

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
 Data File : BF079548.D
 Acq On : 28 May 2015 17:04
 Operator : TP/IZ
 Sample : G2386-12MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SSMS

Manual Integrations
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apatel
 5/29/2015 5:12:10 PM

Quant Time: May 29 09:03:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 18:41:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	67194	20.00	ng	0.00
21) Naphthalene-d8	8.54	136	279830	20.00	ng	0.00
38) Acenaphthene-d10	10.71	164	134492	20.00	ng	0.00
63) Phenanthrene-d10	12.54	188	257927	20.00	ng	0.00
75) Chrysene-d12	15.83	240	258043	20.00	ng	-0.01
86) Perylene-d12	17.57	264	295218	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	392464m	101.31	ng	0.02
7) Phenol-d6	6.57	99	533480	108.04	ng	0.01
23) Nitrobenzene-d5	7.67	82	306334	63.28	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	156440	105.90	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	601904	63.85	ng	0.00
78) Terphenyl-d14	14.54	244	675289	61.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.78	88	62116m	33.71	ng	
3) Pyridine	2.43	79	127134m	31.33	ng	
4) n-Nitrosodimethylamine	2.35	42	63062m	31.56	ng	
6) Aniline	6.60	93	104109m	14.86	ng	
8) 2-Chlorophenol	6.71	128	157705m	34.97	ng	
9) Benzaldehyde	6.41	77	15638	3.65	ng	95
10) Phenol	6.58	94	202665m	34.86	ng	
11) bis(2-Chloroethyl)ether	6.66	93	149579	35.57	ng	98
12) 1,3-Dichlorobenzene	6.88	146	157165	31.46	ng	98
13) 1,4-Dichlorobenzene	6.98	146	167883	32.94	ng	99
14) 1,2-Dichlorobenzene	7.16	146	157945	33.37	ng	99
15) Benzyl Alcohol	7.16	79	134516m	37.07	ng	
16) 2,2'-oxybis(1-Chloropropan	7.34	45	215471	35.00	ng	74
17) 2-Methylphenol	7.32	107	124362	35.10	ng	97
18) Hexachloroethane	7.58	117	55956	31.90	ng	95
19) n-Nitroso-di-n-propylamine	7.50	70	118276	34.04	ng	# 90
20) 3+4-Methylphenols	7.52	107	164714	33.83	ng	89
22) Acetophenone	7.48	105	222996	35.57	ng	# 90
24) Nitrobenzene	7.69	77	155856	32.67	ng	# 80
25) Isophorone	7.99	82	303839	34.43	ng	96
26) 2-Nitrophenol	8.08	139	82009	36.30	ng	95
27) 2,4-Dimethylphenol	8.16	122	123011	30.29	ng	94
28) bis(2-Chloroethoxy)methane	8.27	93	196279	35.89	ng	97
29) 2,4-Dichlorophenol	8.40	162	134294	36.10	ng	97
30) 1,2,4-Trichlorobenzene	8.48	180	131410	34.06	ng	93
31) Naphthalene	8.57	128	504109	37.54	ng	98
33) 4-Chloroaniline	8.66	127	132747m	23.66	ng	
34) Hexachlorobutadiene	8.72	225	70017	31.90	ng	98
35) Caprolactam	9.08	113	42977	36.64	ng	97
36) 4-Chloro-3-methylphenol	9.28	107	141634	36.71	ng	91
37) 2-Methylnaphthalene	9.43	142	354132	37.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	127389	33.86	ng	# 100
40) Hexachlorocyclopentadiene	9.61	237	36184	43.24	ng	97
42) 2,4,6-Trichlorophenol	9.79	196	86608	32.97	ng	96

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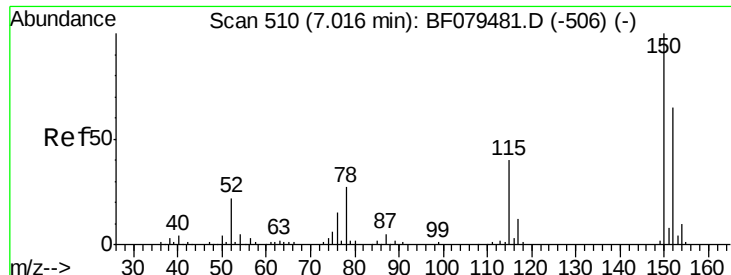
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.84	196	96016	36.72	nq	# 87
45) 1,1'-Biphenyl	10.01	154	381865	36.35	nq	99
46) 2-Chloronaphthalene	10.02	162	284786	34.33	nq	98
47) 2-Nitroaniline	10.17	65	88951	36.06	nq	# 56
48) Acenaphthylene	10.54	152	683489	49.63	nq	99
49) Dimethylphthalate	10.41	163	386825	39.04	nq	# 98
50) 2,6-Dinitrotoluene	10.48	165	74189	37.47	nq	# 79
51) Acenaphthene	10.74	154	271367	34.46	nq	98
52) 3-Nitroaniline	10.69	138	75637	29.37	nq	# 74
53) 2,4-Dinitrophenol	10.83	184	10016	22.99	nq	95
54) Dibenzofuran	10.96	168	433702	37.34	nq	99
55) 4-Nitrophenol	10.93	139	125094m	87.60	nq	
56) 2,4-Dinitrotoluene	10.98	165	98539	37.11	nq	# 70
57) Fluorene	11.38	166	353429	36.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.13	232	72702	38.21	nq	# 100
59) Diethylphthalate	11.28	149	350229	36.10	nq	97
60) 4-Chlorophenyl-phenylether	11.39	204	142182	34.37	nq	96
61) 4-Nitroaniline	11.43	138	66720	27.81	nq	97
62) Azobenzene	11.59	77	320363	33.95	nq	98
64) 4,6-Dinitro-2-methylphenol	11.49	198	24840	23.27	nq	81
65) n-Nitrosodiphenylamine	11.55	169	288729	33.70	nq	99
66) 4-Bromophenyl-phenylether	12.00	248	91130	34.31	nq	96
67) Hexachlorobenzene	12.06	284	100999	33.35	nq	98
68) Atrazine	12.23	200	89113	38.51	nq	98
69) Pentachlorophenol	12.32	266	91450	78.83	nq	98
70) Phenanthrene	12.57	178	592739	41.89	nq	100
71) Anthracene	12.63	178	620474	43.19	nq	99
72) Carbazole	12.85	167	494405	35.75	nq	99
73) Di-n-butylphthalate	13.30	149	571579	36.59	nq	99
74) Fluoranthene	14.03	202	803029	52.92	nq	93
76) Benzidine	14.23	184	13728	2.48	nq	# 85
77) Pyrene	14.32	202	865116	54.11	nq	100
79) Butylbenzylphthalate	15.15	149	257566	35.82	nq	97
80) Benzo(a)anthracene	15.82	228	789627m	53.19	nq	
81) 3,3'-Dichlorobenzidine	15.79	252	145338	26.74	nq	# 96
82) Chrysene	15.86	228	668907	47.41	nq	98
83) Bis(2-ethylhexyl)phthalate	15.90	149	1626484	157.91	nq	# 95
84) Di-n-octyl phthalate	16.70	149	718643	40.09	nq	# 99
85) Indeno(1,2,3-cd)pyrene	18.87	276	904277	49.83	nq	99
87) Benzo(b)fluoranthene	17.13	252	1045249m	62.08	nq	
88) Benzo(k)fluoranthene	17.15	252	668198m	44.38	nq	
89) Benzo(a)pyrene	17.51	252	814305	55.61	nq	98
90) Dibenzo(a,h)anthracene	18.89	278	601809	38.75	nq	99
91) Benzo(g,h,i)perylene	19.26	276	780298	50.33	nq	# 94

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



#1

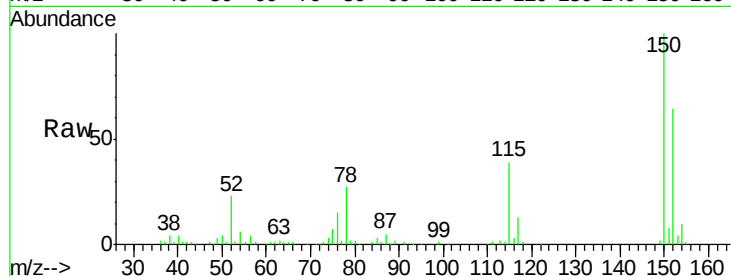
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.0	186.0
115	61.7	49.6	74.4

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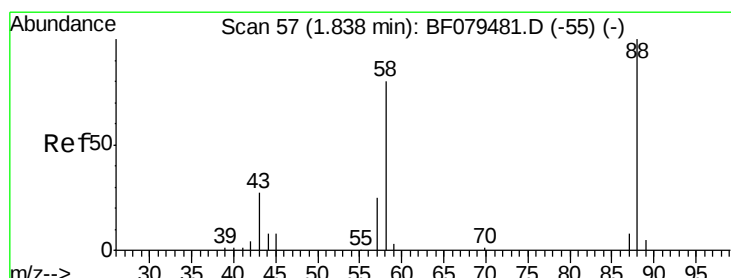
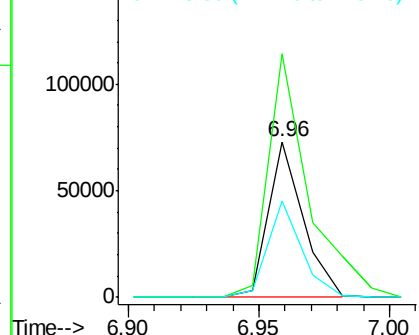
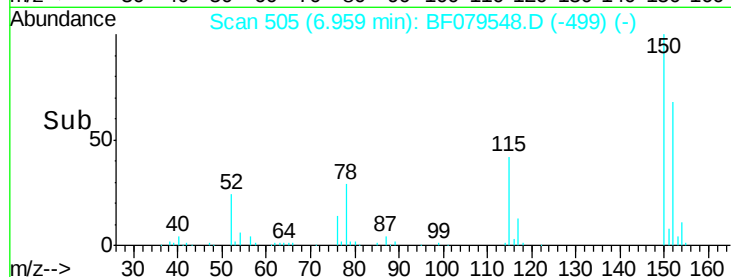


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

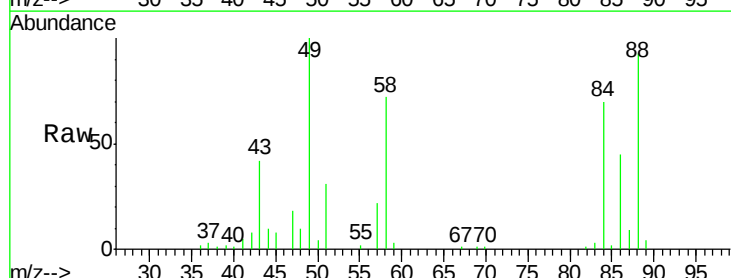
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.71 ng m
RT: 1.78 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0

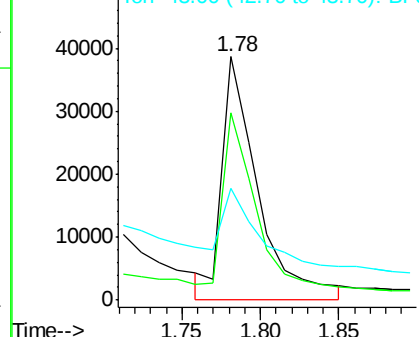
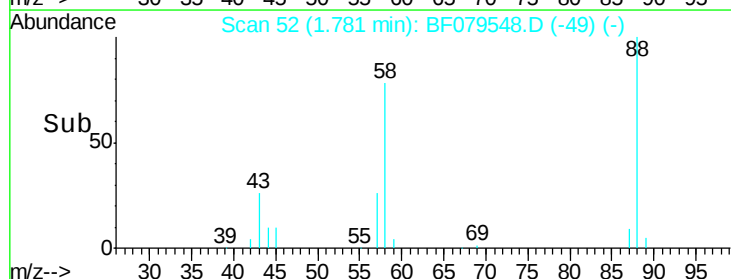


Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.33 ng m

RT: 2.43 min Scan# 109

Delta R.T. 0.03 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

ClientSampleId :

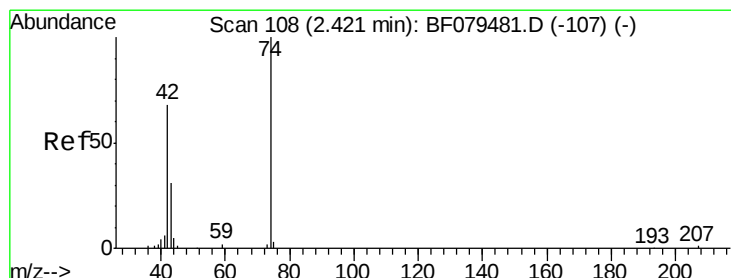
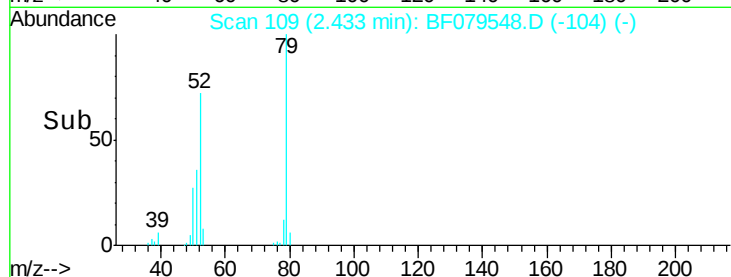
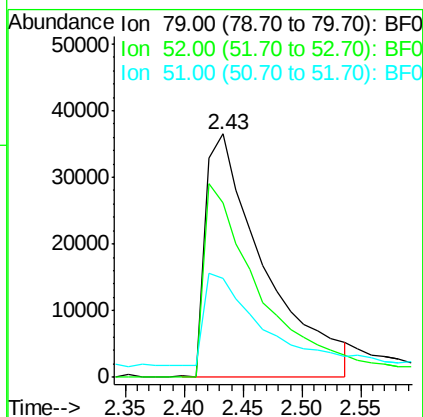
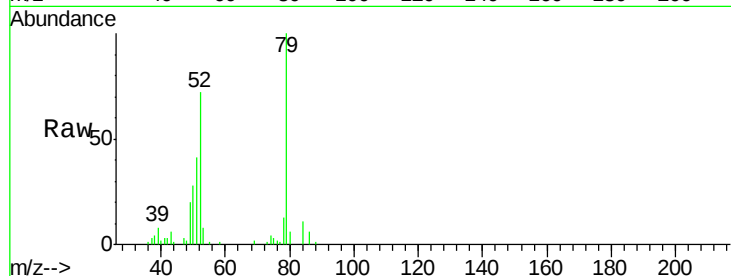
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Tot Ion:	79	Resp:	127134
Ion	Ratio	Lower	Upper
79	100		
52	71.5	57.4	86.2
51	40.5	29.4	44.0



#4

n-Nitrosodimethylamine

Concen: 31.56 ng m

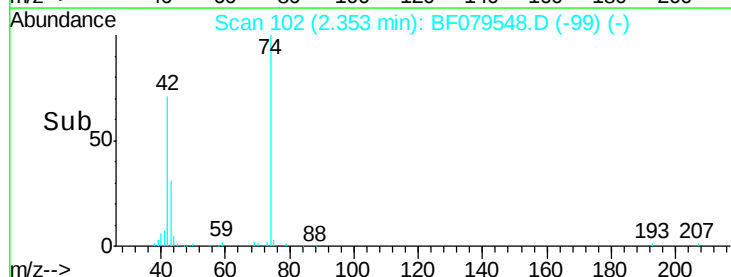
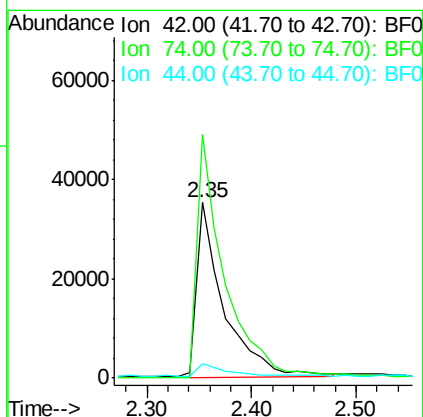
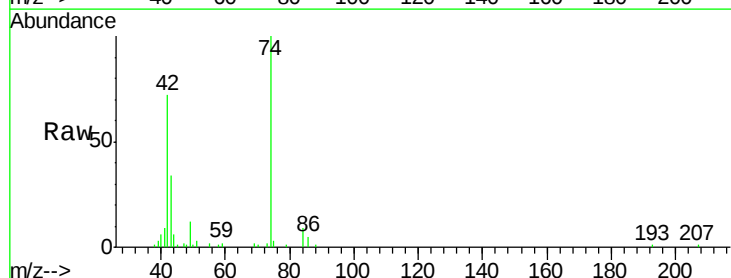
RT: 2.35 min Scan# 102

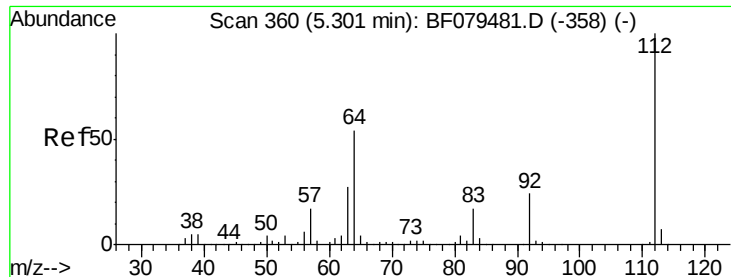
Delta R.T. 0.01 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:	42	Resp:	63062
Ion	Ratio	Lower	Upper
42	100		
74	138.9	117.6	176.4
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 101.31 ng/mL

RT: 5.26 min Scan# 356

Delta R.T. 0.02 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

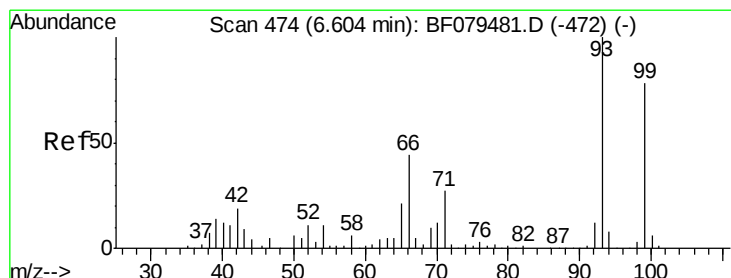
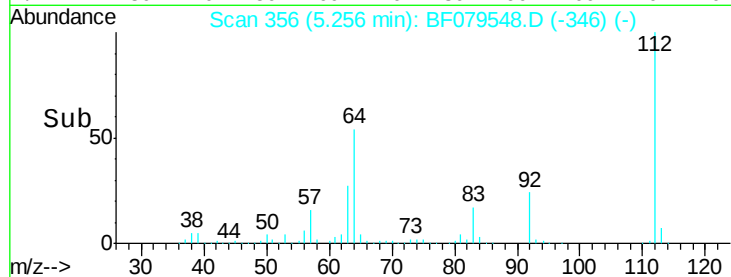
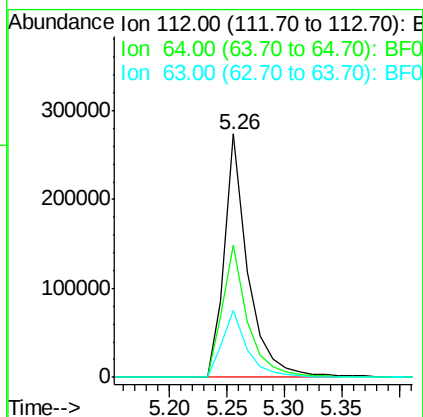
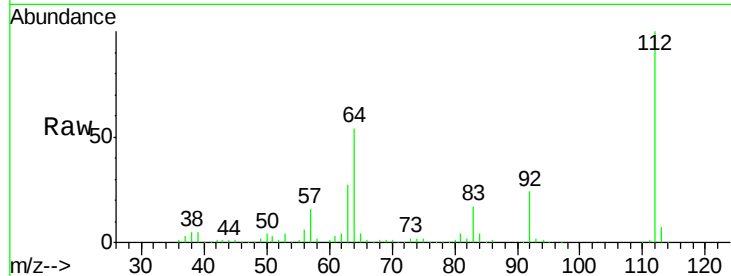
ClientSampled :

TP-8-SSMS

Tot Ion:	112	Resp:	392464
Ion Ratio	Lower	Upper	
112	100		
64	54.5	43.5	65.3
63	27.5	21.8	32.8

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#6

Aniline

Concen: 14.86 ng/mL

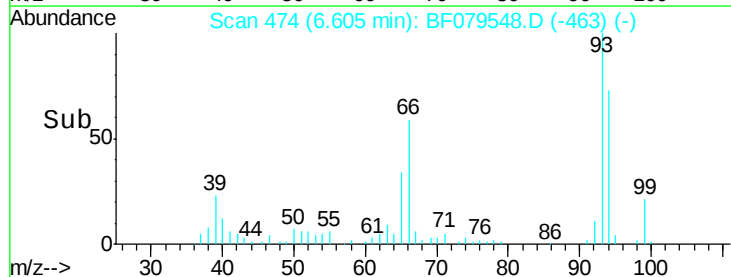
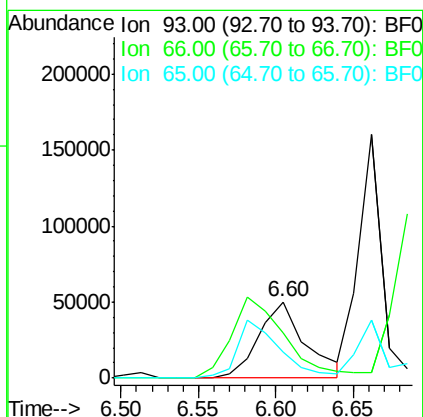
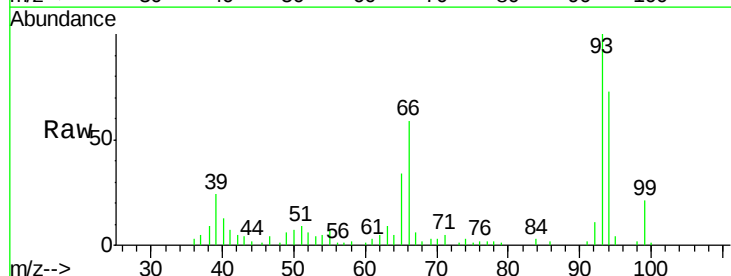
RT: 6.60 min Scan# 474

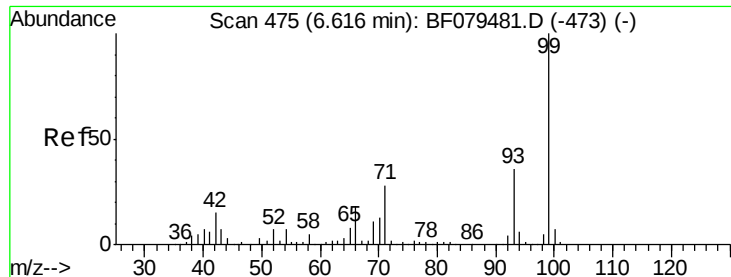
Delta R.T. 0.06 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:	93	Resp:	104109
Ion Ratio	Lower	Upper	
93	100		
66	58.6	34.8	52.2#
65	33.8	16.7	25.1#





#7

Phenol-d6

Concen: 108.04 ng

RT: 6.57 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

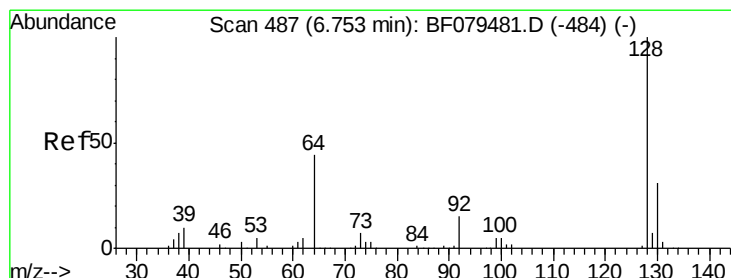
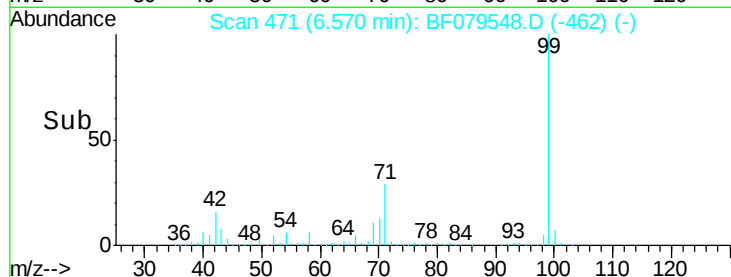
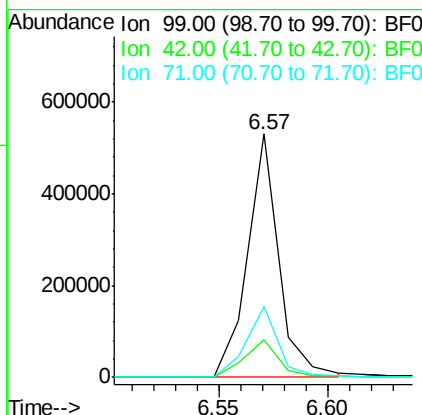
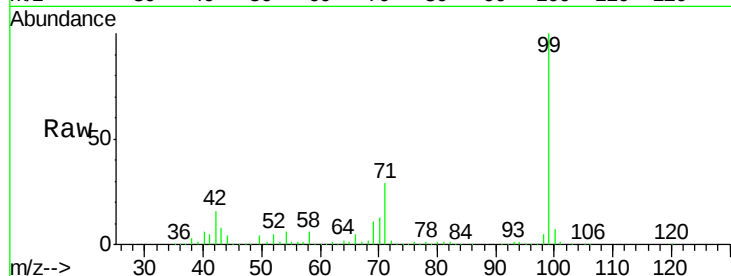
ClientSampleId :

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Tot Ion:	99	Resp:	533480
Ion Ratio	Lower	Upper	
99	100		
42	15.6	11.9	17.9
71	29.3	22.1	33.1

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#8

2-Chlorophenol

Concen: 34.97 ng m

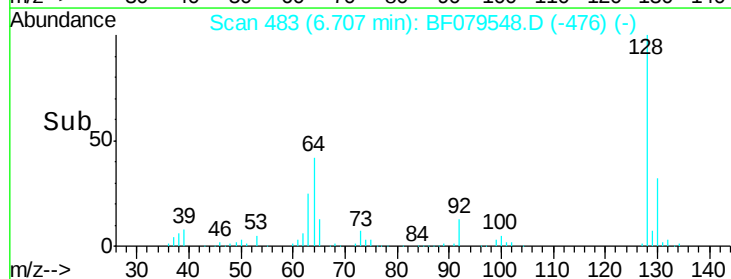
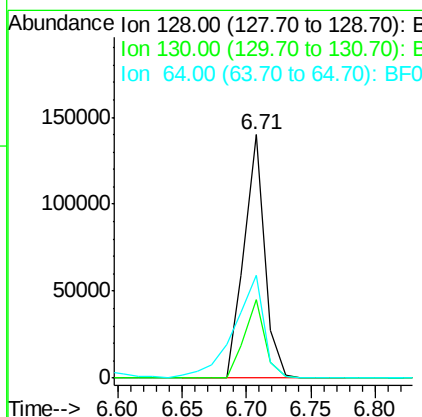
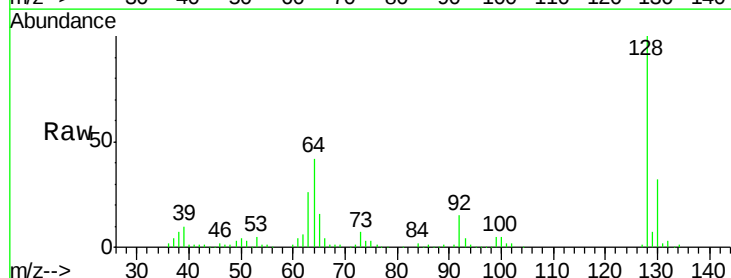
RT: 6.71 min Scan# 483

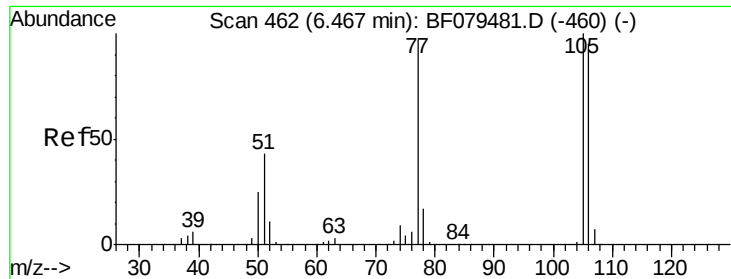
Delta R.T. 0.01 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:	128	Resp:	157705
Ion Ratio	Lower	Upper	
128	100		
130	32.3	11.4	51.4
64	42.3	25.9	65.9





#9

Benzaldehyde

Concen: 3.65 ng

RT: 6.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

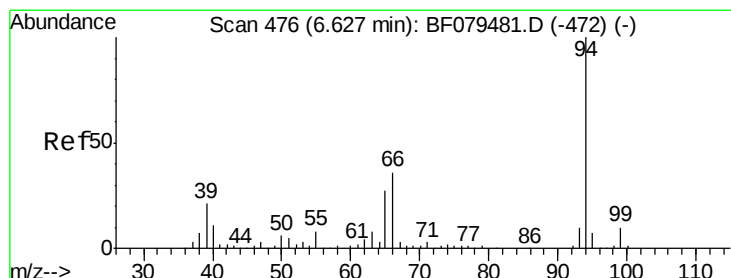
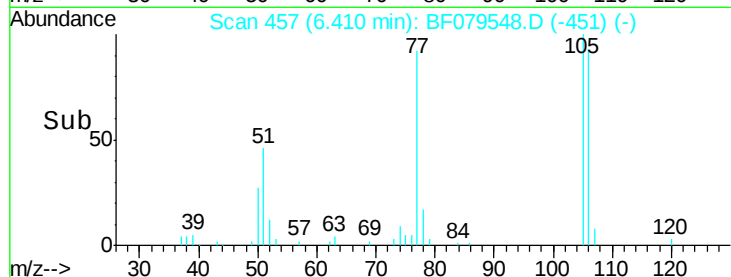
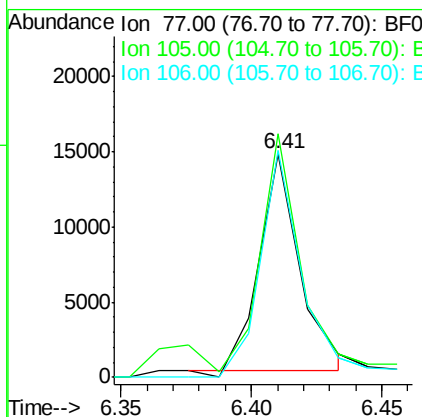
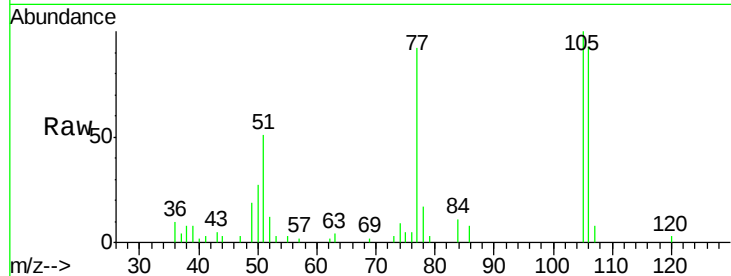
ClientSampleId :

TP-8-SSMS

Tot Ion:	77	Resp:	15638
Ion	Ratio	Lower	Upper
77	100		
105	109.0	83.3	123.3
106	101.8	78.4	118.4

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#10

Phenol

Concen: 34.86 ng m

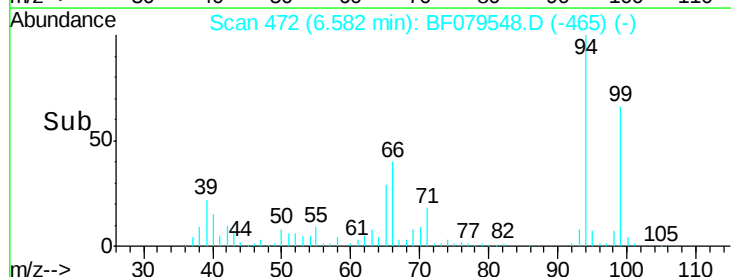
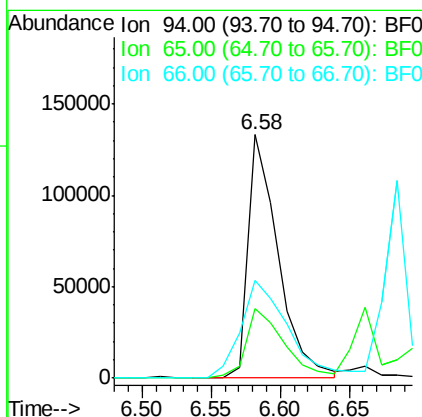
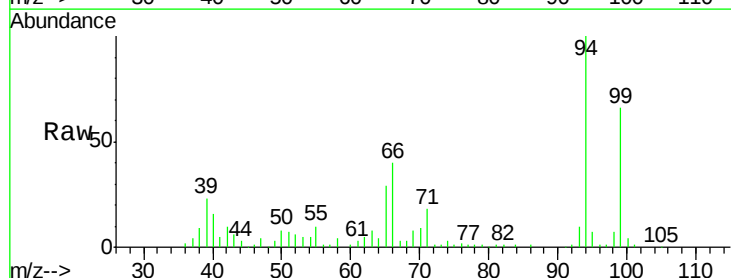
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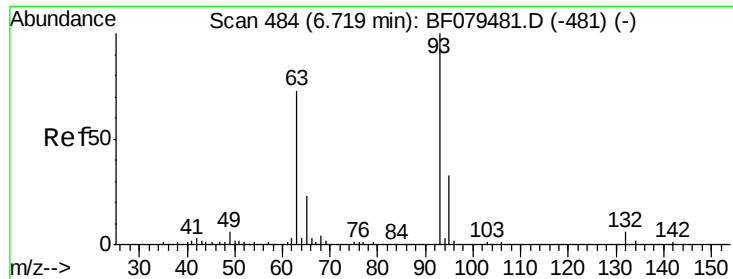
Delta R.T. 0.01 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:	94	Resp:	202665
Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.2	47.2
66	40.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.57 ng

RT: 6.66 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

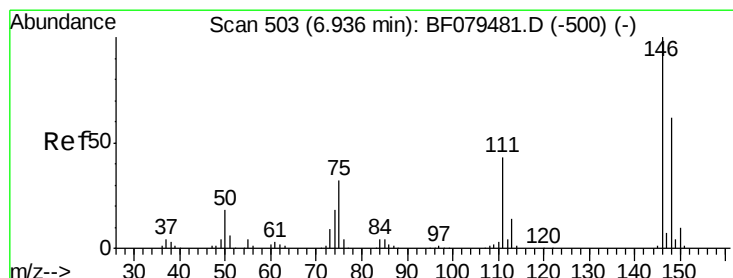
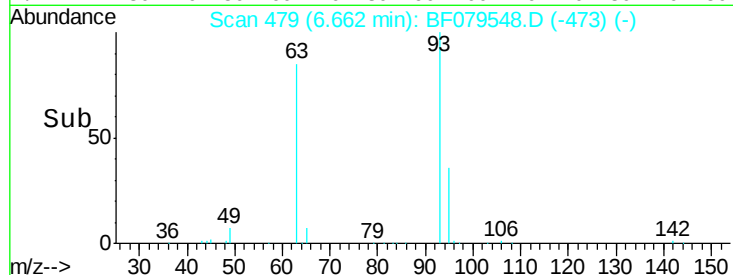
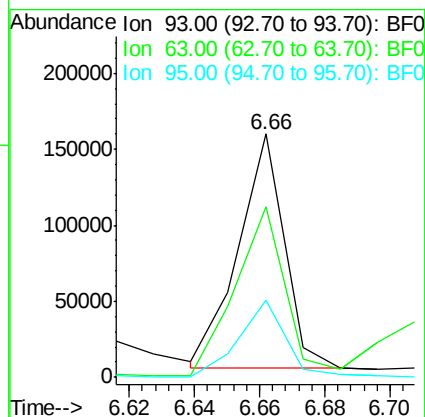
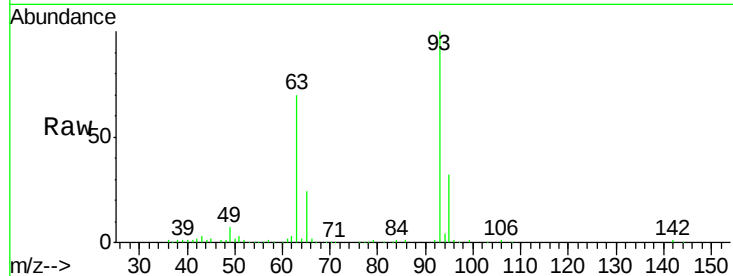
ClientSampleId :

TP-8-SSMS

Tot Ion:	93	Resp:	149579
Ion Ratio	Lower	Upper	
93	100		
63	70.1	51.8	91.8
95	31.6	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 31.46 ng

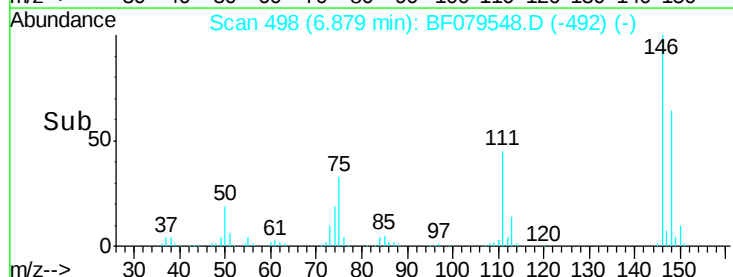
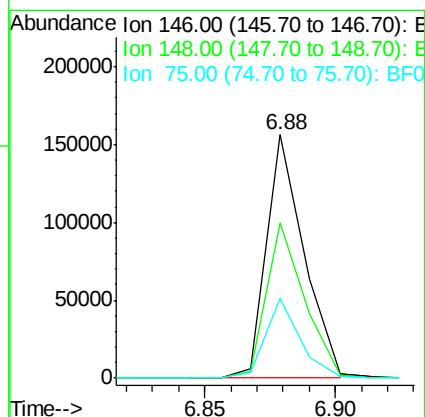
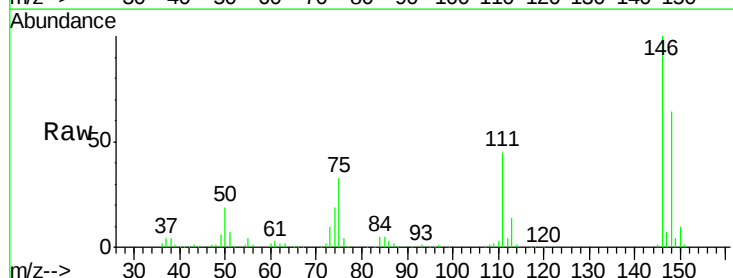
RT: 6.88 min Scan# 498

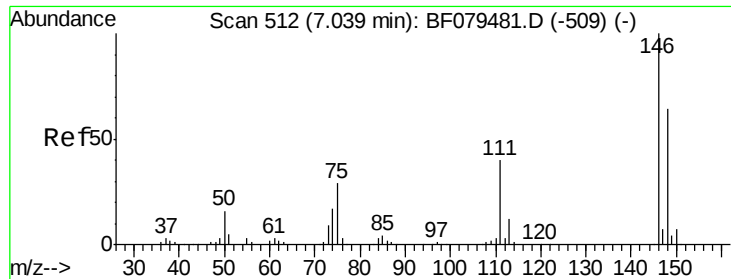
Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:	146	Resp:	157165
Ion Ratio	Lower	Upper	
146	100		
148	63.6	49.6	74.4
75	32.9	25.9	38.9





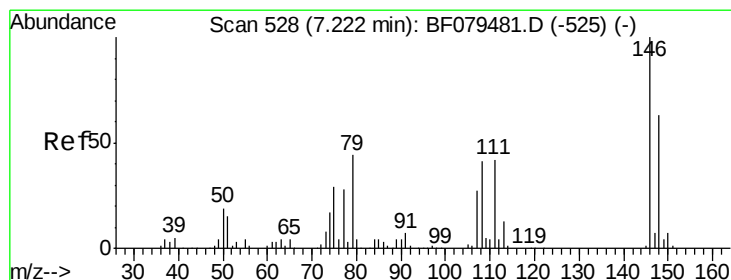
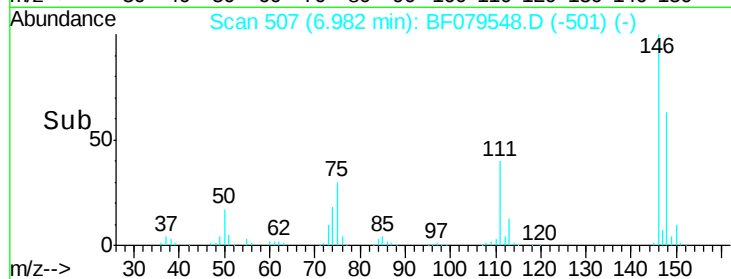
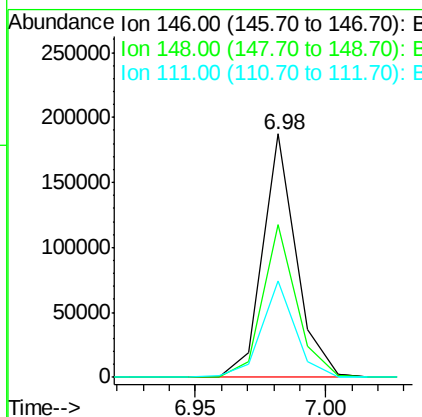
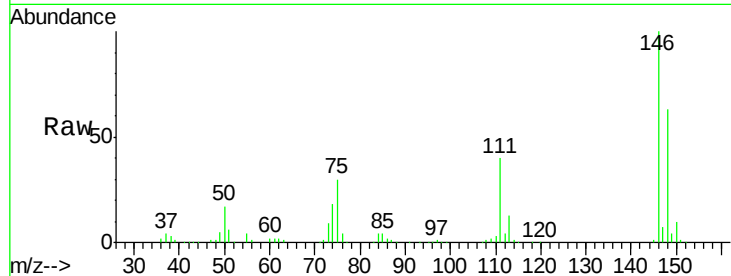
#13
 1,4-Dichlorobenzene
 Concen: 32.94 ng
 RT: 6.98 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Instrument :
 BNA_F
 ClientSampled :
 TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
111	39.7	31.8	47.8

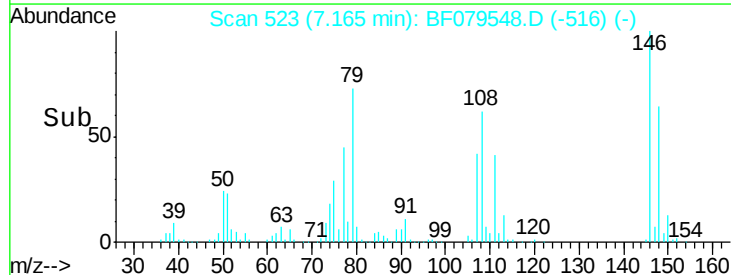
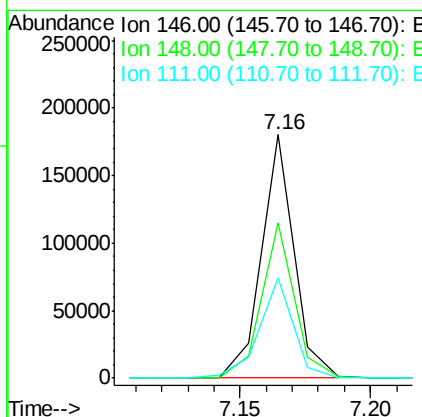
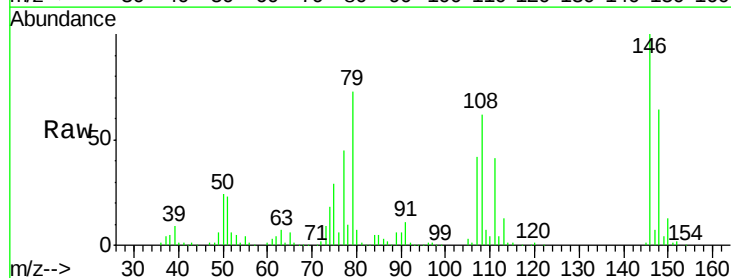
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 33.37 ng
 RT: 7.16 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
111	41.4	33.2	49.8





#15

Benzyl Alcohol

Concen: 37.07 ng/ml

RT: 7.16 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

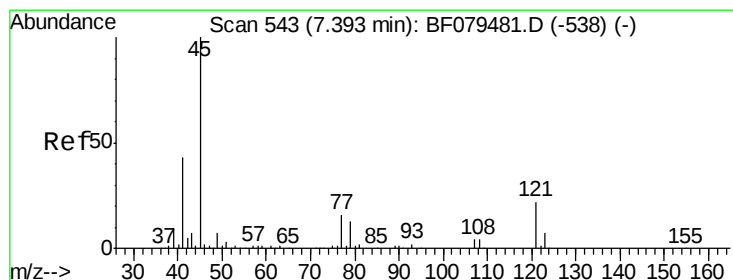
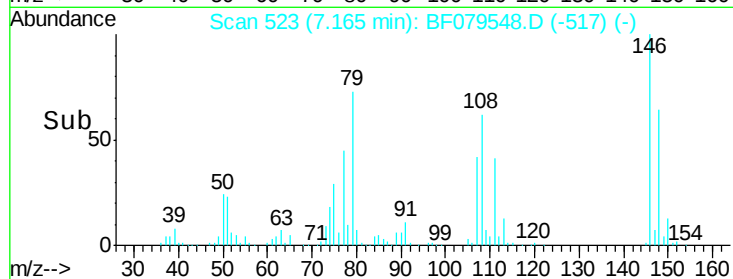
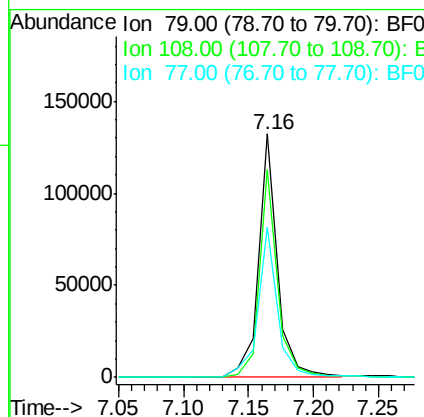
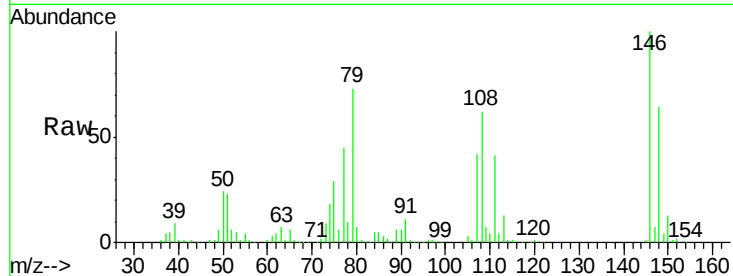
ClientSampleId :

TP-8-SSMS

Tot Ion:	79	Resp:	134516
Ion Ratio	Lower	Upper	
79	100		
108	85.1	73.7	110.5
77	61.4	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.00 ng

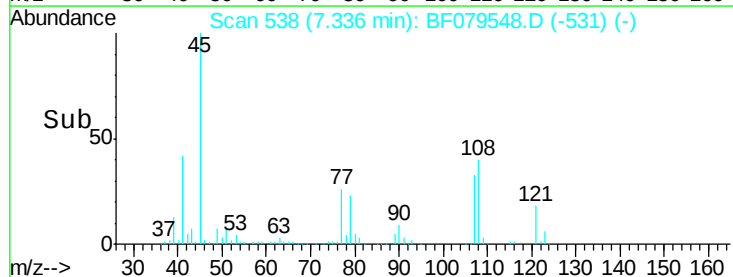
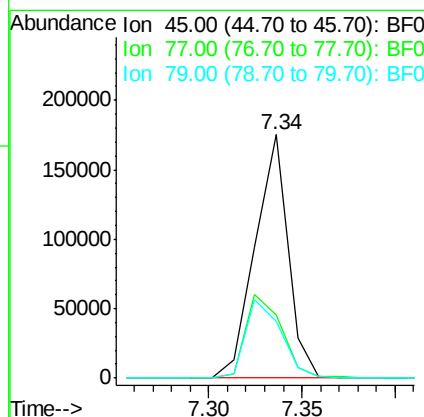
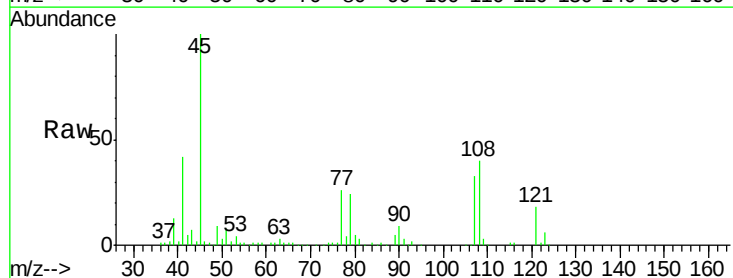
RT: 7.34 min Scan# 538

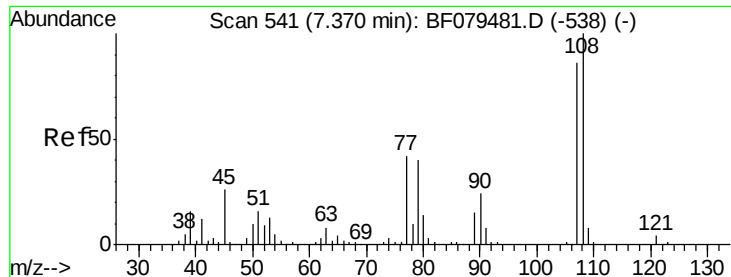
Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:	45	Resp:	215471
Ion Ratio	Lower	Upper	
45	100		
77	26.1	0.0	35.5
79	23.6	0.0	32.8





#17

2-Methylphenol

Concen: 35.10 ng

RT: 7.32 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

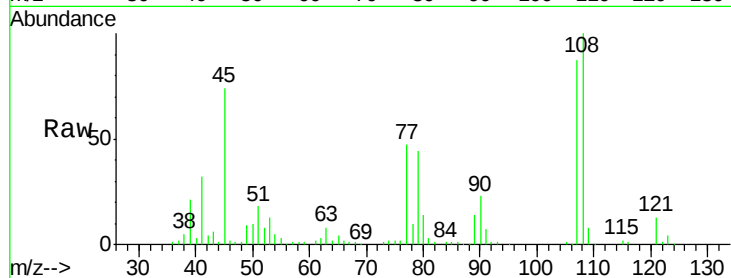
ClientSampleId :

TP-8-SSMS

Tot Ion:	107	Resp:	124362
Ion Ratio	Lower	Upper	
107	100		
108	115.5	93.1	139.7
77	54.3	39.2	58.8
79	50.5	37.8	56.8

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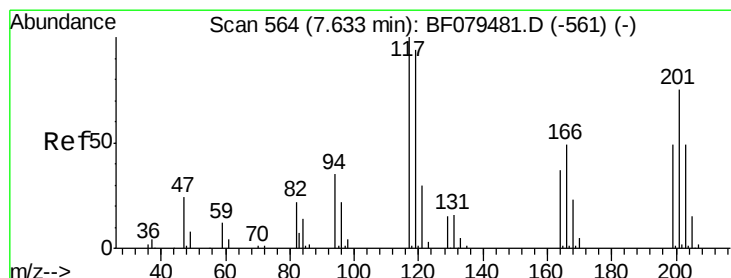
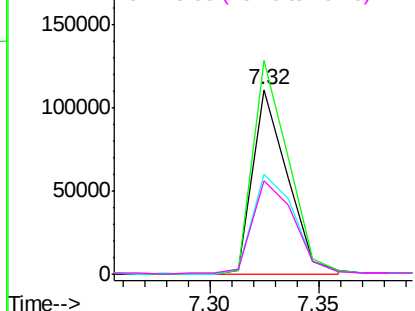
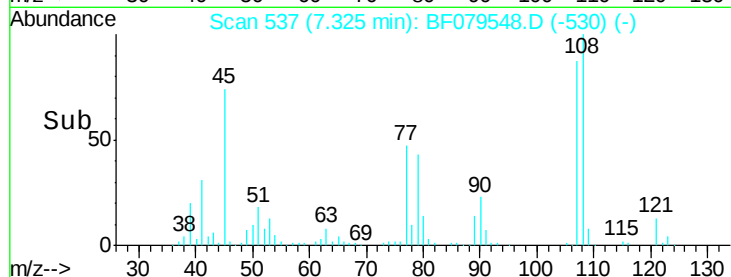


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.90 ng

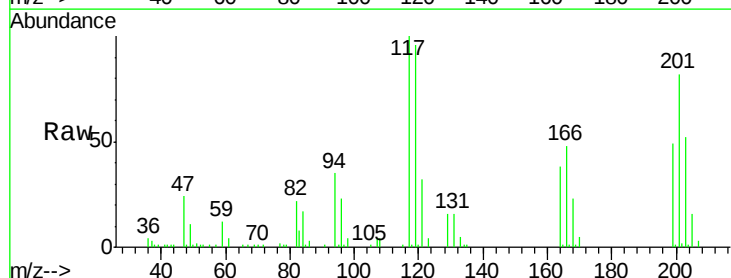
RT: 7.58 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

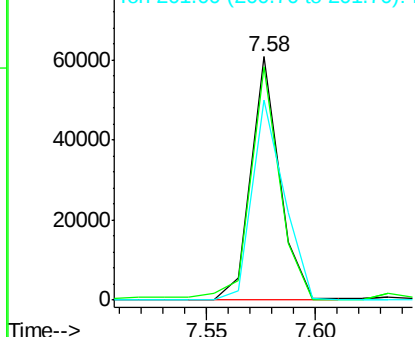
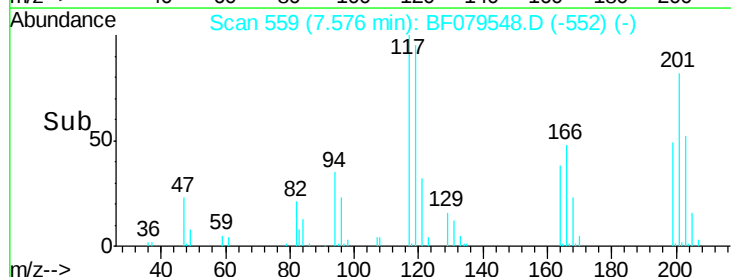
Tgt Ion:	117	Resp:	55956
Ion Ratio	Lower	Upper	
117	100		
119	95.8	74.9	112.3
201	82.2	60.2	90.4

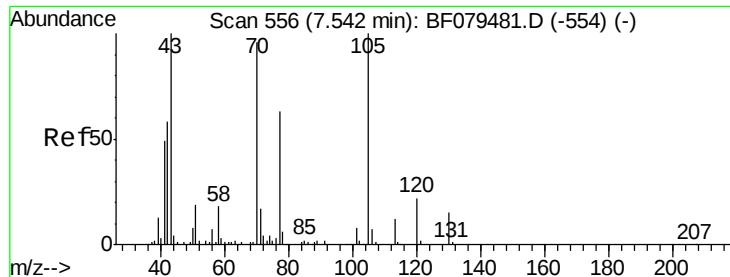


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





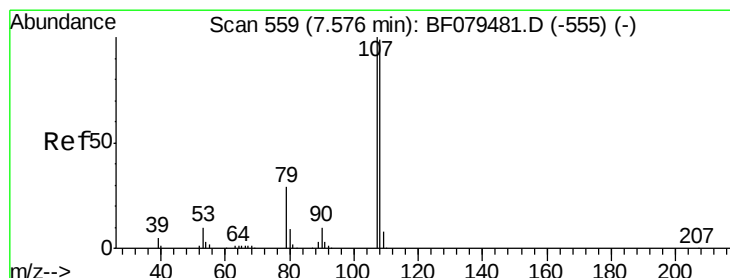
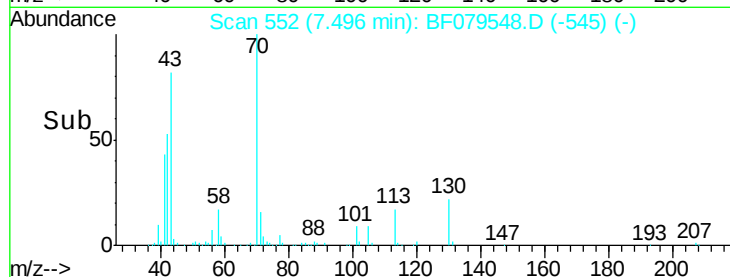
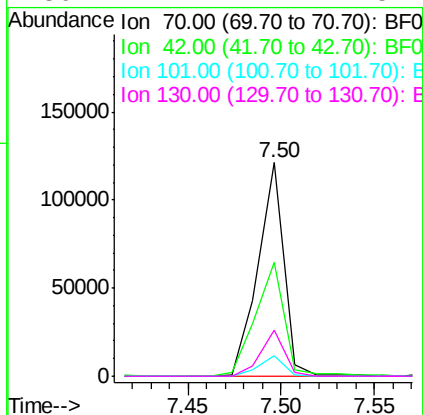
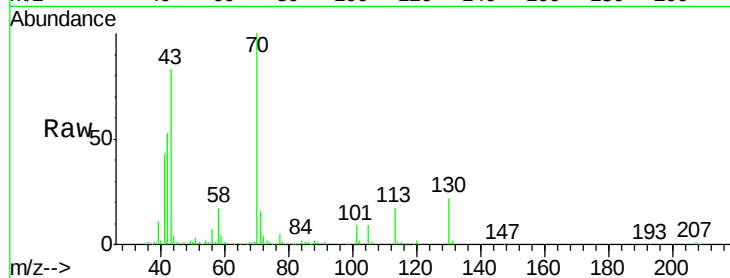
#19
n-Nitroso-di-n-propylamine
Concen: 34.04 ng
RT: 7.50 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	48.8	73.2
101	9.4	6.6	9.8
130	21.7	12.2	18.4

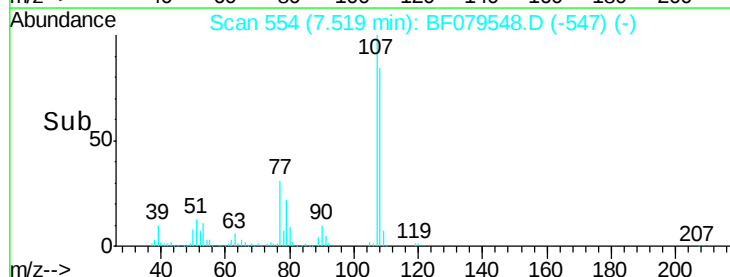
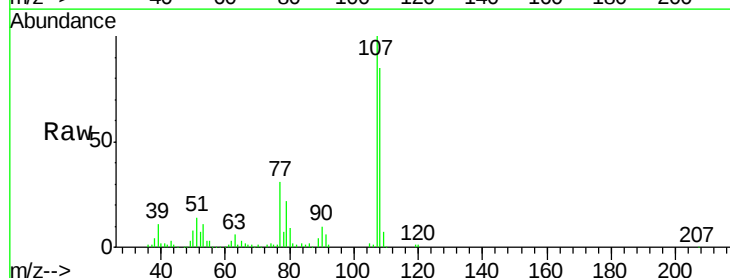
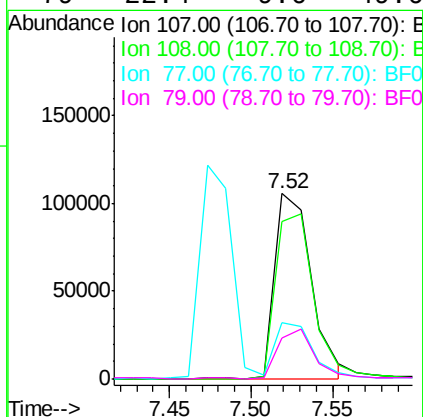
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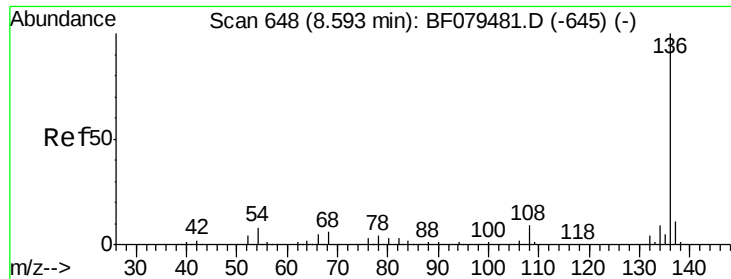
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#20
3+4-Methylphenols
Concen: 33.83 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	77.7	117.7
77	30.5	11.4	51.4
79	22.4	9.6	49.6





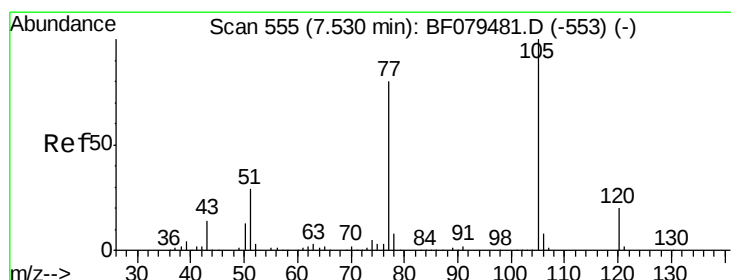
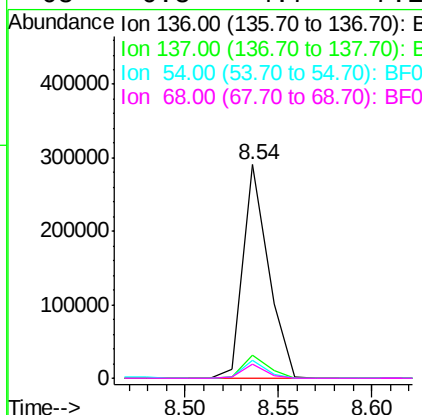
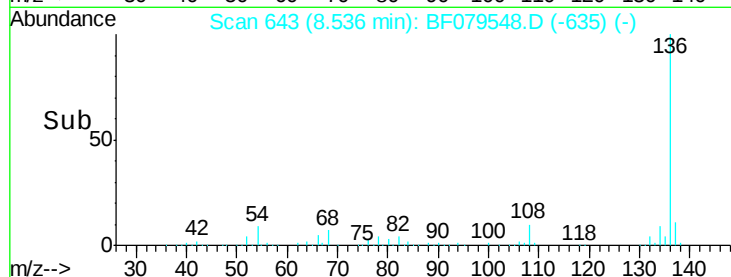
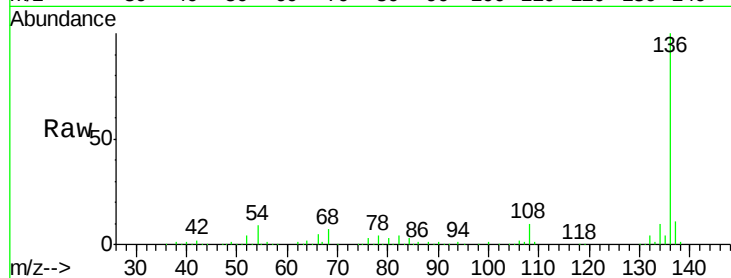
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.54 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	279830		
137	11.0	8.5	12.7	
54	8.5	6.6	9.8	
68	6.8	4.7	7.1	

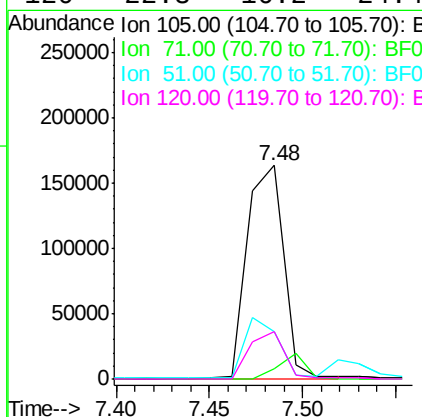
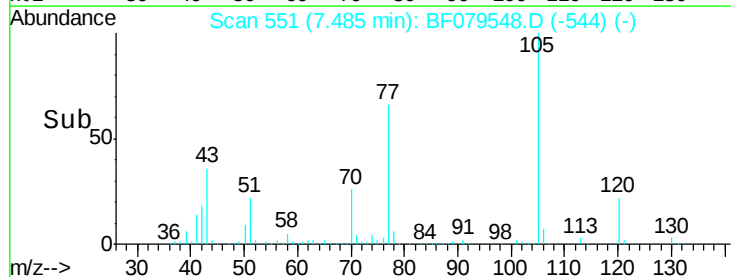
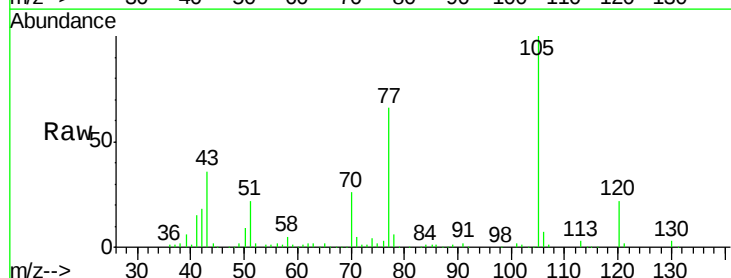
Manual Integrations
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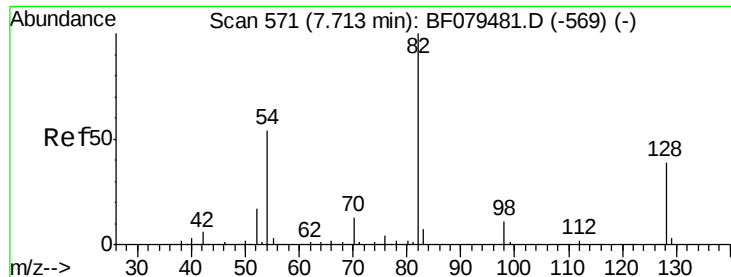
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#22
Acetophenone
Concen: 35.57 ng
RT: 7.48 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222996		
71	4.7	0.2	0.4#	
51	22.2	23.7	35.5#	
120	22.3	16.2	24.4	





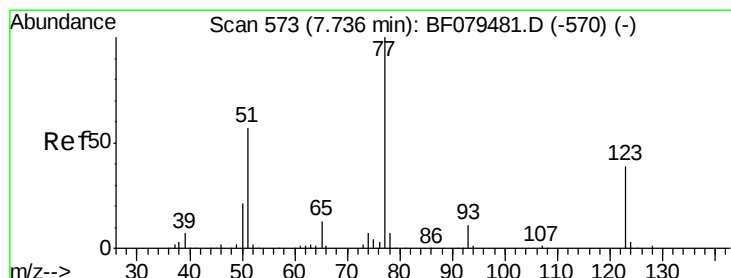
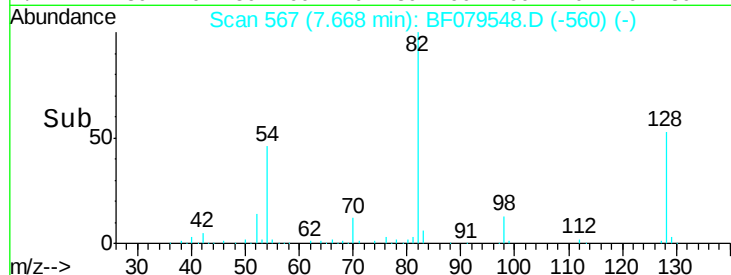
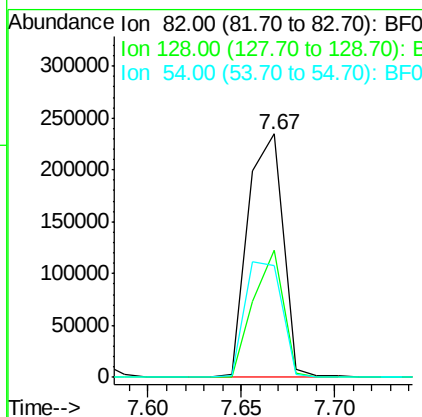
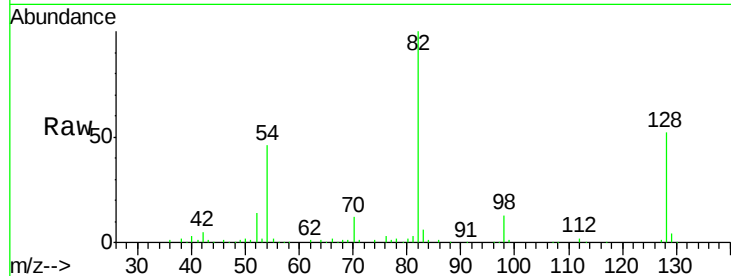
#23
 Nitrobenzene-d5
 Concen: 63.28 ng
 RT: 7.67 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.3	30.8	46.2#
54	45.8	42.8	64.2

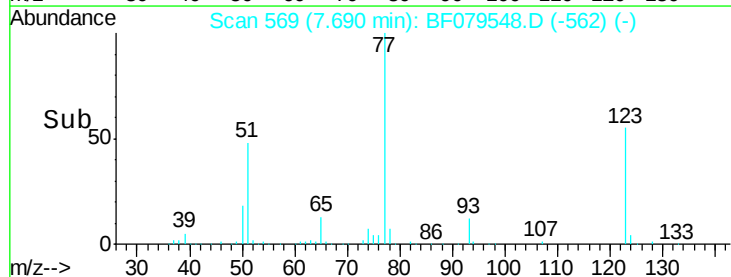
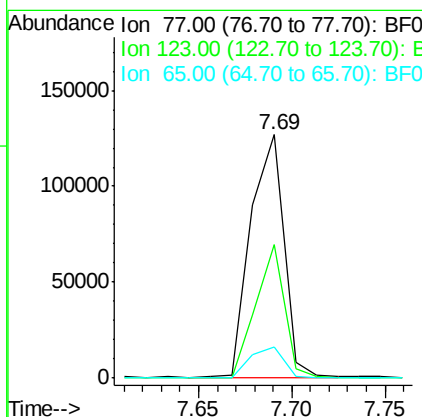
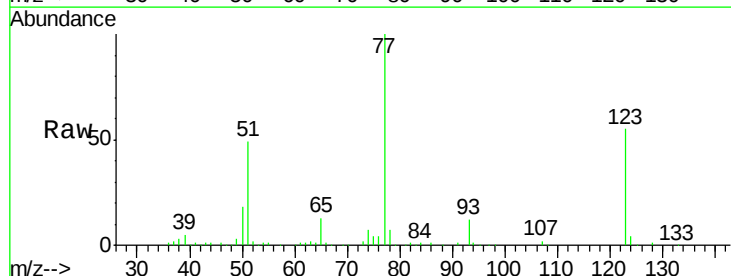
Manual Integrations
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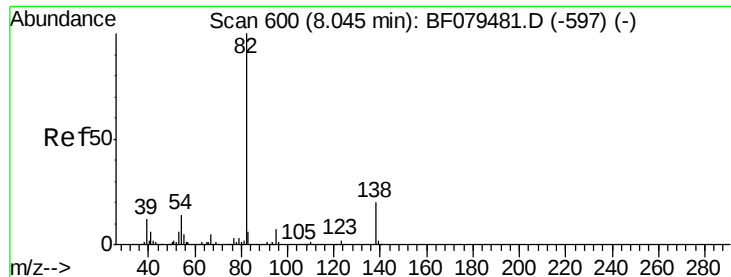
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#24
 Nitrobenzene
 Concen: 32.67 ng
 RT: 7.69 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.1	31.0	46.4#
65	12.6	10.6	15.8





#25

Isophorone

Concen: 34.43 ng

RT: 7.99 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

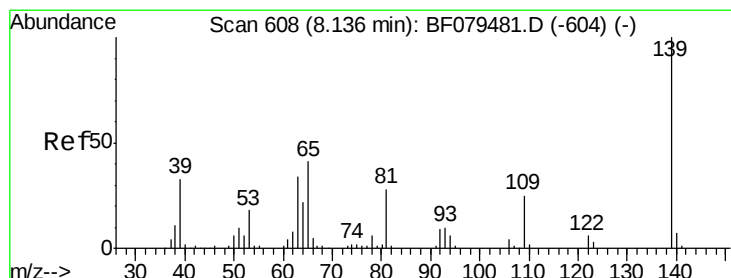
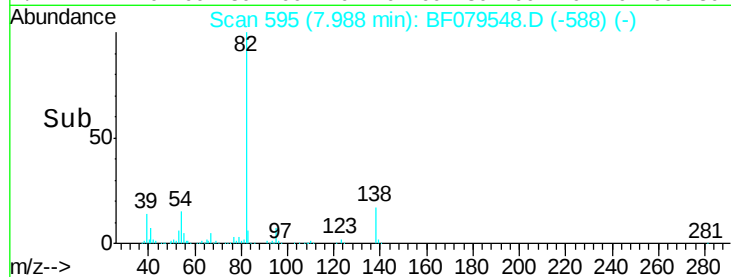
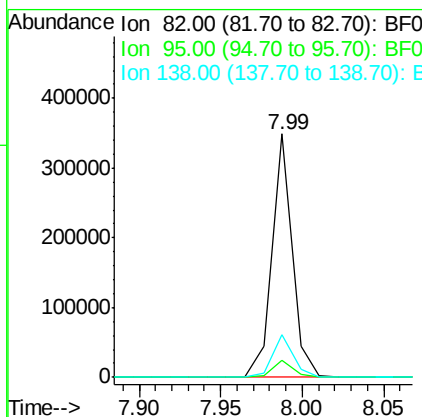
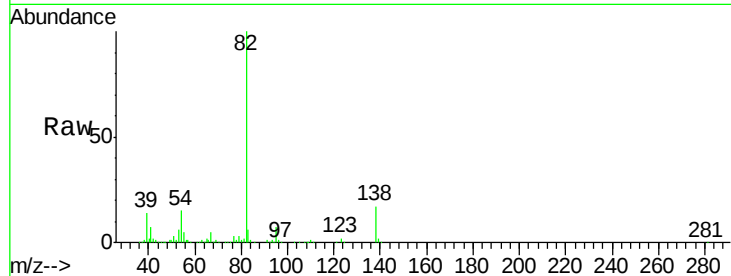
ClientSampleId :

TP-8-SSMS

Tot Ion:	82	Resp:	303839
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.5	8.3
138	17.4	16.1	24.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.30 ng

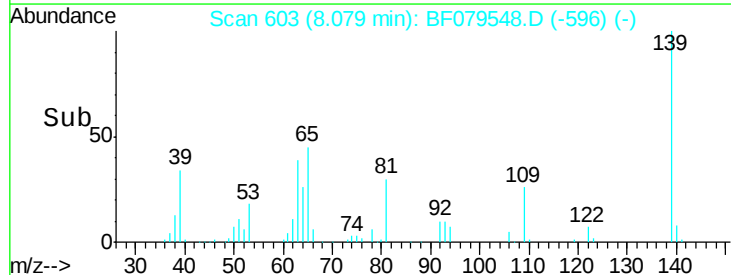
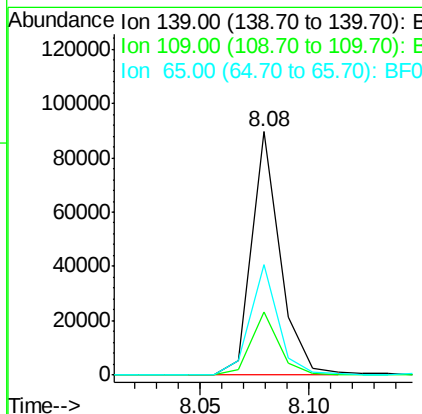
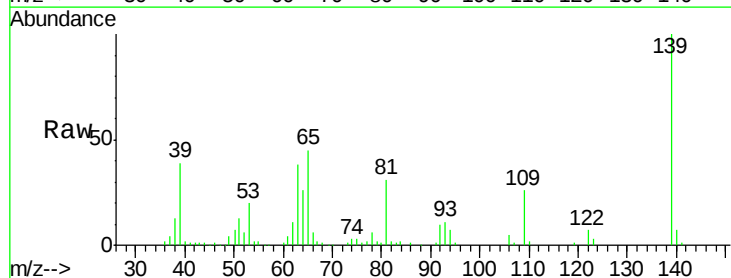
RT: 8.08 min Scan# 603

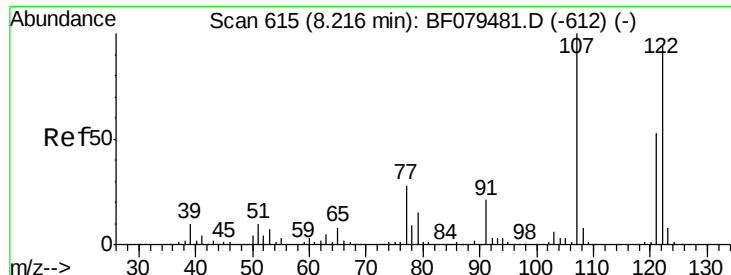
Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:	139	Resp:	82009
Ion Ratio	Lower	Upper	
139	100		
109	25.8	20.2	30.2
65	45.4	32.5	48.7





#27

2,4-Dimethylphenol

Concen: 30.29 ng

RT: 8.16 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

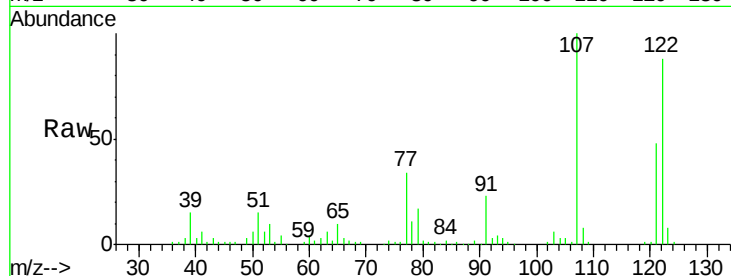
ClientSampleId :

TP-8-SSMS

Tot Ion:	122	Resp:	123011
Ion Ratio	Lower	Upper	
122	100		
107	114.3	85.2	127.8
121	55.2	45.2	67.8

Manual Integrations
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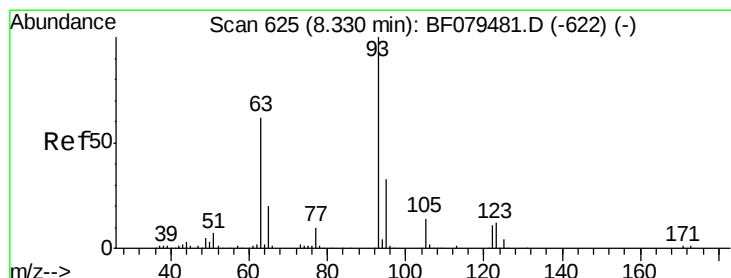
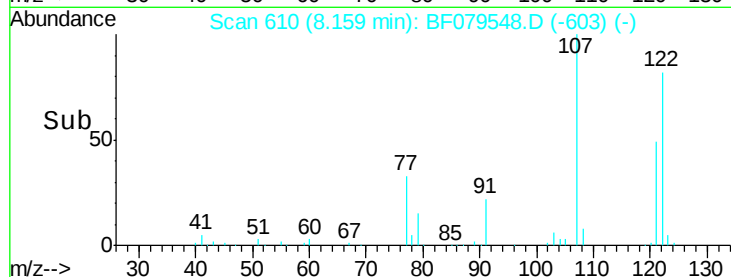
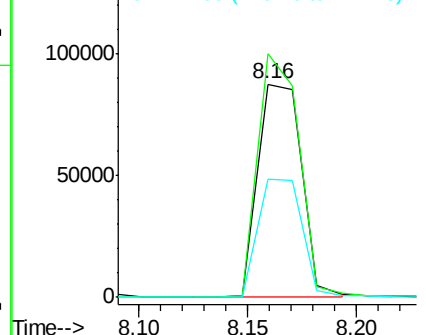
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.89 ng

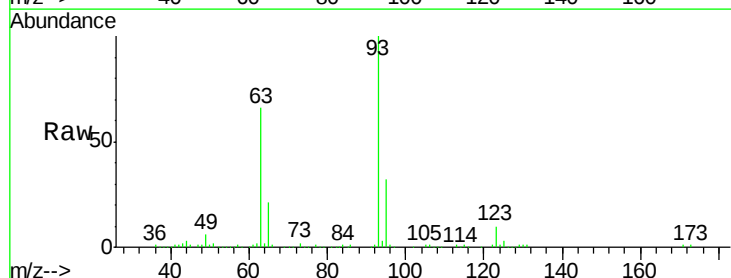
RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

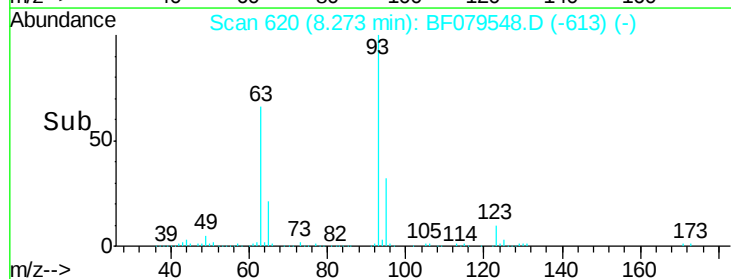
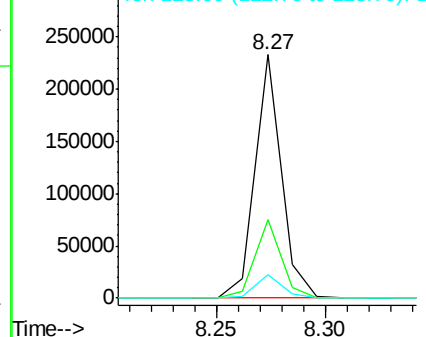
Tgt Ion:	93	Resp:	196279
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.6	39.8
123	9.7	9.4	14.0

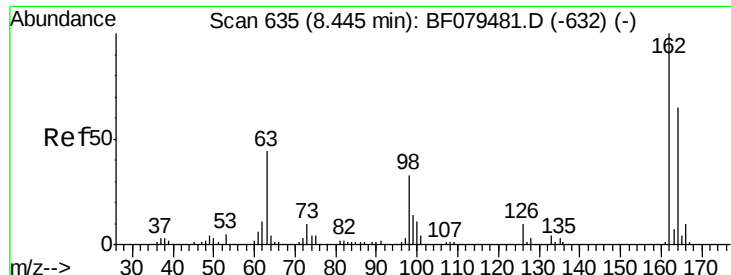


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





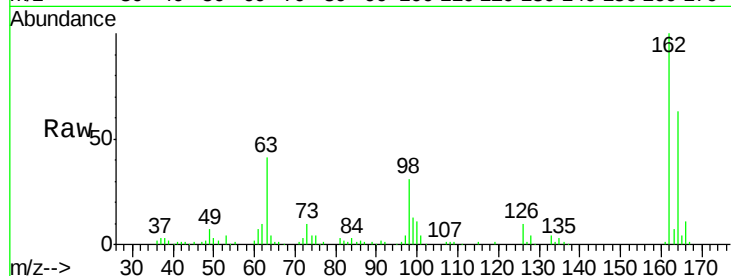
#29
2,4-Dichlorophenol
Concen: 36.10 ng
RT: 8.40 min Scan# 631
Delta R.T. 0.01 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

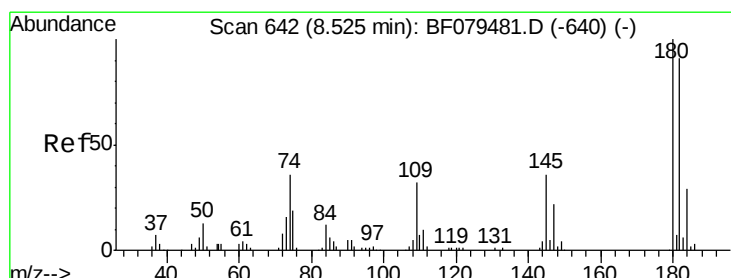
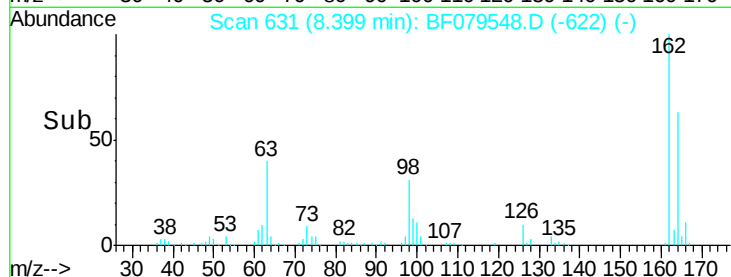
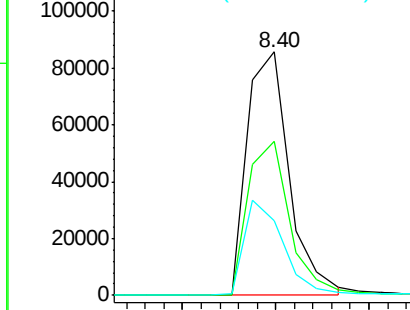
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	45.0	85.0
98	30.9	13.2	53.2

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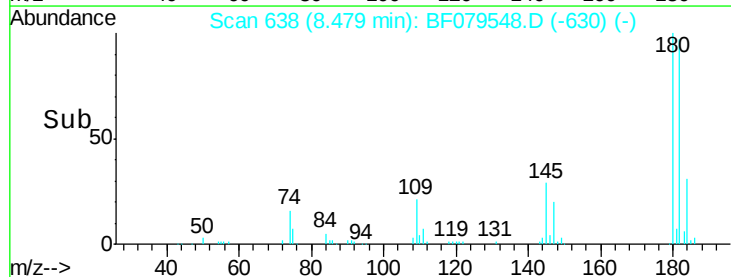
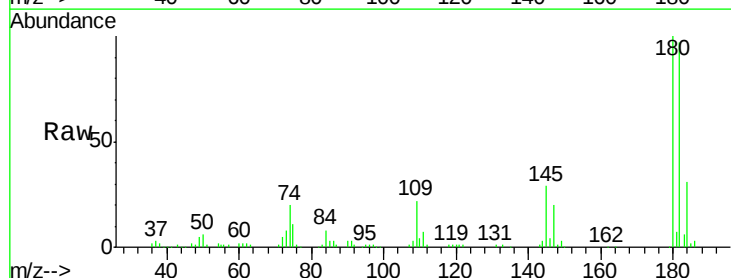
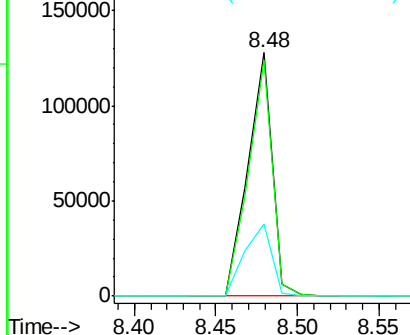
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

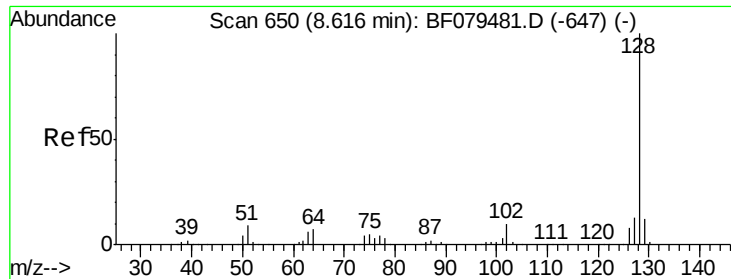


#30
1,2,4-Trichlorobenzene
Concen: 34.06 ng
RT: 8.48 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	73.2	109.8
145	29.5	28.9	43.3

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





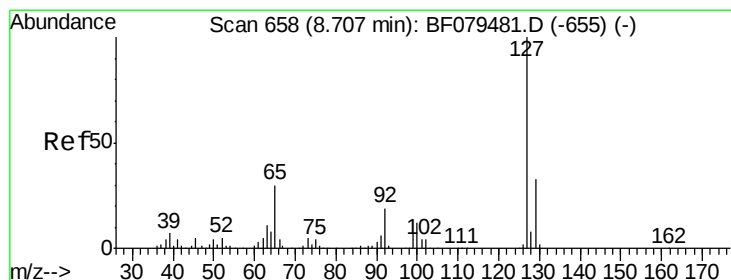
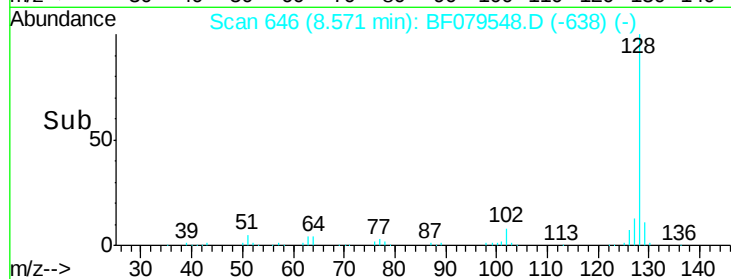
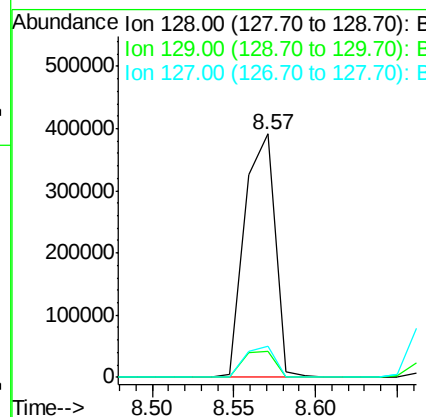
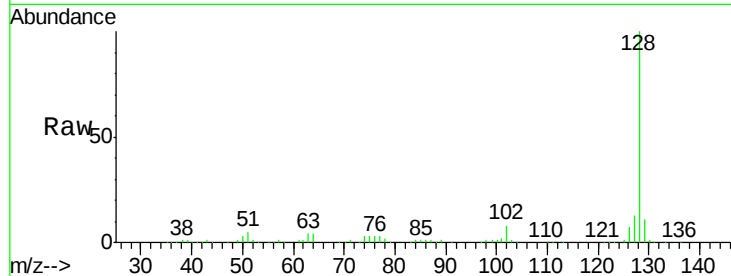
#31
Naphthalene
Concen: 37.54 ng
RT: 8.57 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampled :
TP-8-SSMS

Tot Ion:	128	Resp:	504109
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.3	13.9
127	12.6	10.6	15.8

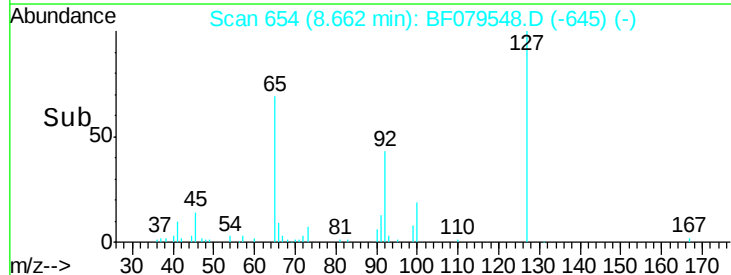
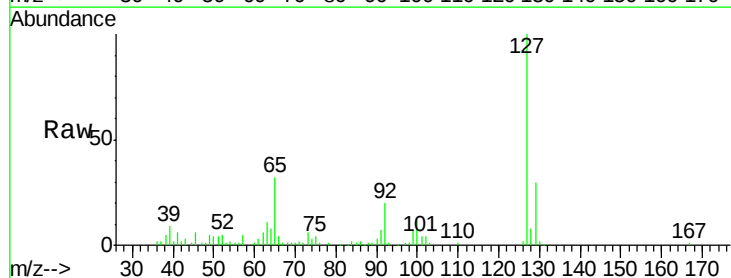
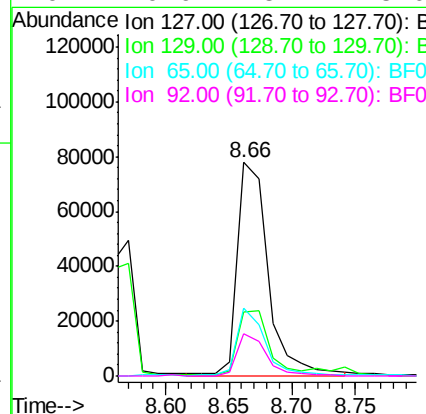
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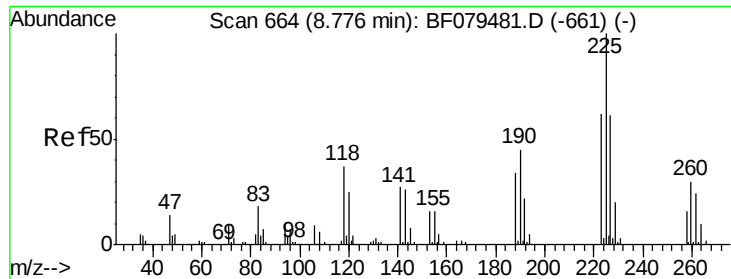
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#33
4-Chloroaniline
Concen: 23.66 ng m
RT: 8.66 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion:	127	Resp:	132747
Ion Ratio	Lower	Upper	
127	100		
129	30.1	26.2	39.2
65	31.5	24.2	36.4
92	19.9	15.4	23.0





#34

Hexachlorobutadiene

Concen: 31.90 ng

RT: 8.72 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

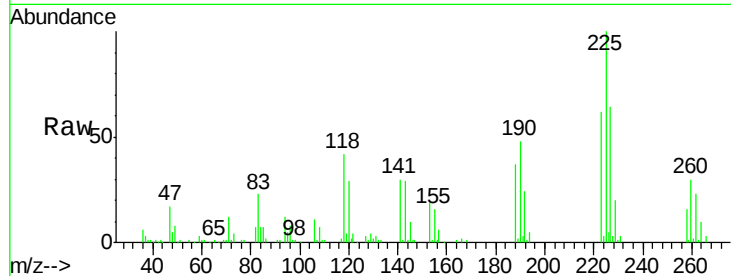
ClientSampleId :

TP-8-SSMS

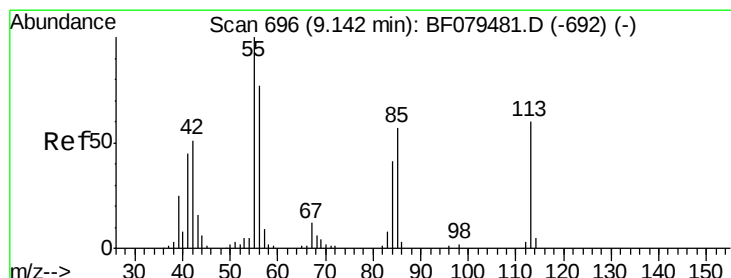
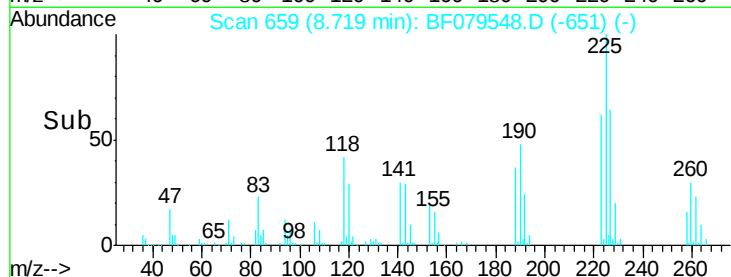
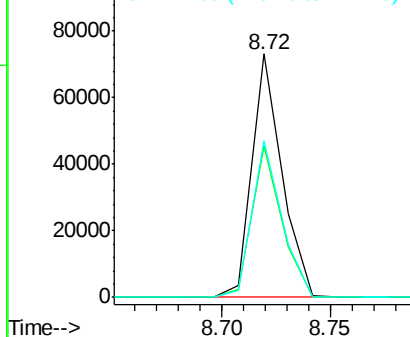
Tot Ion:	225	Resp:	70017
Ion Ratio		Lower	Upper
225	100		
223	62.4	49.9	74.9
227	64.3	48.9	73.3

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



#35

Caprolactam

Concen: 36.64 ng

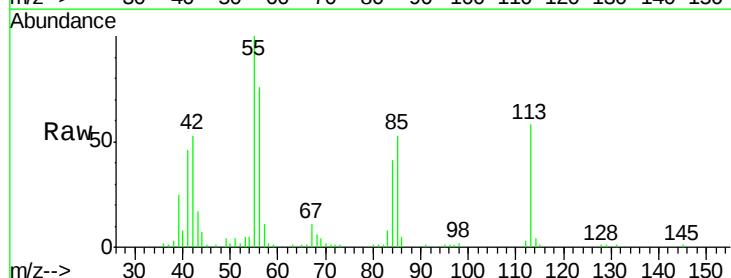
RT: 9.08 min Scan# 691

Delta R.T. -0.01 min

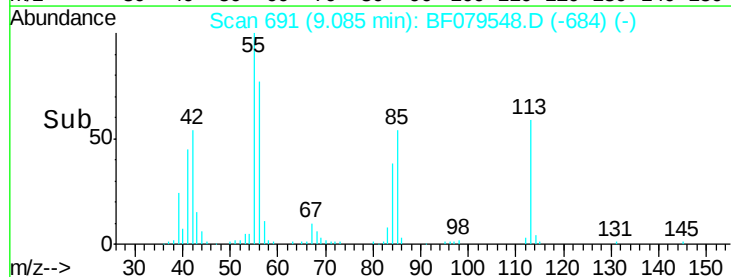
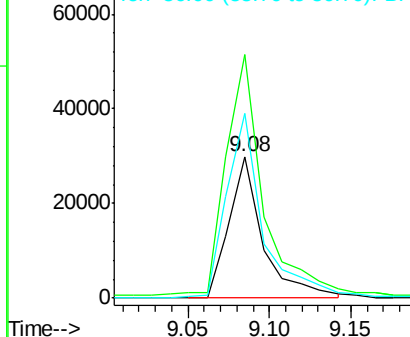
Lab File: BF079548.D

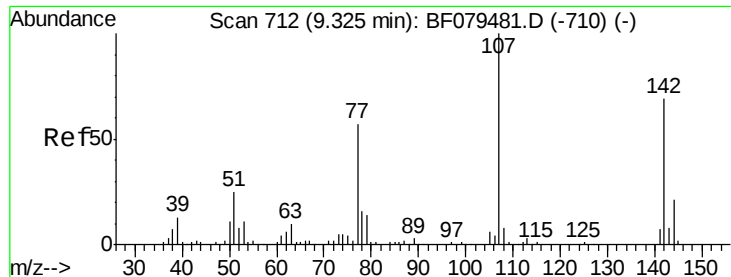
Acq: 28 May 2015 17:04

Tgt Ion:	113	Resp:	42977
Ion Ratio		Lower	Upper
113	100		
55	172.0	147.2	187.2
56	130.6	108.6	148.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





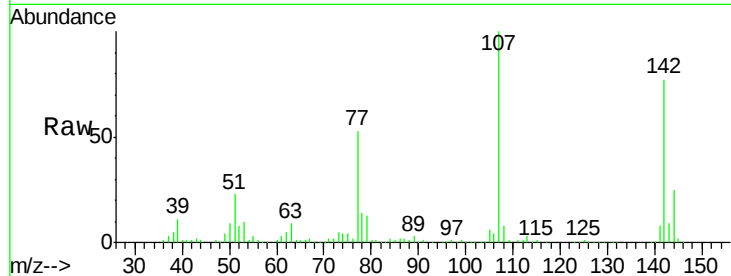
#36
4-Chloro-3-methylphenol
Concen: 36.71 ng
RT: 9.28 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	141634		
144	24.9	16.9	25.3	
142	76.8	55.2	82.8	

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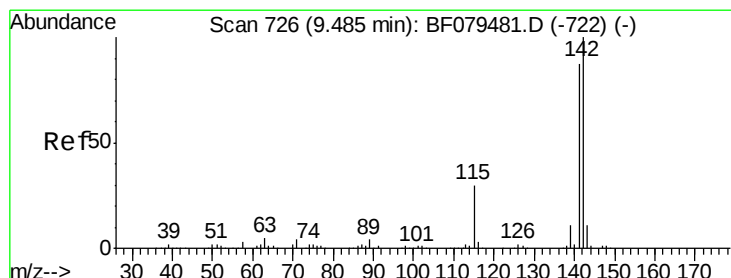
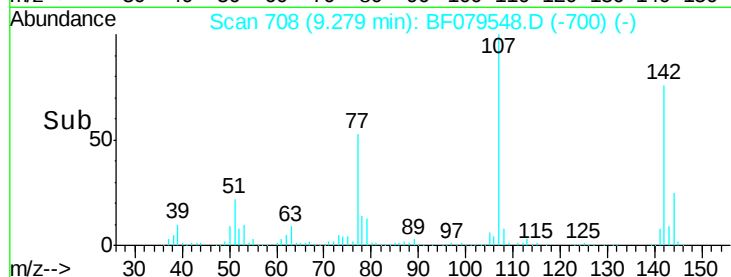
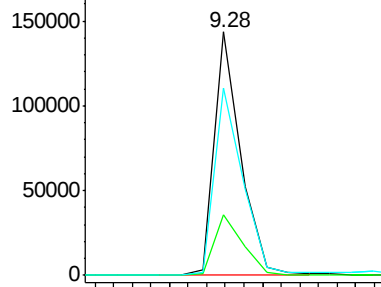


Abundance

Ion 107.00 (106.70 to 107.70): E

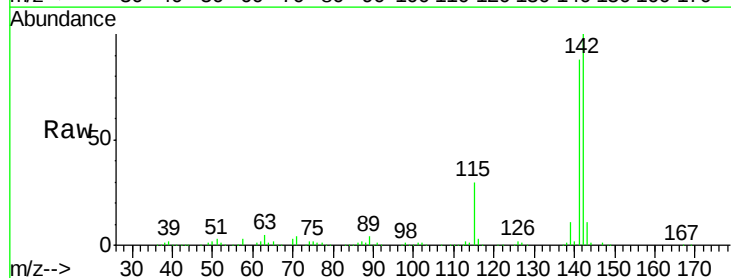
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 37.98 ng
RT: 9.43 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	354132		
141	87.9	69.5	104.3	
115	29.9	23.8	35.6	

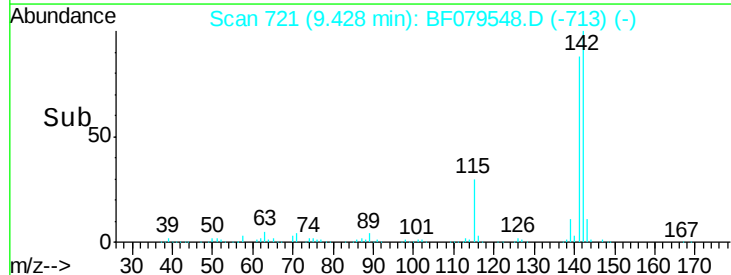
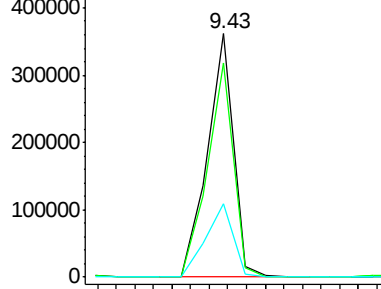


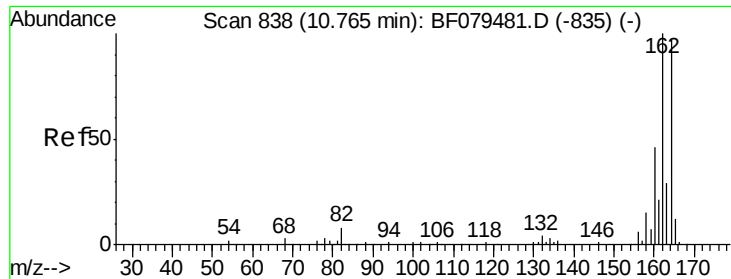
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





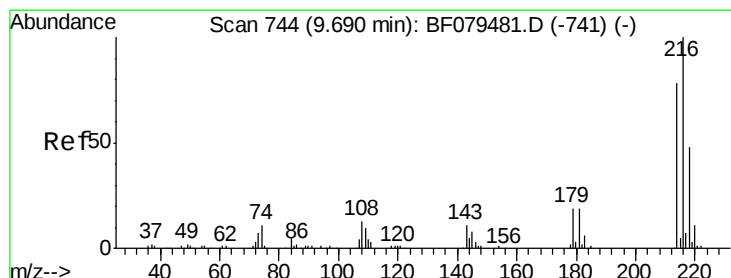
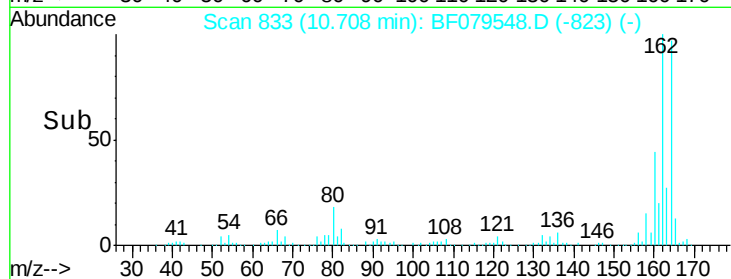
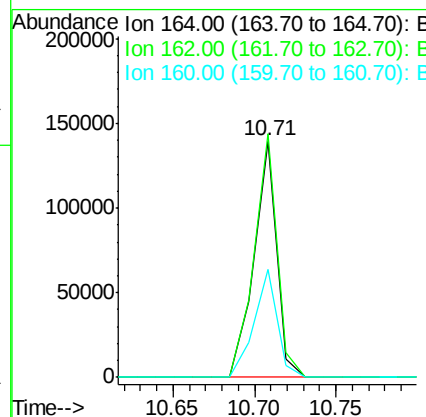
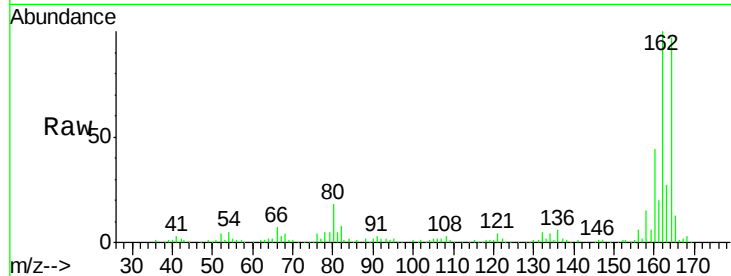
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.71 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	124.0
160	45.7	37.7	56.5

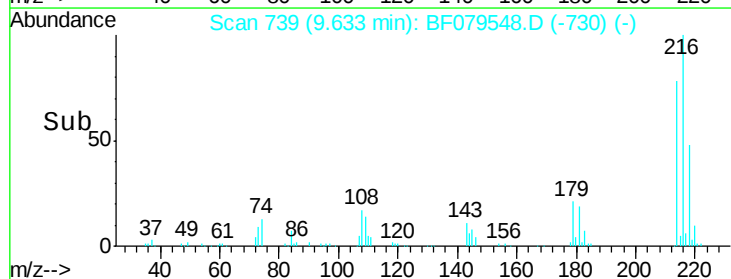
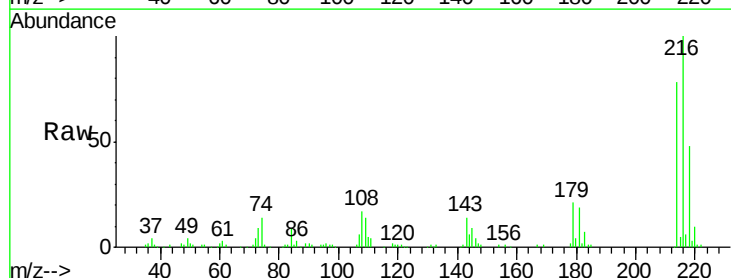
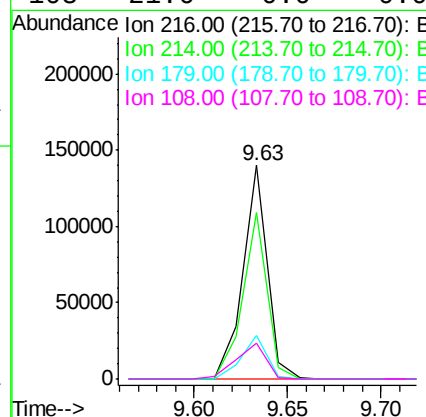
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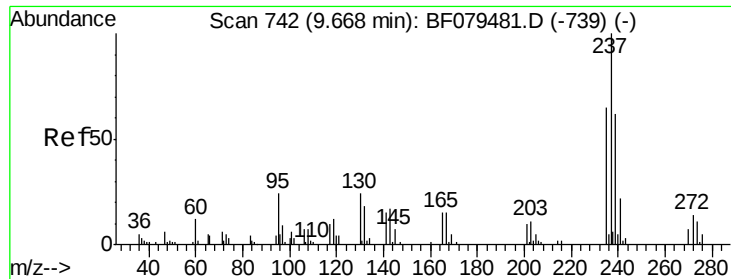
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.86 ng
RT: 9.63 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	21.4	0.0	0.0#
108	21.6	0.0	0.0#





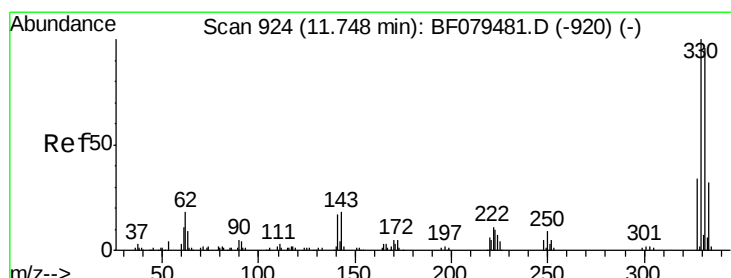
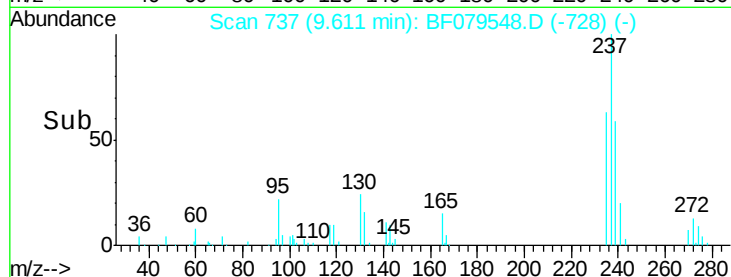
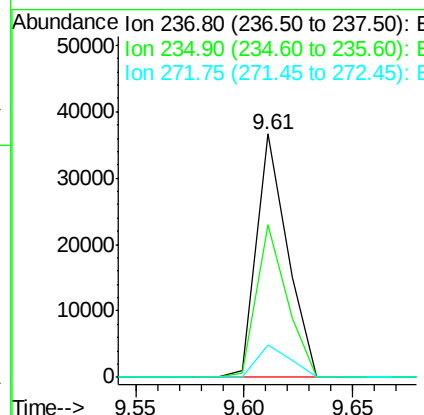
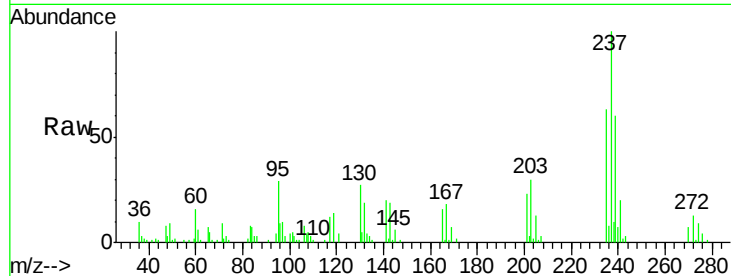
#40
Hexachlorocyclopentadiene
Concen: 43.24 ng
RT: 9.61 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.6	45.0	85.0	
272	13.3	0.0	33.9	

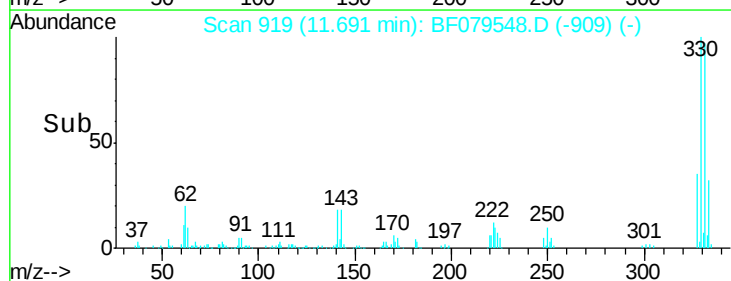
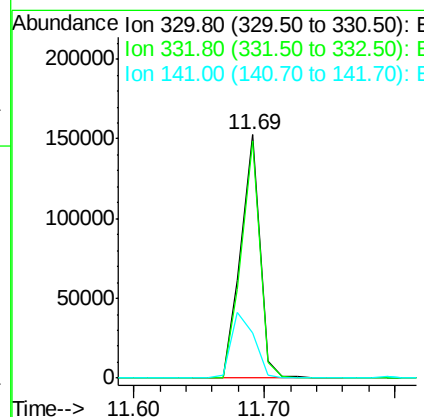
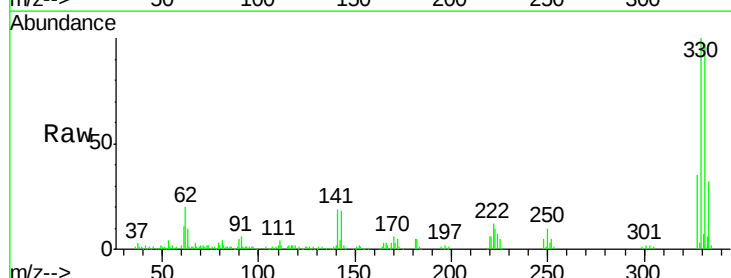
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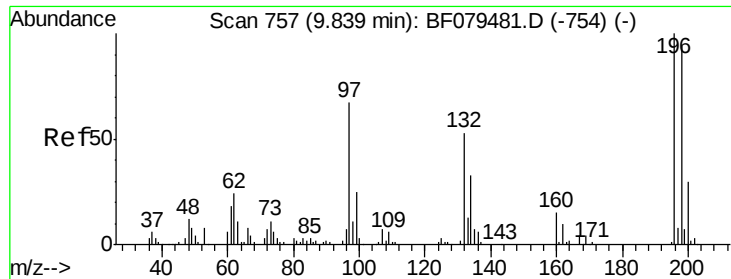
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#41
2,4,6-Tribromophenol
Concen: 105.90 ng
RT: 11.69 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	0.0	0.0#	
141	32.0	0.0	0.0#	





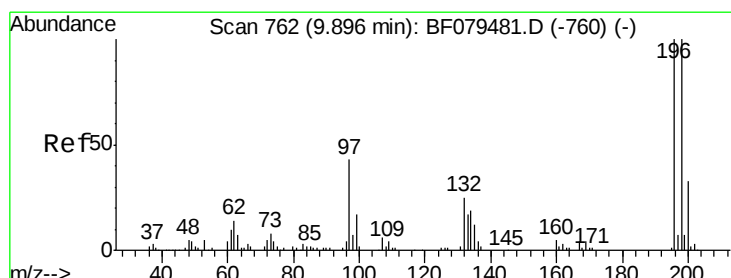
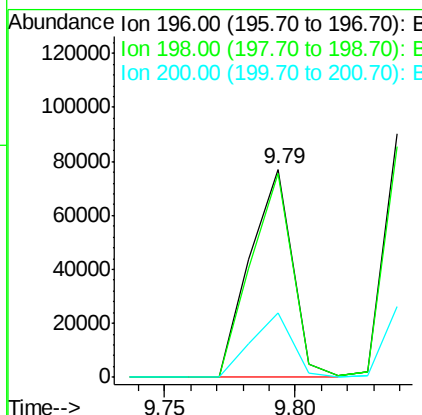
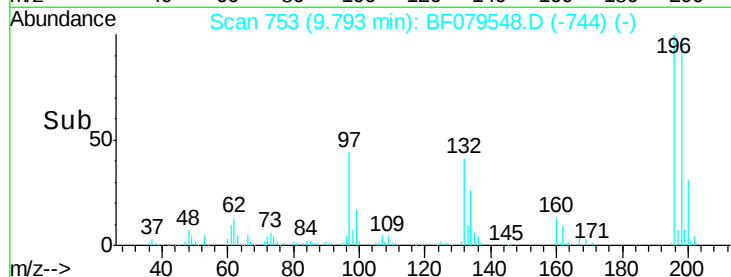
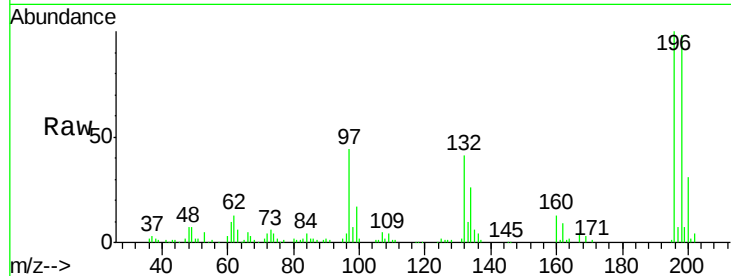
#42
 2,4,6-Trichlorophenol
 Concen: 32.97 ng
 RT: 9.79 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SSMS

Tot Ion:	196	Resp:	86608
Ion Ratio	Lower	Upper	
196	100		
198	98.1	75.3	112.9
200	30.8	23.8	35.8

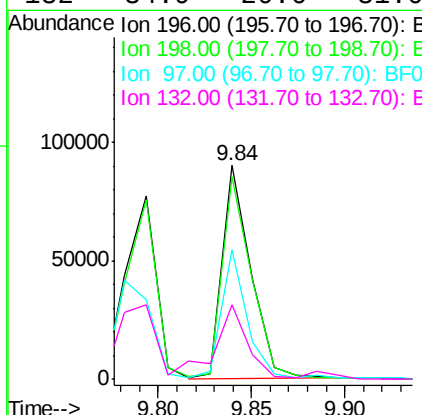
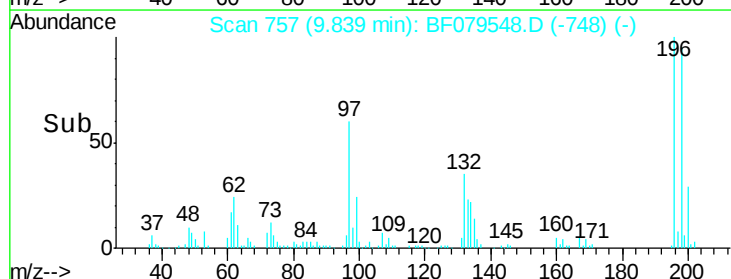
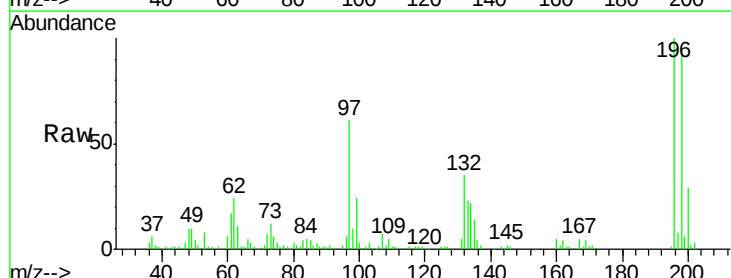
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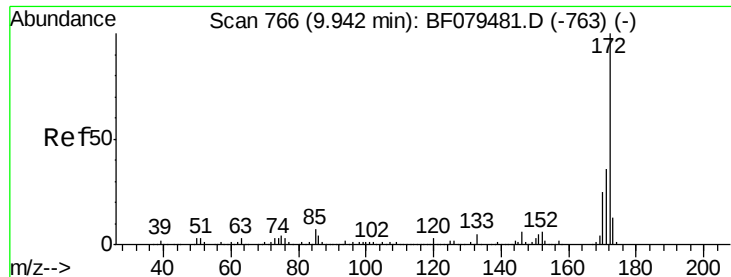
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#43
 2,4,5-Trichlorophenol
 Concen: 36.72 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Tgt Ion:	196	Resp:	96016
Ion Ratio	Lower	Upper	
196	100		
198	94.8	80.3	120.5
97	60.7	34.8	52.2#
132	34.9	20.6	31.0#





#44

2-Fluorobiphenyl

Concen: 63.85 ng

RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

ClientSampleId :

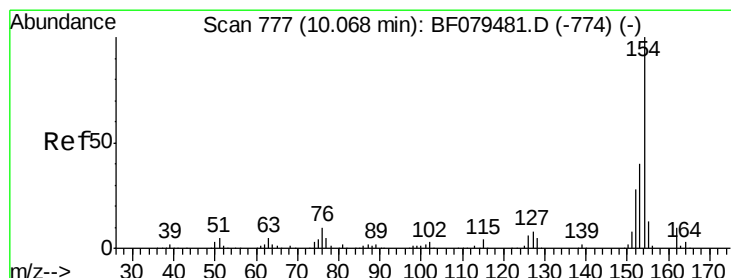
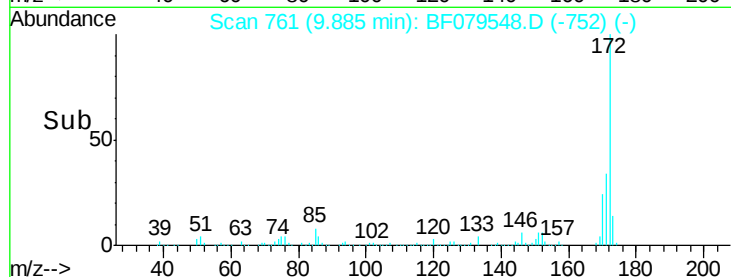
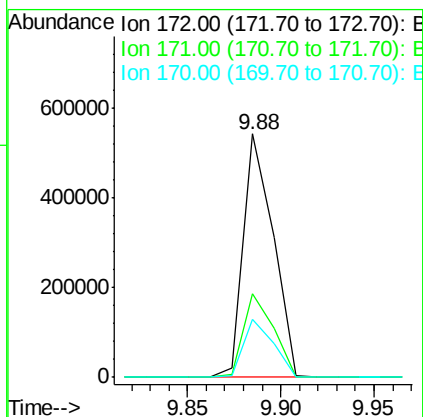
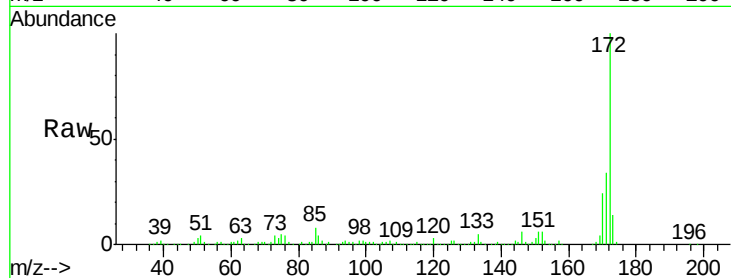
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Tot Ion:172	Resp:	601904
Ion Ratio	Lower	Upper
172 100		
171 34.4	28.5	42.7
170 23.8	19.7	29.5



#45

1,1'-Biphenyl

Concen: 36.35 ng

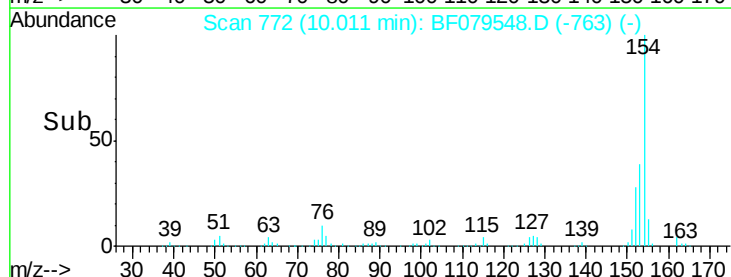
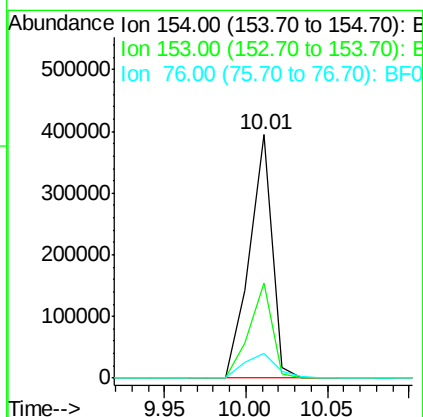
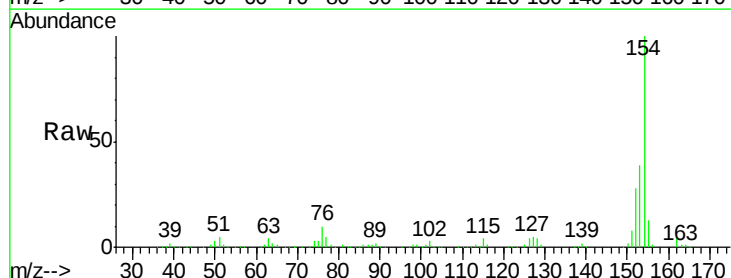
RT: 10.01 min Scan# 772

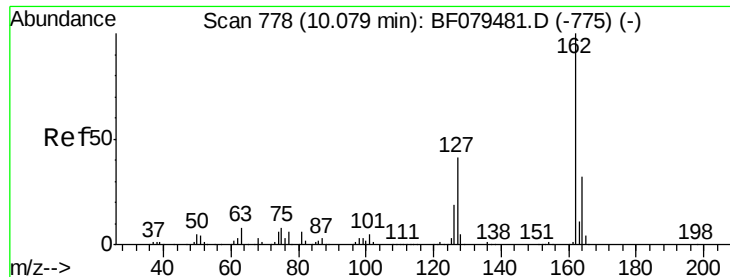
Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:154	Resp:	381865
Ion Ratio	Lower	Upper
154 100		
153 39.0	19.5	59.5
76 10.3	0.0	29.6





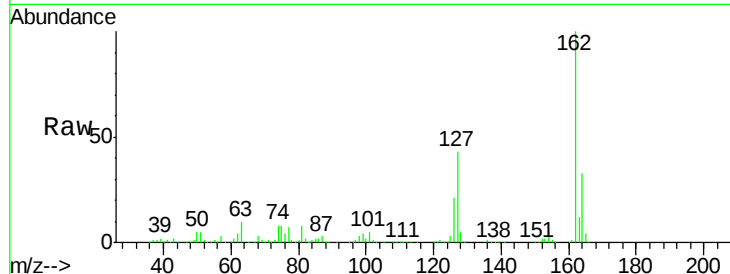
#46
2-Chloronaphthalene
Concen: 34.33 ng
RT: 10.02 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
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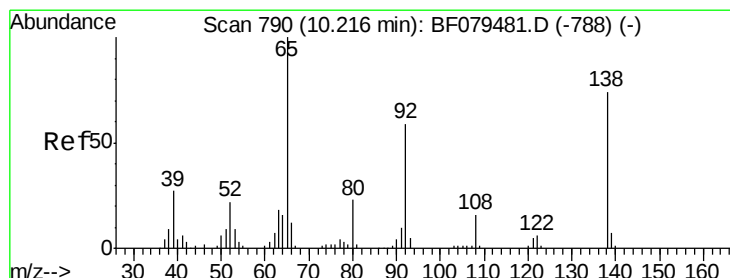
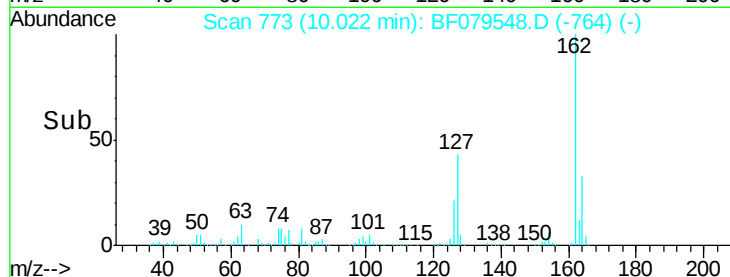
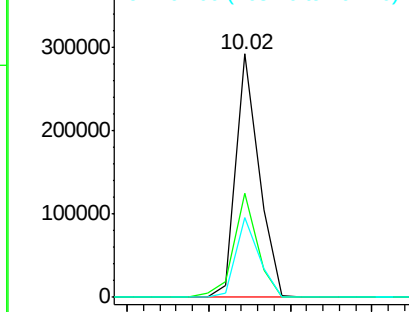
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	42.7	32.7	49.1
164	32.6	25.8	38.6

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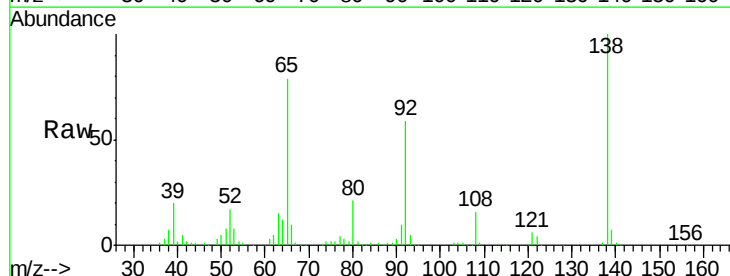


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

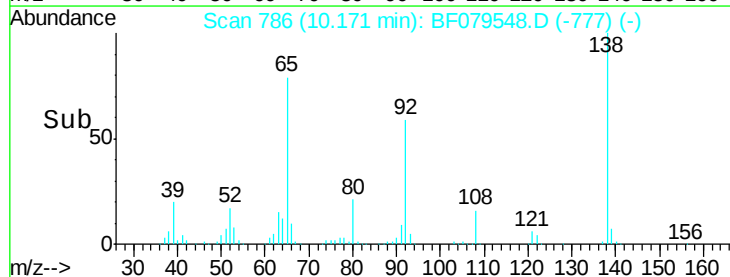
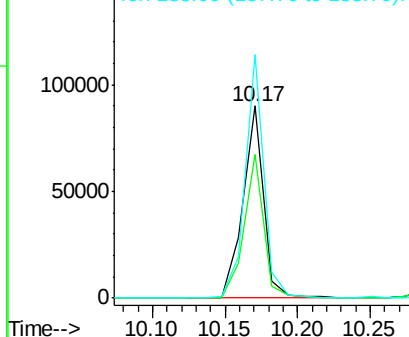


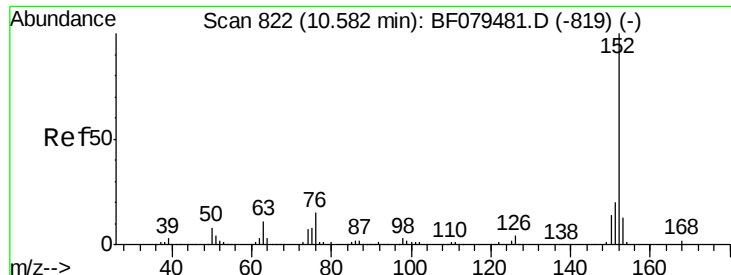
#47
2-Nitroaniline
Concen: 36.06 ng
RT: 10.17 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	75.1	47.2	70.8#
138	126.9	59.2	88.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





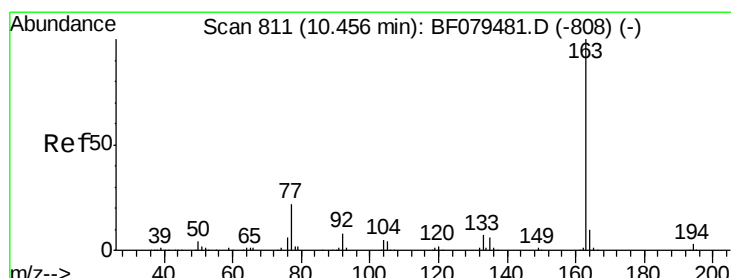
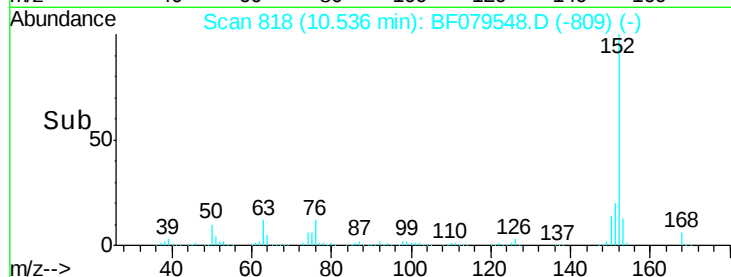
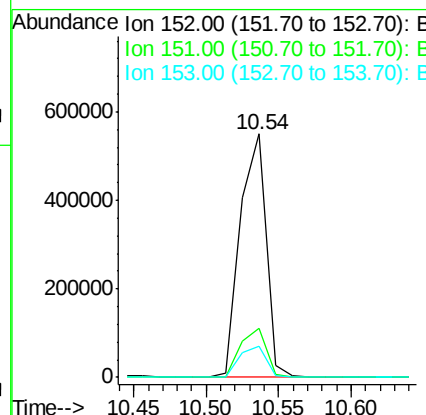
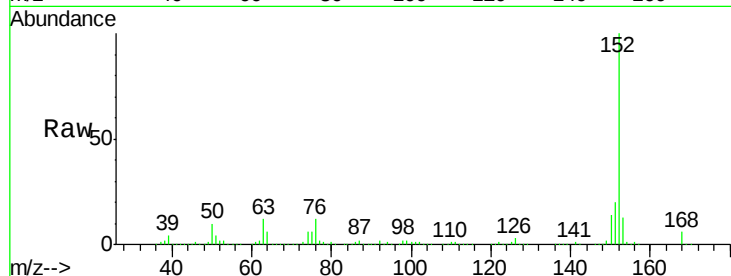
#48
Acenaphthylene
Concen: 49.63 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	683489		
151	20.2		15.8	23.8
153	12.8		10.7	16.1

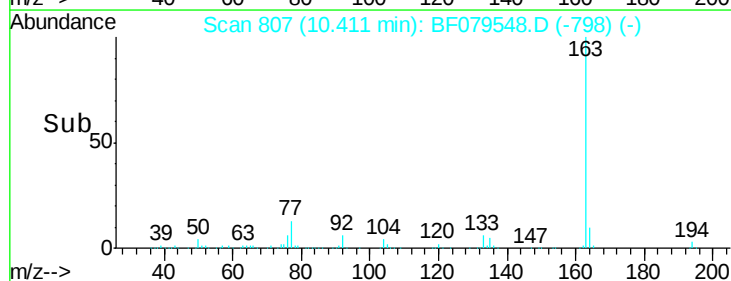
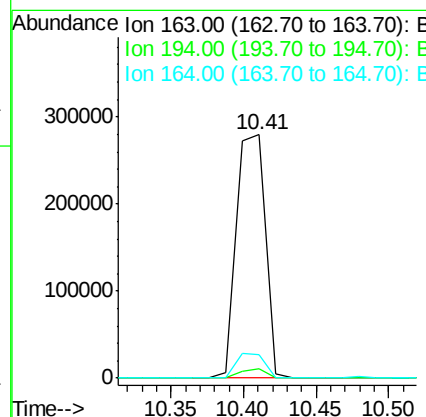
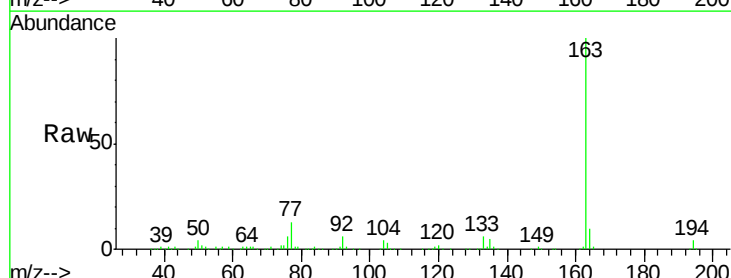
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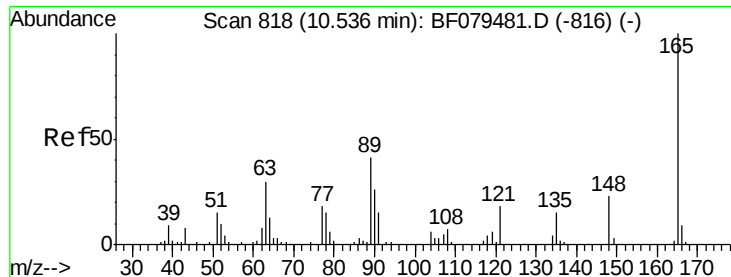
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#49
Dimethylphthalate
Concen: 39.04 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	386825		
194	3.6		2.4	3.6#
164	9.7		8.2	12.4





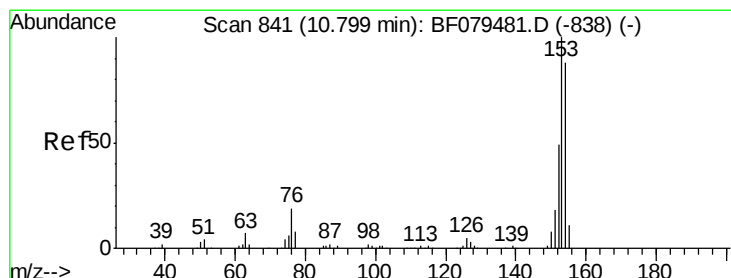
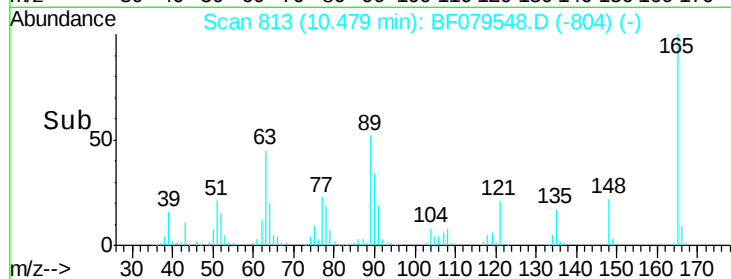
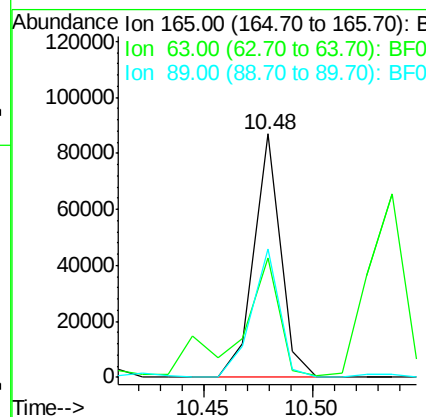
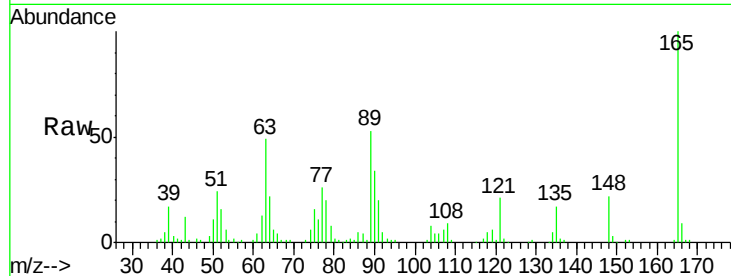
#50
 2,6-Dinitrotoluene
 Concen: 37.47 ng
 RT: 10.48 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SSMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.0	27.7	41.5#	
89	52.9	33.7	50.5#	

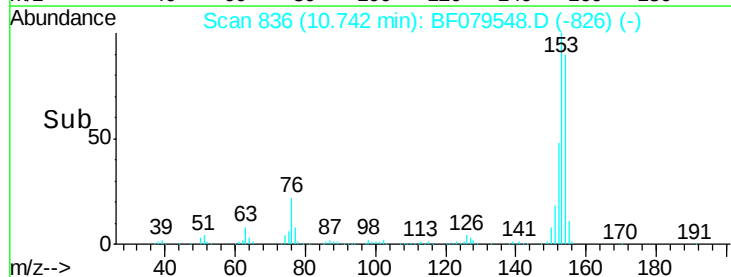
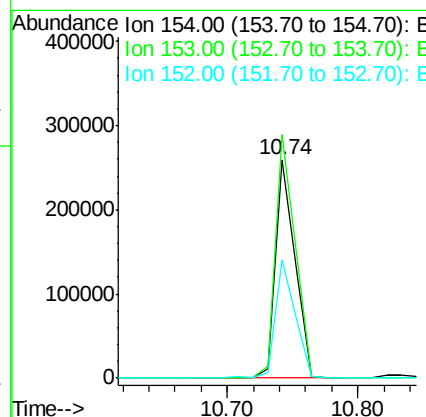
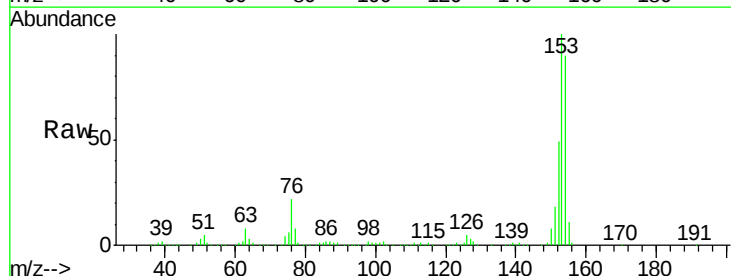
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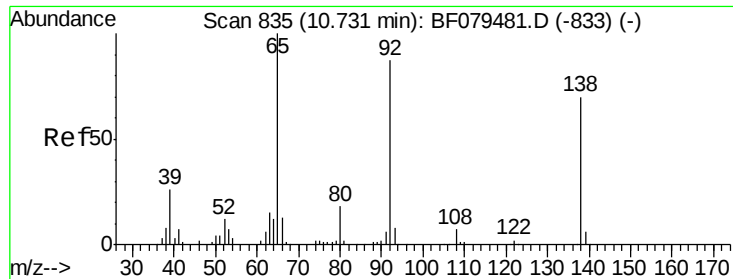
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#51
 Acenaphthene
 Concen: 34.46 ng
 RT: 10.74 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.7	91.1	136.7	
152	54.3	44.6	66.8	





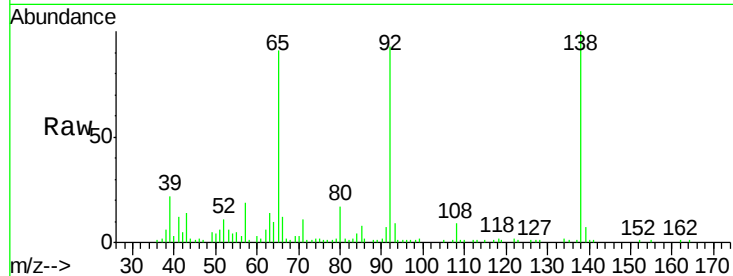
#52
3-Nitroaniline
Concen: 29.37 ng
RT: 10.69 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

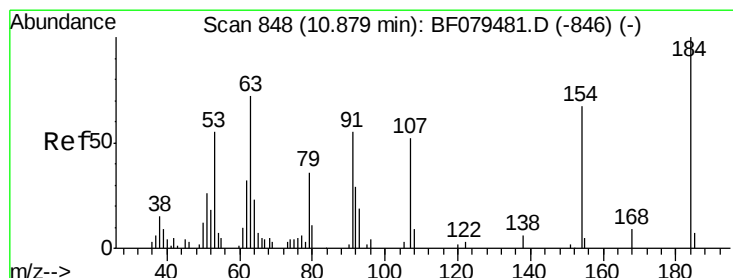
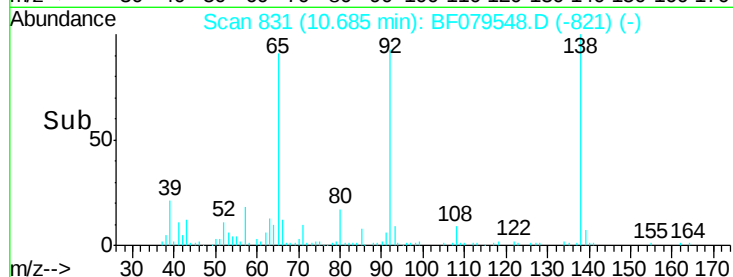
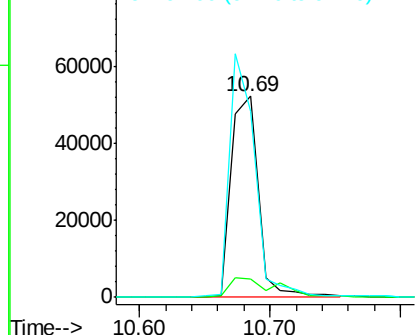
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.0	12.0
92	92.7	99.9	149.9#

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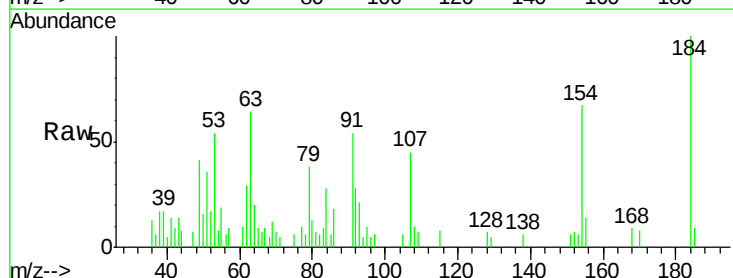


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

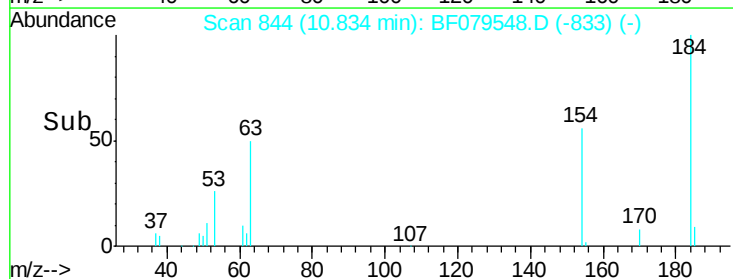
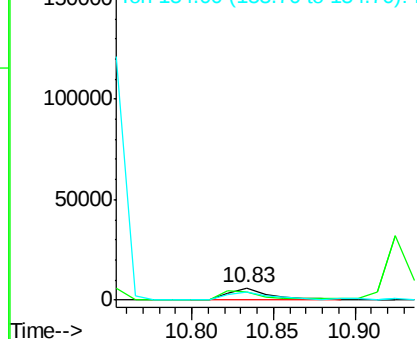


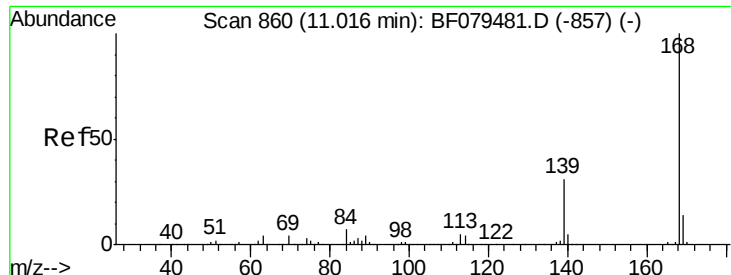
#53
2,4-Dinitrophenol
Concen: 22.99 ng
RT: 10.83 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	57.7	86.5
154	67.2	53.4	80.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





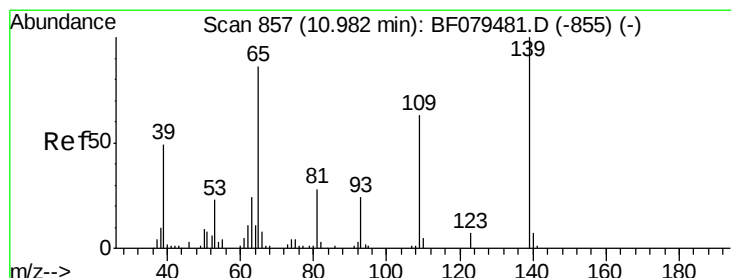
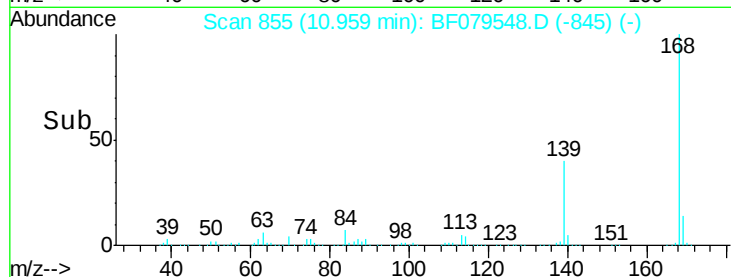
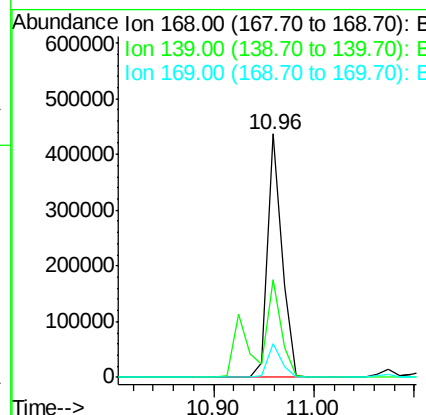
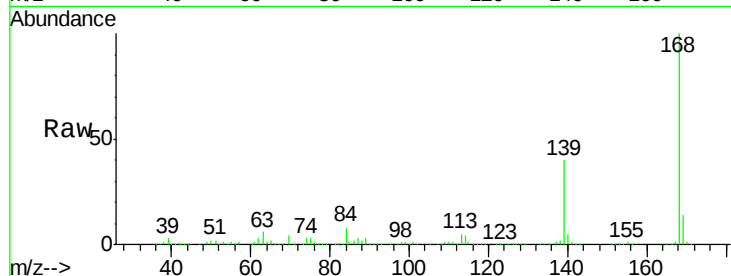
#54
Dibenzenofuran
Concen: 37.34 ng
RT: 10.96 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.9	49.3
169	13.8	11.1	16.7

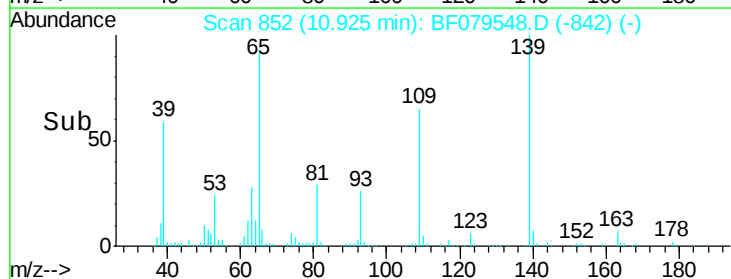
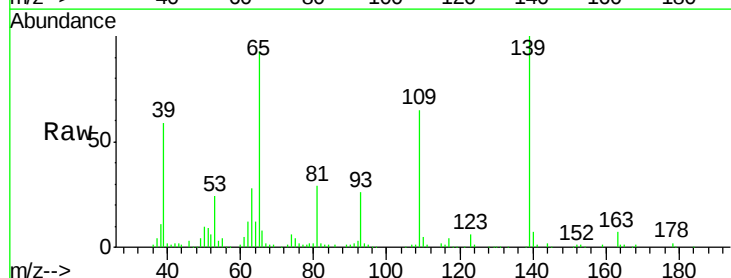
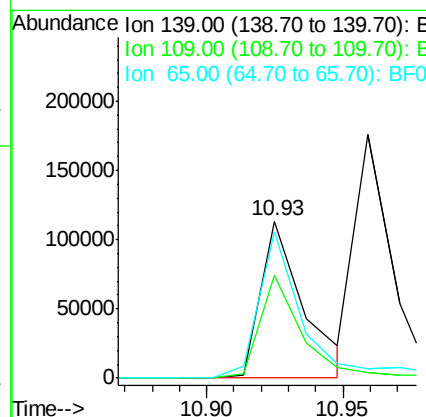
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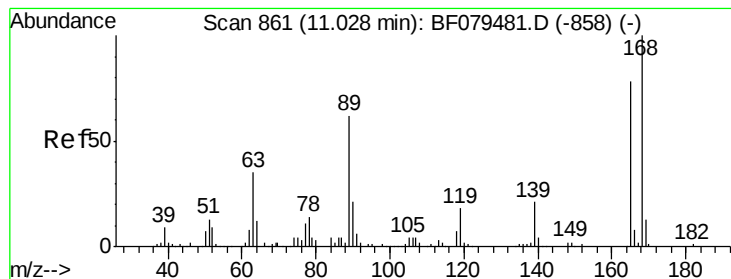
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#55
4-Nitrophenol
Concen: 87.60 ng m
RT: 10.93 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	42.8	82.8
65	93.2	66.3	106.3





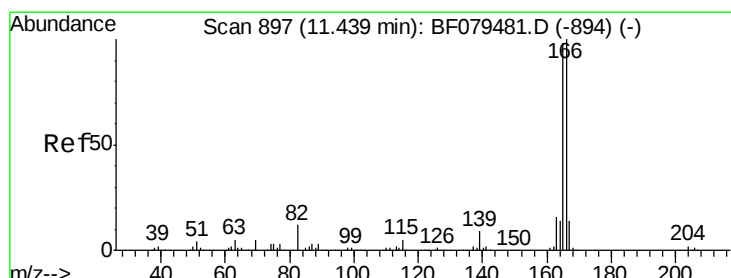
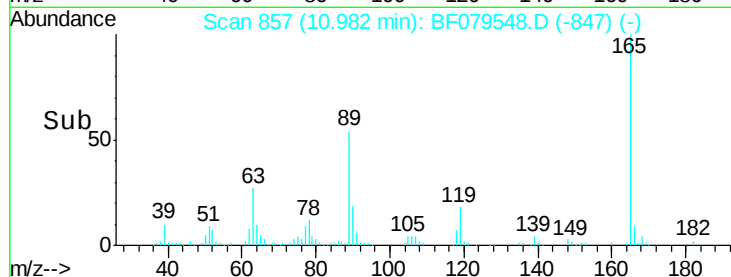
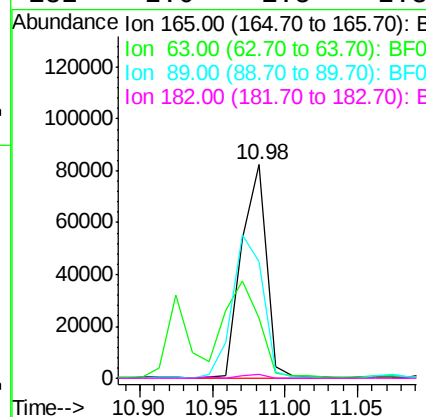
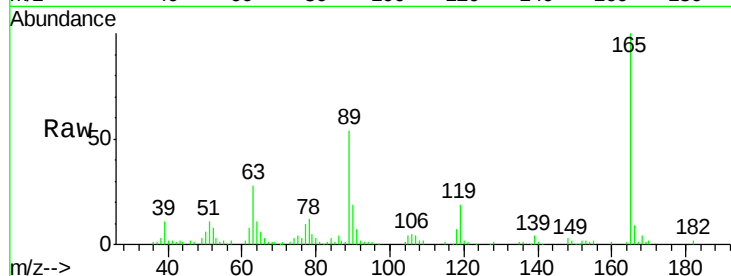
#56
2,4-Dinitrotoluene
Concen: 37.11 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	98539		
63	28.2	39.5	59.3#	
89	54.3	64.2	96.4#	
182	2.0	1.5	2.3	

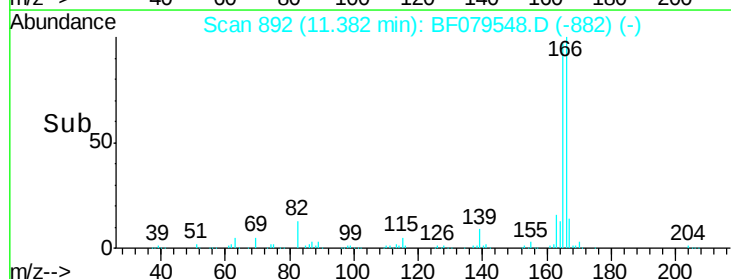
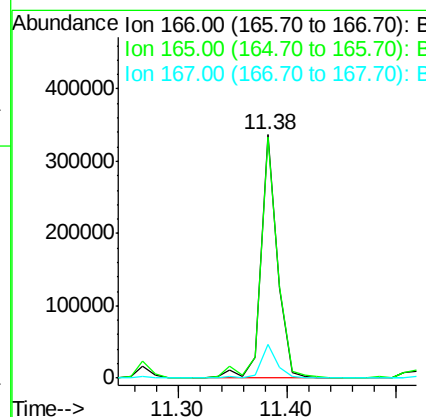
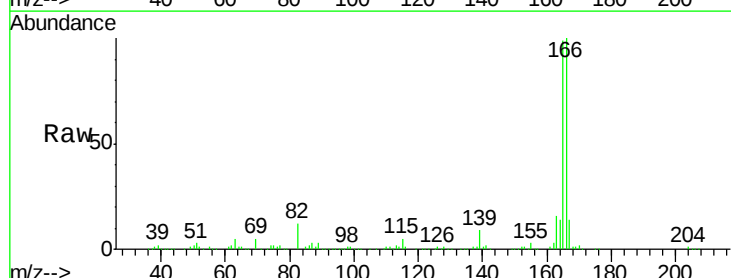
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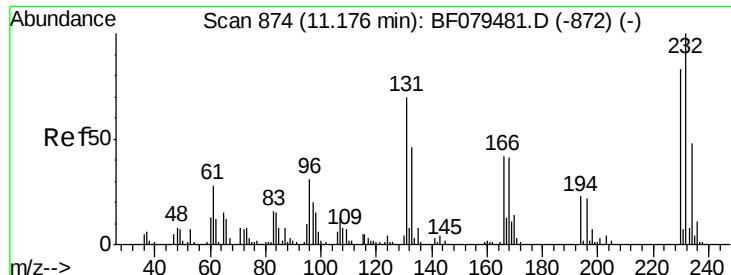
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#57
Fluorene
Concen: 36.92 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	353429		
165	99.0	78.6	117.8	
167	13.7	10.8	16.2	





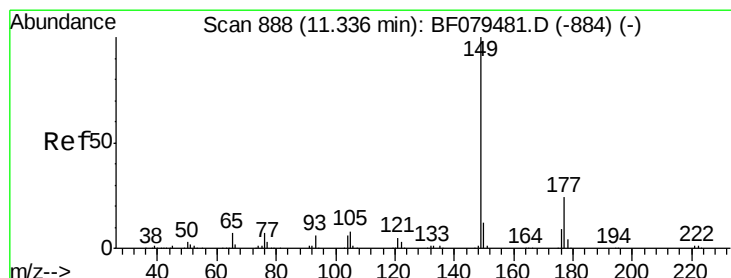
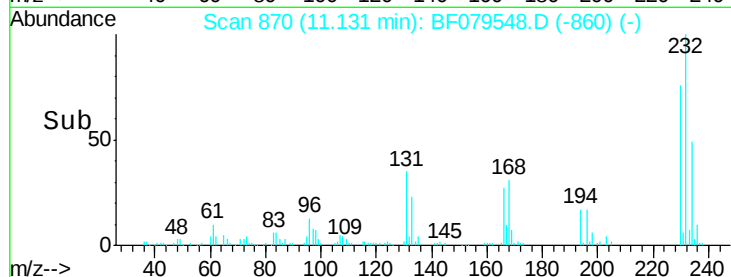
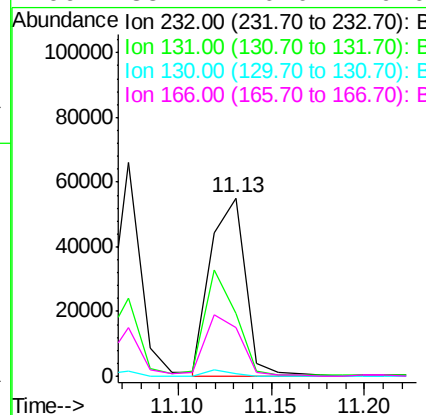
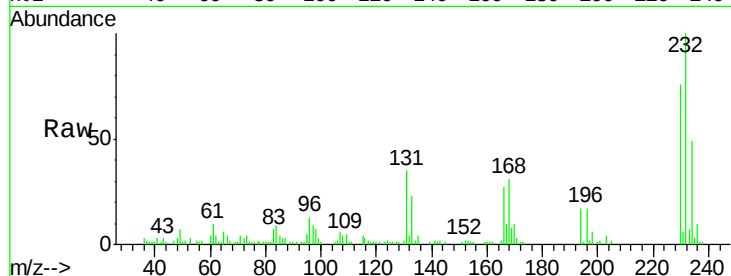
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.21 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Instrument :
 BNA_F
 ClientSampled :
 TP-8-SSMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	72702		
131	52.2	0.0	0.0	0.0
130	2.7	0.0	0.0	0.0
166	35.1	0.0	0.0	0.0

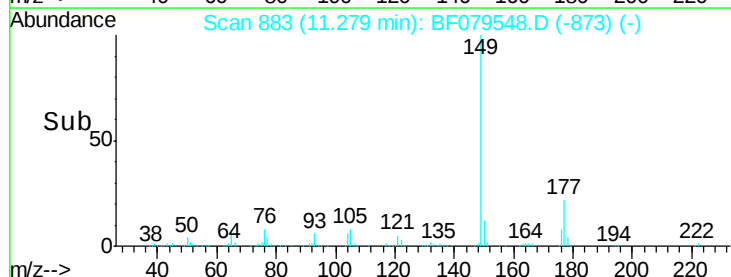
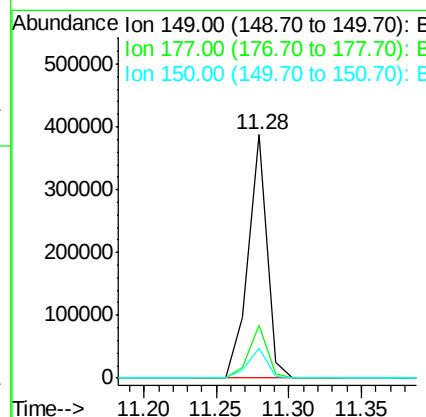
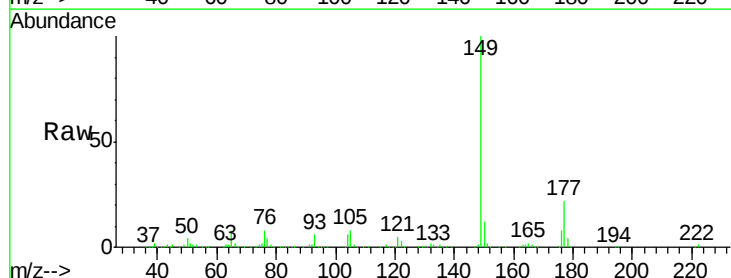
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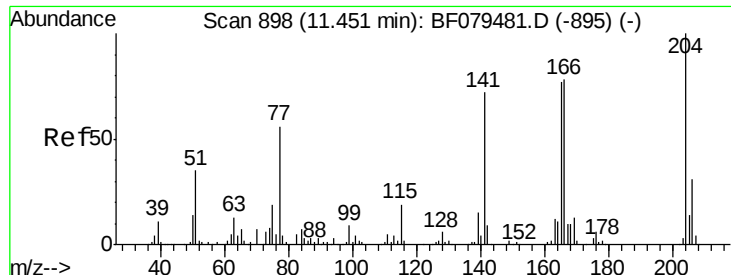
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#59
 Diethylphthalate
 Concen: 36.10 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	350229		
177	21.7	18.9	28.3	
150	12.2	9.8	14.6	





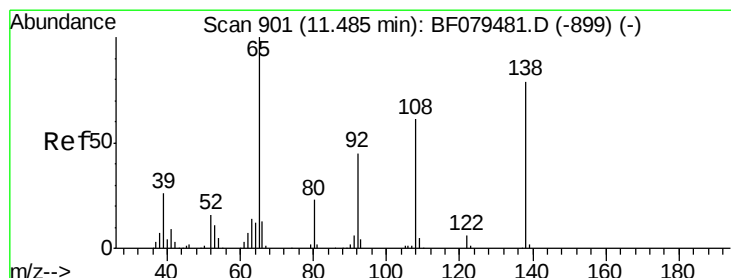
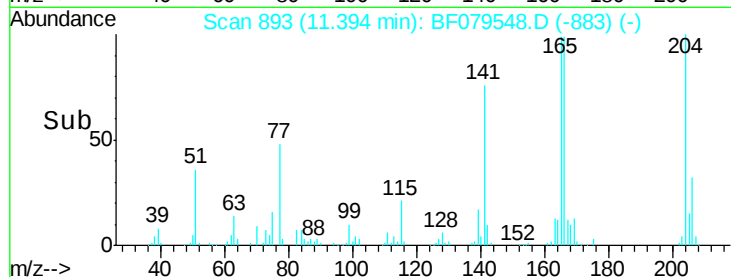
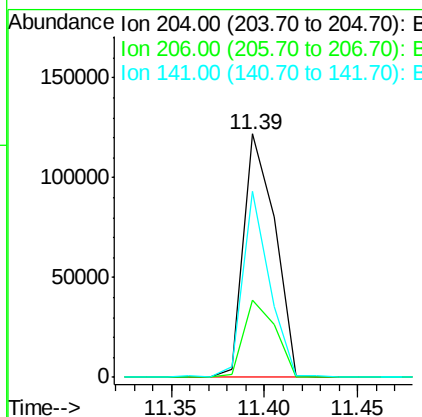
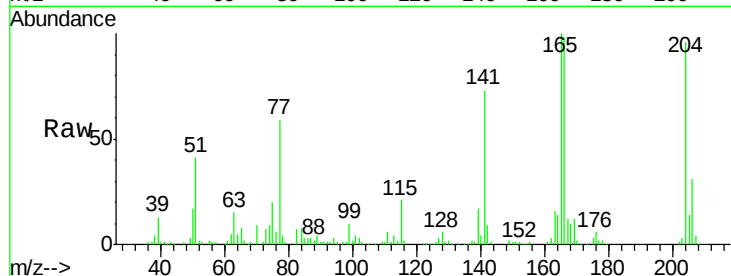
#60
4-Chlorophenyl-phenylether
Concen: 34.37 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.0	37.4
141	76.3	57.4	86.2

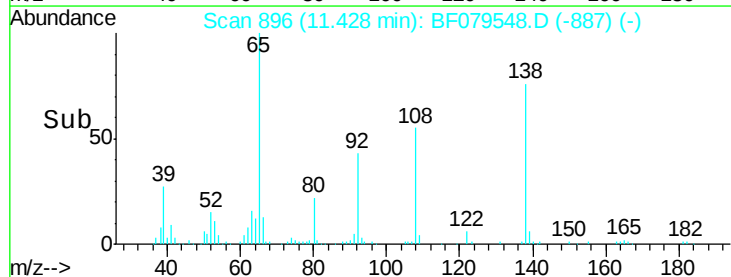
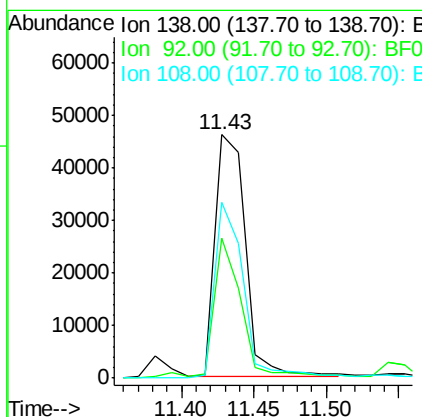
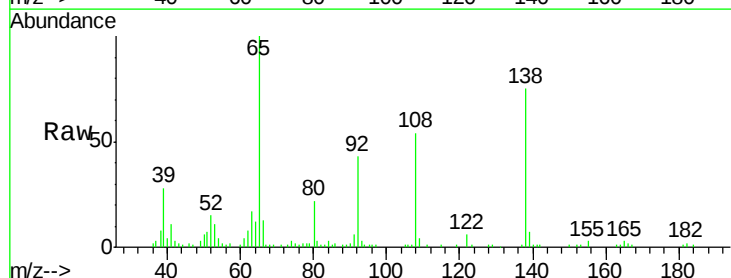
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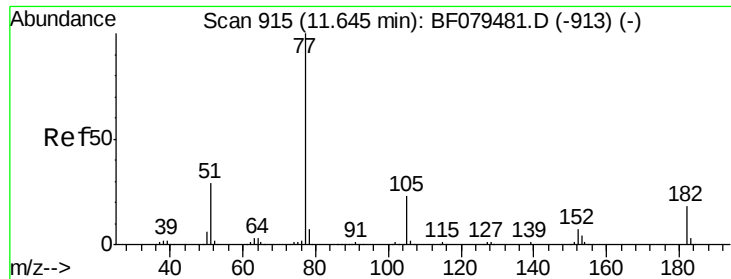
apatel
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#61
4-Nitroaniline
Concen: 27.81 ng
RT: 11.43 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	37.2	77.2
108	72.3	57.0	97.0





#62

Azobenzene

Concen: 33.95 ng

RT: 11.59 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		320363		
182	19.9	0.0	37.7		
105	22.1	2.7	42.7		
51	29.6	8.9	48.9		

Instrument :

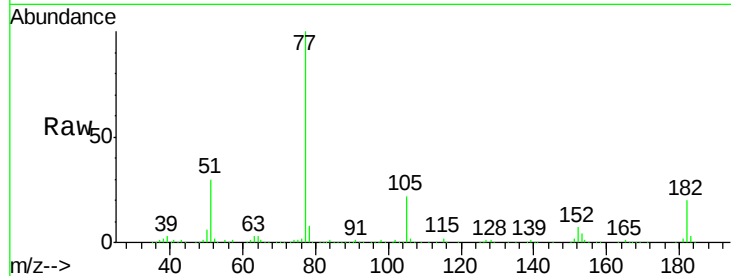
BNA_F

ClientSampleId :

TP-8-SSMS

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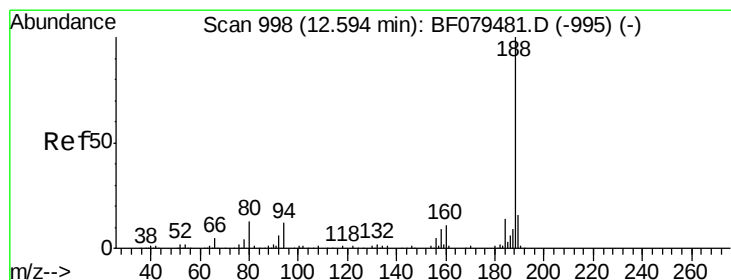
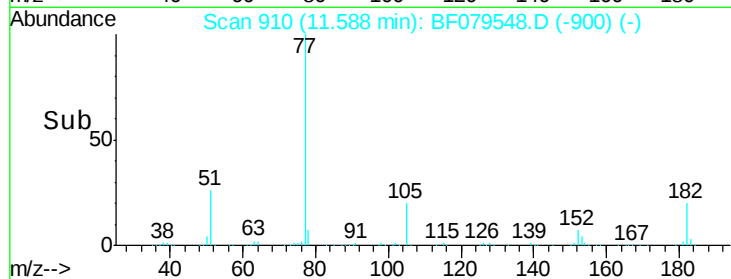
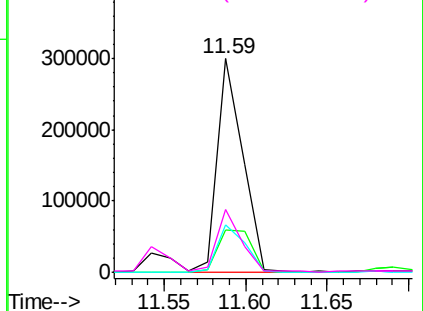


Abundance Ion 77.00 (76.70 to 77.70): BF079481.D (-913) (-)

Ion 182.00 (181.70 to 182.70): BF079481.D (-913) (-)

Ion 105.00 (104.70 to 105.70): BF079481.D (-913) (-)

Ion 51.00 (50.70 to 51.70): BF079481.D (-913) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.54 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF079548.D

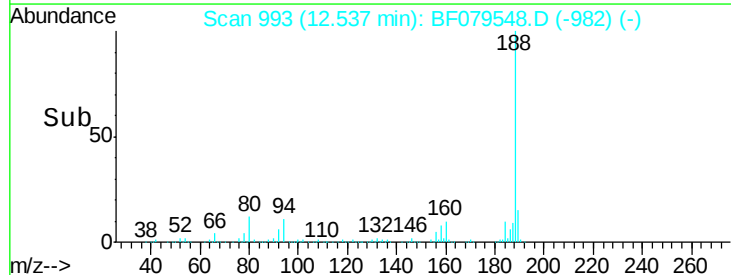
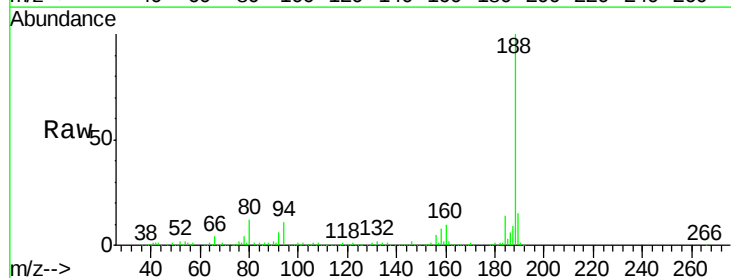
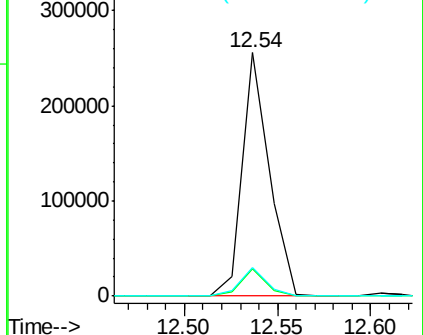
Acq: 28 May 2015 17:04

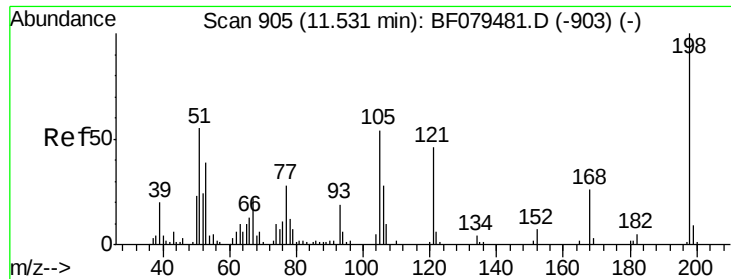
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		257927		
94	11.4	9.8	14.6		
80	11.8	10.5	15.7		

Abundance Ion 188.00 (187.70 to 188.70): BF079481.D (-995) (-)

Ion 94.00 (93.70 to 94.70): BF079481.D (-995) (-)

Ion 80.00 (79.70 to 80.70): BF079481.D (-995) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 23.27 ng

RT: 11.49 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF079548.D

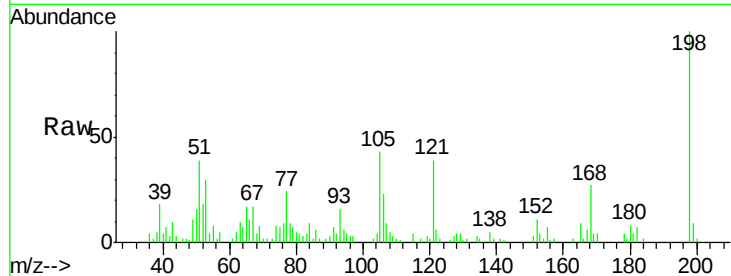
Acq: 28 May 2015 17:04

Instrument :

BNA_F

ClientSampleId :

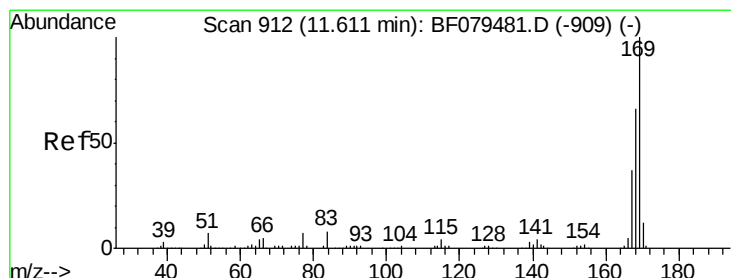
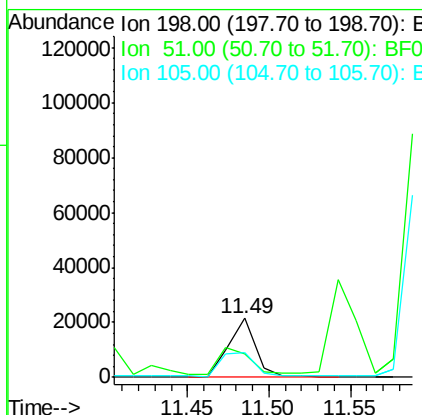
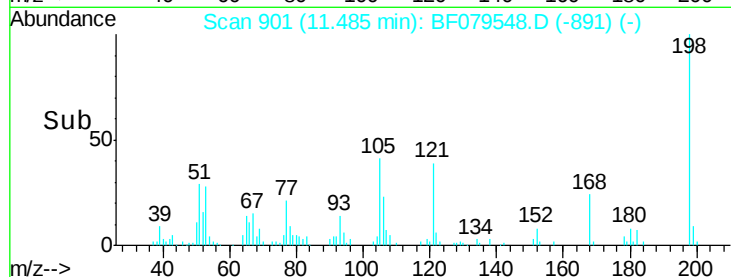
TP-8-SSMS



Tot Ion:	198	Resp:	24840
Ion	Ratio	Lower	Upper
198	100		
51	39.1	36.0	76.0
105	43.0	34.1	74.1

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#65

n-Nitrosodiphenylamine

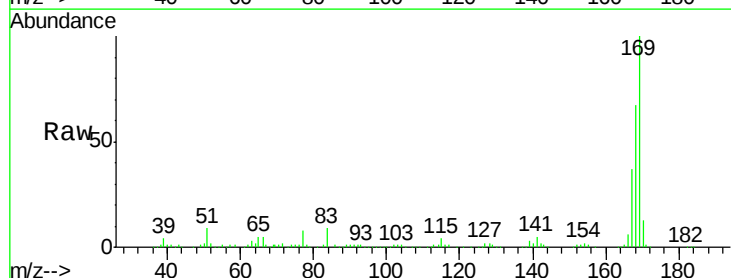
Concen: 33.70 ng

RT: 11.55 min Scan# 907

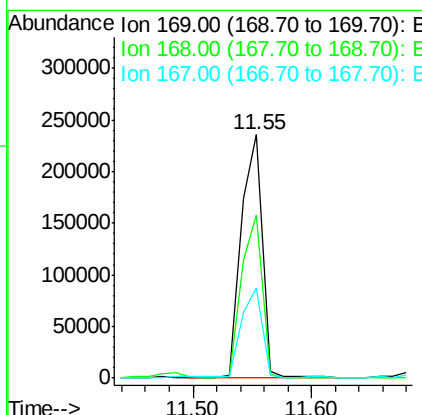
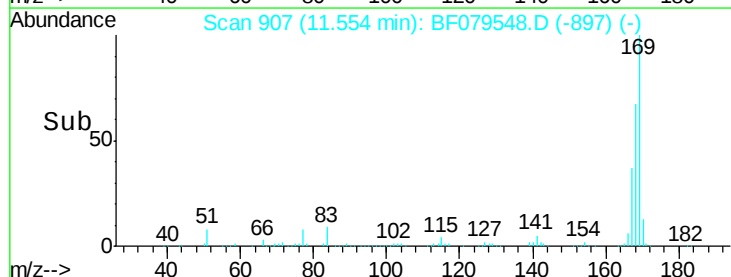
Delta R.T. 0.00 min

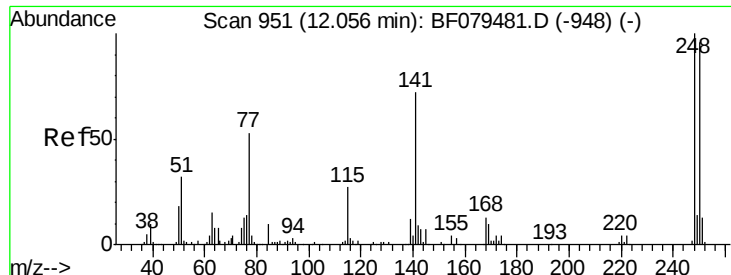
Lab File: BF079548.D

Acq: 28 May 2015 17:04



Tgt Ion:	169	Resp:	288729
Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.1	79.7
167	37.1	29.9	44.9





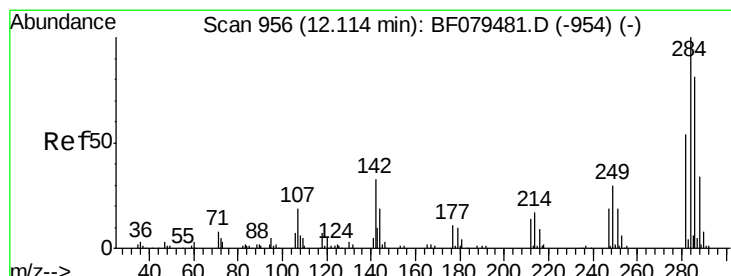
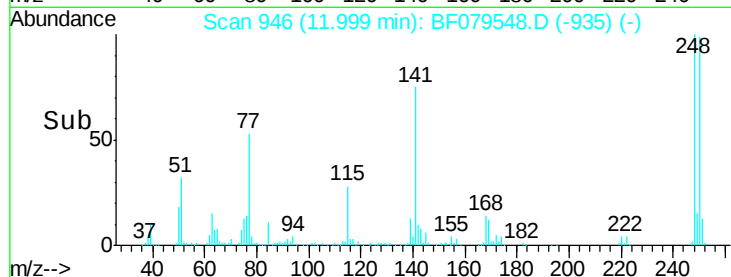
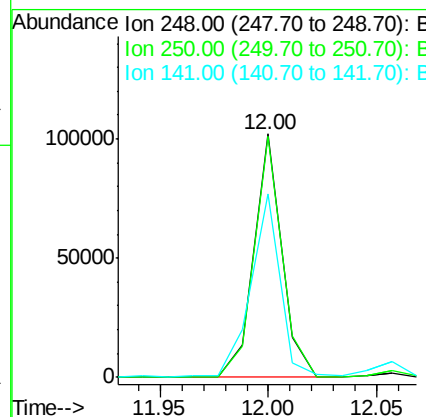
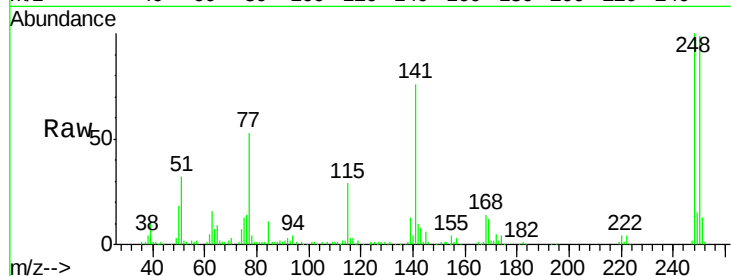
#66
 4-Bromophenyl-phenylether
 Concen: 34.31 ng
 RT: 12.00 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Instrument :
 BNA_F
 ClientSampled :
 TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.8	115.2
141	75.6	57.7	86.5

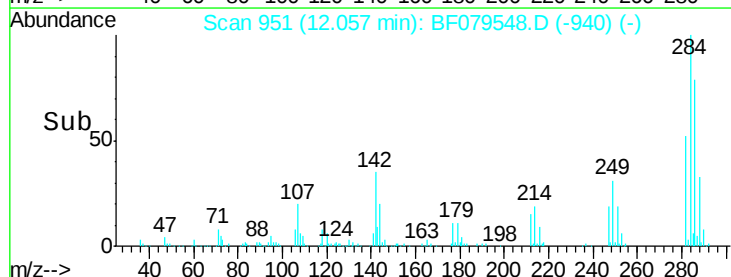
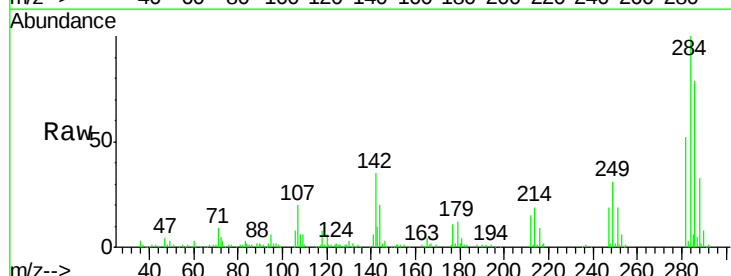
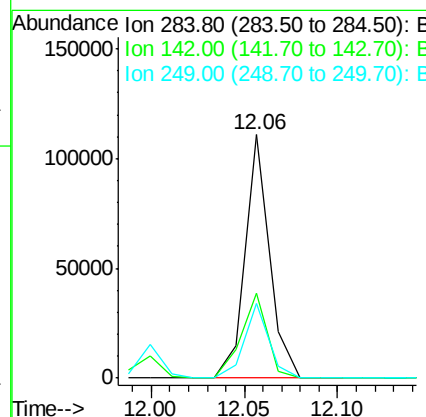
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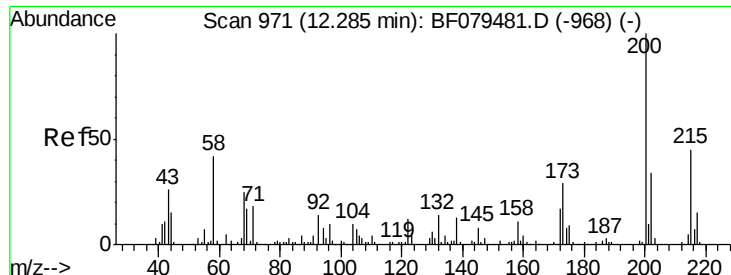
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#67
 Hexachlorobenzene
 Concen: 33.35 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	26.2	39.2
249	30.6	24.3	36.5





#68

Atrazine

Concen: 38.51 ng

RT: 12.23 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

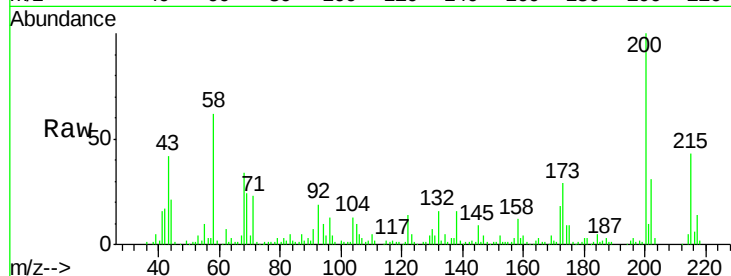
ClientSampleId :

TP-8-SSMS

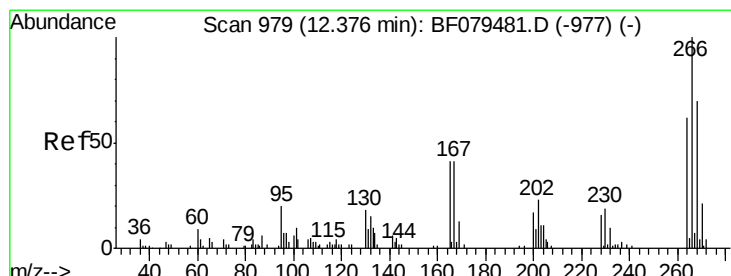
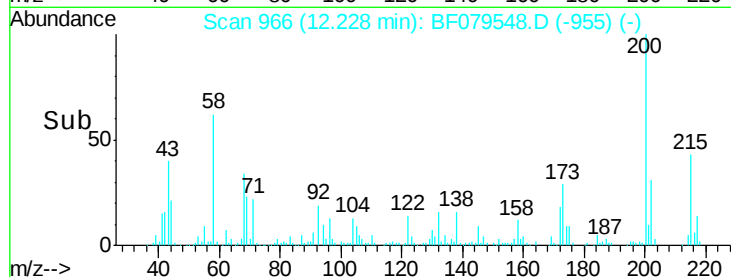
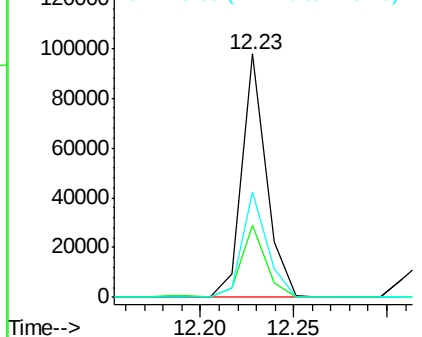
Tot Ion:	200	Resp:	89113
Ion Ratio	Lower	Upper	
200	100		
173	29.4	9.4	49.4
215	43.2	25.3	65.3

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



#69

Pentachlorophenol

Concen: 78.83 ng

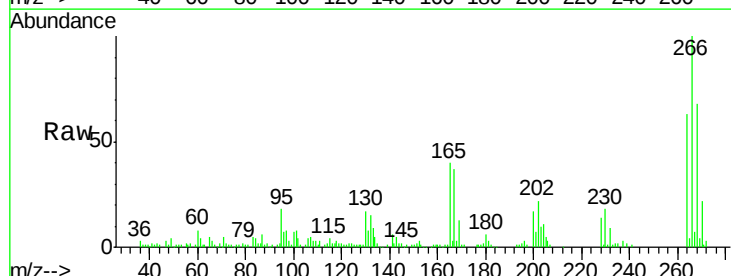
RT: 12.32 min Scan# 974

Delta R.T. 0.00 min

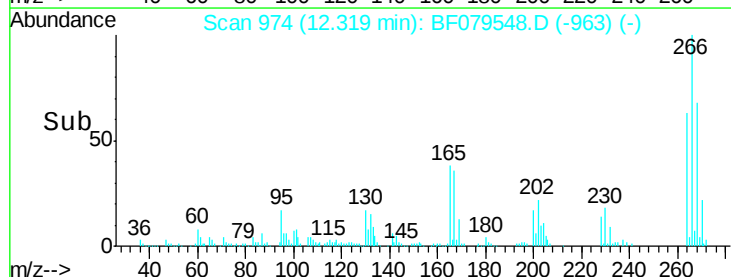
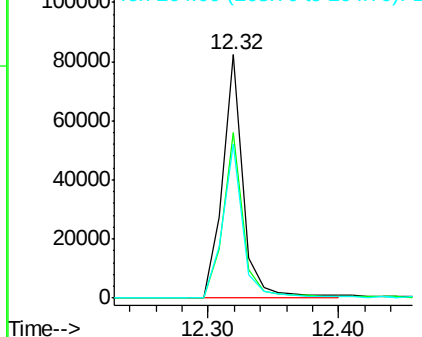
Lab File: BF079548.D

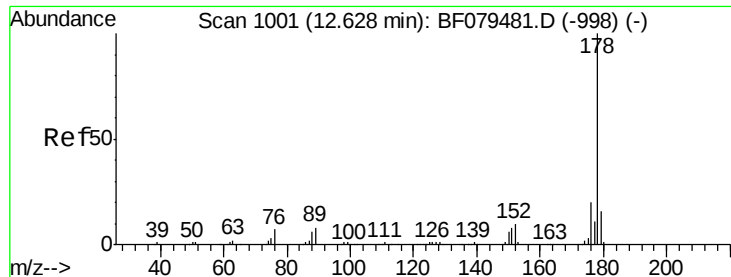
Acq: 28 May 2015 17:04

Tgt Ion:	266	Resp:	91450
Ion Ratio	Lower	Upper	
266	100		
268	67.9	56.1	84.1
264	63.2	50.0	75.0



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





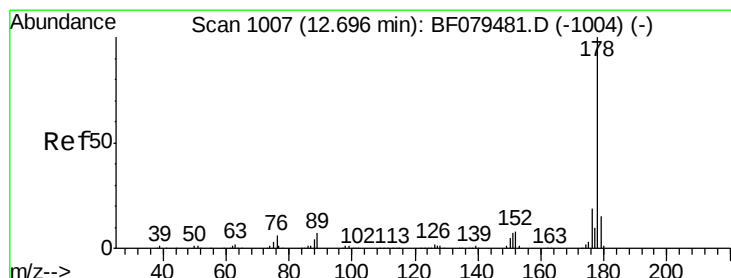
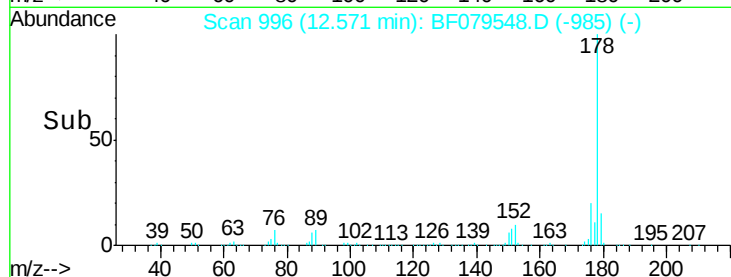
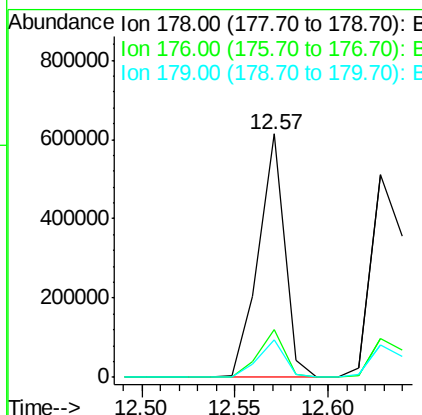
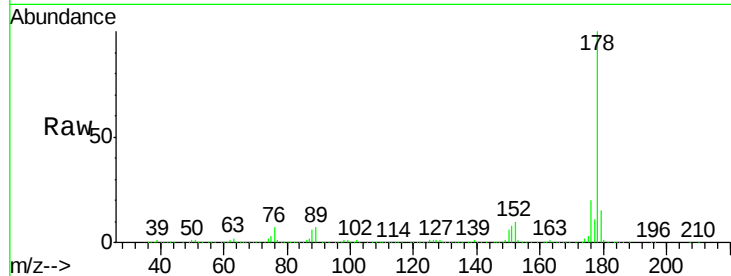
#70
Phenanthrene
Concen: 41.89 ng
RT: 12.57 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.3	12.4	18.6

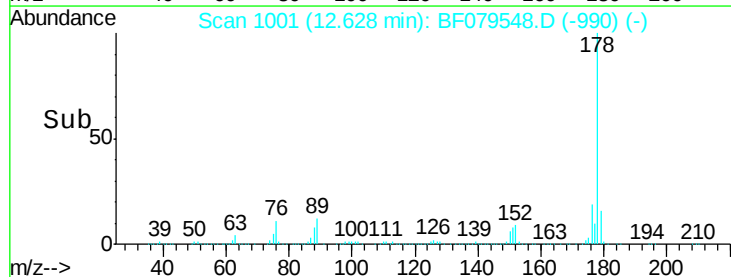
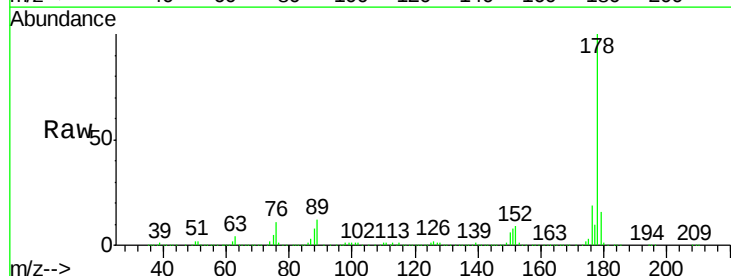
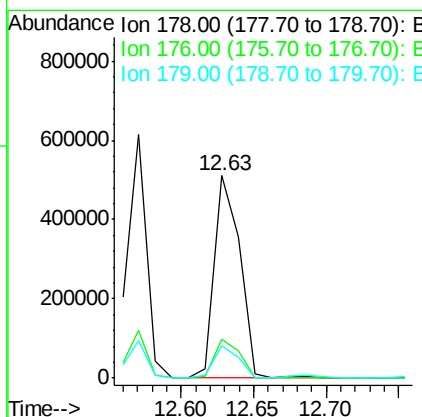
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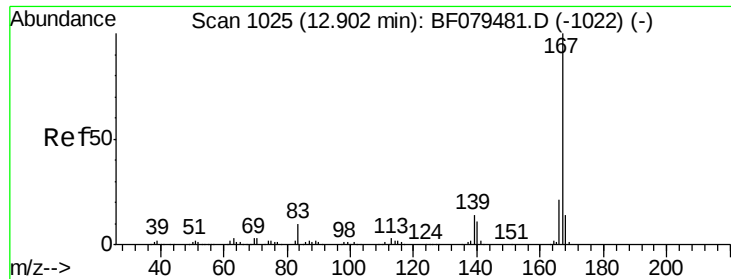
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#71
Anthracene
Concen: 43.19 ng
RT: 12.63 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.2	12.2	18.4





#72

Carbazole

Concen: 35.75 ng

RT: 12.85 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

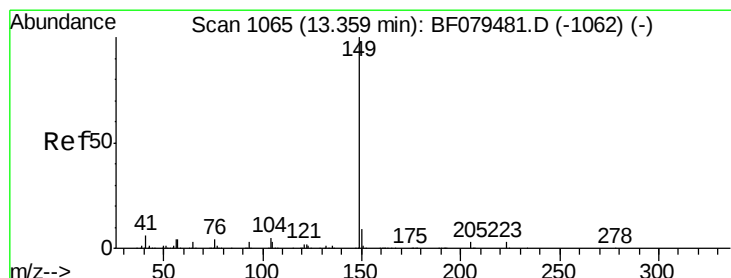
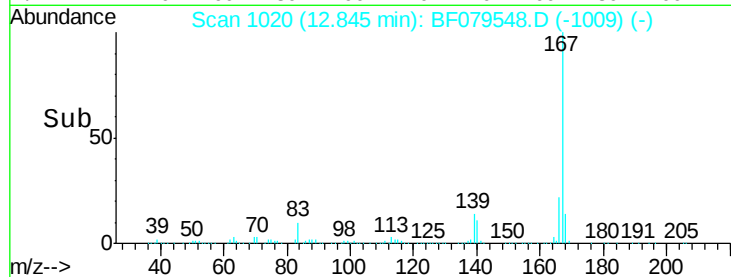
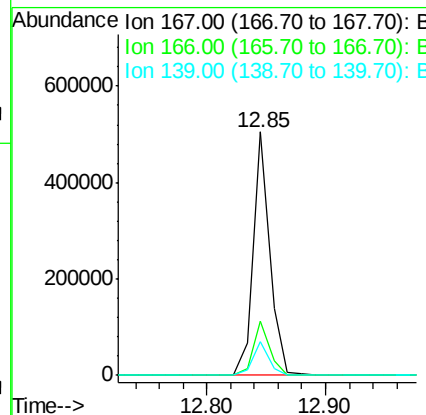
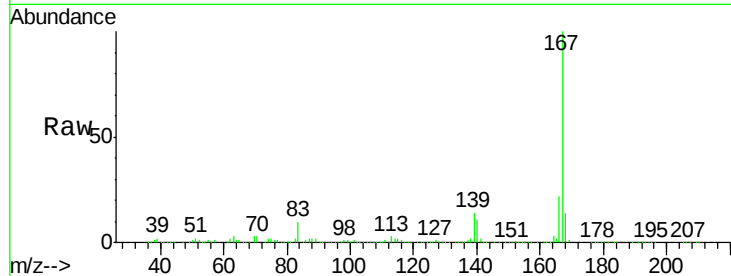
ClientSampleId :

TP-8-SSMS

Tot Ion:	167	Resp:	494405
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.0	25.4
139	14.1	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 36.59 ng

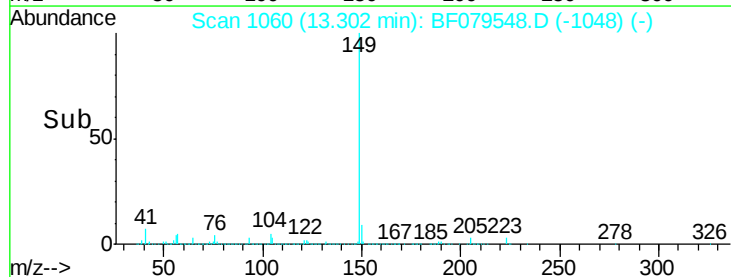
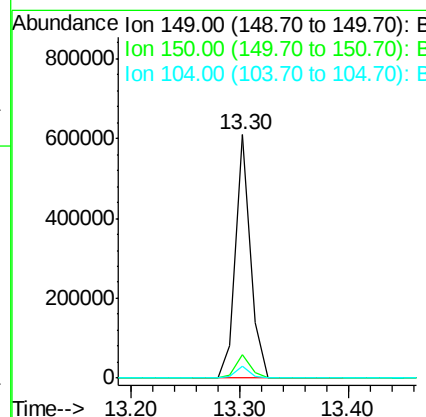
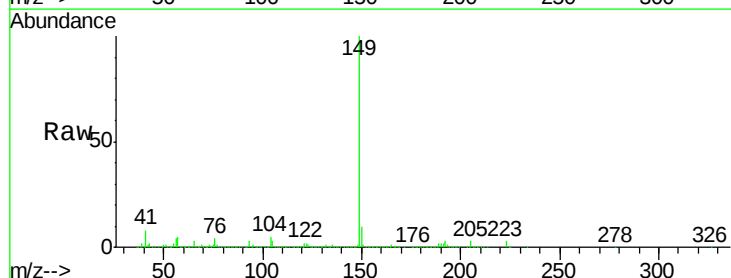
RT: 13.30 min Scan# 1060

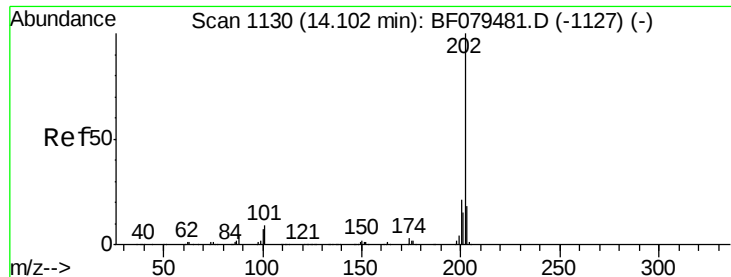
Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Tgt Ion:	149	Resp:	571579
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.5	11.3
104	4.8	3.6	5.4





#74

Fluoranthene

Concen: 52.92 ng

RT: 14.03 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

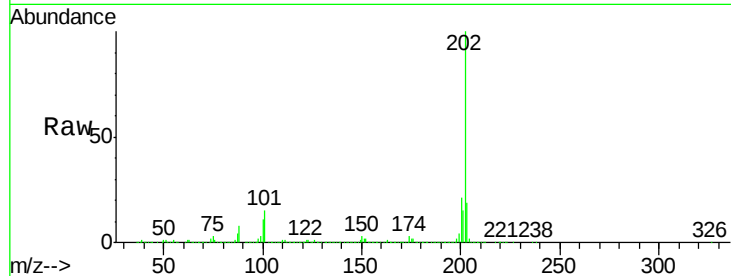
ClientSampleId :

TP-8-SSMS

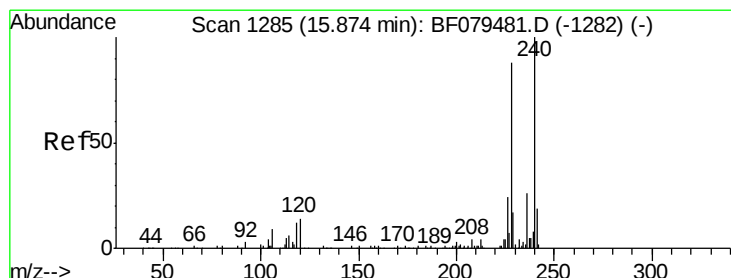
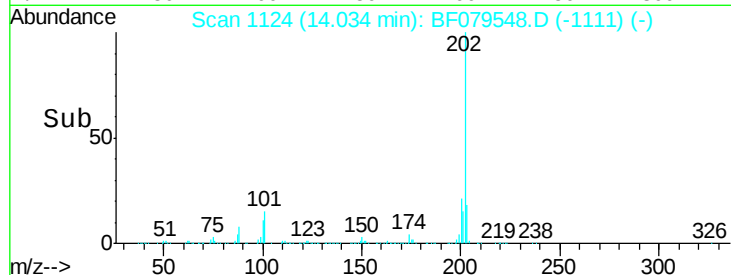
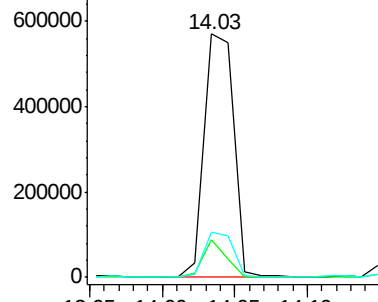
Tot Ion:	202	Resp:	803029
Ion Ratio	Lower	Upper	
202	100		
101	15.3	0.0	29.3
203	18.7	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

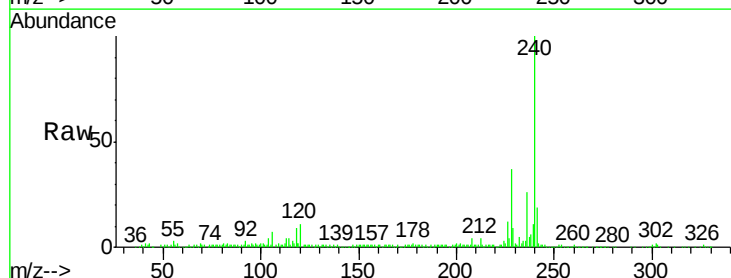
RT: 15.83 min Scan# 1281

Delta R.T. -0.01 min

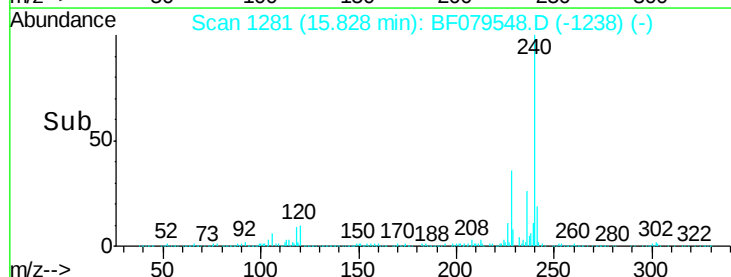
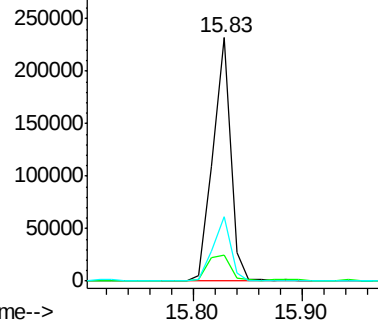
Lab File: BF079548.D

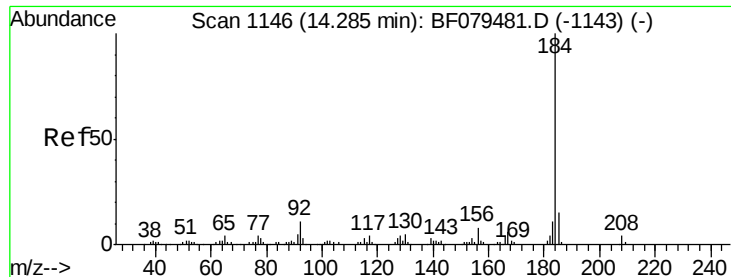
Acq: 28 May 2015 17:04

Tgt Ion:	240	Resp:	258043
Ion Ratio	Lower	Upper	
240	100		
120	10.7	10.8	16.2#
236	26.5	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.48 ng

RT: 14.23 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

ClientSampleId :

TP-8-SSMS

Tot Ion:184 Resp: 13728

Ion Ratio Lower Upper

184 100

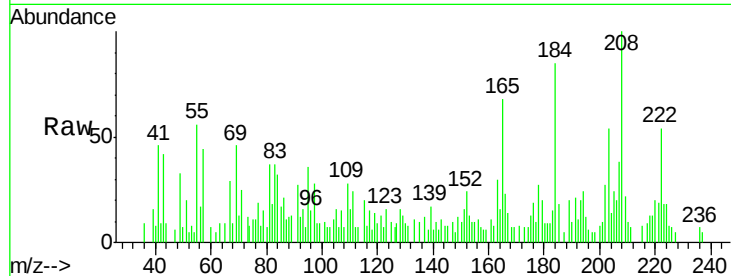
185 21.0 12.1 18.1#

183 17.2 8.6 12.8#

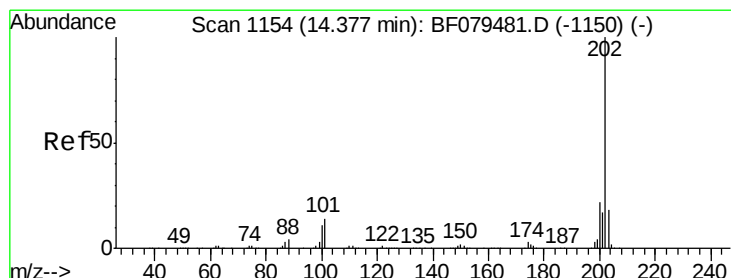
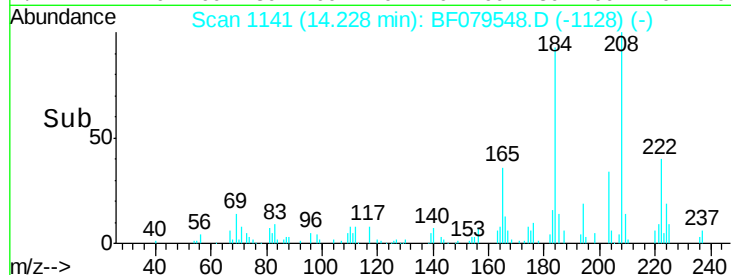
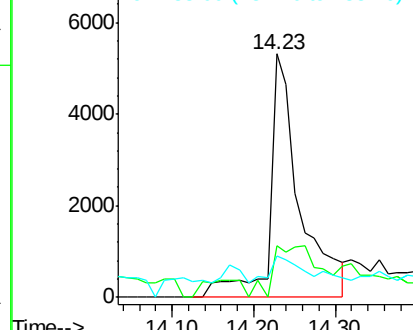
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 54.11 ng

RT: 14.32 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

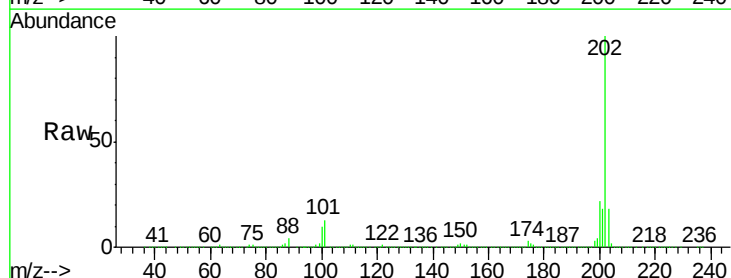
Tgt Ion:202 Resp: 865116

Ion Ratio Lower Upper

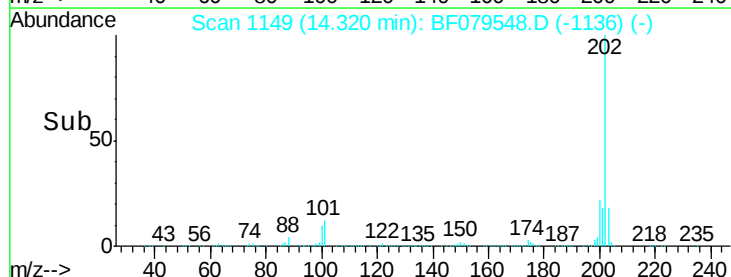
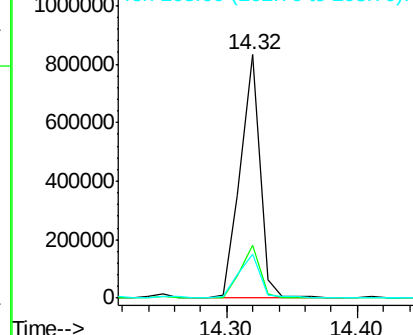
202 100

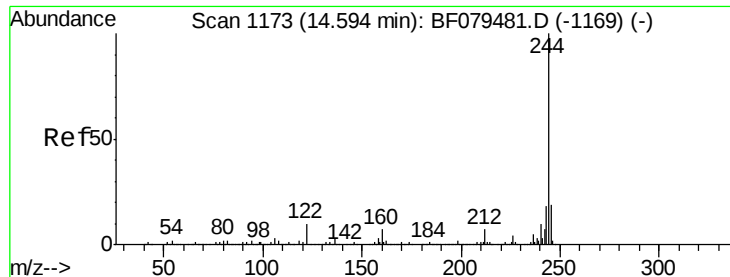
200 21.7 17.5 26.3

203 17.9 14.4 21.6



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: 61.42 ng

RT: 14.54 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

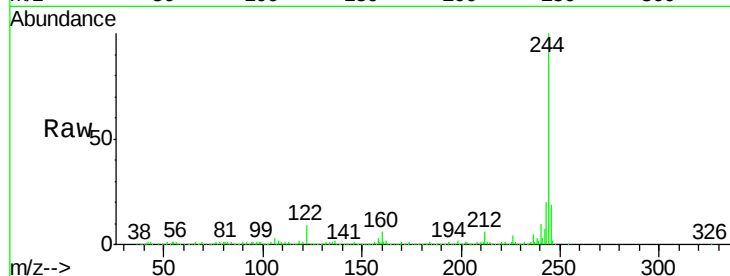
ClientSampleId :

TP-8-SSMS

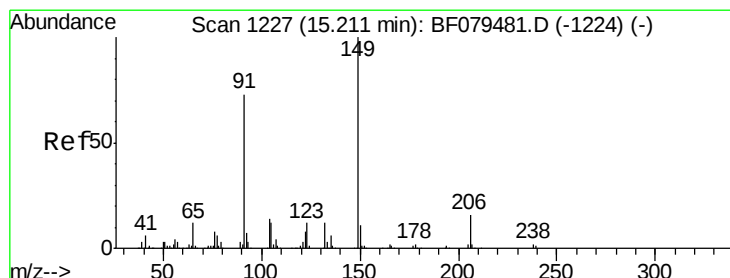
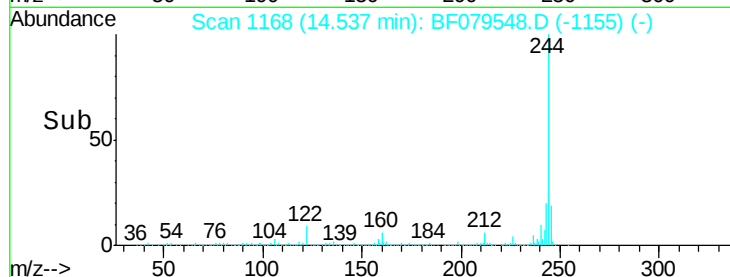
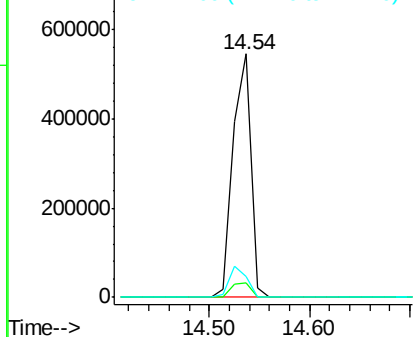
Tot Ion:	244	Resp:	675289
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.2	7.8
122	8.8	8.0	12.0

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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: 35.82 ng

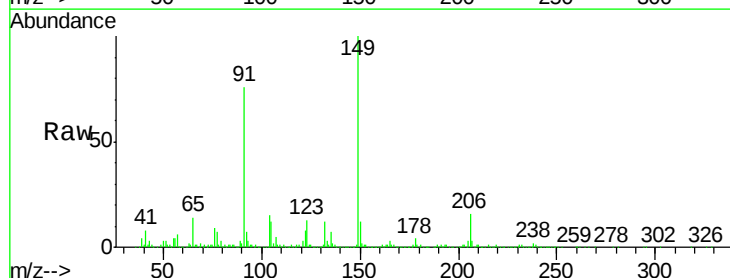
RT: 15.15 min Scan# 1222

Delta R.T. -0.01 min

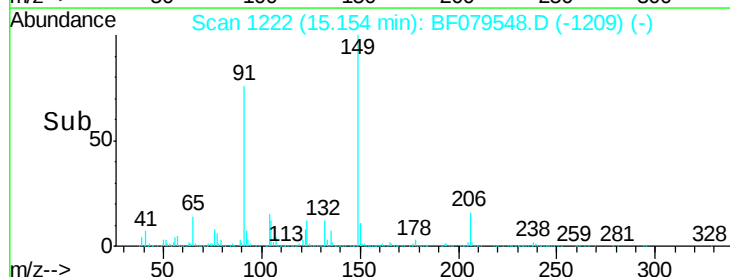
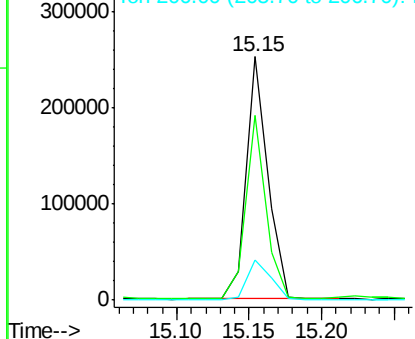
Lab File: BF079548.D

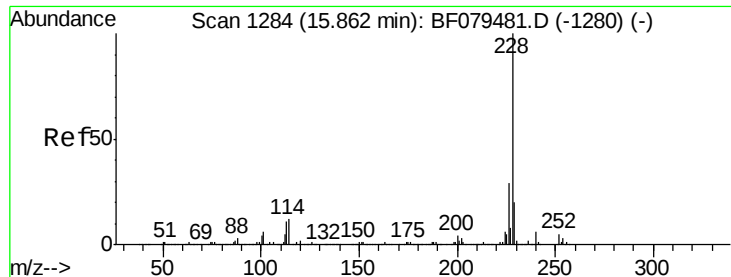
Acq: 28 May 2015 17:04

Tgt Ion:	149	Resp:	257566
Ion Ratio	Lower	Upper	
149	100		
91	76.0	58.1	87.1
206	16.3	13.1	19.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





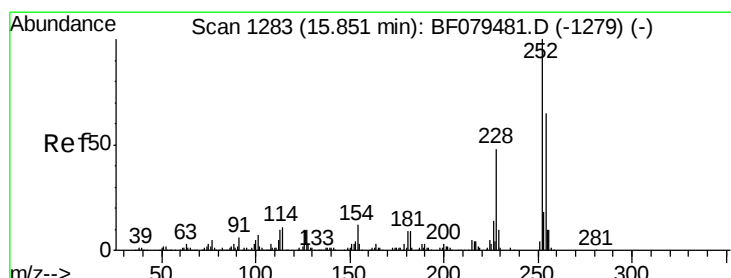
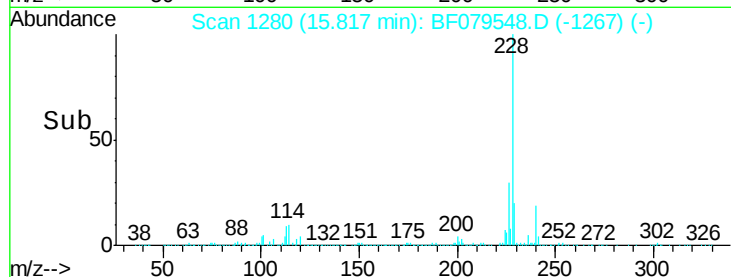
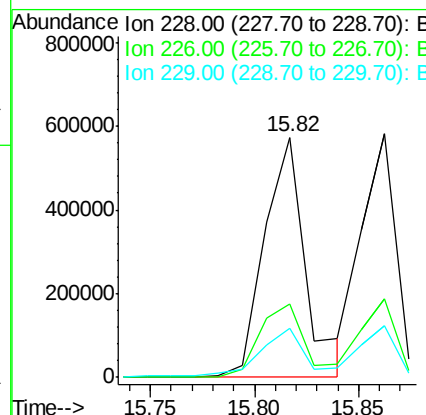
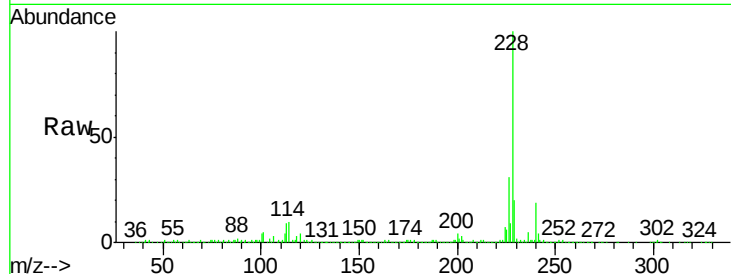
#80
Benzo(a)anthracene
Concen: 53.19 ng/mL
RT: 15.82 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.8	34.2
229	20.3	15.9	23.9

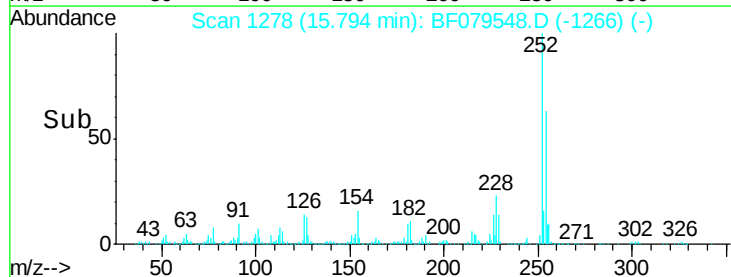
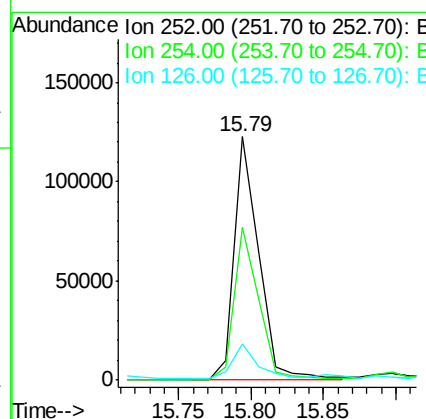
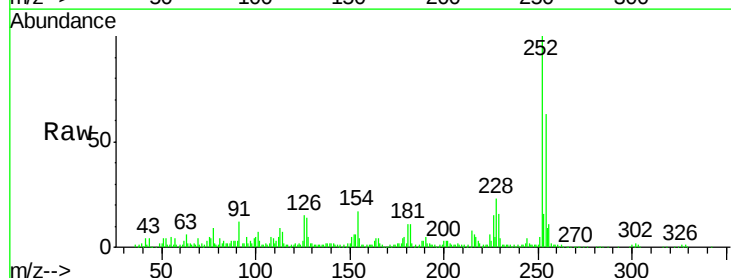
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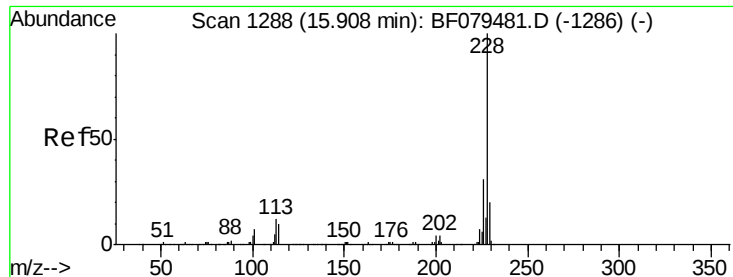
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#81
3,3'-Dichlorobenzidine
Concen: 26.74 ng/mL
RT: 15.79 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.1	78.1
126	14.7	8.2	12.2





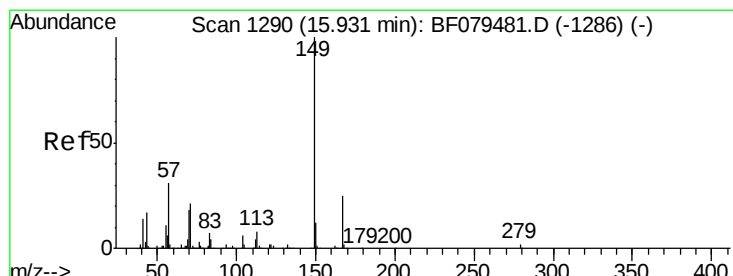
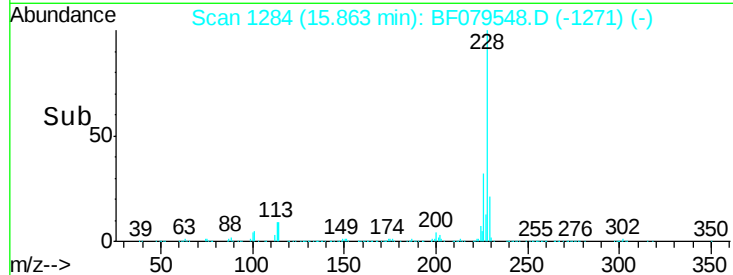
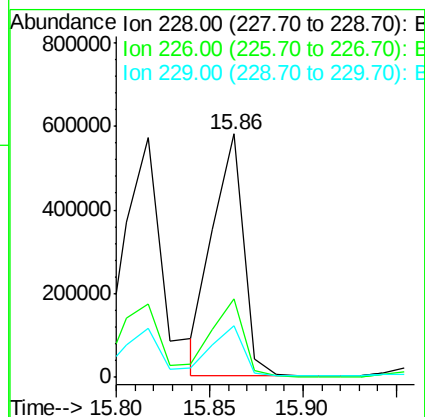
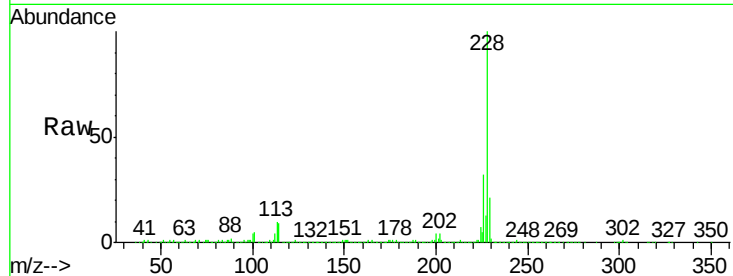
#82
 Chrysene
 Concen: 47.41 ng
 RT: 15.86 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SSMS

Tot Ion:	228	Resp:	668907
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.0	37.4
229	21.0	15.9	23.9

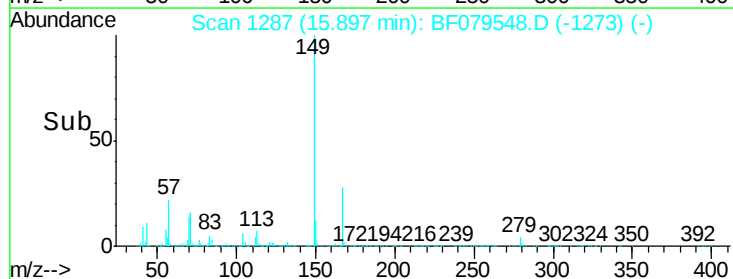
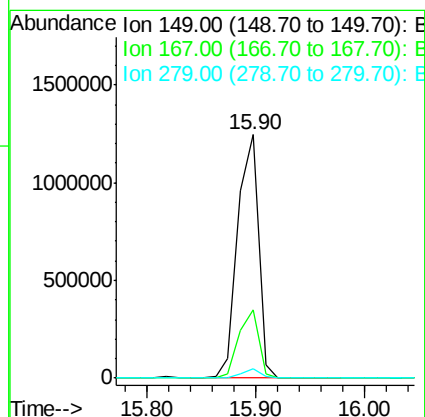
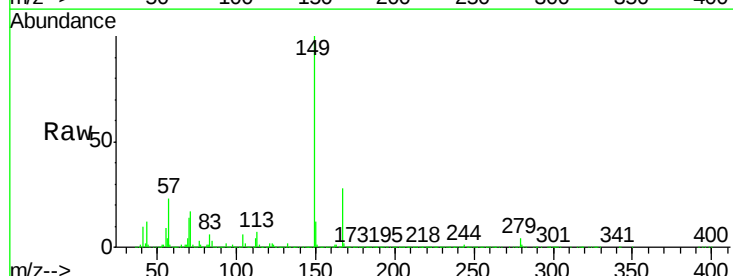
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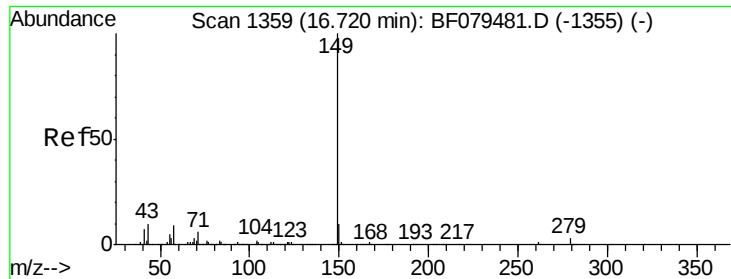
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 157.91 ng
 RT: 15.90 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF079548.D
 Acq: 28 May 2015 17:04

Tgt Ion:	149	Resp:	1626484
Ion Ratio	Lower	Upper	
149	100		
167	27.8	20.2	30.4
279	4.1	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 40.09 ng

RT: 16.70 min Scan# 1357

Delta R.T. -0.06 min

Lab File: BF079548.D

Acq: 28 May 2015 17:04

Instrument :

BNA_F

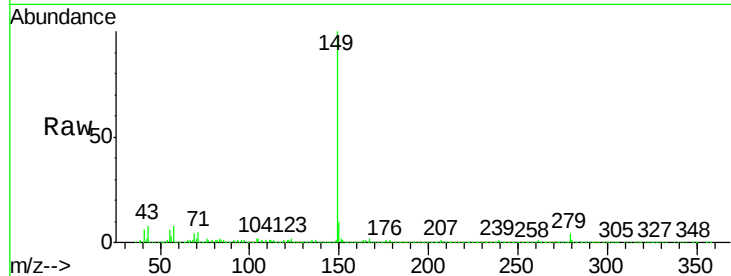
ClientSampleId :

TP-8-SSMS

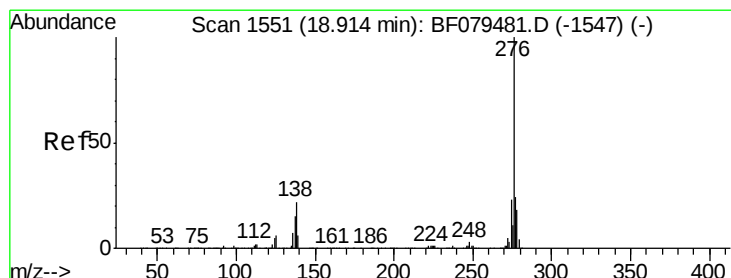
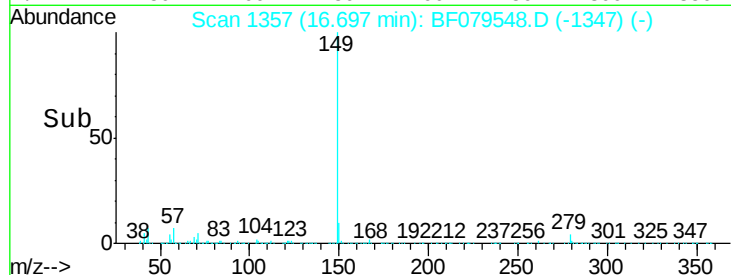
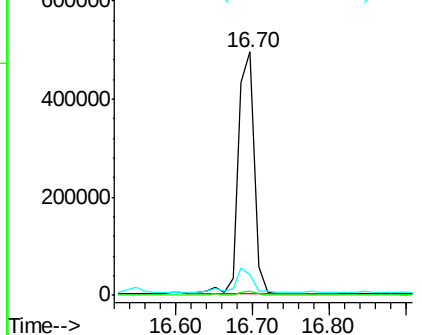
Tot Ion:	149	Resp:	718643
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.2	1.8#
43	10.2	7.8	11.6

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 49.83 ng

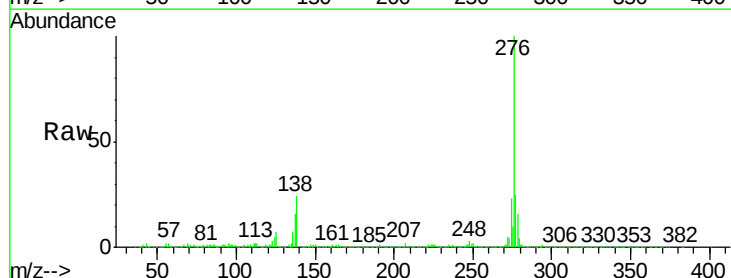
RT: 18.87 min Scan# 1547

Delta R.T. -0.15 min

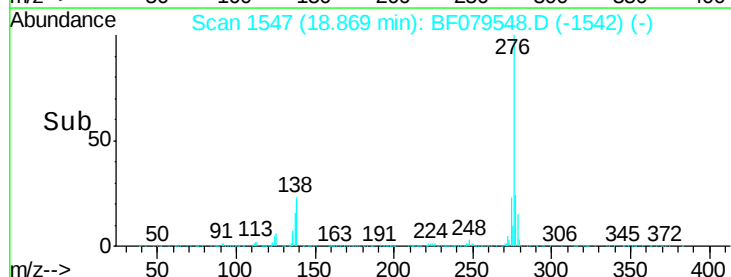
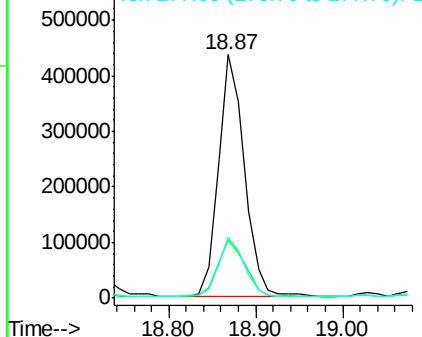
Lab File: BF079548.D

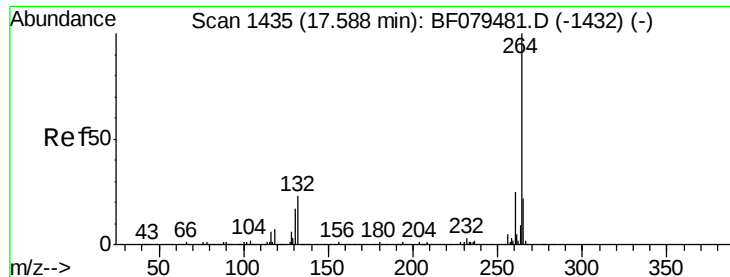
Acq: 28 May 2015 17:04

Tgt Ion:	276	Resp:	904277
Ion Ratio	Lower	Upper	
276	100		
138	25.6	21.4	32.2
277	24.6	19.8	29.6



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





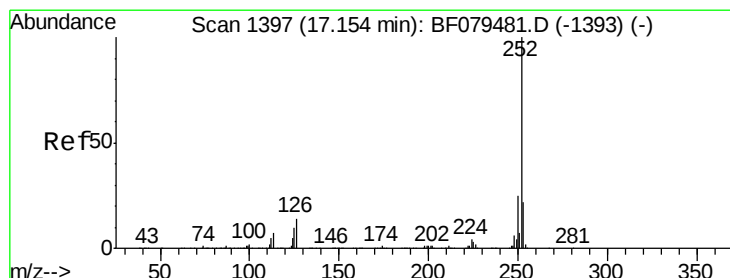
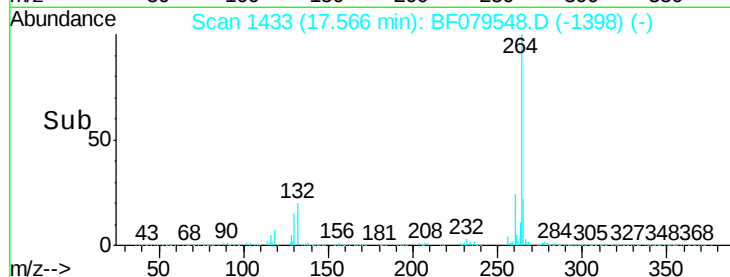
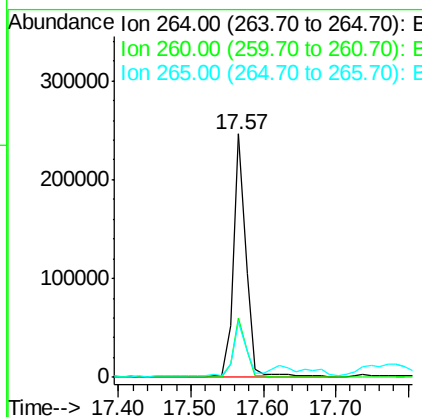
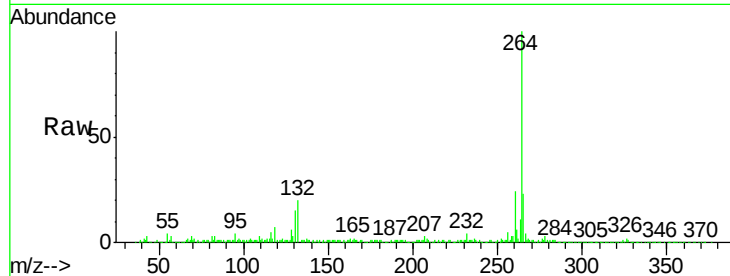
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.57 min Scan# 1433
Delta R.T. -0.10 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	22.6	17.8	26.6

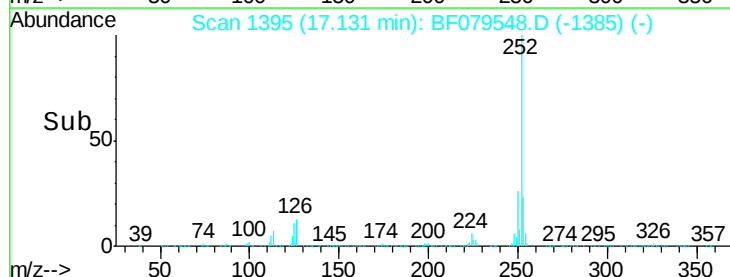
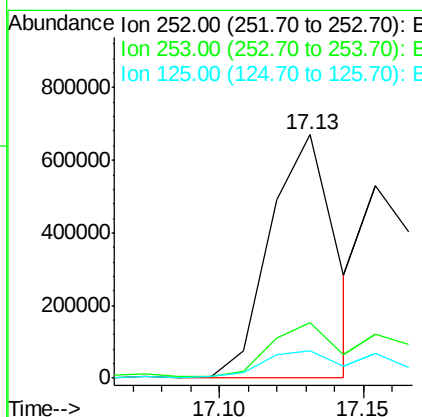
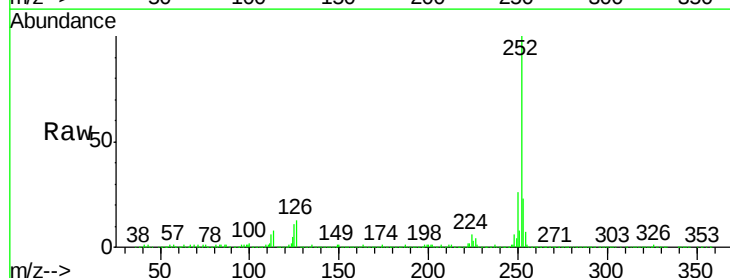
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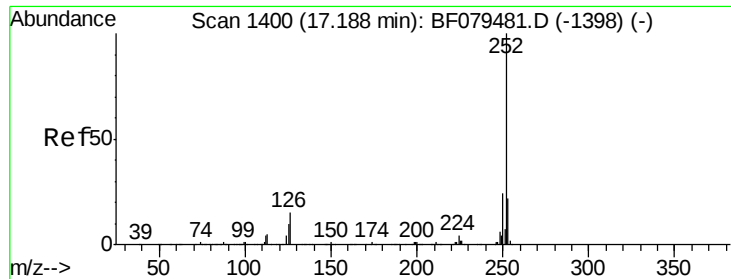
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#87
Benzo(b)fluoranthene
Concen: 62.08 ng m
RT: 17.13 min Scan# 1395
Delta R.T. -0.07 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.0	7.8	11.6





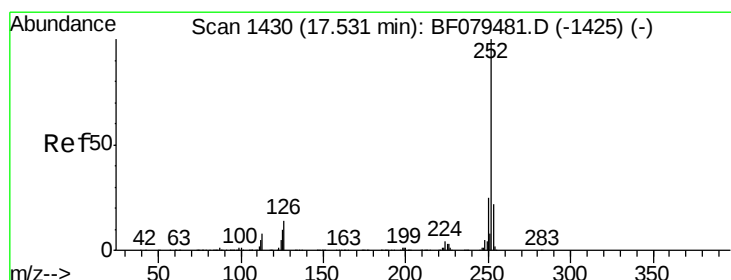
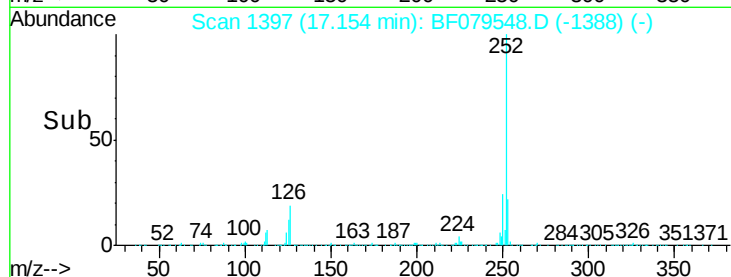
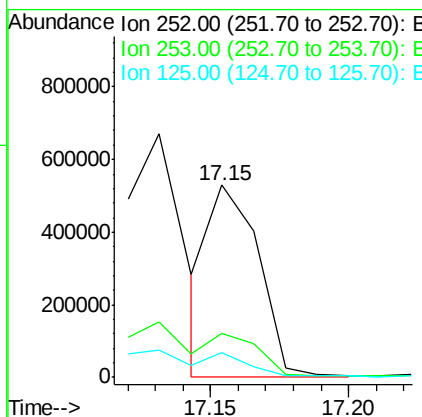
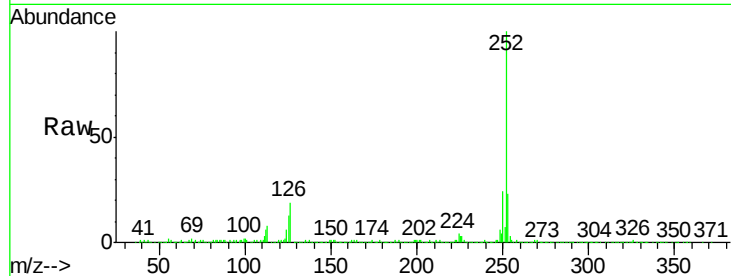
#88
Benzo(k)fluoranthene
Concen: 44.38 ng m
RT: 17.15 min Scan# 1397
Delta R.T. -0.08 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.7	6.8	10.2

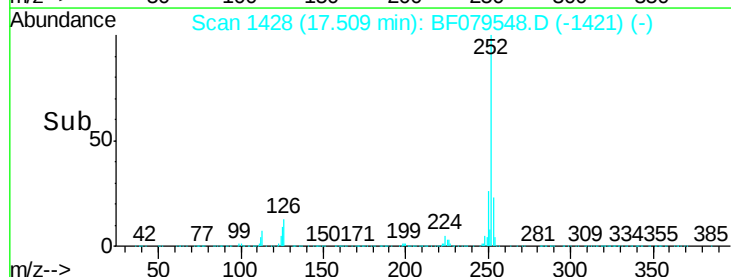
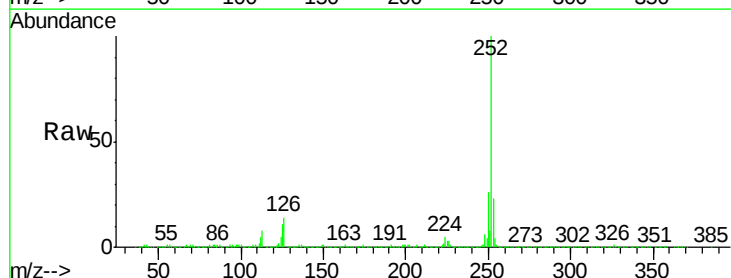
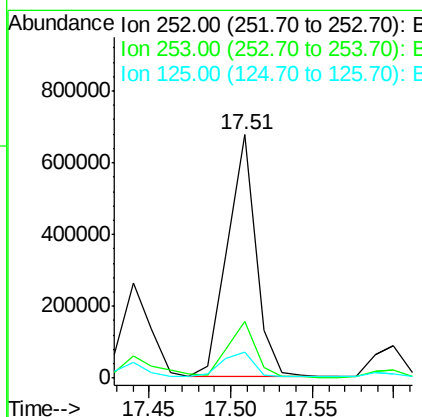
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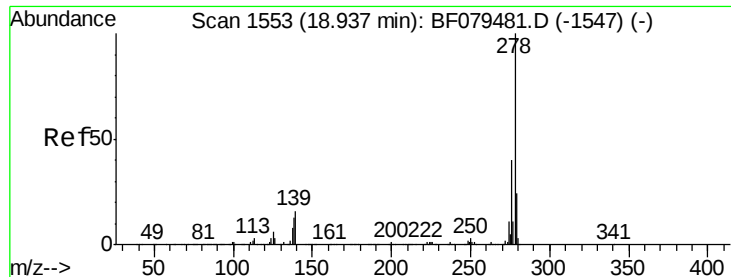
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#89
Benzo(a)pyrene
Concen: 55.61 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.10 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.8	7.9	11.9





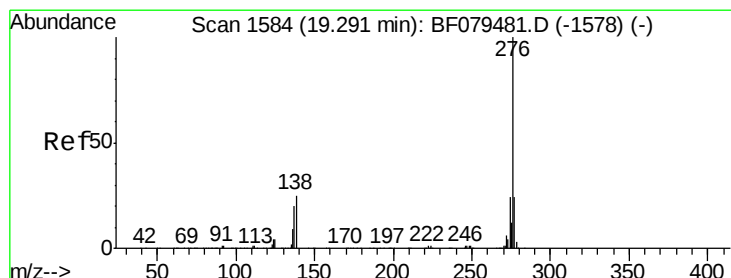
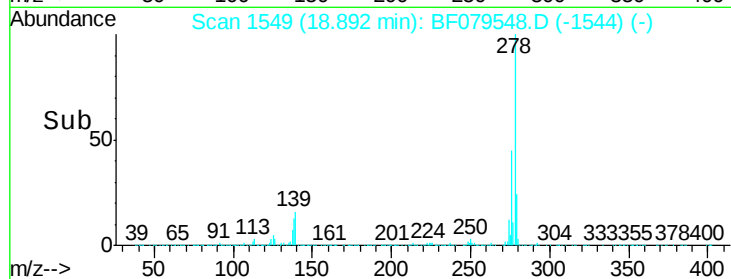
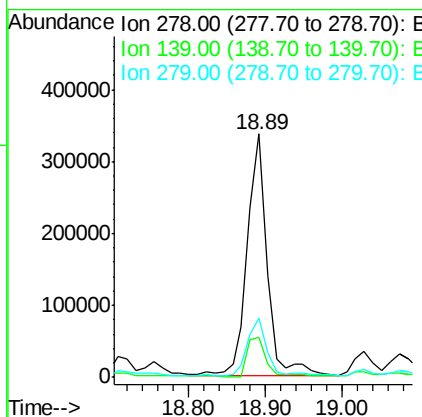
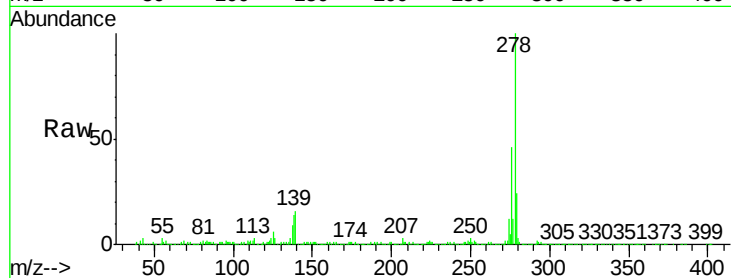
#90
Dibenzo(a,h)anthracene
Concen: 38.75 ng
RT: 18.89 min Scan# 1549
Delta R.T. -0.15 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Tot Ion:	278	Resp:	601809
Ion Ratio	Lower	Upper	
278	100		
139	16.4	12.8	19.2
279	24.2	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 50.33 ng
RT: 19.26 min Scan# 1581
Delta R.T. -0.15 min
Lab File: BF079548.D
Acq: 28 May 2015 17:04

Tgt Ion:	276	Resp:	780298
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.1	28.7
138	18.9	20.1	30.1#

