

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113310.D
 Acq On : 27 Mar 2019 00:19
 Operator : JU/SJ
 Sample : K2103-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-3H-B

Quant Time: Mar 27 05:03:10 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	6.70	152	184241	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	640355	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	297378	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	581851	20.00	ng	0.00
76) Chrysene-d12	13.83	240	339688	20.00	ng	-0.01
87) Perylene-d12	15.23	264	416414	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	475716	42.22	ng	0.00
7) Phenol-d6	6.35	99	414085	29.05	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1019979	94.54	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	285332	77.68	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1786346	96.55	ng	0.00
79) Terphenyl-d14	12.79	244	1373573	89.13	ng	0.00

Target Compounds

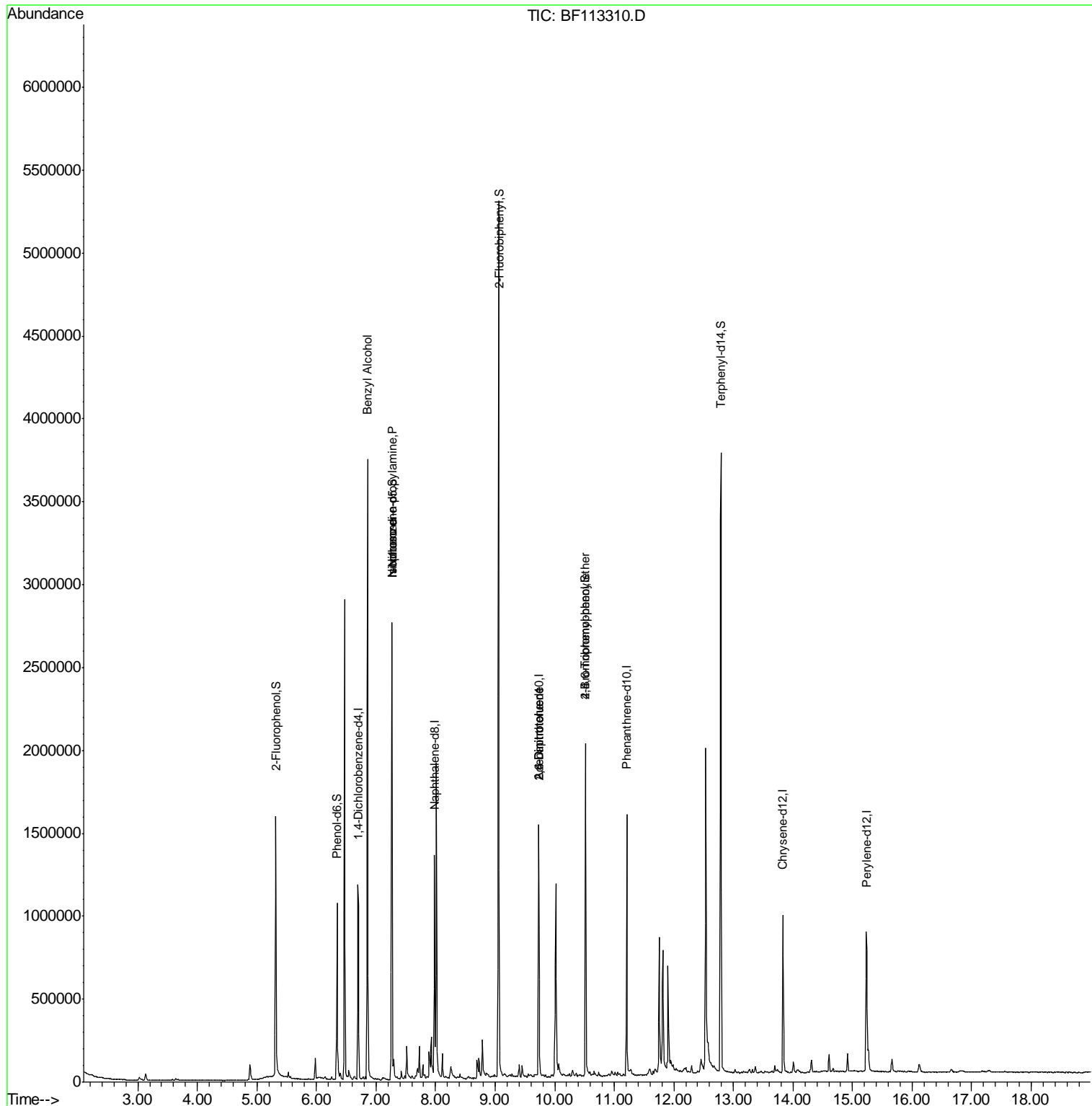
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.86	79	54212	5.765	ng	# 69
19) n-Nitroso-di-n-propylamine	7.27	70	135170	15.097	ng	# 76
20) 3+4-Methylphenols	7.14	107	2845	Below Cal		# 73
25) Isophorone	7.27	82	1005891	48.110	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	38063	7.656	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	38063	6.020	ng	# 24
67) 4-Bromophenyl-phenylether	10.52	248	15467	2.439	ng	# 1

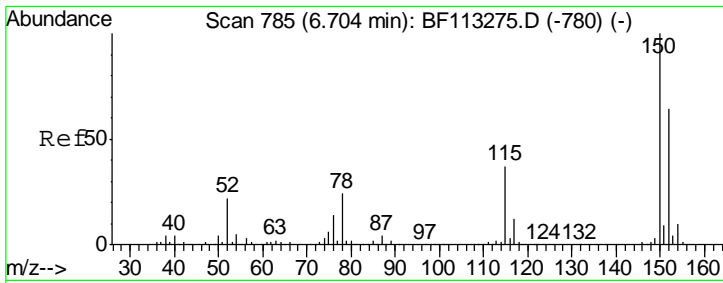
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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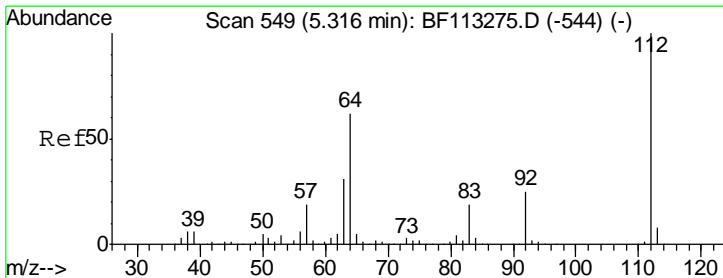
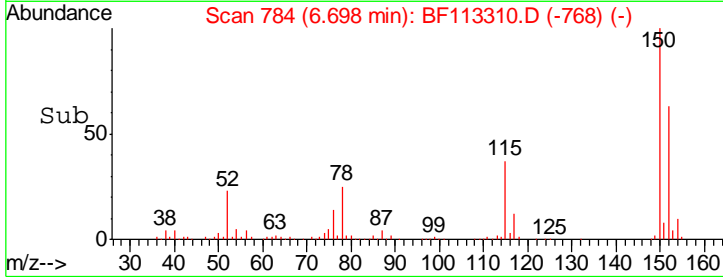
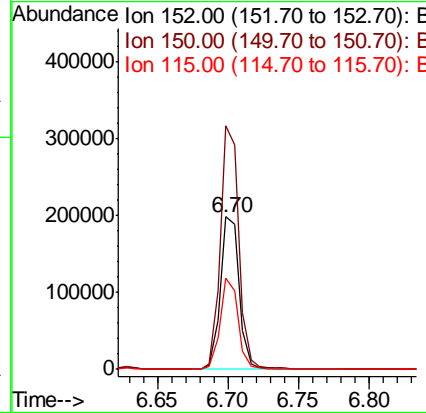
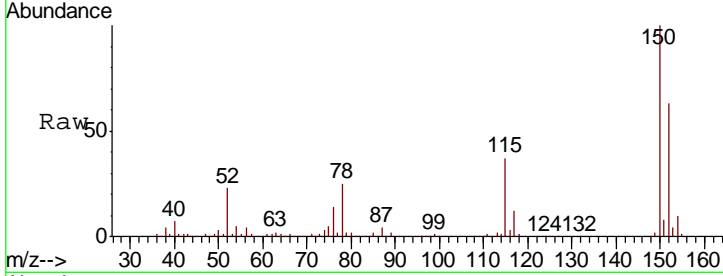




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

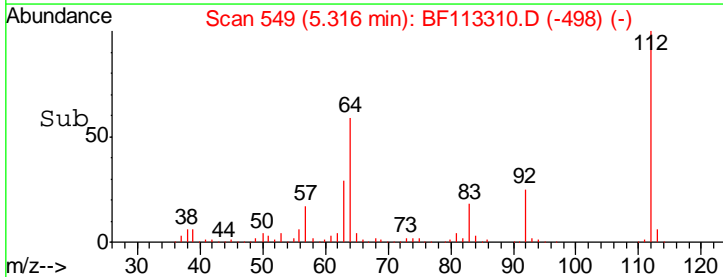
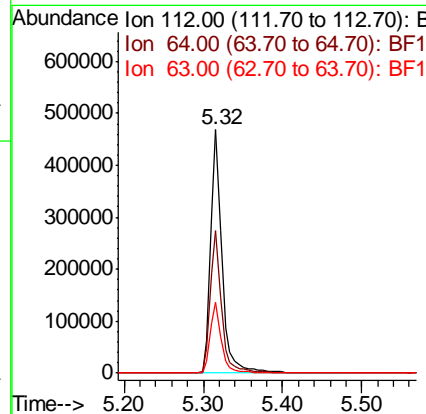
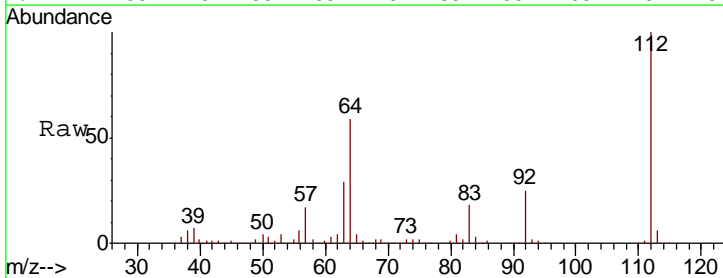
Instrument :
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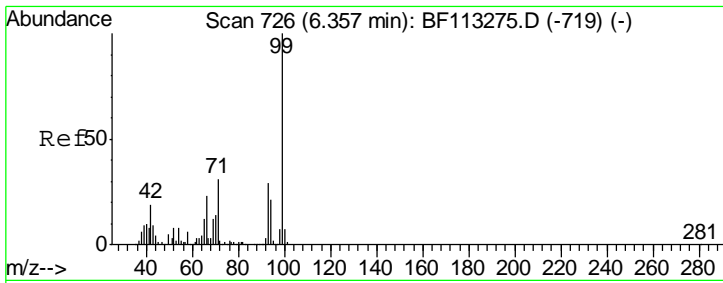
Tgt Ion	Resp	Lower	Upper
152	184241		
150	159.6	124.7	187.1
115	59.7	46.0	69.0



#5
 2-Fluorophenol
 Concen: 42.219 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
112	475716		
64	58.6	49.2	73.8
63	29.1	24.9	37.3

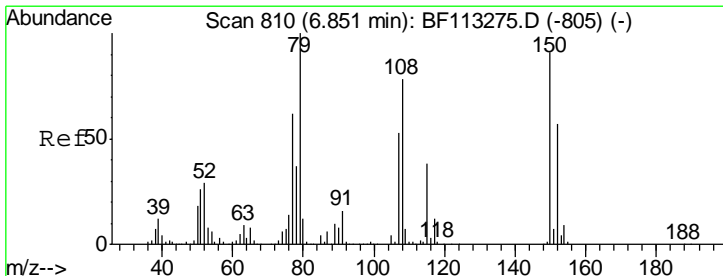
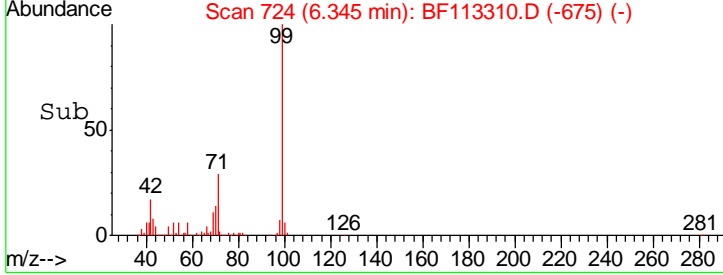
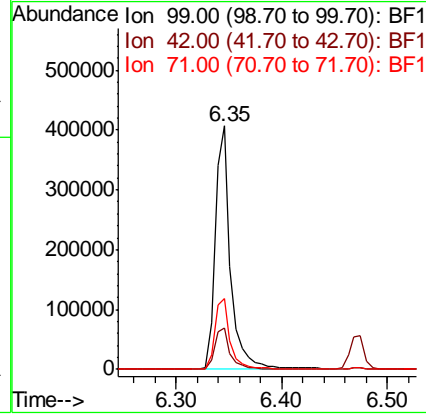
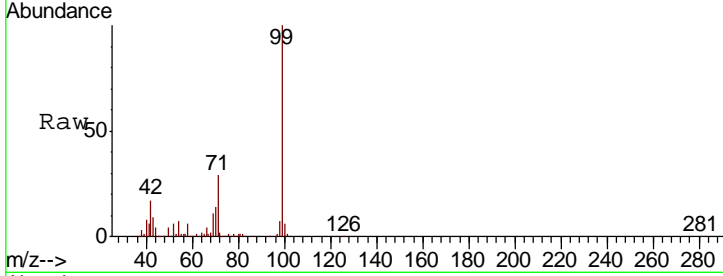




#7
 Phenol-d6
 Concen: 29.050 ng
 RT: 6.35 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

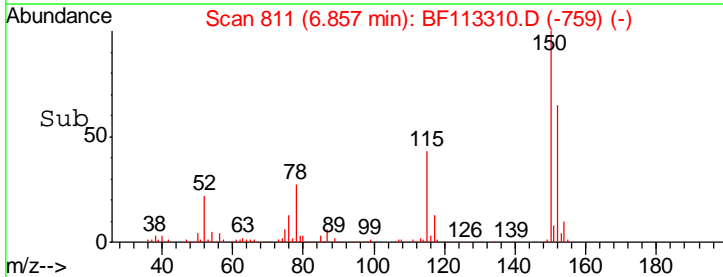
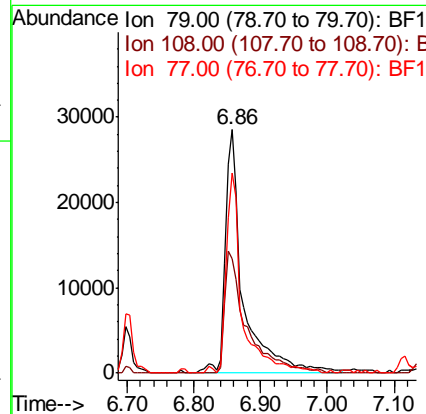
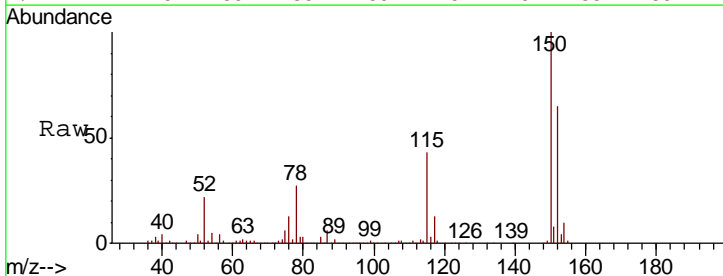
Instrument :
 BNA_F
 ClientSampled :
 MH-C02-SETTLED-3H-B

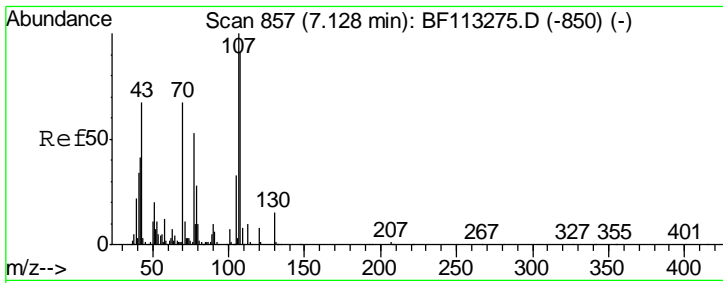
Tgt Ion	Resp	Lower	Upper
99	414085		
42	16.7	14.8	22.2
71	29.1	24.9	37.3



#15
 Benzyl Alcohol
 Concen: 5.765 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
79	54212		
108	47.1	62.0	93.0#
77	82.1	49.9	74.9#

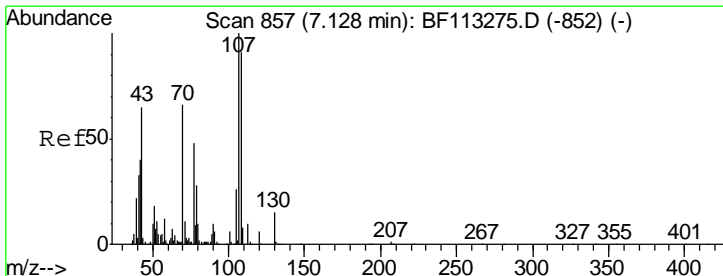
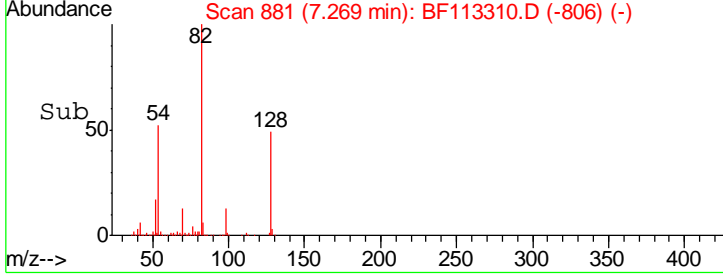
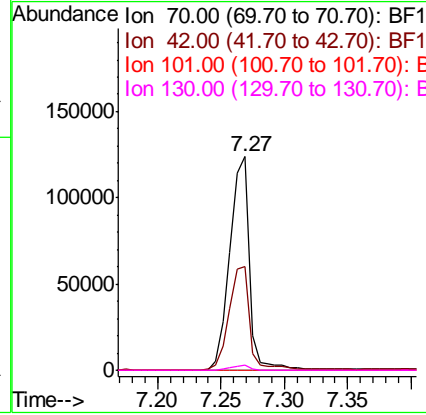
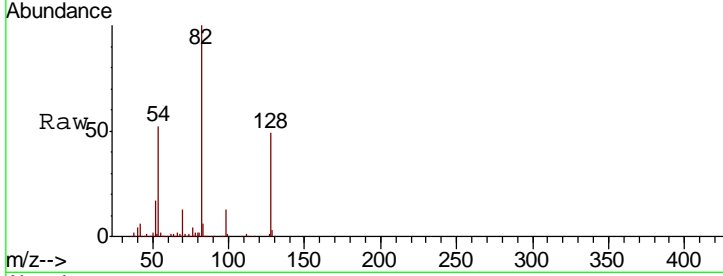




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.097 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.14 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

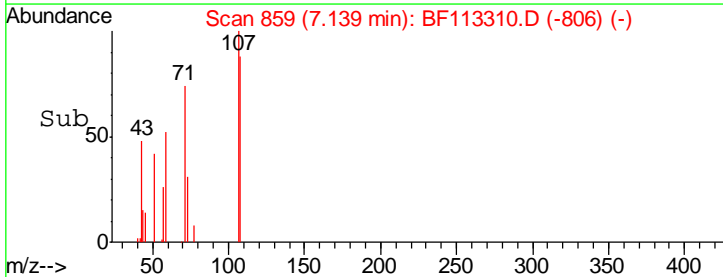
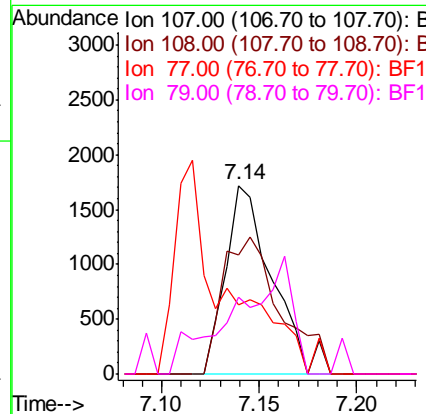
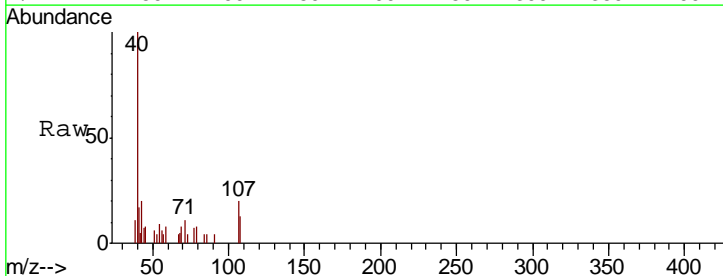
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 MH-C02-SETTLED-3H-B

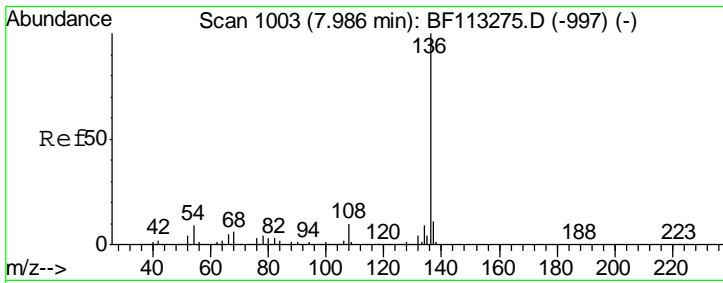
Tgt Ion	Resp	Lower	Upper
70	135170		
42	48.5	48.4	72.6
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



#20
 3+4-Methylphenols
 Concen: Below Cal
 RT: 7.14 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
107	2845		
108	63.6	71.4	111.4#
77	36.6	33.5	73.5
79	41.1	8.3	48.3

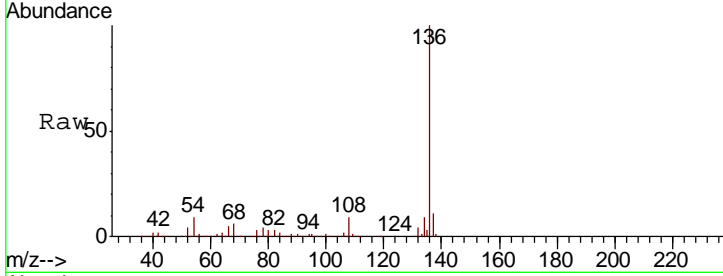




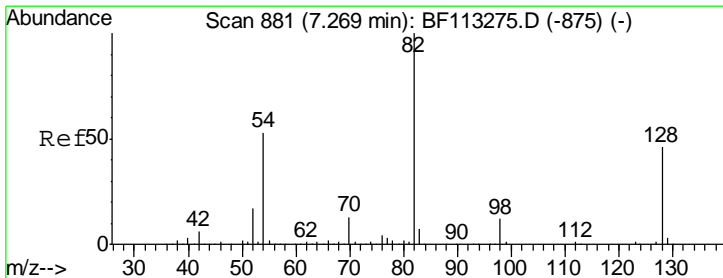
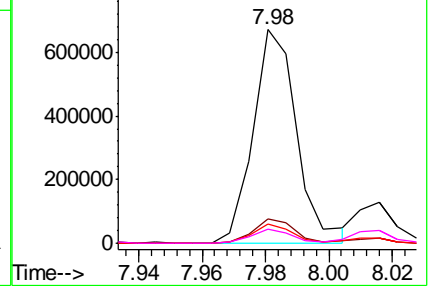
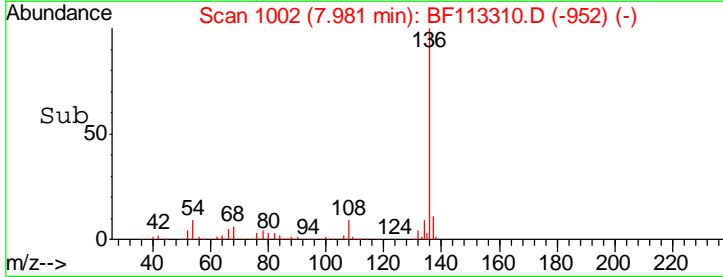
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-3H-B

Tgt Ion	Resp	Lower	Upper
136	640355		
137	11.2	8.9	13.3
54	9.1	7.0	10.6
68	6.4	4.8	7.2

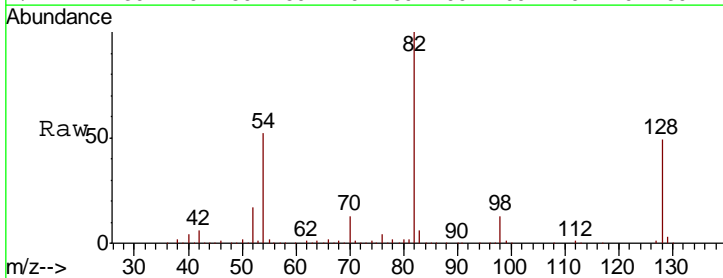


Abundance
 Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1

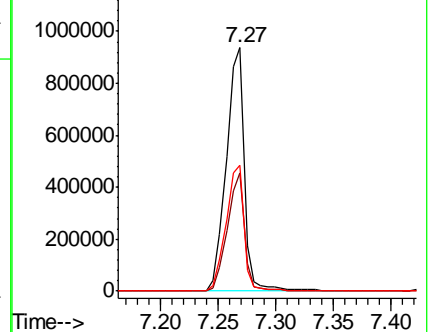
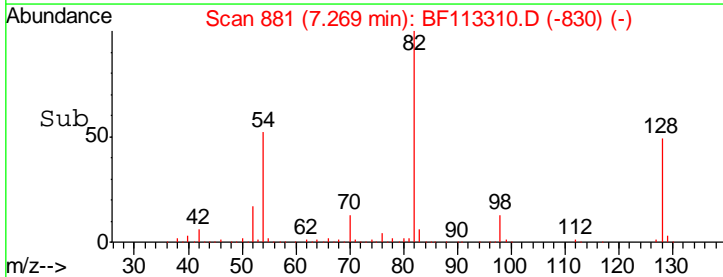


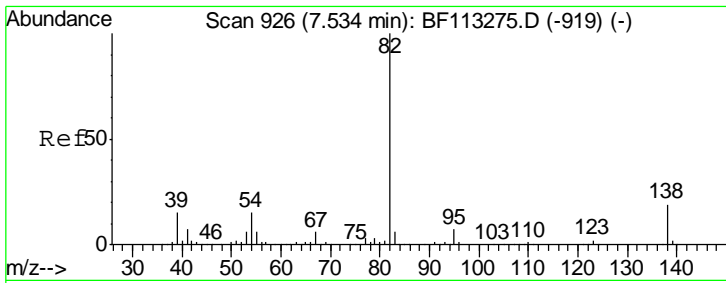
#23
 Nitrobenzene-d5
 Concen: 94.541 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
82	1019979		
128	48.6	36.5	54.7
54	51.9	42.2	63.2



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

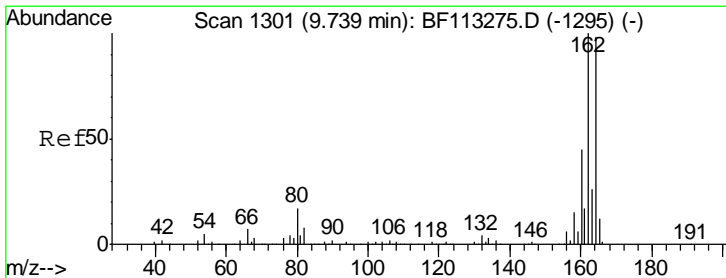
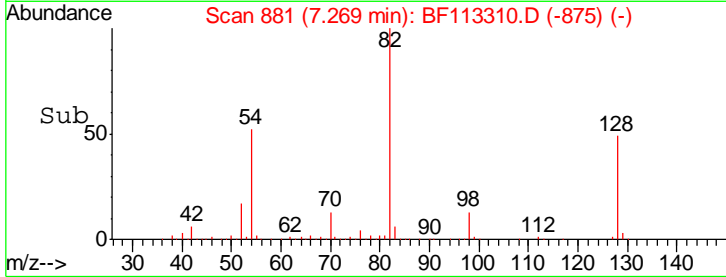
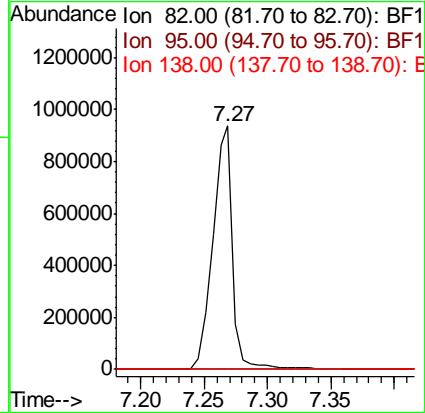
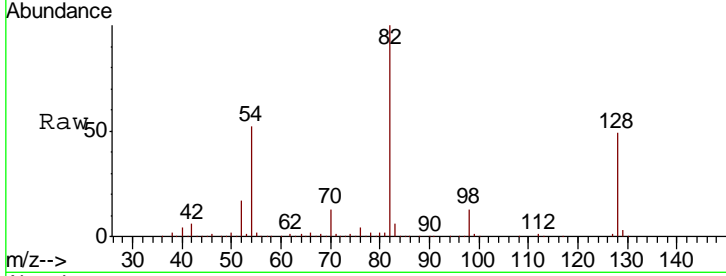




#25
 Isophorone
 Concen: 48.110 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.26 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

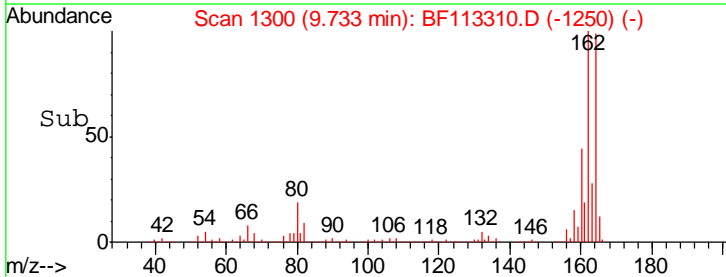
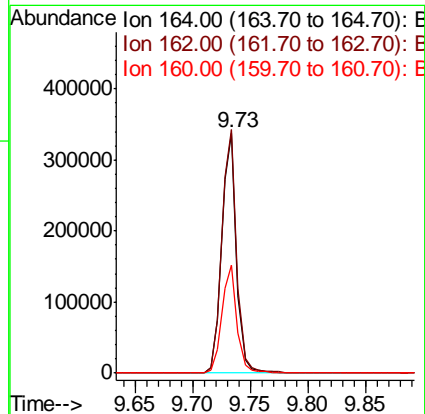
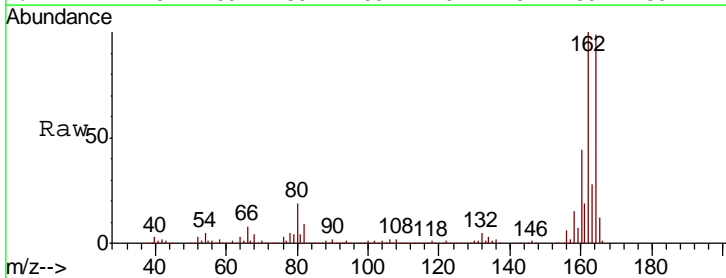
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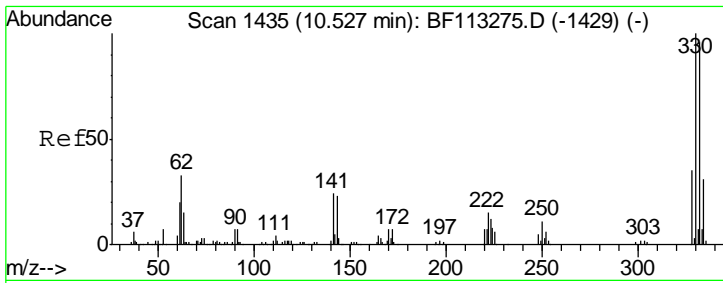
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.4	81.8	122.6
160	45.0	36.4	54.6

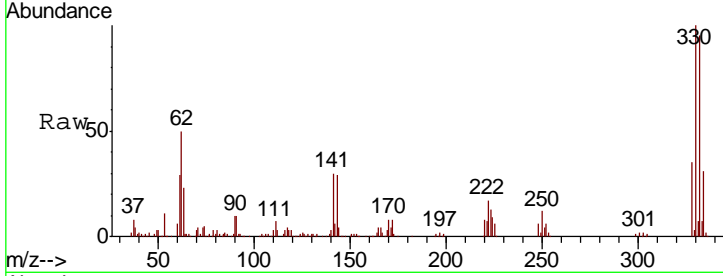




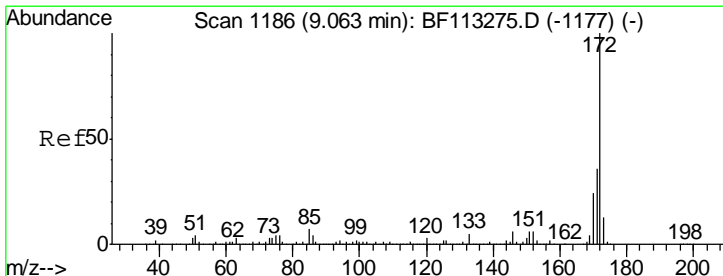
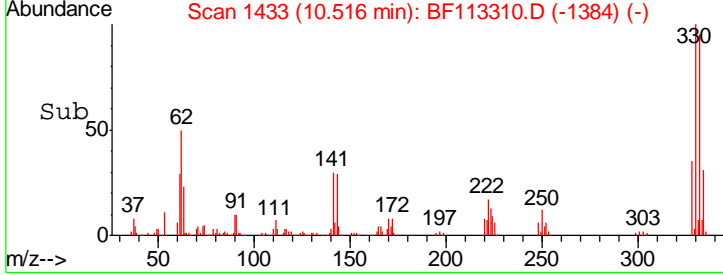
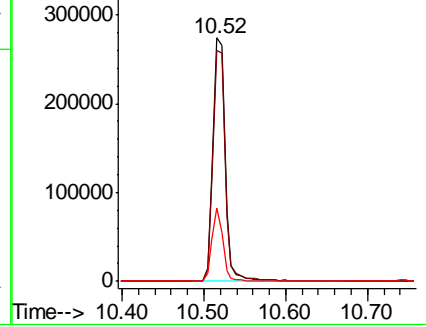
#42
 2,4,6-Tribromophenol
 Concen: 77.677 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-3H-B

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	27.3	22.7	34.1

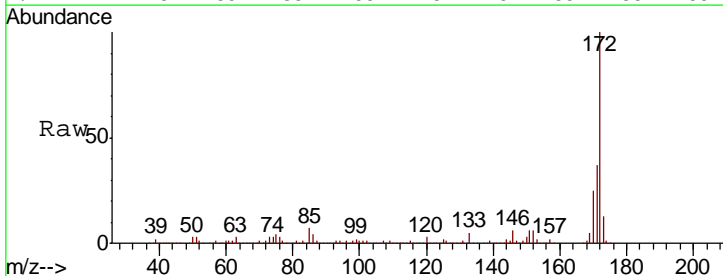


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

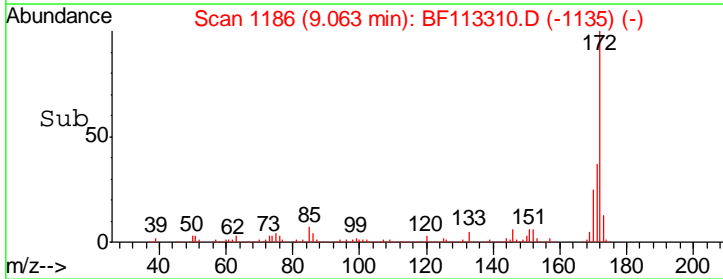
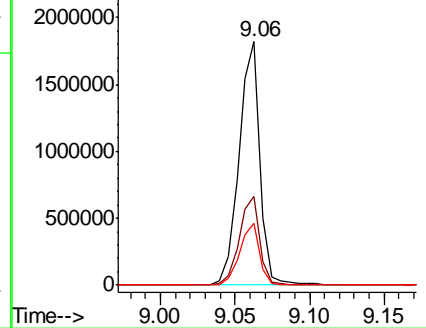


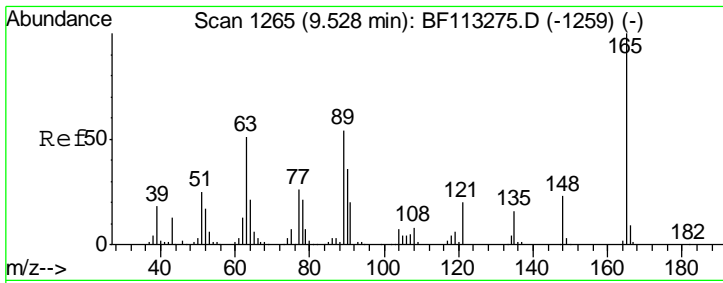
#45
 2-Fluorobiphenyl
 Concen: 96.547 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	25.2	19.5	29.3



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

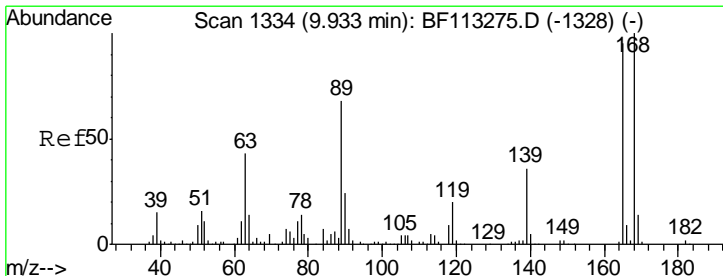
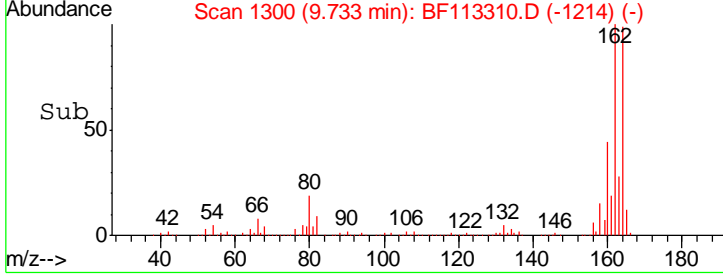
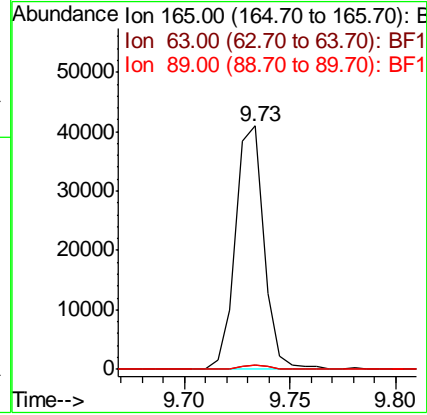
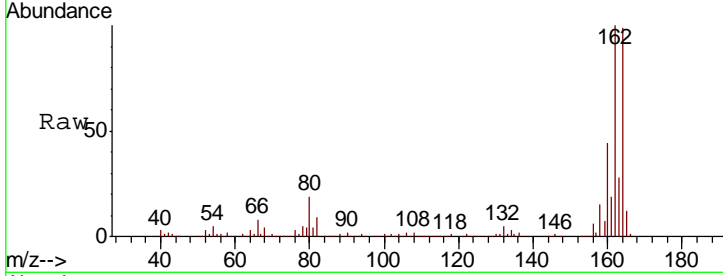




#51
 2,6-Dinitrotoluene
 Concen: 7.656 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

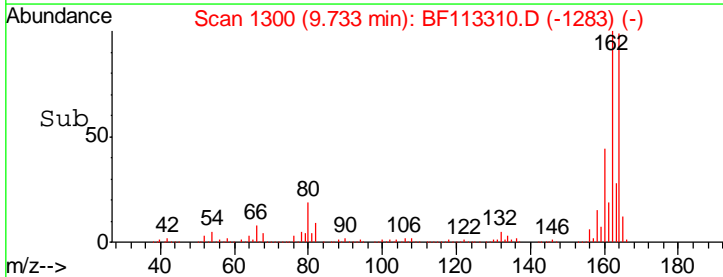
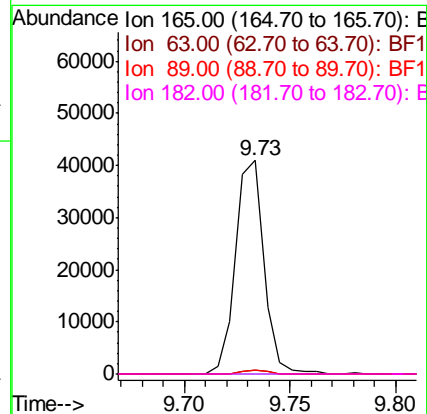
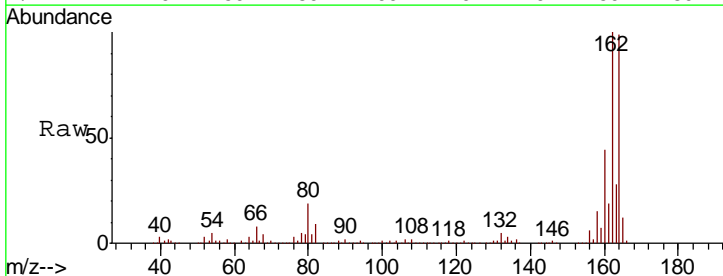
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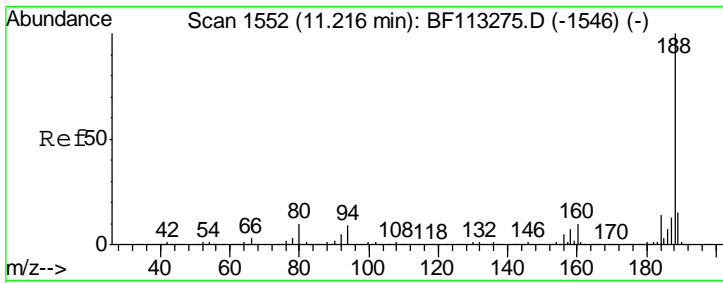
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.6	43.4	65.0#
89	1.7	43.1	64.7#



#57
 2,4-Dinitrotoluene
 Concen: 6.020 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.6	37.5	56.3#
89	1.7	57.4	86.2#
182	0.0	2.0	3.0#

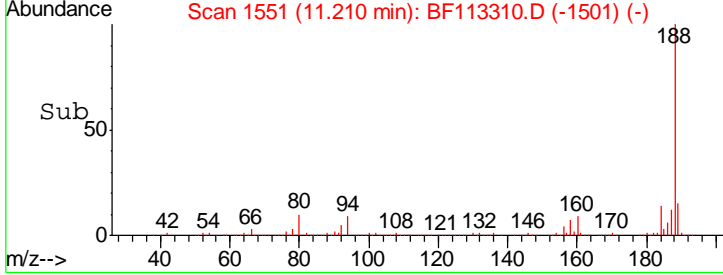
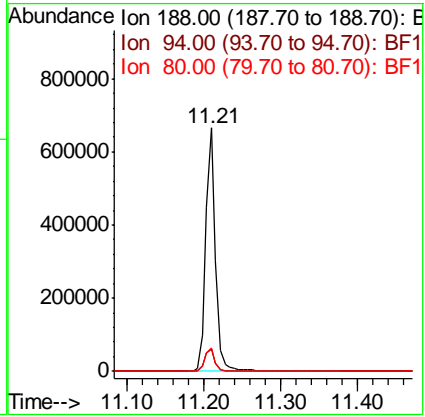
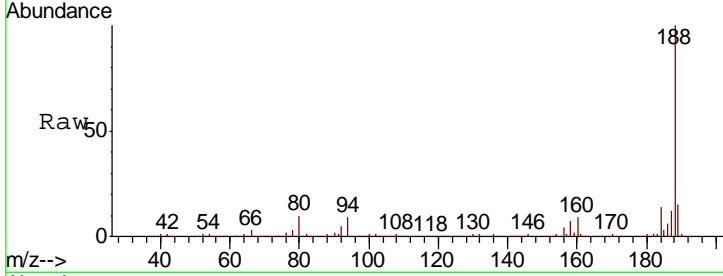




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

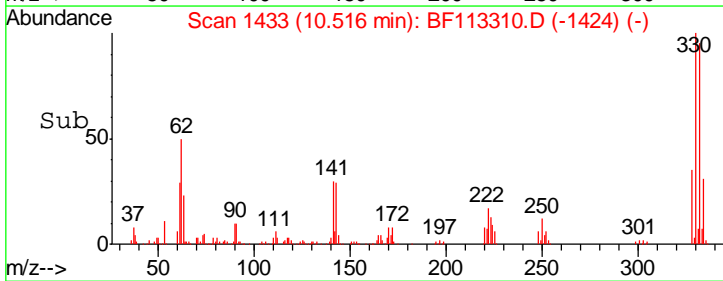
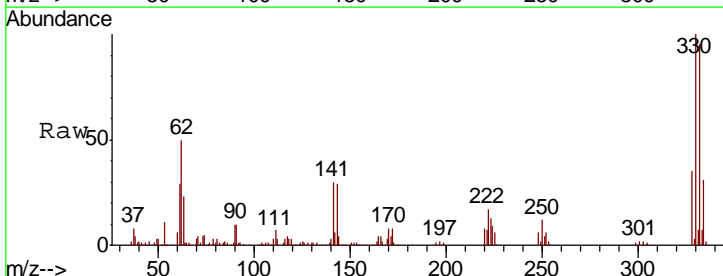
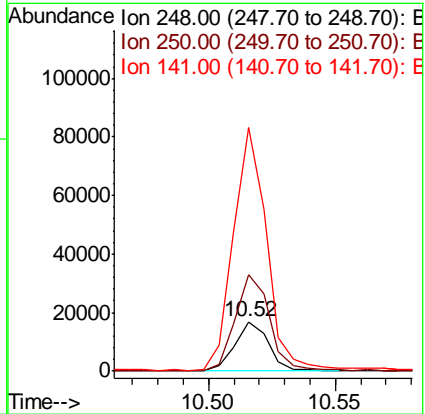
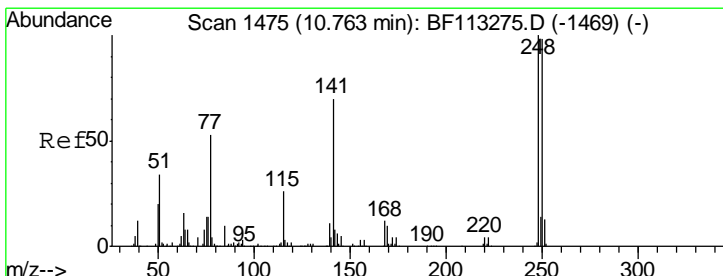
Instrument :
 BNA_F
ClientSampleId :
 MH-C02-SETTLED-3H-B

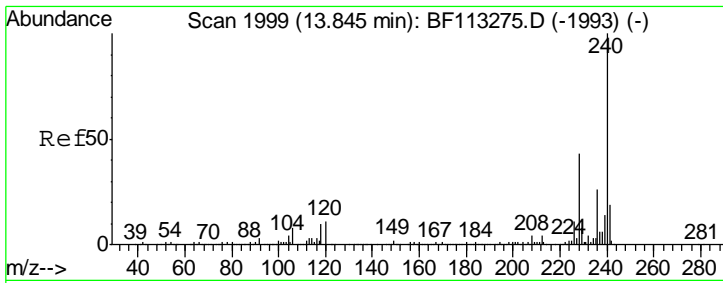
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.5	7.7	11.5



#67
 4-Bromophenyl-phenylether
 Concen: 2.439 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
248	100		
250	197.2	78.3	117.5#
141	495.9	56.2	84.4#

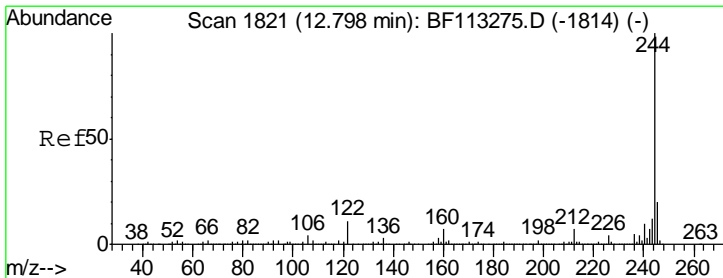
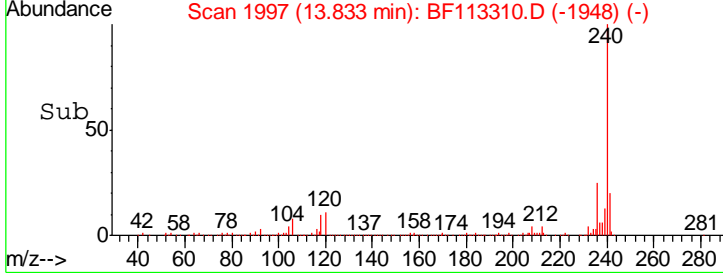
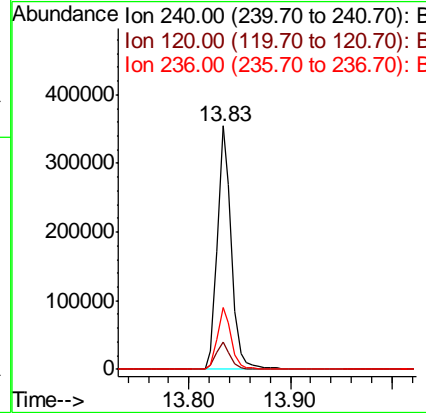
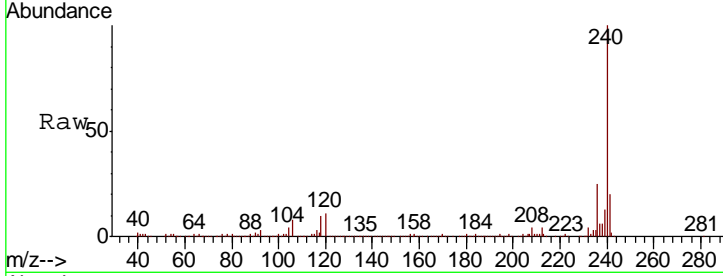




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

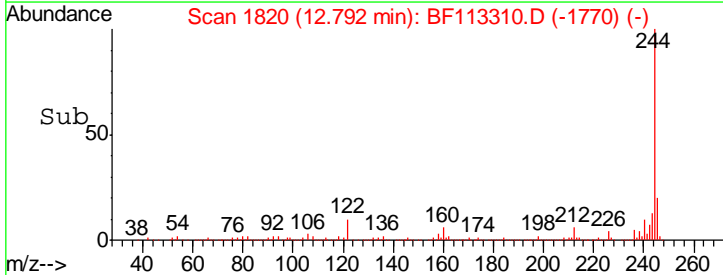
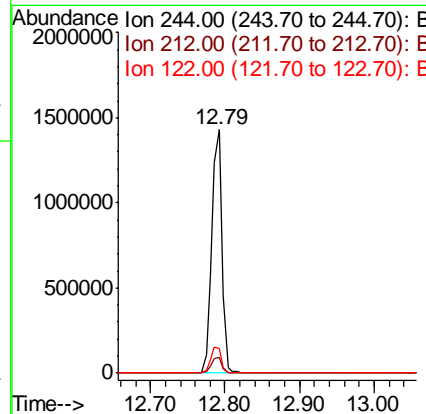
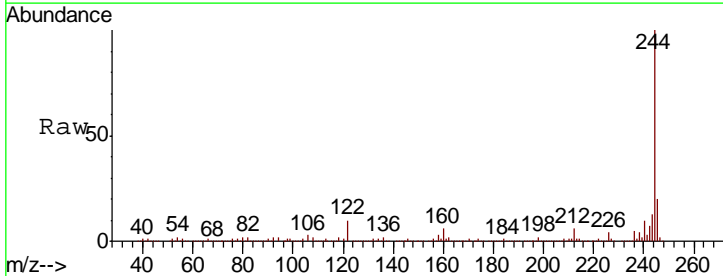
Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-3H-B

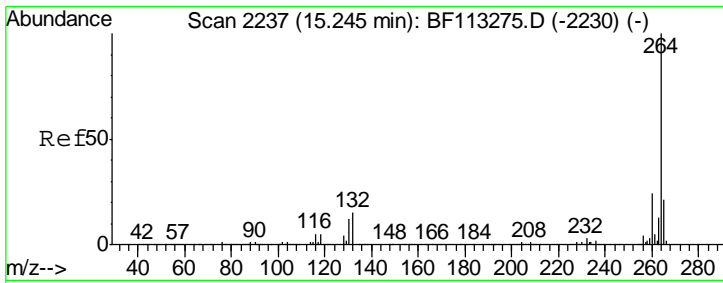
Tgt Ion	Resp	Lower	Upper
240	339688		
120	11.3	8.8	13.2
236	25.5	20.9	31.3



#79
 Terphenyl-d14
 Concen: 89.128 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Tgt Ion	Resp	Lower	Upper
244	1373573		
212	6.5	5.5	8.3
122	10.2	8.6	13.0





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF113310.D
 Acq: 27 Mar 2019 00:19

Instrument :
 BNA_F
ClientSampled :
 MH-C02-SETTLED-3H-B

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.4	17.1	25.7

