

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040219\
 Data File : BF113503.D
 Acq On : 2 Apr 2019 14:02
 Operator : JU/SJ
 Sample : K2040-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Manual Integrations
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 4/3/2019 4:27:23 AM

Quant Time: Apr 03 02:23:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	150555	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	562059	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	278803	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	567292	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	388364	20.00	ng	-0.01
87) Perylene-d12	15.23	264	366416	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1086372	117.99	ng	0.00
7) Phenol-d6	6.35	99	1398256	120.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	862353	91.07	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	427760	124.21	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1573620	89.37	ng	-0.01
79) Terphenyl-d14	12.79	244	1682539	95.49	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.39	88	154041	32.974	ng	98
3) Pyridine	3.10	79	401879	34.895	ng	98
4) n-Nitrosodimethylamine	3.03	42	194200	37.931	ng	92
6) Aniline	6.36	93	228227	16.090	ng	# 1
8) 2-Chlorophenol	6.49	128	408093	38.167	ng	98
9) Benzaldehyde	6.24	77	107882	13.802	ng	98
10) Phenol	6.36	94	511422	38.459	ng	80
11) bis(2-Chloroethyl)ether	6.43	93	394021	38.655	ng	100
12) 1,3-Dichlorobenzene	6.63	146	437970	38.000	ng	99
13) 1,4-Dichlorobenzene	6.71	146	444799	39.970	ng	98
14) 1,2-Dichlorobenzene	6.86	146	413396	37.759	ng	99
15) Benzyl Alcohol	6.85	79	322961	42.028	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	613114	40.039	ng	84
17) 2-Methylphenol	6.96	107	332097	39.632	ng	98
18) Hexachloroethane	7.20	117	159107	39.806	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	282034	38.547	ng	99
20) 3+4-Methylphenols	7.12	107	428712	44.451	ng	92
22) Acetophenone	7.10	105	566387	44.187	ng	97
24) Nitrobenzene	7.28	77	428289	43.342	ng	99
25) Isophorone	7.52	82	804565	43.841	ng	100
26) 2-Nitrophenol	7.60	139	231533	44.328	ng	91
27) 2,4-Dimethylphenol	7.65	122	372798	49.617	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	507830	43.942	ng	99
29) 2,4-Dichlorophenol	7.85	162	364426	44.757	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	383026	43.602	ng	97
31) Naphthalene	8.00	128	1199226	43.661	ng	99
32) Benzoic acid	7.75	122	43866	7.253	ng	99
33) 4-Chloroaniline	8.05	127	85927	8.023	ng	98
34) Hexachlorobutadiene	8.12	225	221833	42.487	ng	99
35) Caprolactam	8.42	113	119748m	45.824	ng	
36) 4-Chloro-3-methylphenol	8.55	107	373145	45.564	ng	100
37) 2-Methylnaphthalene	8.69	142	800303	46.697	ng	99
38) 1-Methylnaphthalene	8.79	142	756008	45.862	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	377785	42.213	ng	99

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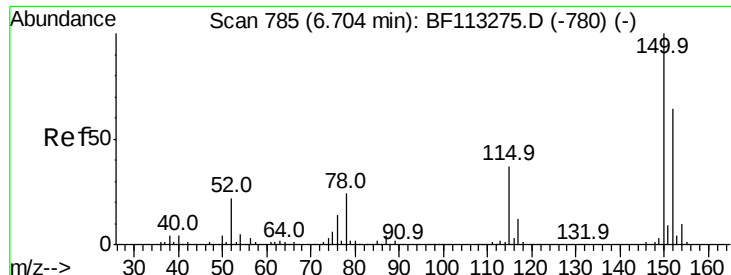
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	267687	70.665	nq	100
43) 2,4,6-Trichlorophenol	8.97	196	258135	44.293	nq	100
44) 2,4,5-Trichlorophenol	9.02	196	275774	42.758	nq	98
46) 1,1'-Biphenyl	9.15	154	980321	42.100	nq	99
47) 2-Chloronaphthalene	9.17	162	758254	42.293	nq	99
48) 2-Nitroaniline	9.27	65	240789	42.797	nq	97
49) Acenaphthylene	9.59	152	1213909	41.875	nq	100
50) Dimethylphthalate	9.45	163	1043225	50.491	nq	99
51) 2,6-Dinitrotoluene	9.52	165	202621	43.470	nq	99
52) Acenaphthene	9.76	154	699793	42.866	nq	99
53) 3-Nitroaniline	9.68	138	112657	21.432	nq	92
54) 2,4-Dinitrophenol	9.80	184	116080	50.071	nq	# 86
55) Dibenzofuran	9.93	168	1048065	42.704	nq	96
56) 4-Nitrophenol	9.87	139	270737	72.244	nq	97
57) 2,4-Dinitrotoluene	9.93	165	253544	42.773	nq	97
58) Fluorene	10.27	166	821635	43.095	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	232163	42.566	nq	98
60) Diethylphthalate	10.15	149	894906	44.152	nq	99
61) 4-Chlorophenyl-phenylether	10.26	204	403077	43.378	nq	95
62) 4-Nitroaniline	10.30	138	227170	41.975	nq	98
63) Azobenzene	10.42	77	821046	43.033	nq	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	107278	34.569	nq	99
66) n-Nitrosodiphenylamine	10.39	169	756878	43.480	nq	100
67) 4-Bromophenyl-phenylether	10.75	248	267969	43.340	nq	95
68) Hexachlorobenzene	10.82	284	311725	43.435	nq	# 93
69) Atrazine	10.92	200	246216	44.812	nq	98
70) Pentachlorophenol	11.02	266	242938	64.971	nq	97
71) Phenanthrene	11.23	178	1215869	43.159	nq	100
72) Anthracene	11.28	178	1267188	44.284	nq	100
73) Carbazole	11.44	167	1188516	43.527	nq	99
74) Di-n-butylphthalate	11.77	149	1423169	44.946	nq	100
75) Fluoranthene	12.41	202	1326673	41.657	nq	99
77) Benzidine	12.53	184	208059	13.990	nq	99
78) Pyrene	12.64	202	1315236	48.871	nq	99
80) Butylbenzylphthalate	13.26	149	576263	48.587	nq	97
81) Benzo(a)anthracene	13.83	228	935037	42.061	nq	100
82) 3,3'-Dichlorobenzidine	13.79	252	132896	14.902	nq	99
83) Chrysene	13.86	228	984157	43.585	nq	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	726875	49.992	nq	99
85) Di-n-octyl phthalate	14.42	149	1118575	45.323	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1135451	58.592	nq	98
88) Benzo(b)fluoranthene	14.84	252	956851	42.038	nq	99
89) Benzo(k)fluoranthene	14.87	252	835774	41.812	nq	98
90) Benzo(a)pyrene	15.18	252	892981	44.253	nq	99
91) Dibenzo(a,h)anthracene	16.61	278	941662	53.970	nq	99
92) Benzo(g,h,i)perylene	17.01	276	989249	56.231	nq	100

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



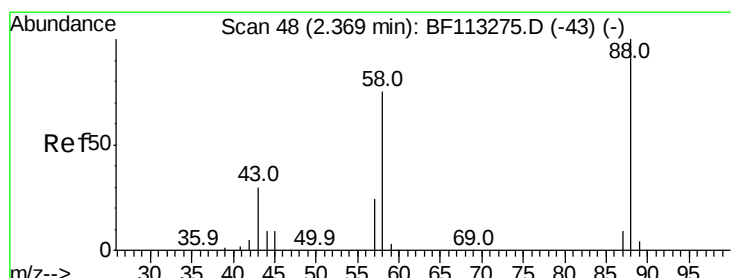
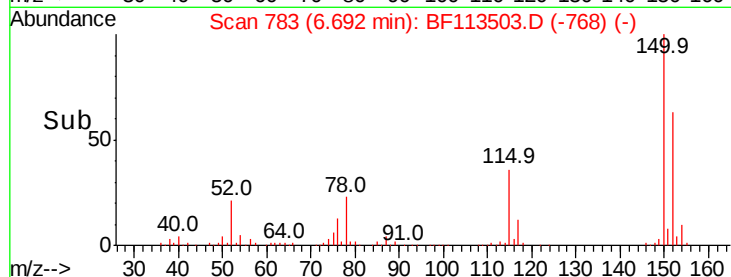
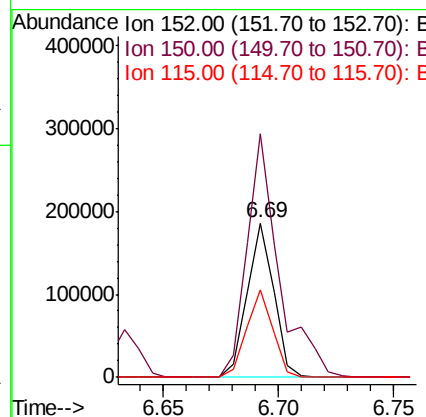
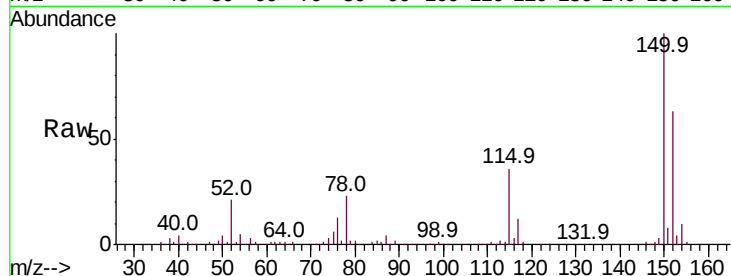
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	56.6	46.0	69.0

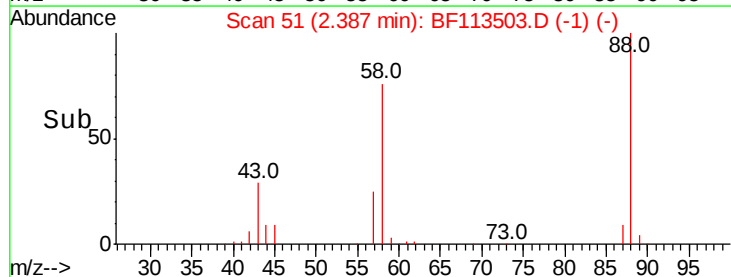
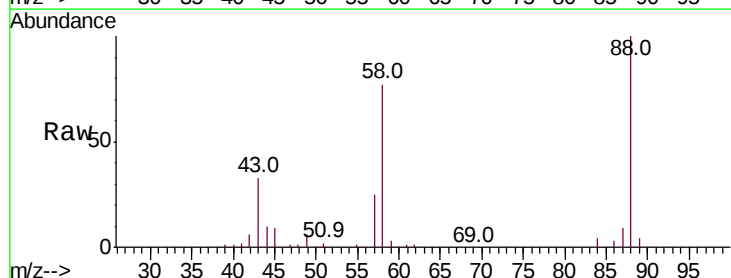
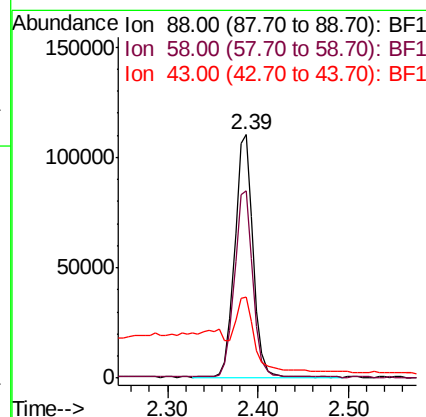
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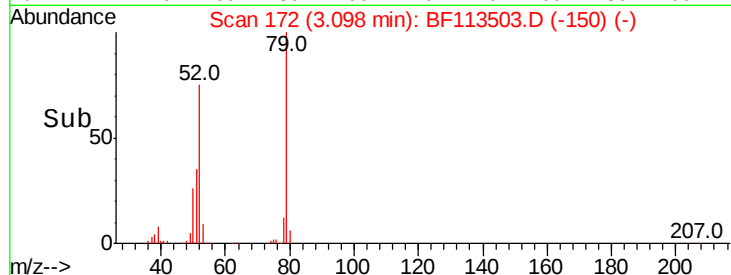
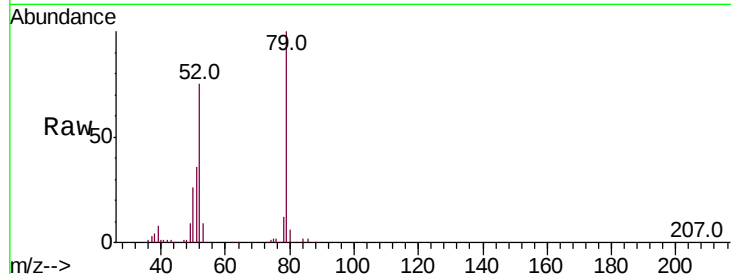
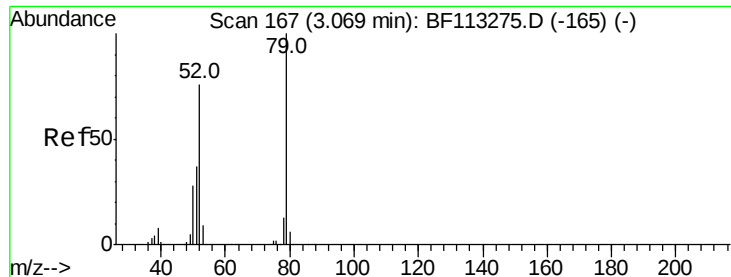
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#2
 1,4-Dioxane
 Concen: 32.974 ng
 RT: 2.39 min Scan# 51
 Delta R.T. 0.02 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	61.9	92.9
43	34.1	24.2	36.4





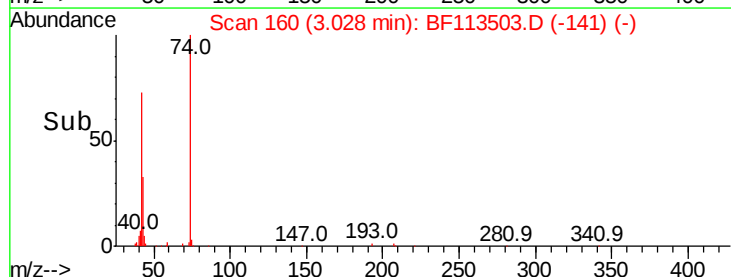
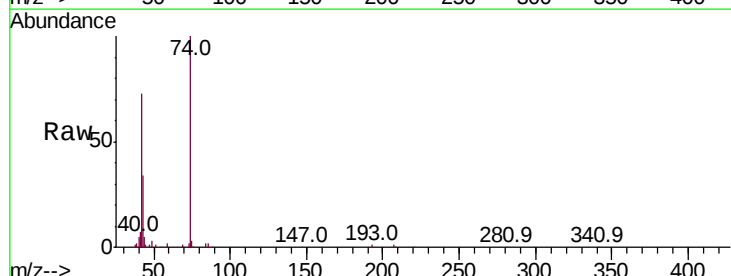
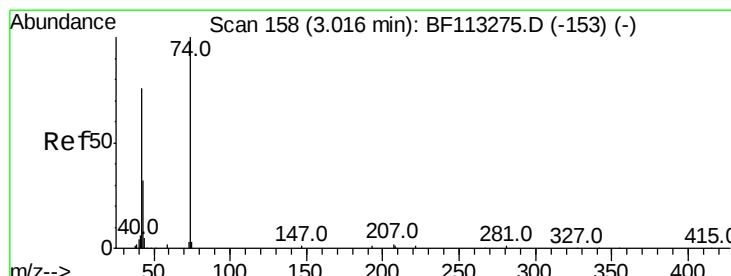
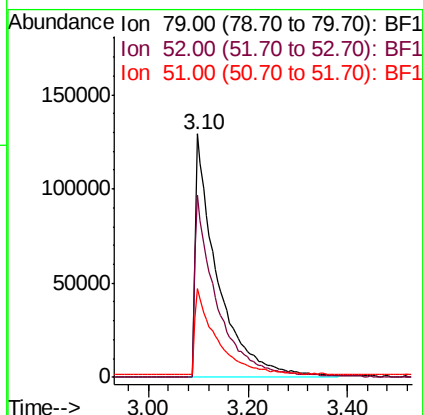
#3
Pvridine
Concen: 34.895 ng
RT: 3.10 min Scan# 172
Delta R.T. 0.03 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tot Ion	Ratio	Resp	Lower	Upper
79	100	401879		
52	74.8		61.0	91.4
51	36.2		30.6	45.8

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

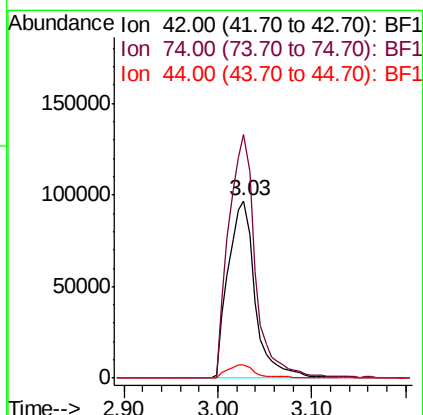
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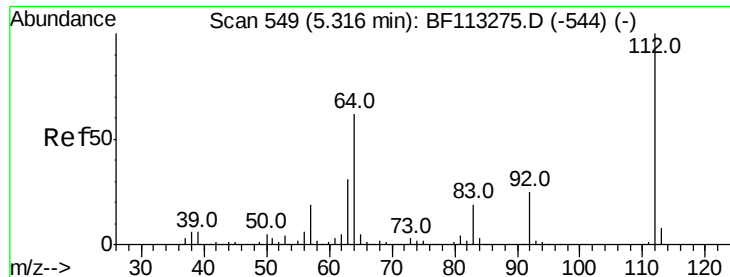
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#4
n-Nitrosodimethylamine
Concen: 37.931 ng
RT: 3.03 min Scan# 160
Delta R.T. 0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	194200		
74	137.3		102.4	153.6
44	7.2		5.5	8.3





#5

2-Fluorophenol

Concen: 117.987 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tot Ion:112 Resp: 1086372

Ion Ratio Lower Upper

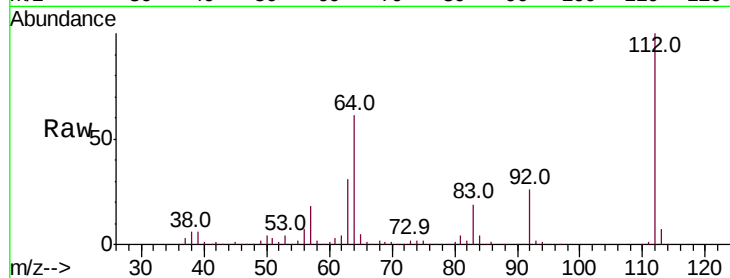
112 100

64 60.7 49.2 73.8

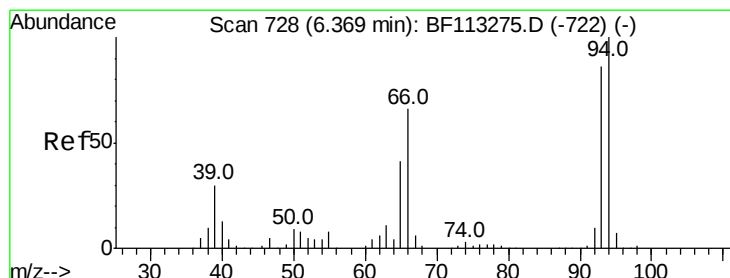
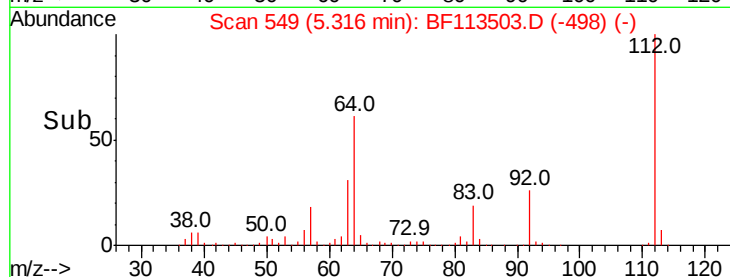
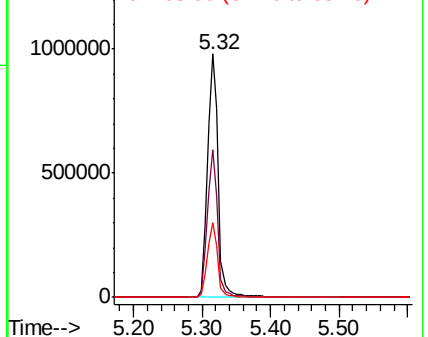
63 30.9 24.9 37.3

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.090 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

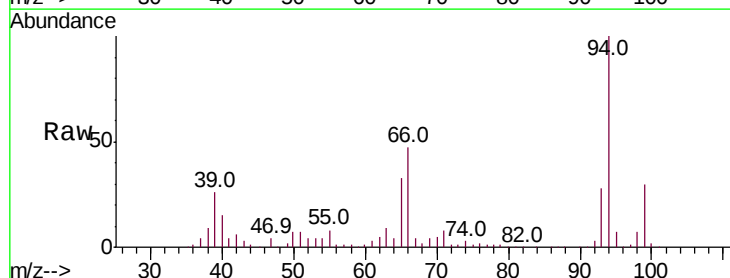
Tgt Ion: 93 Resp: 228227

Ion Ratio Lower Upper

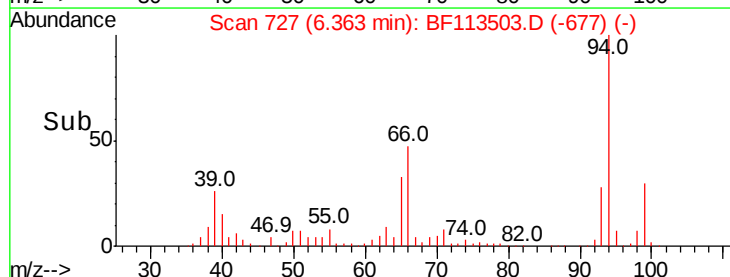
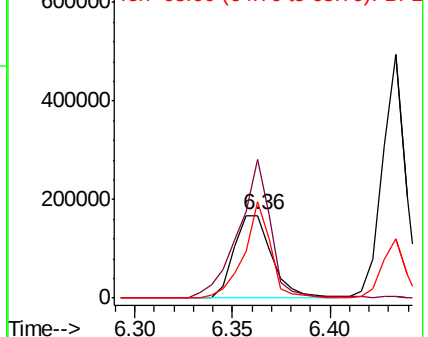
93 100

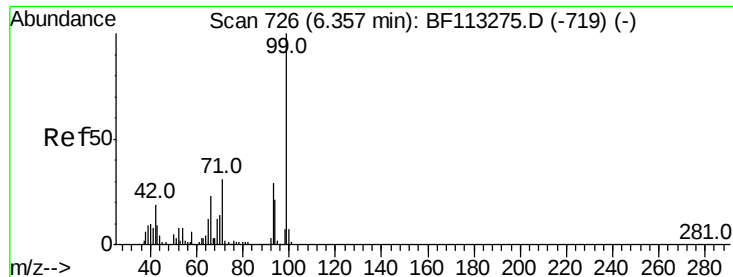
66 167.4 62.1 93.1#

65 116.5 38.7 58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.042 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tot Ion: 99 Resp: 1398256

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

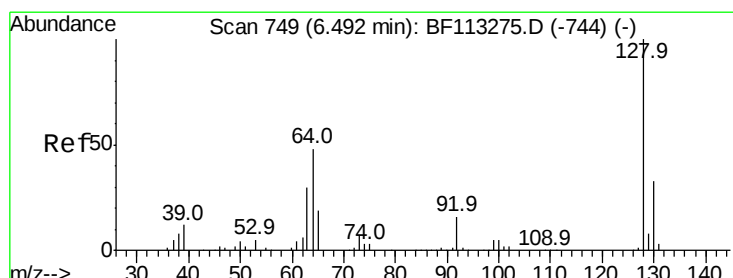
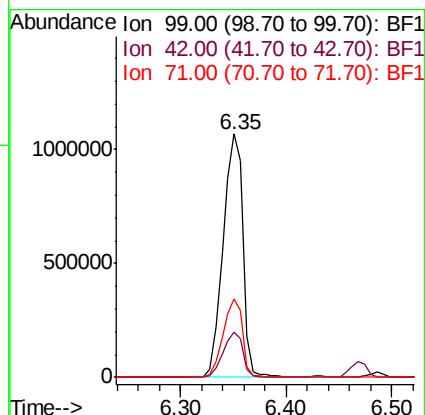
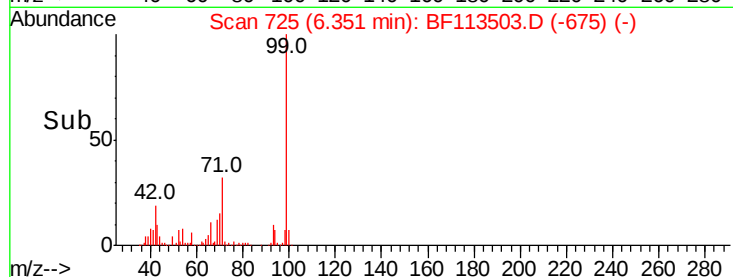
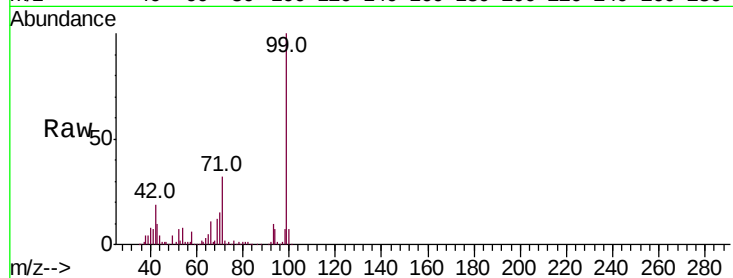
71 32.3 24.9 37.3

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#8

2-Chlorophenol

Concen: 38.167 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

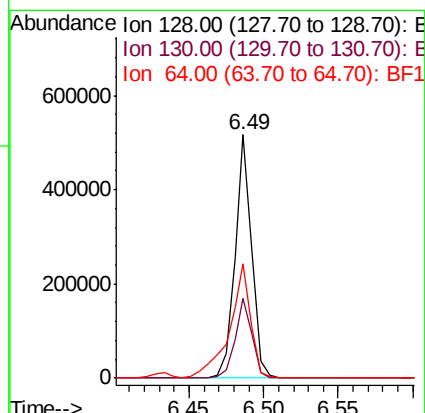
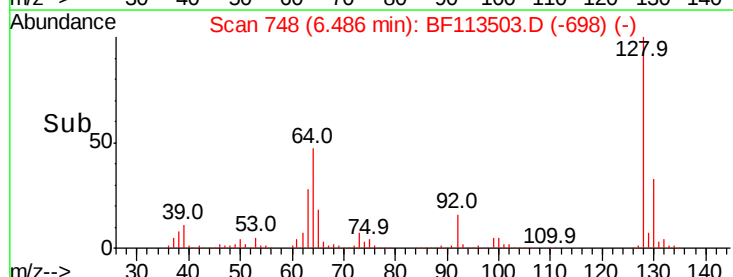
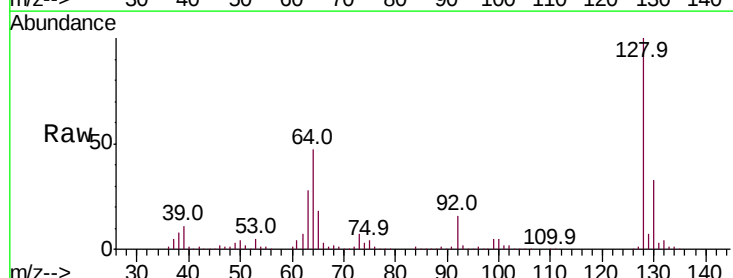
Tgt Ion:128 Resp: 408093

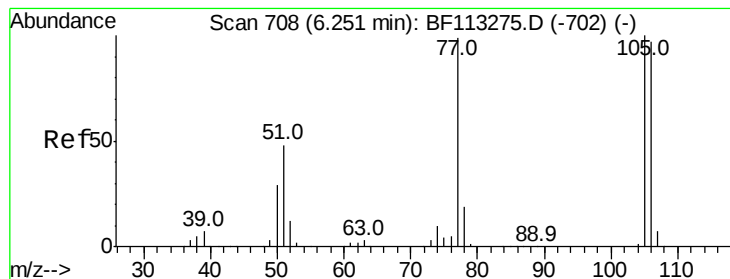
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 47.0 29.4 69.4





#9

Benzaldehyde

Concen: 13.802 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

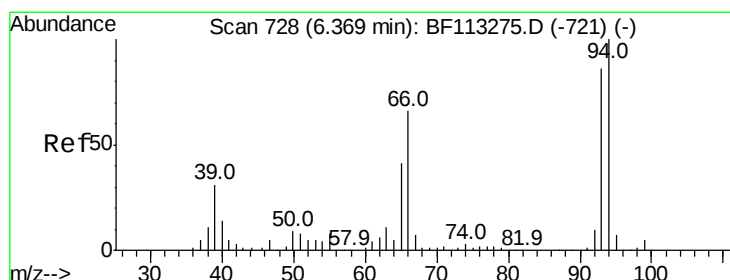
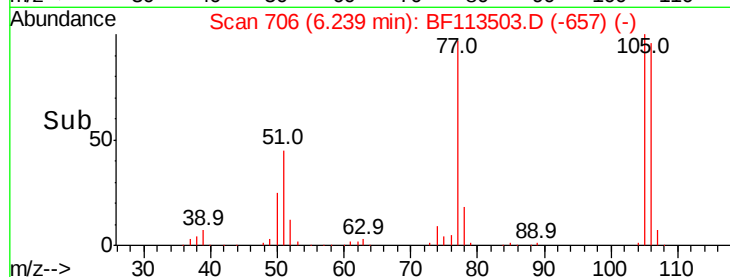
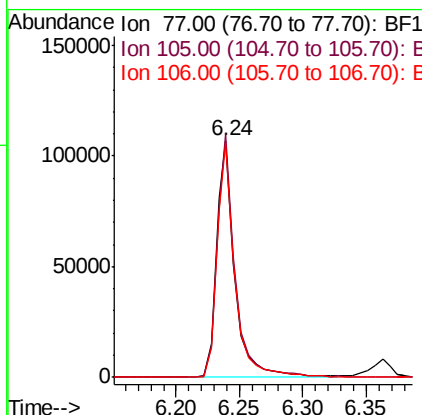
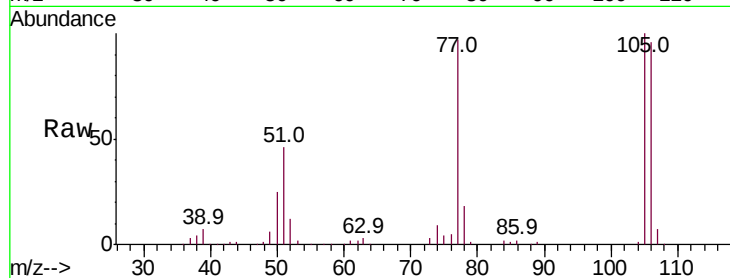
ClientSampleID :

S4B(2-10)MS

Tot Ion:	77	Resp:	107882
Ion	Ratio	Lower	Upper
77	100		
105	103.2	80.9	120.9
106	99.5	77.8	117.8

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#10

Phenol

Concen: 38.459 ng

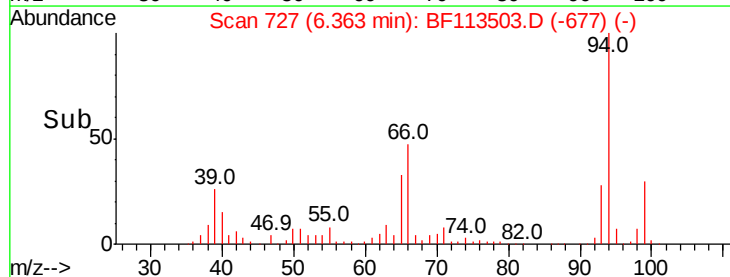
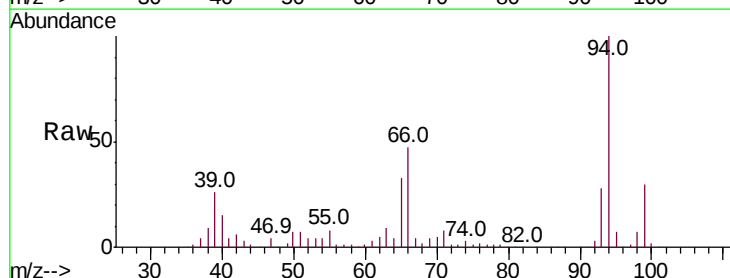
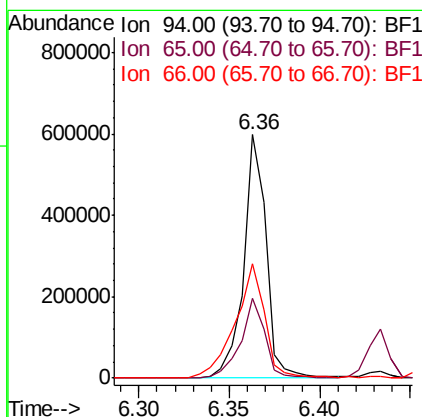
RT: 6.36 min Scan# 727

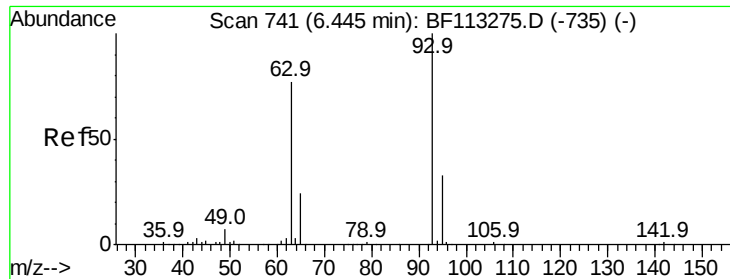
Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Tgt Ion:	94	Resp:	511422
Ion	Ratio	Lower	Upper
94	100		
65	32.6	21.4	61.4
66	46.9	46.4	86.4





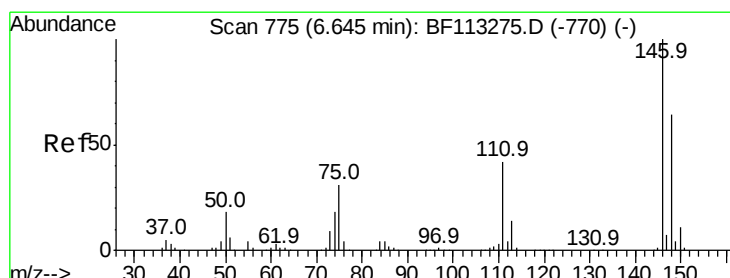
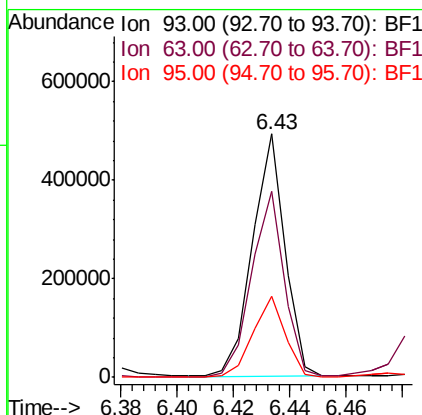
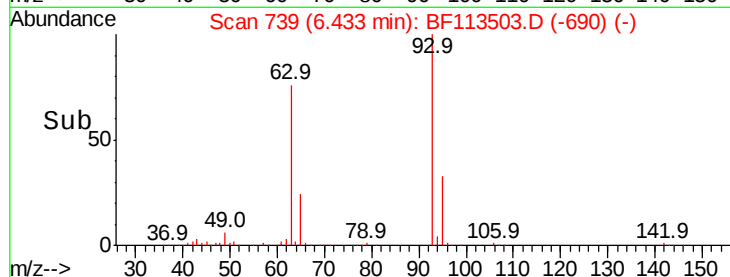
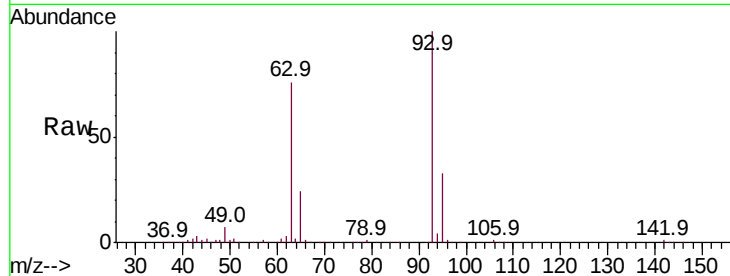
#11
bis(2-Chloroethyl)ether
Concen: 38.655 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	93	Resp	394021
Ion	Ratio	Lower	Upper
93	100		
63	76.2	56.1	96.1
95	33.1	12.8	52.8

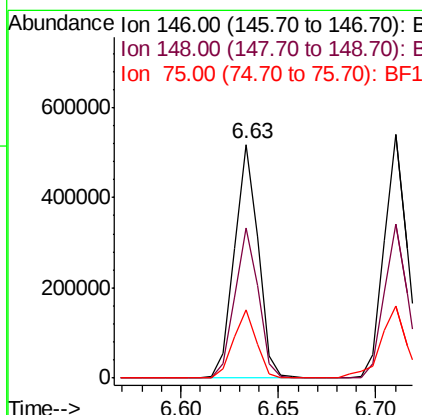
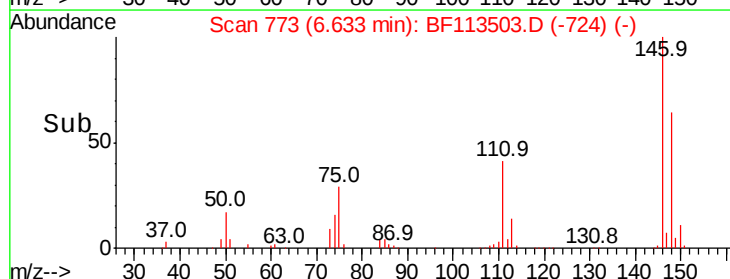
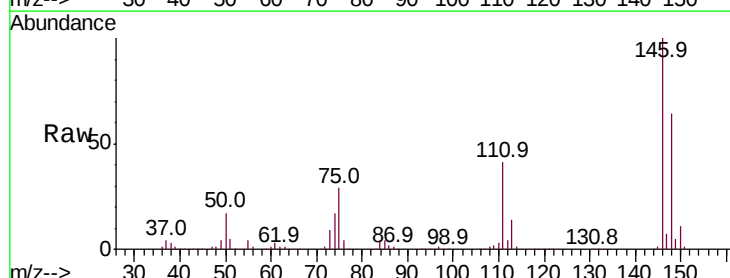
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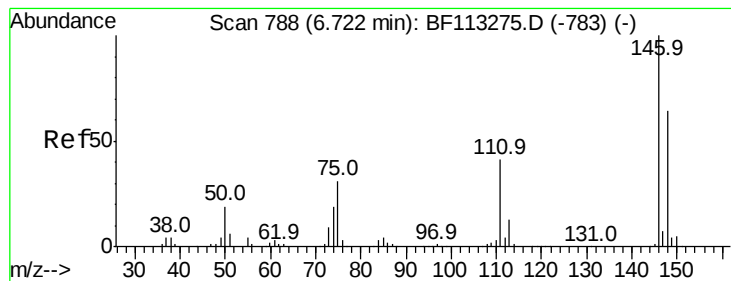
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#12
1,3-Dichlorobenzene
Concen: 38.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	146	Resp	437970
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	29.4	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 39.970 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

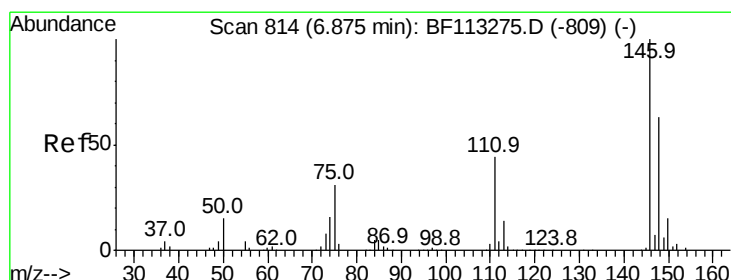
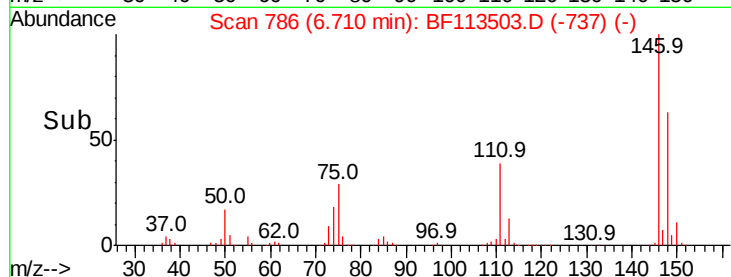
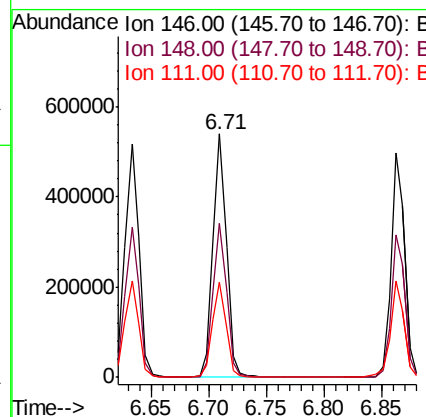
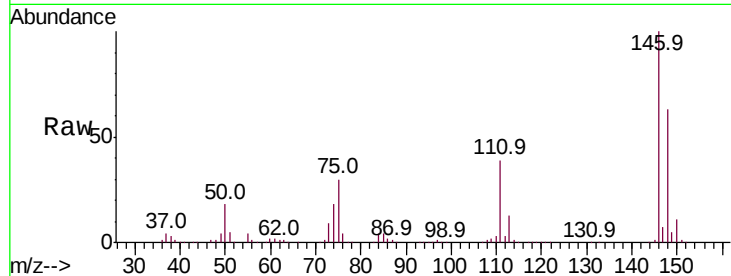
ClientSampleId :

S4B(2-10)MS

Tot Ion:	146	Resp:	444799
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.1	76.7
111	39.2	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 37.759 ng

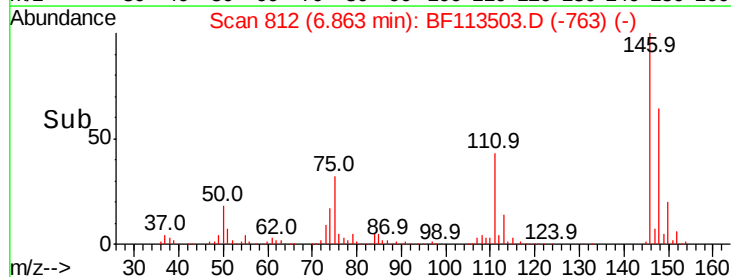
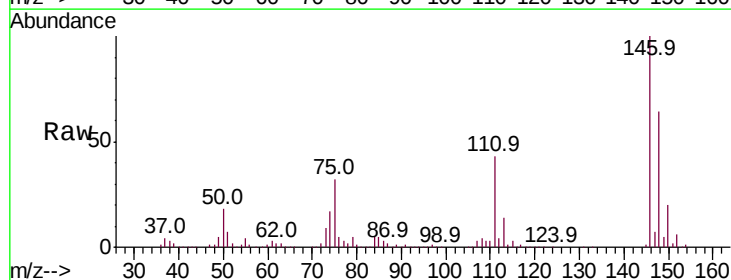
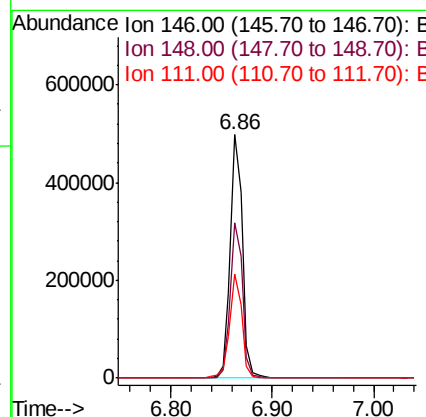
RT: 6.86 min Scan# 812

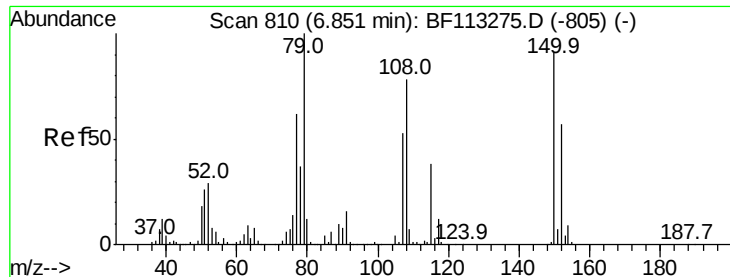
Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Tgt Ion:	146	Resp:	413396
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.2	75.4
111	43.0	35.4	53.2





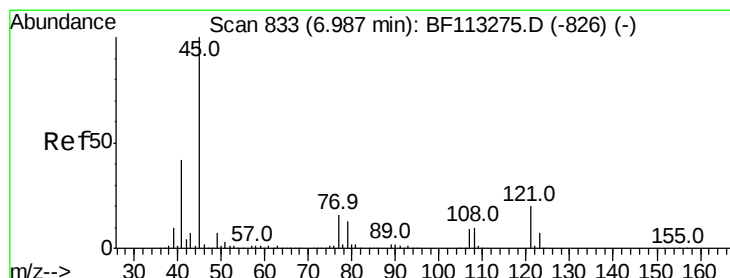
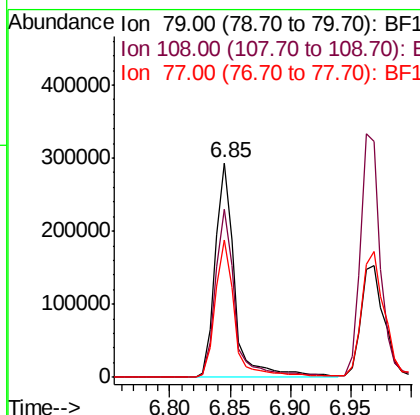
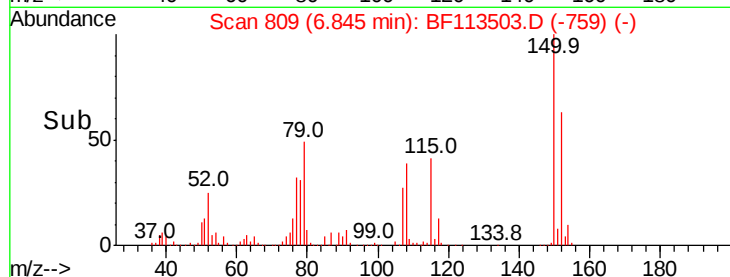
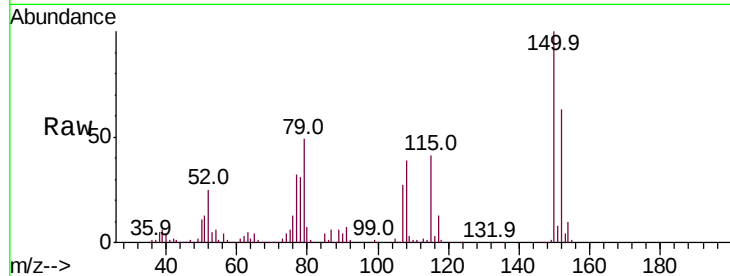
#15
Benzyl Alcohol
Concen: 42.028 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	62.0	93.0
77	64.1	49.9	74.9

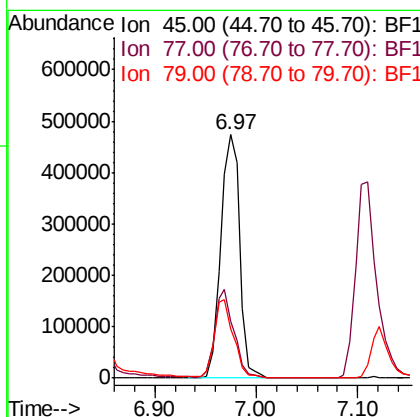
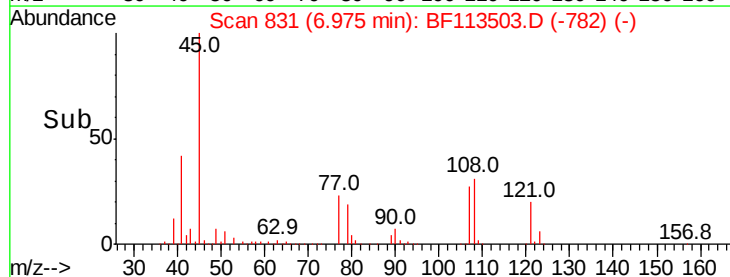
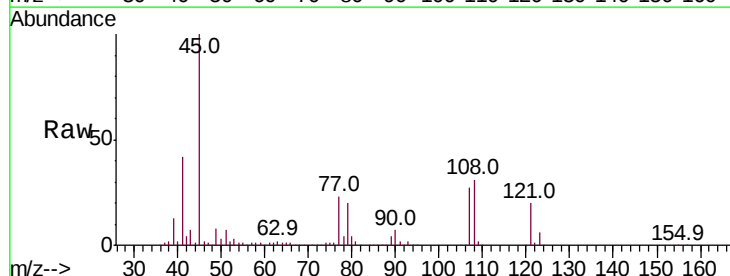
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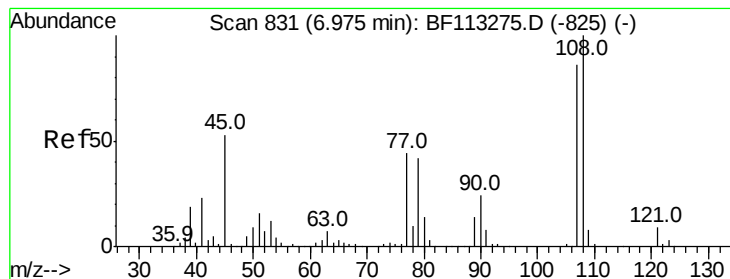
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.039 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.4	0.0	36.6
79	20.1	0.0	34.0





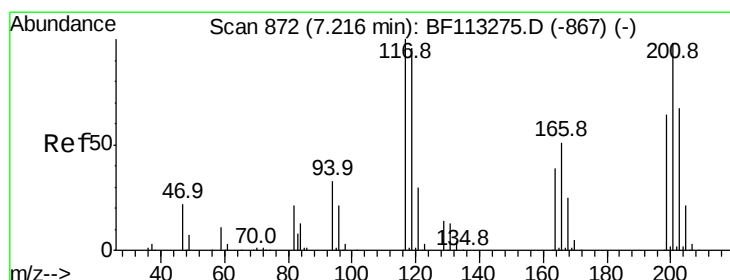
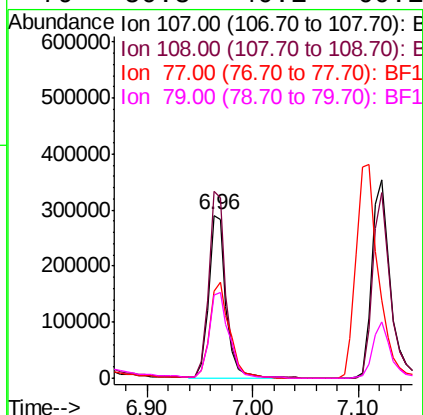
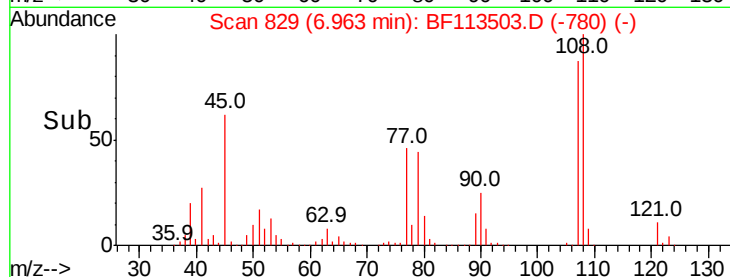
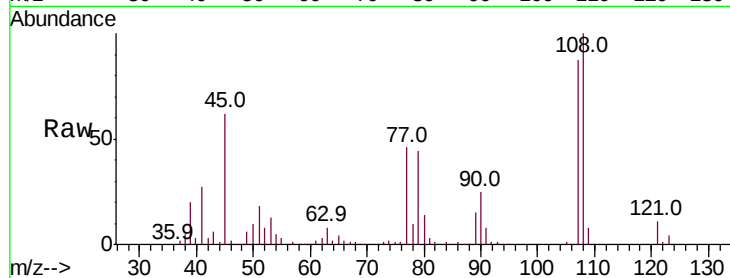
#17
2-Methylphenol
Concen: 39.632 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	332097		
108	114.6	93.4	140.0	
77	53.2	41.2	61.8	
79	50.8	40.1	60.1	

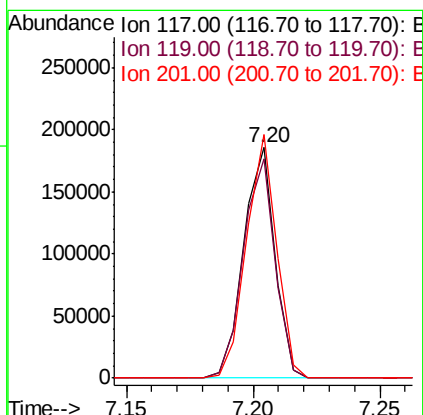
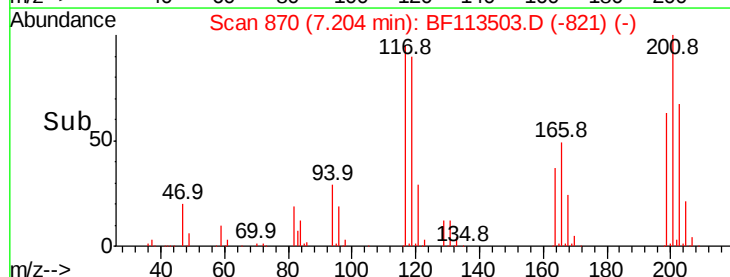
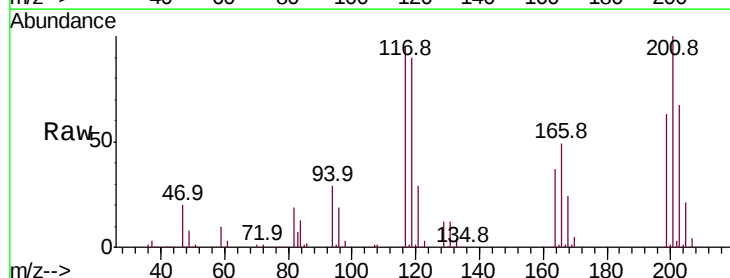
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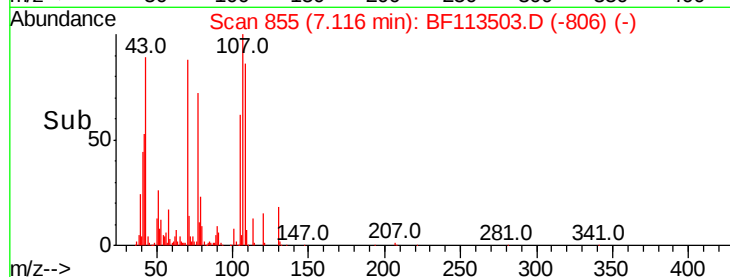
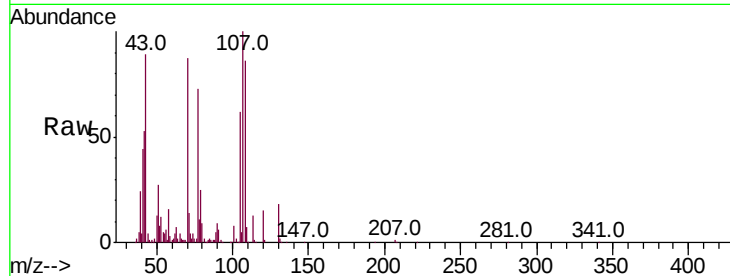
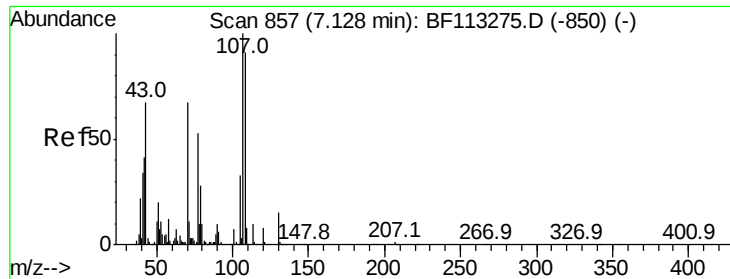
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#18
Hexachloroethane
Concen: 39.806 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	159107		
119	95.3	76.9	115.3	
201	105.7	78.7	118.1	





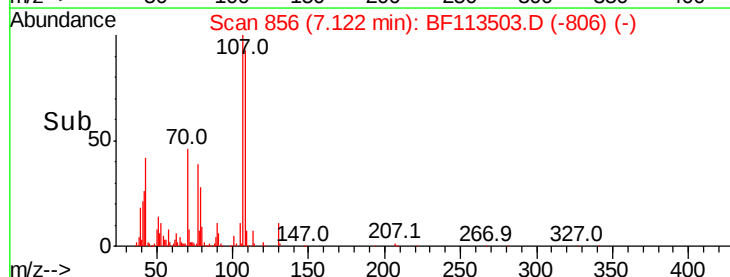
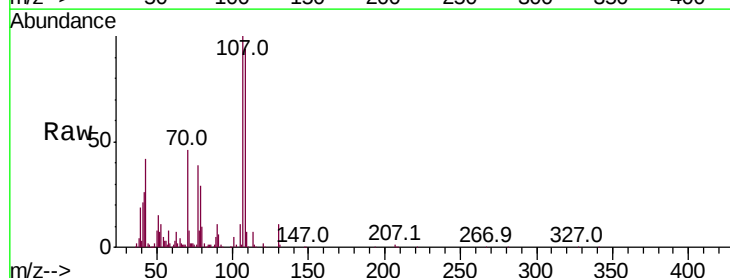
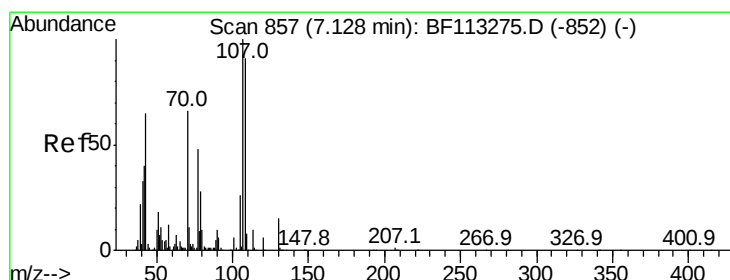
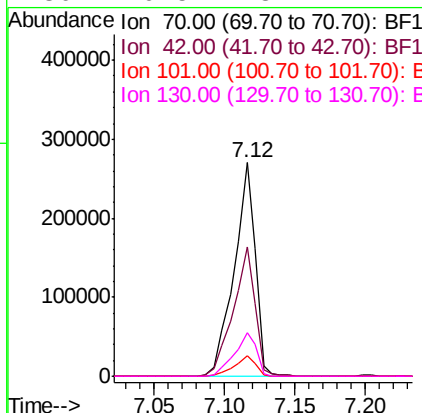
#19
n-Nitroso-di-n-propylamine
Concen: 38.547 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	48.4	72.6
101	9.6	7.8	11.8
130	20.5	18.2	27.4

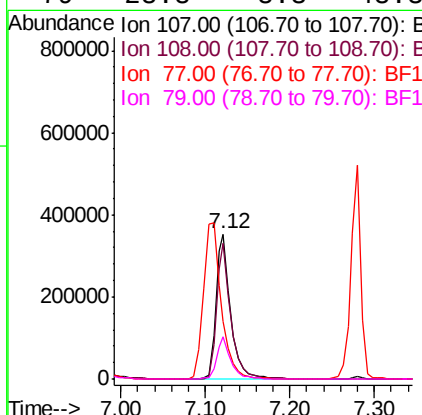
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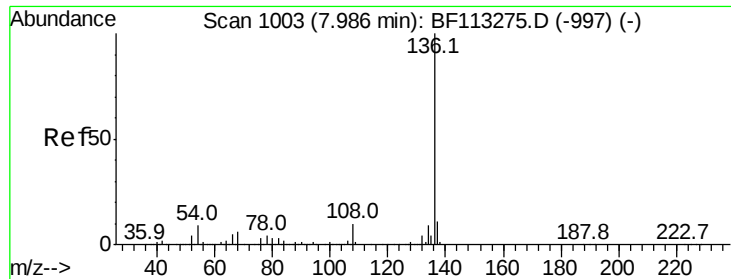
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#20
3+4-Methylphenols
Concen: 44.451 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	71.4	111.4
77	39.4	33.5	73.5
79	28.8	8.3	48.3





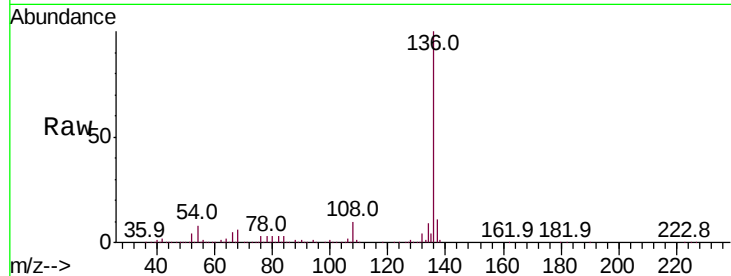
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

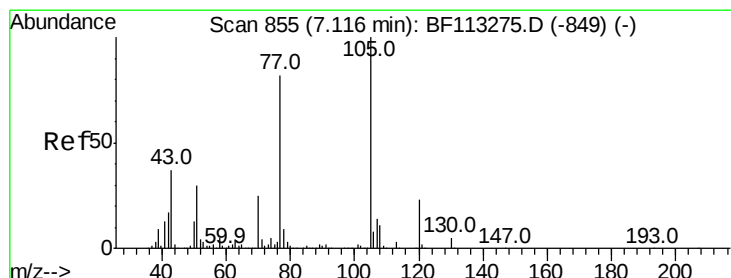
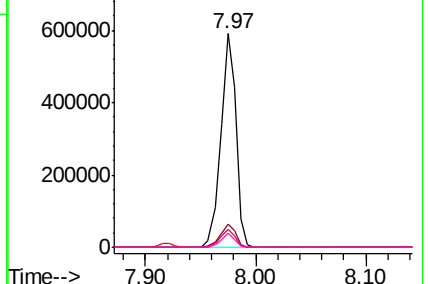
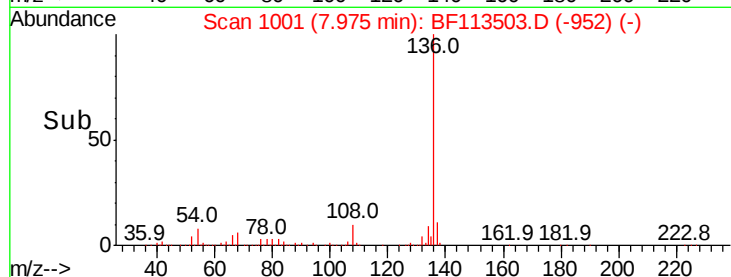
Tot Ion	Ratio	Resp	Lower	Upper
136	100	562059		
137	11.0	8.9	13.3	
54	8.3	7.0	10.6	
68	6.4	4.8	7.2	

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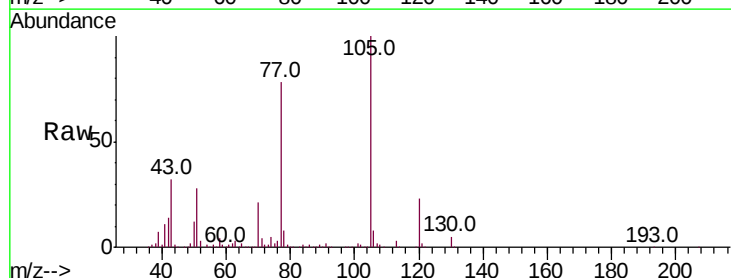


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

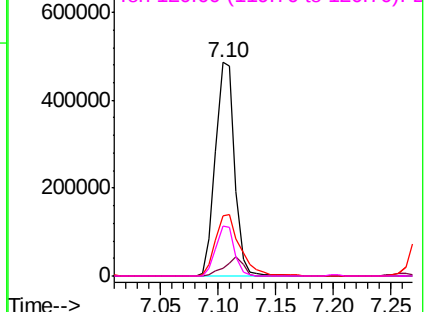
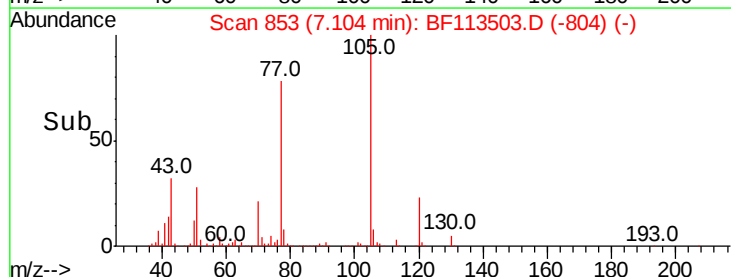


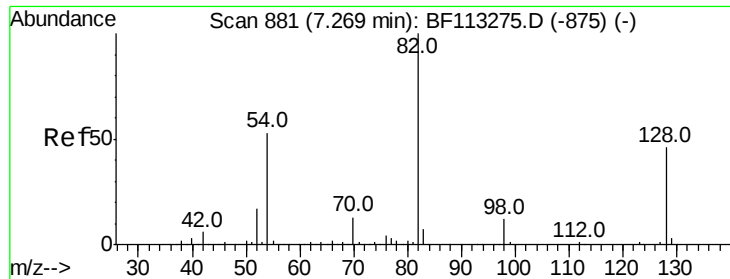
#22
Acetophenone
Concen: 44.187 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	566387		
71	3.6	3.3	4.9	
51	28.4	24.2	36.2	
120	23.5	18.1	27.1	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





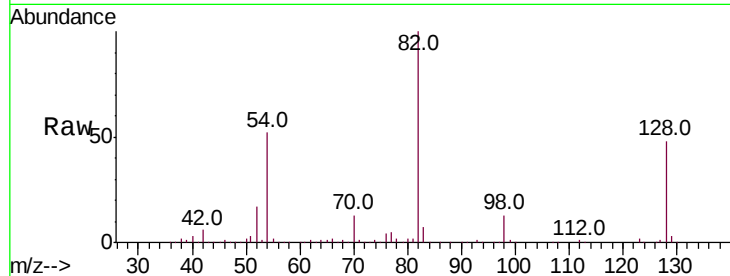
#23
Nitrobenzene-d5
Concen: 91.065 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

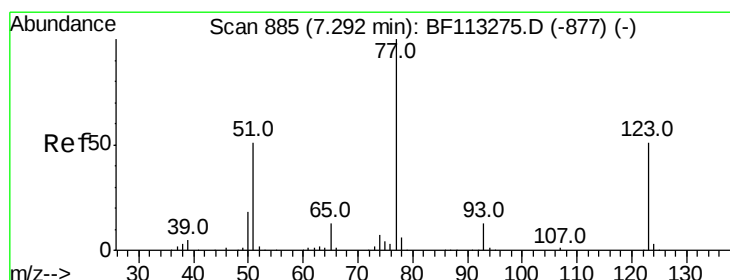
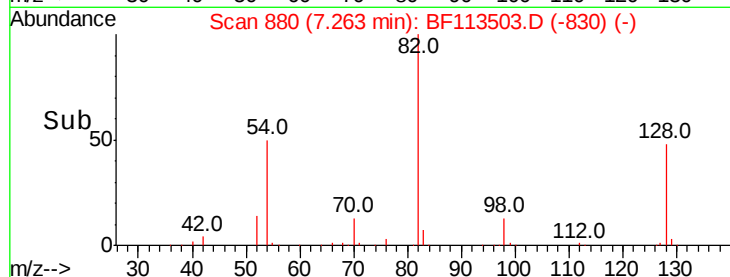
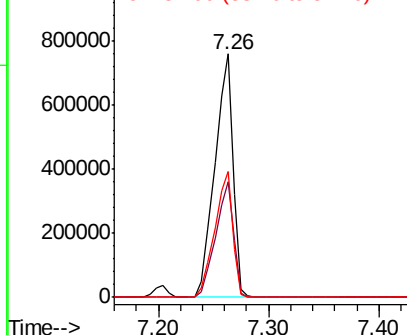
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.5	54.7
54	51.5	42.2	63.2

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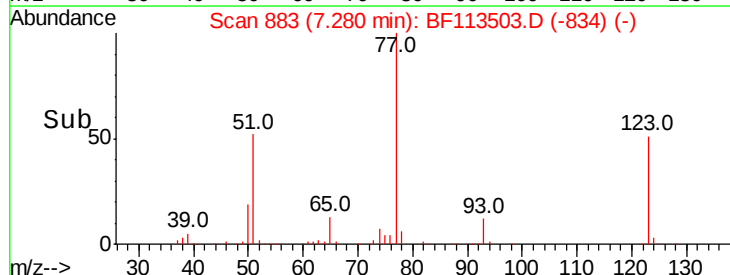
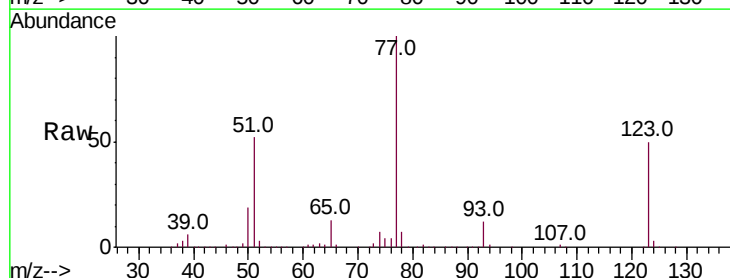
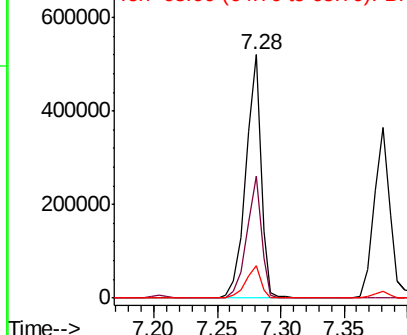
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

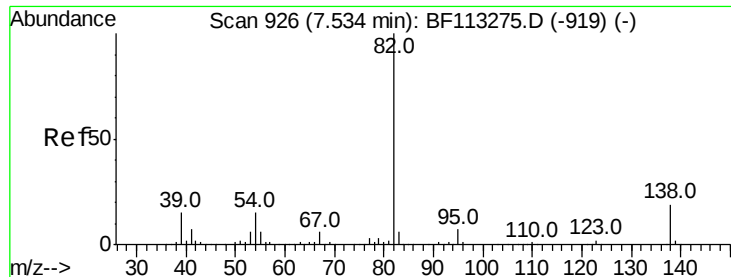


#24
Nitrobenzene
Concen: 43.342 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.8	61.2
65	13.3	10.6	16.0

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





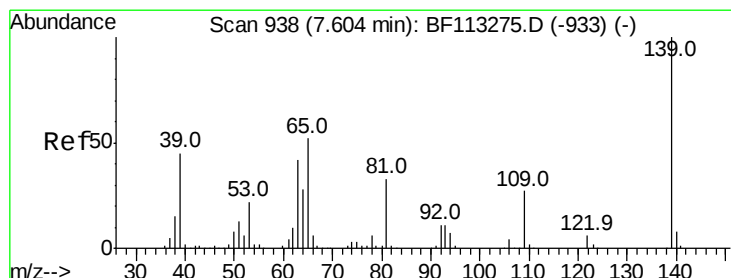
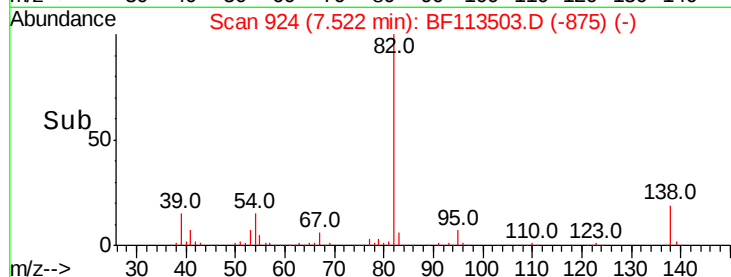
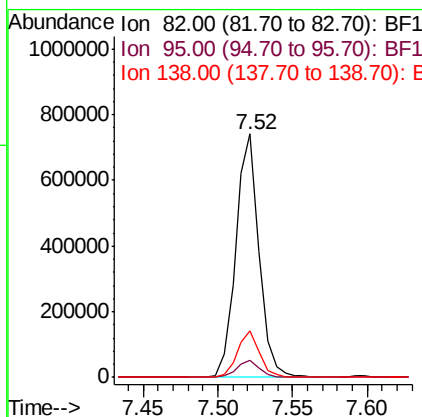
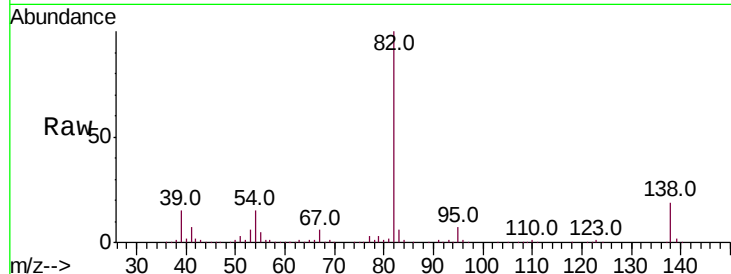
#25
Isophorone
Concen: 43.841 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.5	8.3	
138	19.0	15.2	22.8	

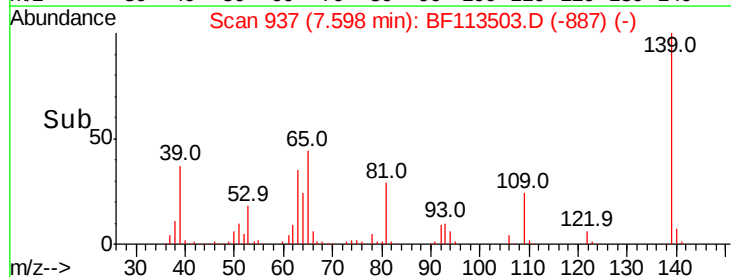
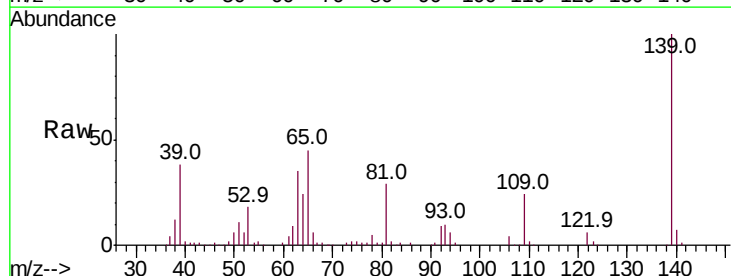
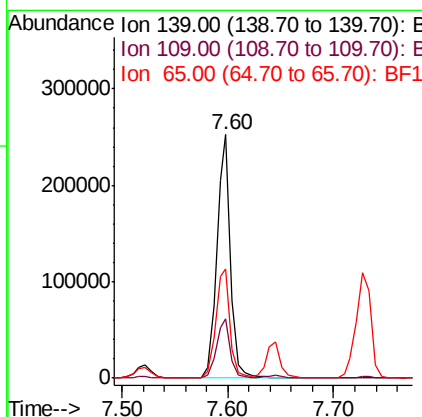
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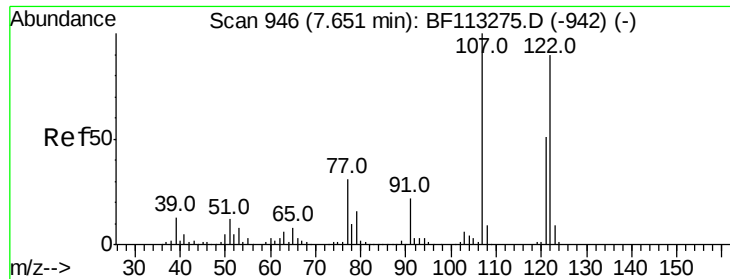
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#26
2-Nitrophenol
Concen: 44.328 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.4	21.7	32.5	
65	44.6	41.6	62.4	





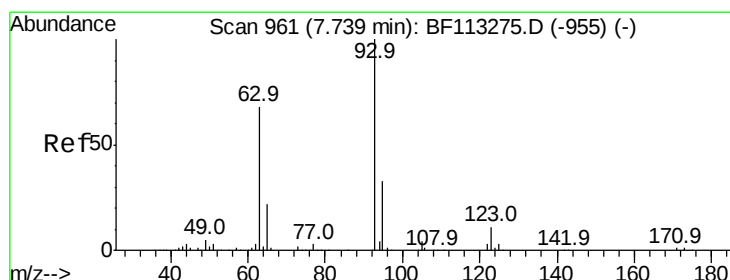
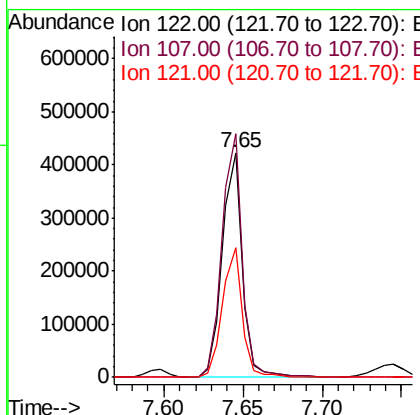
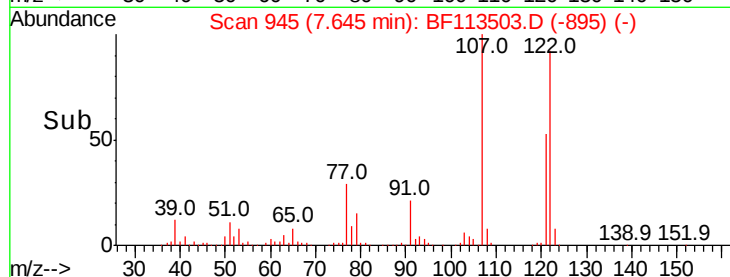
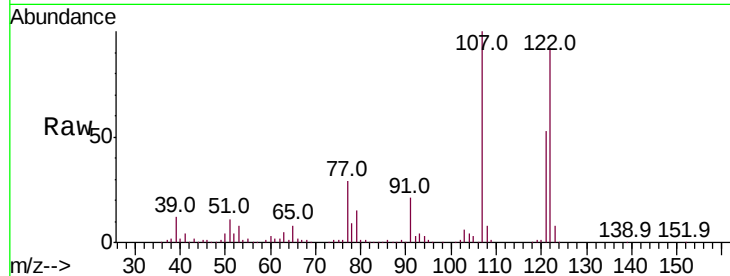
#27
2,4-Dimethylphenol
Concen: 49.617 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	88.8	133.2
121	57.5	45.5	68.3

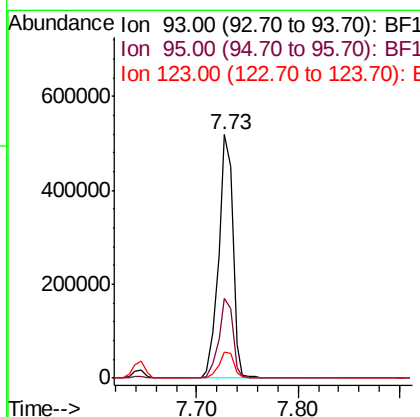
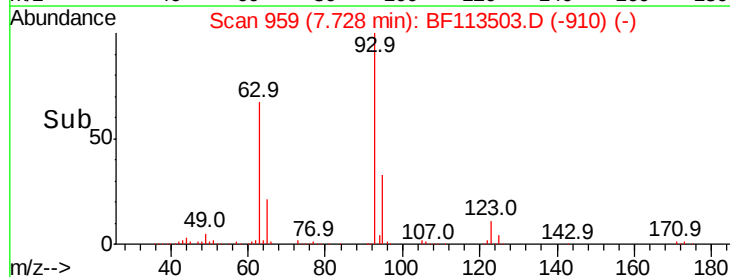
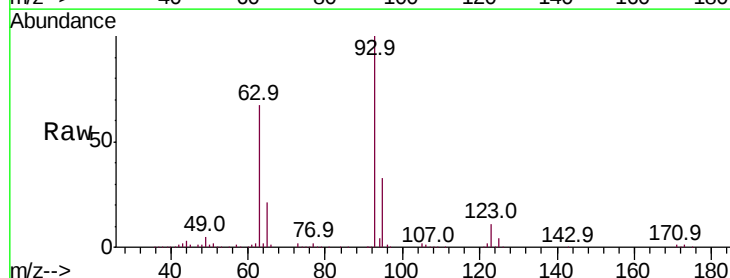
Manual Integrations
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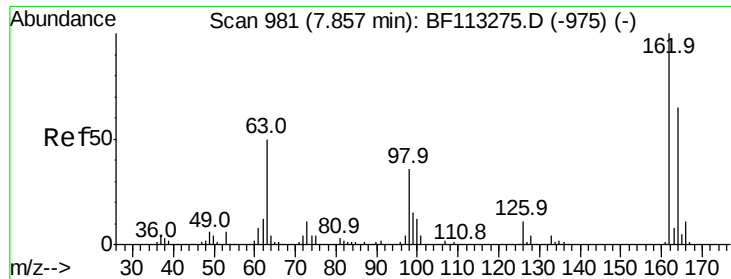
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#28
bis(2-Chloroethoxy)methane
Concen: 43.942 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	10.9	9.1	13.7





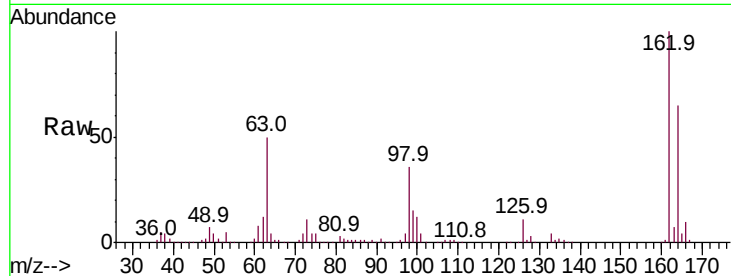
#29
2,4-Dichlorophenol
Concen: 44.757 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	364426		
164	64.5		44.6	84.6
98	36.1		15.6	55.6

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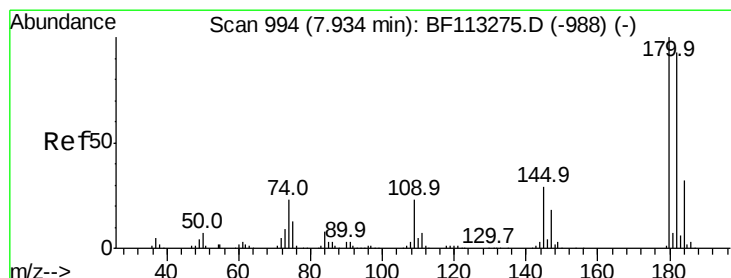
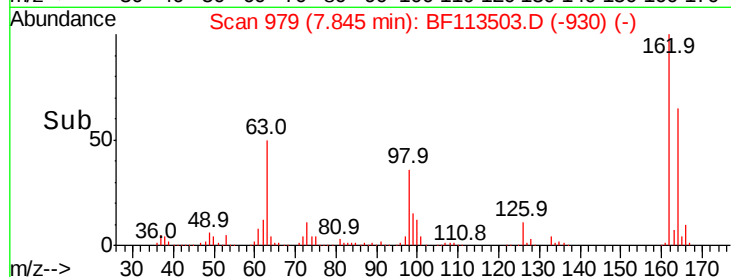
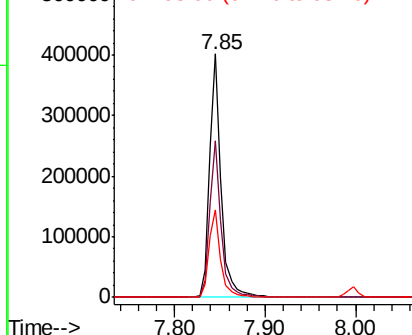


Abundance

Ion 162.00 (161.70 to 162.70): E

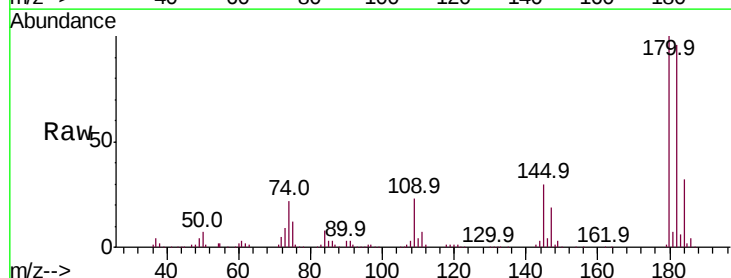
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.602 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	383026		
182	96.4		74.6	111.8
145	29.5		23.4	35.0

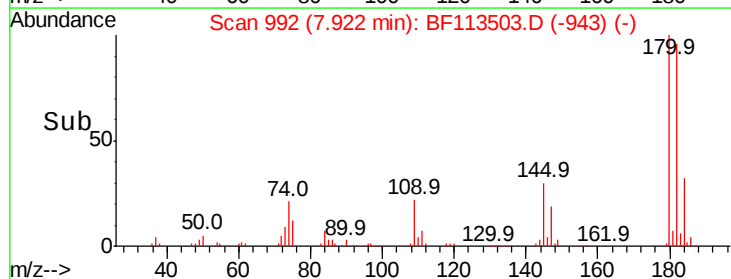
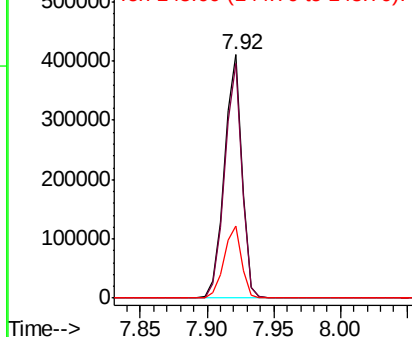


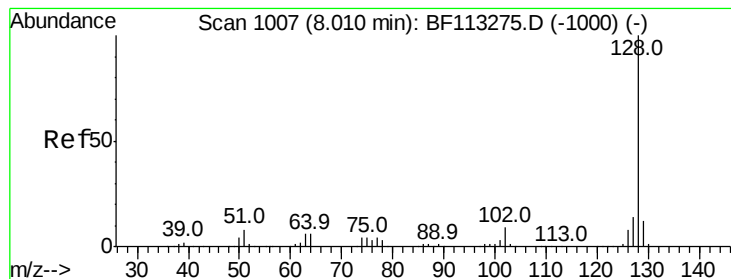
Abundance

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: 43.661 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tot Ion:128 Resp: 1199226

Ion Ratio Lower Upper

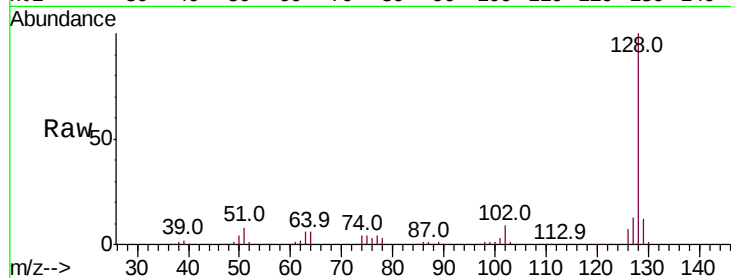
128 100

129 11.6 9.3 13.9

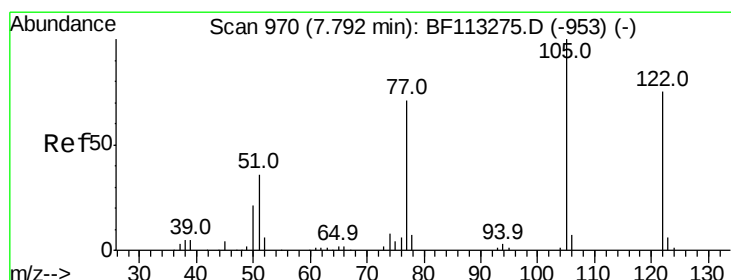
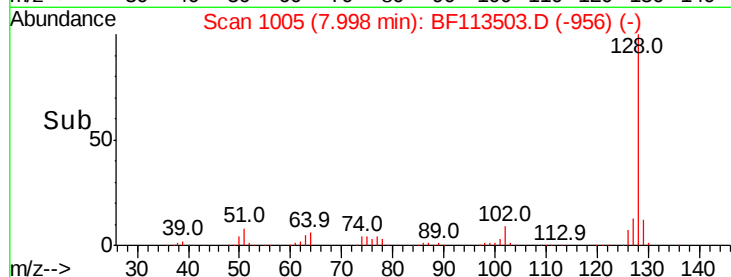
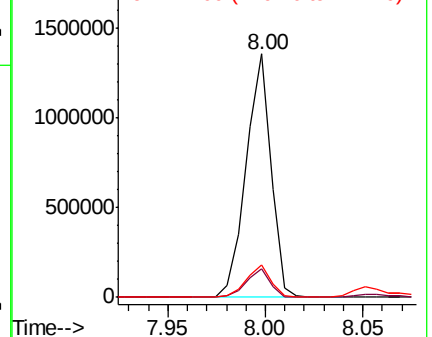
127 13.2 10.9 16.3

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



#32

Benzoic acid

Concen: 7.253 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

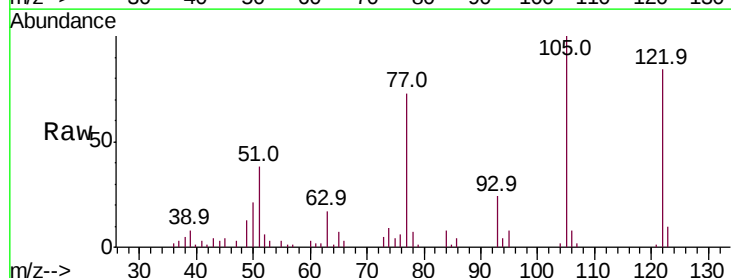
Tgt Ion:122 Resp: 43866

Ion Ratio Lower Upper

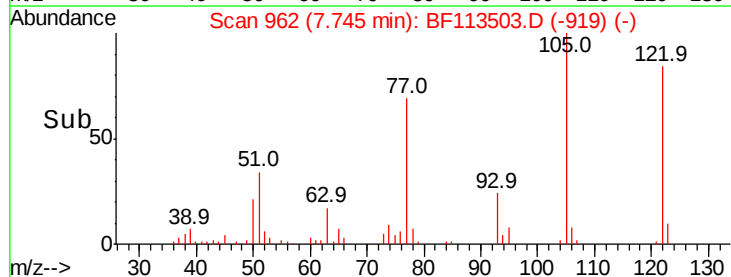
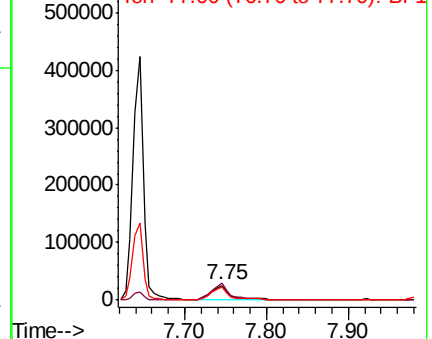
122 100

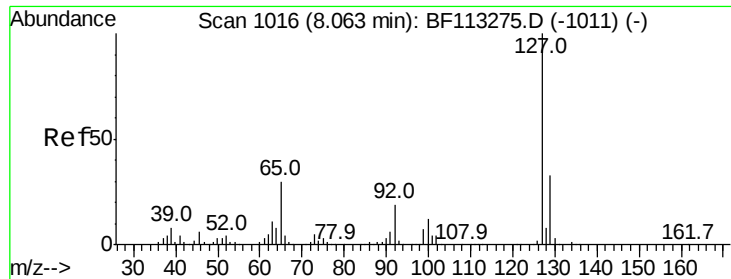
105 119.0 100.4 140.4

77 87.4 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





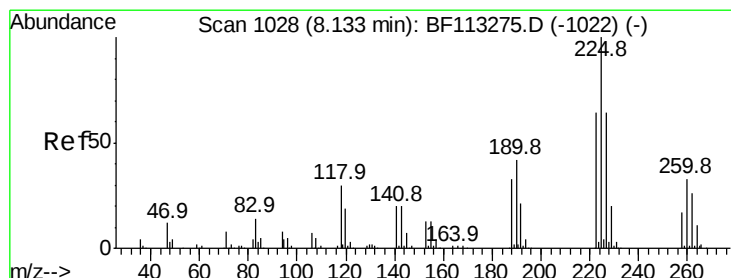
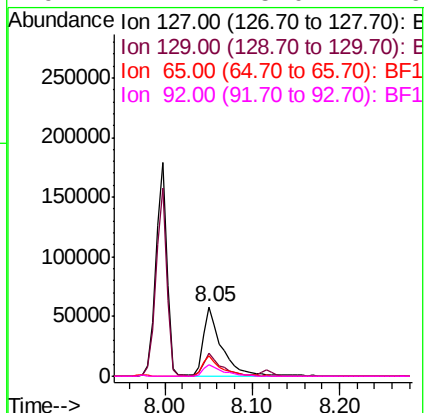
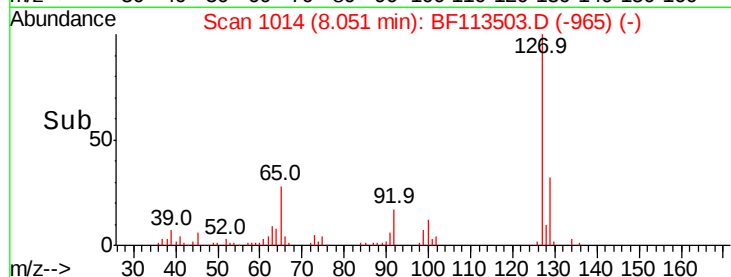
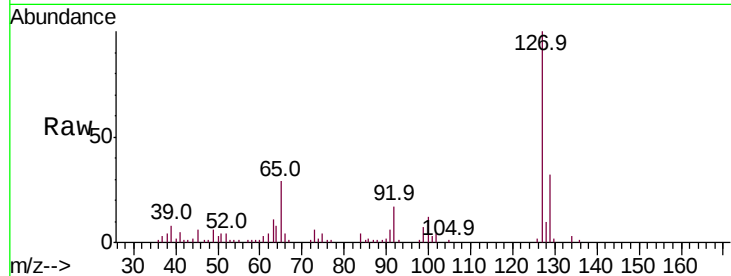
#33
4-Chloroaniline
Concen: 8.023 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.8	24.2	36.4
92	17.4	15.0	22.6

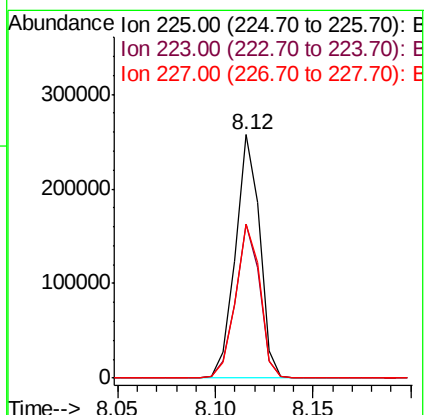
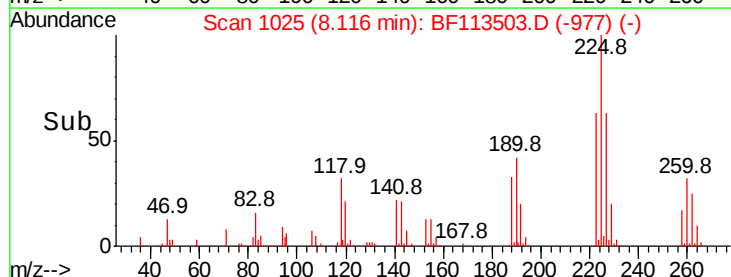
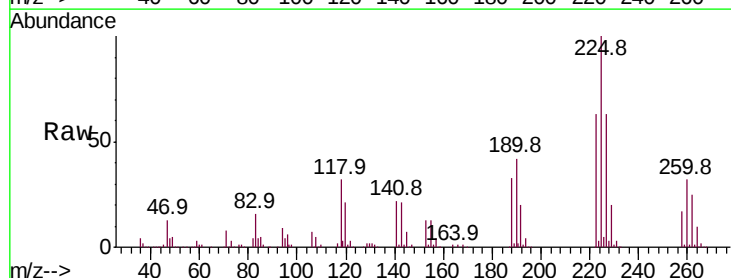
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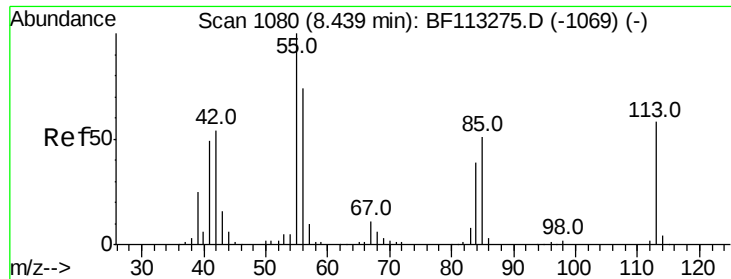
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#34
Hexachlorobutadiene
Concen: 42.487 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	63.1	51.1	76.7





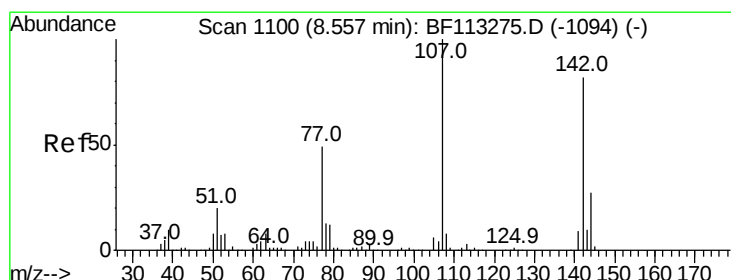
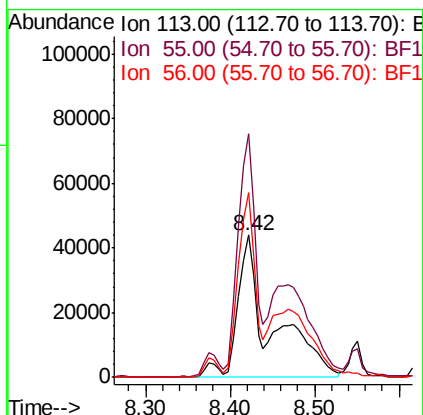
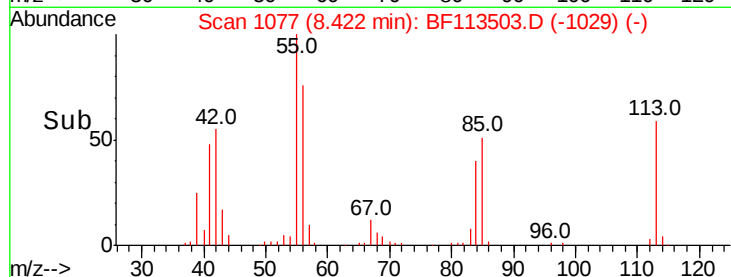
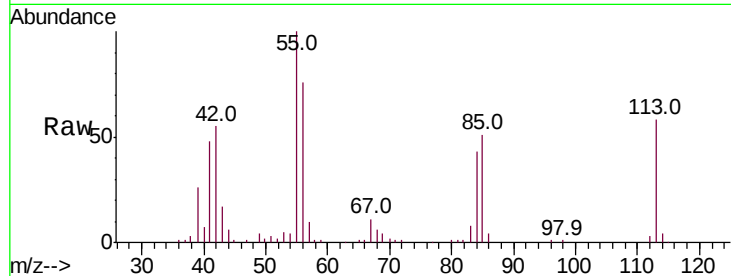
#35
Caprolactam
Concen: 45.824 ng/ml
RT: 8.42 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.2	152.7	192.7
56	130.0	108.3	148.3

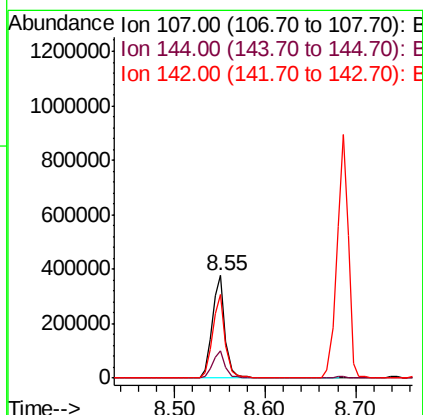
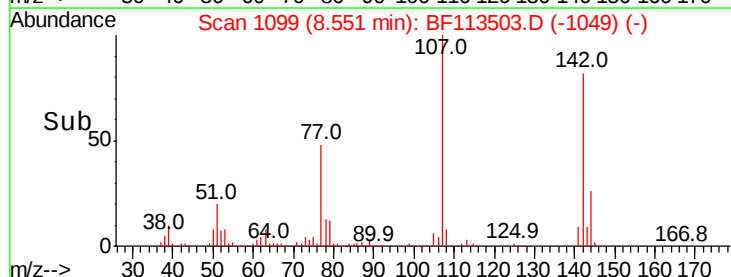
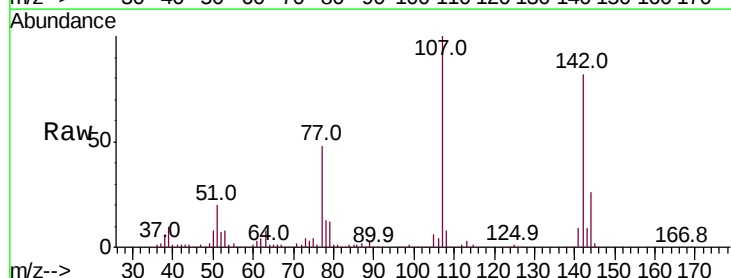
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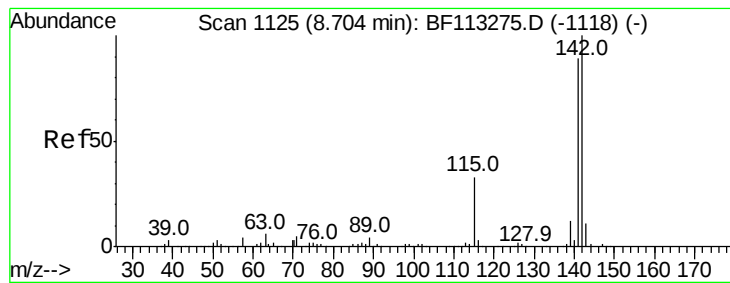
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#36
4-Chloro-3-methylphenol
Concen: 45.564 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.4	32.0
142	81.6	65.6	98.4





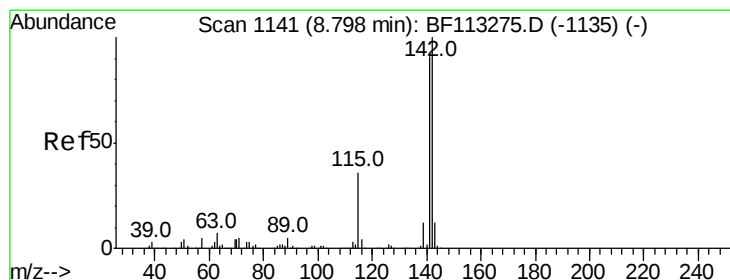
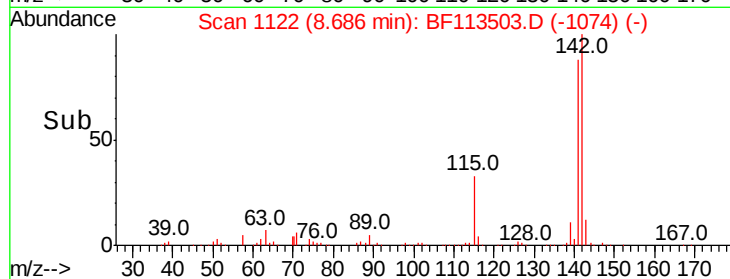
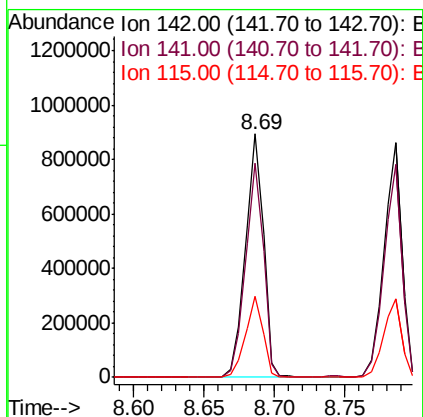
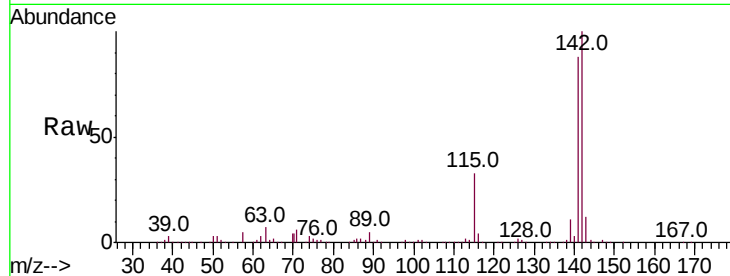
#37
2-Methylnaphthalene
Concen: 46.697 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	33.2	26.6	39.8

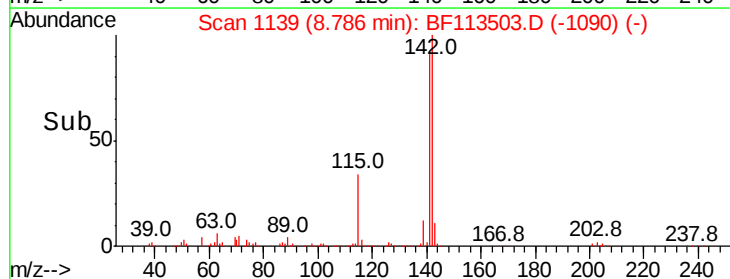
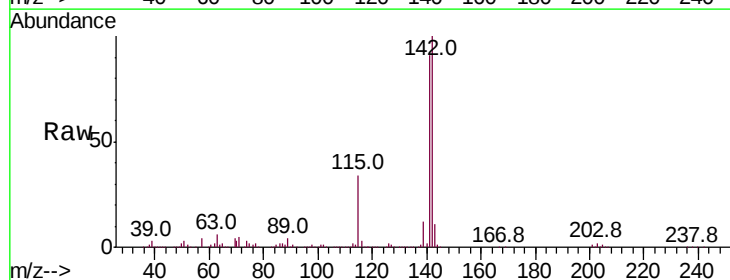
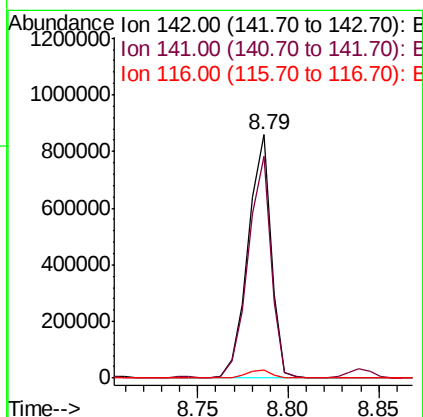
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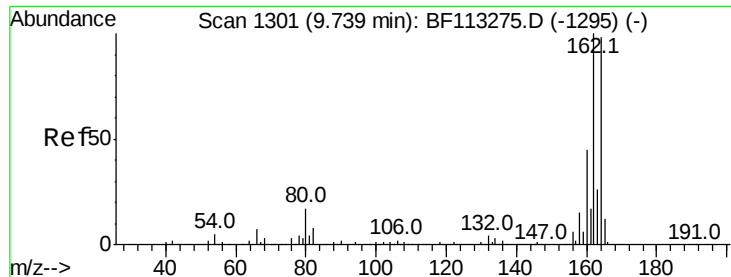
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#38
1-Methylnaphthalene
Concen: 45.862 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8
116	3.5	3.0	4.4





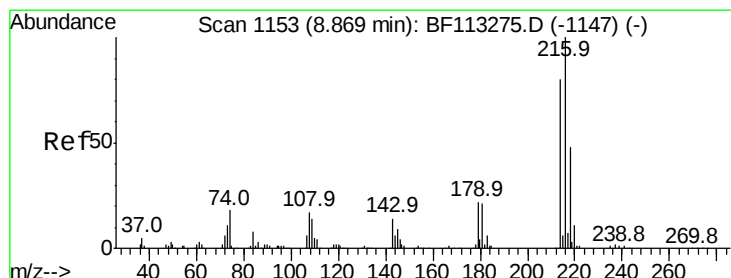
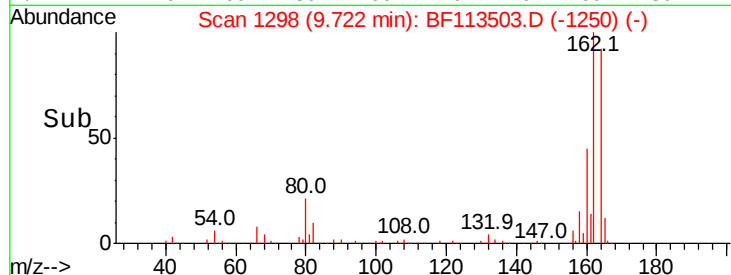
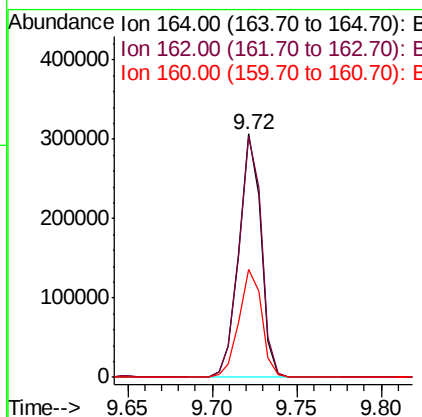
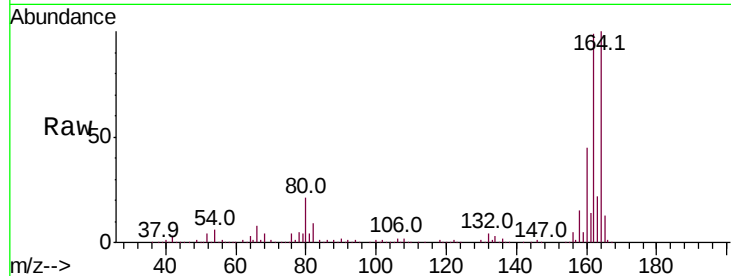
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.8	122.6
160	44.6	36.4	54.6

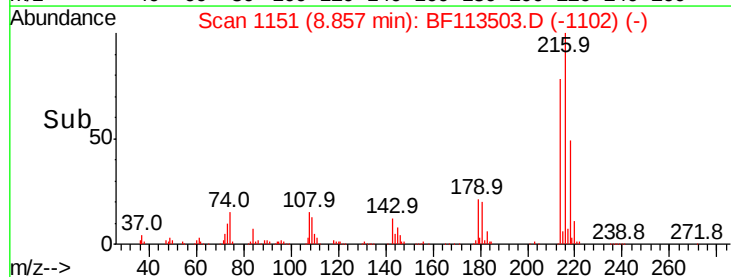
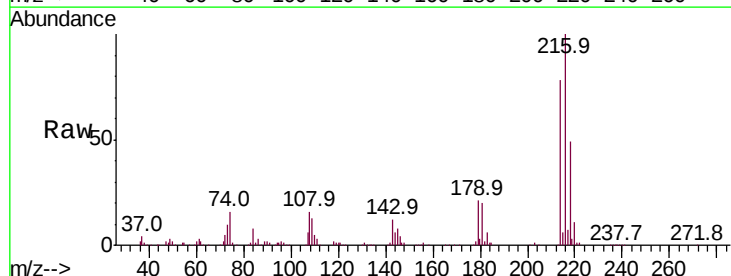
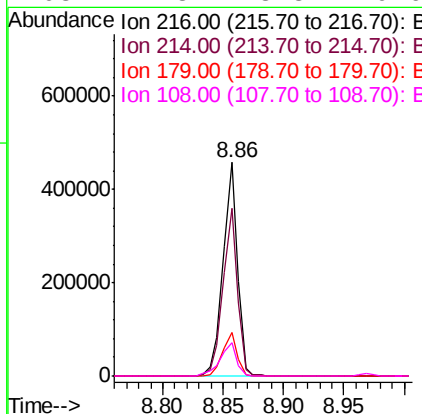
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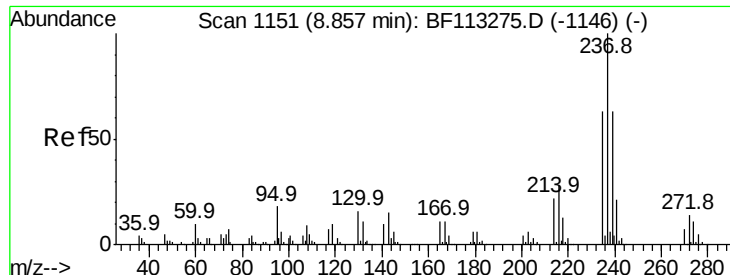
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.213 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	20.2	16.8	25.2
108	17.8	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 70.665 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

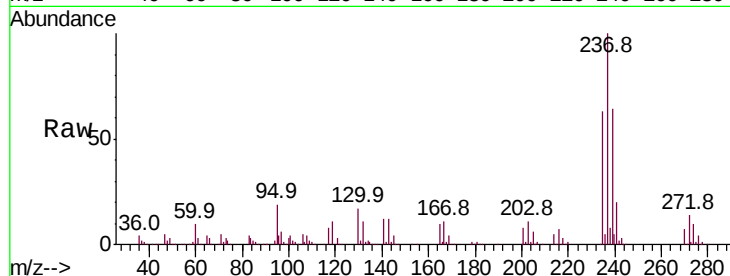
ClientSampleId :

S4B(2-10)MS

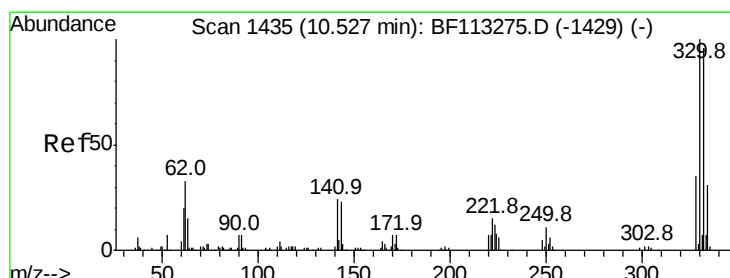
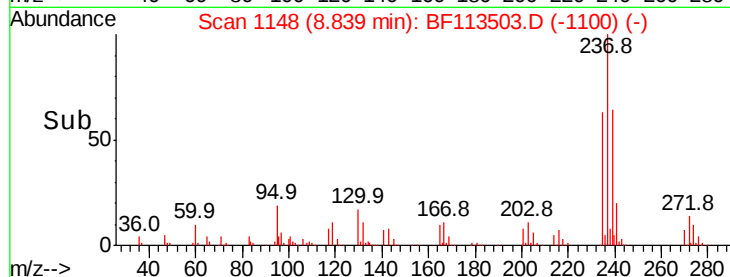
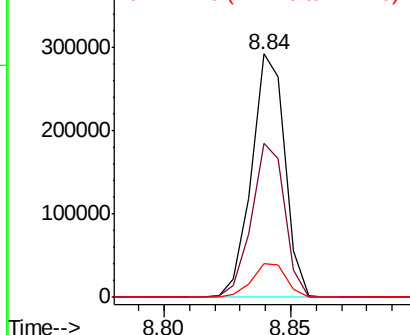
Tot Ion:	237	Resp:	267687
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.4	83.4
272	13.7	0.0	33.7

Manual Integrations
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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



#42

2,4,6-Tribromophenol

Concen: 124.210 ng

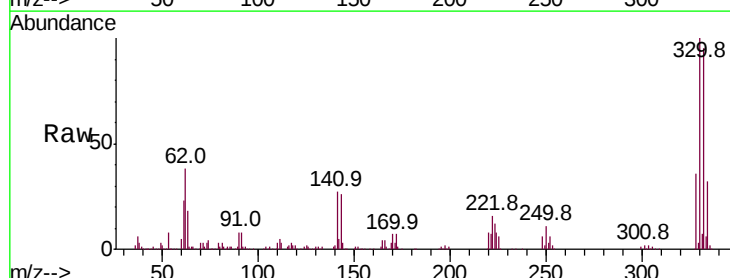
RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

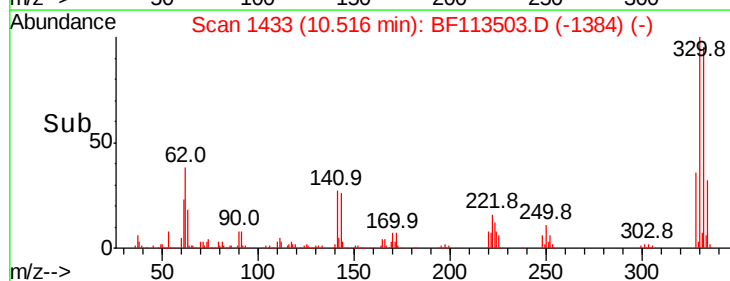
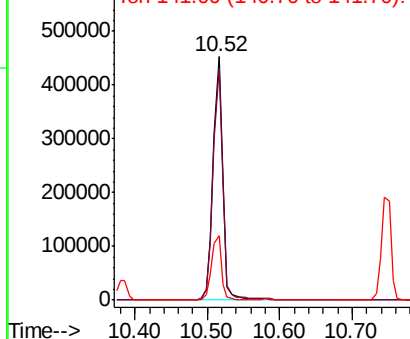
Lab File: BF113503.D

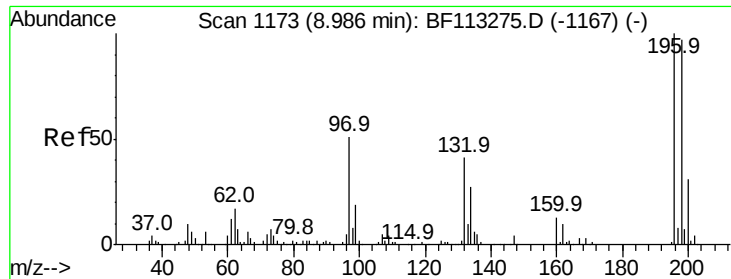
Acq: 2 Apr 2019 14:02

Tgt Ion:	330	Resp:	427760
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.8	116.6
141	27.4	22.7	34.1



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





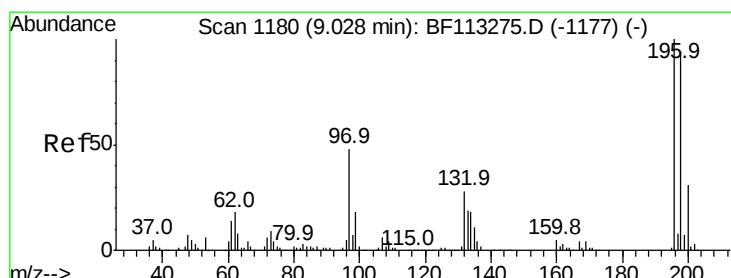
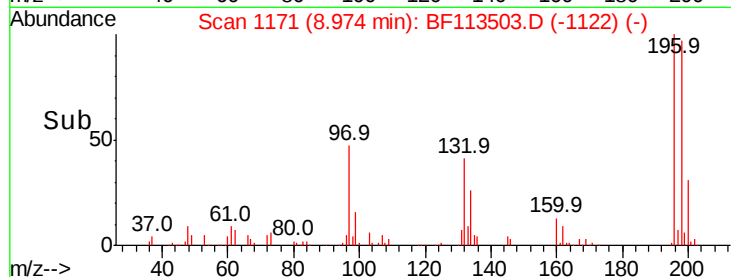
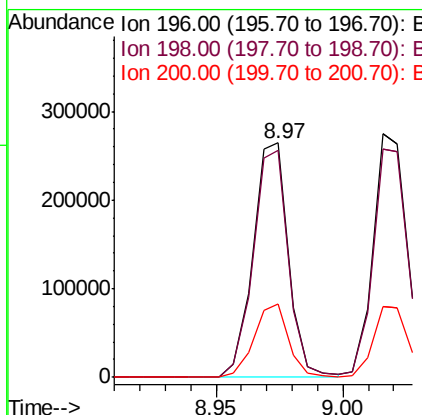
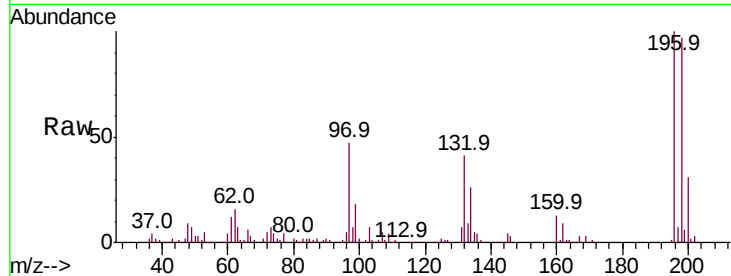
#43
 2,4,6-Trichlorophenol
 Concen: 44.293 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tot Ion:	196	Resp:	258135
Ion Ratio	Lower	Upper	
196	100		
198	97.1	77.7	116.5
200	31.2	24.9	37.3

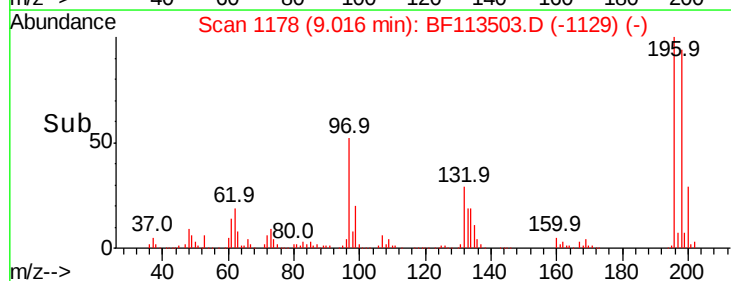
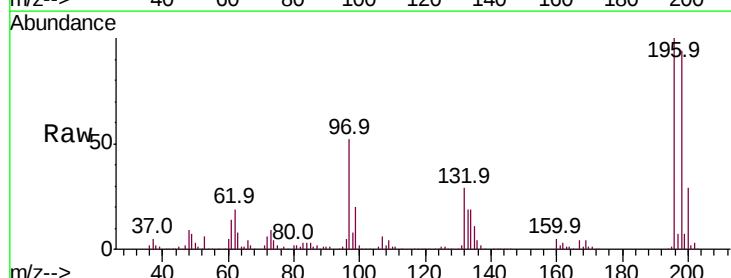
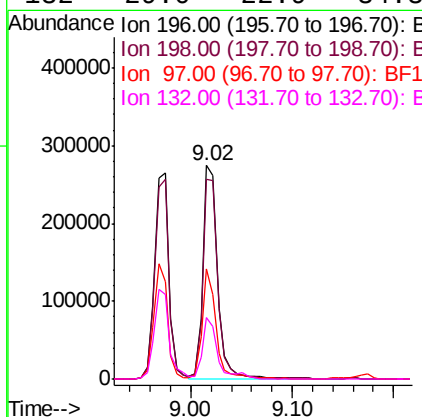
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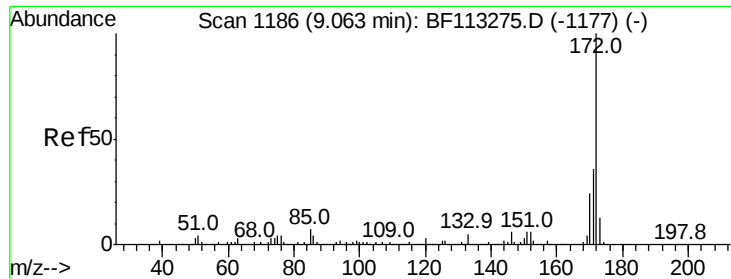
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#44
 2,4,5-Trichlorophenol
 Concen: 42.758 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:	196	Resp:	275774
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.4	113.2
97	51.5	38.6	58.0
132	29.0	22.9	34.3





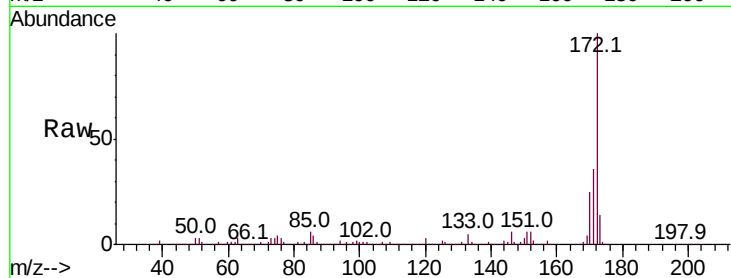
#45
2-Fluorobiphenyl
Concen: 89.372 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.6	19.5	29.3

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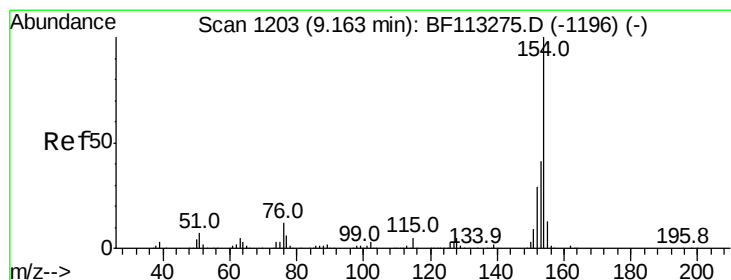
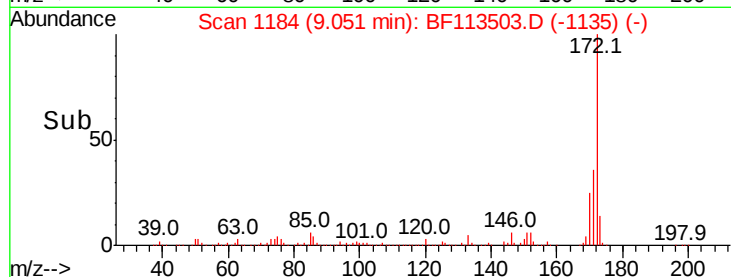
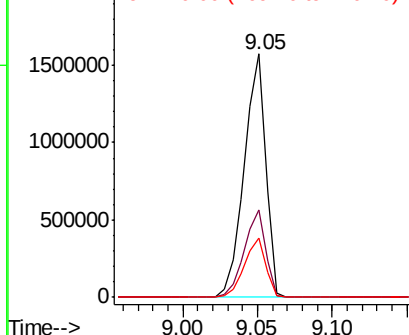


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.100 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

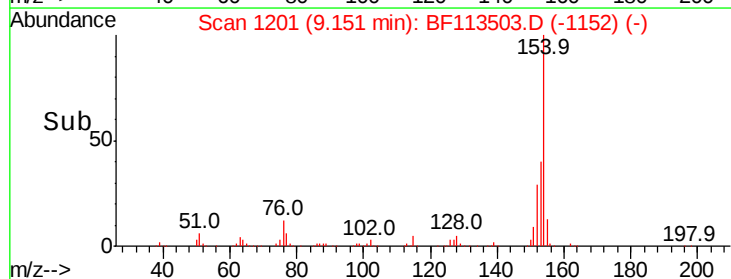
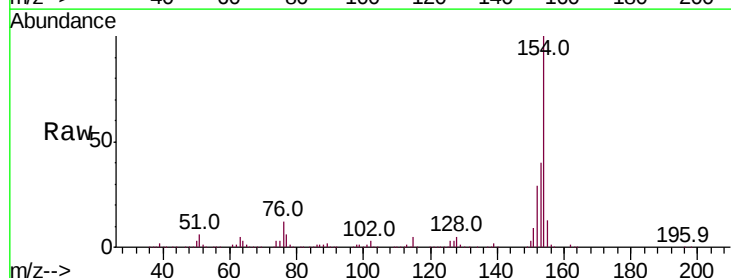
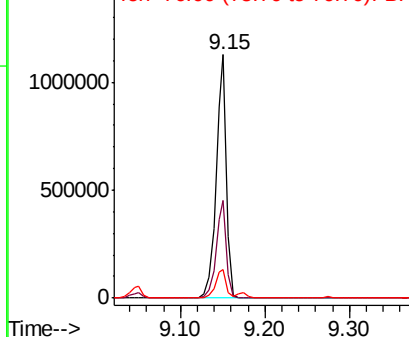
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.8	60.8
76	11.8	0.0	31.9

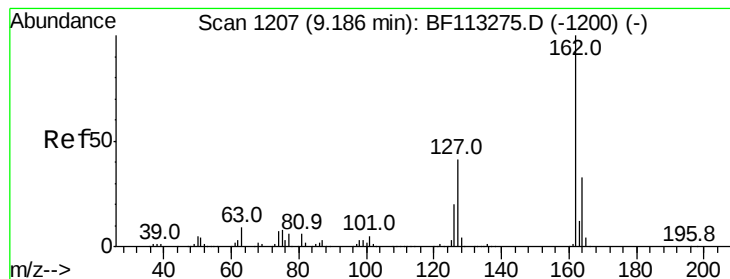
Abundance

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): BF1





#47

2-Chloronaphthalene

Concen: 42.293 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

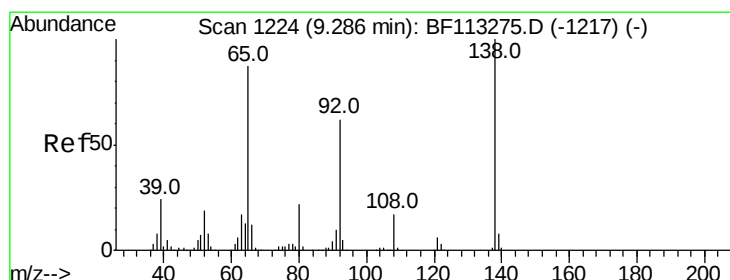
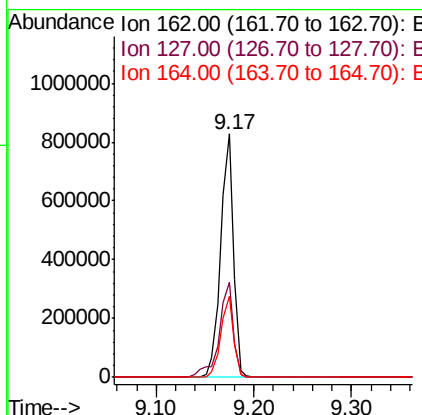
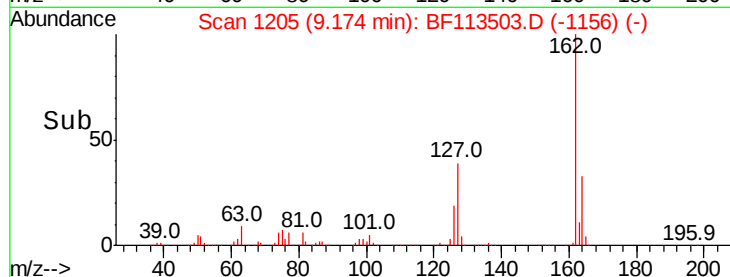
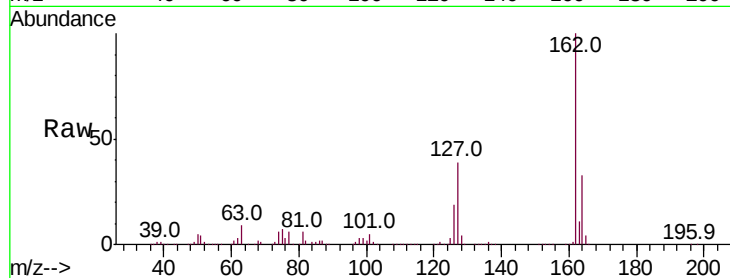
ClientSampleId :

S4B(2-10)MS

Tot Ion:	162	Resp:	758254
Ion Ratio	Lower	Upper	
162	100		
127	39.3	32.6	49.0
164	33.2	26.6	39.8

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#48

2-Nitroaniline

Concen: 42.797 ng

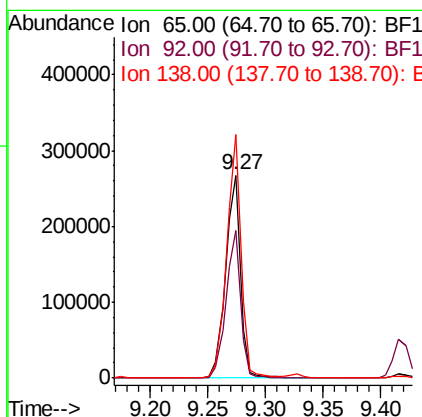
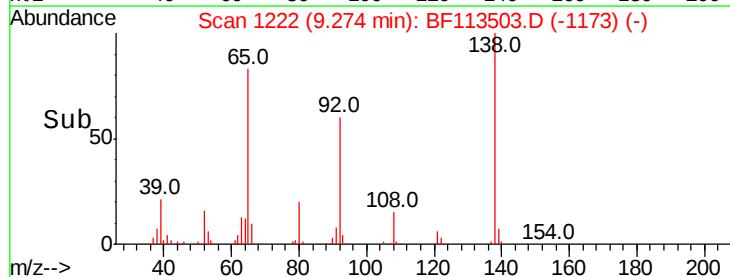
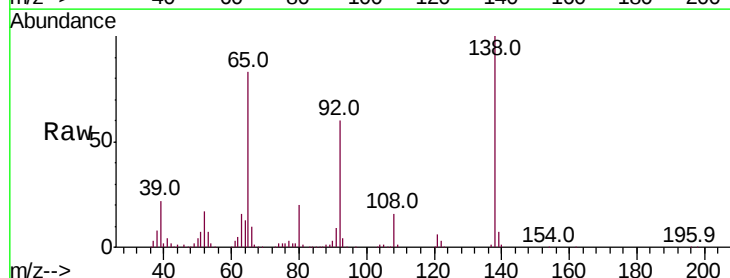
RT: 9.27 min Scan# 1222

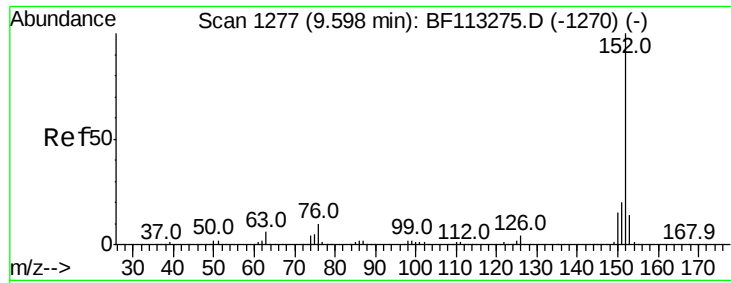
Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Tgt Ion:	65	Resp:	240789
Ion Ratio	Lower	Upper	
65	100		
92	72.4	56.8	85.2
138	119.8	92.3	138.5





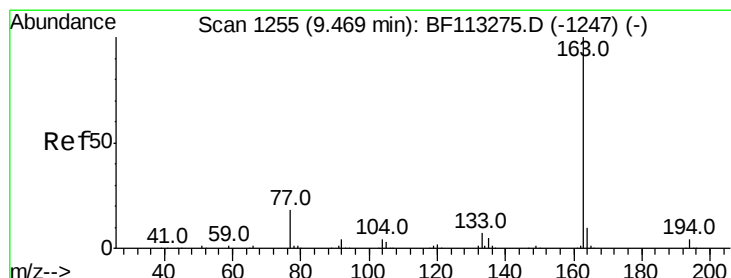
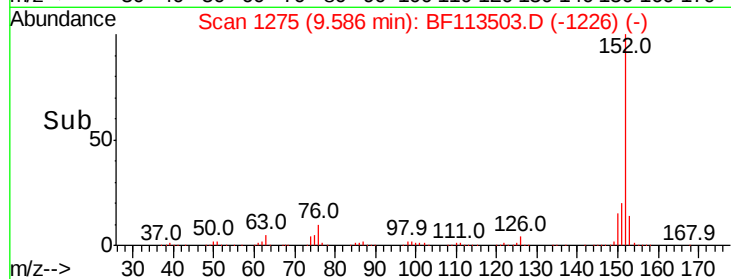
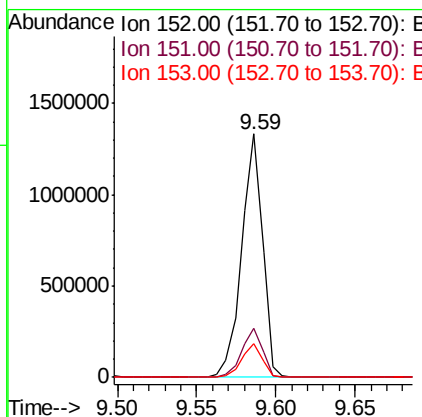
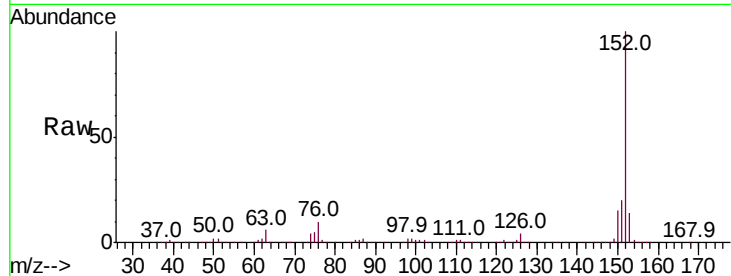
#49
Acenaphthylene
Concen: 41.875 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.7	11.0	16.6

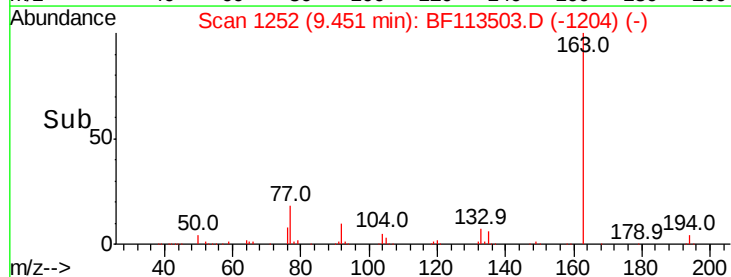
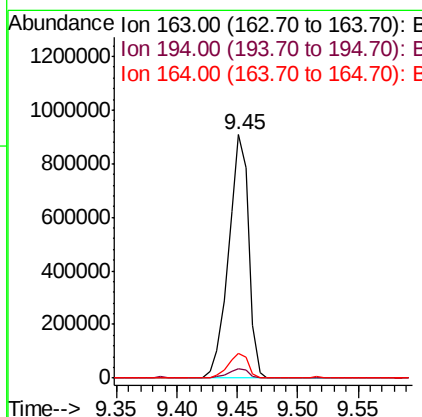
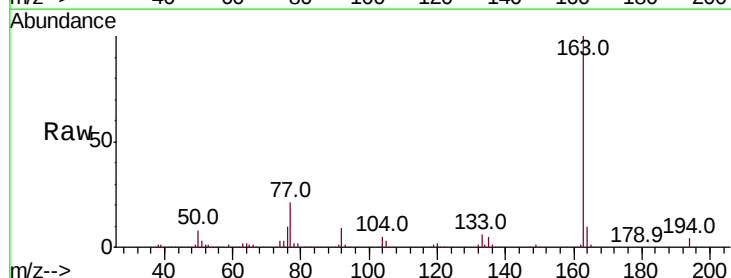
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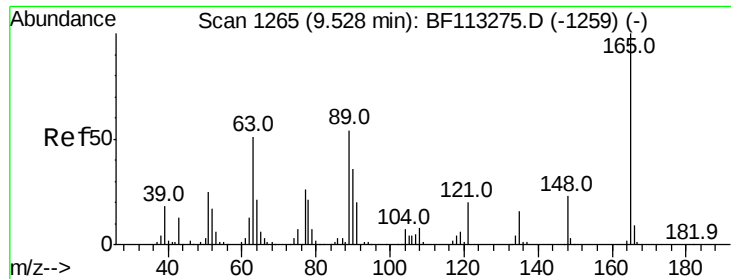
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#50
Dimethylphthalate
Concen: 50.491 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.3	8.1	12.1





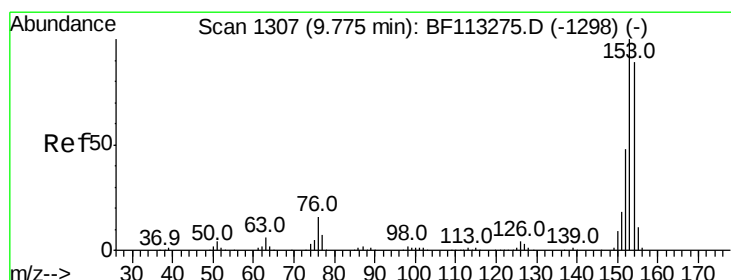
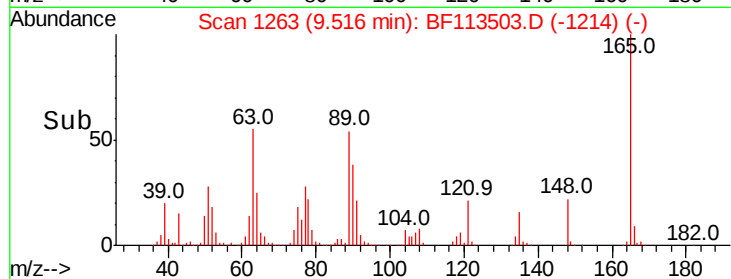
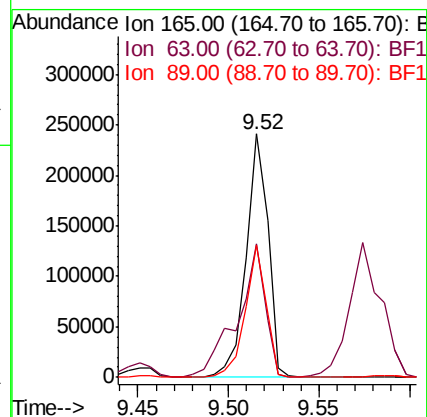
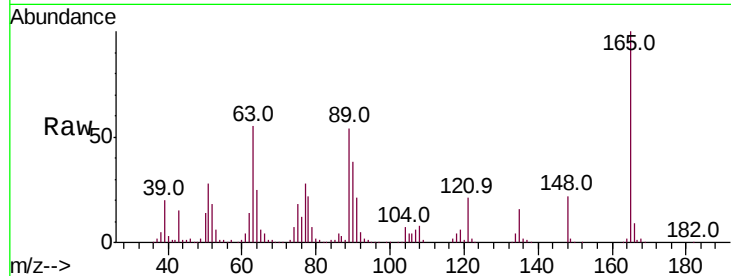
#51
 2,6-Dinitrotoluene
 Concen: 43.470 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	54.8	43.4	65.0
89	54.2	43.1	64.7

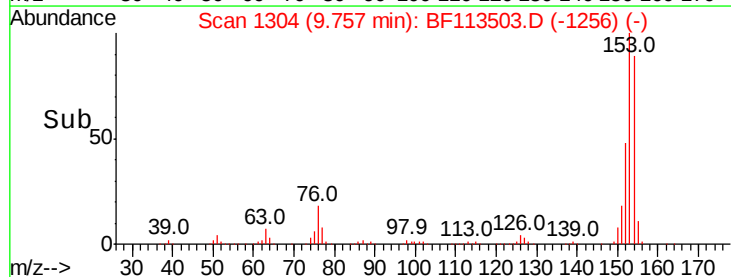
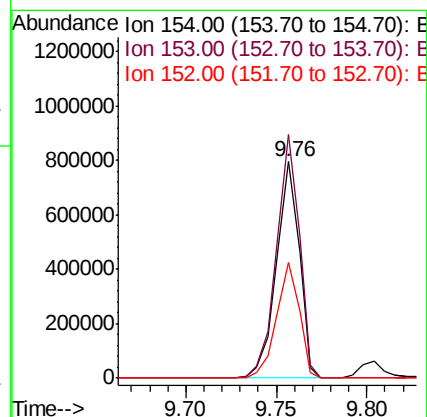
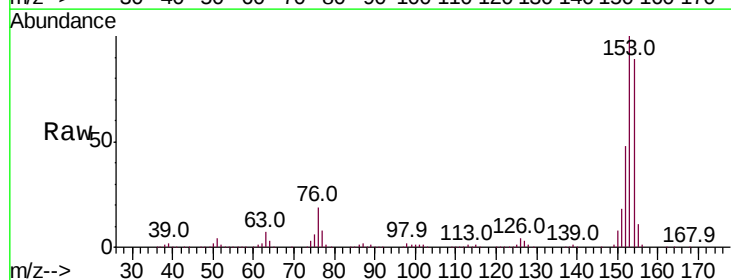
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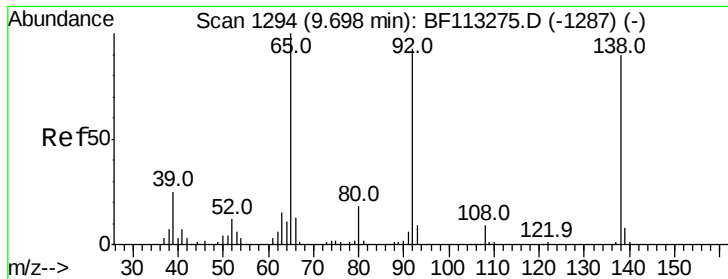
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#52
 Acenaphthene
 Concen: 42.866 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.5	89.5	134.3
152	53.4	43.3	64.9





#53

3-Nitroaniline

Concen: 21.432 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

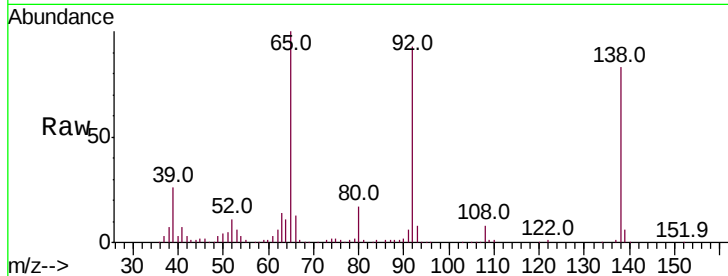
ClientSampleId :

S4B(2-10)MS

Tot Ion:	138	Resp:	112657
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.6
92	112.2	82.6	124.0

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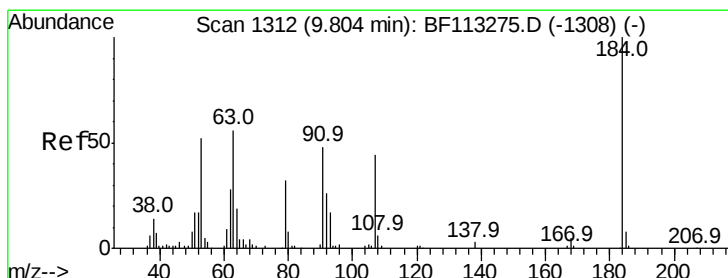
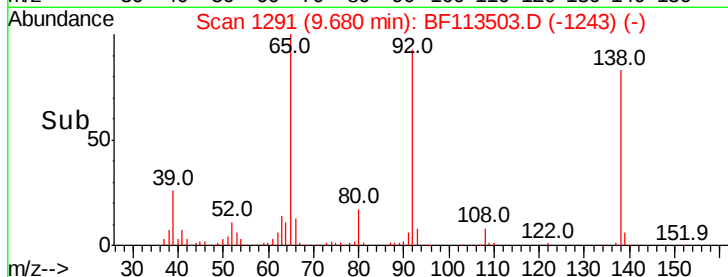
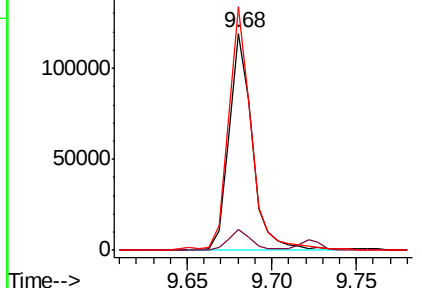
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 50.071 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF113503.D

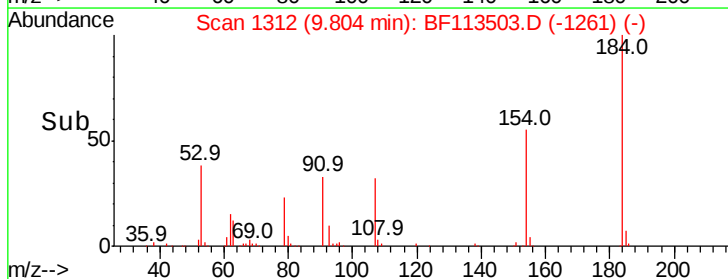
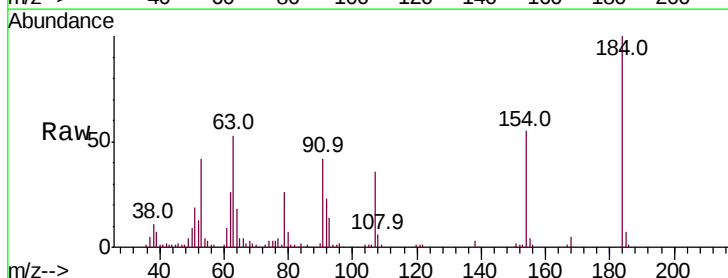
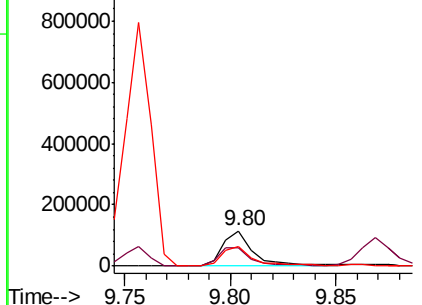
Acq: 2 Apr 2019 14:02

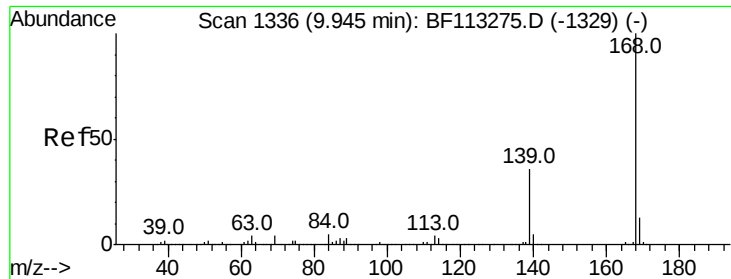
Tgt Ion:	184	Resp:	116080
Ion Ratio	Lower	Upper	
184	100		
63	52.6	54.3	81.5#
154	54.6	48.4	72.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





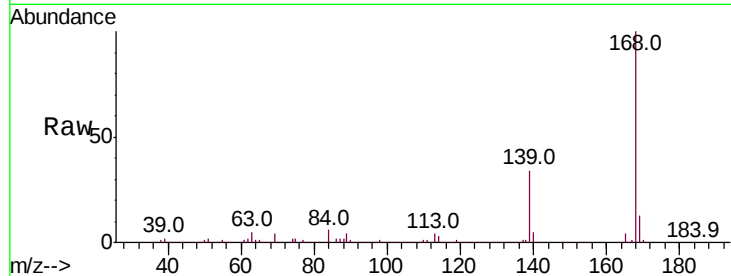
#55
Dibenzofuran
Concen: 42.704 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

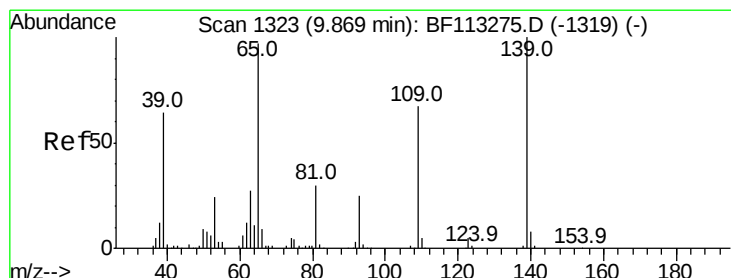
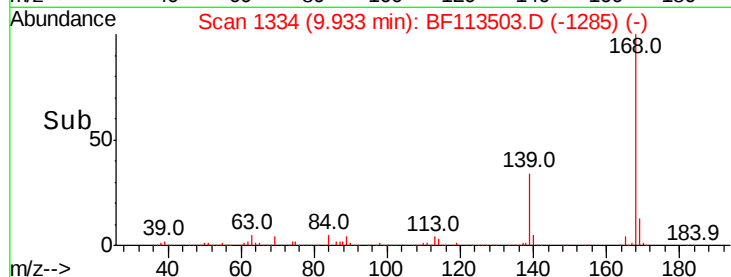
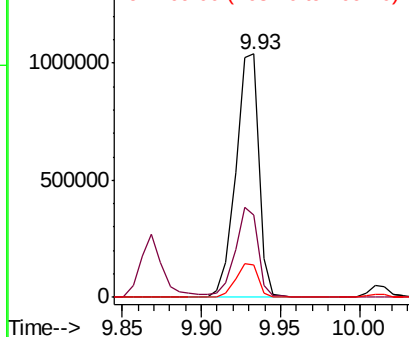
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.0	29.7	44.5
169	13.2	10.7	16.1

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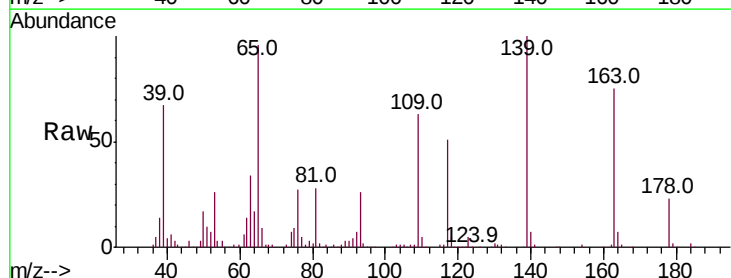


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

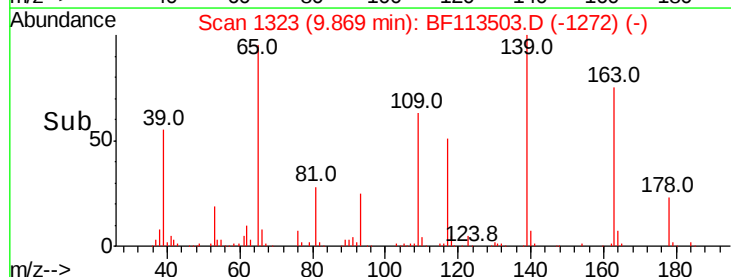
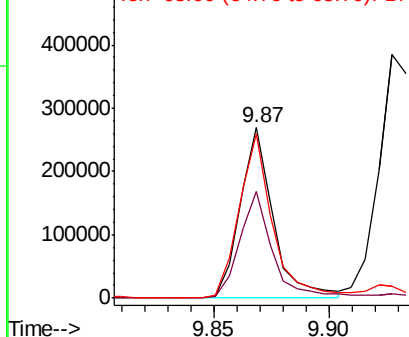


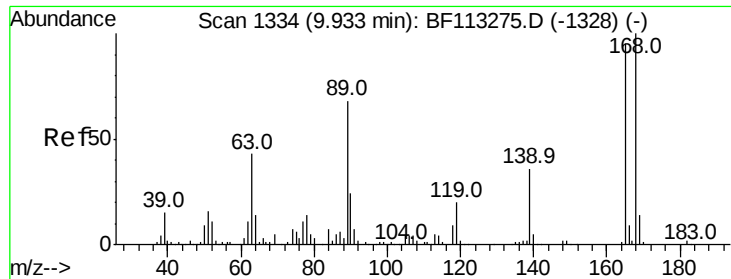
#56
4-Nitrophenol
Concen: 72.244 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.9	46.9	86.9
65	96.2	77.2	117.2



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): BF1





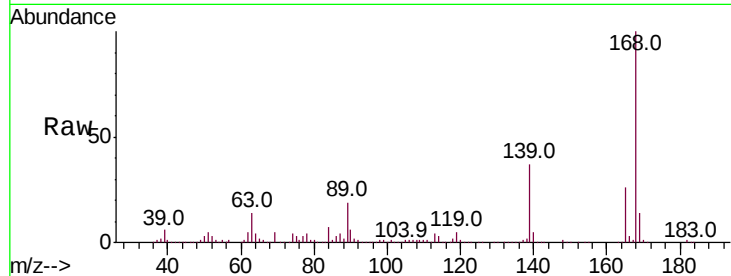
#57
2,4-Dinitrotoluene
Concen: 42.773 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	253544		
63	52.1	37.5	56.3	
89	71.7	57.4	86.2	
182	2.5	2.0	3.0	

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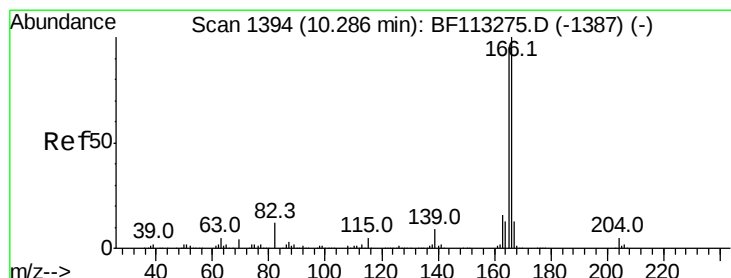
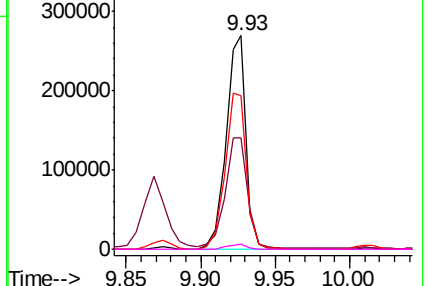
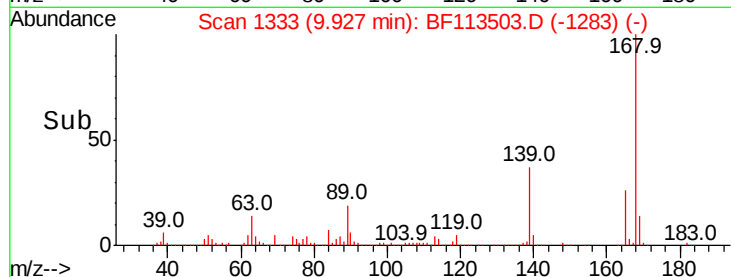
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

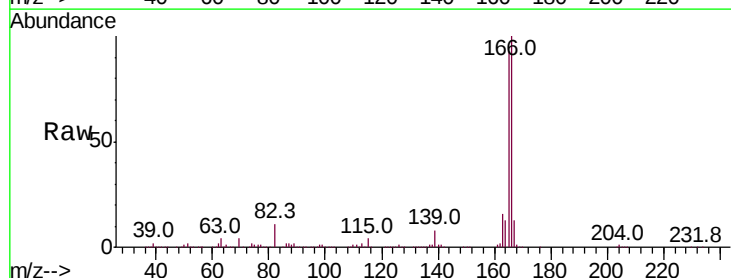
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.095 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	821635		
165	93.3	76.2	114.2	
167	13.1	10.7	16.1	

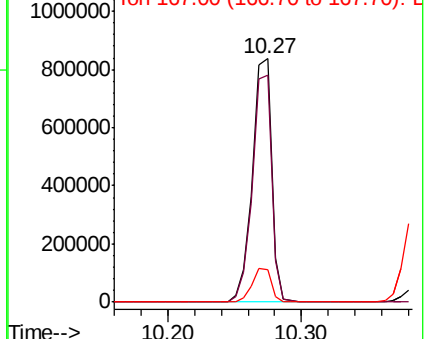
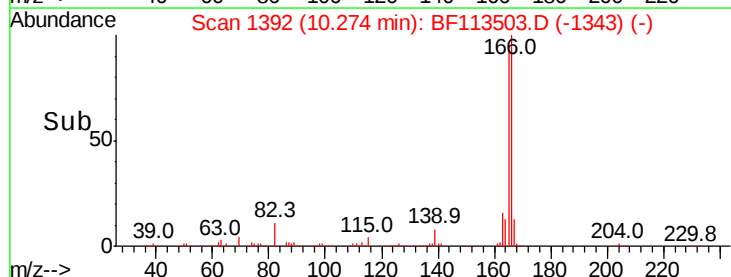


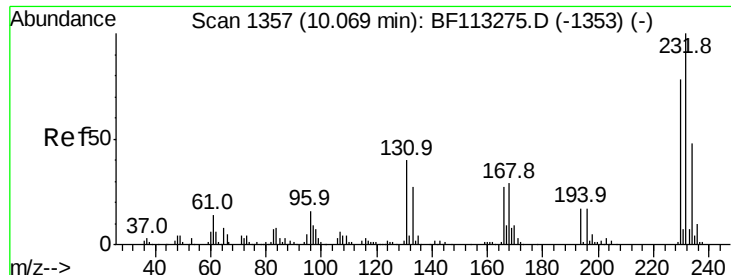
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





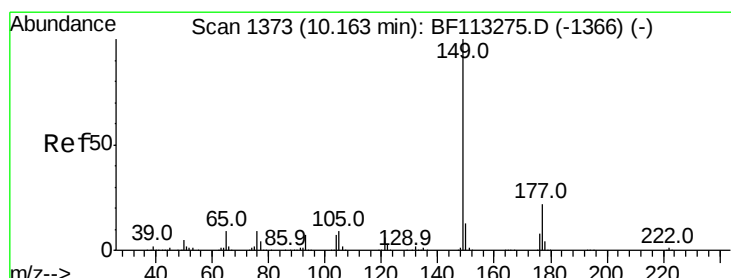
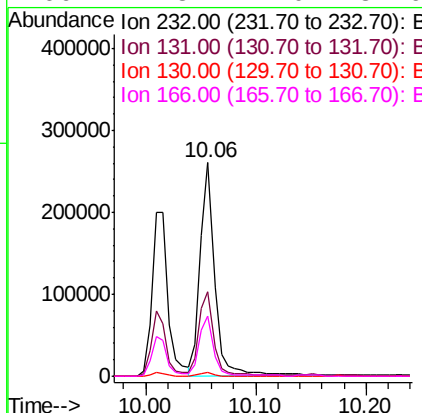
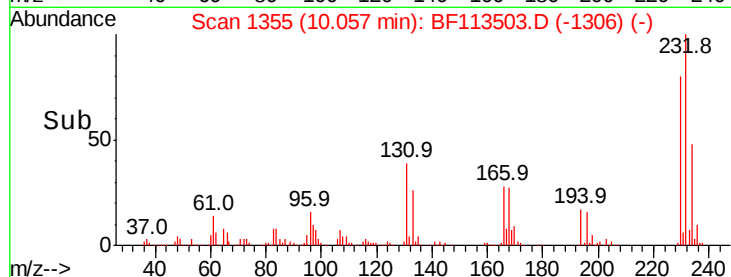
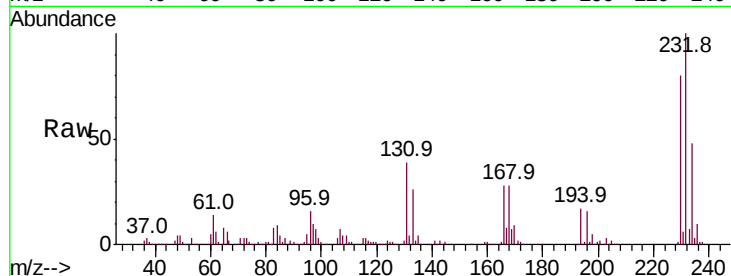
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.566 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	232163		
131	40.5		33.2	49.8
130	1.9		1.6	2.4
166	27.8		21.0	31.6

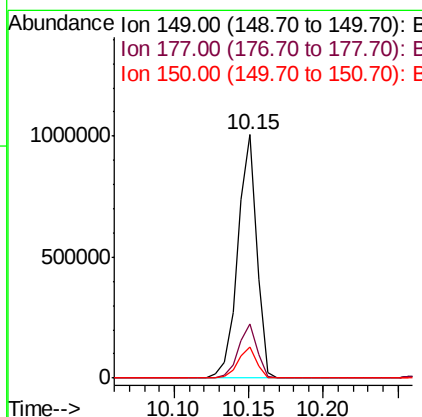
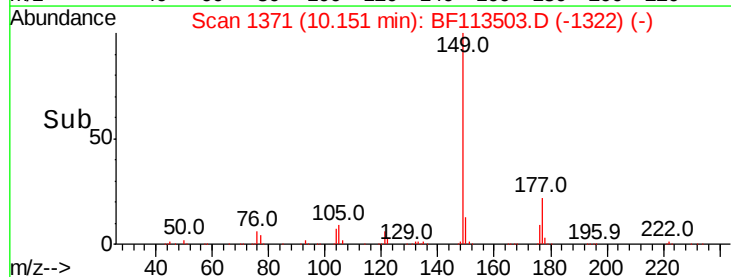
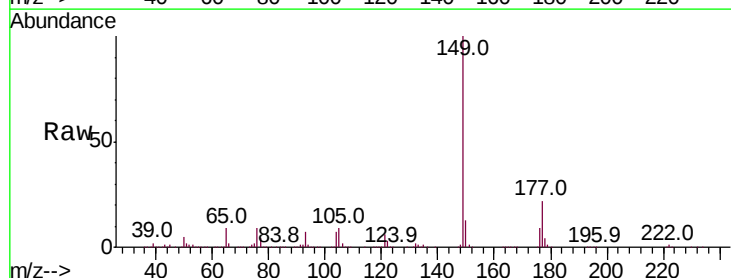
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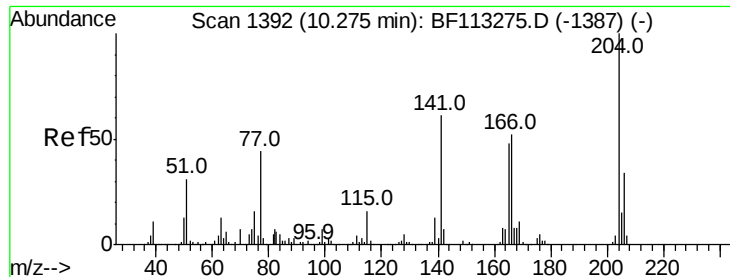
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#60
 Diethylphthalate
 Concen: 44.152 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	894906		
177	22.4		17.4	26.0
150	12.8		10.0	15.0





#61

4-Chlorophenyl-phenylether

Concen: 43.378 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

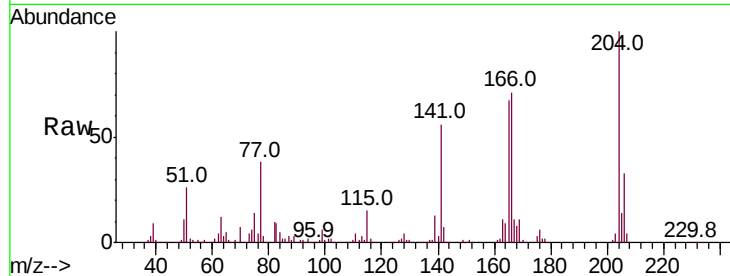
ClientSampleId :

S4B(2-10)MS

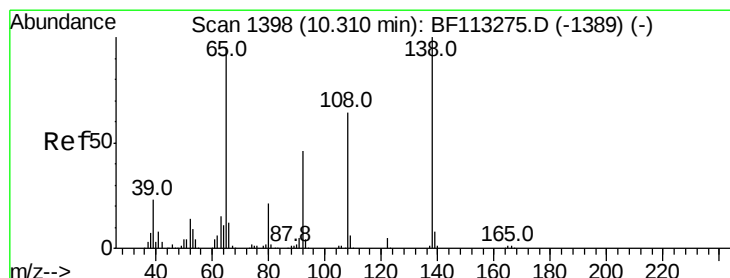
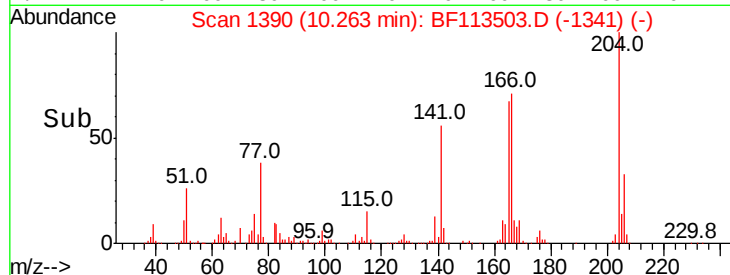
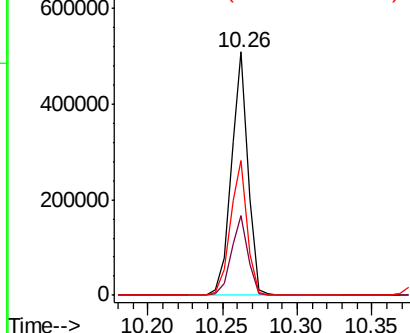
Tot Ion:	204	Resp:	403077
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.9	40.3
141	55.6	48.8	73.2

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



#62

4-Nitroaniline

Concen: 41.975 ng

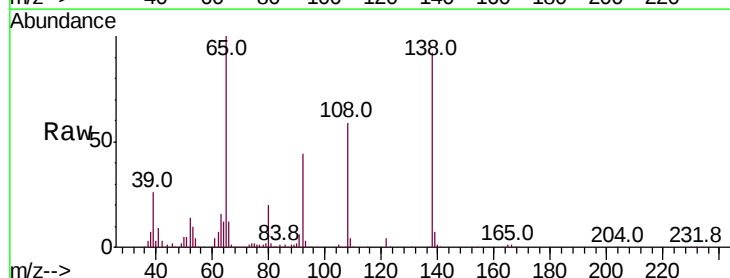
RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

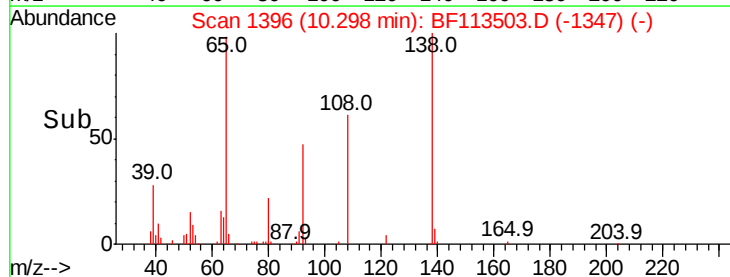
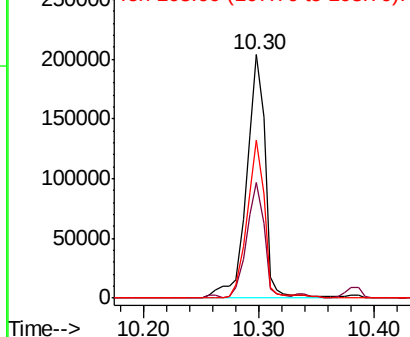
Lab File: BF113503.D

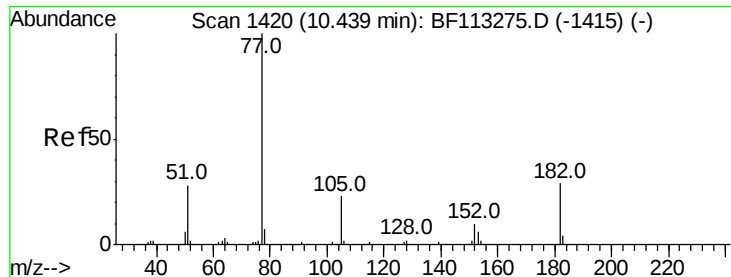
Acq: 2 Apr 2019 14:02

Tgt Ion:	138	Resp:	227170
Ion Ratio	Lower	Upper	
138	100		
92	47.7	25.8	65.8
108	64.7	44.0	84.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





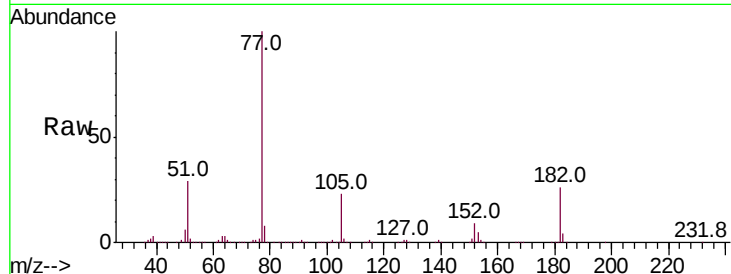
#63
Azobenzene
Concen: 43.033 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	8.7	48.7
105	22.9	2.9	42.9
51	29.3	8.8	48.8

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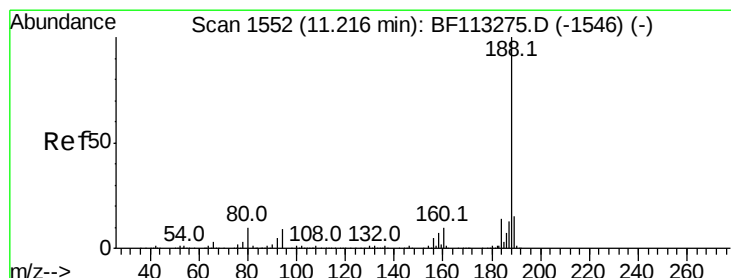
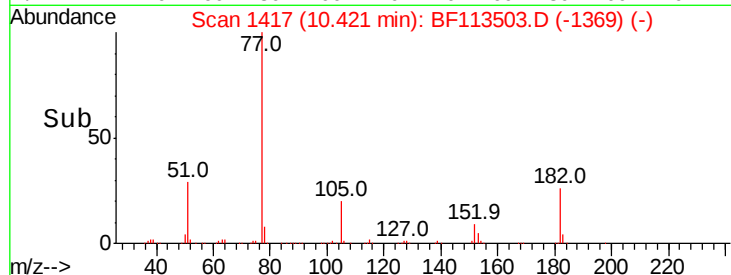
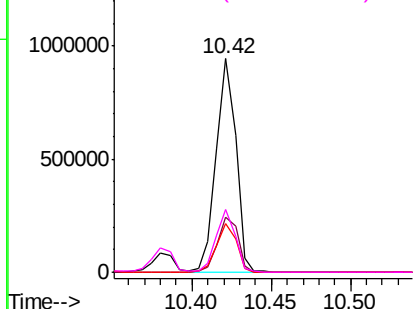
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

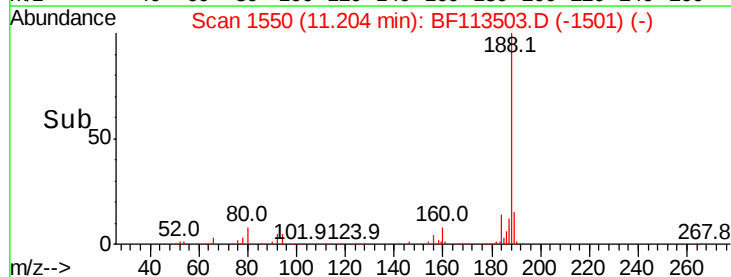
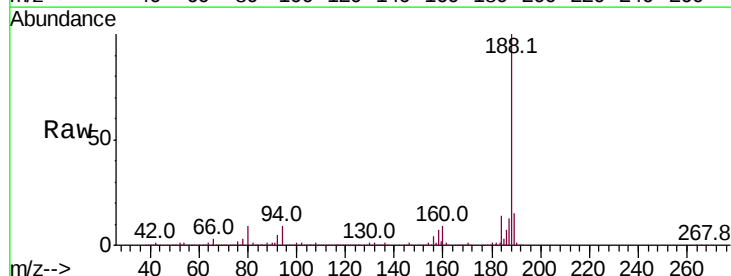
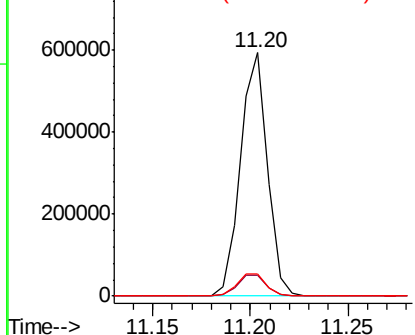
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	8.9	7.7	11.5

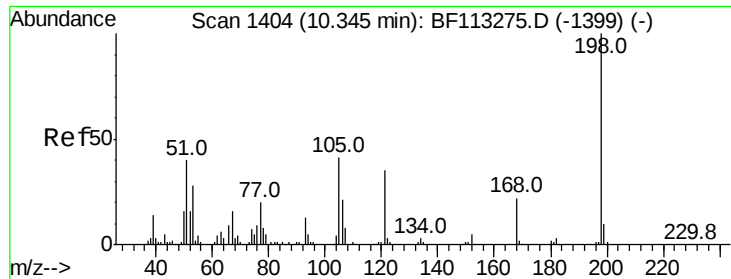
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





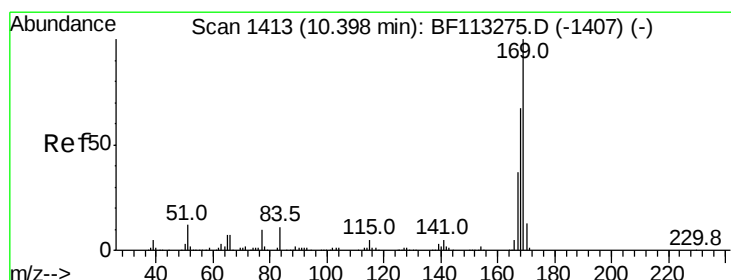
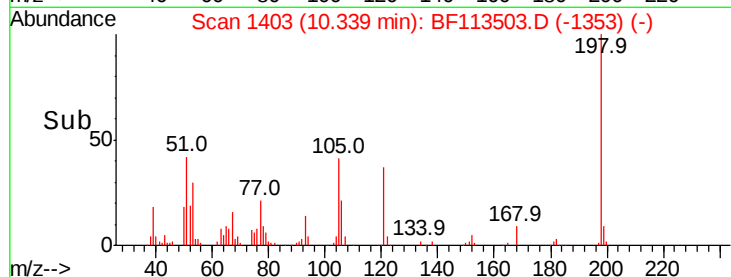
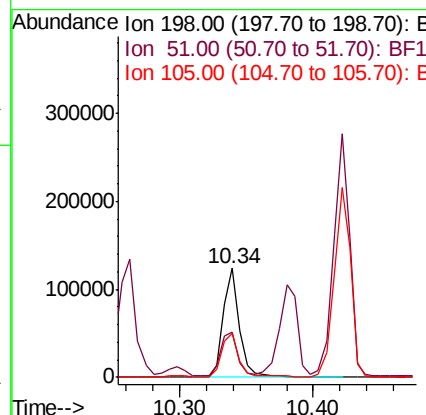
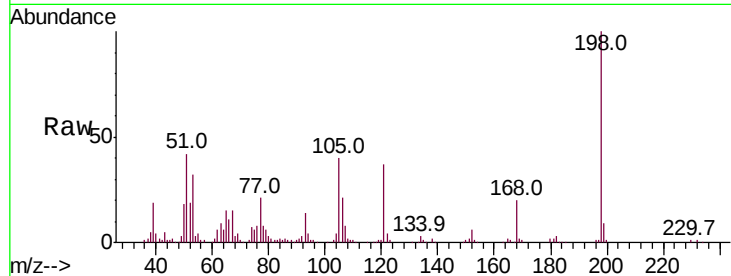
#65
4,6-Dinitro-2-methylphenol
Concen: 34.569 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	107278		
51	42.1		21.6	61.6
105	39.9		20.6	60.6

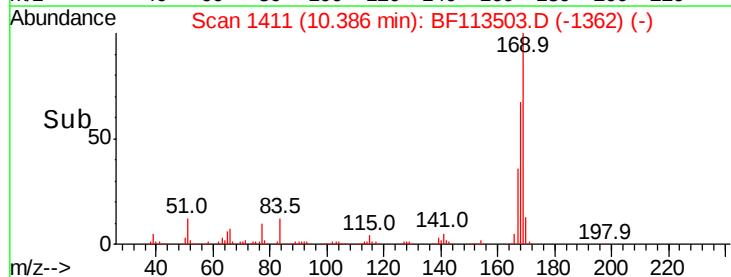
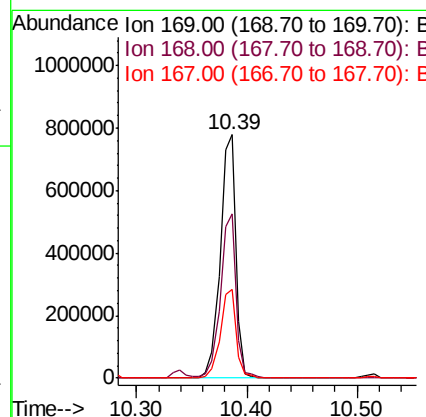
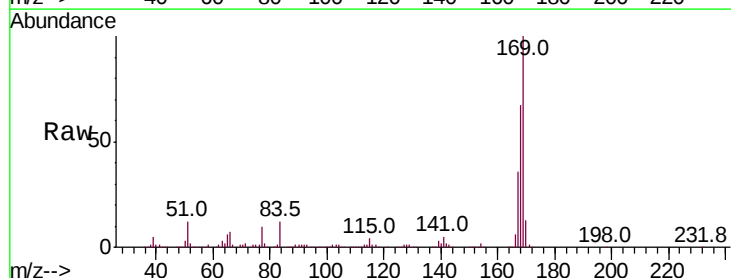
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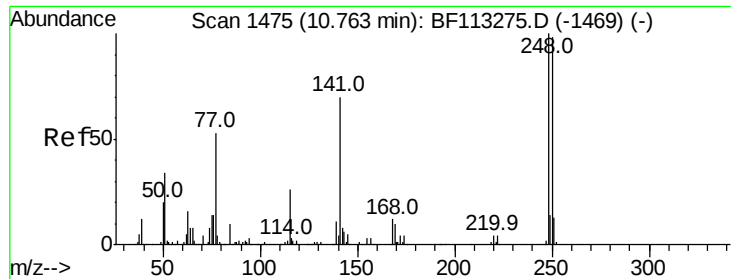
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#66
n-Nitrosodiphenylamine
Concen: 43.480 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	756878		
168	67.2		53.7	80.5
167	36.4		29.5	44.3





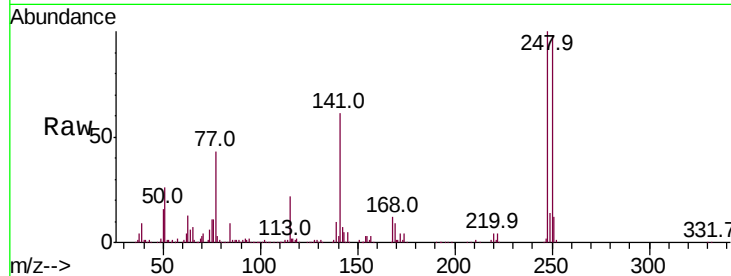
#67
4-Bromophenyl-phenylether
Concen: 43.340 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	60.7	56.2	84.4

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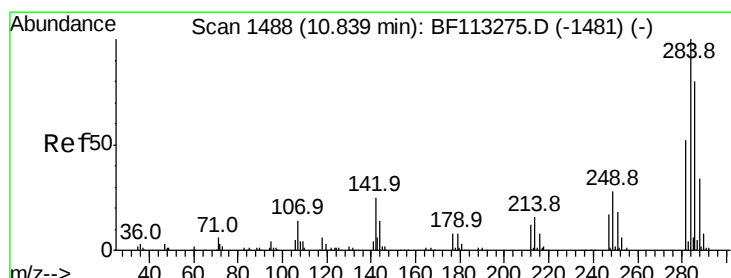
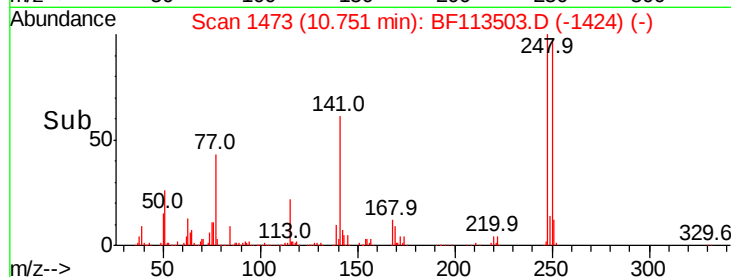
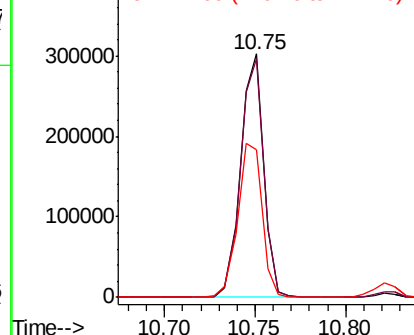


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.435 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

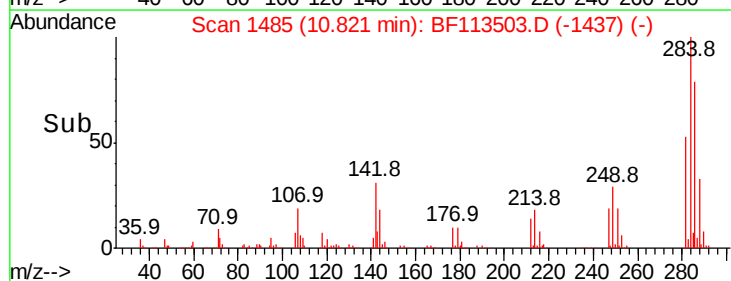
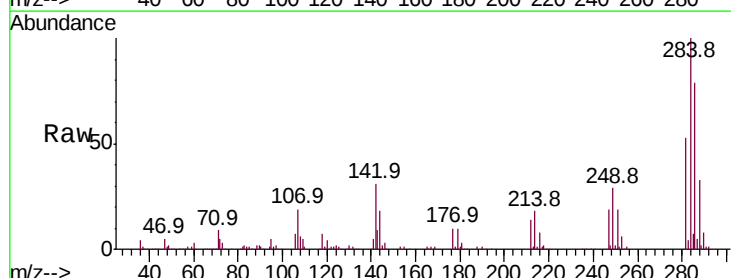
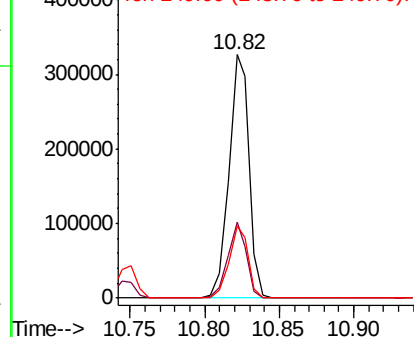
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	20.1	30.1#
249	29.5	22.7	34.1

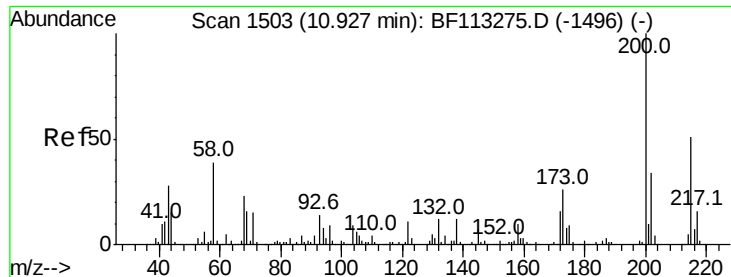
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





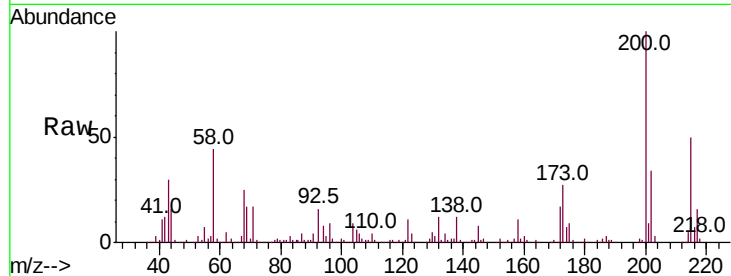
#69
Atrazine
Concen: 44.812 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

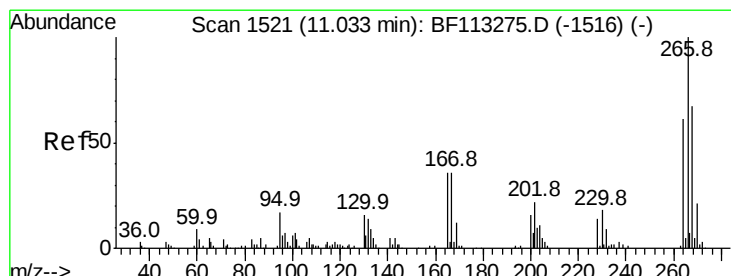
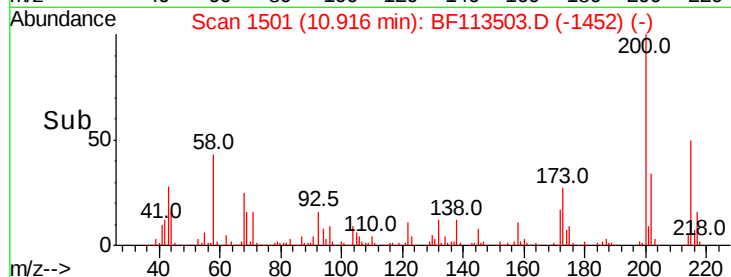
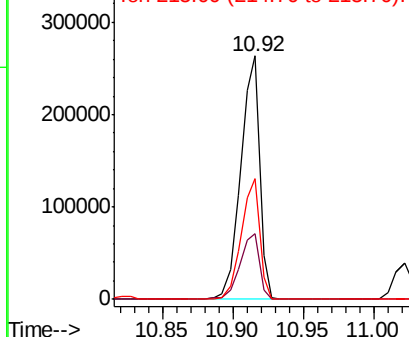
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	6.0	46.0
215	49.7	31.3	71.3

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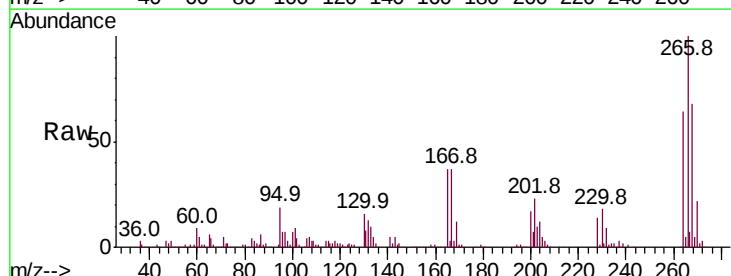


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

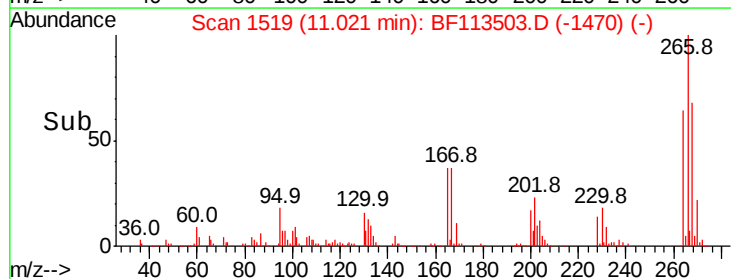
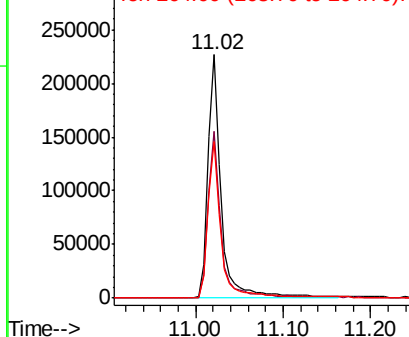


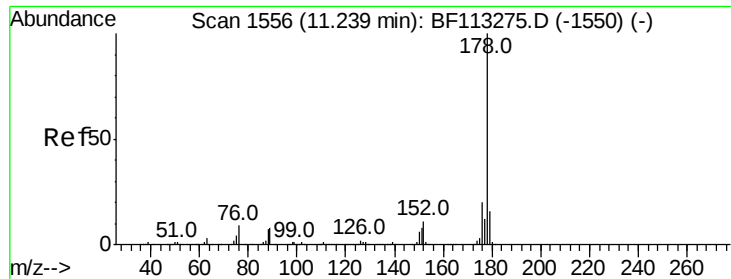
#70
Pentachlorophenol
Concen: 64.971 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.5	53.8	80.6
264	64.3	49.2	73.8



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





#71

Phenanthrene

Concen: 43.159 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tot Ion:178 Resp: 1215869

Ion Ratio Lower Upper

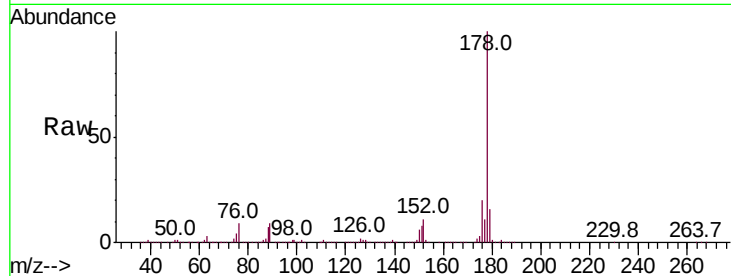
178 100

176 20.1 16.2 24.2

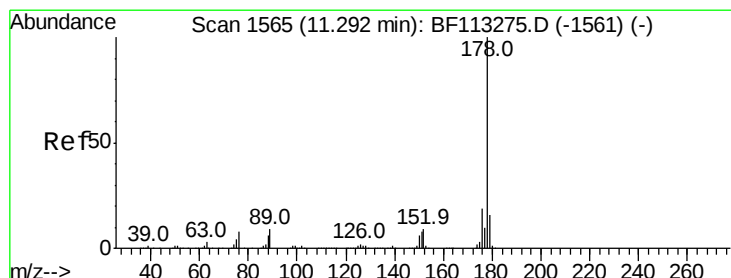
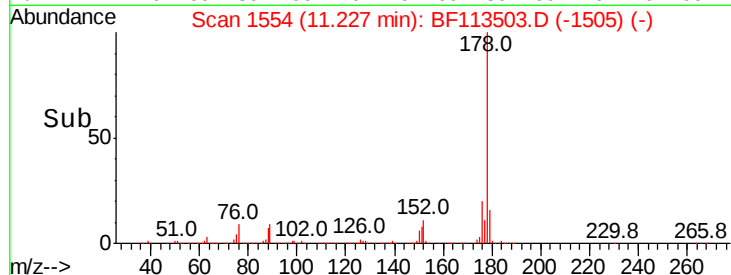
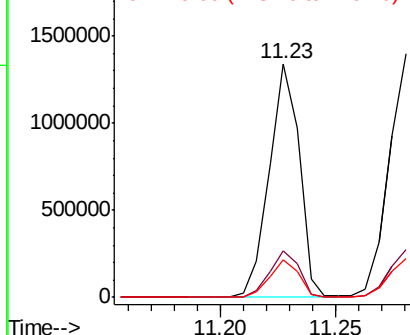
179 15.9 12.7 19.1

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



#72

Anthracene

Concen: 44.284 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Tgt Ion:178 Resp: 1267188

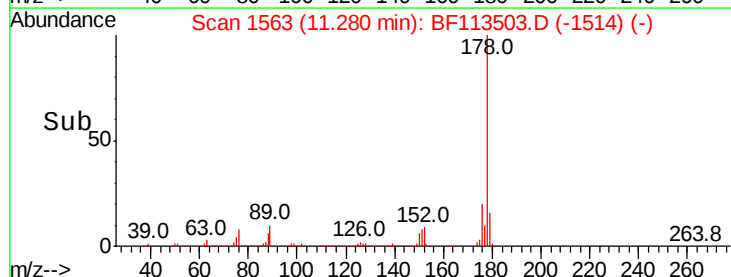
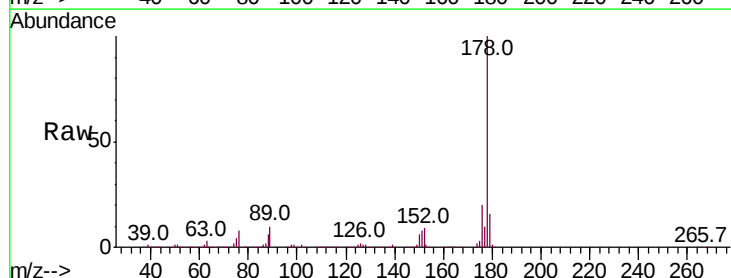
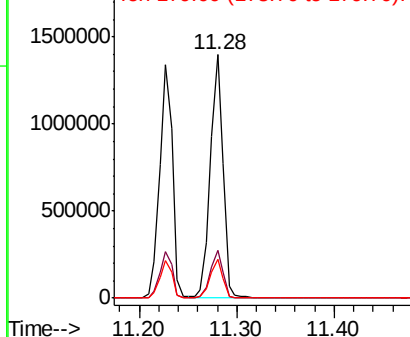
Ion Ratio Lower Upper

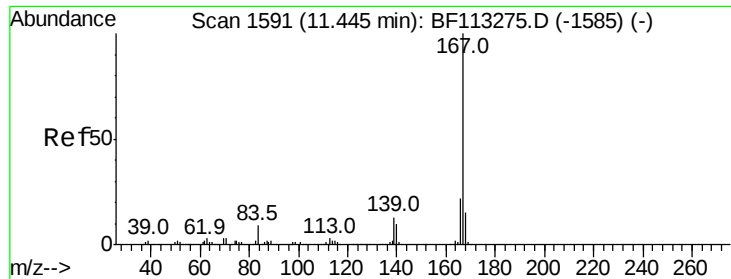
178 100

176 19.5 15.4 23.2

179 16.1 12.8 19.2

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





#73

Carbazole

Concen: 43.527 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tot Ion:167 Resp: 1188516

Ion Ratio Lower Upper

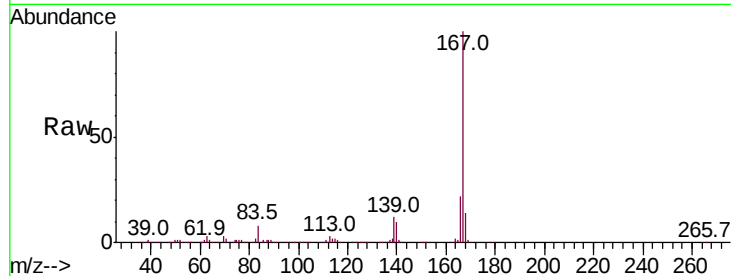
167 100

166 21.6 17.4 26.0

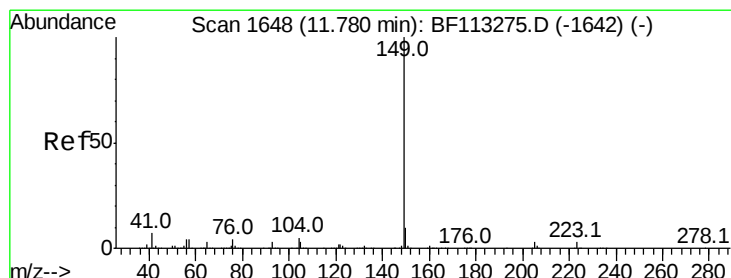
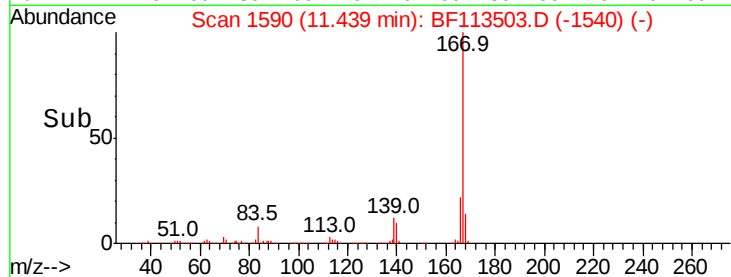
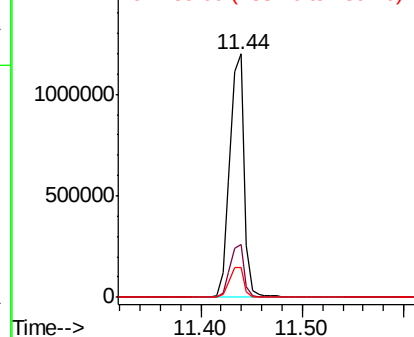
139 12.3 10.4 15.6

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.946 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

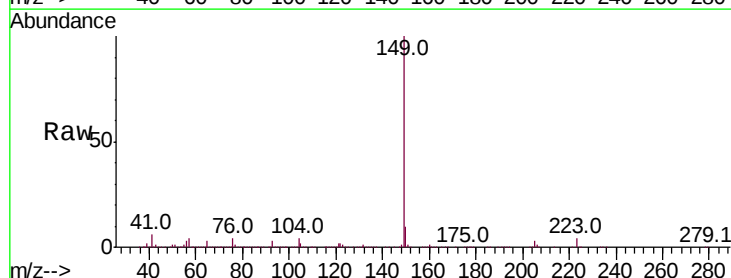
Tgt Ion:149 Resp: 1423169

Ion Ratio Lower Upper

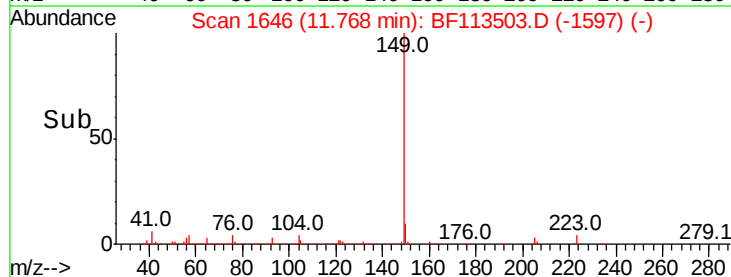
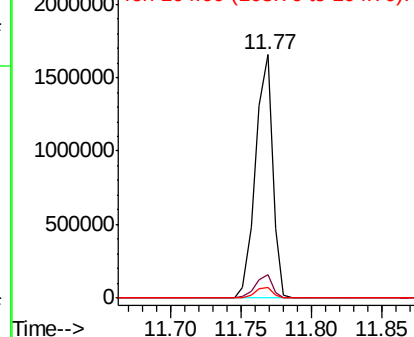
149 100

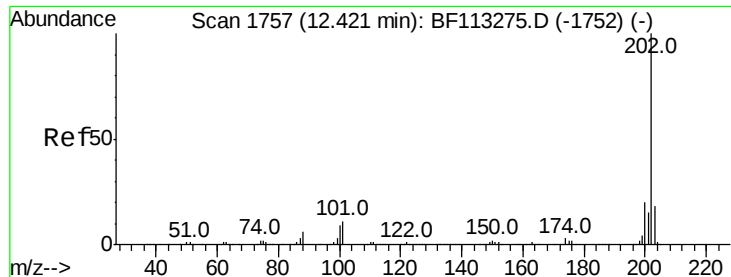
150 9.6 7.7 11.5

104 4.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.657 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tot Ion:202 Resp: 1326673

Ion Ratio Lower Upper

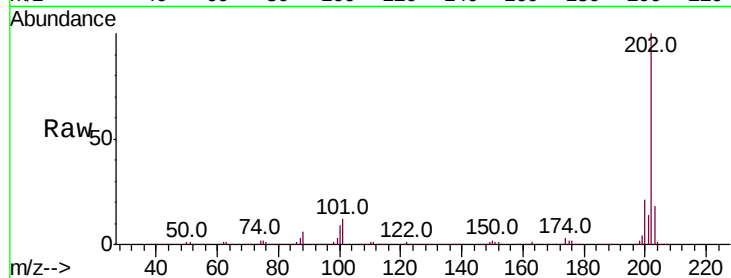
202 100

101 12.1 0.0 31.4

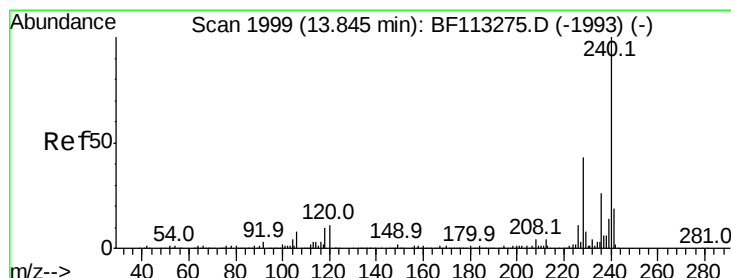
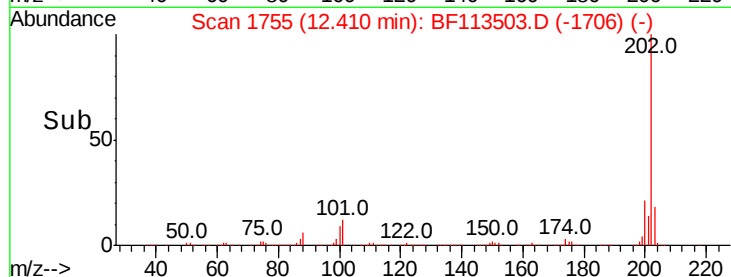
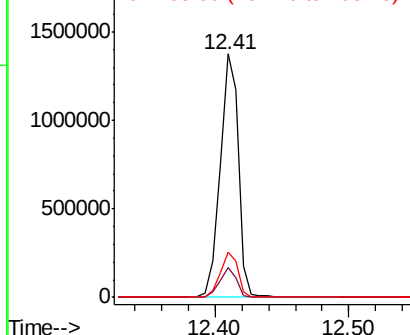
203 18.4 0.0 38.0

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

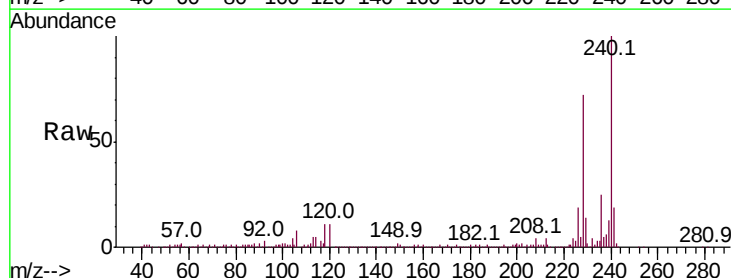
Tgt Ion:240 Resp: 388364

Ion Ratio Lower Upper

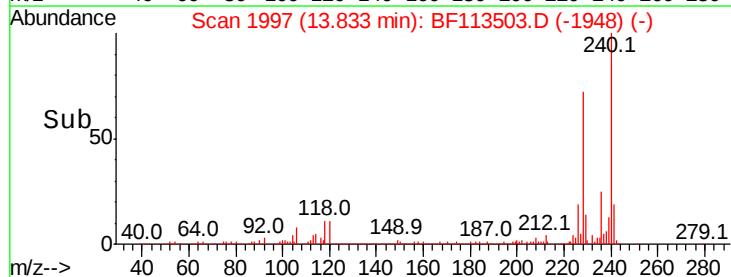
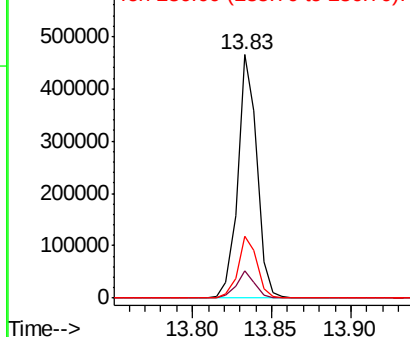
240 100

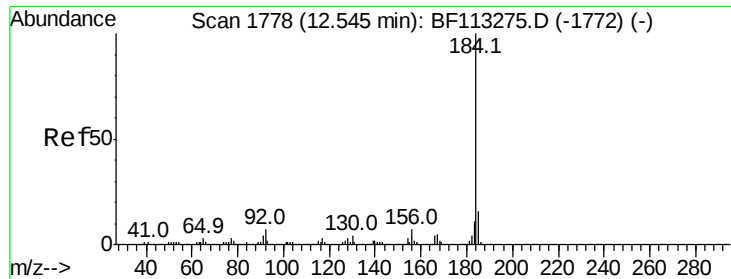
120 11.3 8.8 13.2

236 25.3 20.9 31.3



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





#77

Benzidine

Concen: 13.990 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

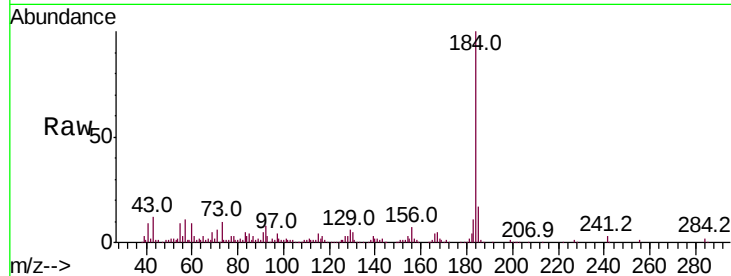
ClientSampleId :

S4B(2-10)MS

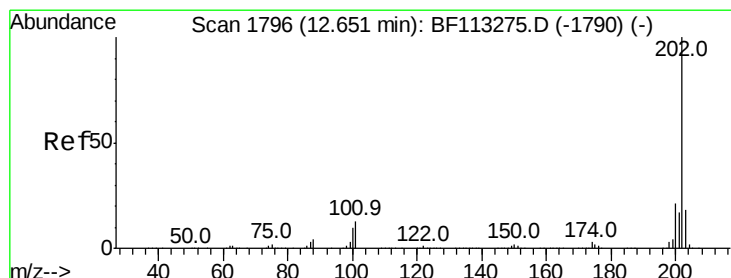
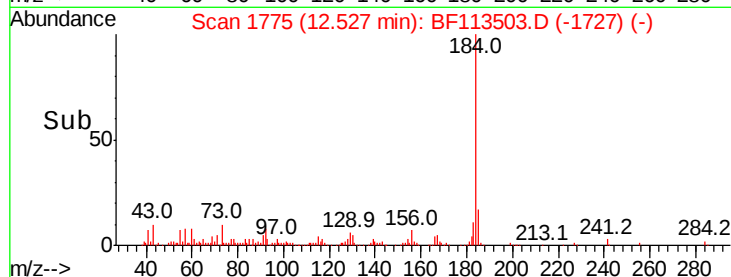
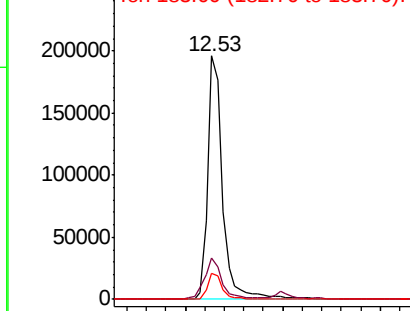
Tot Ion:	184	Resp:	208059
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.0	19.6
183	10.6	9.0	13.4

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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



#78

Pyrene

Concen: 48.871 ng

RT: 12.64 min Scan# 1794

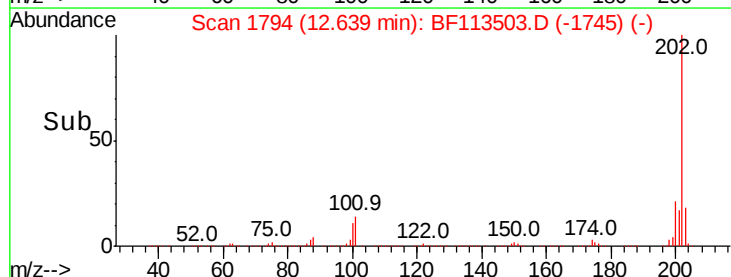
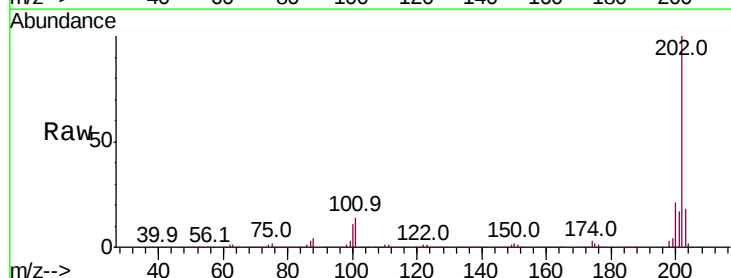
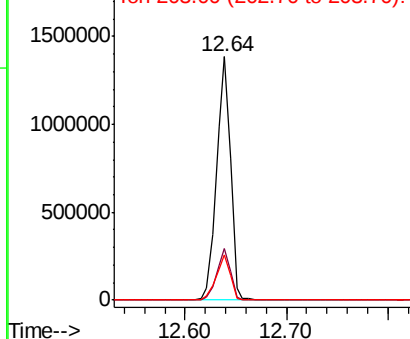
Delta R.T. -0.01 min

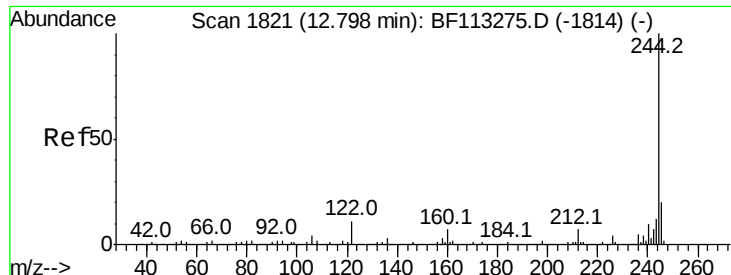
Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Tgt Ion:	202	Resp:	1315236
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.8	25.2
203	18.4	14.4	21.6

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





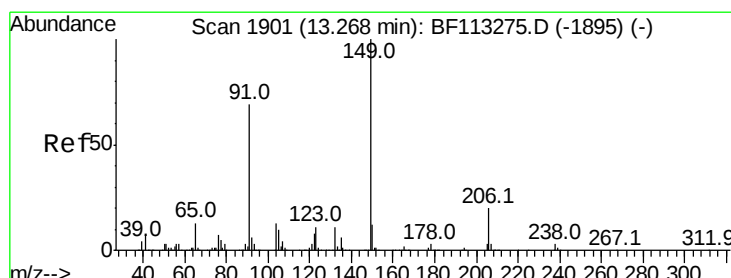
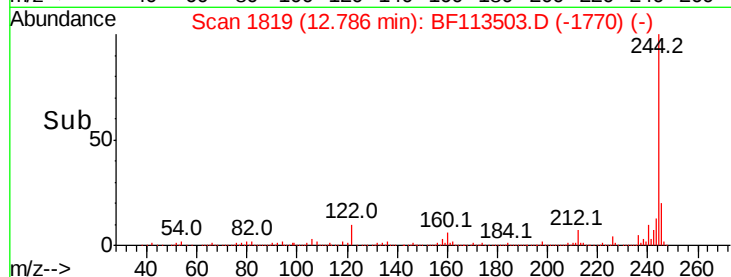
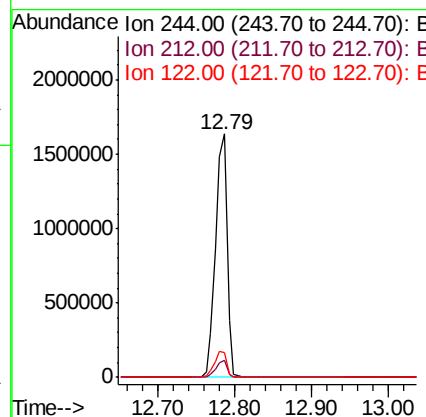
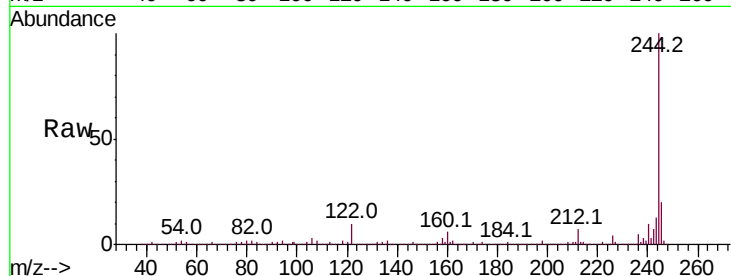
#79
 Terphenyl-d14
 Concen: 95.493 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tot Ion:244 Resp: 1682539
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.1 8.6 13.0

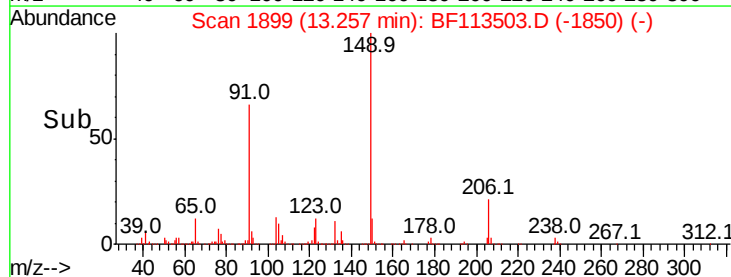
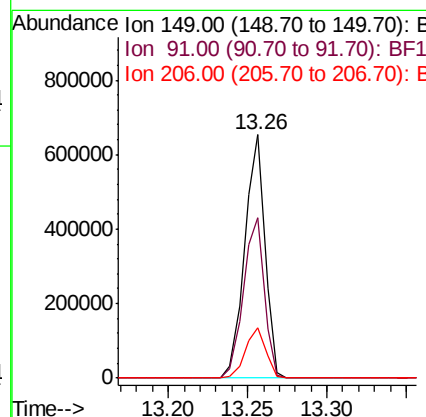
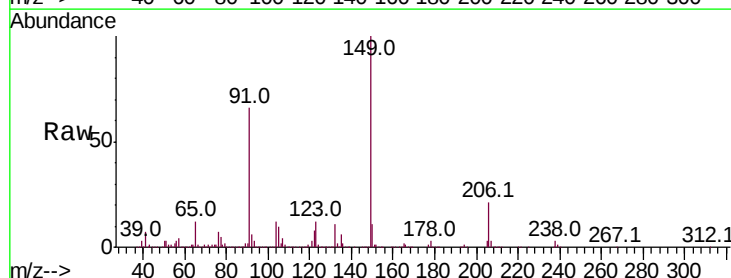
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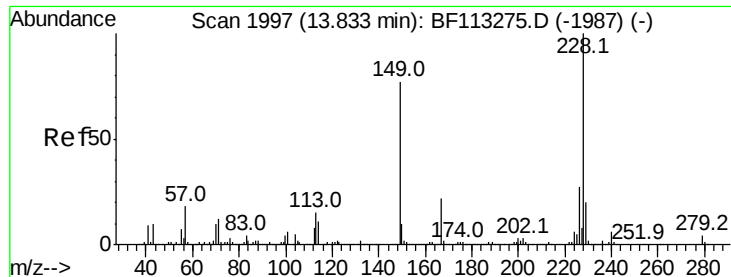
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#80
 Butylbenzylphthalate
 Concen: 48.587 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:149 Resp: 576263
 Ion Ratio Lower Upper
 149 100
 91 65.9 55.2 82.8
 206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 42.061 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

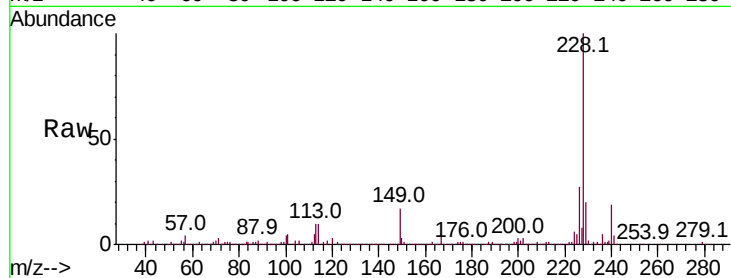
ClientSampleId :

S4B(2-10)MS

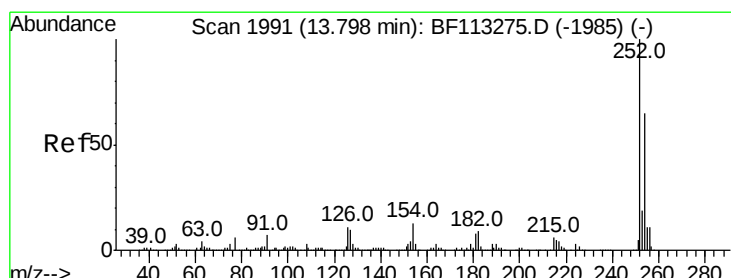
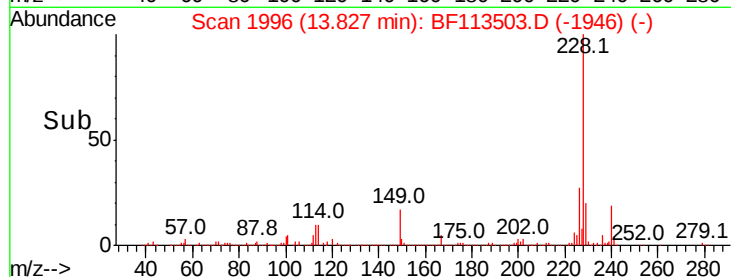
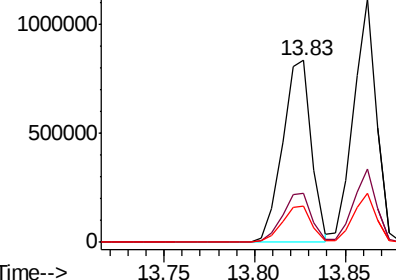
Tot Ion:	228	Resp:	935037
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.8
229	19.9	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 14.902 ng

RT: 13.79 min Scan# 1989

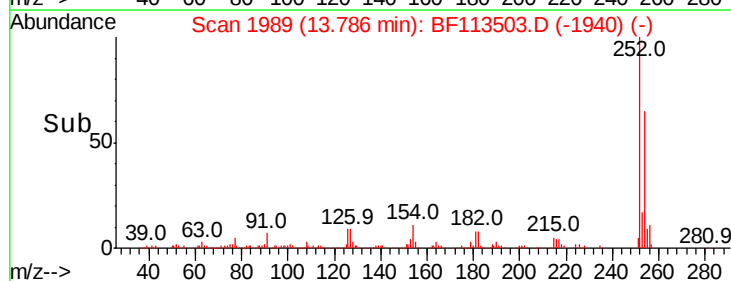
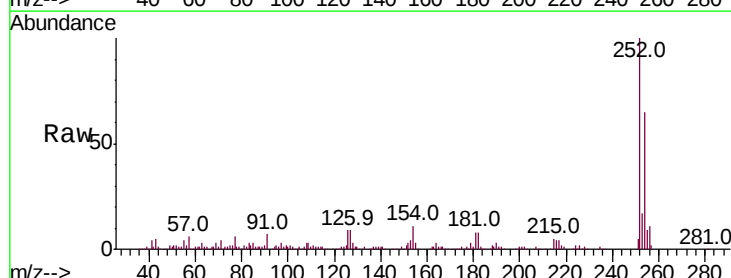
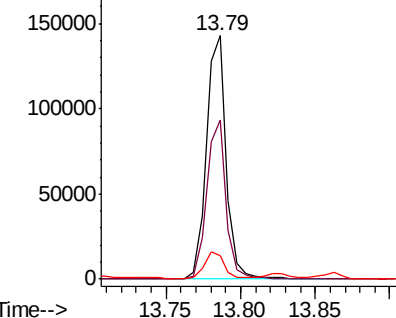
Delta R.T. -0.01 min

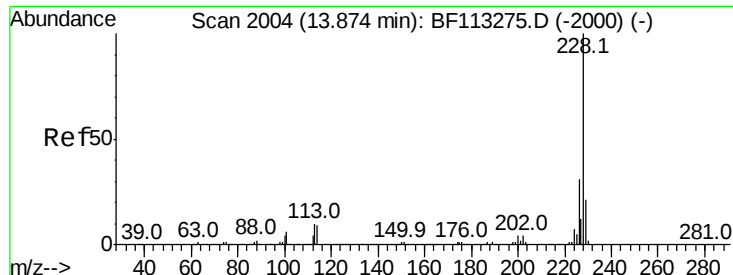
Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Tgt Ion:	252	Resp:	132896
Ion Ratio	Lower	Upper	
252	100		
254	65.5	52.2	78.2
126	9.4	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
200000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





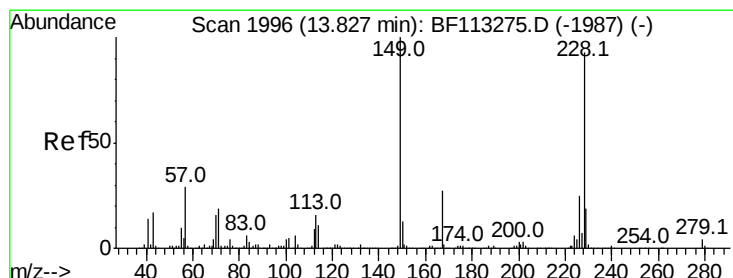
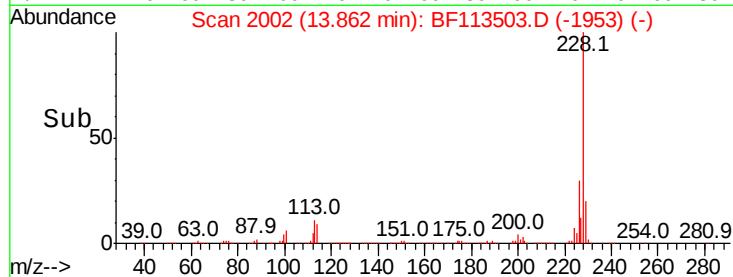
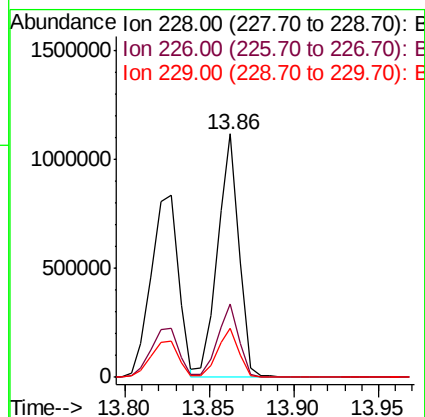
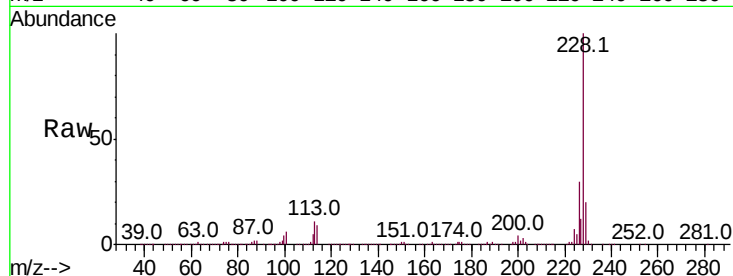
#83
 Chrvsene
 Concen: 43.585 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tot Ion:	228	Resp:	984157
Ion Ratio		Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.2	16.3	24.5

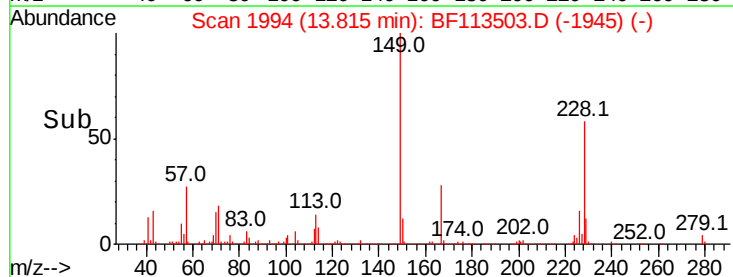
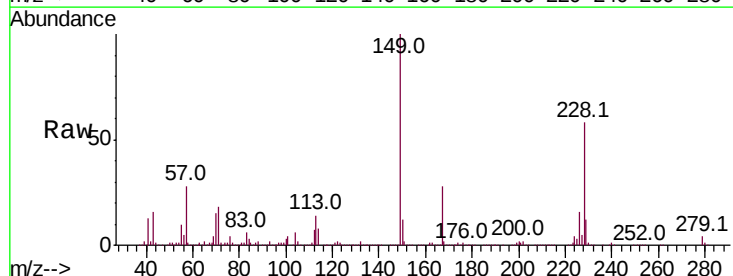
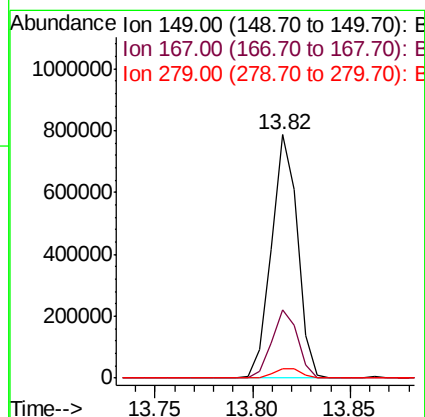
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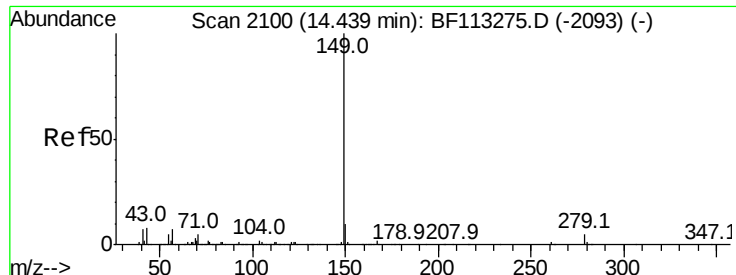
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.992 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:	149	Resp:	726875
Ion Ratio		Lower	Upper
149	100		
167	27.8	21.8	32.8
279	3.9	2.9	4.3





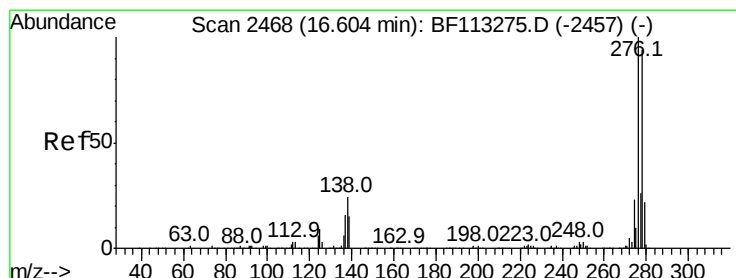
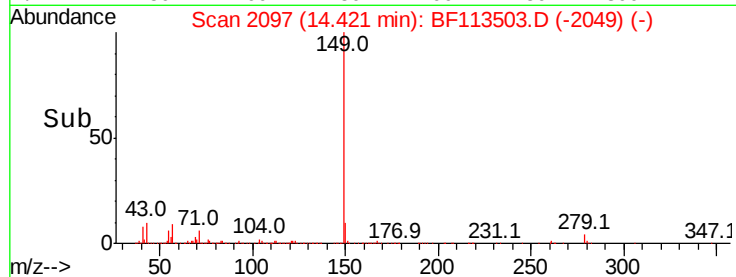
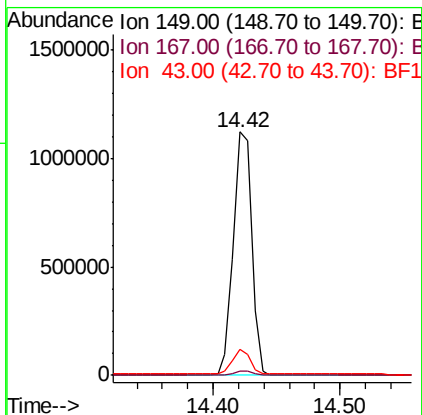
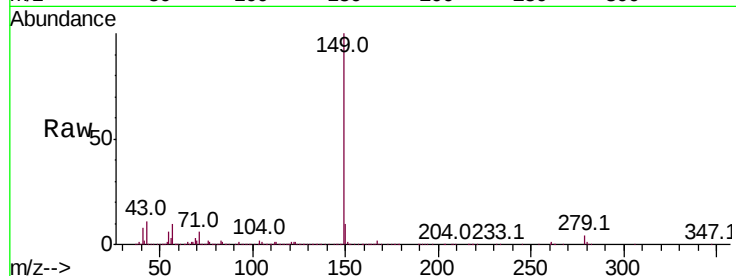
#85
Di-n-octyl phthalate
Concen: 45.323 ng
RT: 14.42 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.7	7.7	11.5

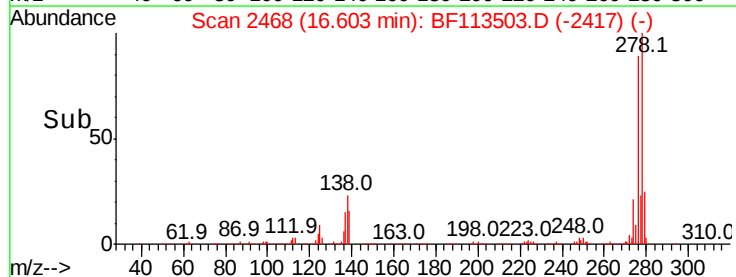
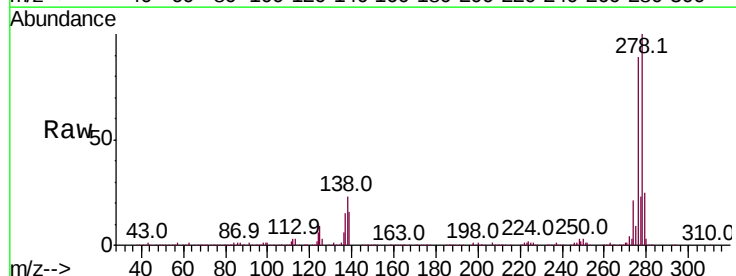
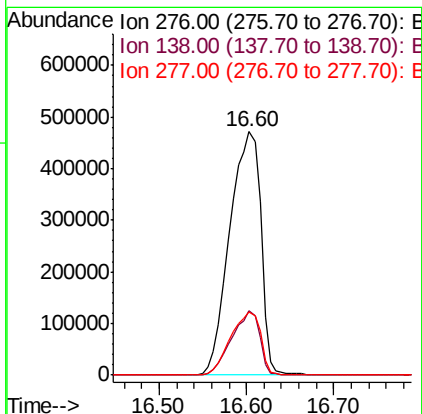
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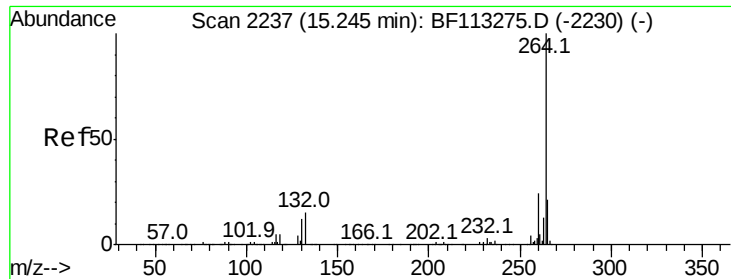
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#86
Indeno(1,2,3-cd)pyrene
Concen: 58.592 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.1	27.1
277	25.1	20.2	30.4





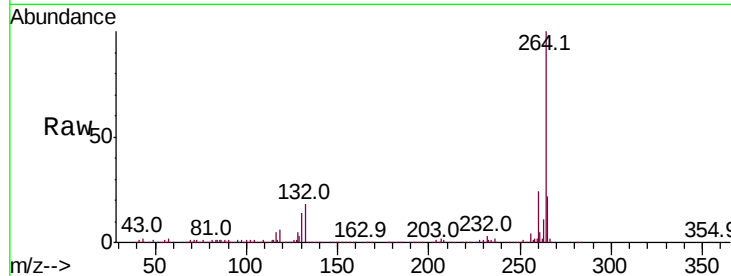
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	17.1	25.7

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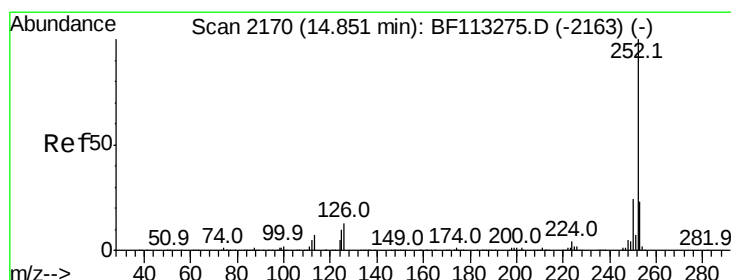
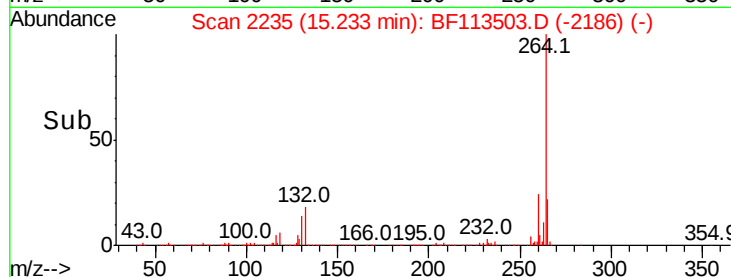
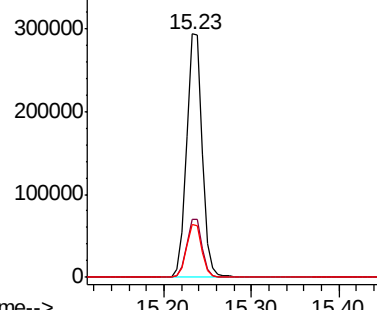


Abundance

Ion 264.00 (263.70 to 264.70): E

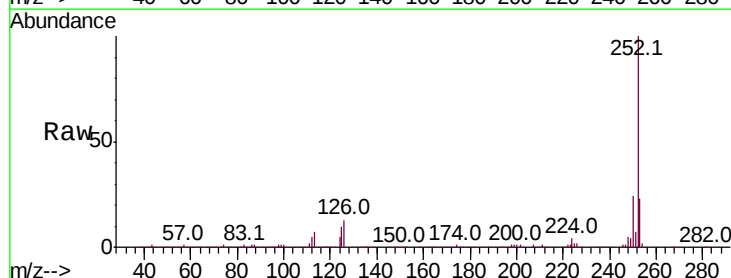
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.038 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.9	7.6	11.4

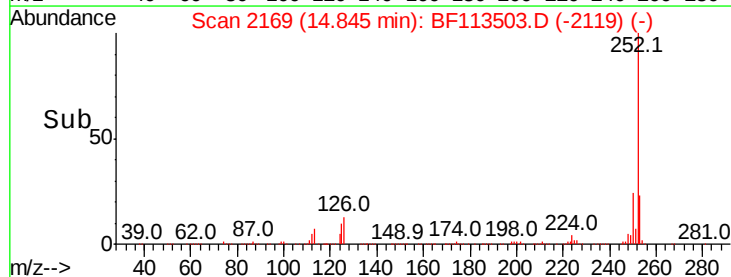
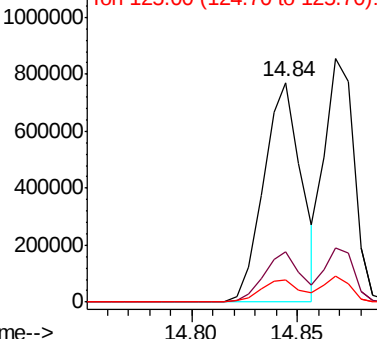


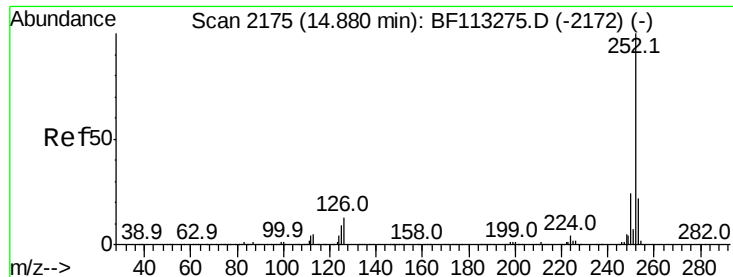
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





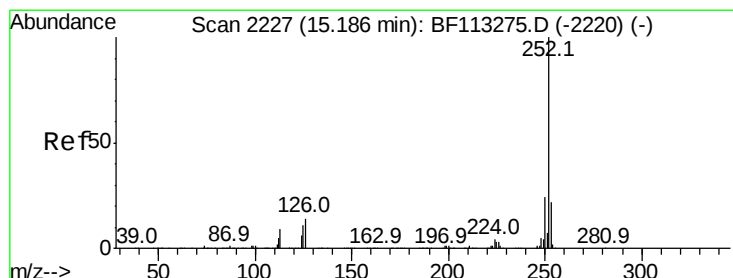
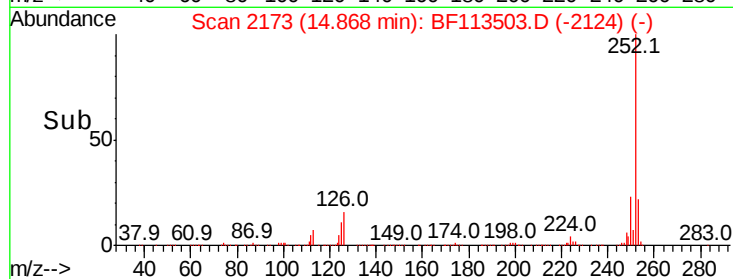
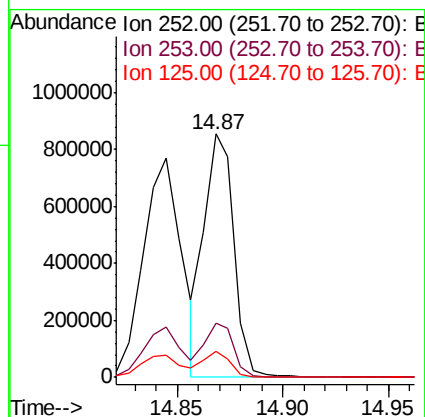
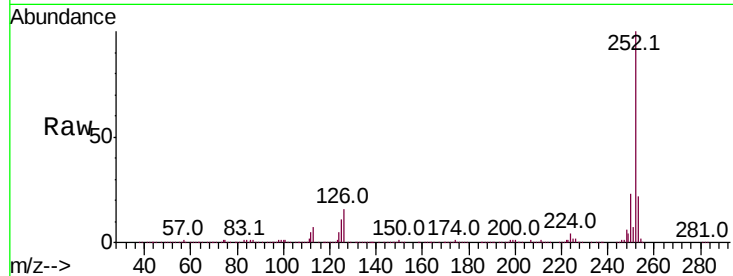
#89
Benzo(k)fluoranthene
Concen: 41.812 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.8	7.3	10.9

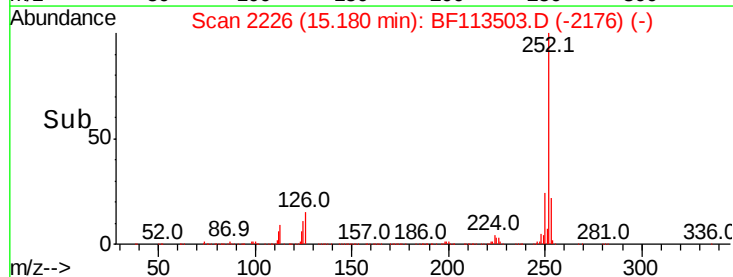
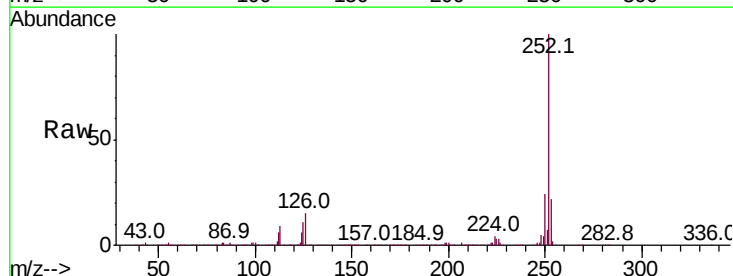
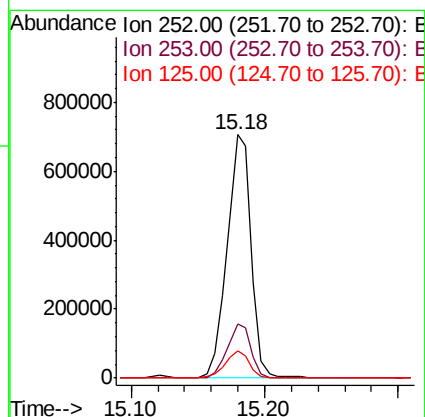
Manual Integrations
APPROVED

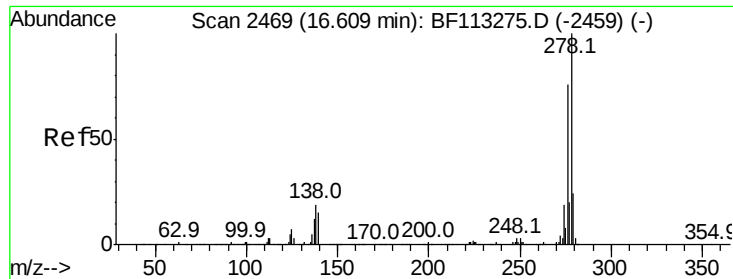
sohil
4/3/2019 4:27:23 AM



#90
Benzo(a)pyrene
Concen: 44.253 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.5	8.8	13.2





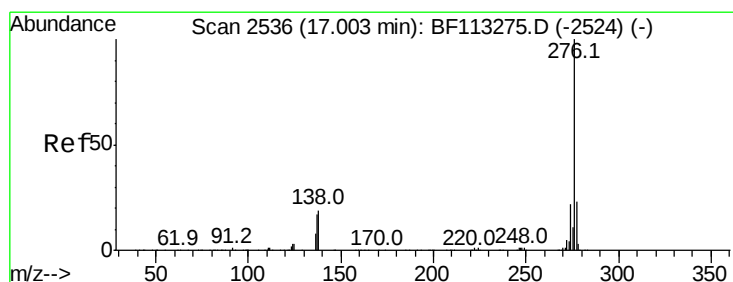
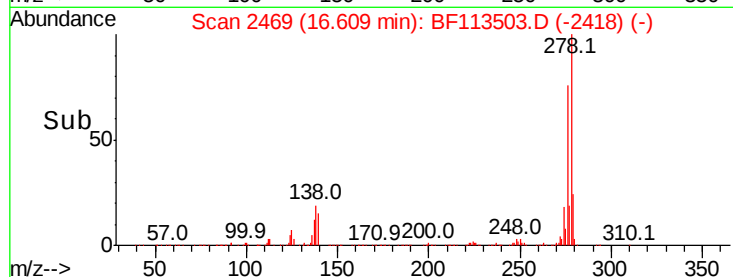
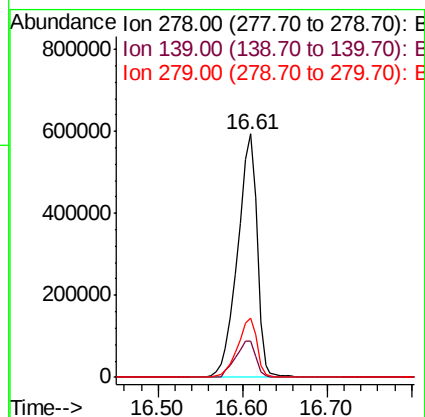
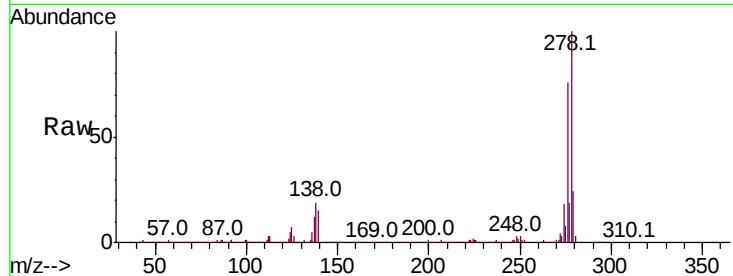
#91
Dibenzo(a,h)anthracene
Concen: 53.970 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	24.2	19.0	28.6

Manual Integrations
APPROVED

sohil
4/3/2019 4:27:23 AM



#92
Benzo(g,h,i)perylene
Concen: 56.231 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.6	15.6	23.4

