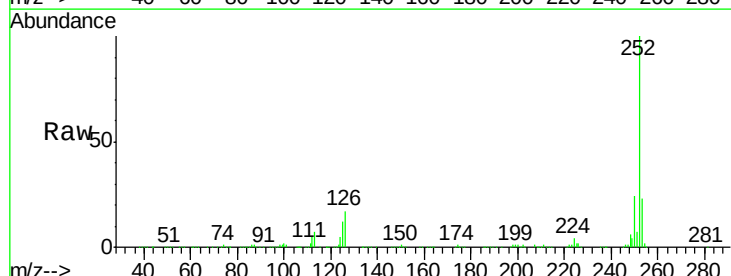
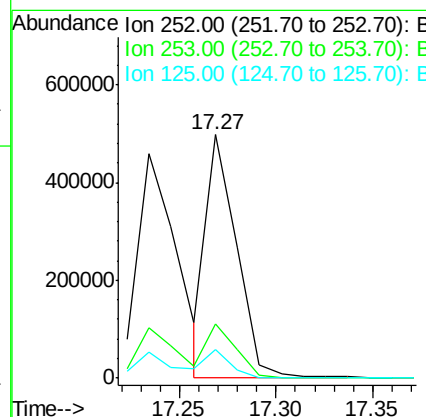
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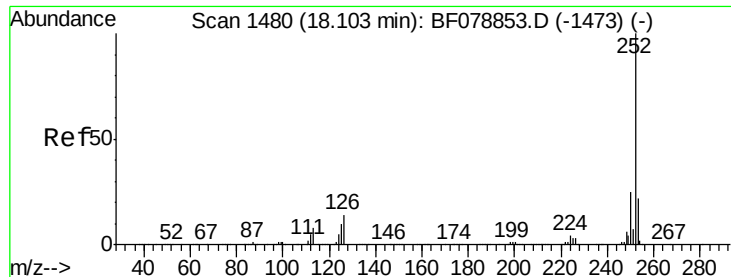
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#88
Benzo(k)fluoranthene
Concen: 40.33 ng m
RT: 17.27 min Scan# 1407
Delta R.T. -0.13 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	17.4	26.0
125	11.8	6.1	9.1#





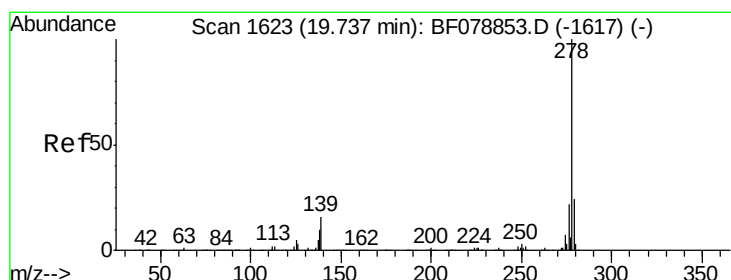
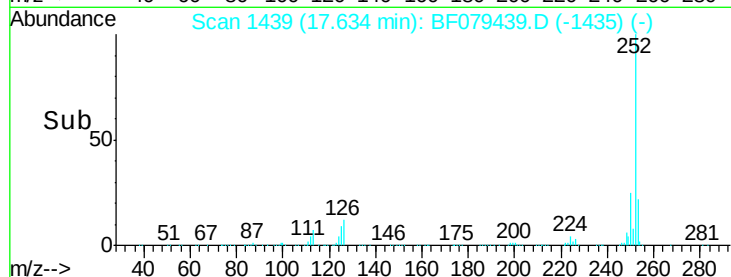
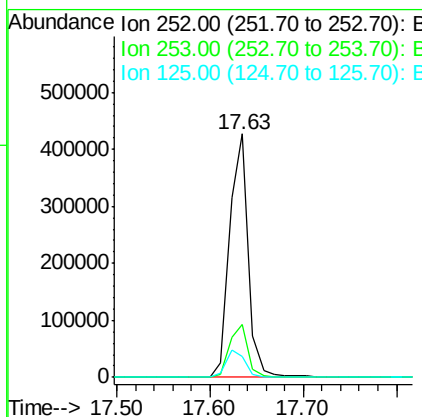
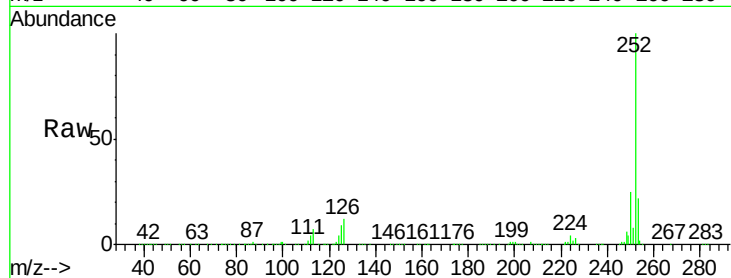
#89
Benzo(a)pyrene
Concen: 45.59 ng
RT: 17.63 min Scan# 1439
Delta R.T. -0.14 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.8	8.2	12.2

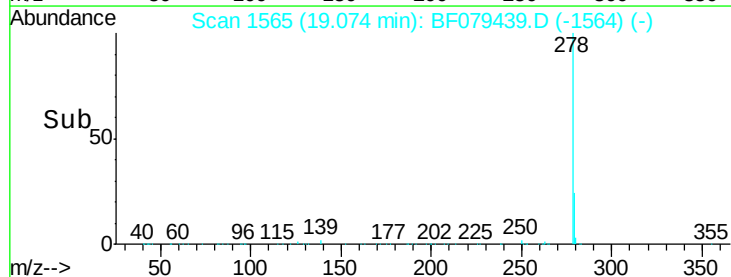
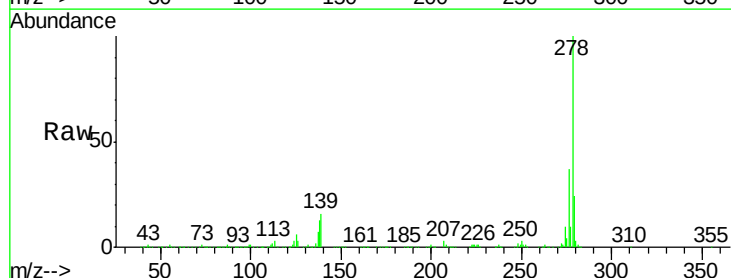
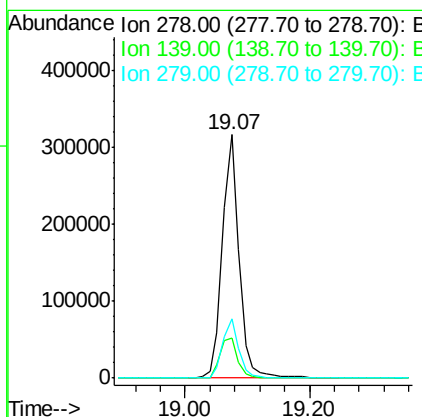
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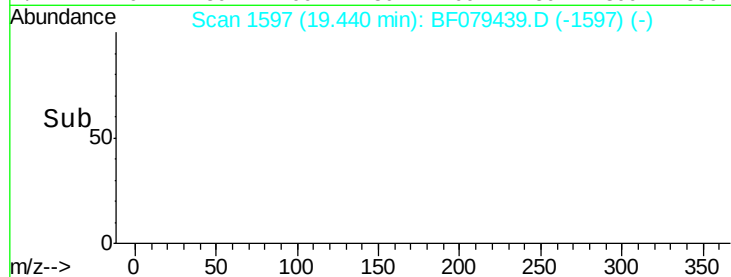
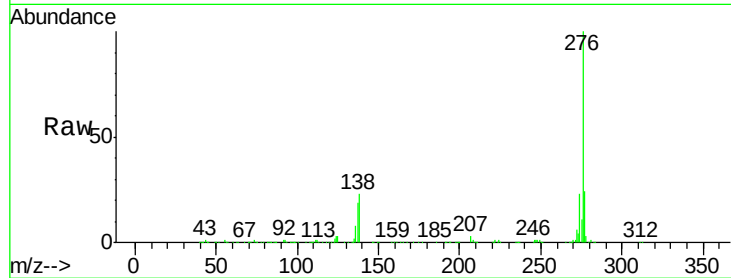
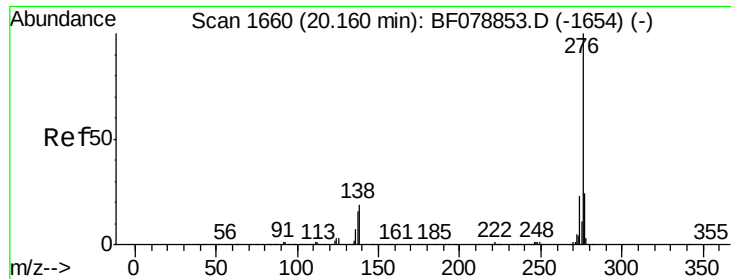
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#90
Dibenzo(a,h)anthracene
Concen: 42.45 ng
RT: 19.07 min Scan# 1565
Delta R.T. -0.19 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.4	13.1	19.7
279	24.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 43.11 ng
 RT: 19.44 min Scan# 1597
 Delta R.T. -0.21 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.1	15.2	22.8

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