

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
 Data File : BF121177.D
 Acq On : 3 Aug 2020 15:49
 Operator : JU/CG
 Sample : L3521-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CD

Quant Time: Aug 03 16:26:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141931	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	548846	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	284413	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	546376	20.00	ng	0.00
76) Chrysene-d12	13.96	240	424134	20.00	ng	0.00
86) Perylene-d12	15.41	264	384022	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	793437	91.64	ng	0.00
7) Phenol-d6	6.43	99	969862	86.72	ng	-0.01
23) Nitrobenzene-d5	7.36	82	632414	66.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	309197	99.32	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1130145	59.33	ng	0.00
79) Terphenyl-d14	12.91	244	1220166	62.54	ng	0.00

Target Compounds

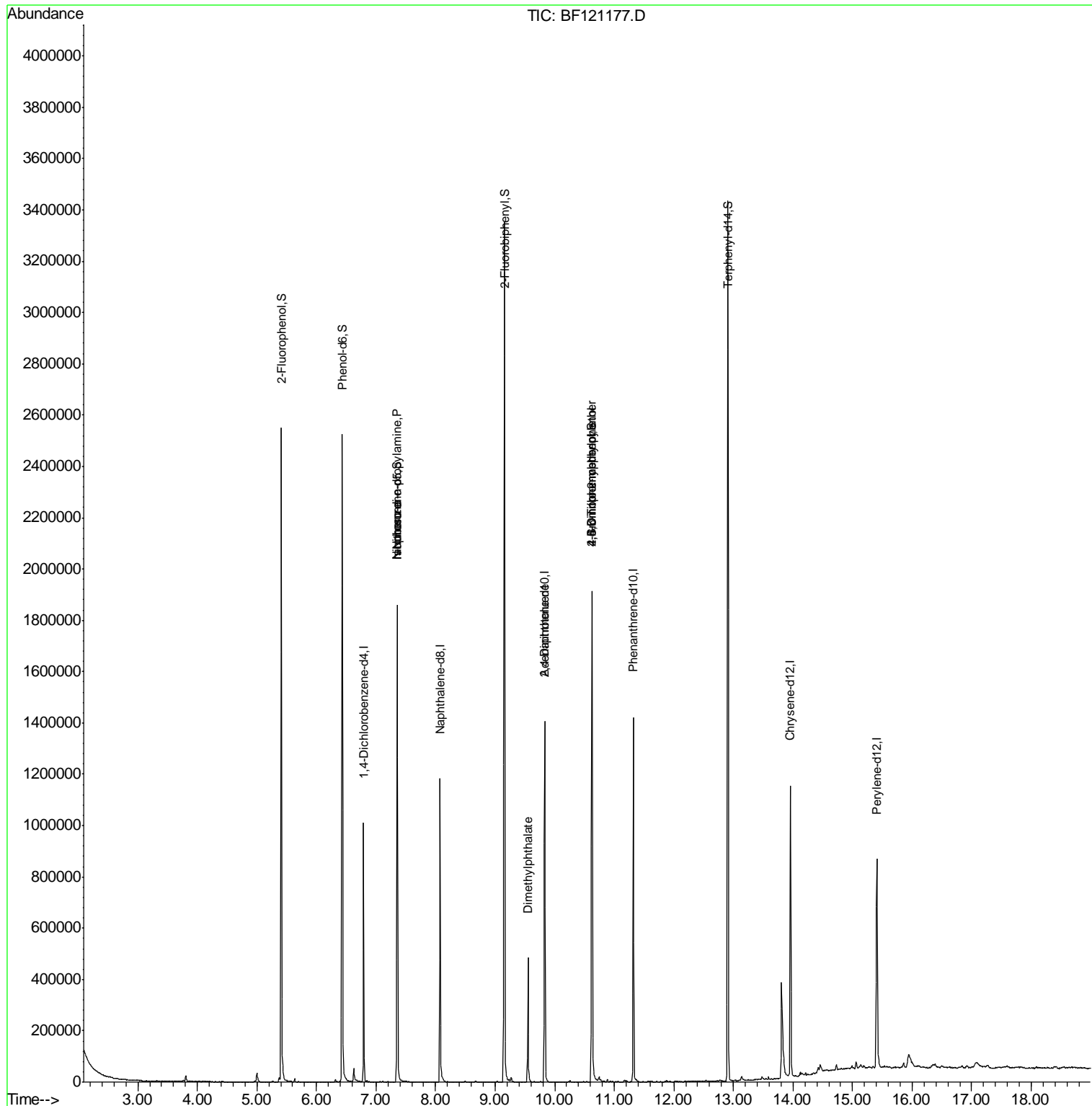
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.35	77	148	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.36	70	83120	13.070	ng	# 77
25) Isophorone	7.36	82	621740	32.843	ng	# 62
50) Dimethylphthalate	9.55	163	216032	10.529	ng	# 98
57) 2,4-Dinitrotoluene	9.83	165	35907	6.203	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	546	4.001	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	17611	2.891	ng	# 1

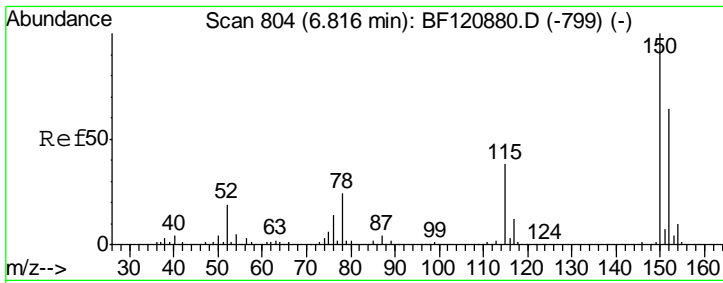
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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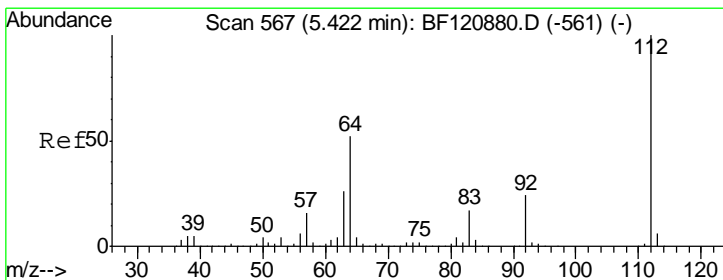
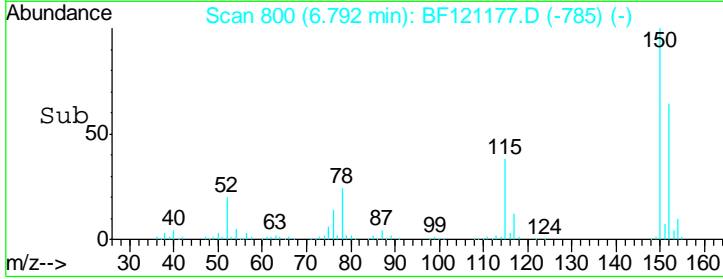
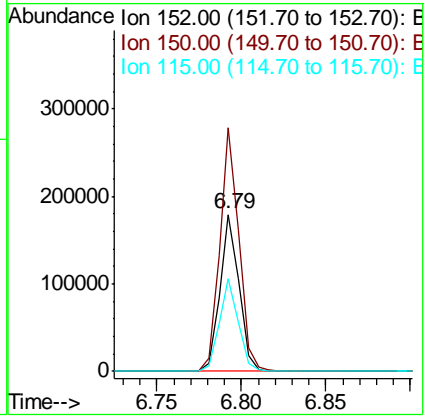
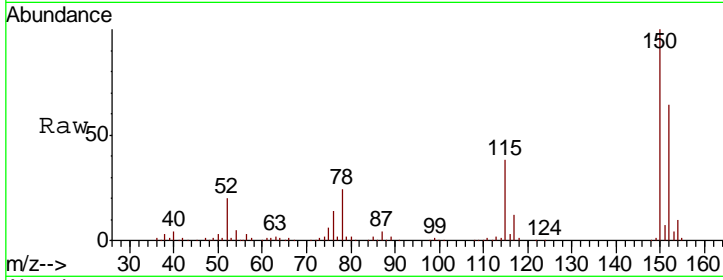


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Instrument :
 BNA_F
ClientSampled :
 COMP-CD

Tot Ion:152 Resp: 141931

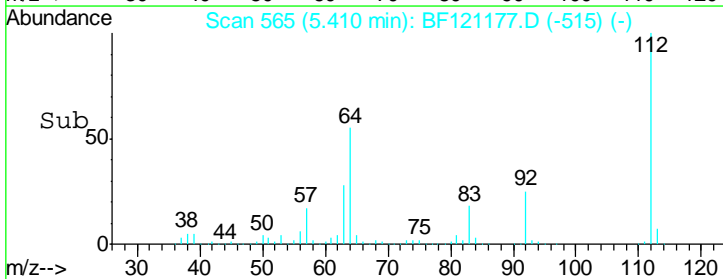
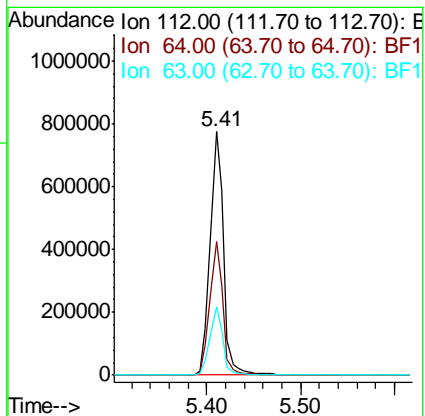
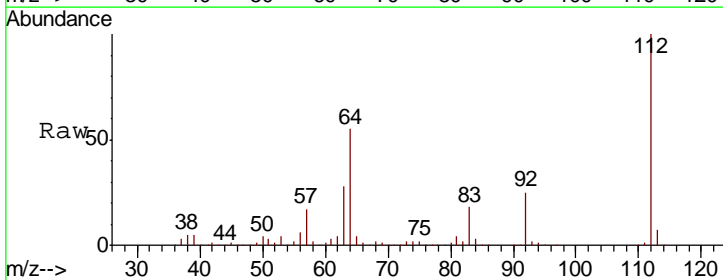
Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.6	188.4
115	59.2	46.2	69.2

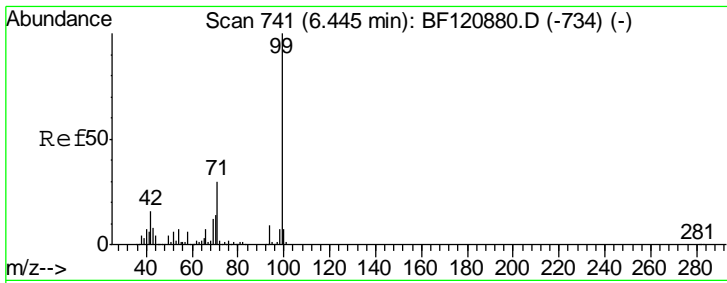


#5
 2-Fluorophenol
 Concen: 91.645 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion:112 Resp: 793437

Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.9	65.9
63	27.9	22.7	34.1

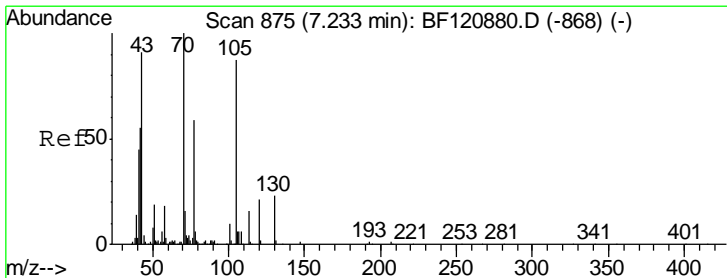
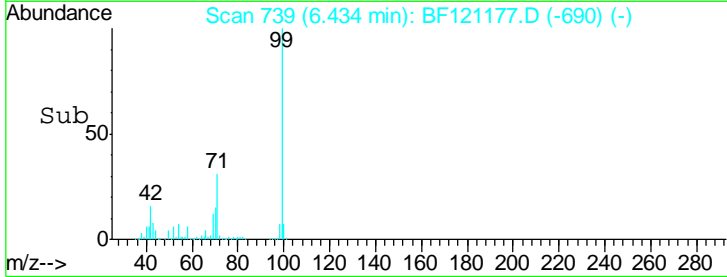
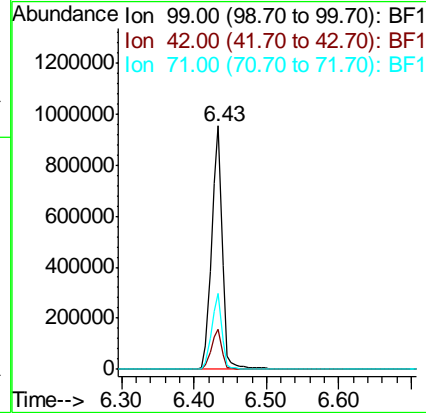
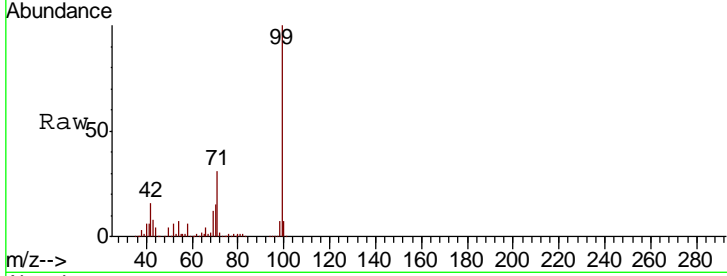




#7
 Phenol-d6
 Concen: 86.722 ng
 RT: 6.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

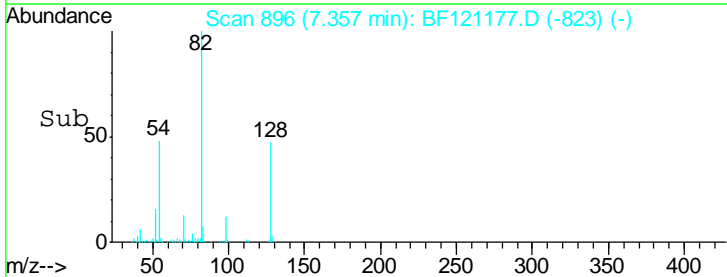
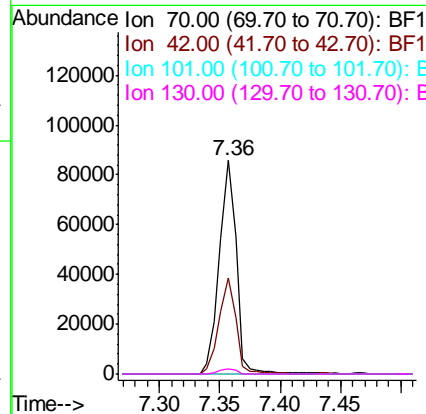
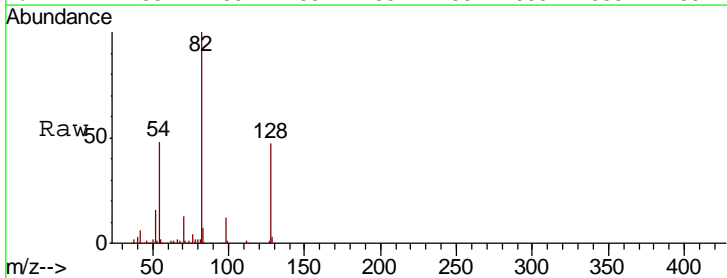
Instrument :
 BNA_F
 ClientSampled :
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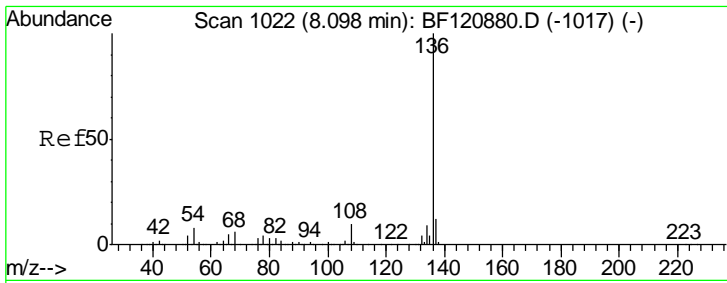
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	31.2	25.0	37.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.070 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.13 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion	Resp	Lower	Upper
70	100		
42	45.0	43.3	64.9
101	0.0	8.4	12.6#
130	2.2	18.7	28.1#

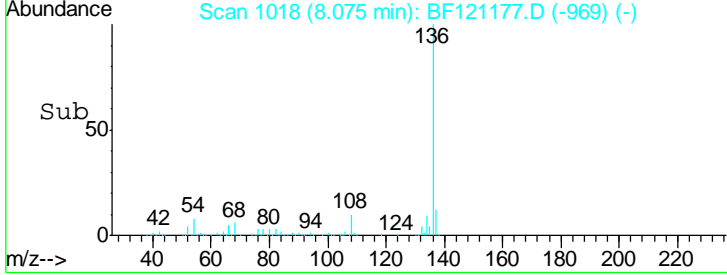
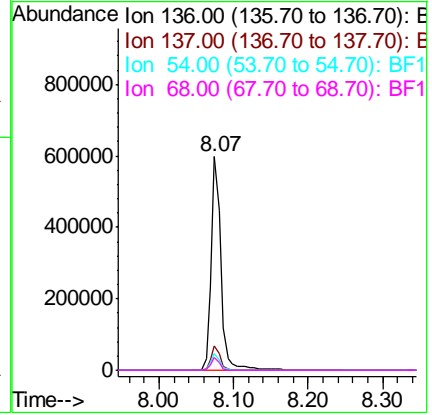
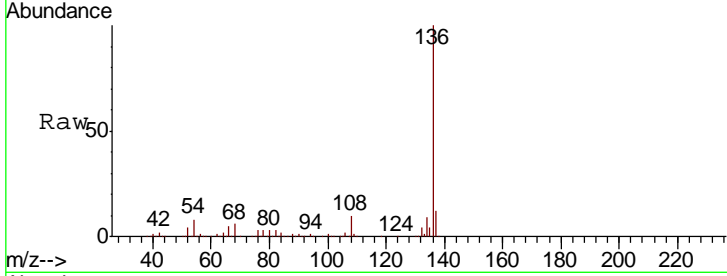




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

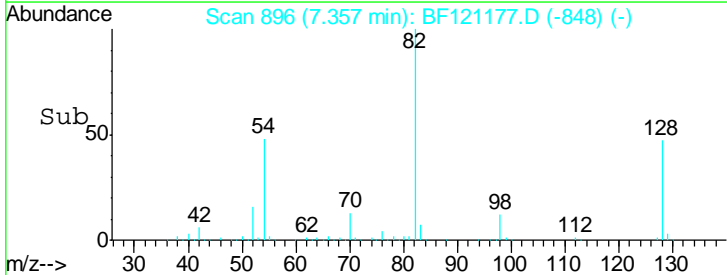
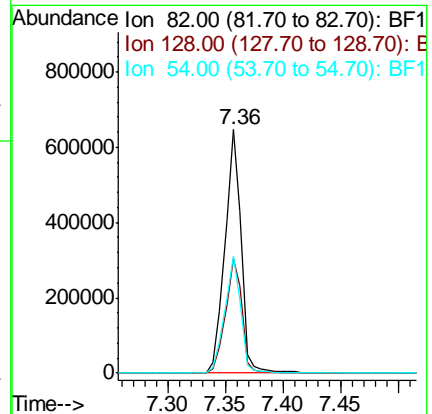
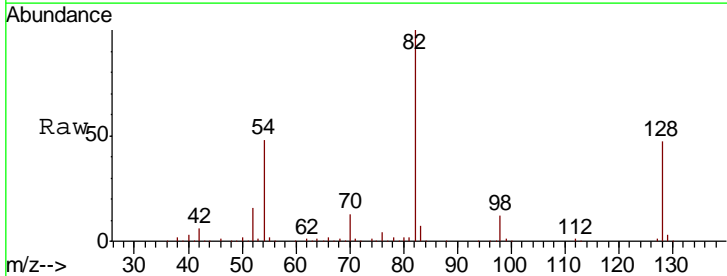
Instrument :
 BNA_F
ClientSampled :
 COMP-CD

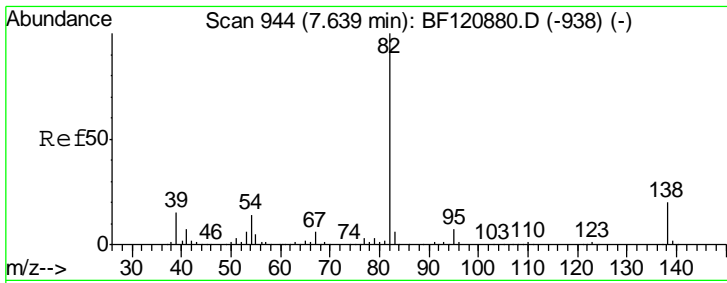
Tgt Ion	Resp	Lower	Upper
136	548846		
137	11.5	9.0	13.4
54	7.7	6.1	9.1
68	6.1	5.0	7.6



#23
 Nitrobenzene-d5
 Concen: 66.673 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion	Resp	Lower	Upper
82	632414		
128	47.1	39.2	58.8
54	48.1	37.8	56.8

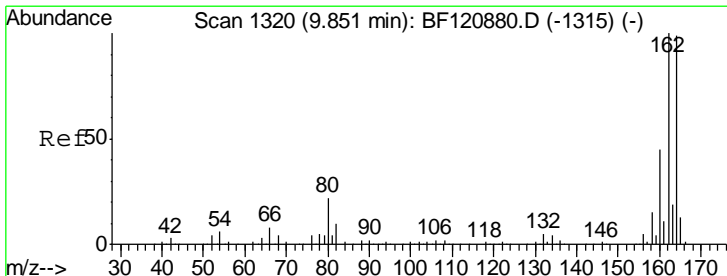
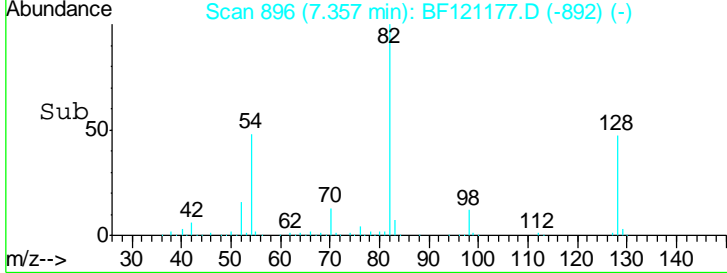
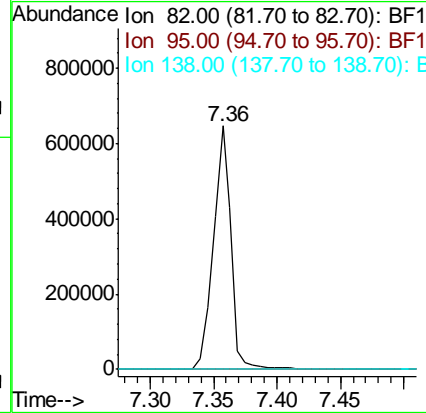
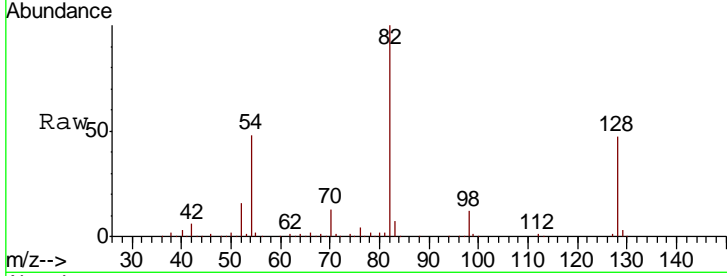




#25
 Isophorone
 Concen: 32.843 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.28 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

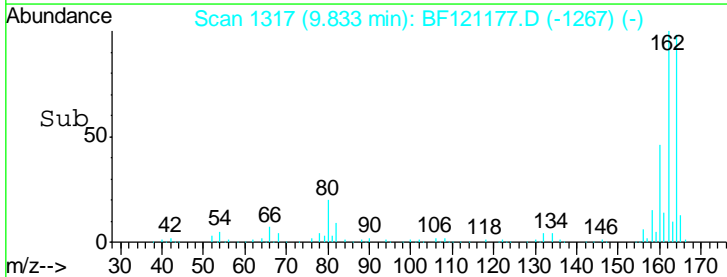
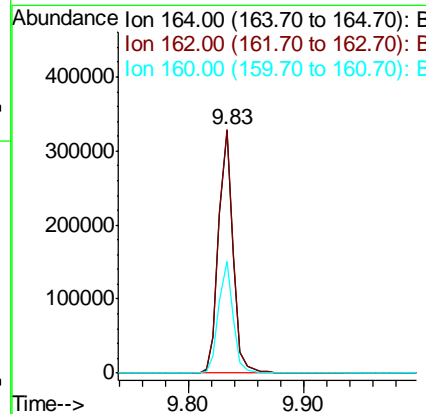
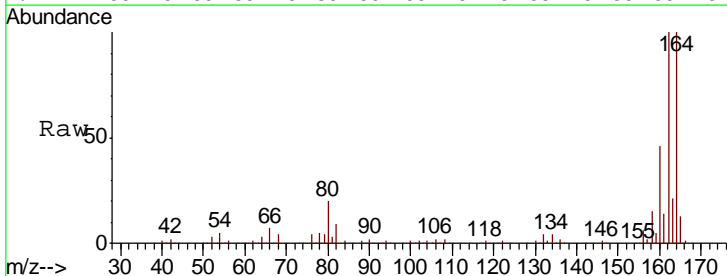
Instrument :
 BNA_F
 ClientSampled :
 COMP-CD

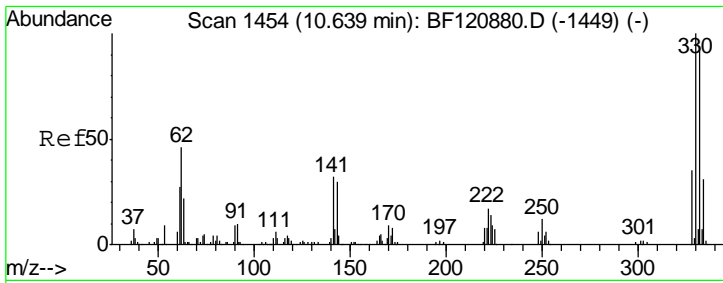
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	16.2	24.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion	Resp	Lower	Upper
164	100		
162	100.3	82.2	123.2
160	46.2	37.2	55.8

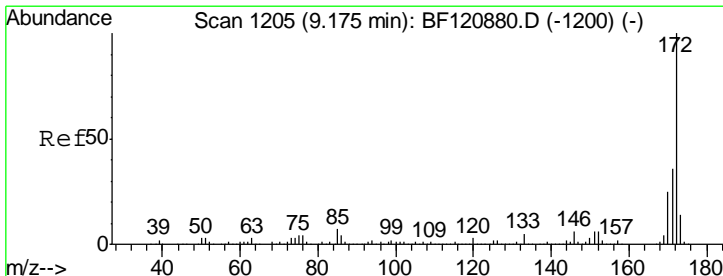
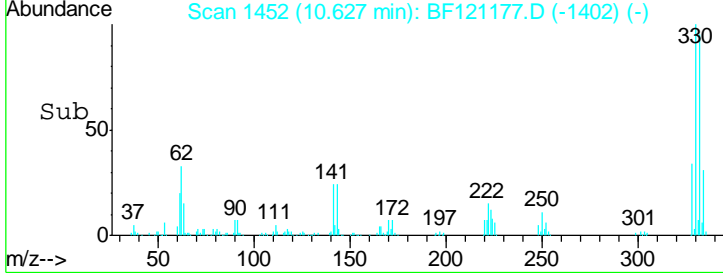
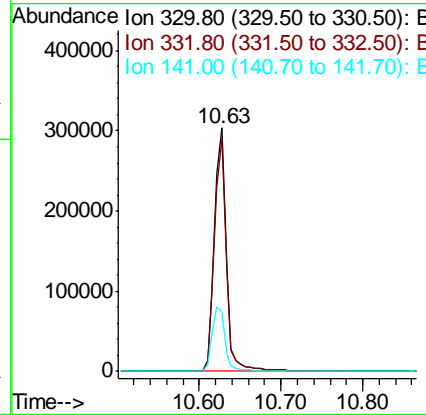
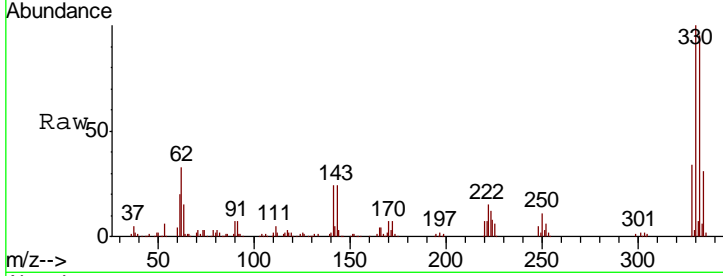




#42
 2,4,6-Tribromophenol
 Concen: 99.319 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

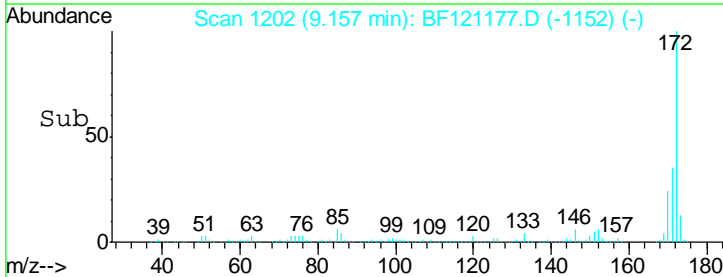
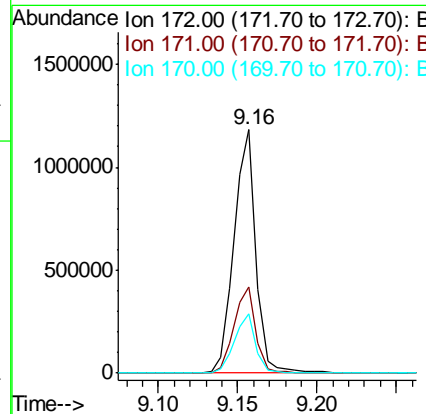
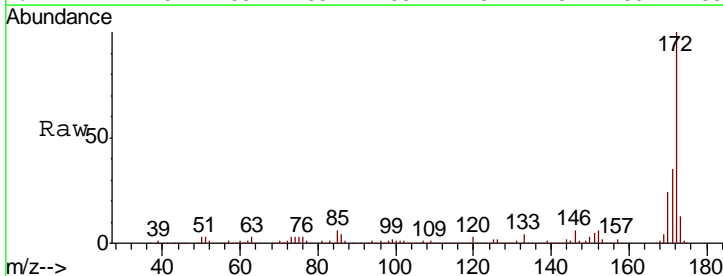
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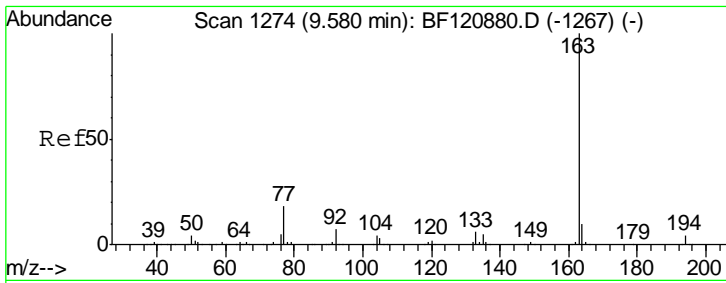
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.7	76.1	114.1
141	28.9	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 59.328 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.4	19.6	29.4

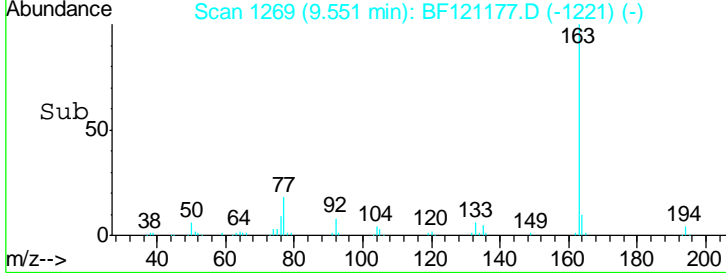
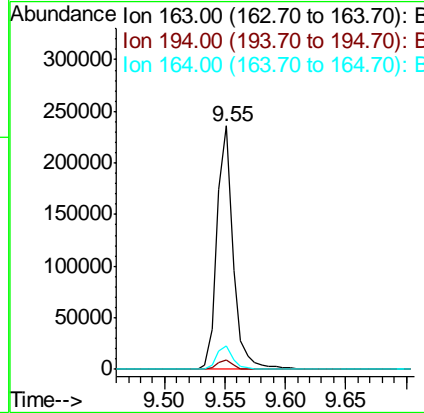
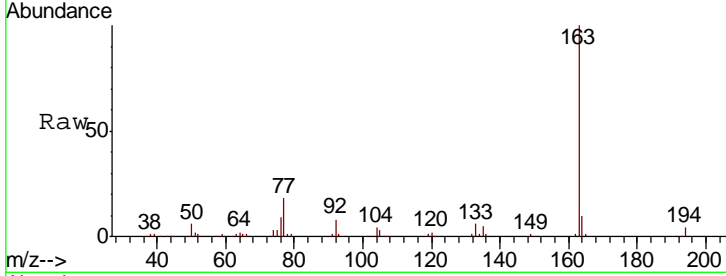




#50
 Dimethylphthalate
 Concen: 10.529 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

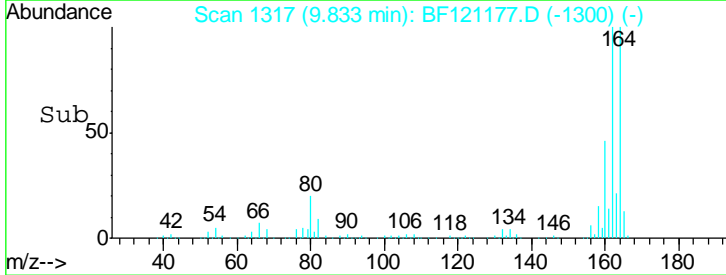
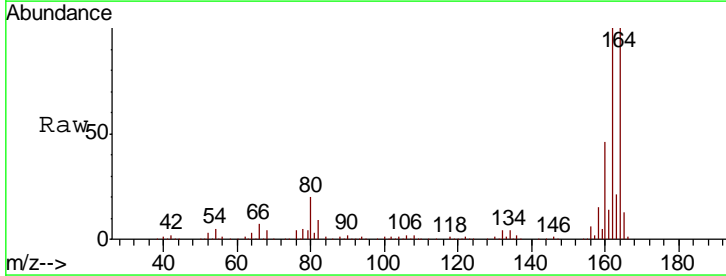
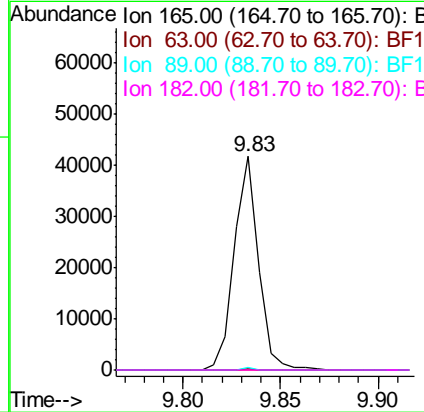
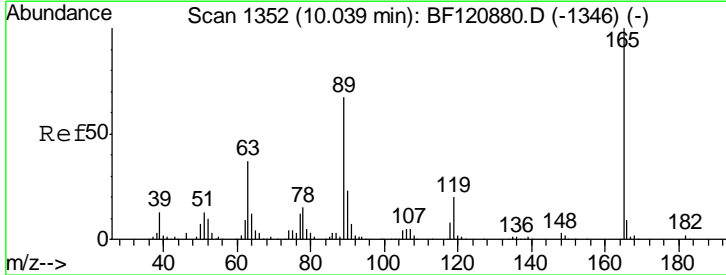
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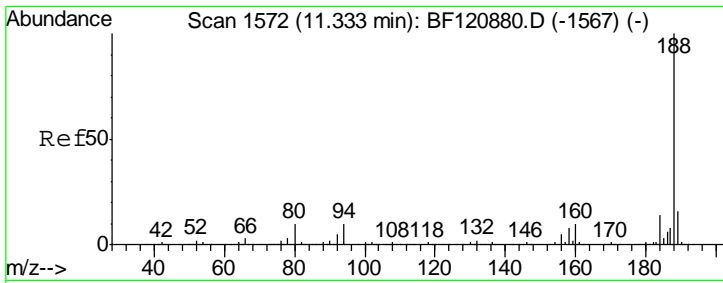
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.7	8.4	12.6



#57
 2,4-Dinitrotoluene
 Concen: 6.203 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.8	29.8	44.8#
89	1.2	50.3	75.5#
182	0.0	2.1	3.1#

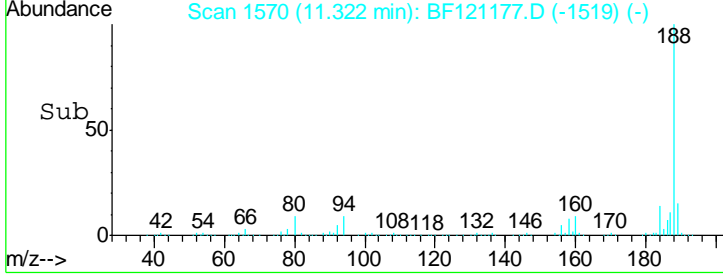
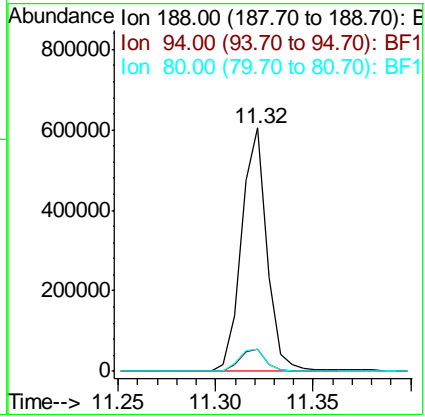
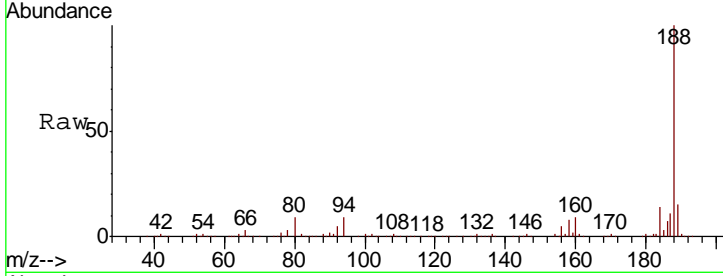




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

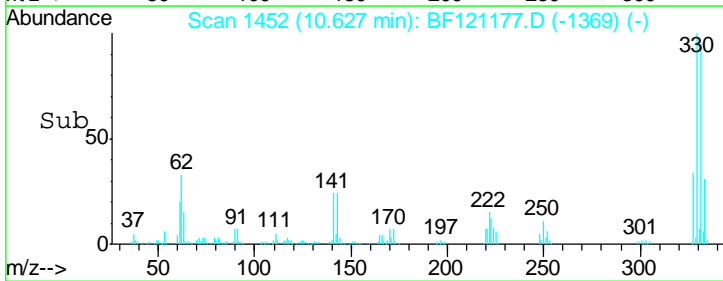
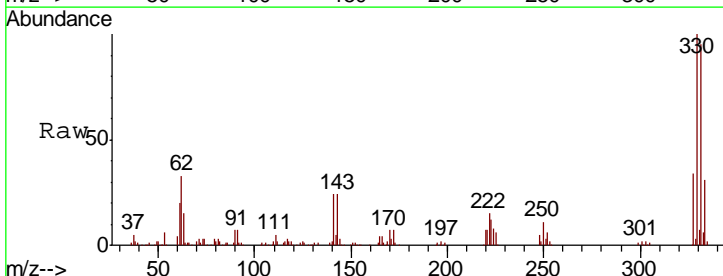
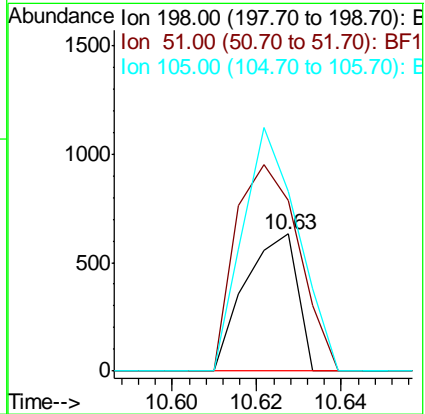
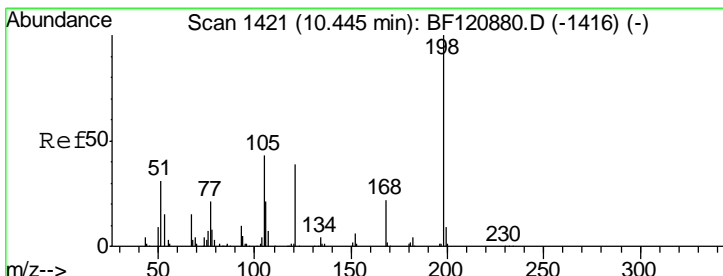
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CD

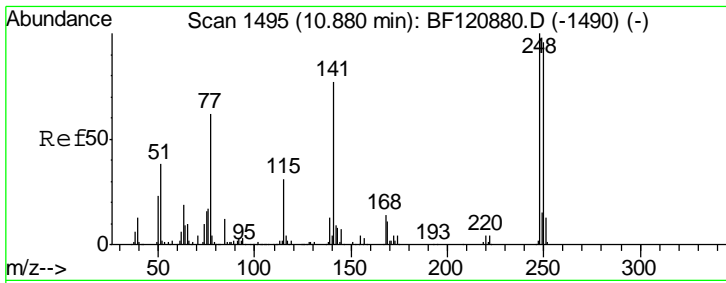
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.2	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.001 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.19 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion	Resp	Lower	Upper
198	100		
51	124.8	23.4	63.4#
105	130.9	23.7	63.7#

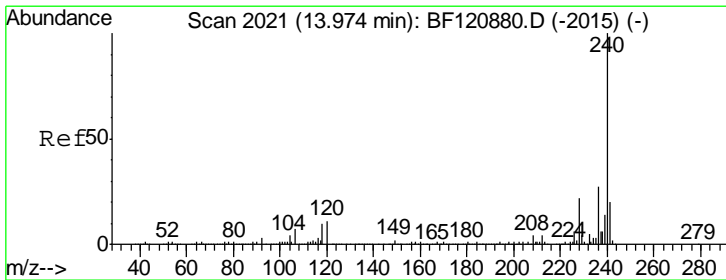
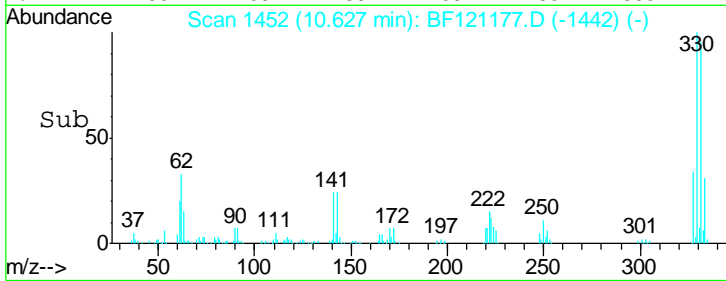
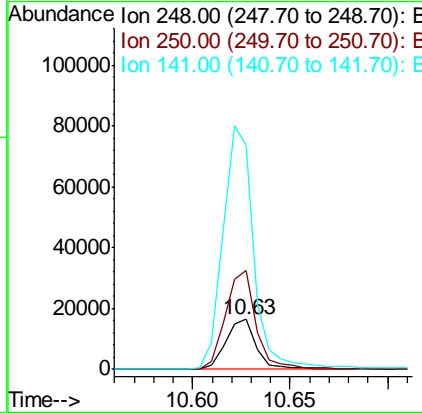
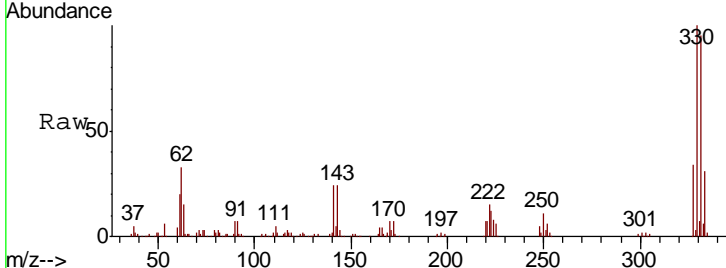




#67
 4-Bromophenyl-phenylether
 Concen: 2.891 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

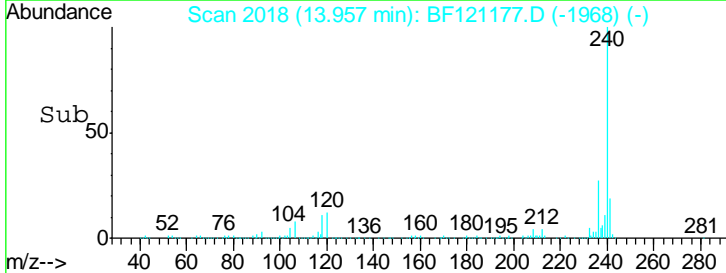
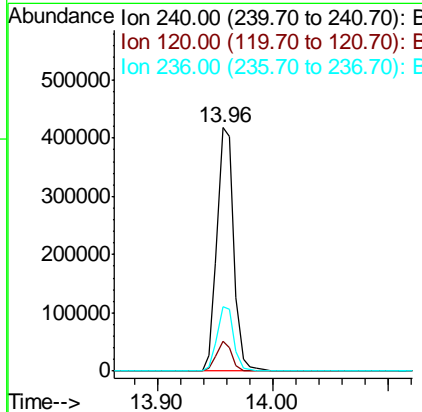
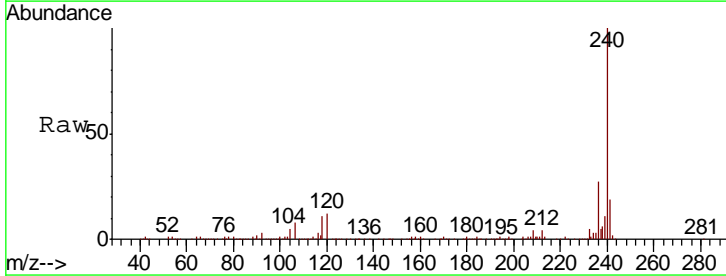
Instrument :
 BNA_F
 ClientSampled :
 COMP-CD

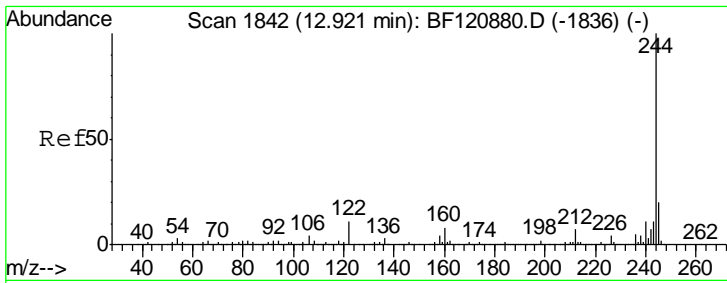
Tgt Ion	Resp	Lower	Upper
248	17611		
250	200.2	77.0	115.6#
141	451.8	56.6	85.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion	Resp	Lower	Upper
240	424134		
120	12.5	9.3	13.9
236	26.5	21.1	31.7

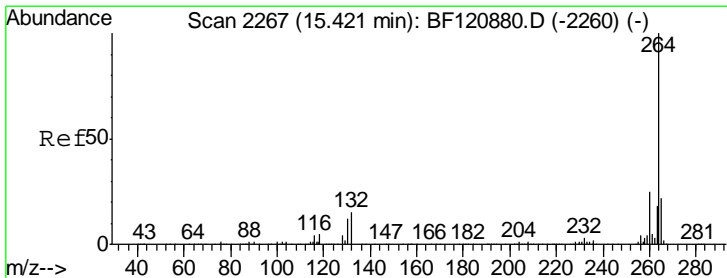
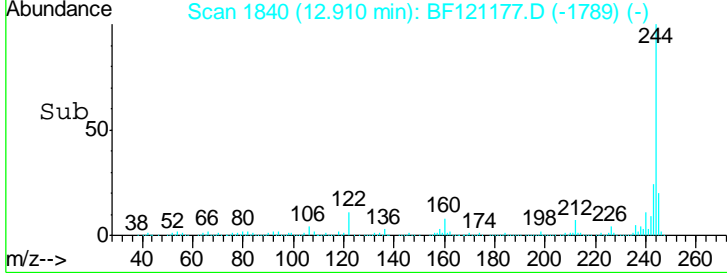
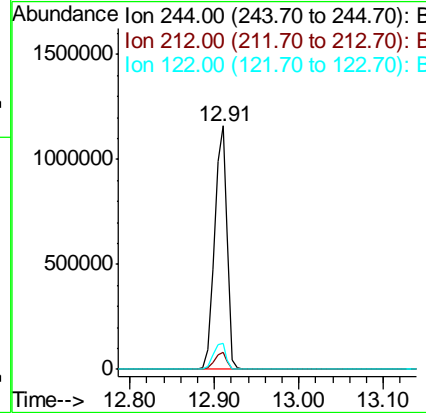
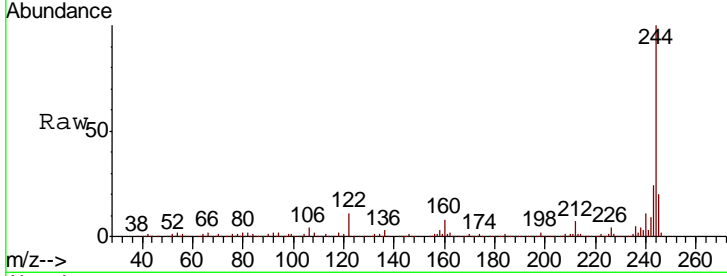




#79
 Terphenyl-d14
 Concen: 62.536 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CD

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.8	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121177.D
 Acq: 3 Aug 2020 15:49

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	21.2	17.8	26.8

