

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078667.D
 Acq On : 21 Apr 2015 4:52
 Operator : TP/IZ
 Sample : G1943-01MSD 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

Manual Integrations
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 4/21/2015 5:04:08 PM

Quant Time: Apr 21 11:15:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 03:43:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	29224	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	122314	20.00	ng	-0.01
38) Acenaphthene-d10	11.20	164	62041	20.00	ng	-0.01
63) Phenanthrene-d10	13.93	188	118072	20.00	ng	-0.01
75) Chrysene-d12	17.79	240	125188	20.00	ng	-0.01
86) Perylene-d12	19.49	264	122164	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	3.87	112	32365	18.26	ng	0.00
7) Phenol-d6	5.36	99	48316	21.75	ng	0.00
23) Nitrobenzene-d5	6.79	82	28147	13.95	ng	-0.01
41) 2,4,6-Tribromophenol	12.67	330	12781	24.84	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	67848	15.63	ng	-0.01
78) Terphenyl-d14	16.46	244	81121	14.64	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.44	88	2420	3.02	ng	# 1
3) Pyridine	1.98	79	9026	4.30	ng	# 65
4) n-Nitrosodimethylamine	1.91	42	2483	3.07	ng	# 85
6) Aniline	5.35	93	14357	4.56	ng	92
8) 2-Chlorophenol	5.52	128	14825	7.07	ng	97
10) Phenol	5.38	94	18765	7.05	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	13226	6.91	ng	98
12) 1,3-Dichlorobenzene	5.75	146	13838	6.01	ng	98
13) 1,4-Dichlorobenzene	5.88	146	14456	6.24	ng	95
14) 1,2-Dichlorobenzene	6.11	146	14085	6.48	ng	98
15) Benzyl Alcohol	6.14	79	11501	7.37	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.38	45	17581	6.89	ng	72
17) 2-Methylphenol	6.36	107	11984	7.36	ng	96
18) Hexachloroethane	6.66	117	4930	6.31	ng	# 78
19) n-Nitroso-di-n-propylamine	6.58	70	10617	7.24	ng	92
20) 3+4-Methylphenols	6.64	107	14563	6.71	ng	97
22) Acetophenone	6.55	105	20518	7.20	ng	# 88
24) Nitrobenzene	6.82	77	14697	6.97	ng	# 85
25) Isophorone	7.26	82	27468	7.17	ng	99
26) 2-Nitrophenol	7.38	139	6252	6.22	ng	92
27) 2,4-Dimethylphenol	7.54	122	13154	7.04	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	17268	7.03	ng	99
29) 2,4-Dichlorophenol	7.84	162	11673	6.86	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	13517	6.93	ng	96
31) Naphthalene	8.06	128	46238	7.26	ng	99
33) 4-Chloroaniline	8.22	127	15121	5.72	ng	99
34) Hexachlorobutadiene	8.31	225	7402	6.91	ng	99
35) Caprolactam	8.81	113	2920	5.75	ng	90
36) 4-Chloro-3-methylphenol	9.18	107	13919	8.11	ng	91
37) 2-Methylnaphthalene	9.31	142	32337	7.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	14197	7.39	ng	99
40) Hexachlorocyclopentadiene	9.61	237	3424	10.60	ng	98
42) 2,4,6-Trichlorophenol	9.87	196	9204	7.59	ng	97
43) 2,4,5-Trichlorophenol	9.95	196	9519	7.52	ng	# 91

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.19	154	39497	7.78	nq	98
46) 2-Chloronaphthalene	10.19	162	30454	7.63	nq	99
47) 2-Nitroaniline	10.43	65	7609	7.70	nq	99
48) Acenaphthylene	10.94	152	51273	7.95	nq	99
49) Dimethylphthalate	10.83	163	56024	12.02	nq	97
50) 2,6-Dinitrotoluene	10.93	165	6644	6.93	nq	# 45
51) Acenaphthene	11.26	154	30672	8.45	nq	98
52) 3-Nitroaniline	11.21	138	7495	6.87	nq	# 96
54) Dibenzofuran	11.59	168	48006	8.66	nq	98
55) 4-Nitrophenol	11.66	139	7226	11.45	nq	# 74
56) 2,4-Dinitrotoluene	11.67	165	8908	7.17	nq	# 81
57) Fluorene	12.22	166	41016	9.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.86	232	6562	6.99	nq	# 99
59) Diethylphthalate	12.16	149	36634	8.15	nq	98
60) 4-Chlorophenyl-phenylether	12.29	204	16493	7.98	nq	# 85
61) 4-Nitroaniline	12.33	138	6886	6.25	nq	98
62) Azobenzene	12.57	77	35005	8.53	nq	90
64) 4,6-Dinitro-2-methylphenol	12.41	198	815	9.71	nq	80
65) n-Nitrosodiphenylamine	12.51	169	31053	7.60	nq	97
66) 4-Bromophenyl-phenylether	13.18	248	9837	7.87	nq	91
67) Hexachlorobenzene	13.22	284	10748	7.84	nq	99
68) Atrazine	13.59	200	10079	8.52	nq	97
69) Pentachlorophenol	13.63	266	3100	12.37	nq	95
70) Phenanthrene	13.98	178	169735	24.85	nq	99
71) Anthracene	14.07	178	82029	12.19	nq	99
72) Carbazole	14.40	167	56640	8.98	nq	97
73) Di-n-butylphthalate	15.09	149	60684	8.49	nq	100
74) Fluoranthene	15.86	202	301832	41.91	nq	94
76) Benzidine	16.13	184	19515	4.05	nq	98
77) Pyrene	16.17	202	272113	34.63	nq	96
79) Butylbenzylphthalate	17.15	149	26024	8.69	nq	95
80) Benzo(a)anthracene	17.78	228	160207	21.51	nq	99
81) 3,3'-Dichlorobenzidine	17.79	252	19142	7.67	nq	# 98
82) Chrysene	17.83	228	140988	20.15	nq	98
83) Bis(2-ethylhexyl)phthalate	17.92	149	40252	8.57	nq	# 97
84) Di-n-octyl phthalate	18.70	149	71020	9.21	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.63	276	113356	14.27	nq	# 85
87) Benzo(b)fluoranthene	19.06	252	189322m	25.08	nq	
88) Benzo(k)fluoranthene	19.10	252	74375m	11.08	nq	
89) Benzo(a)pyrene	19.42	252	129038	19.58	nq	# 92
90) Dibenzo(a,h)anthracene	20.65	278	60326	9.14	nq	# 93
91) Benzo(g,h,i)perylene	20.95	276	96588	14.60	nq	100

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

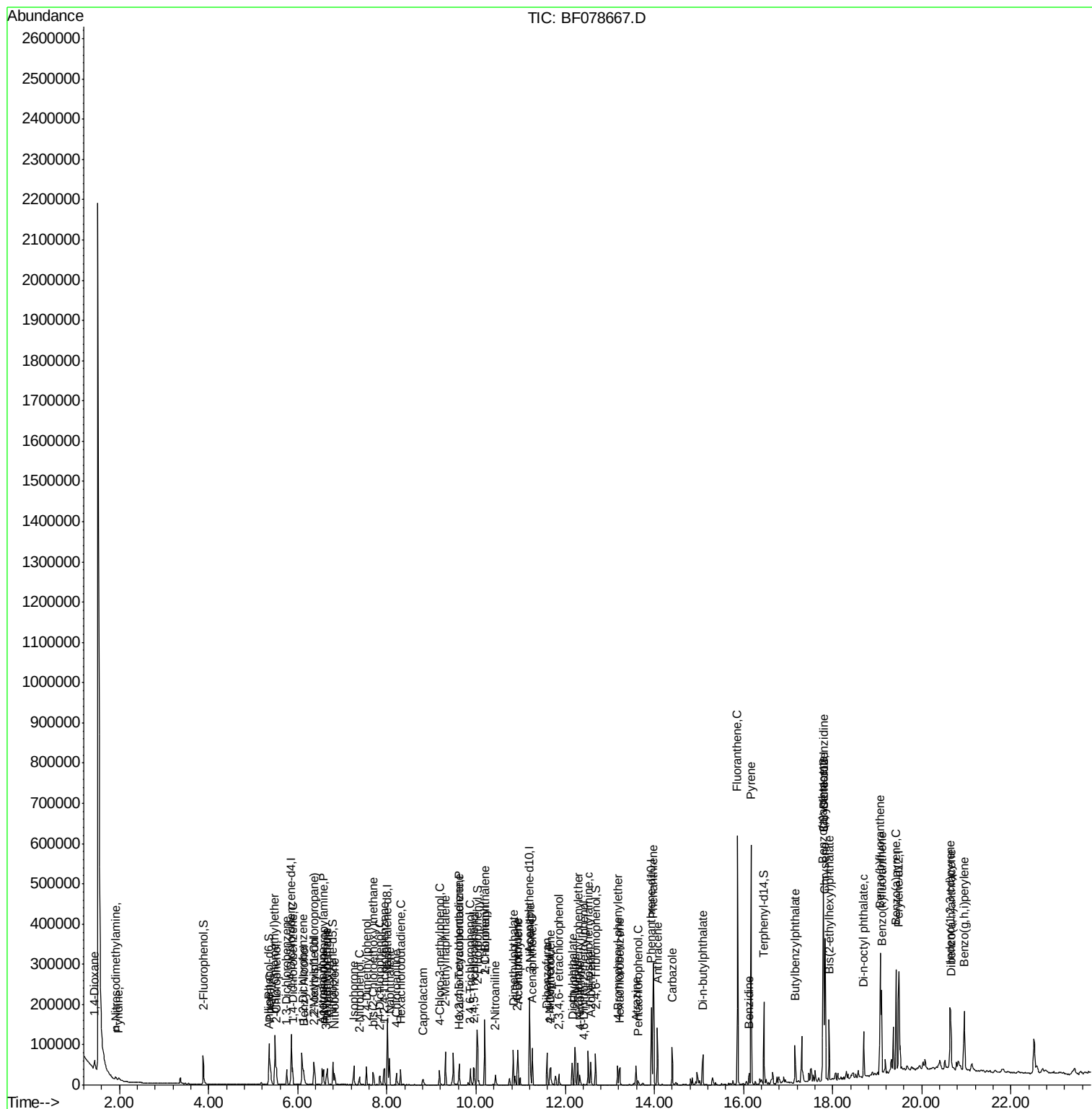
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\  
Data File : BF078667.D  
Acq On    : 21 Apr 2015    4:52  
Operator  : TP/IZ  
Sample    : G1943-01MSD 5X  
Misc      :  
ALS Vial  : 20    Sample Multiplier: 1
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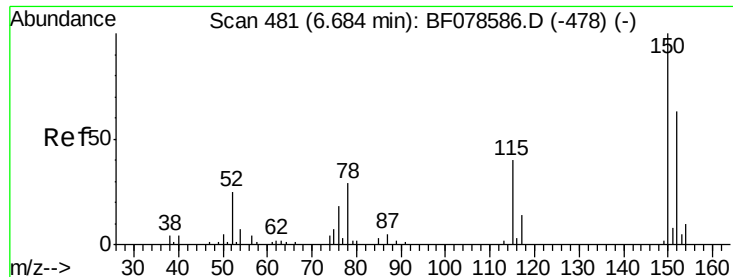
Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

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#1

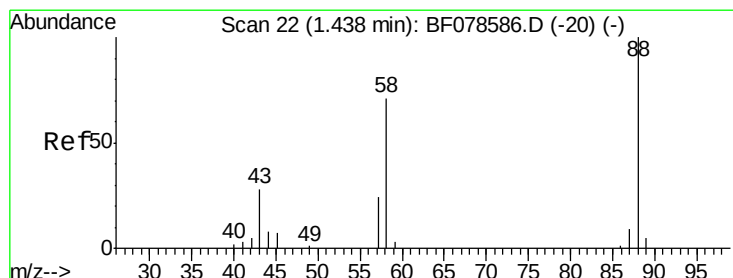
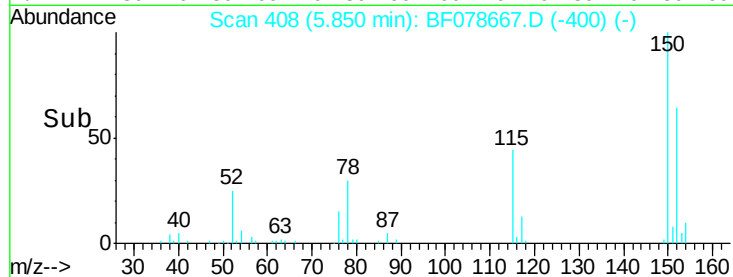
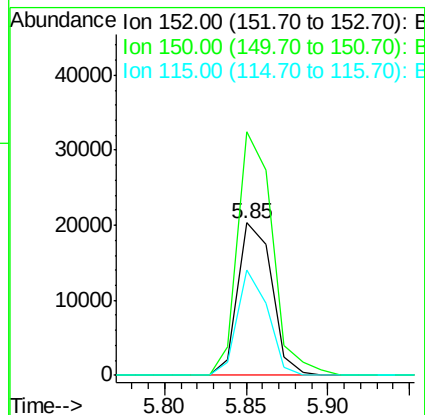
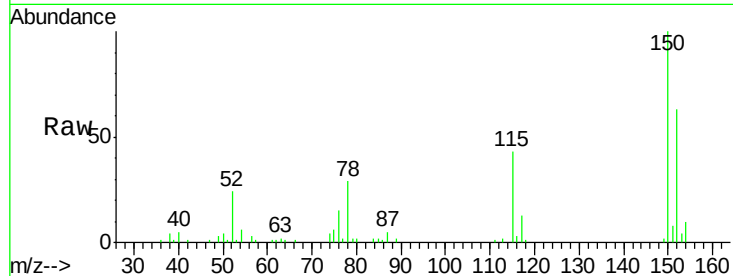
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.9	188.9
115	69.0	52.7	79.1

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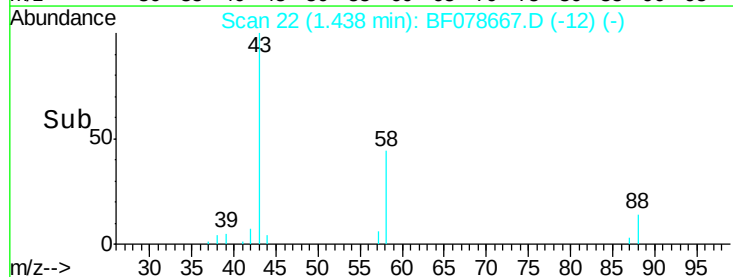
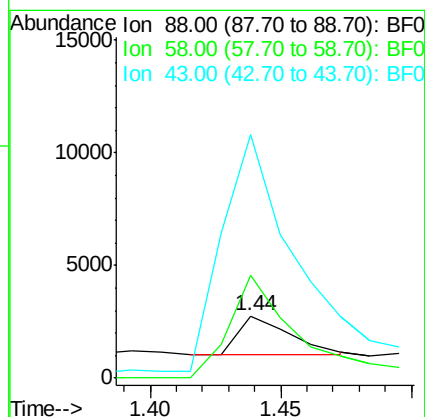
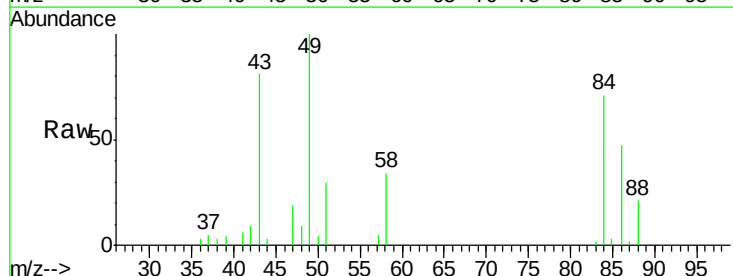
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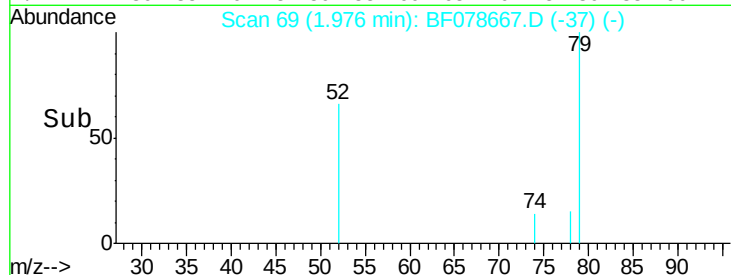
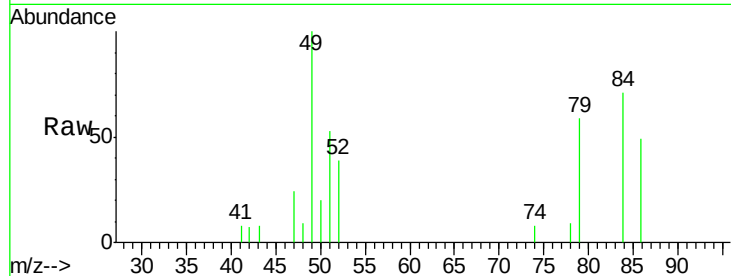
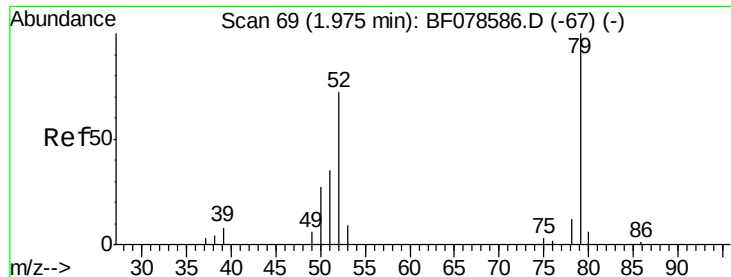


#2

1,4-Dioxane
Concen: 3.02 ng
RT: 1.44 min Scan# 22
Delta R.T. 0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	317.4	56.9	85.3#
43	822.5	21.4	32.2#





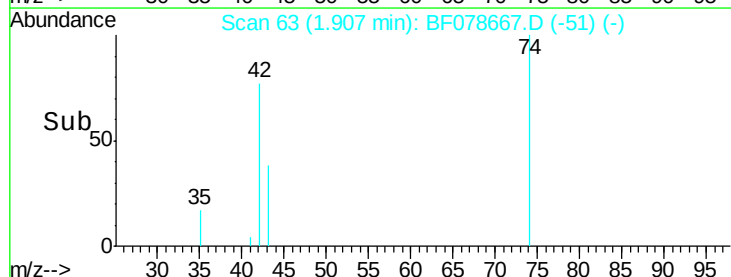
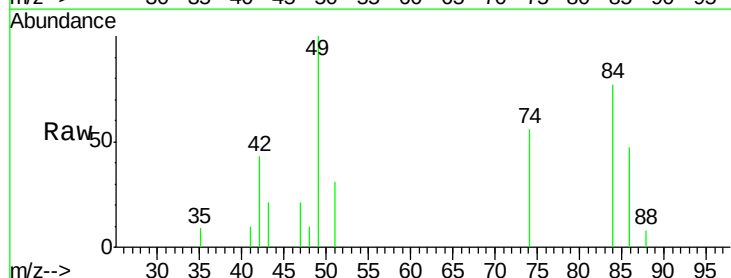
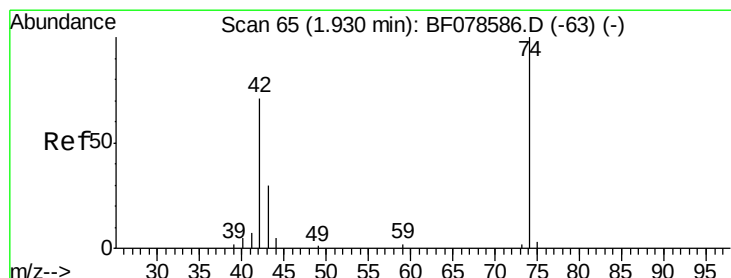
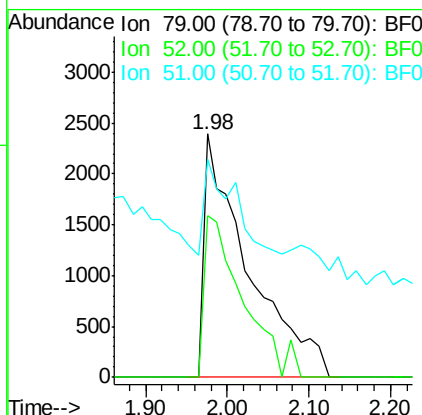
#3
 Pvridine
 Concen: 4.30 ng
 RT: 1.98 min Scan# 69
 Delta R.T. 0.07 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tot Ion: 79 Resp: 9026
 Ion Ratio Lower Upper
 79 100
 52 66.3 52.4 78.6
 51 89.4 24.9 37.3#

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

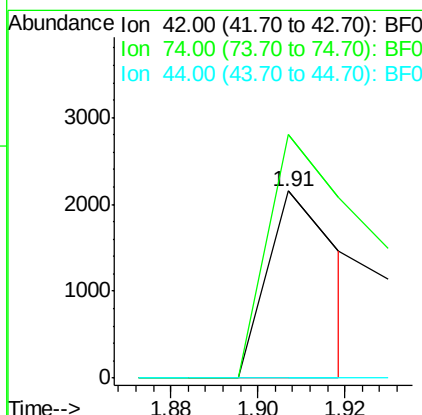
Manual Integrations
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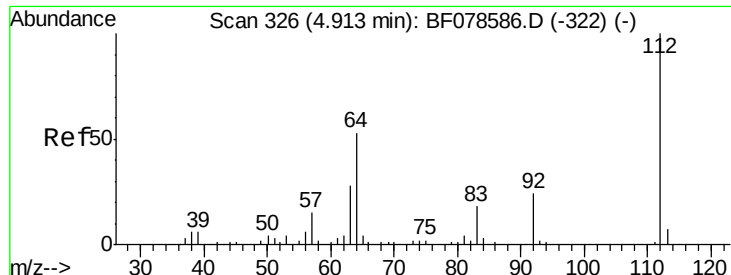
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#4
 n-Nitrosodimethylamine
 Concen: 3.07 ng
 RT: 1.91 min Scan# 63
 Delta R.T. 0.03 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion: 42 Resp: 2483
 Ion Ratio Lower Upper
 42 100
 74 130.2 118.7 178.1
 44 0.0 5.9 8.9#





#5

2-Fluorophenol

Concen: 18.26 ng

RT: 3.87 min Scan# 235

Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

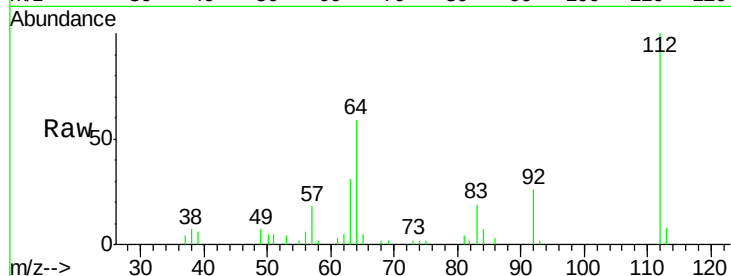
ClientSampleId :

SP-A-1MSD

Tot Ion:	112	Resp:	32365
Ion Ratio	Lower	Upper	
112	100		
64	58.8	39.9	59.9
63	30.7	20.2	30.4

Manual Integrations
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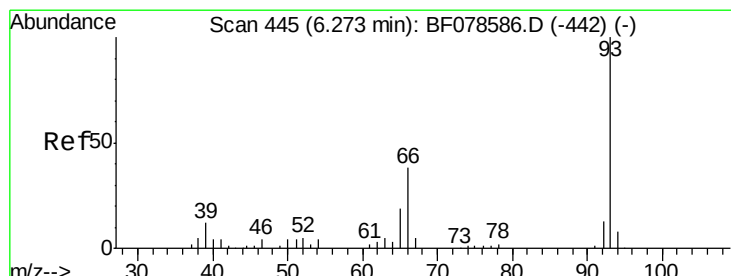
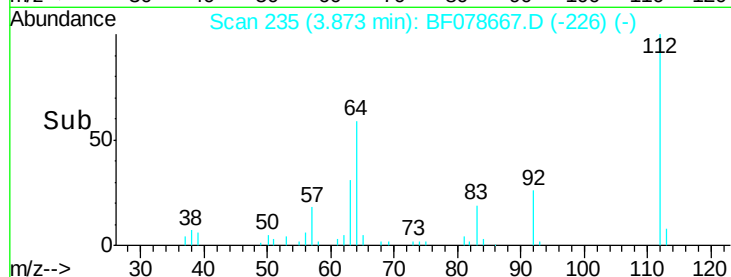
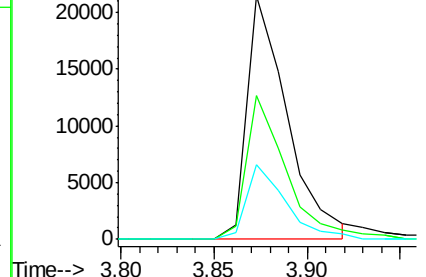
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.56 ng

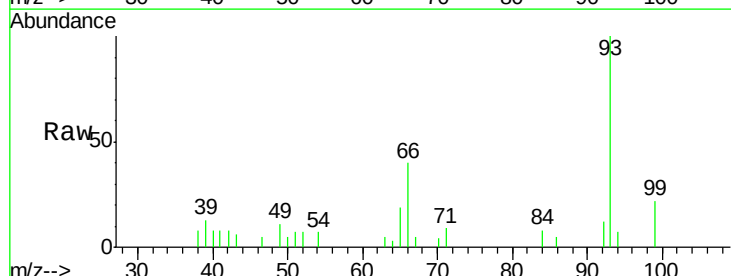
RT: 5.35 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

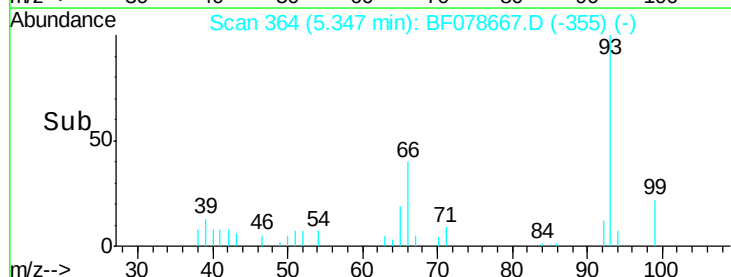
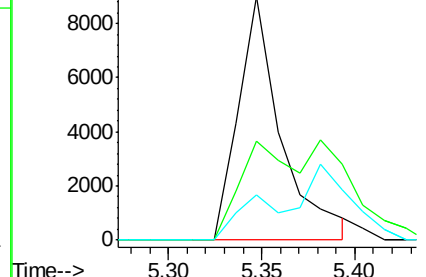
Tgt Ion:	93	Resp:	14357
Ion Ratio	Lower	Upper	
93	100		
66	40.4	38.0	57.0
65	18.8	16.3	24.5

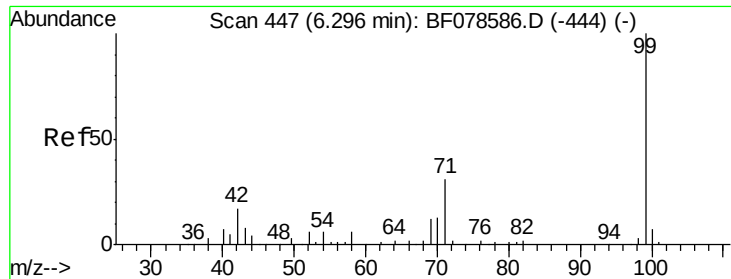


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 21.75 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

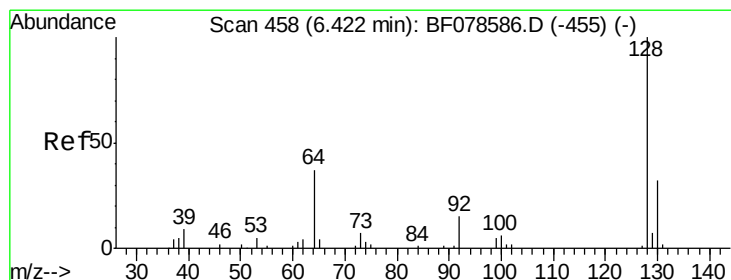
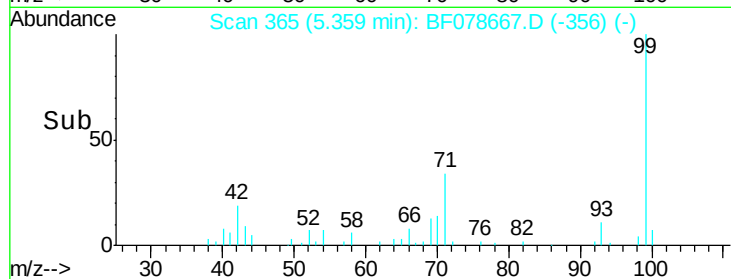
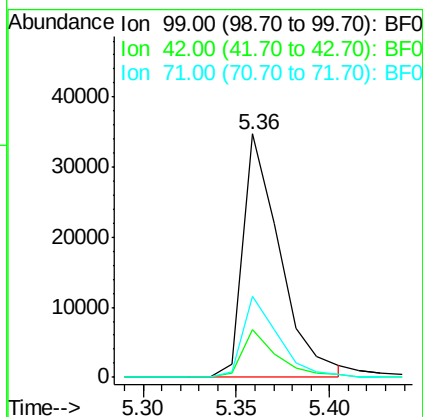
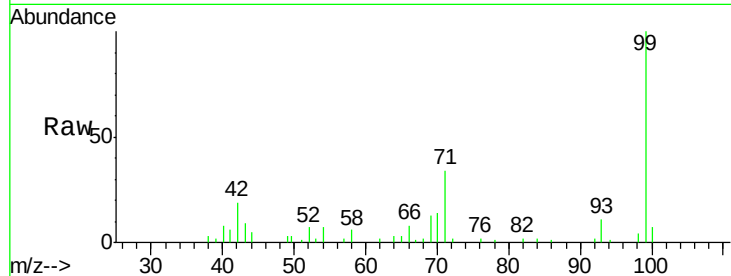
ClientSampleId :

SP-A-1MSD

Tot Ion:	99	Resp:	48316
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.8	22.2
71	33.5	26.6	39.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 7.07 ng

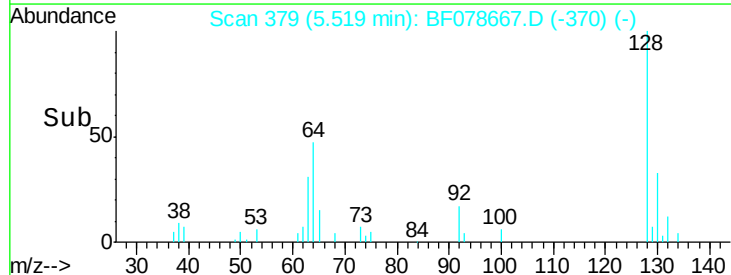
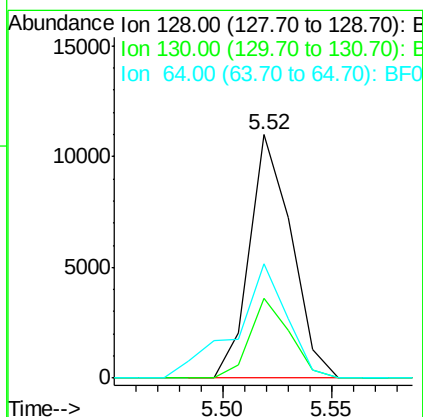
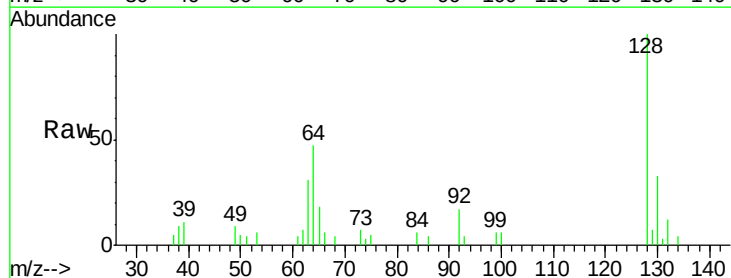
RT: 5.52 min Scan# 379

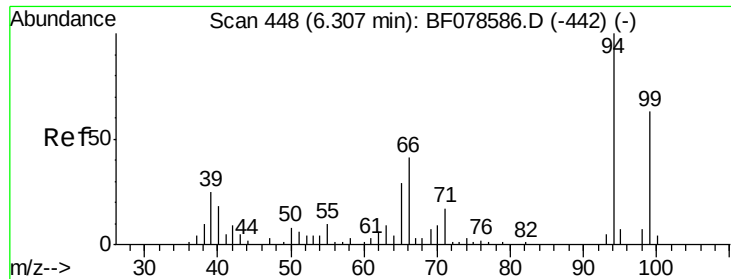
Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Tgt Ion:	128	Resp:	14825
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.3	52.3
64	47.2	23.8	63.8





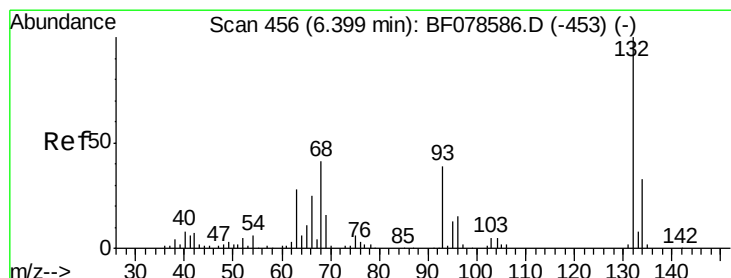
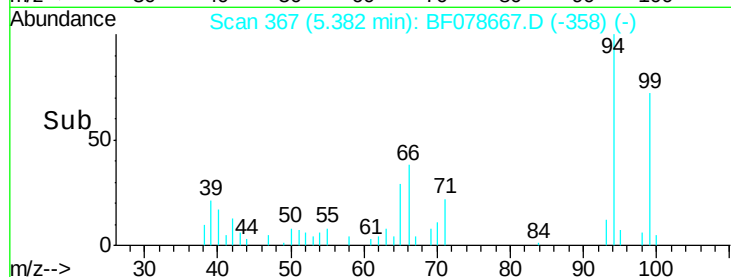
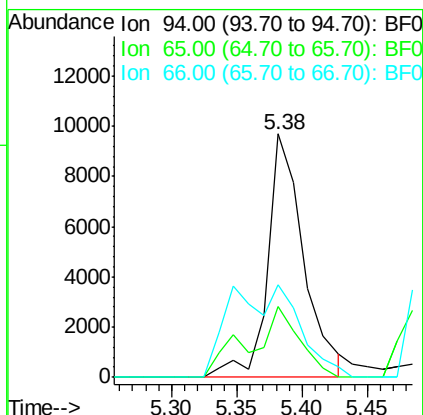
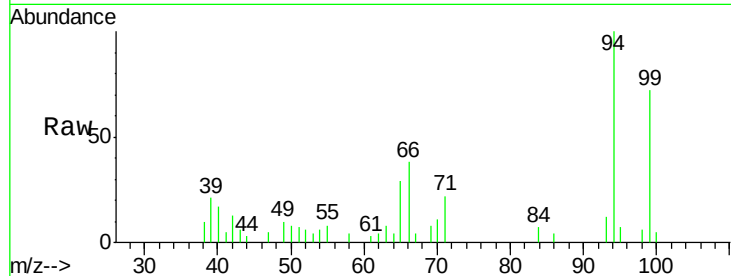
#10
Phenol
 Concen: 7.05 ng
 RT: 5.38 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampled :
 SP-A-1MSD

Tot Ion:	94	Resp:	18765
Ion Ratio	Lower	Upper	
94	100		
65	29.0	4.9	44.9
66	38.1	13.8	53.8

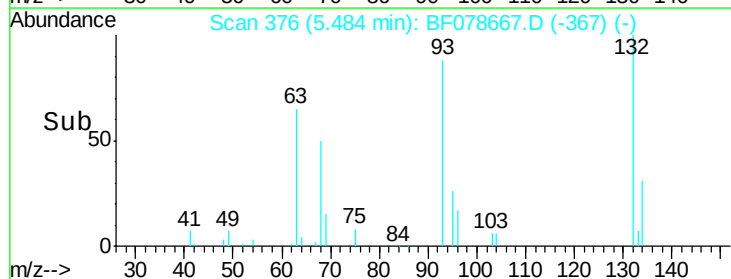
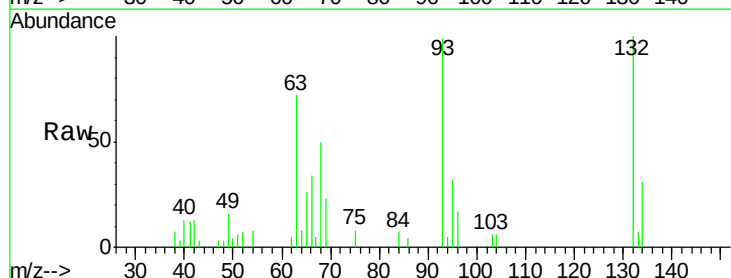
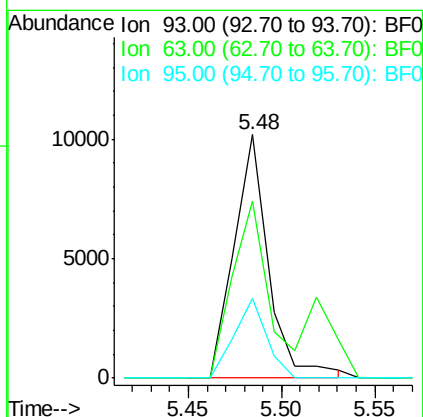
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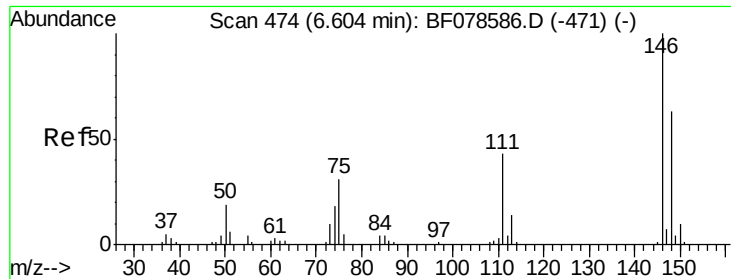
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#11
bis(2-Chloroethyl)ether
 Concen: 6.91 ng
 RT: 5.48 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion:	93	Resp:	13226
Ion Ratio	Lower	Upper	
93	100		
63	72.6	54.6	94.6
95	32.7	13.6	53.6





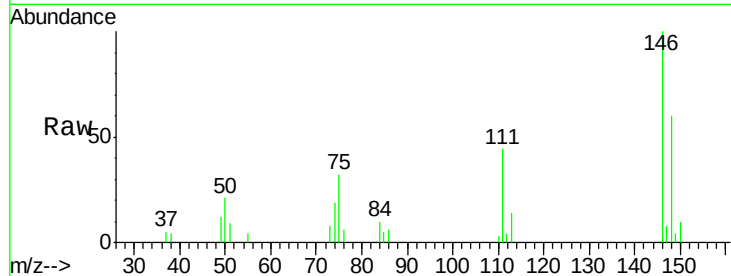
#12
 1,3-Dichlorobenzene
 Concen: 6.01 ng
 RT: 5.75 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampled :
 SP-A-1MSD

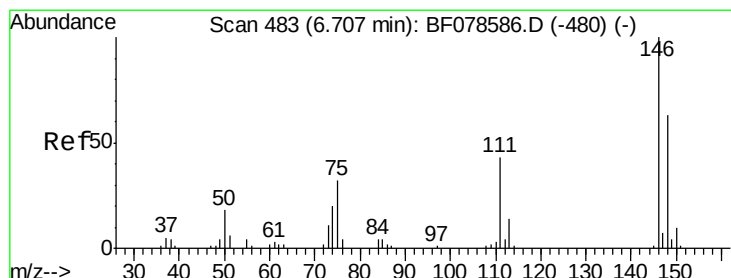
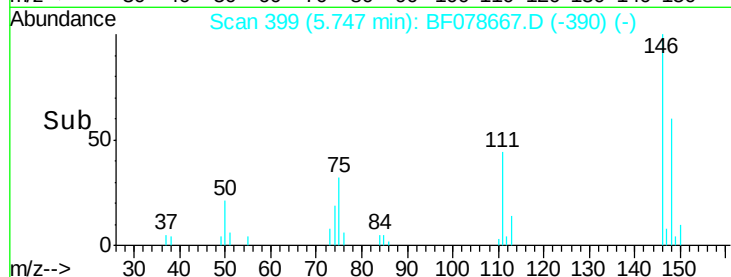
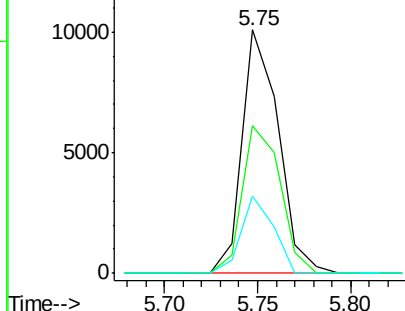
Tot Ion	Ratio	Lower	Upper
146	100		
148	60.4	49.1	73.7
75	31.6	26.6	40.0

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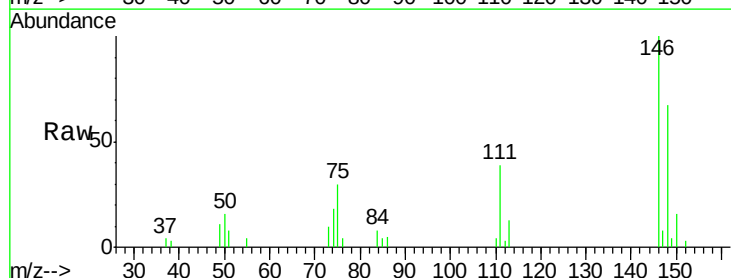


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

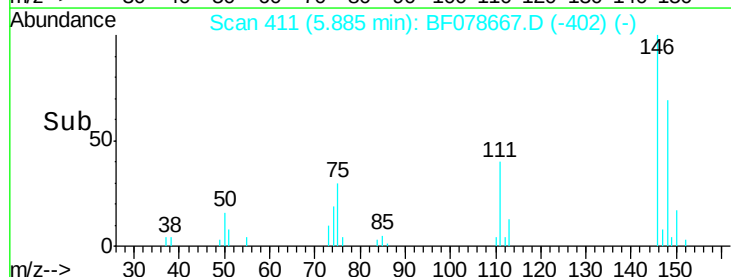
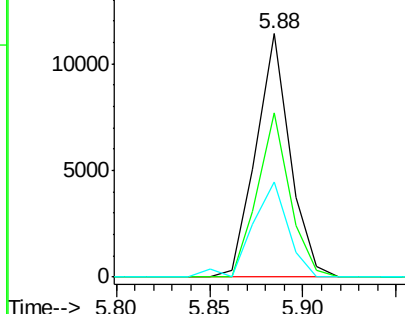


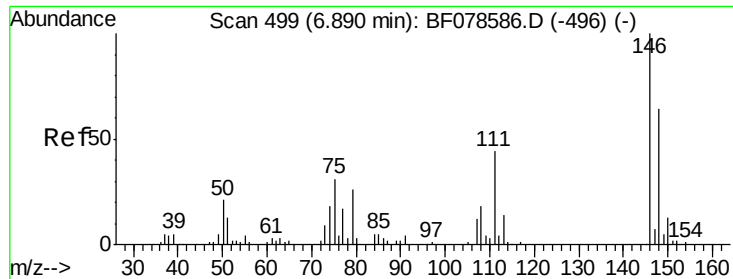
#13
 1,4-Dichlorobenzene
 Concen: 6.24 ng
 RT: 5.88 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.4	77.0
111	39.3	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





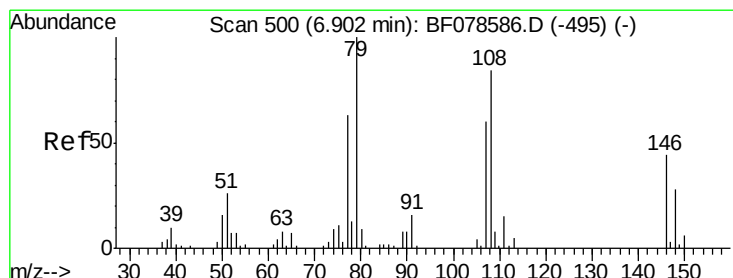
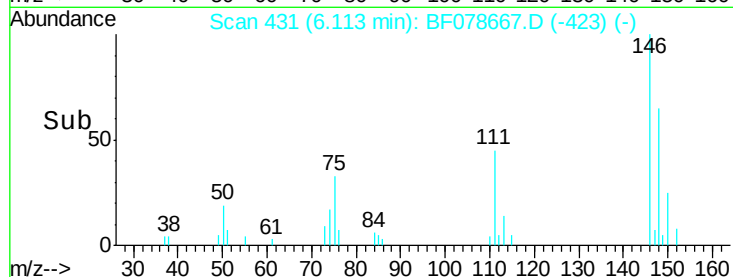
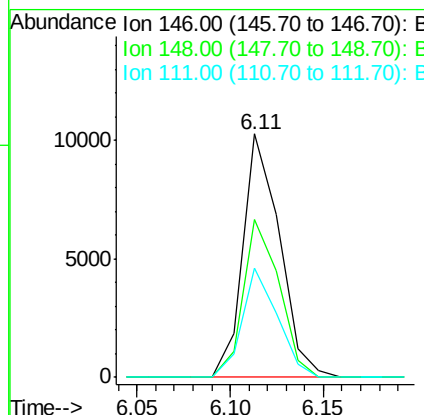
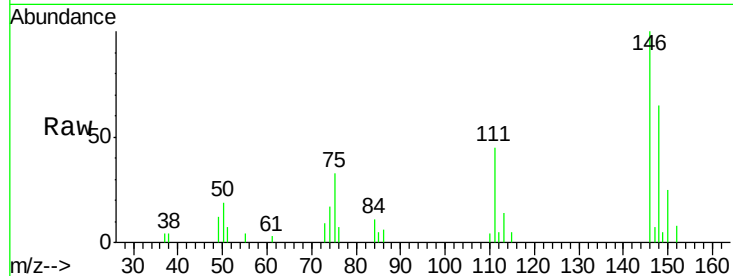
#14
1,2-Dichlorobenzene
Concen: 6.48 ng
RT: 6.11 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.4
111	45.0	36.1	54.1

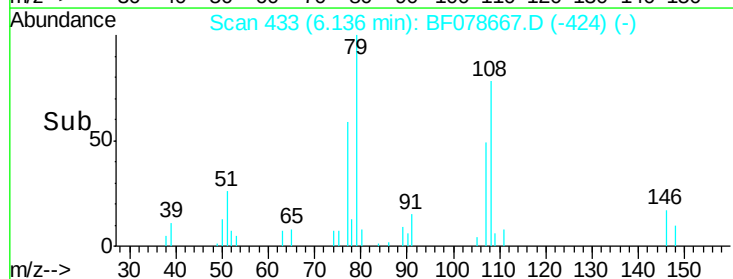
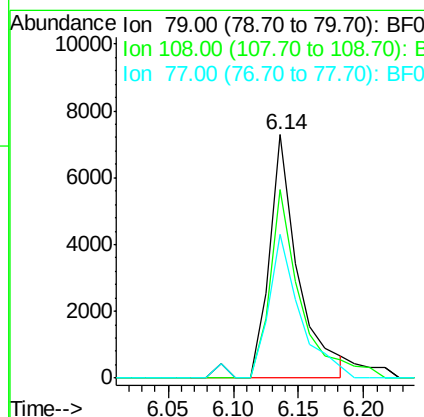
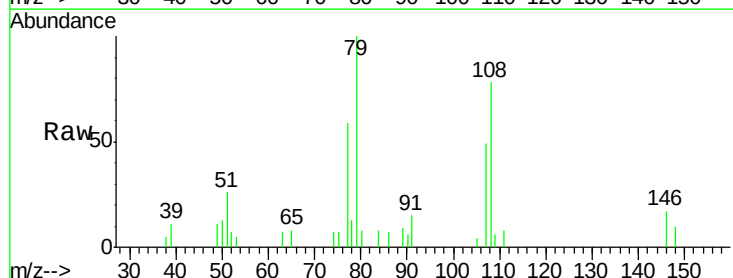
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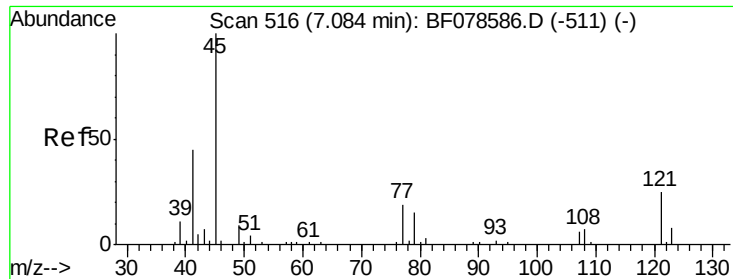
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#15
Benzyl Alcohol
Concen: 7.37 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.6	57.6	86.4
77	59.1	53.5	80.3





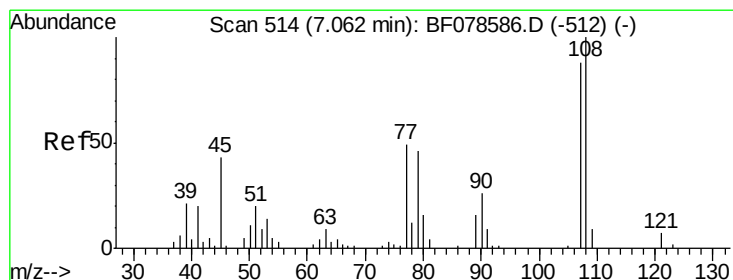
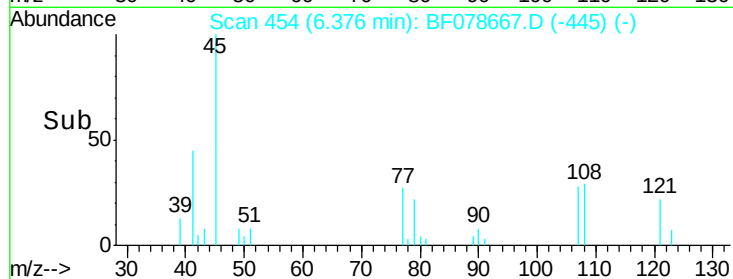
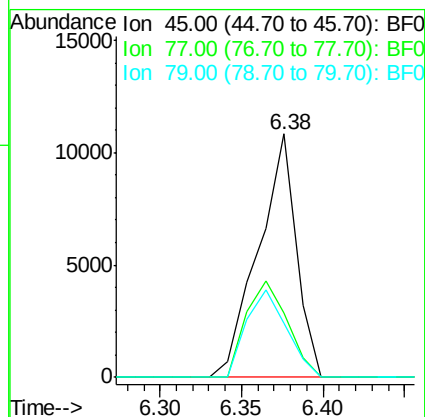
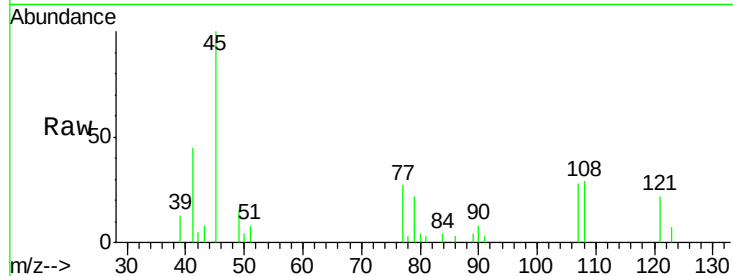
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 6.89 ng
RT: 6.38 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	26.6	0.0	34.5
79	22.1	0.0	31.9

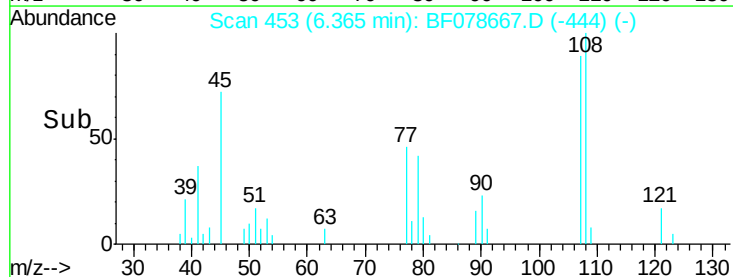
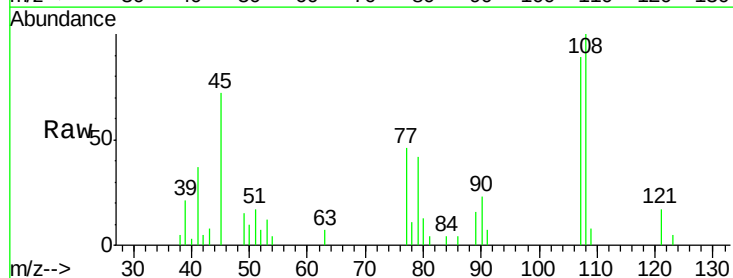
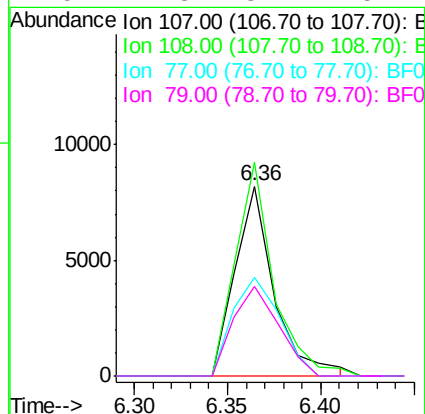
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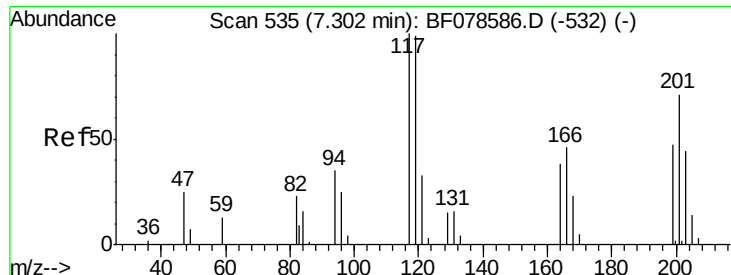
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#17
2-Methylphenol
Concen: 7.36 ng
RT: 6.36 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.5	90.3	135.5
77	52.0	35.5	53.3
79	47.3	34.2	51.4





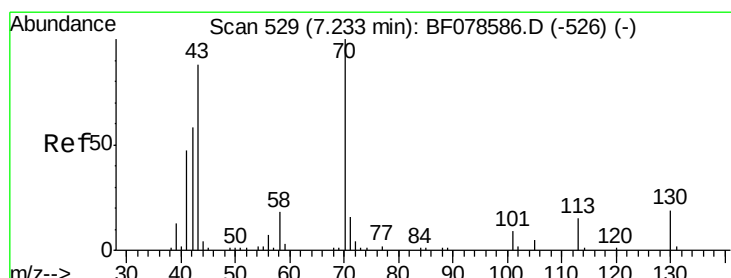
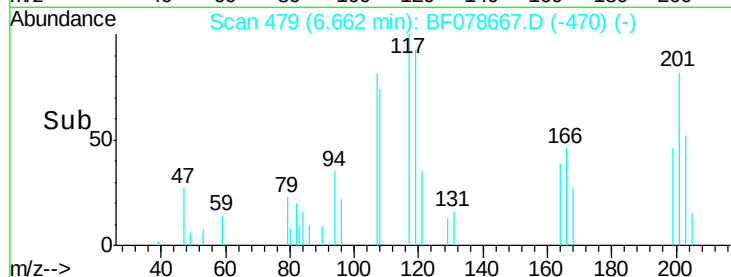
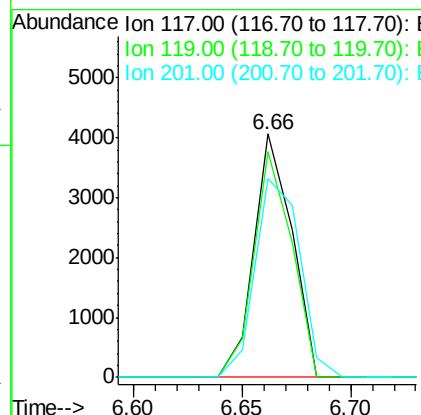
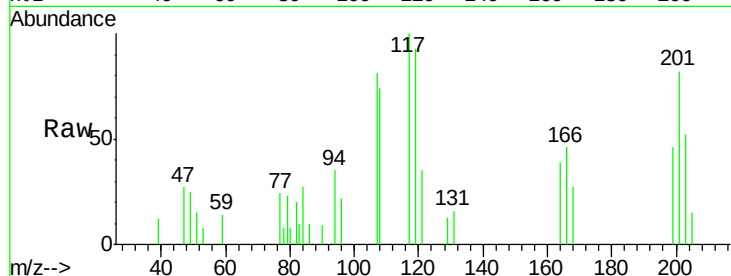
#18
Hexachloroethane
Concen: 6.31 ng
RT: 6.66 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampled :
SP-A-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	4930		
119	92.5	77.0	115.6	
201	81.7	98.1	147.1#	

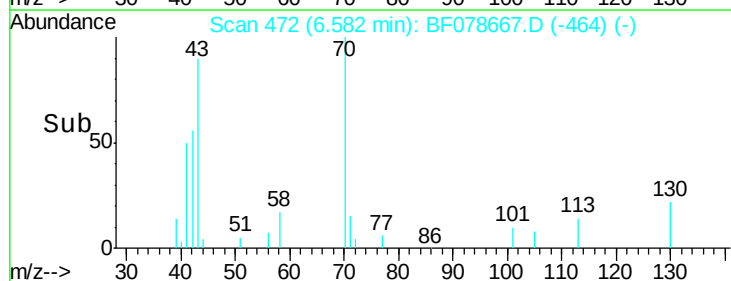
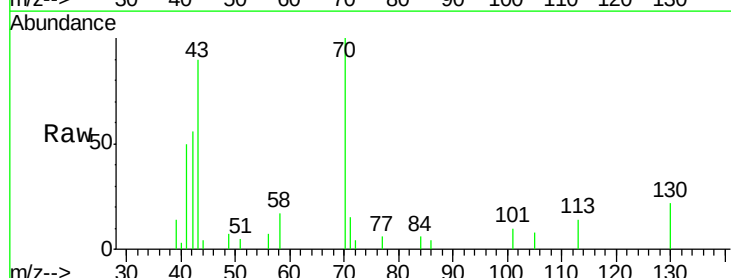
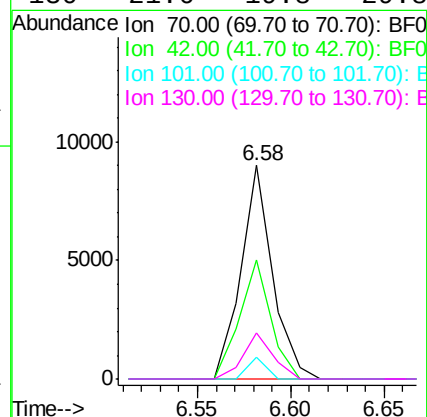
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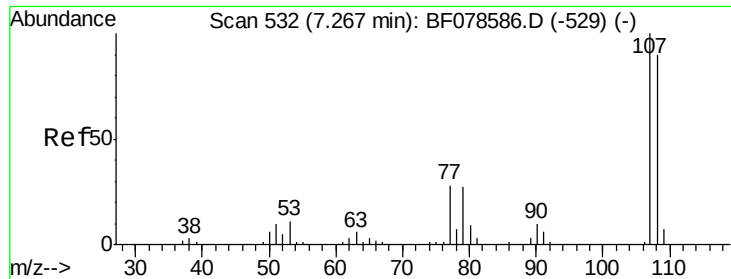
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#19
n-Nitroso-di-n-propylamine
Concen: 7.24 ng
RT: 6.58 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	10617		
42	55.9	38.9	58.3	
101	10.2	8.3	12.5	
130	21.6	19.8	29.8	





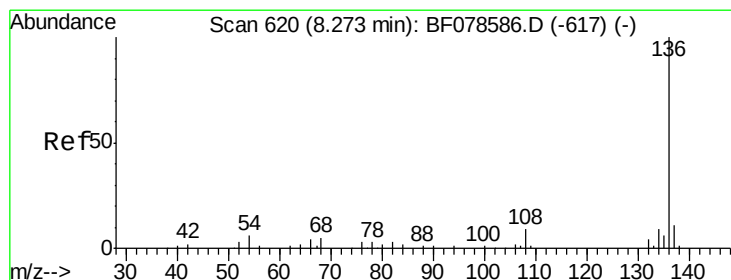
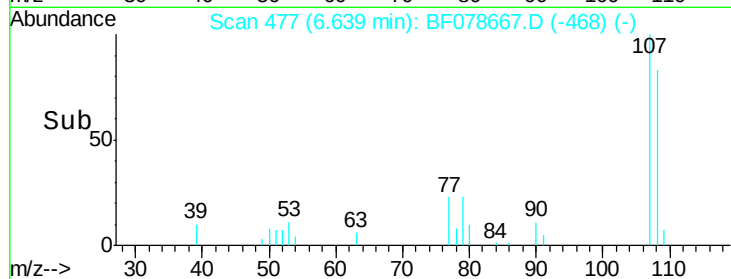
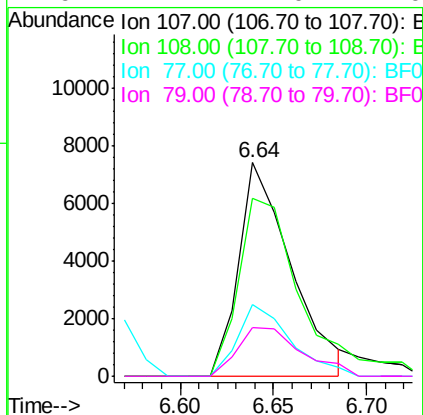
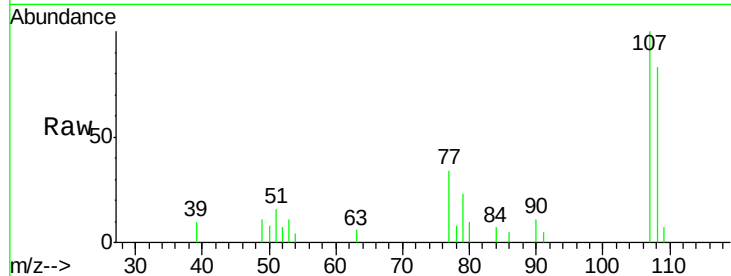
#20
3+4-Methylphenols
Concen: 6.71 ng
RT: 6.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion:	107	Resp:	14563
Ion Ratio	Lower	Upper	
107	100		
108	83.3	64.4	104.4
77	33.6	9.7	49.7
79	22.7	4.0	44.0

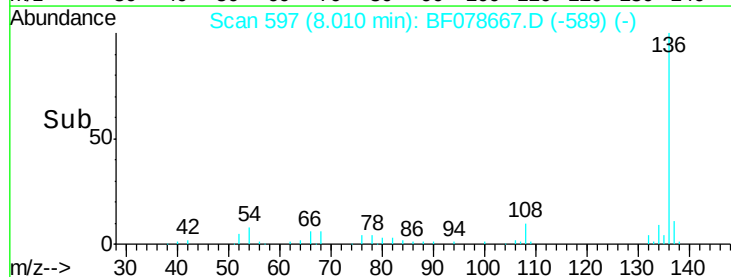
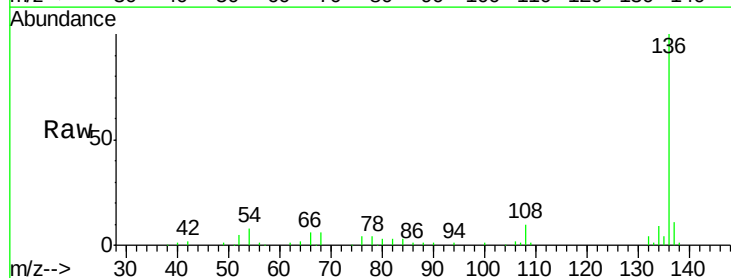
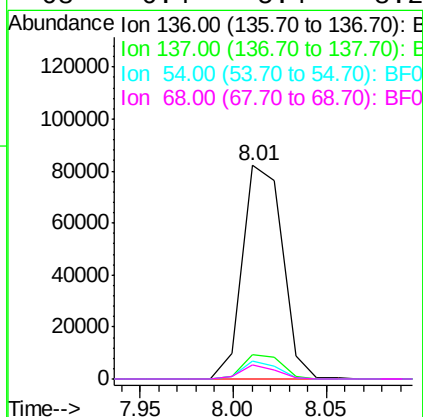
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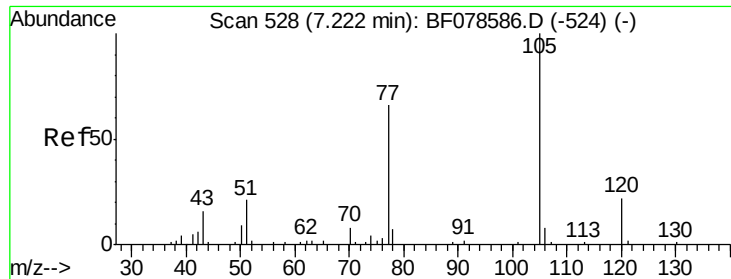
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:	136	Resp:	122314
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	8.4	7.0	10.6
68	6.4	5.4	8.2





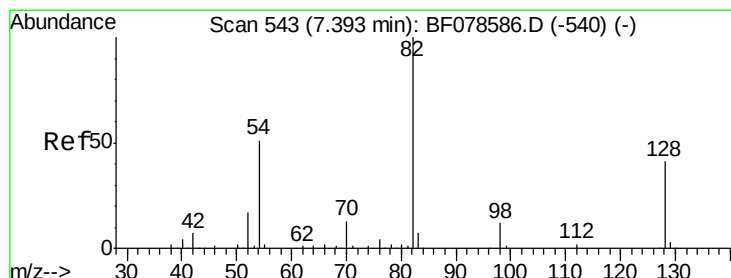
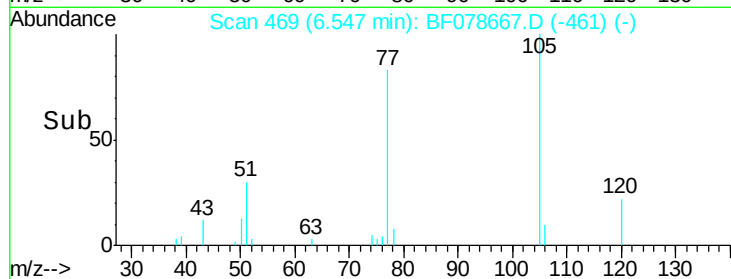
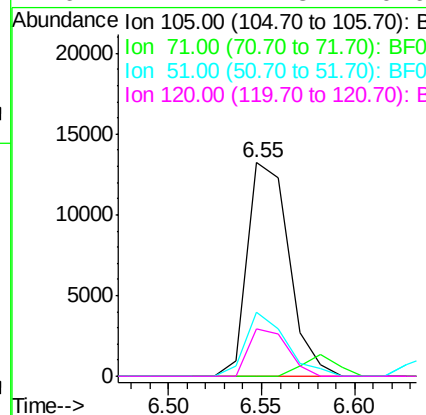
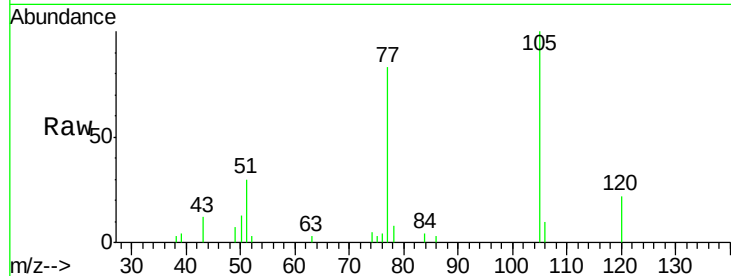
#22
Acetophenone
Concen: 7.20 ng
RT: 6.55 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	30.2	16.0	24.0#
120	22.1	17.8	26.6

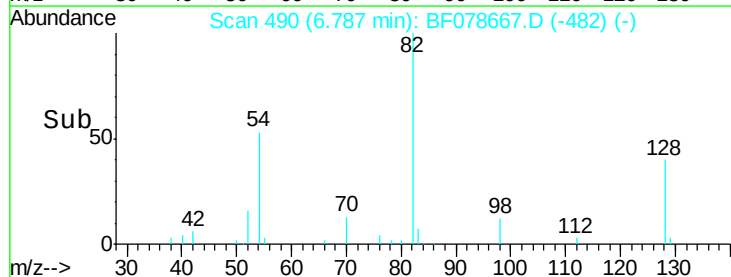
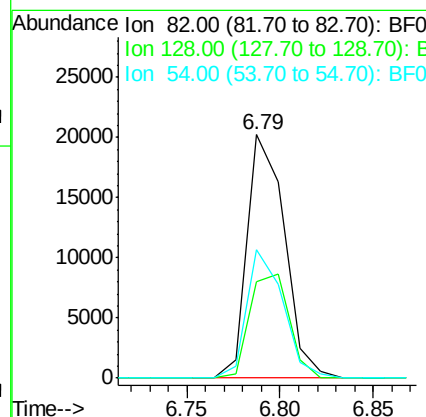
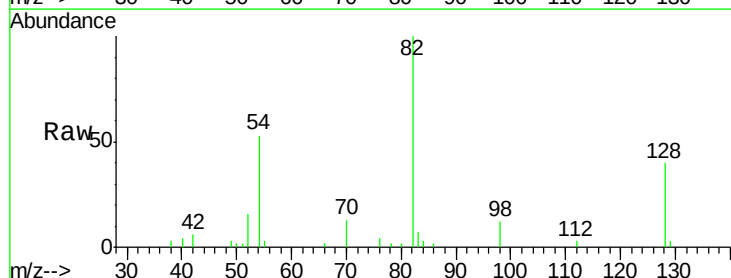
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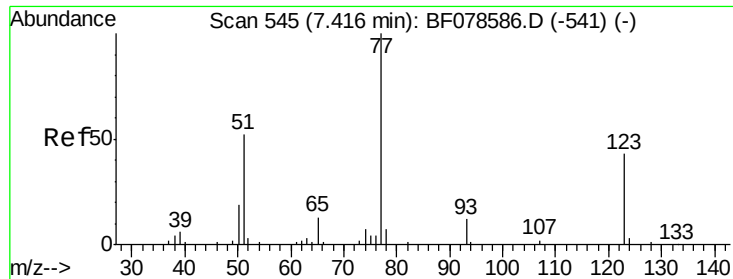
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#23
Nitrobenzene-d5
Concen: 13.95 ng
RT: 6.79 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.6	31.8	47.8
54	52.8	41.5	62.3





#24

Nitrobenzene

Concen: 6.97 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

ClientSampleId :

SP-A-1MSD

Tot Ion: 77 Resp: 14697

Ion Ratio Lower Upper

77 100

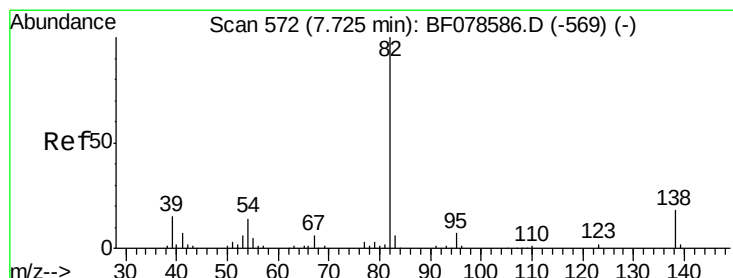
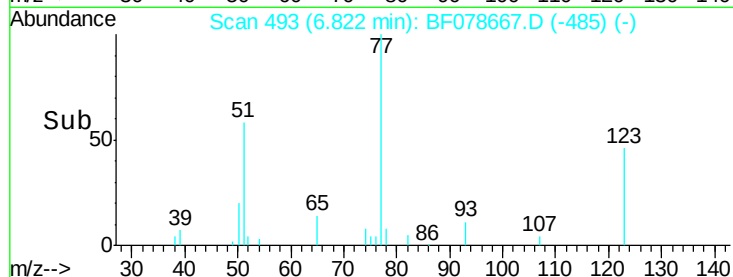
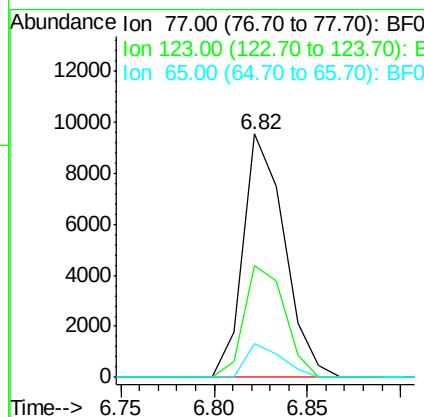
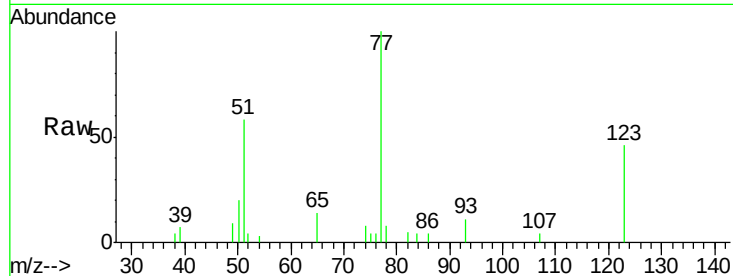
123 45.7 46.9 70.3#

65 14.1 9.5 14.3

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#25

Isophorone

Concen: 7.17 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

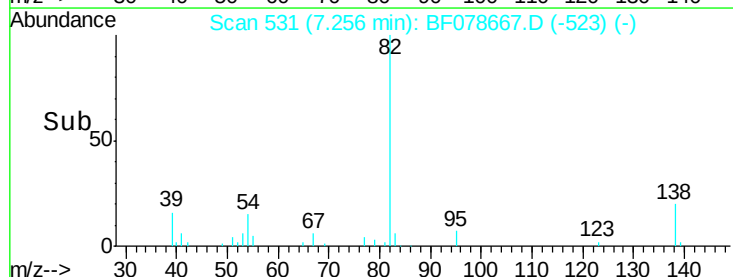
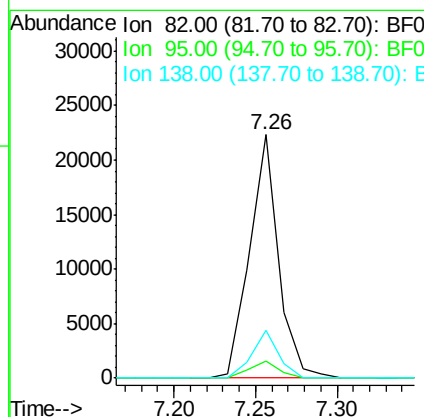
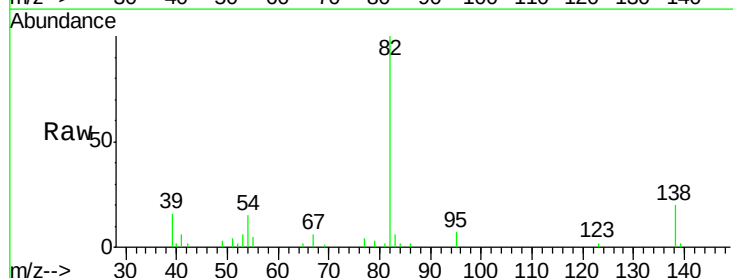
Tgt Ion: 82 Resp: 27468

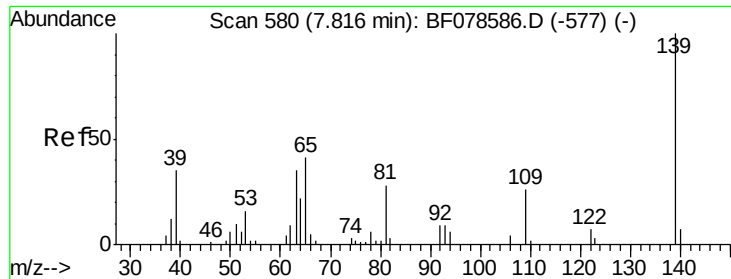
Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 19.6 15.8 23.8





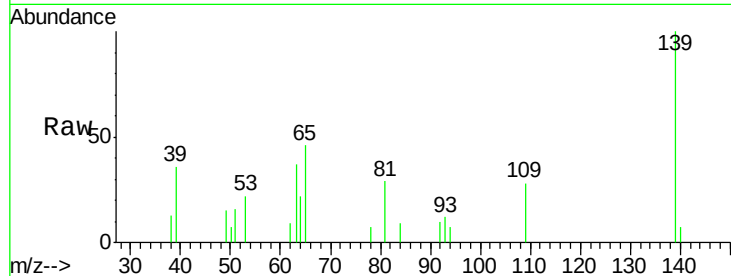
#26
2-Nitrophenol
Concen: 6.22 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

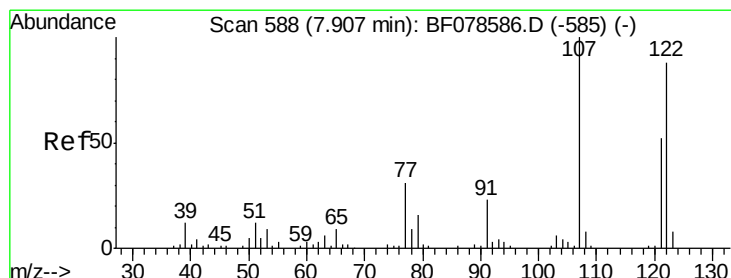
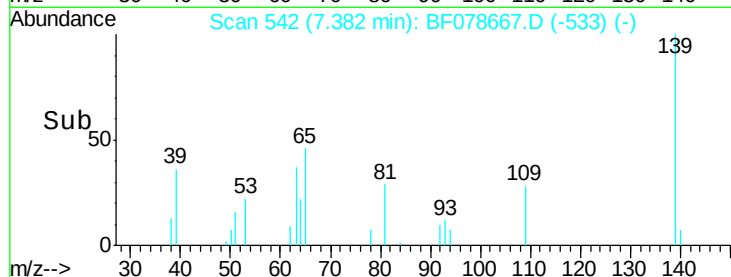
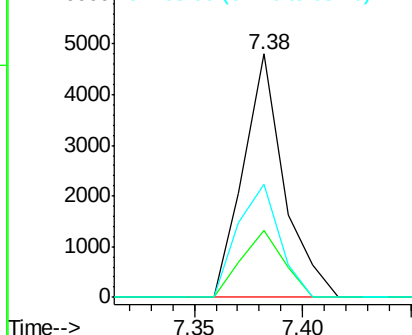
Tot Ion	Ratio	Resp	Lower	Upper
139	100	6252		
109	27.8	19.8	29.8	
65	46.5	32.7	49.1	

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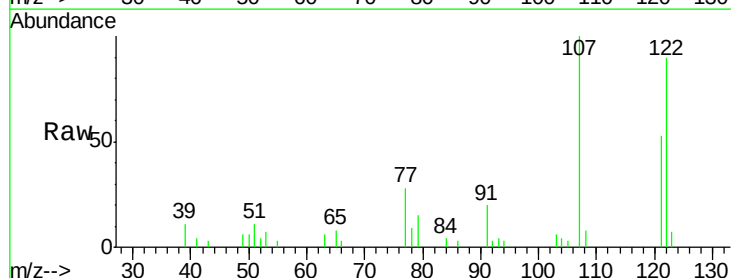


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

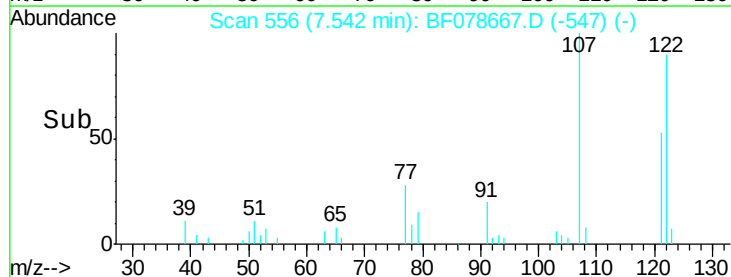
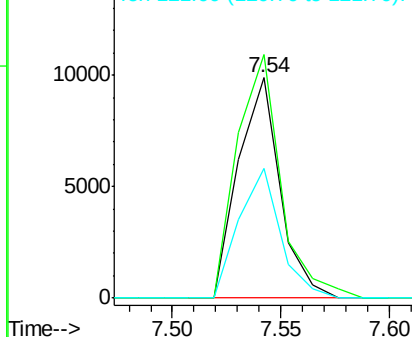


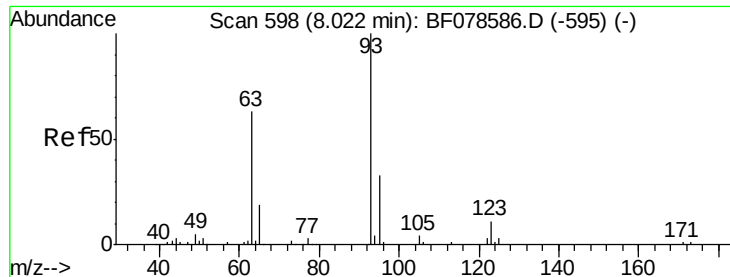
#27
2,4-Dimethylphenol
Concen: 7.04 ng
RT: 7.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13154		
107	110.7	84.6	127.0	
121	59.2	46.0	69.0	



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





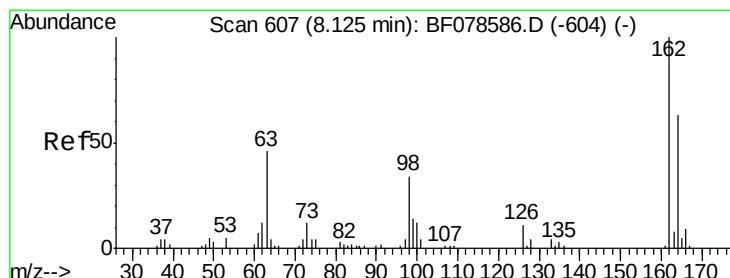
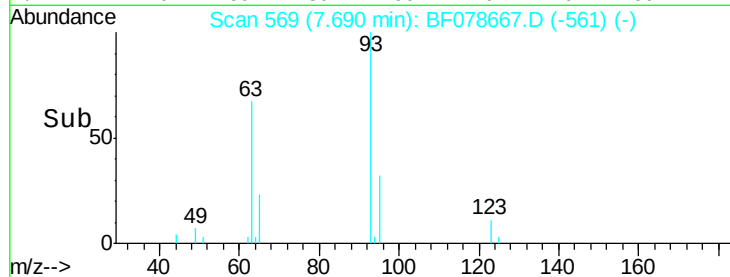
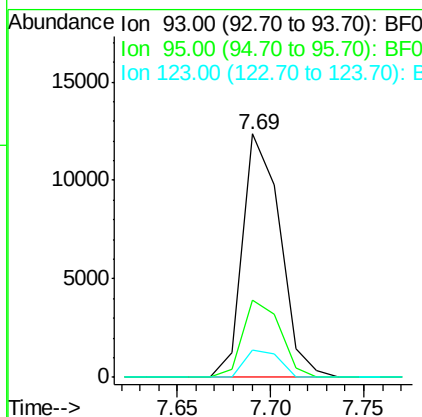
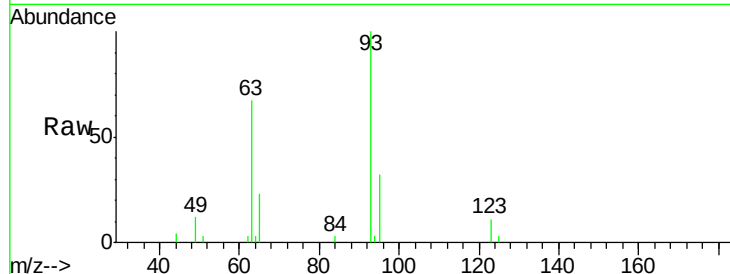
#28
 bis(2-Chloroethoxy)methane
 Concen: 7.03 ng
 RT: 7.69 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	11.5	9.1	13.7

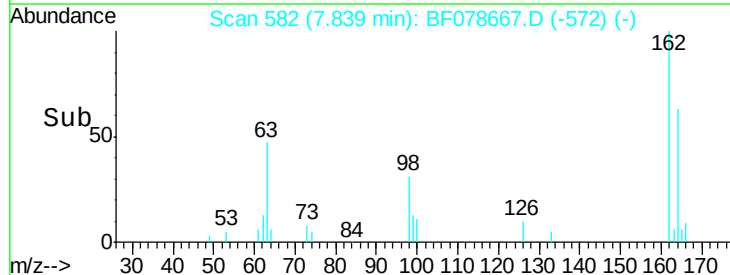
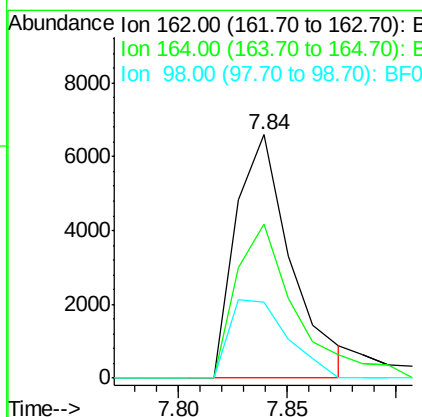
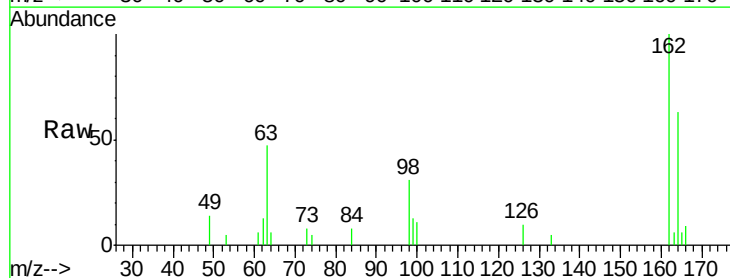
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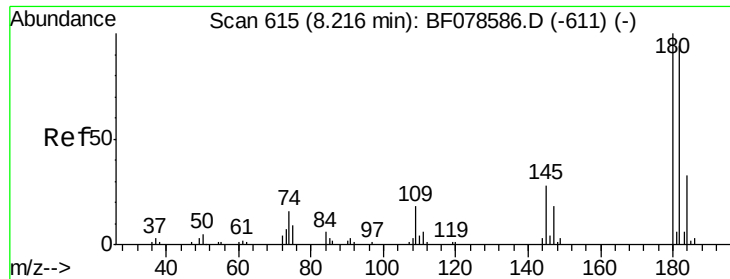
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#29
 2,4-Dichlorophenol
 Concen: 6.86 ng
 RT: 7.84 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	47.0	87.0
98	31.0	9.2	49.2





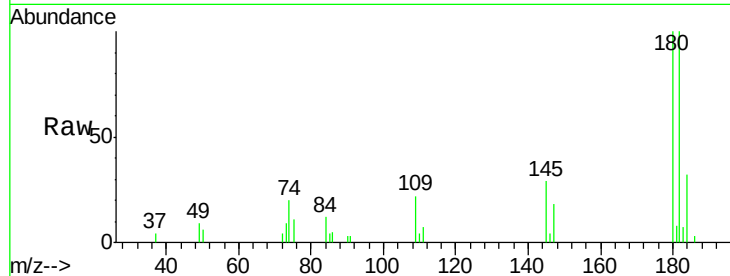
#30
1,2,4-Trichlorobenzene
Concen: 6.93 ng
RT: 7.94 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

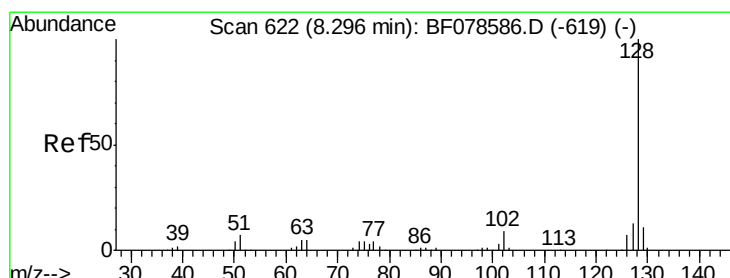
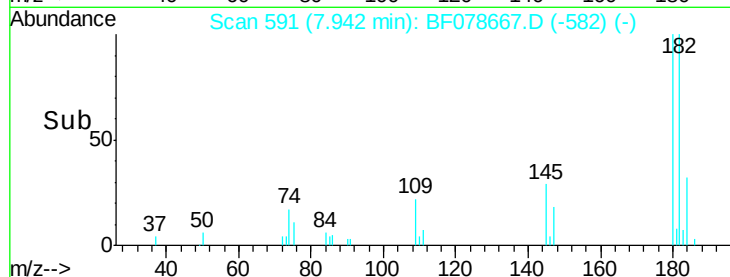
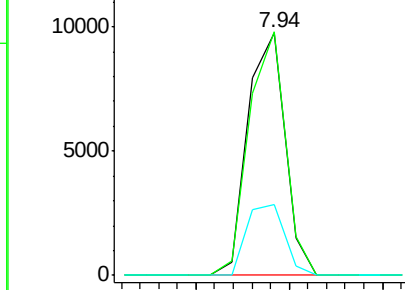
Tot Ion	Ratio	Resp	Lower	Upper
180	100	13517		
182	100.4	76.9	115.3	
145	29.1	22.5	33.7	

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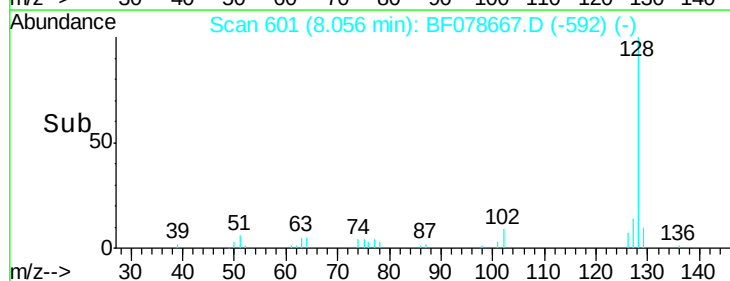
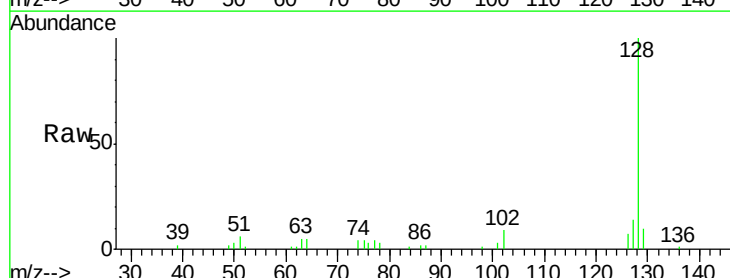
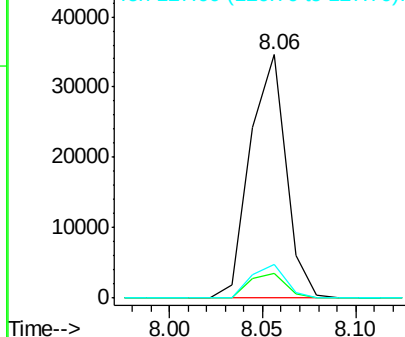
Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

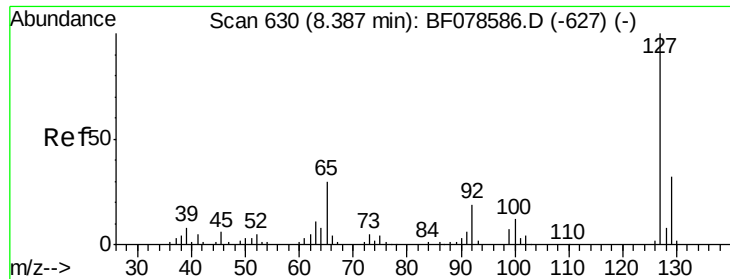


#31
Naphthalene
Concen: 7.26 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	46238		
129	10.4	8.6	12.8	
127	13.6	10.7	16.1	

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





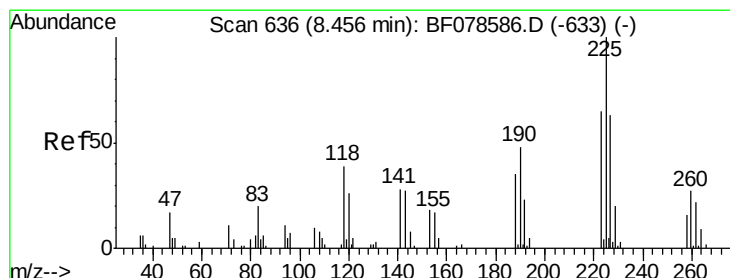
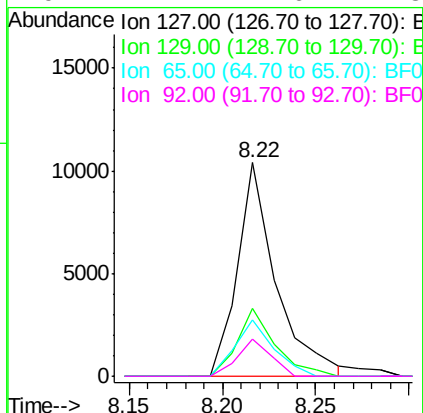
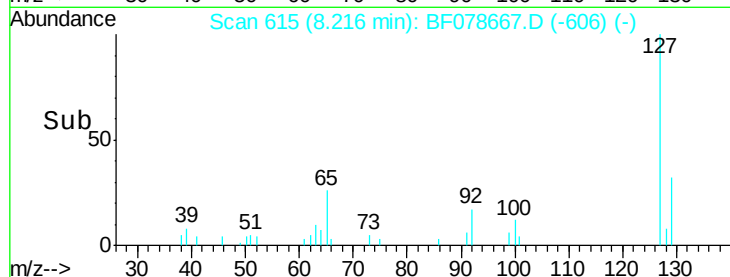
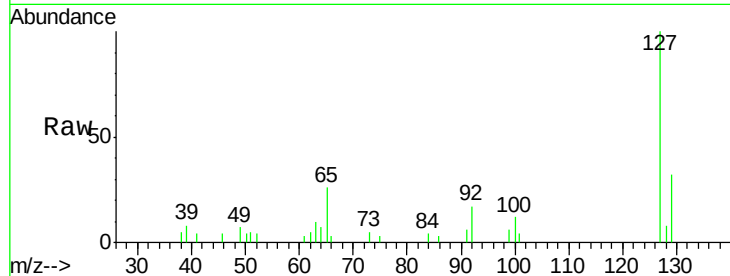
#33
4-Chloroaniline
Concen: 5.72 ng
RT: 8.22 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.5	38.3		
65	26.2	21.7	32.5		
92	17.4	14.6	21.8		

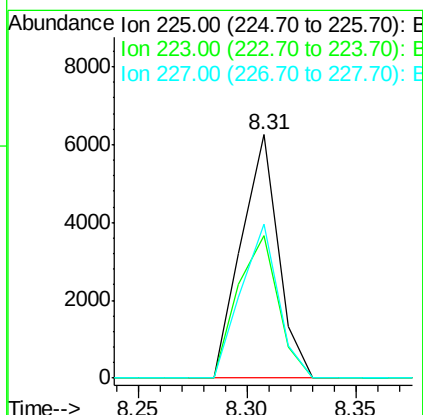
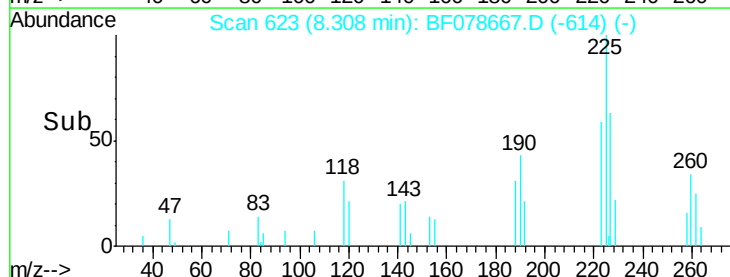
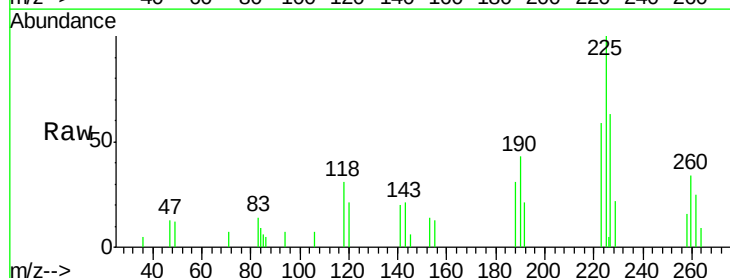
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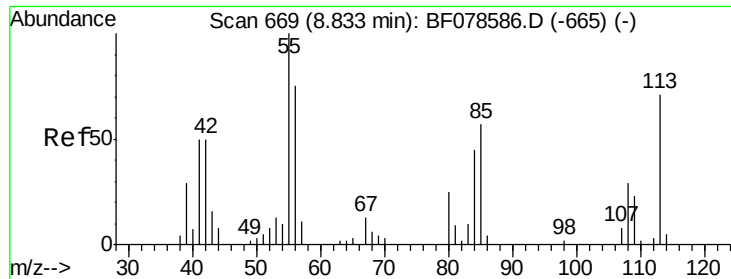
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#34
Hexachlorobutadiene
Concen: 6.91 ng
RT: 8.31 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	58.5	47.5	71.3		
227	63.2	50.2	75.2		





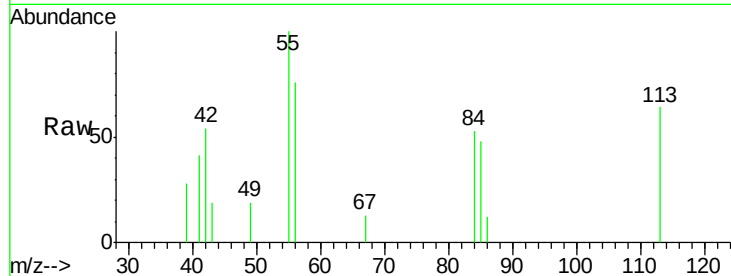
#35
Caprolactam
Concen: 5.75 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.07 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.4	151.9	191.9
56	118.3	106.1	146.1

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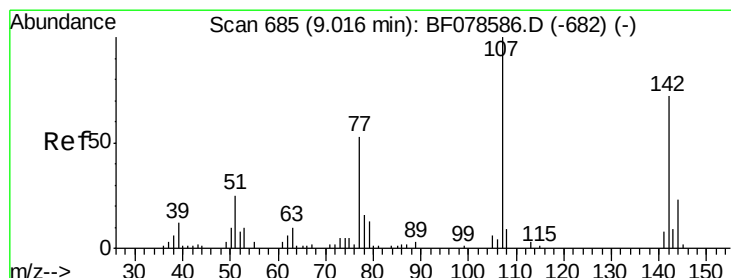
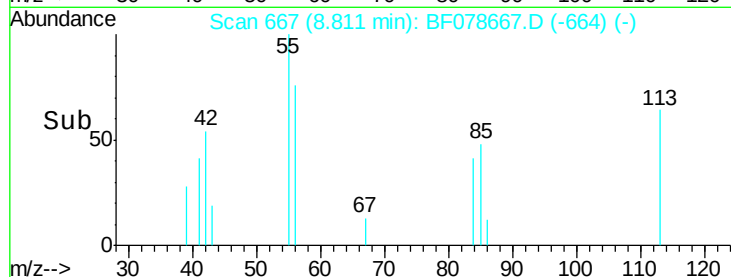
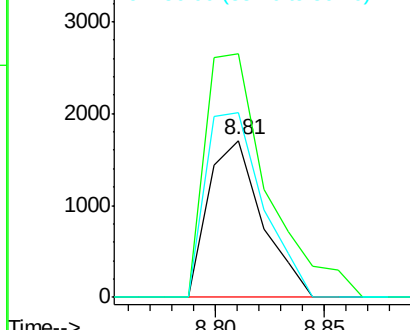
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Abundance Ion 113.00 (112.70 to 113.70): E

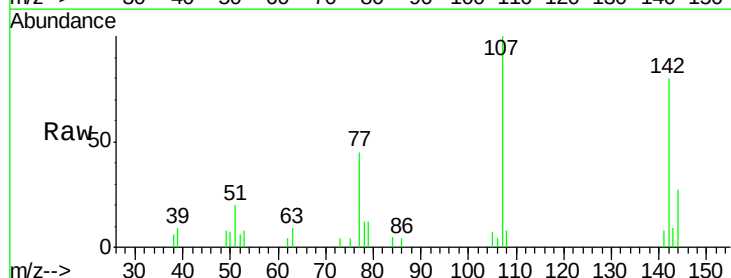
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
4-Chloro-3-methylphenol
Concen: 8.11 ng
RT: 9.18 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

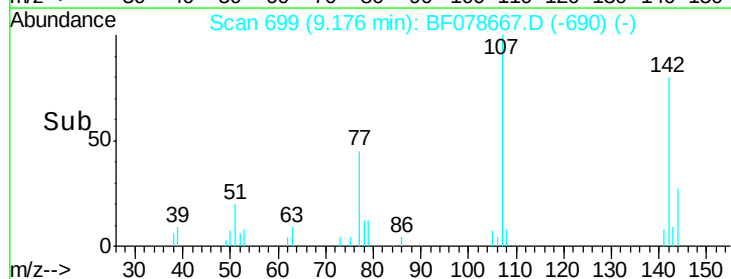
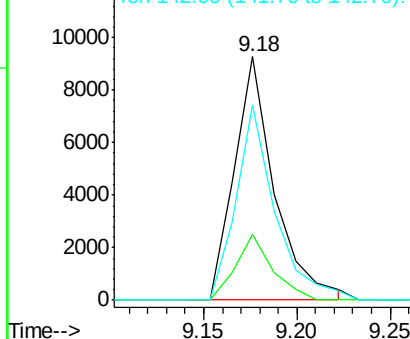
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	18.2	27.2
142	80.3	58.0	87.0

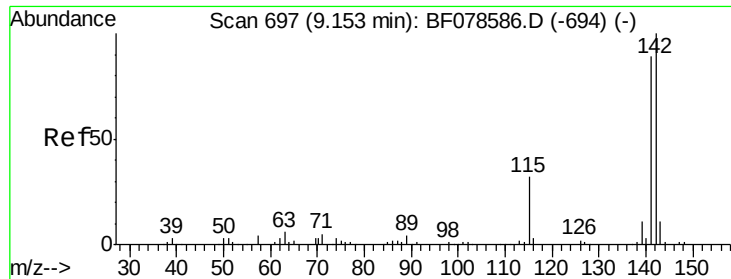


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





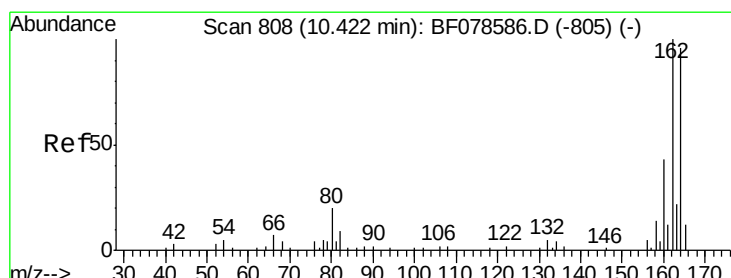
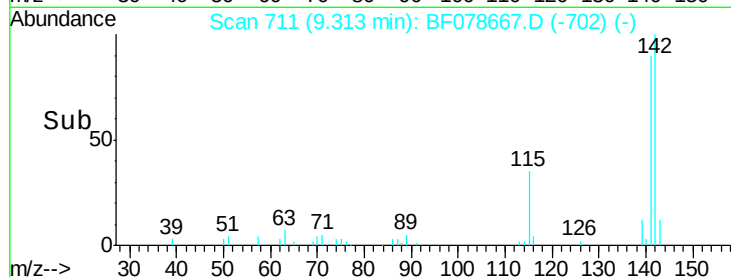
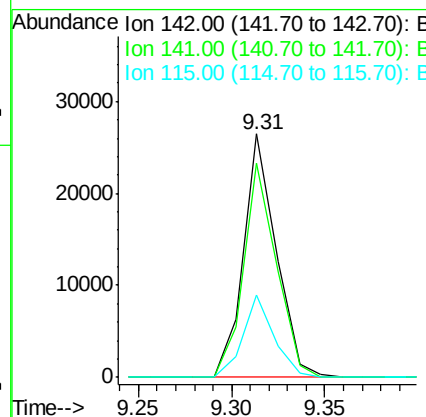
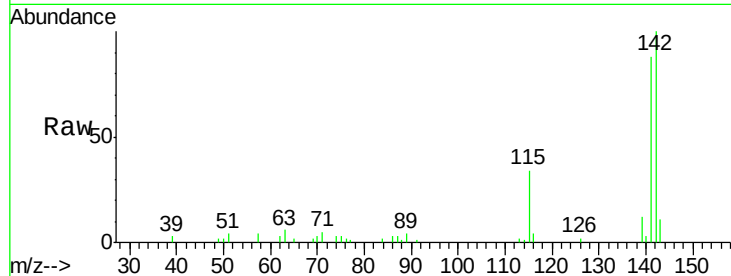
#37
2-Methylnaphthalene
Concen: 7.48 ng
RT: 9.31 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	33.8	24.6	37.0

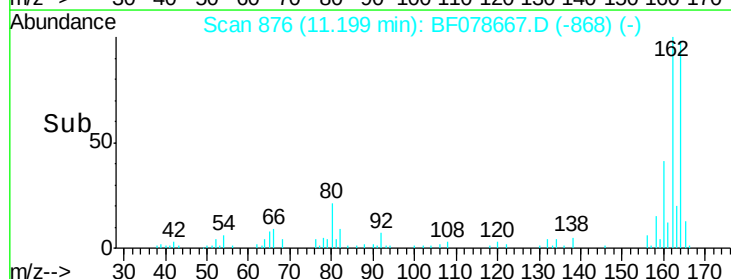
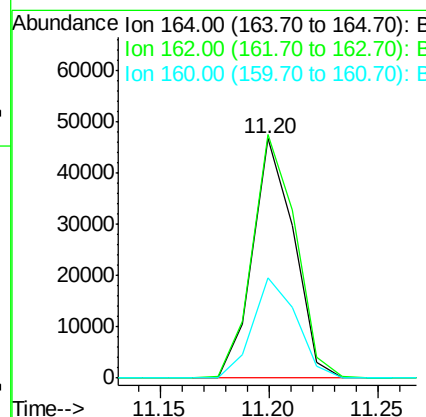
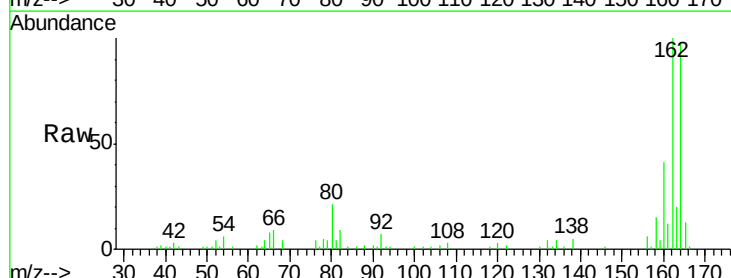
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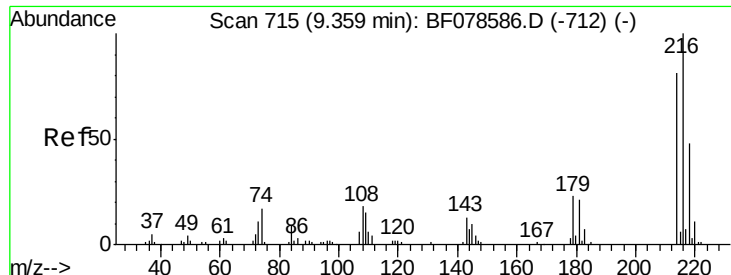
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	41.9	34.7	52.1





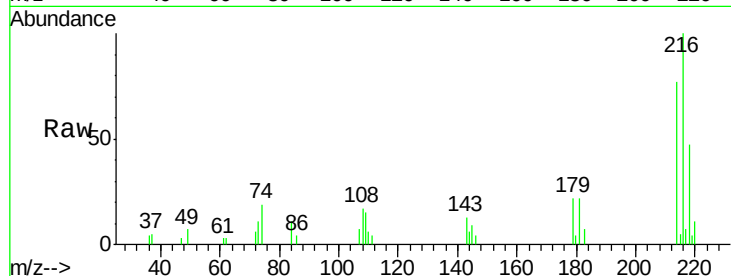
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.39 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

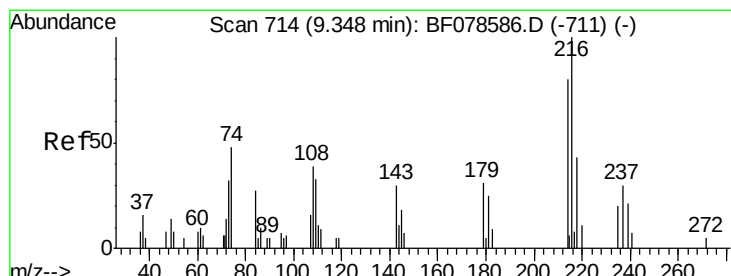
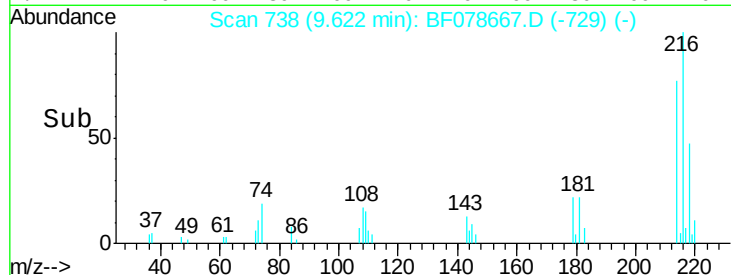
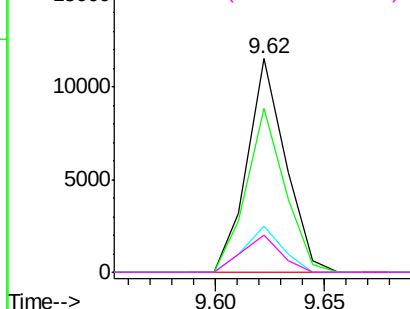
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		14197		
214	77.0	62.0	93.0		
179	21.5	17.3	25.9		
108	17.4	14.6	21.8		

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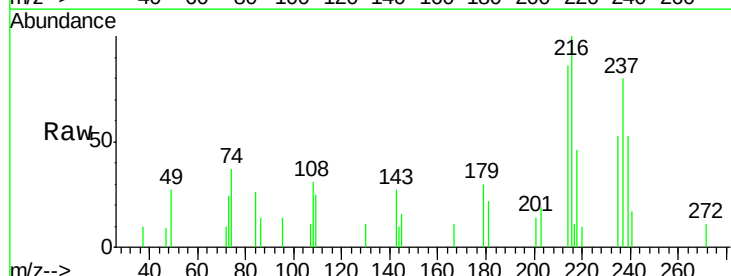


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

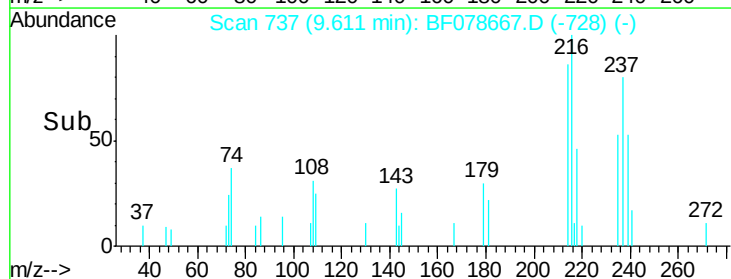
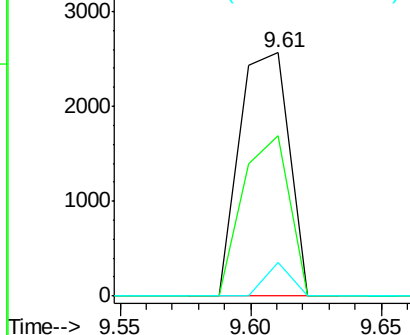


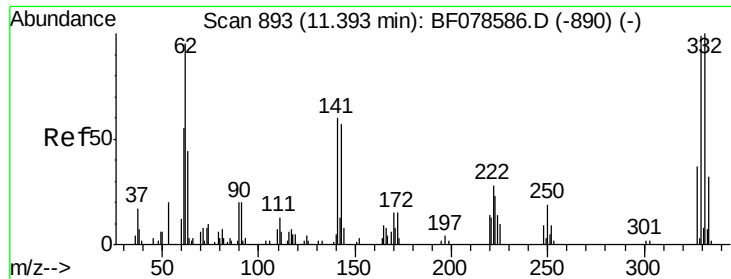
#40
 Hexachlorocyclopentadiene
 Concen: 10.60 ng
 RT: 9.61 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		3424		
235	65.9	44.1	84.1		
272	13.6	0.0	34.4		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





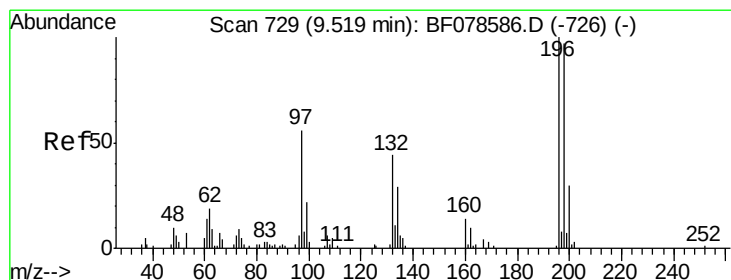
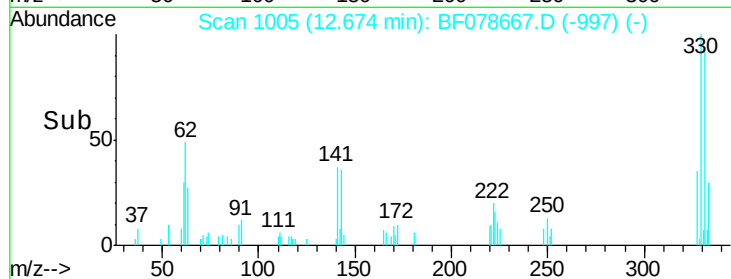
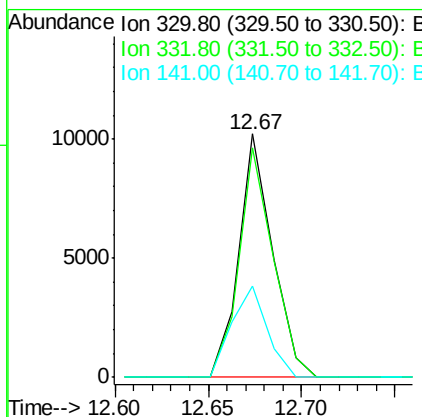
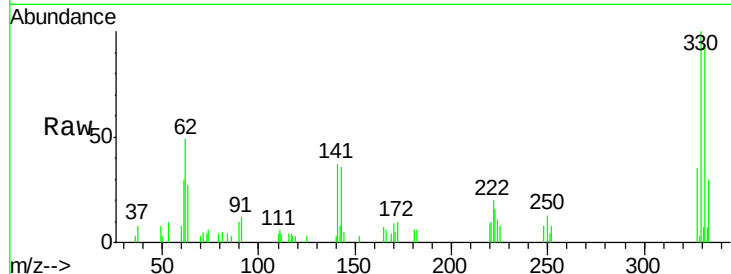
#41
 2,4,6-Tribromophenol
 Concen: 24.84 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	78.6	117.8	
141	39.2	31.2	46.8	

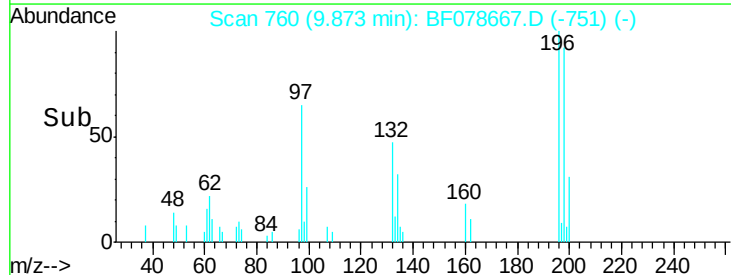
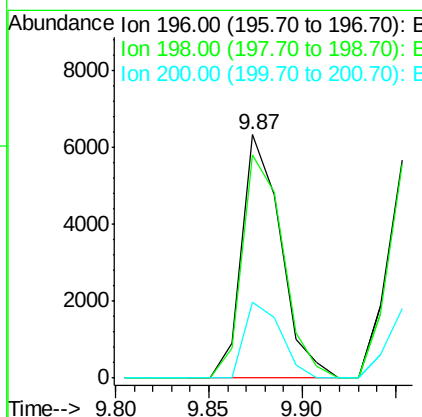
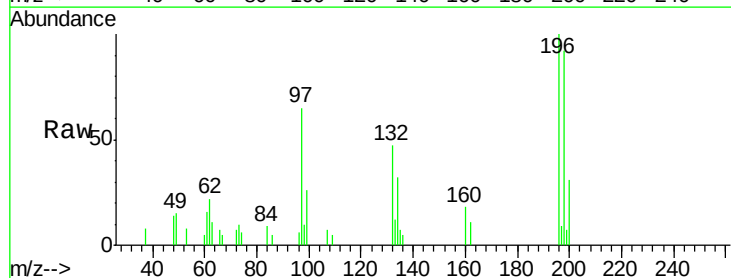
Manual Integrations
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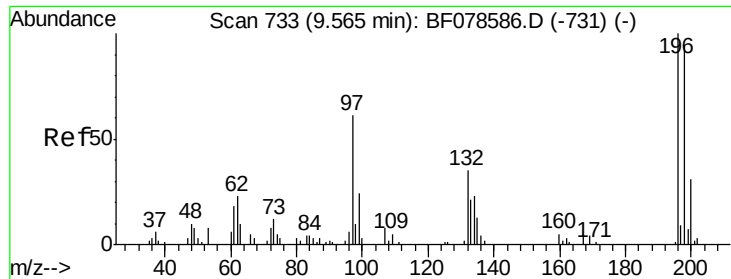
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#42
 2,4,6-Trichlorophenol
 Concen: 7.59 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	91.5	75.4	113.2	
200	30.9	24.0	36.0	





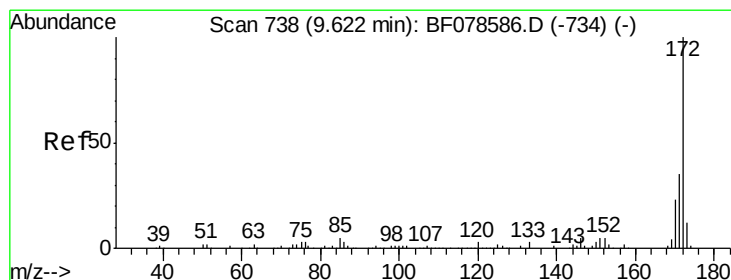
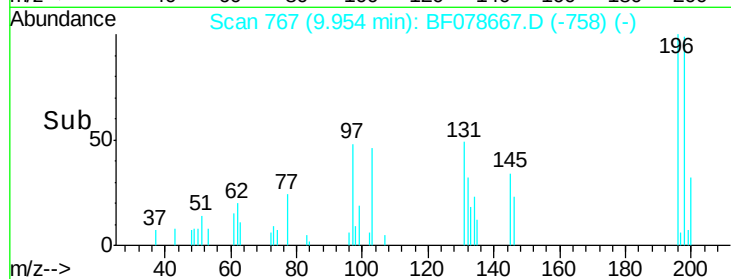
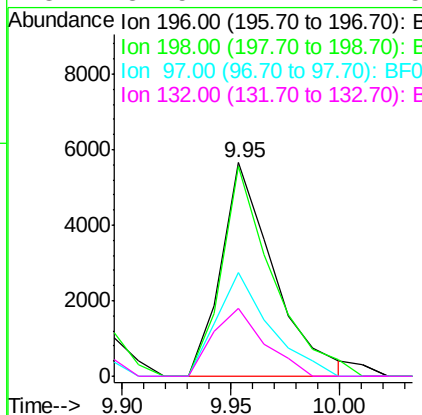
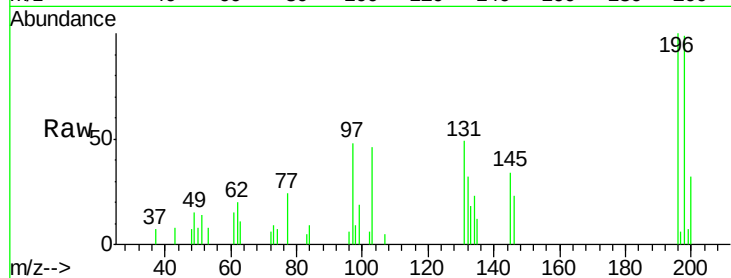
#43
 2,4,5-Trichlorophenol
 Concen: 7.52 ng
 RT: 9.95 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

Tot Ion:	196	Resp:	9519
Ion Ratio	Lower	Upper	
196	100		
198	98.6	76.6	115.0
97	48.5	50.6	75.8#
132	31.5	27.7	41.5

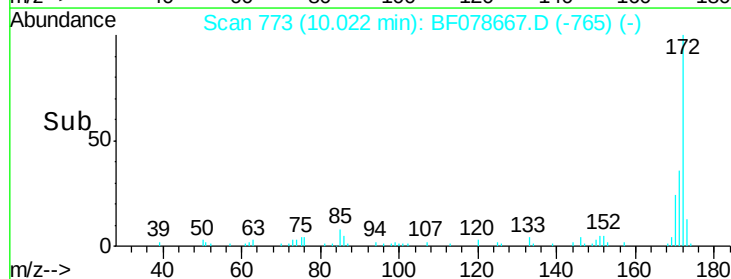
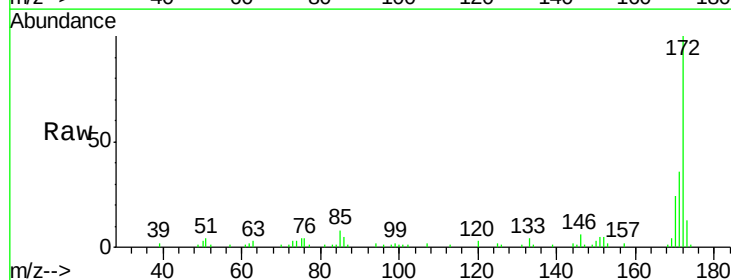
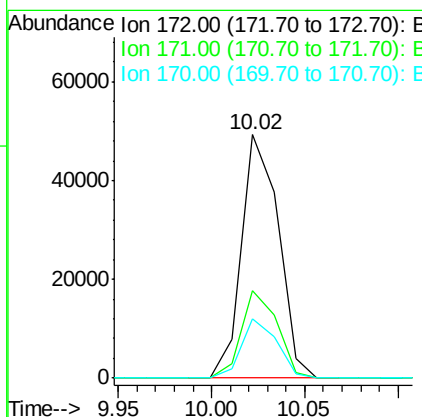
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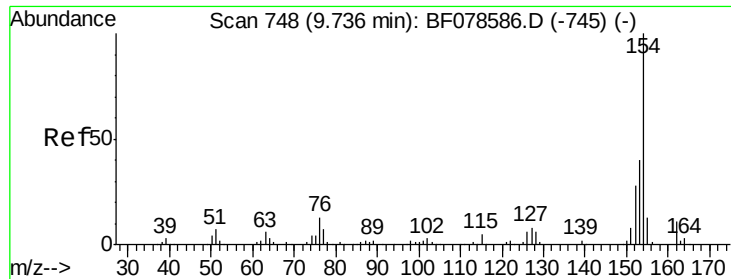
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#44
 2-Fluorobiphenyl
 Concen: 15.63 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion:	172	Resp:	67848
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	42.8
170	24.2	18.5	27.7





#45

1,1'-Biphenyl

Concen: 7.78 ng

RT: 10.19 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

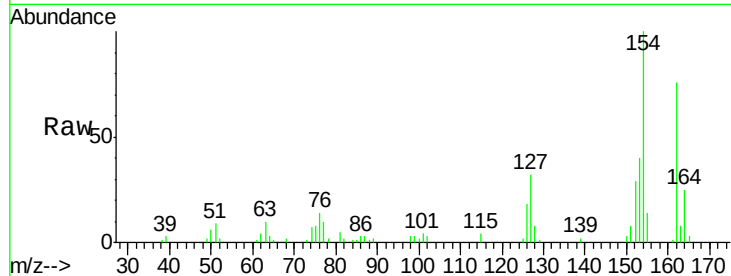
ClientSampleId :

SP-A-1MSD

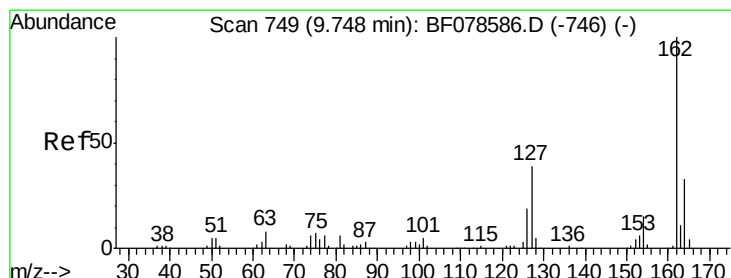
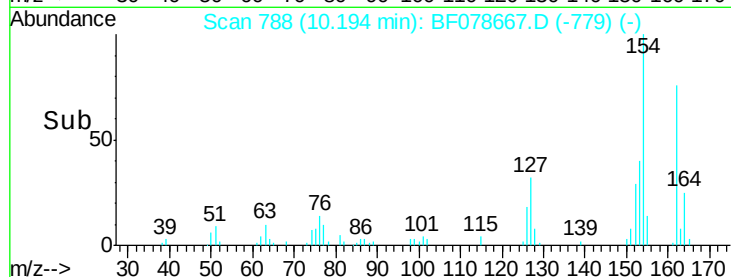
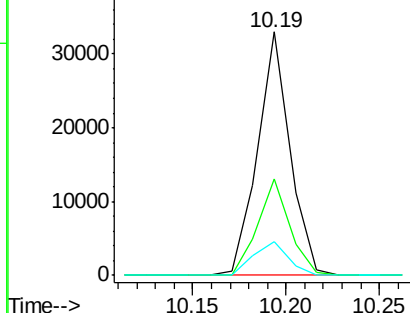
Tot Ion:	154	Resp:	39497
Ion Ratio	Lower	Upper	
154	100		
153	39.6	20.0	60.0
76	13.7	0.0	30.6

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



#46

2-Chloronaphthalene

Concen: 7.63 ng

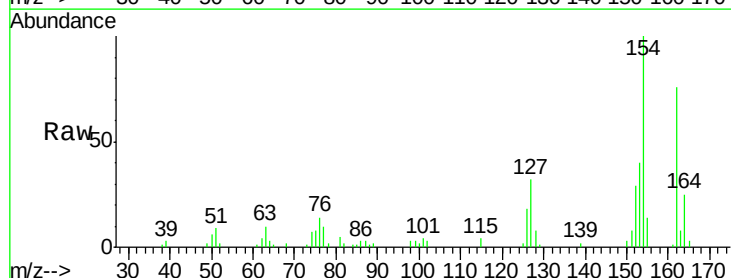
RT: 10.19 min Scan# 788

Delta R.T. 0.00 min

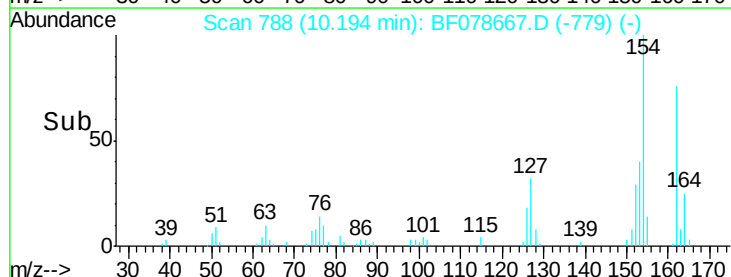
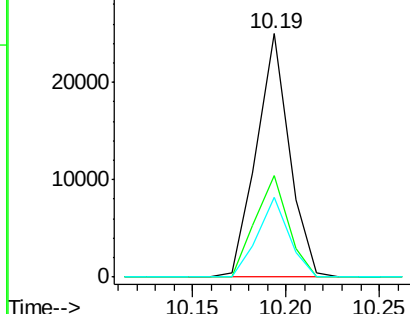
Lab File: BF078667.D

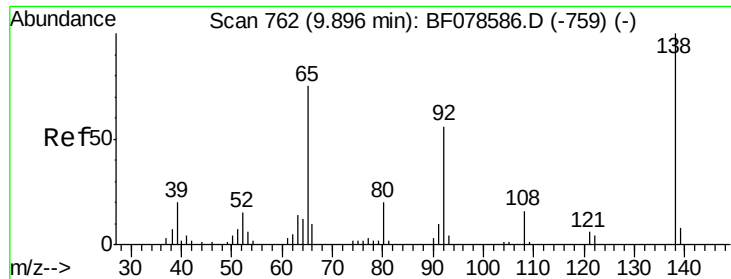
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Tgt Ion:	162	Resp:	30454
Ion Ratio	Lower	Upper	
162	100		
127	41.8	32.6	49.0
164	32.8	26.0	39.0



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





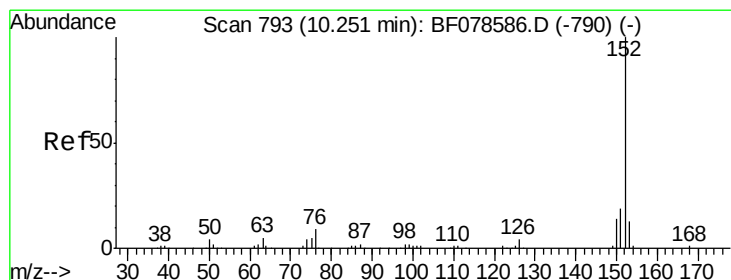
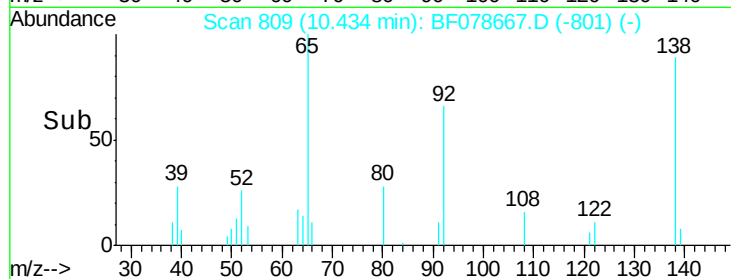
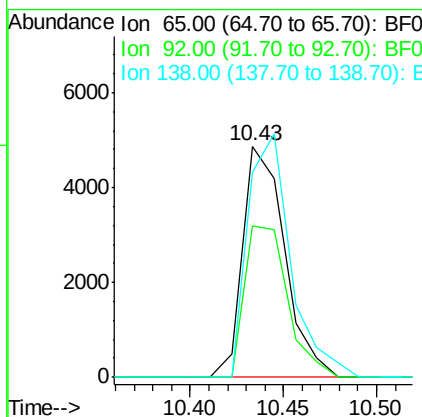
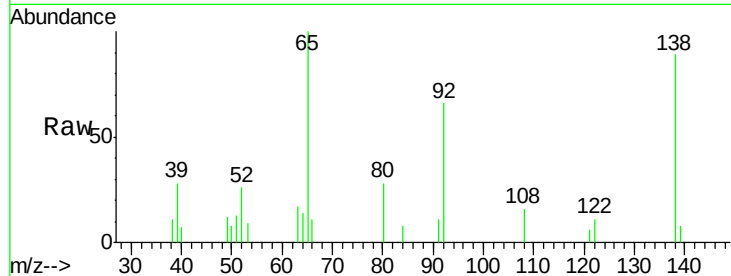
#47
 2-Nitroaniline
 Concen: 7.70 ng
 RT: 10.43 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.3	76.9
138	88.7	70.4	105.6

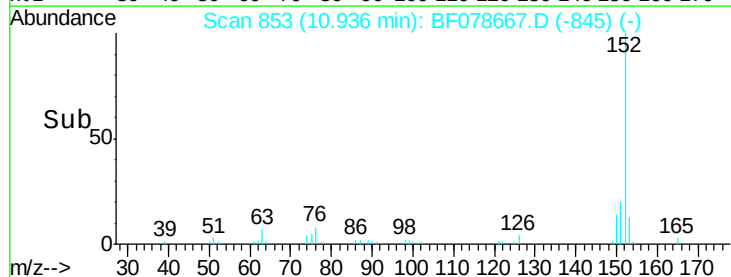
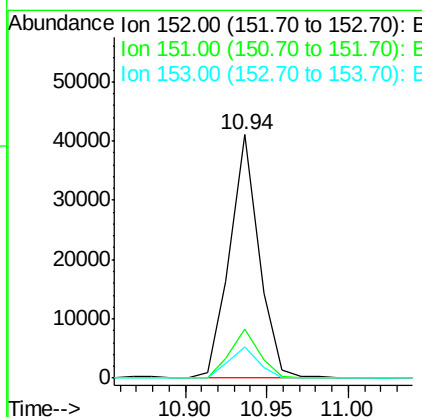
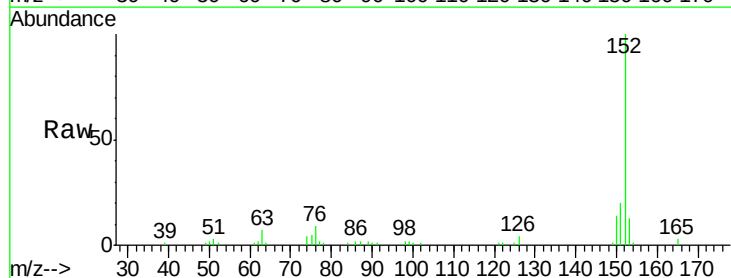
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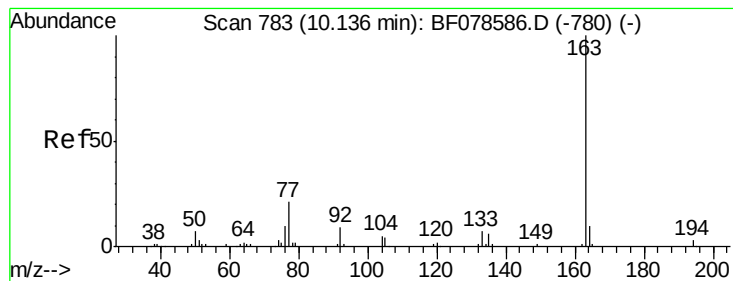
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#48
 Acenaphthylene
 Concen: 7.95 ng
 RT: 10.94 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.0	10.2	15.2





#49

Dimethylphthalate

Concen: 12.02 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

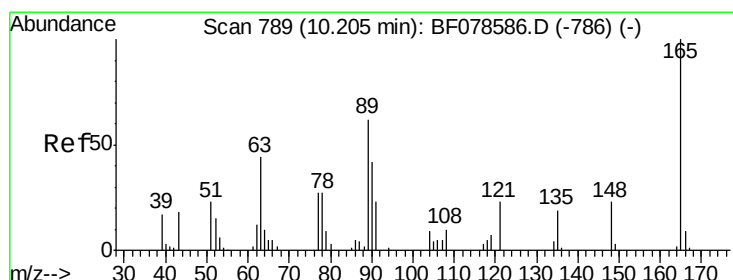
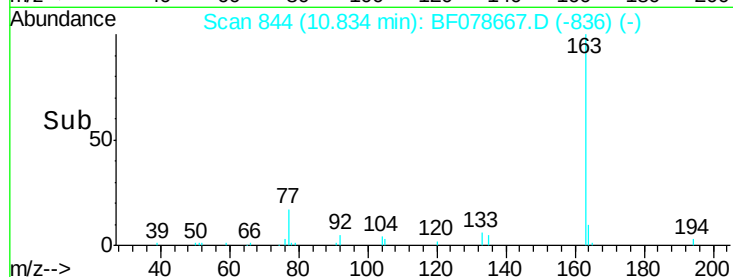
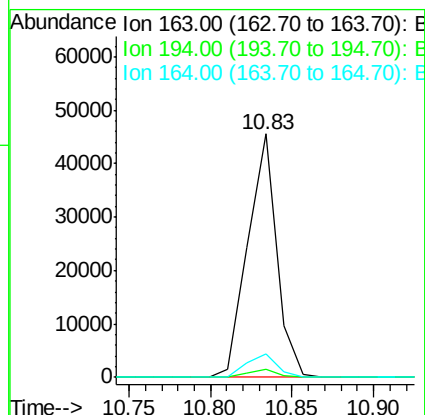
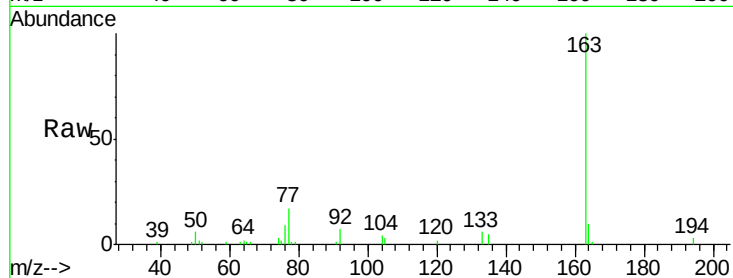
ClientSampleId :

SP-A-1MSD

Tot Ion:	163	Resp:	56024
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.3	3.5
164	9.5	8.6	13.0

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#50

2,6-Dinitrotoluene

Concen: 6.93 ng

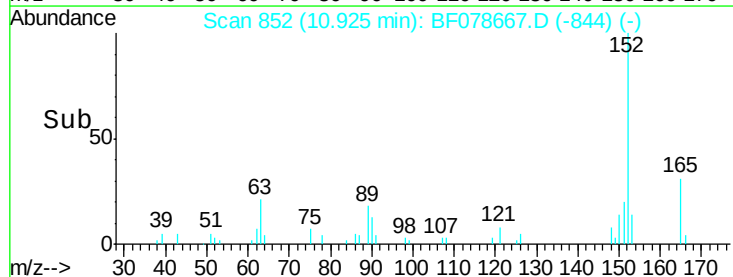
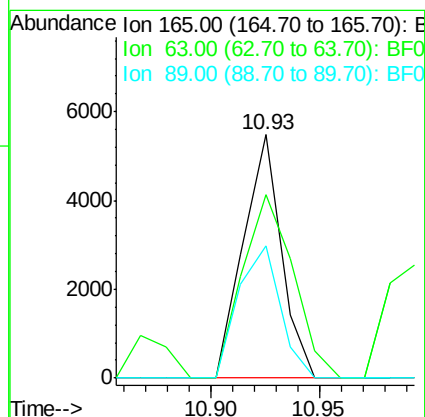
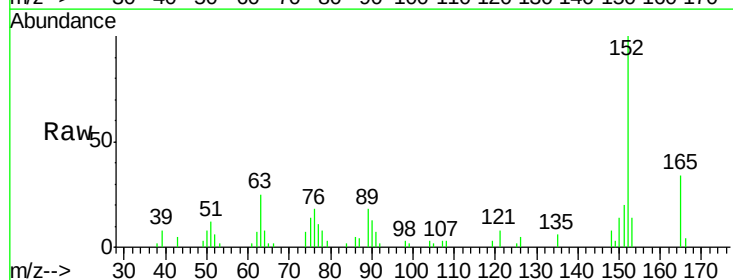
RT: 10.93 min Scan# 852

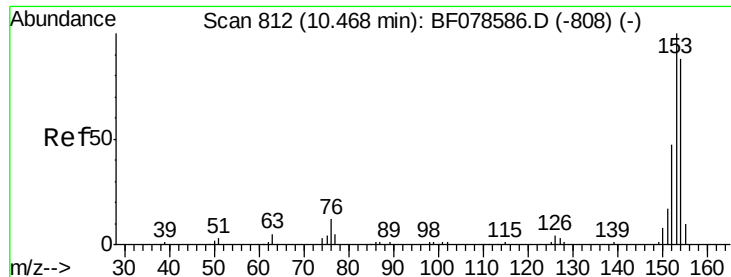
Delta R.T. -0.01 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Tgt Ion:	165	Resp:	6644
Ion Ratio	Lower	Upper	
165	100		
63	75.3	24.1	36.1#
89	54.1	28.9	43.3#





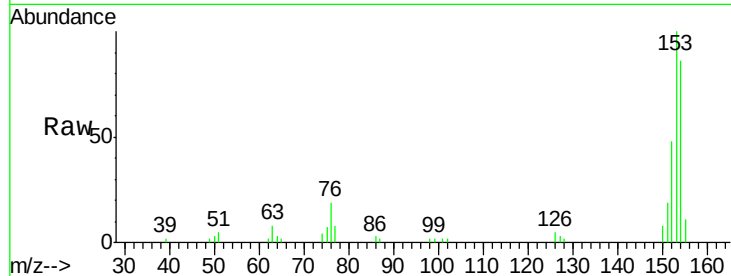
#51
Acenaphthene
Concen: 8.45 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

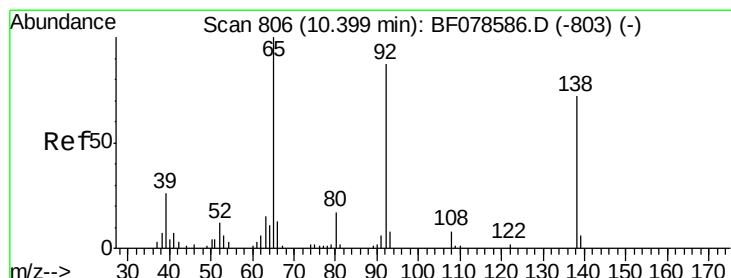
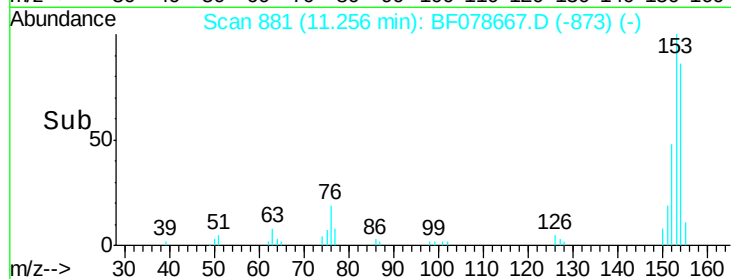
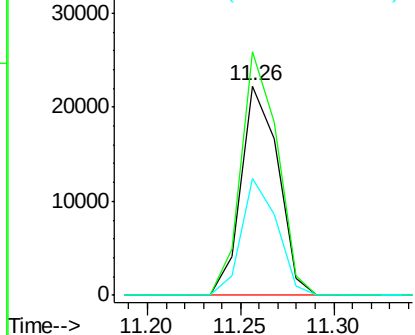
Tot Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.4	137.2
152	55.9	43.0	64.6

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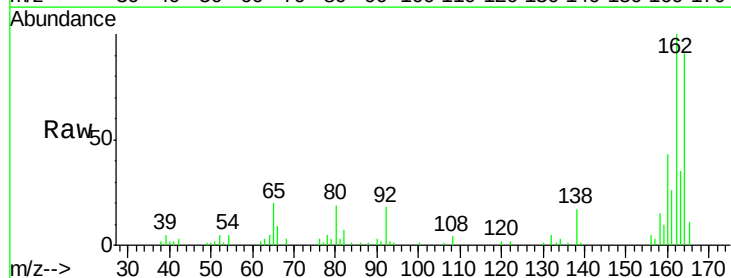


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

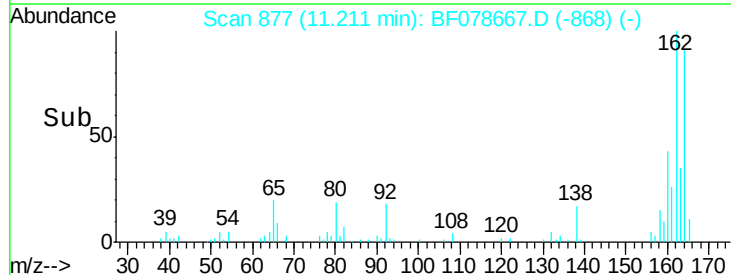
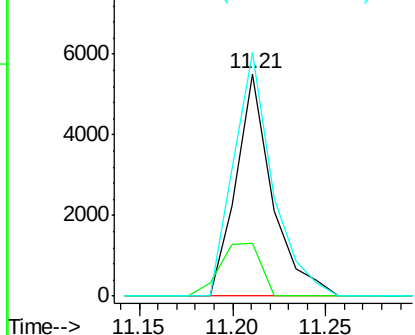


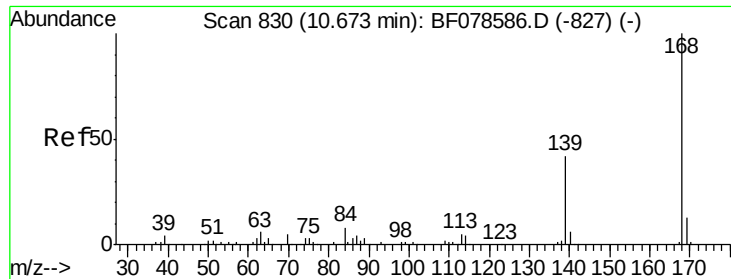
#52
3-Nitroaniline
Concen: 6.87 ng
RT: 11.21 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	23.8	8.2	12.4#
92	109.5	88.4	132.6



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





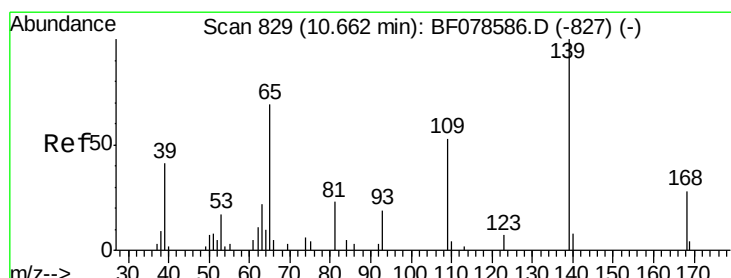
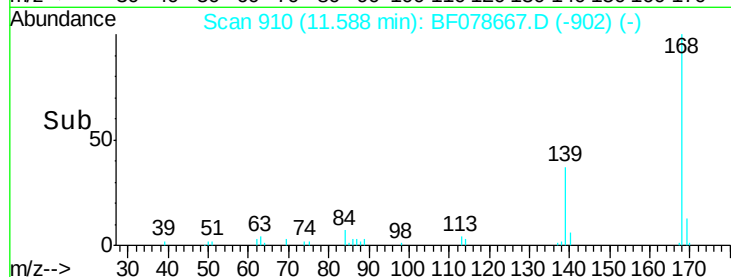
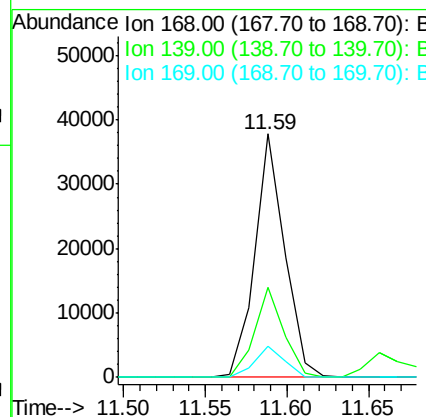
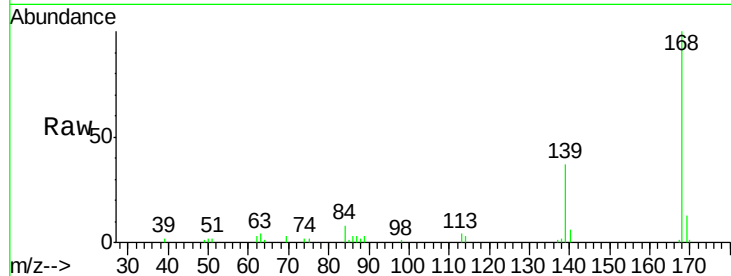
#54
Dibenzenofuran
Concen: 8.66 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.1	31.0	46.4	
169	13.0	10.7	16.1	

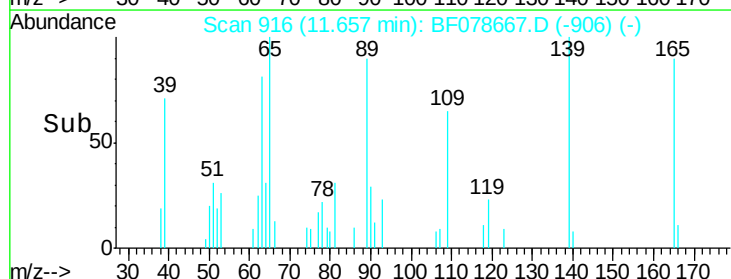
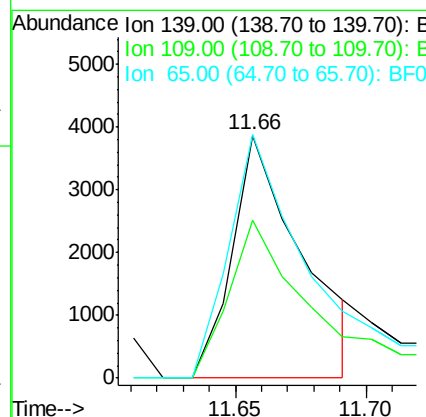
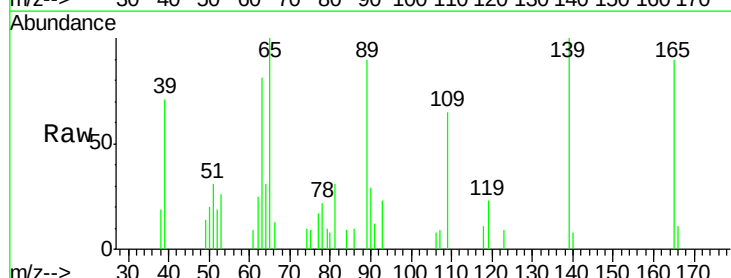
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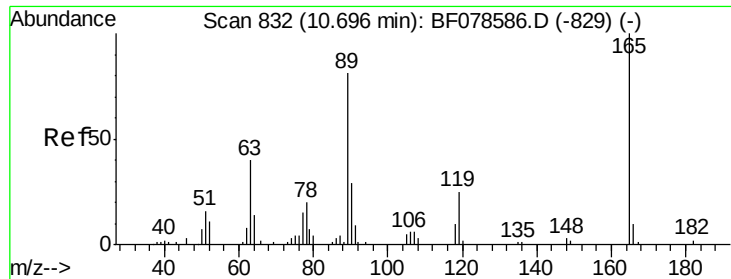
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#55
4-Nitrophenol
Concen: 11.45 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.2	36.7	76.7	
65	100.4	49.9	89.9	





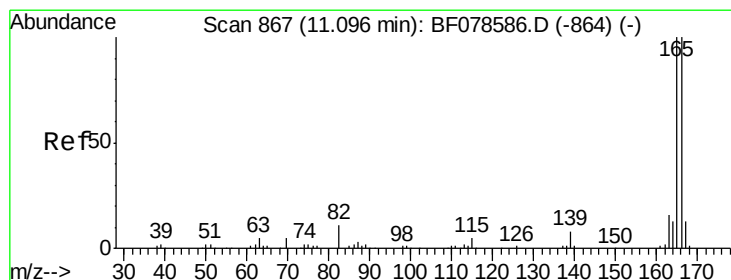
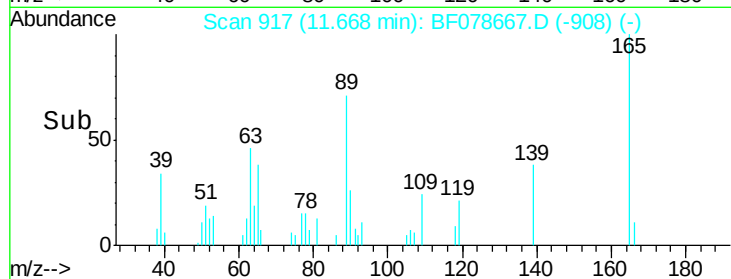
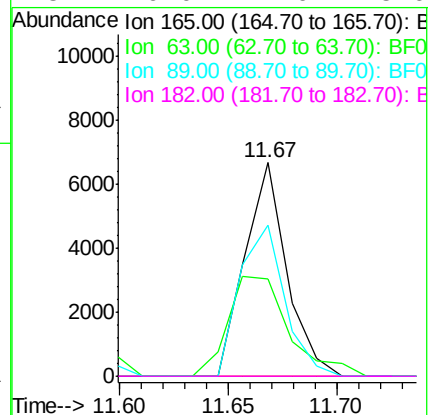
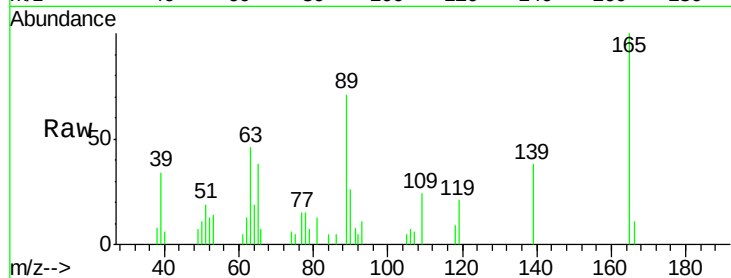
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	26.5	39.7#
89	71.0	46.4	69.6#
182	0.0	2.0	3.0#

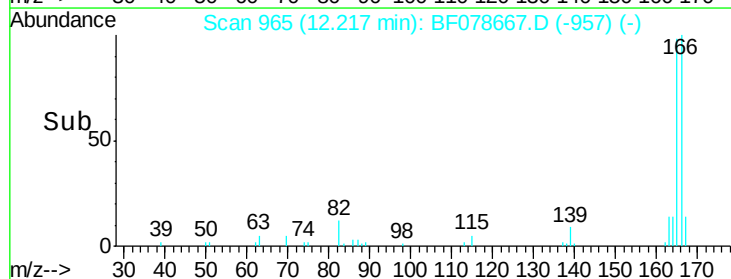
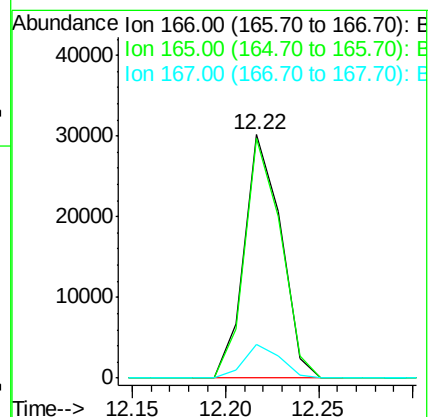
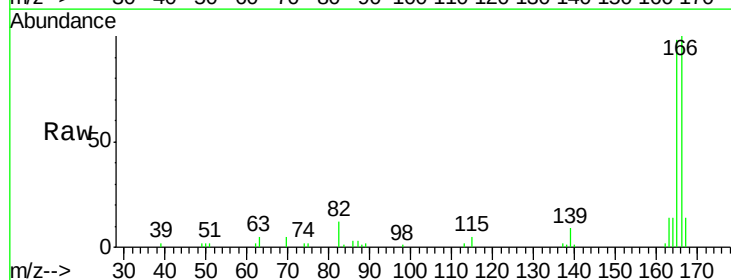
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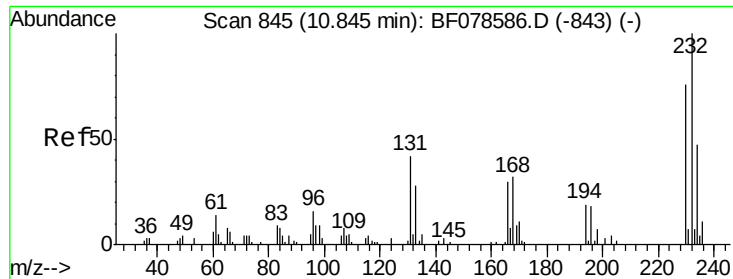
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#57
Fluorene
Concen: 9.13 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.9	118.3
167	13.6	10.7	16.1





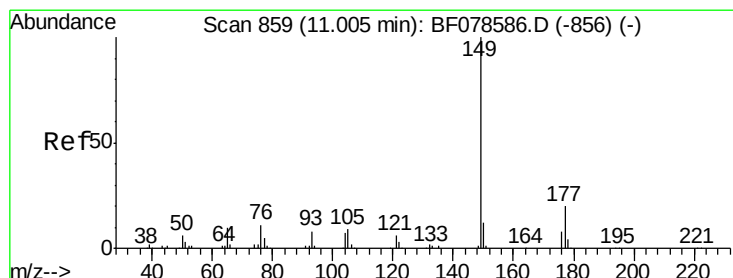
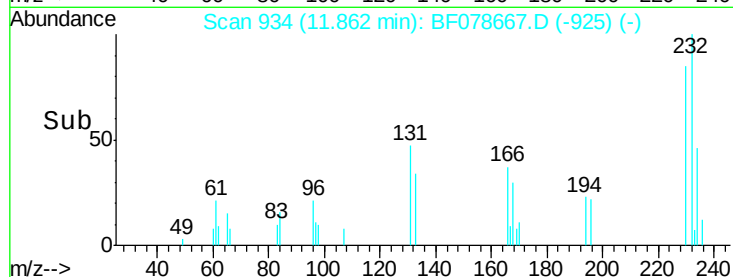
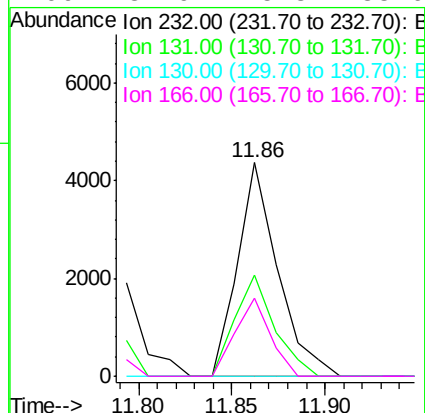
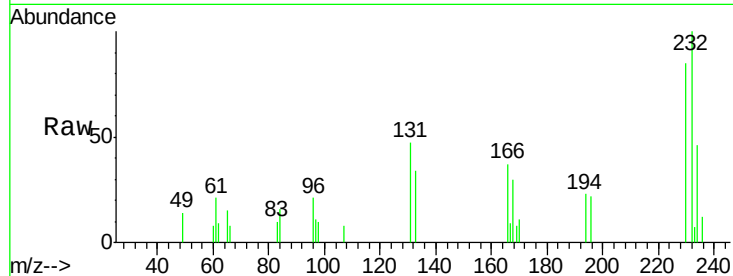
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 6.99 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

Tot Ion:	232	Resp:	6562
Ion Ratio	Lower	Upper	
232	100		
131	46.4	37.8	56.8
130	0.0	1.5	2.3
166	31.9	25.8	38.6

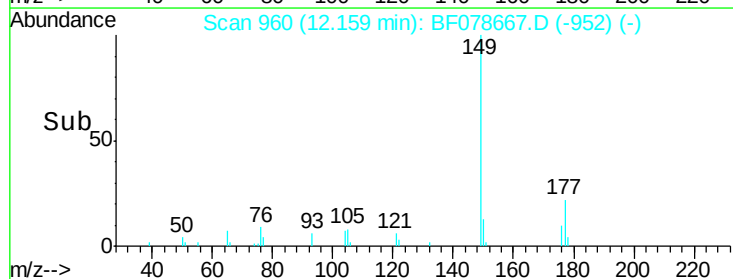
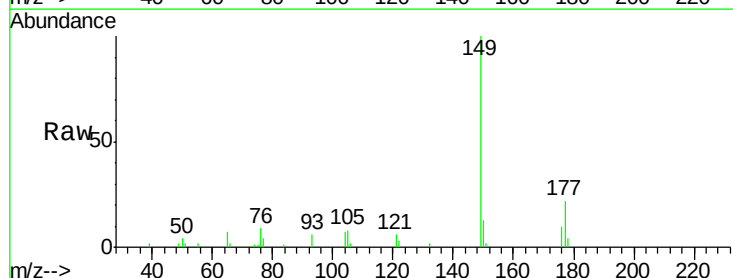
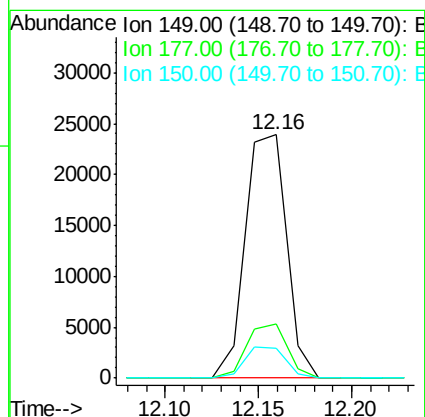
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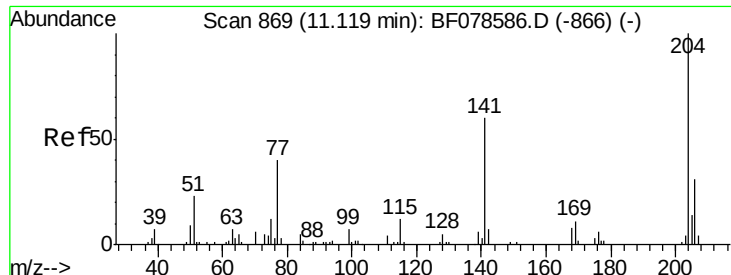
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#59
 Diethylphthalate
 Concen: 8.15 ng
 RT: 12.16 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion:	149	Resp:	36634
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.4	26.2
150	12.5	9.4	14.2





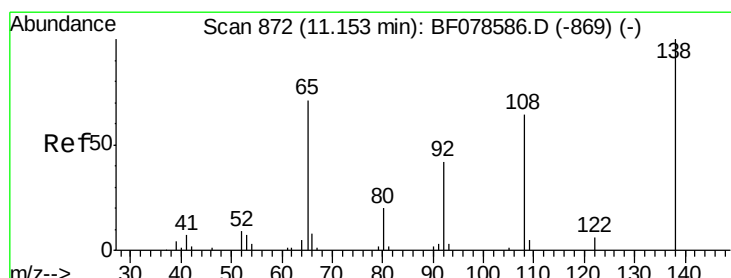
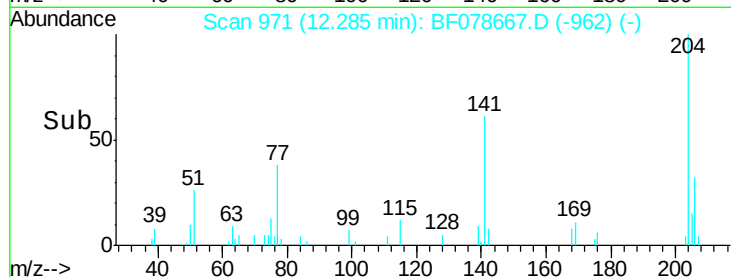
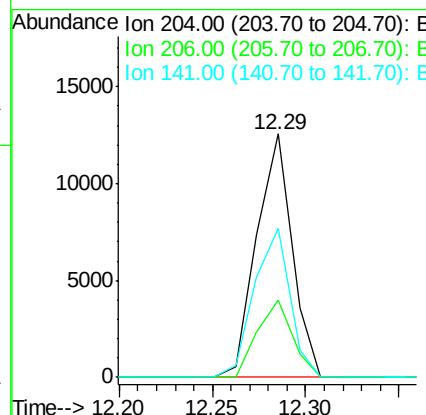
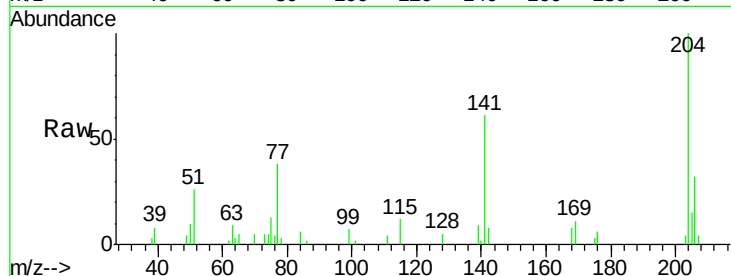
#60
 4-Chlorophenyl-phenylether
 Concen: 7.98 ng
 RT: 12.29 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.6	38.4
141	61.2	35.4	53.0

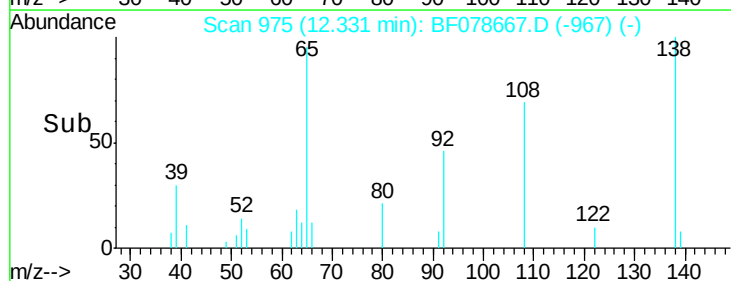
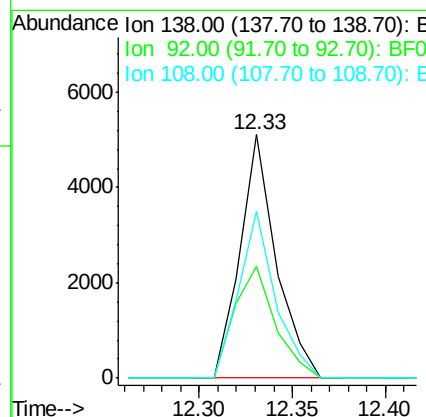
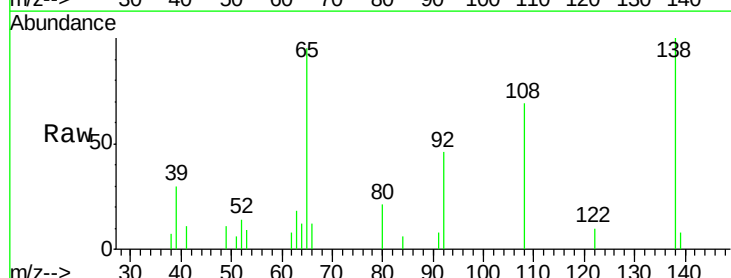
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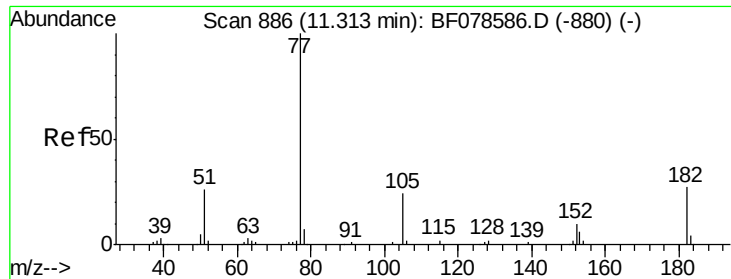
apatel
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#61
 4-Nitroaniline
 Concen: 6.25 ng
 RT: 12.33 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	27.3	67.3
108	68.6	47.2	87.2





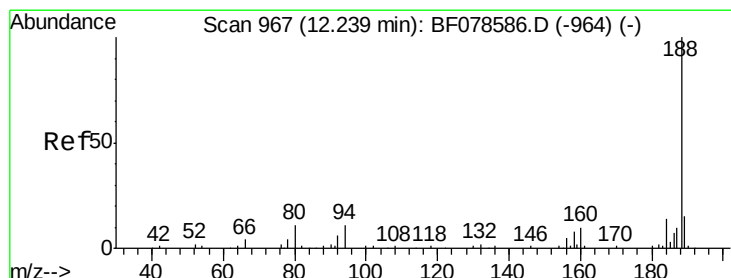
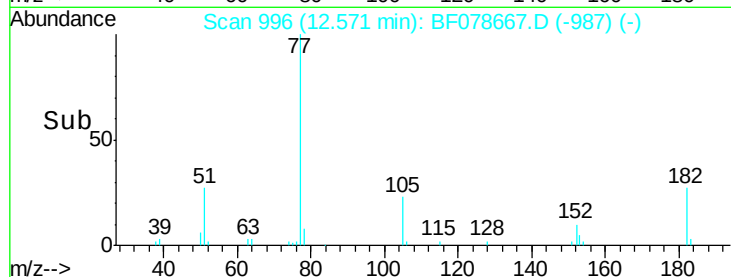
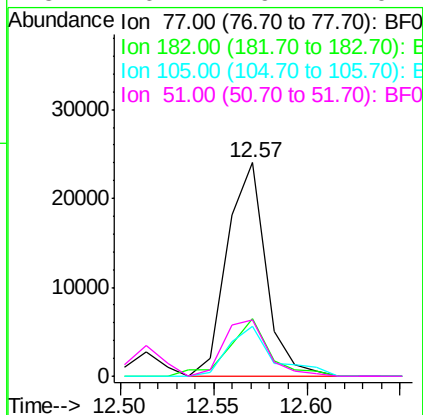
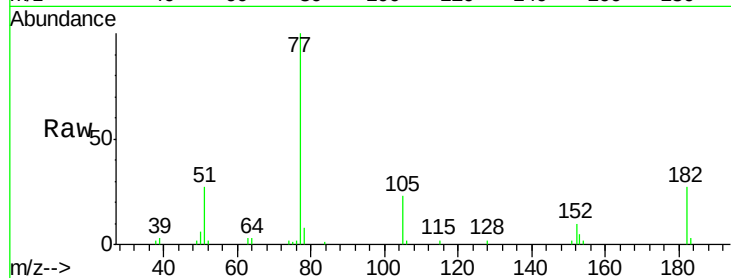
#62
Azobenzene
Concen: 8.53 ng
RT: 12.57 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.1	0.0	36.8		
105	23.2	0.3	40.3		
51	26.7	9.1	49.1		

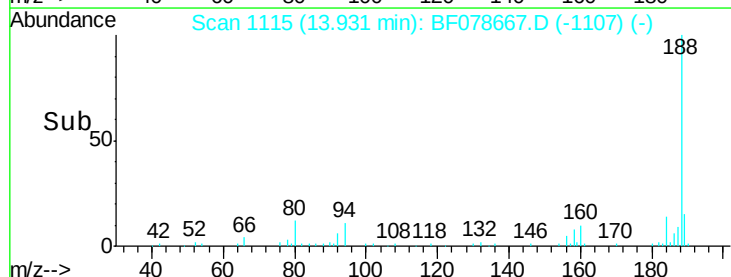
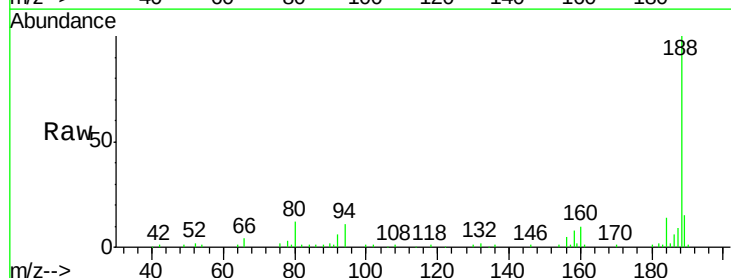
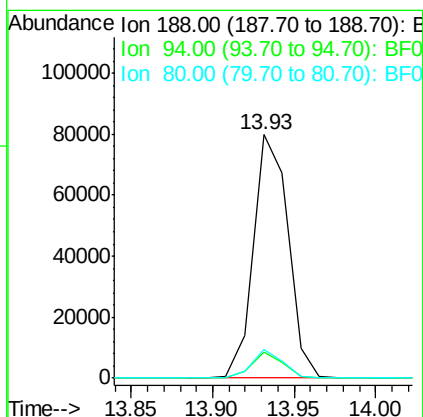
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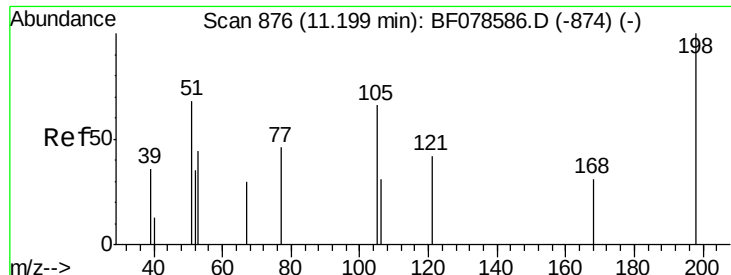
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.93 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.7	9.0	13.4		
80	11.8	9.5	14.3		





#64

4,6-Dinitro-2-methylphenol

Concen: 9.71 ng

RT: 12.41 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

ClientSampled :

SP-A-1MSD

Tot Ion:198 Resp: 815

Ion Ratio Lower Upper

198 100

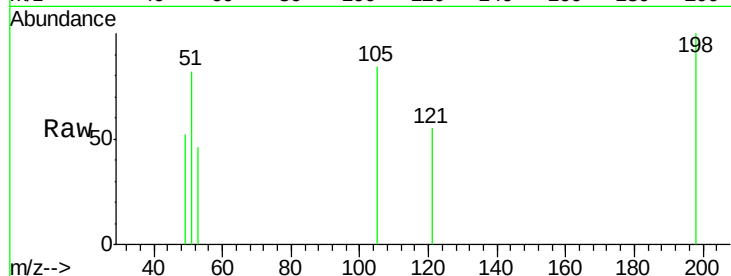
51 81.7 48.6 88.6

105 84.2 45.8 85.8

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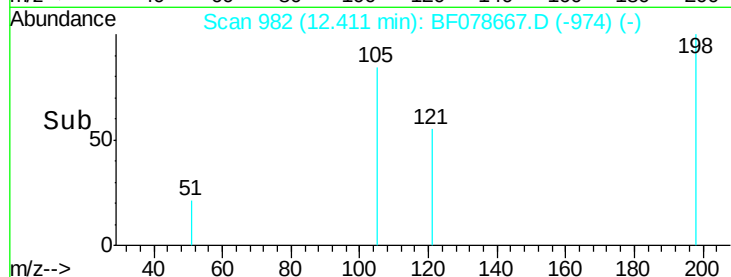


Abundance Ion 198.00 (197.70 to 198.70): E

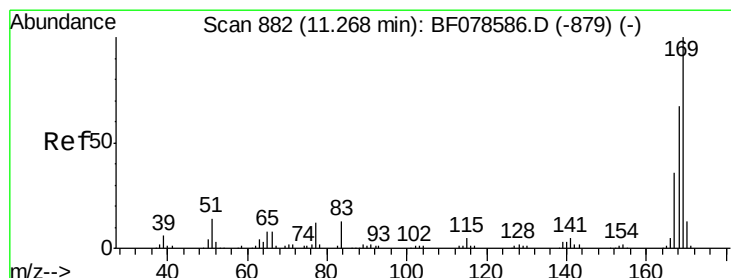
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 7.60 ng

RT: 12.51 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

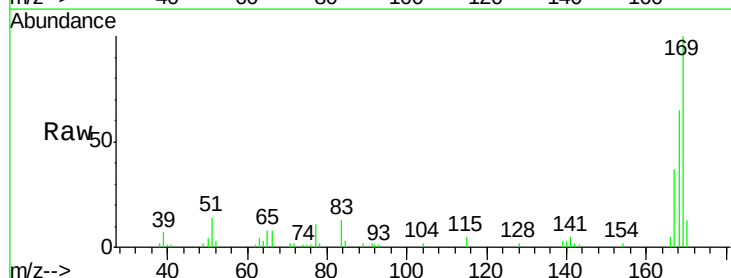
Tgt Ion:169 Resp: 31053

Ion Ratio Lower Upper

169 100

168 65.4 55.0 82.4

167 37.3 29.3 43.9

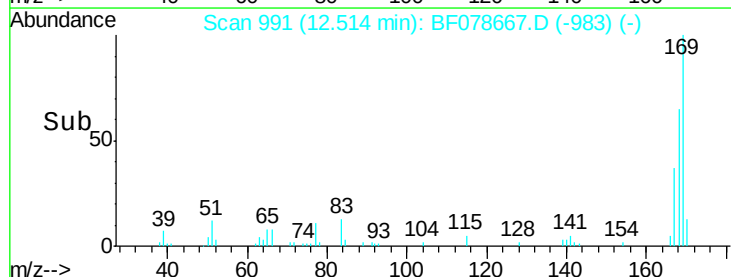


Abundance Ion 169.00 (168.70 to 169.70): E

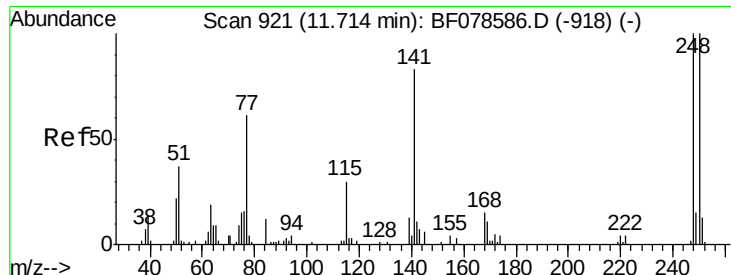
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



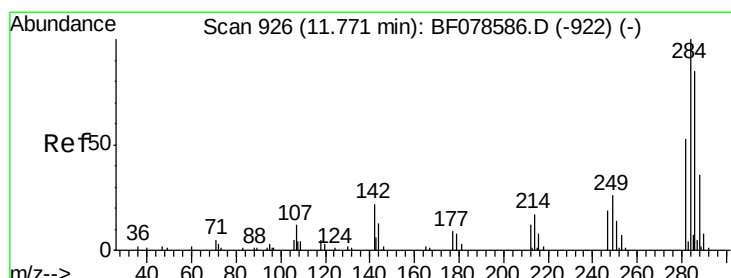
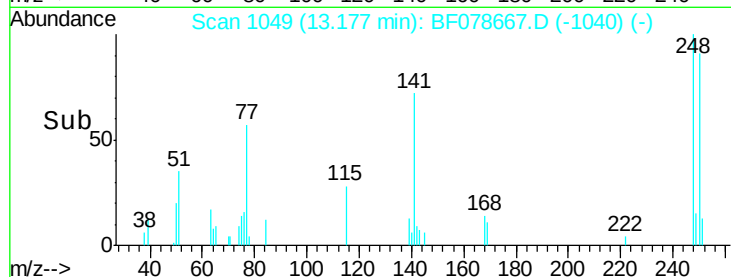
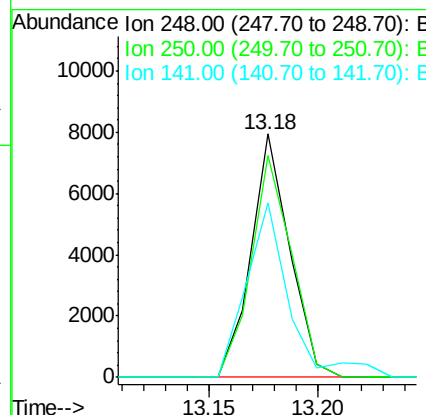
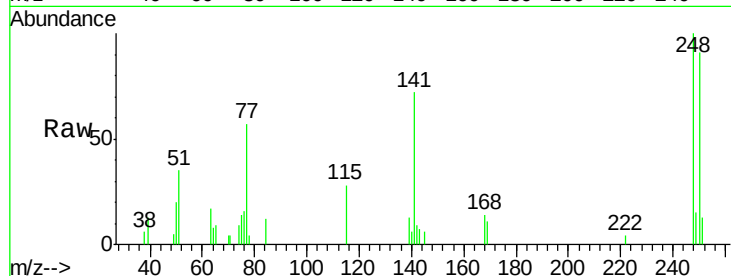
#66
4-Bromophenyl-phenylether
Concen: 7.87 ng
RT: 13.18 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampled :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.0	78.2	117.2
141	71.8	66.4	99.6

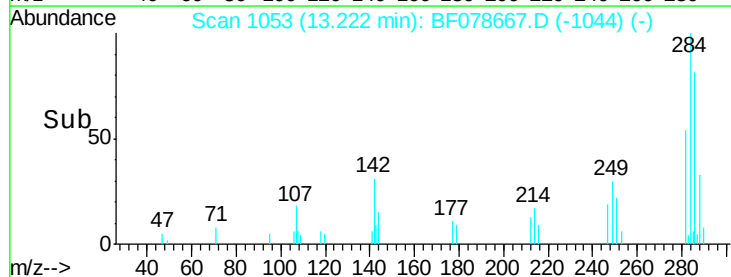
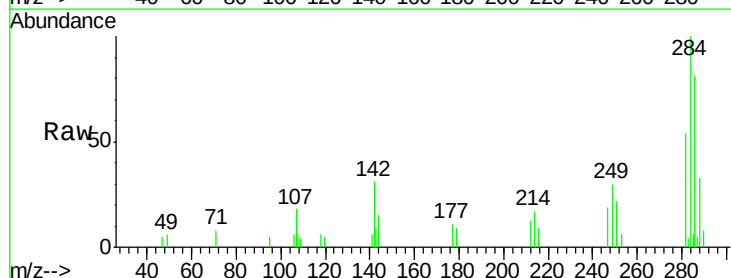
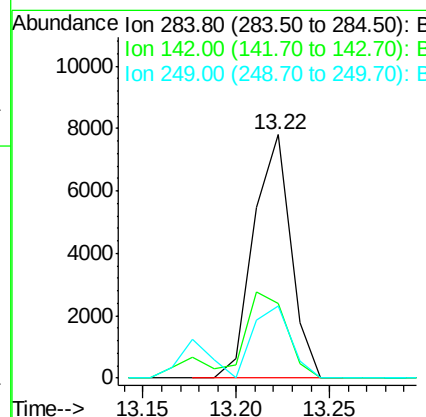
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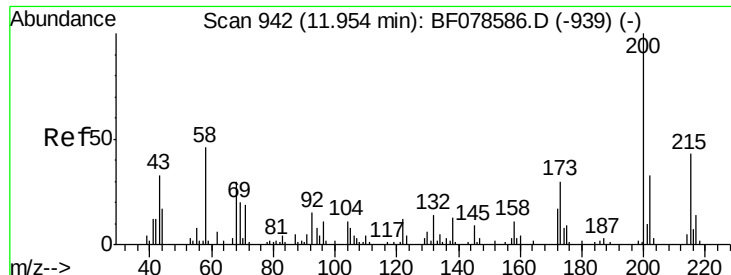
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#67
Hexachlorobenzene
Concen: 7.84 ng
RT: 13.22 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	24.5	36.7
249	29.8	24.8	37.2





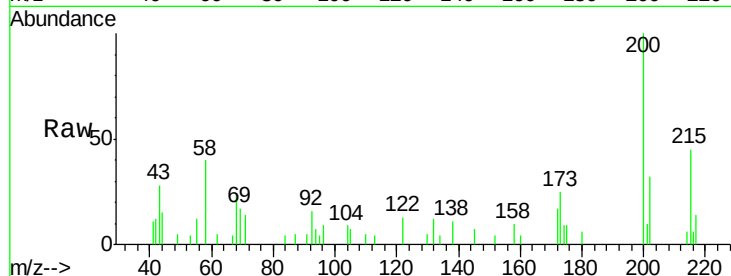
#68
Atrazine
Concen: 8.52 ng
RT: 13.59 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

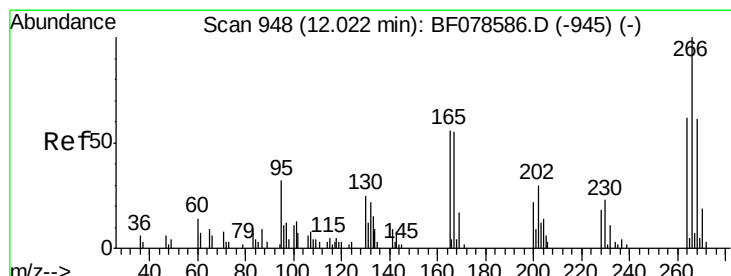
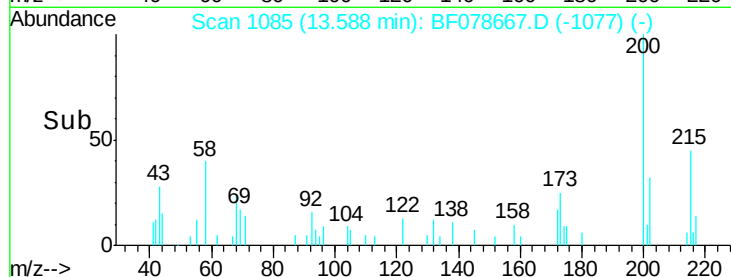
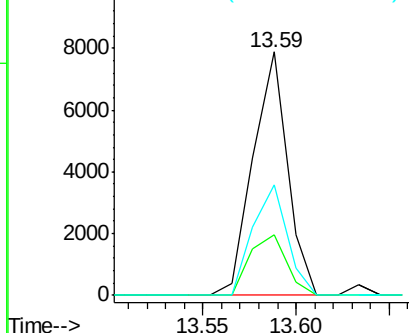
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	6.9	46.9
215	45.2	27.1	67.1

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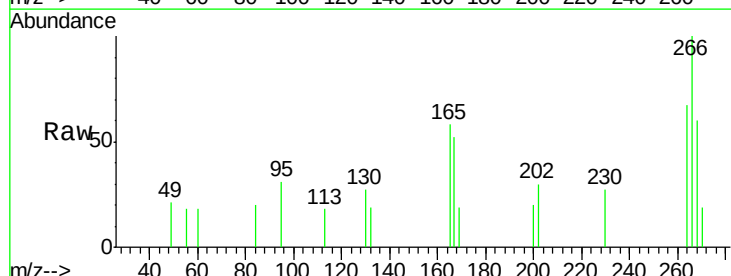


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

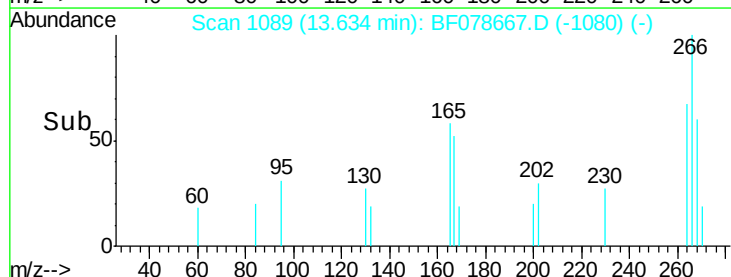
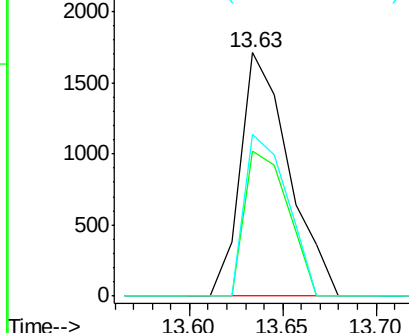


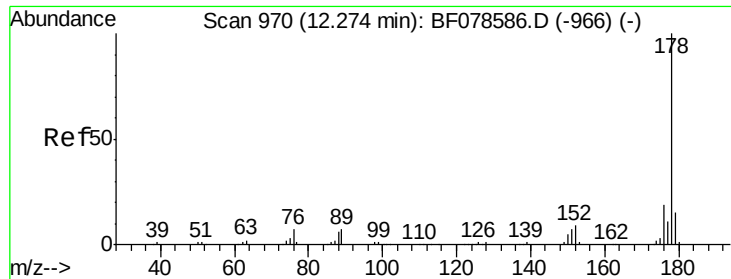
#69
Pentachlorophenol
Concen: 12.37 ng
RT: 13.63 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	59.8	50.1	75.1
264	66.6	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





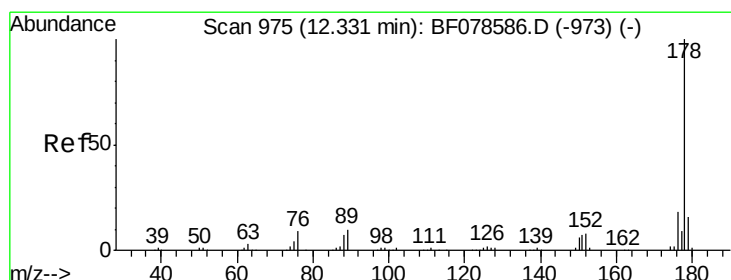
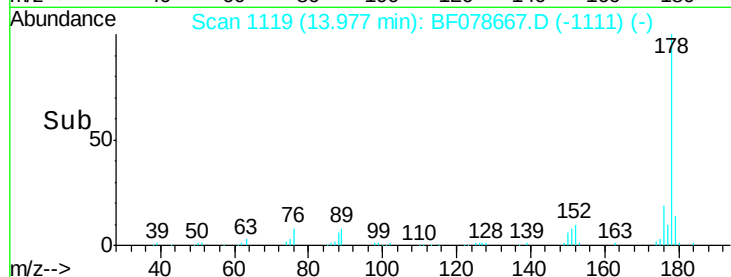
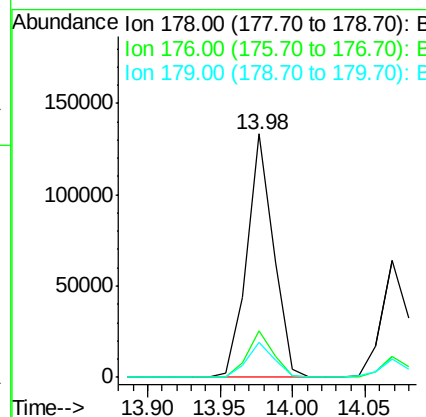
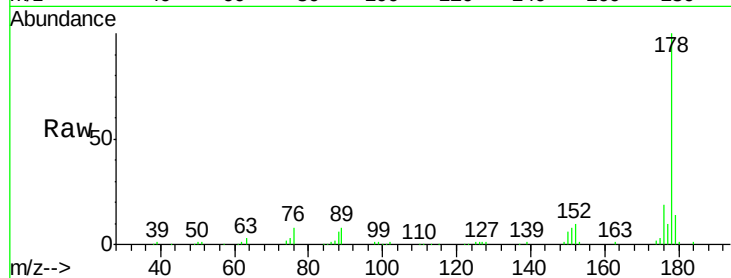
#70
Phenanthrene
Concen: 24.85 ng
RT: 13.98 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	14.4	12.2	18.2

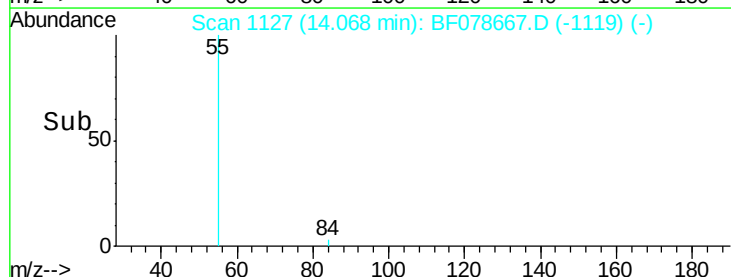
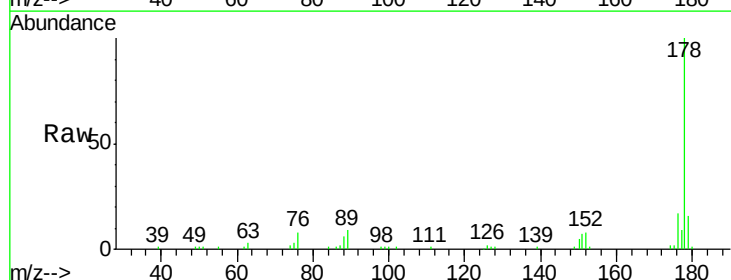
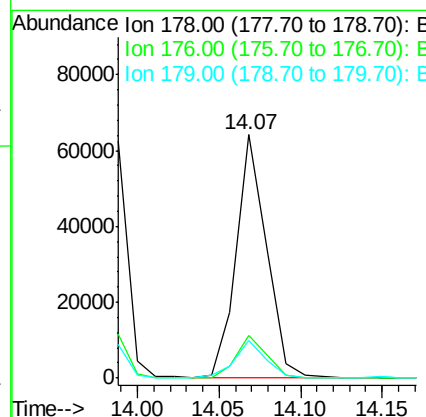
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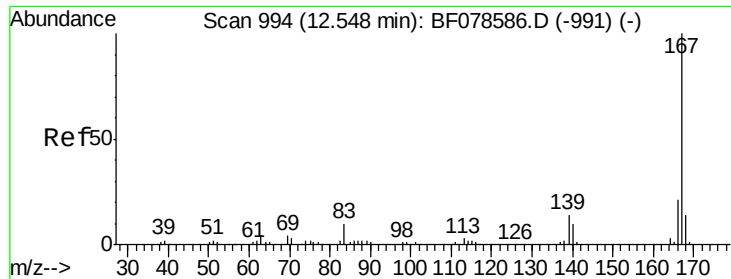
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#71
Anthracene
Concen: 12.19 ng
RT: 14.07 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.8	22.2
179	15.6	12.4	18.6





#72

Carbazole

Concen: 8.98 ng

RT: 14.40 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF078667.D

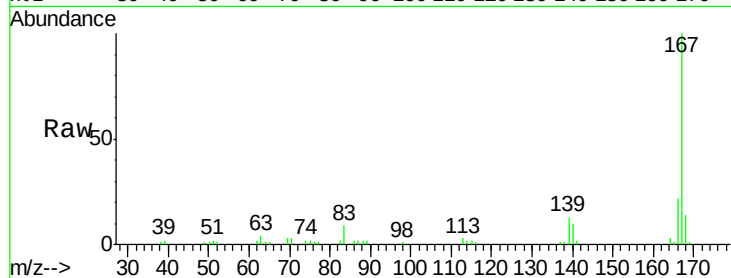
Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

ClientSampleId :

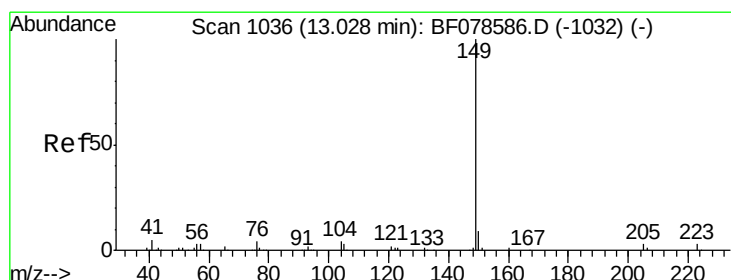
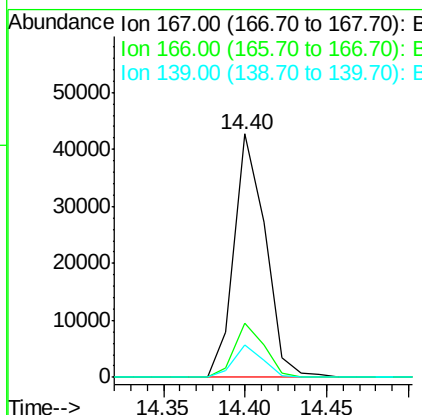
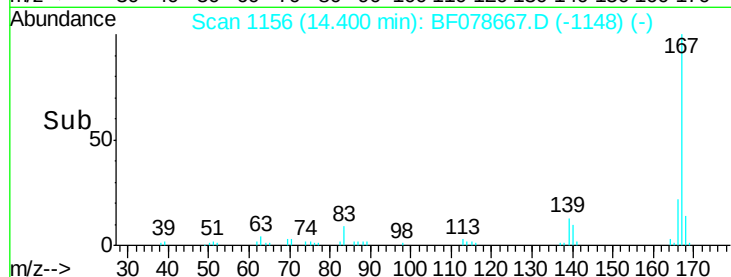
SP-A-1MSD



Tot Ion:	167	Resp:	56640
Ion Ratio	Lower	Upper	
167	100		
166	22.4	16.8	25.2
139	13.2	10.0	15.0

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#73

Di-n-butylphthalate

Concen: 8.49 ng

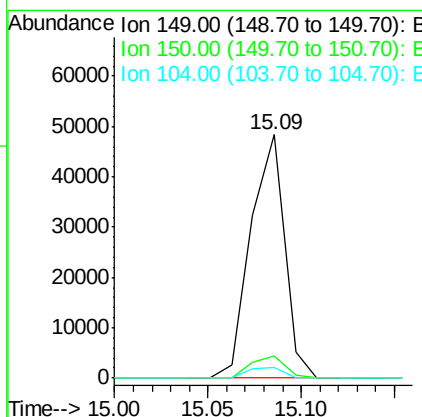
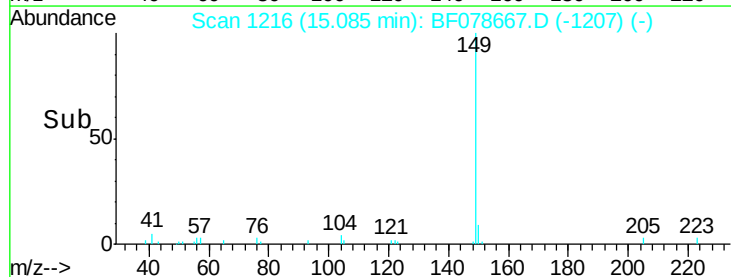
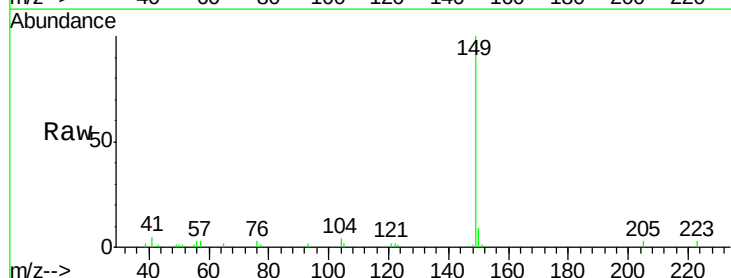
RT: 15.09 min Scan# 1216

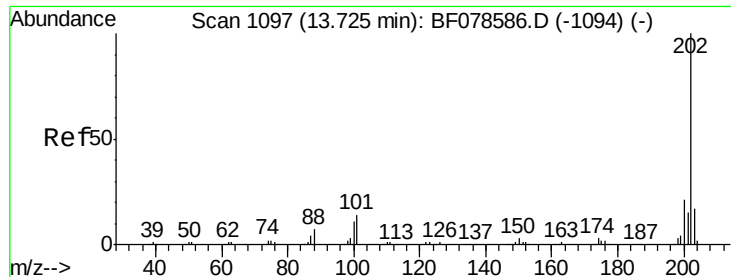
Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Tgt Ion:	149	Resp:	60684
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.1	10.7
104	4.3	3.8	5.6





#74

Fluoranthene

Concen: 41.91 ng

RT: 15.86 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

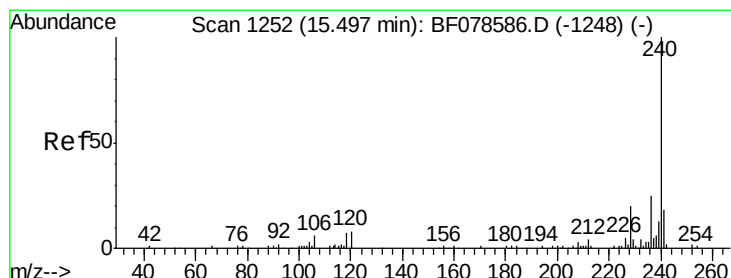
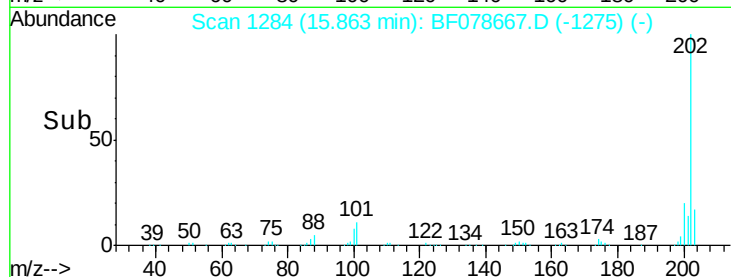
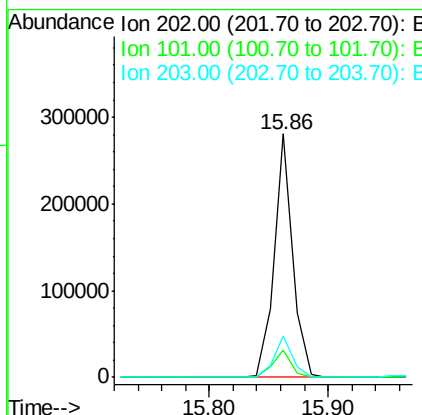
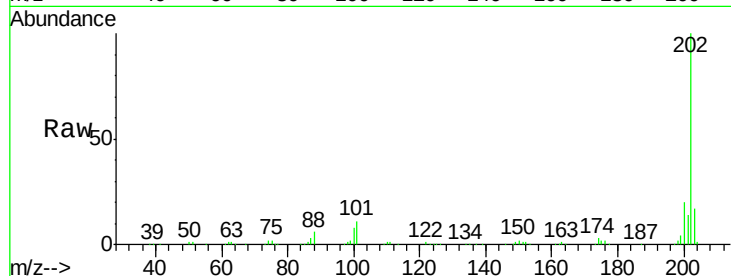
ClientSampleId :

SP-A-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	35.2
203	17.2	0.0	38.5

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#75

Chrysene-d12

Concen: 20.00 ng

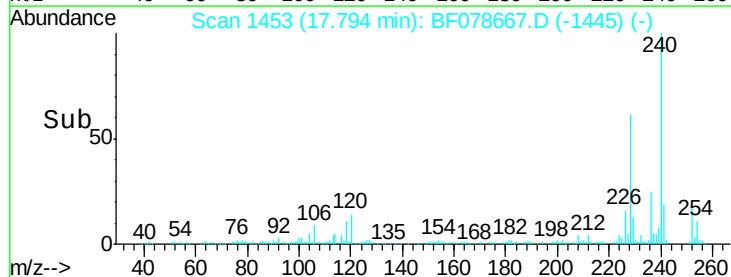
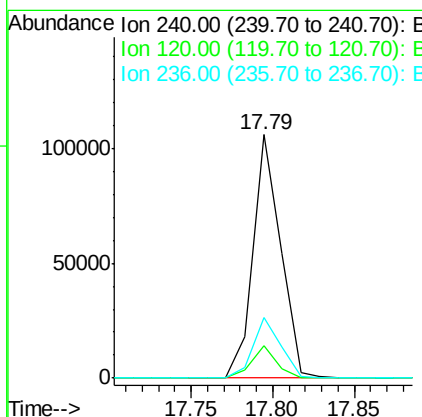
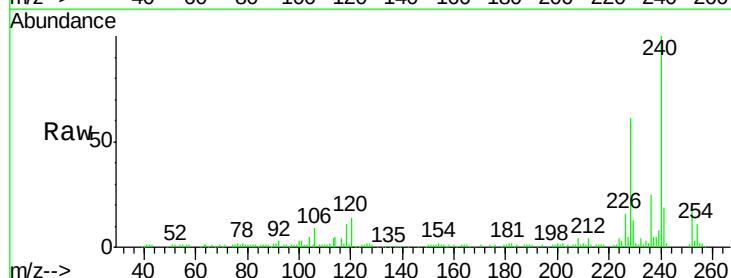
RT: 17.79 min Scan# 1453

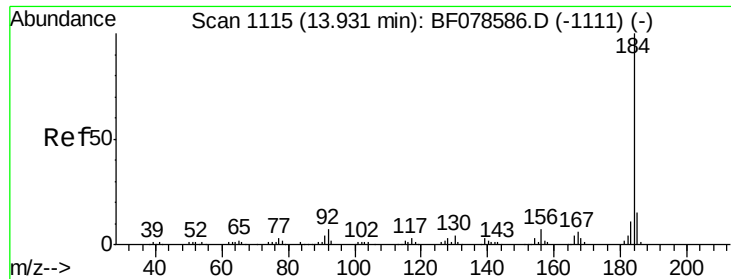
Delta R.T. -0.01 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	7.1	10.7#
236	24.9	21.4	32.2





#76

Benzidine

Concen: 4.05 ng

RT: 16.13 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

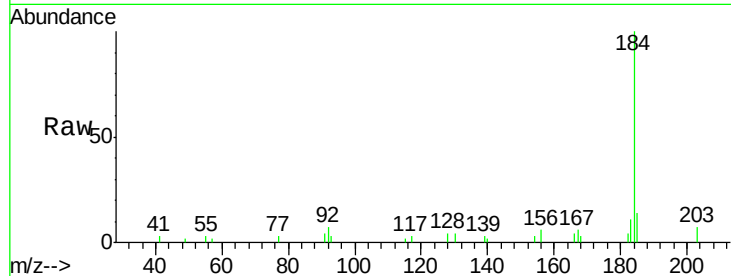
ClientSampleId :

SP-A-1MSD

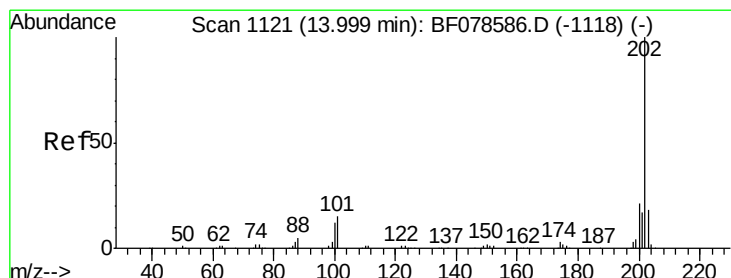
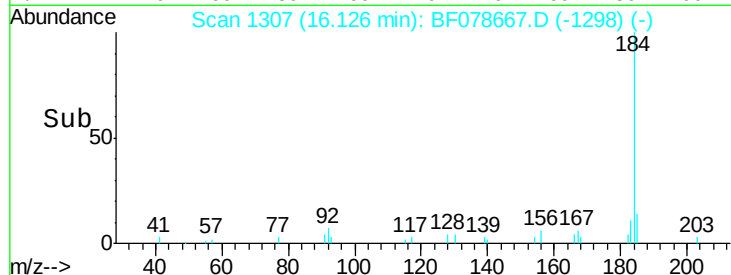
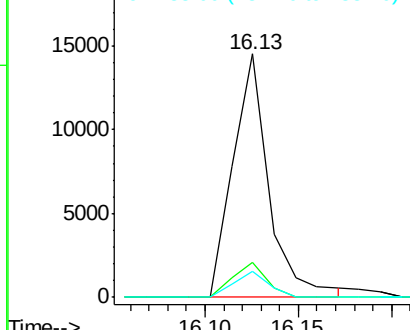
Tot Ion:	184	Resp:	19515
Ion Ratio		Lower	Upper
184	100		
185	14.5	12.2	18.2
183	10.9	9.5	14.3

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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: 34.63 ng

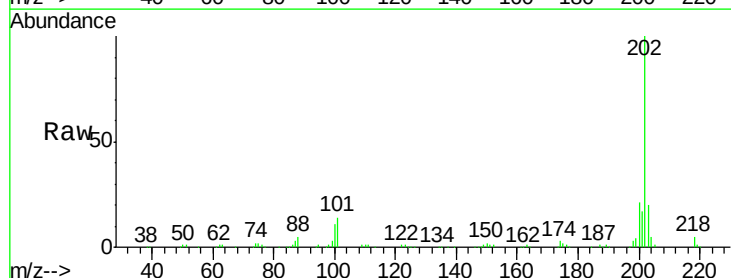
RT: 16.17 min Scan# 1311

Delta R.T. 0.00 min

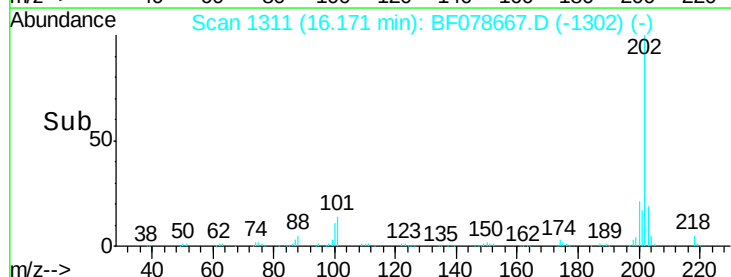
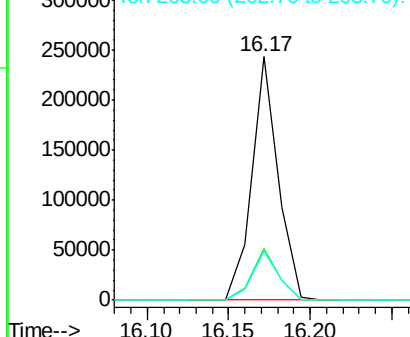
Lab File: BF078667.D

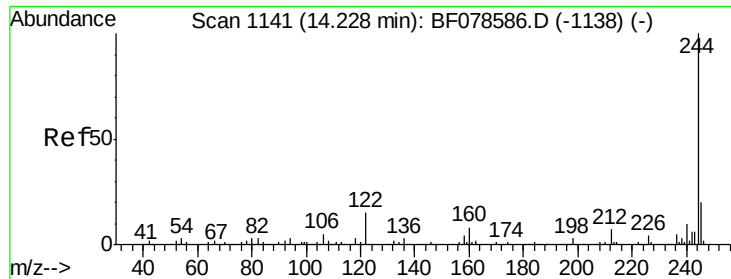
Acq: 21 Apr 2015 4:52

Tgt Ion:	202	Resp:	272113
Ion Ratio		Lower	Upper
202	100		
200	21.1	16.3	24.5
203	20.1	13.8	20.6



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





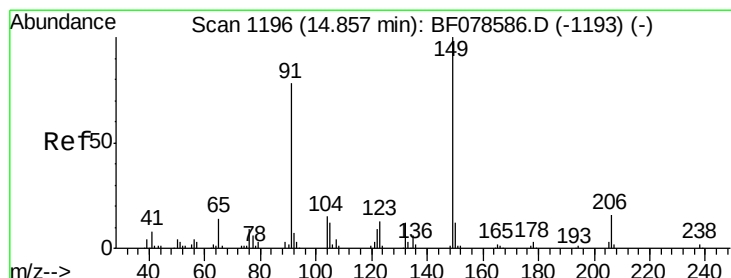
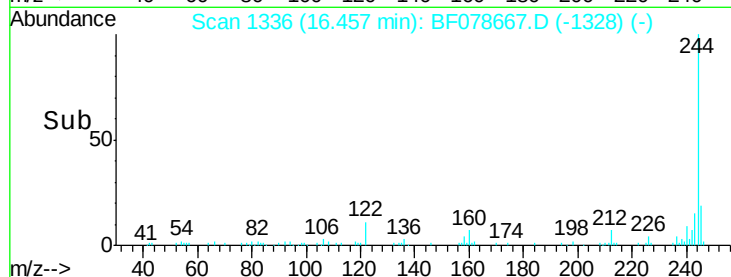
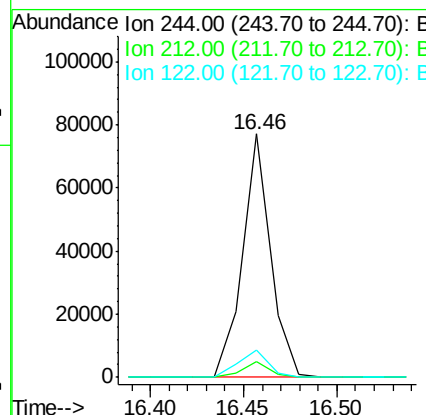
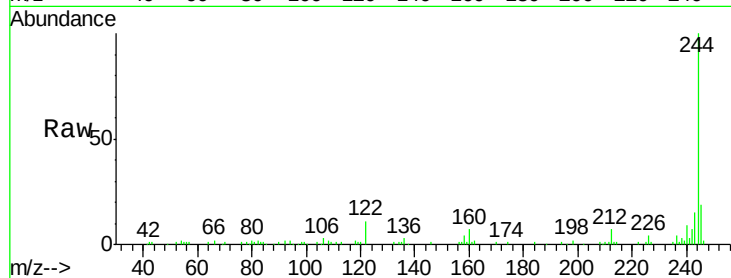
#78
 Terphenyl-d14
 Concen: 14.64 ng
 RT: 16.46 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Instrument :
 BNA_F
 ClientSampleID :
 SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	11.1	7.1	10.7

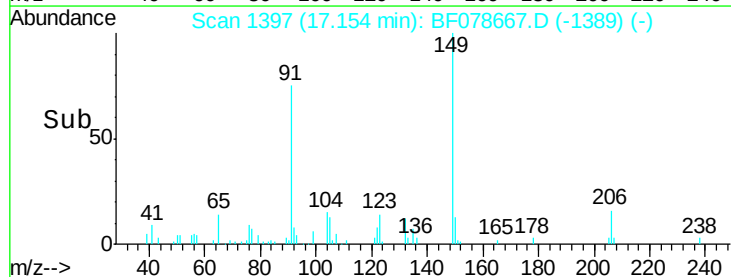
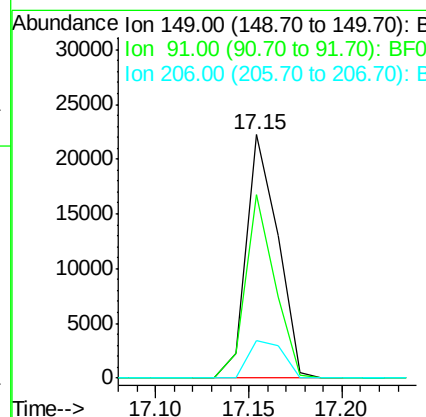
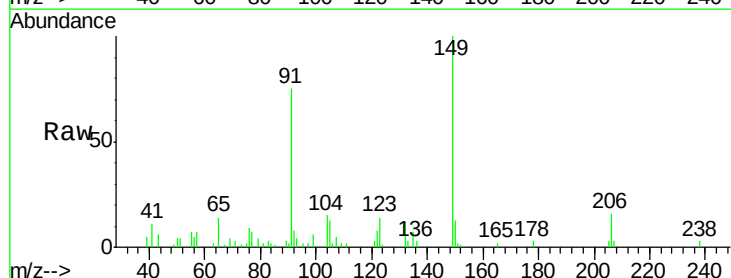
Manual Integrations
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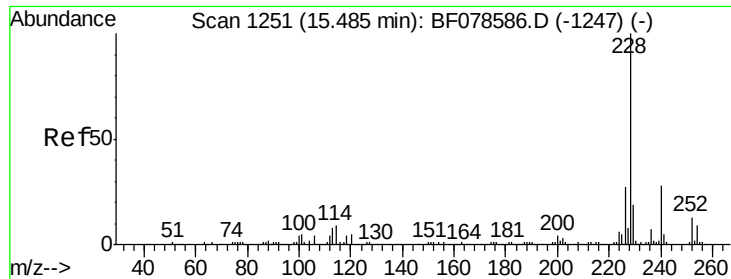
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#79
 Butylbenzylphthalate
 Concen: 8.69 ng
 RT: 17.15 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF078667.D
 Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	64.2	96.2
206	15.6	12.6	18.8





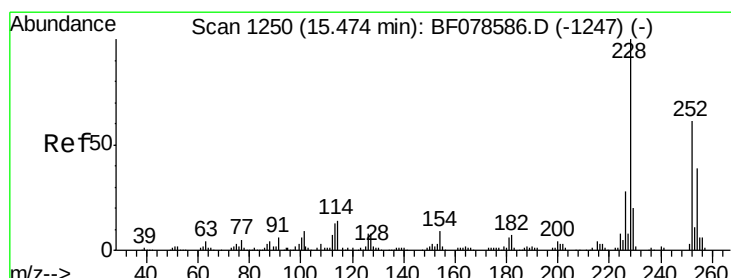
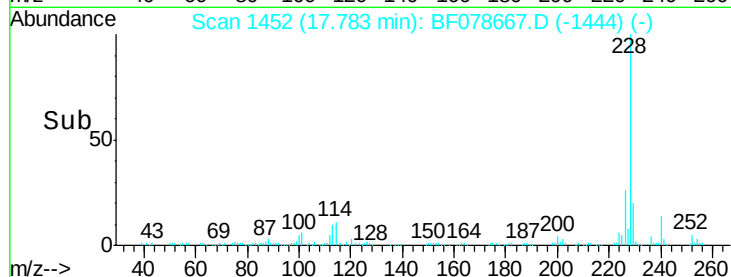
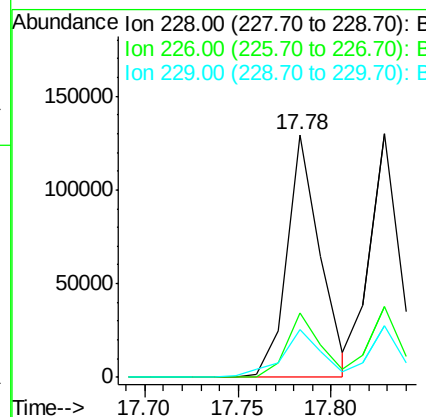
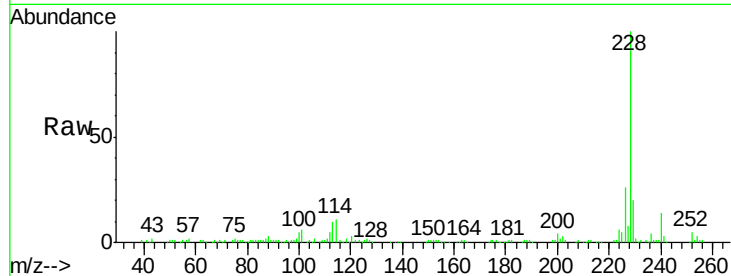
#80
Benzo(a)anthracene
Concen: 21.51 ng
RT: 17.78 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	160207		
226	26.4	21.3	31.9	
229	19.8	15.4	23.2	

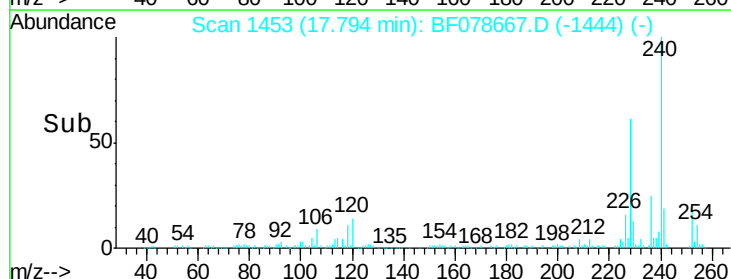
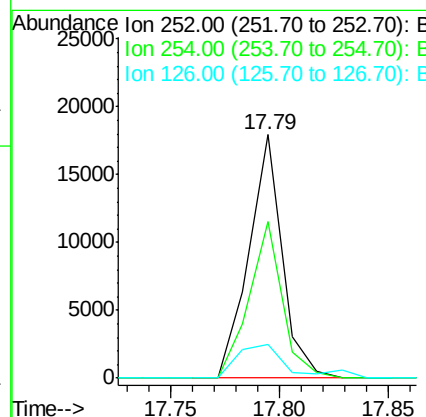
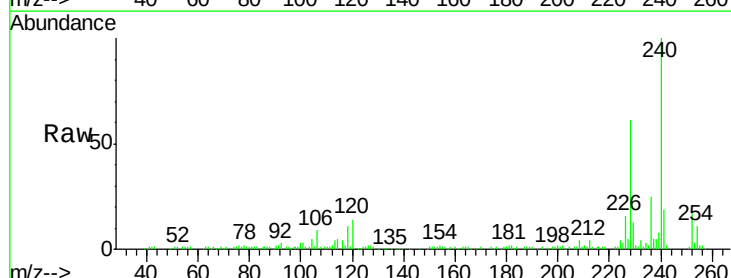
Manual Integrations
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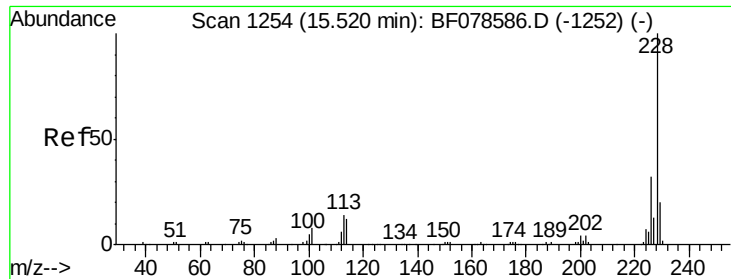
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#81
3,3'-Dichlorobenzidine
Concen: 7.67 ng
RT: 17.79 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	19142		
254	64.2	51.2	76.8	
126	13.6	6.3	9.5	





#82

Chrysene

Concen: 20.15 ng

RT: 17.83 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Instrument :

BNA_F

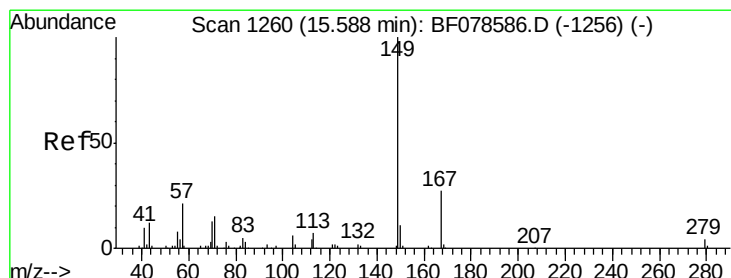
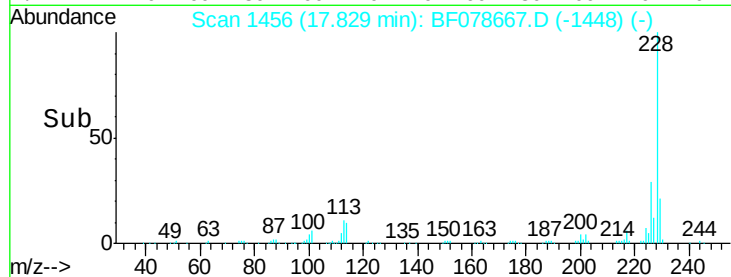
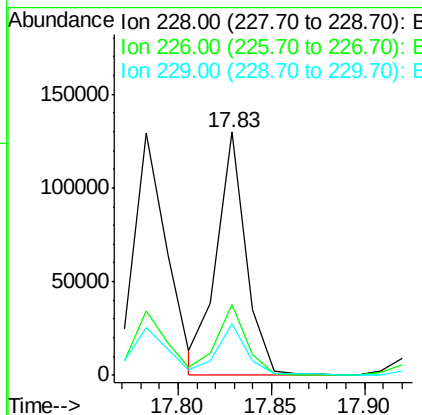
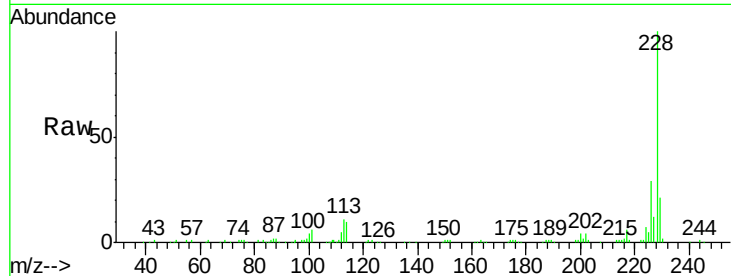
ClientSampleId :

SP-A-1MSD

Tot Ion:	228	Resp:	140988
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.2	36.4
229	21.0	15.8	23.8

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 8.57 ng

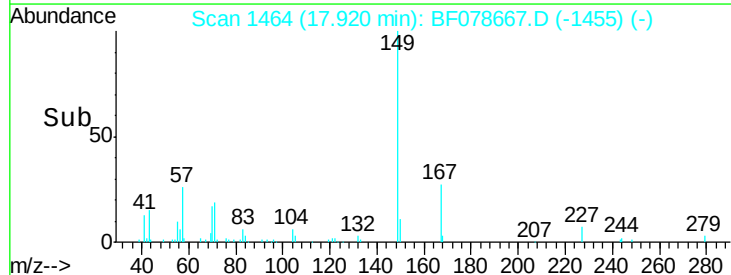
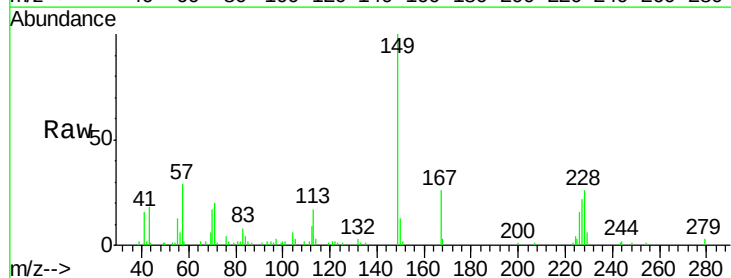
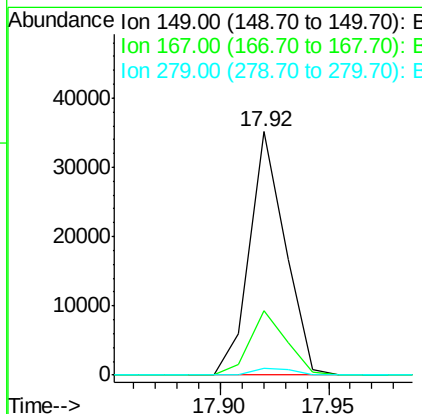
RT: 17.92 min Scan# 1464

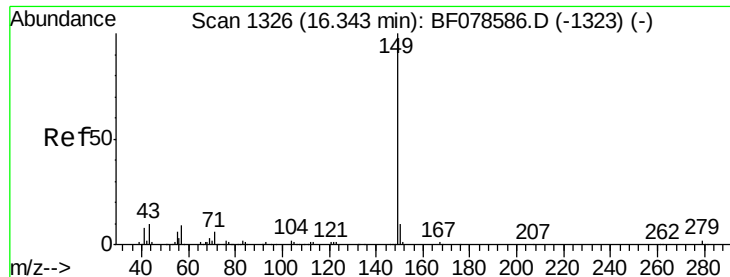
Delta R.T. 0.00 min

Lab File: BF078667.D

Acq: 21 Apr 2015 4:52

Tgt Ion:	149	Resp:	40252
Ion Ratio	Lower	Upper	
149	100		
167	26.2	22.2	33.2
279	2.7	3.2	4.8#





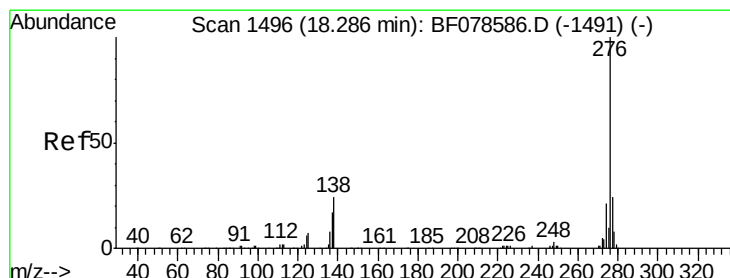
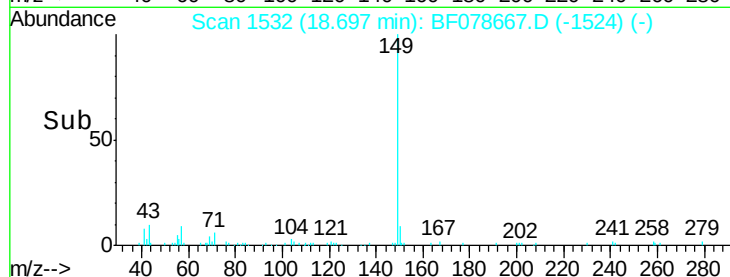
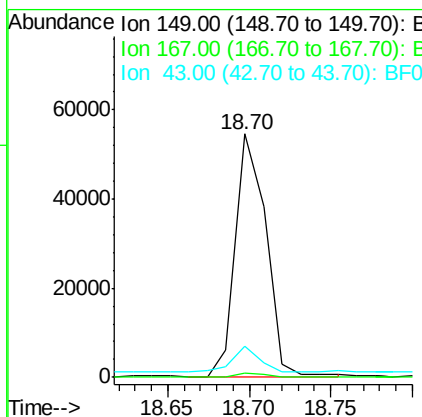
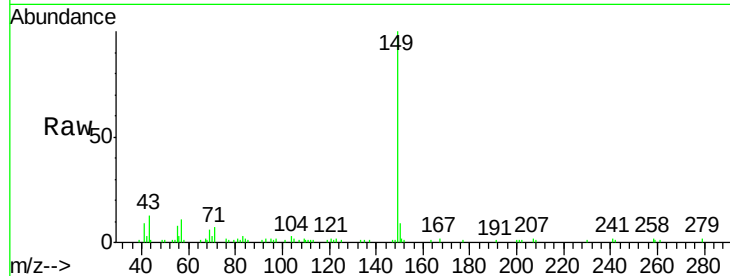
#84
Di-n-octyl phthalate
Concen: 9.21 ng
RT: 18.70 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	9.7	0.0	0.0#

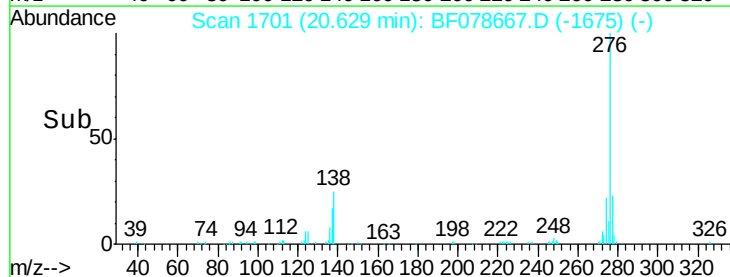
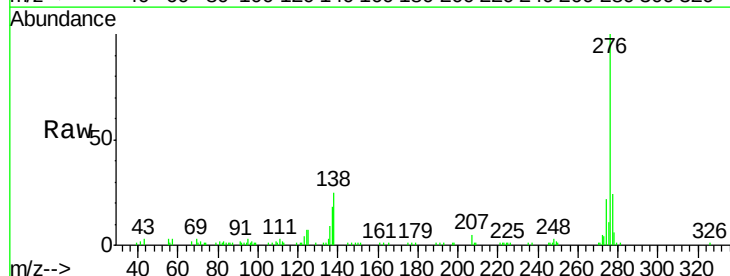
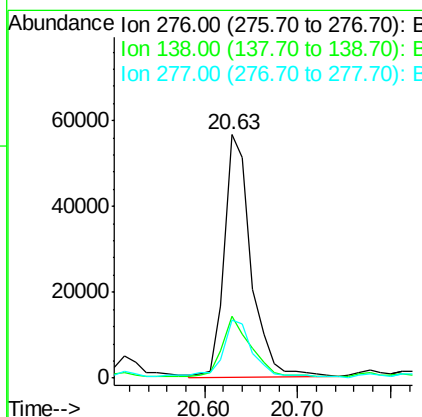
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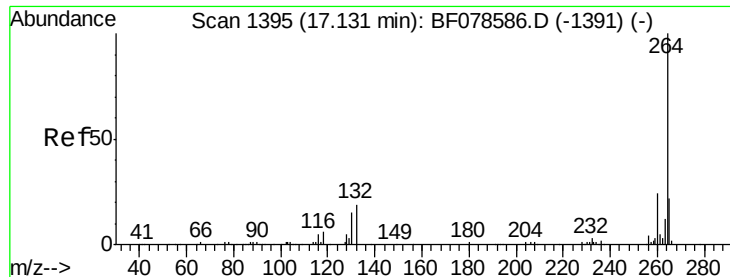
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#85
Indeno(1,2,3-cd)pyrene
Concen: 14.27 ng
RT: 20.63 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.3	16.9	25.3#
277	28.7	15.8	23.6#





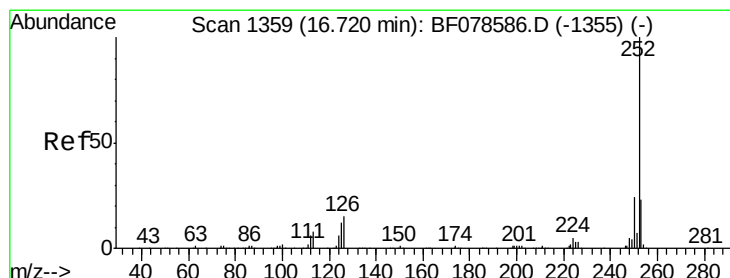
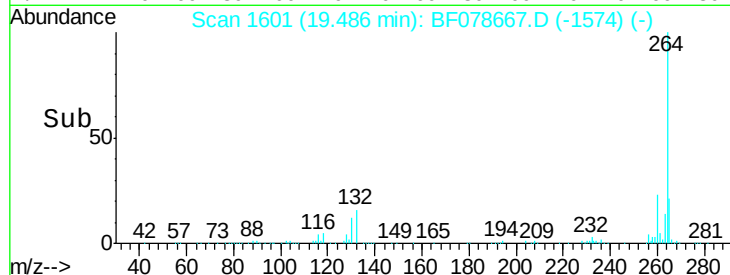
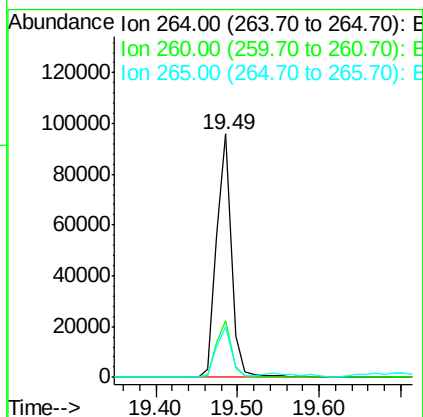
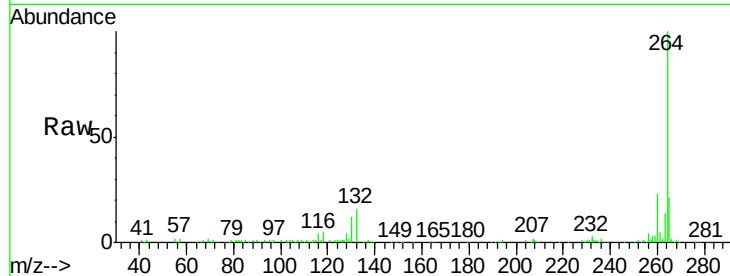
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.49 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	20.7	17.0	25.6

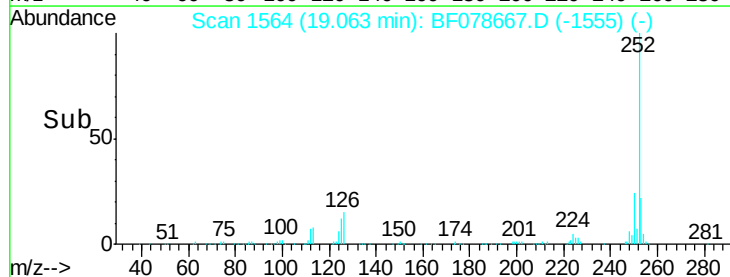
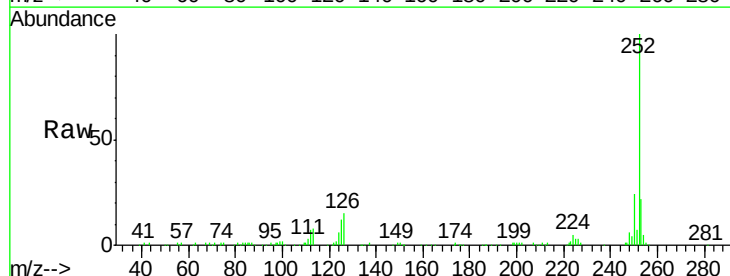
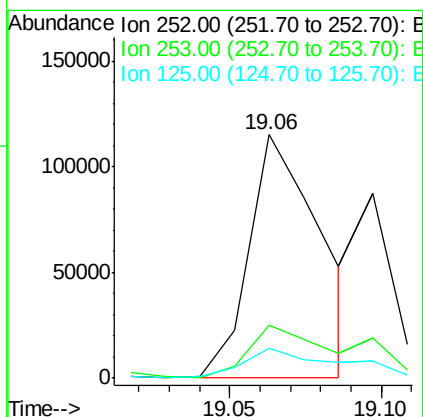
Manual Integrations
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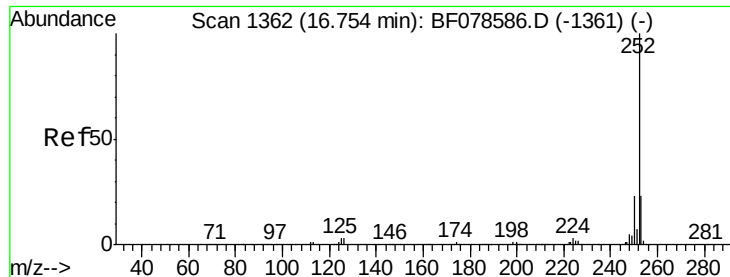
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#87
Benzo(b)fluoranthene
Concen: 25.08 ng m
RT: 19.06 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.2	7.0	10.4





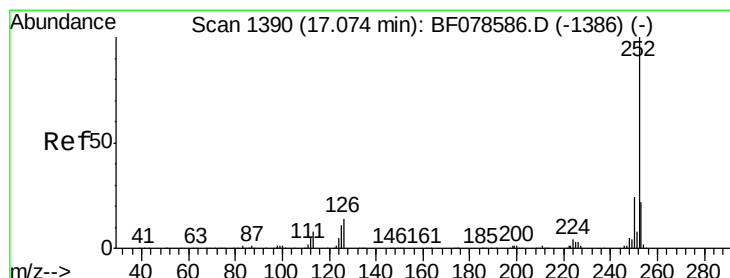
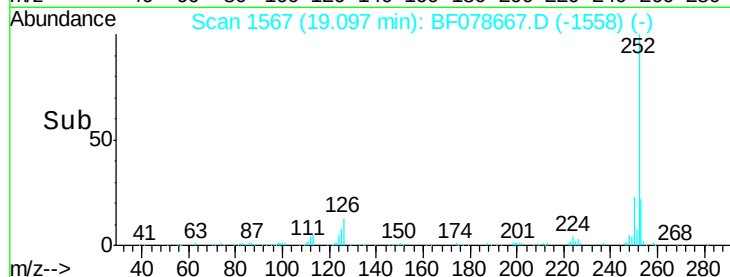
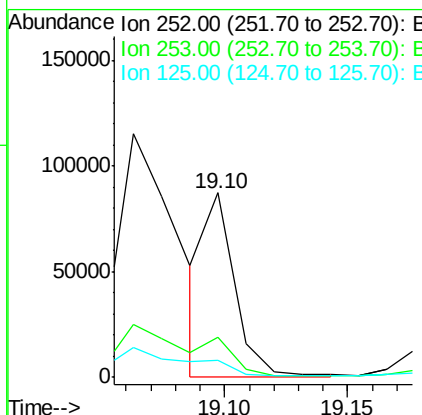
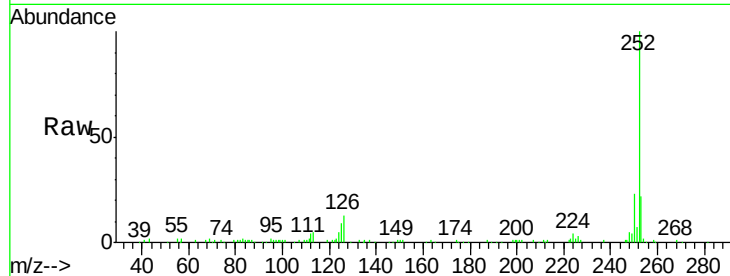
#88
Benzo(k)fluoranthene
Concen: 11.08 ng m
RT: 19.10 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.9	11.6	17.4

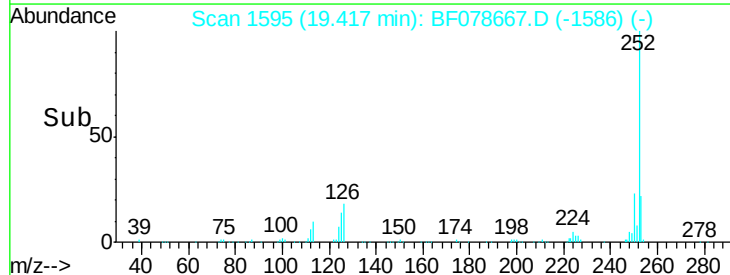
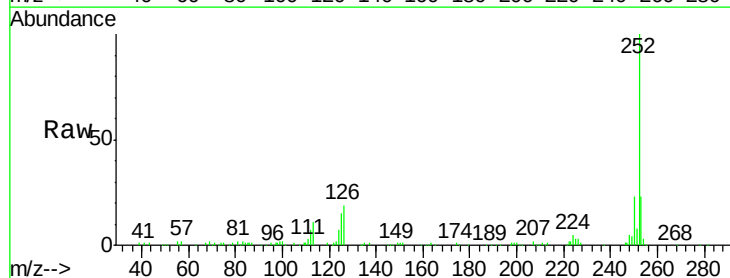
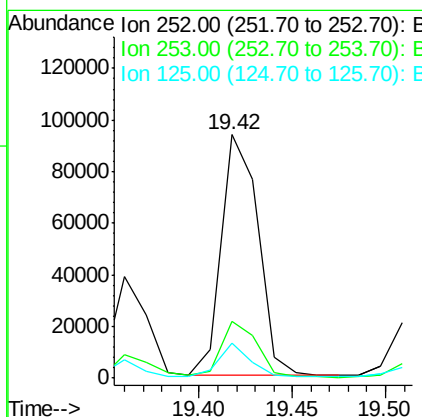
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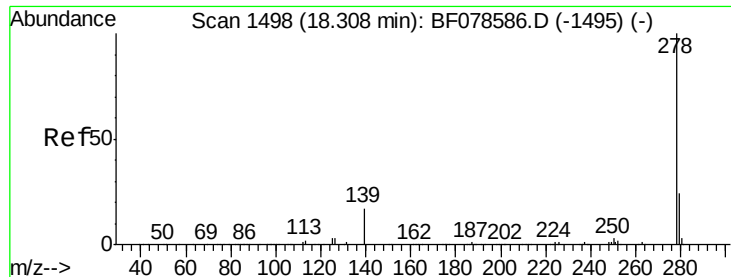
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#89
Benzo(a)pyrene
Concen: 19.58 ng
RT: 19.42 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.8	25.2
125	14.6	7.4	11.0





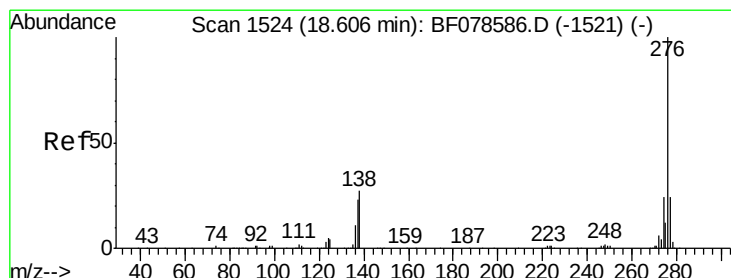
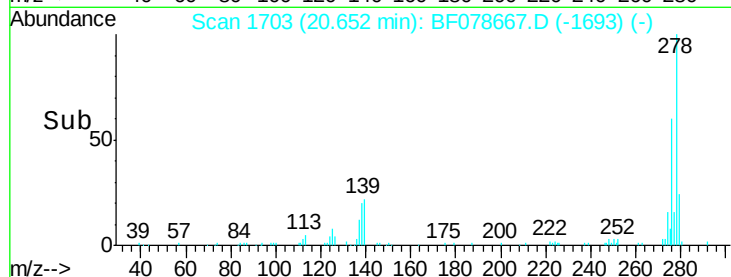
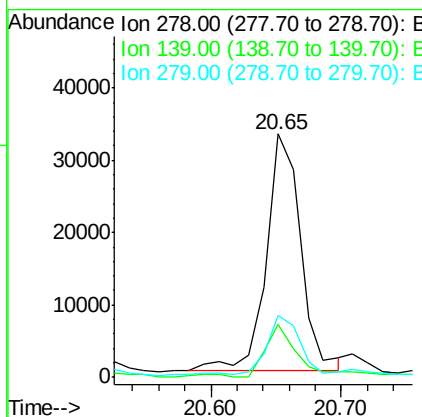
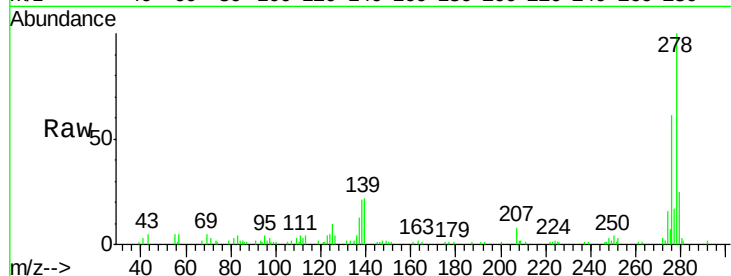
#90
Dibenzo(a,h)anthracene
Concen: 9.14 ng
RT: 20.65 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.0	13.6	20.4
279	25.4	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 14.60 ng
RT: 20.95 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	24.9	19.9	29.9

