

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
 Data File : BF117367.D
 Acq On : 10 Oct 2019 18:29
 Operator : JU
 Sample : K5297-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 11 06:46:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	45710	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	181719	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	94464	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	149077	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	85974	20.00	ng	-0.01
87) Perylene-d12	15.42	264	98624	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	284864	97.30	ng	0.00
7) Phenol-d6	6.44	99	383782	101.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	232031	67.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	76845	97.33	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	403998	66.87	ng	-0.01
79) Terphenyl-d14	12.90	244	315586	68.61	ng	-0.01

Target Compounds

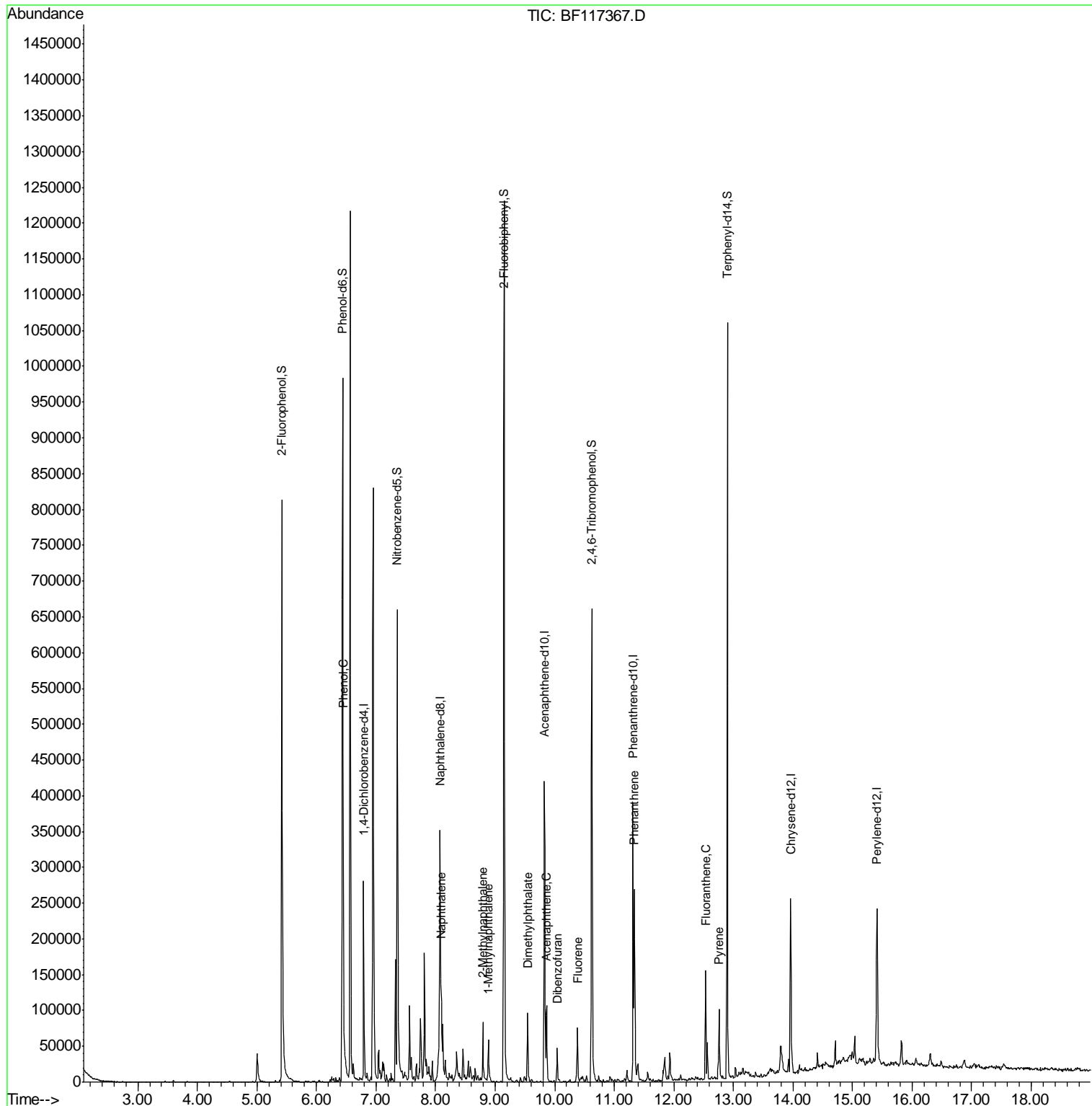
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	15176	3.638	ng	93
31) Naphthalene	8.10	128	23082	2.641	ng	# 92
37) 2-Methylnaphthalene	8.79	142	30165	5.126	ng	97
38) 1-Methylnaphthalene	8.89	142	19986	3.626	ng	90
50) Dimethylphthalate	9.55	163	45641	6.824	ng	99
52) Acenaphthene	9.86	154	25498	4.910	ng	96
55) Dibenzofuran	10.04	168	23658	3.088	ng	96
58) Fluorene	10.38	166	25900	4.196	ng	# 96
71) Phenanthrene	11.34	178	107804	12.731	ng	98
75) Fluoranthene	12.53	202	66995	7.700	ng	96
78) Pyrene	12.76	202	44271	6.137	ng	96

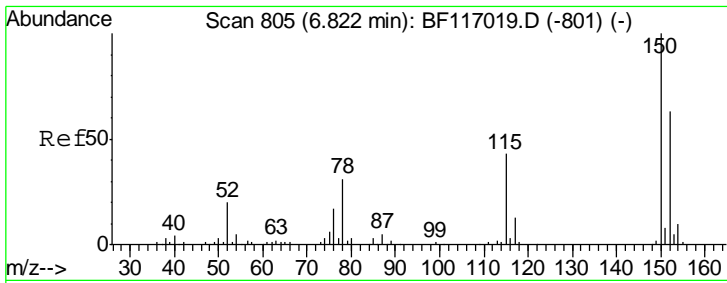
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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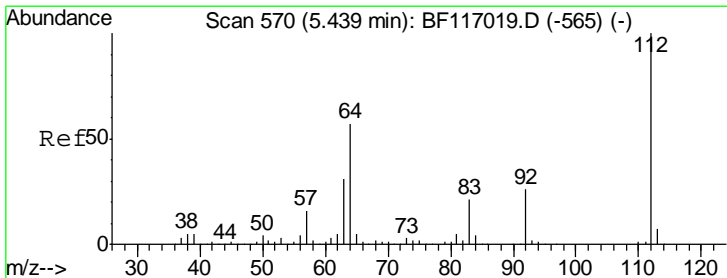
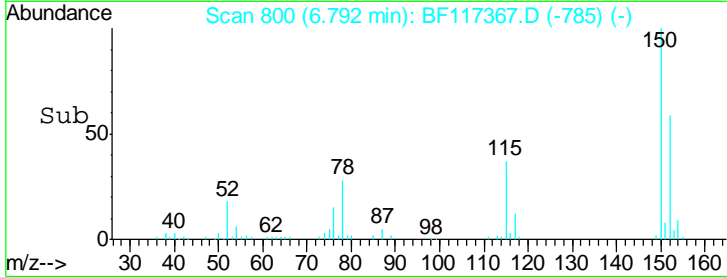
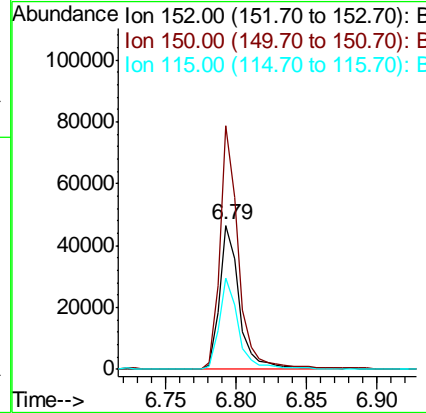
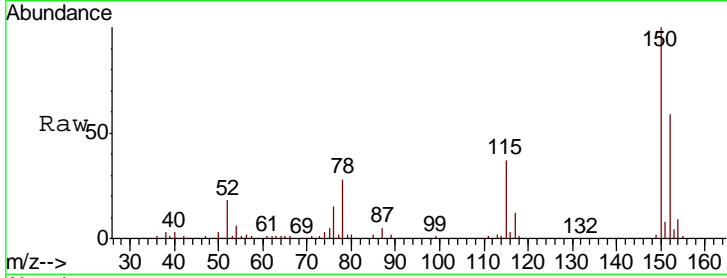




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

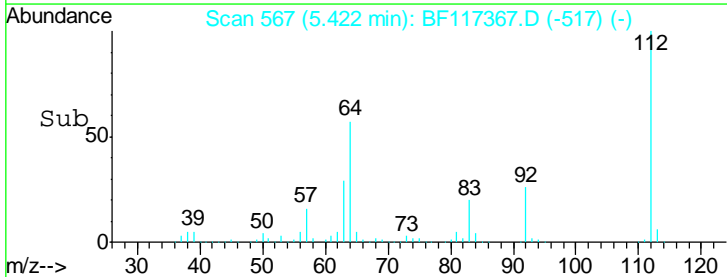
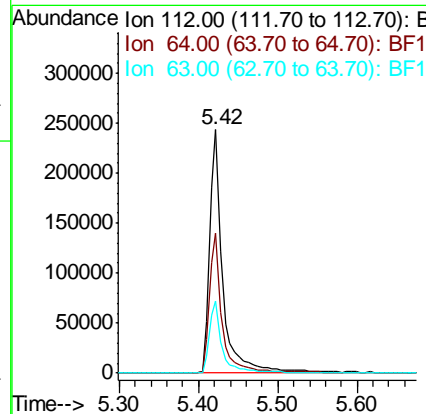
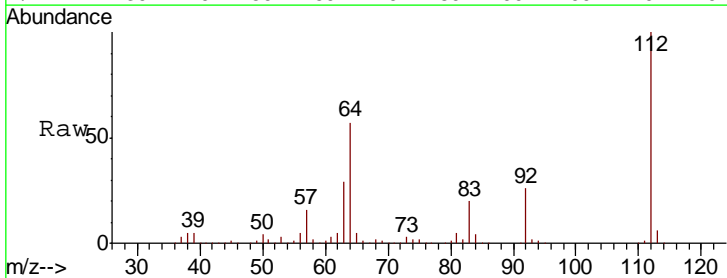
Instrument :
 BNA_F
 ClientSampleID :
 TP-1

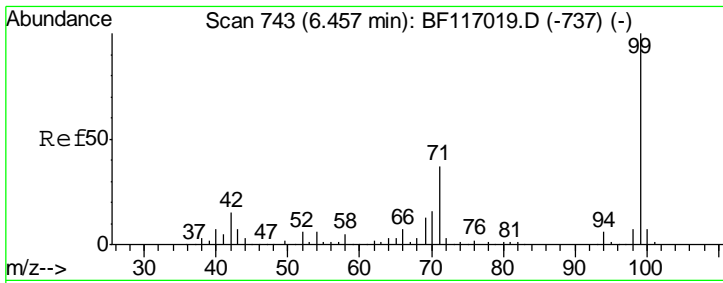
Tgt Ion	Resp	Lower	Upper
152	45710		
150	169.4	127.5	191.3
115	63.5	55.0	82.4



#5
 2-Fluorophenol
 Concen: 97.297 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
112	284864		
64	57.5	45.7	68.5
63	29.4	24.9	37.3

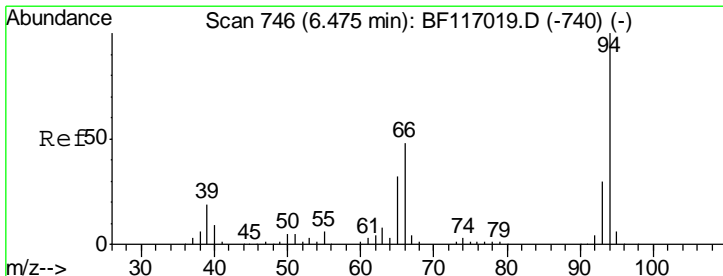
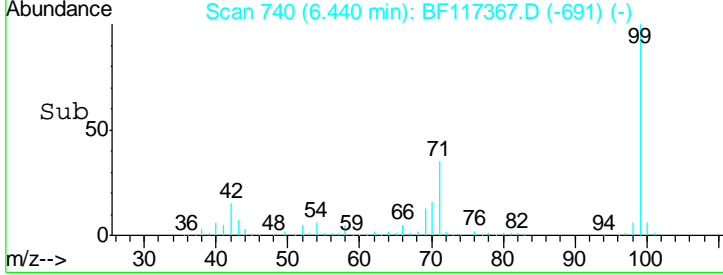
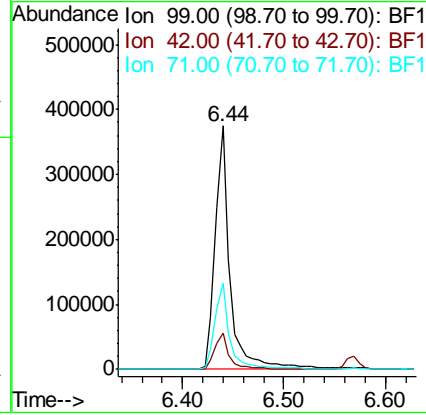
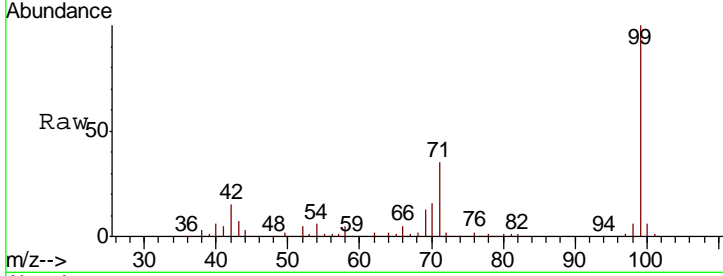




#7
 Phenol-d6
 Concen: 101.429 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

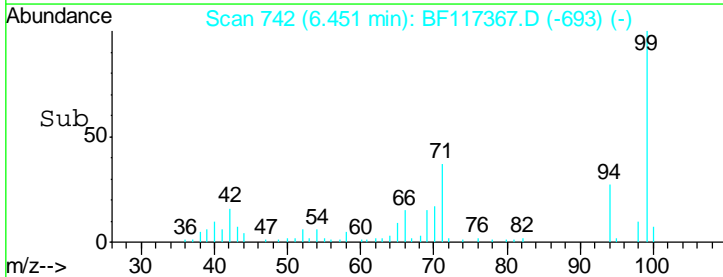
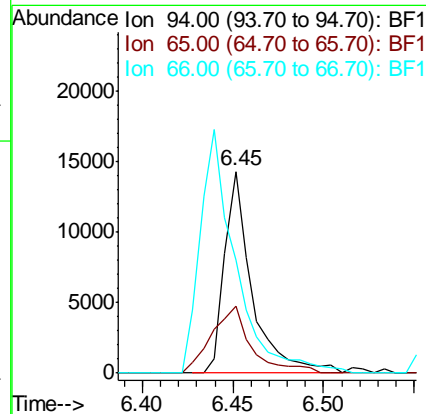
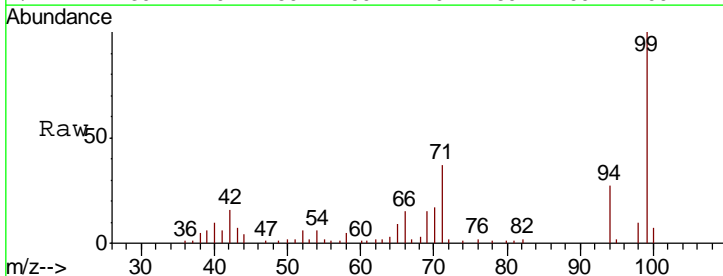
Instrument :
 BNA_F
ClientSampled :
 TP-1

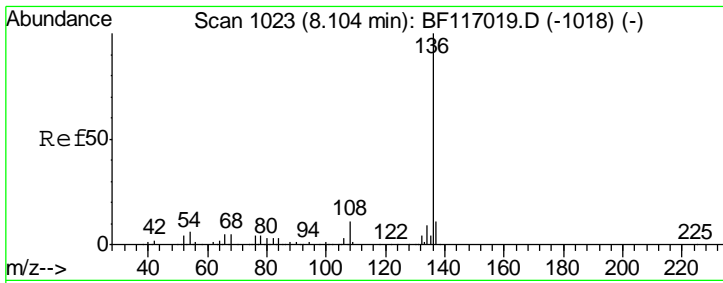
Tgt Ion	Resp	Lower	Upper
99	383782		
42	14.8	12.2	18.2
71	35.5	29.8	44.8



#10
 Phenol
 Concen: 3.638 ng
 RT: 6.45 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
94	15176		
65	33.0	12.5	52.5
66	55.9	28.9	68.9

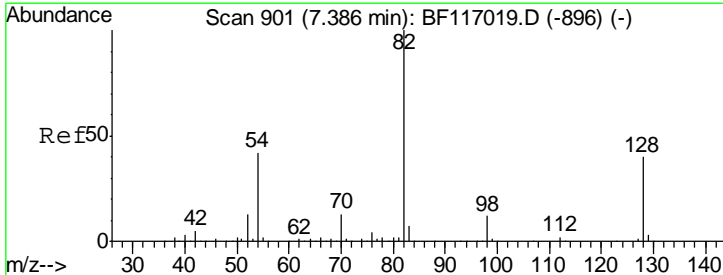
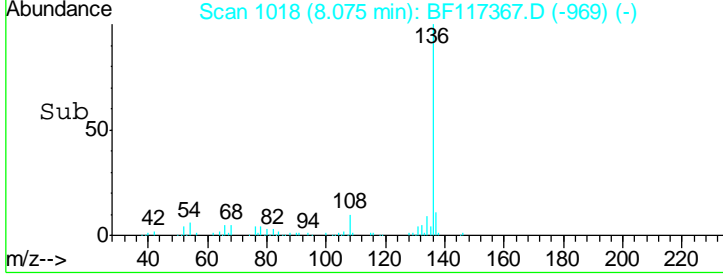
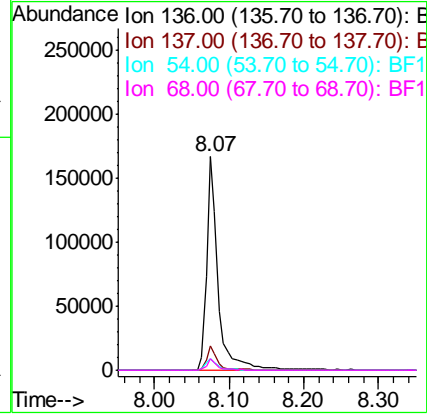
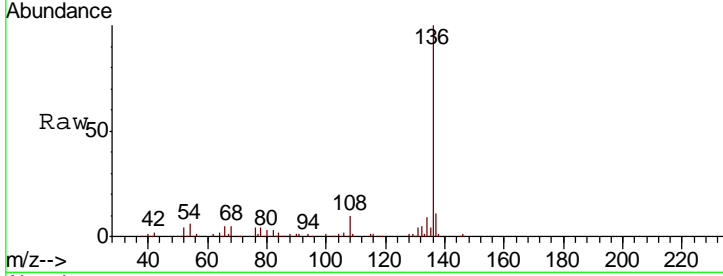




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

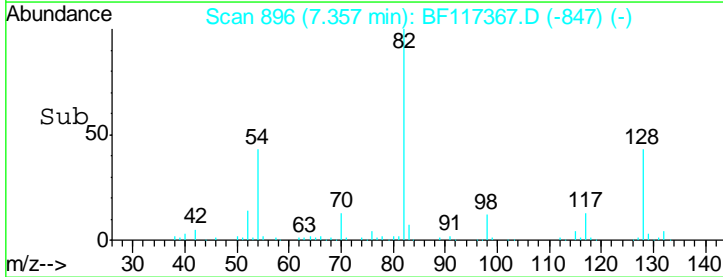
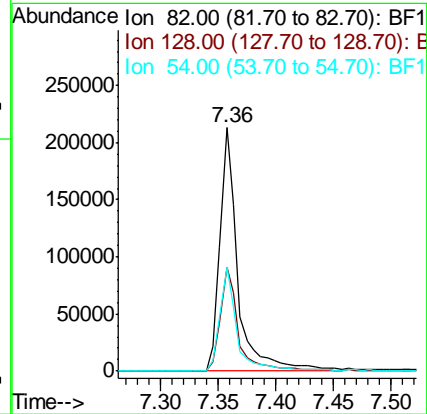
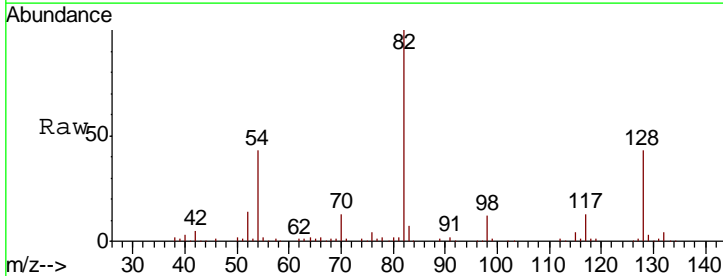
Instrument :
 BNA_F
 ClientSampled :
 TP-1

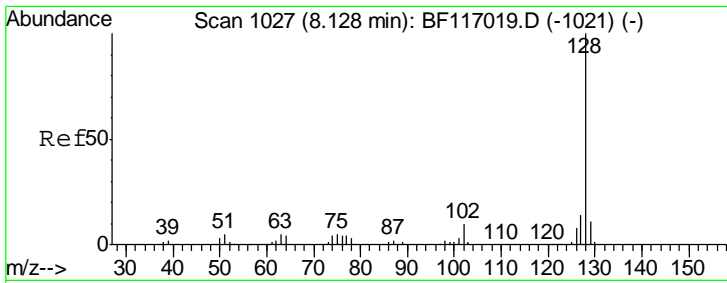
Tgt Ion	Resp	Lower	Upper
136	181719		
137	11.5	9.0	13.4
54	5.6	4.5	6.7
68	5.3	4.0	6.0



#23
 Nitrobenzene-d5
 Concen: 67.090 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
82	232031		
128	42.6	32.3	48.5
54	42.7	33.3	49.9

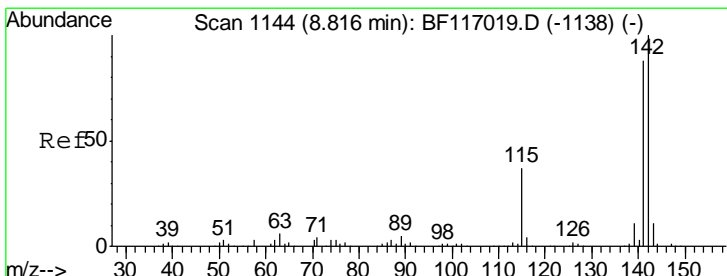
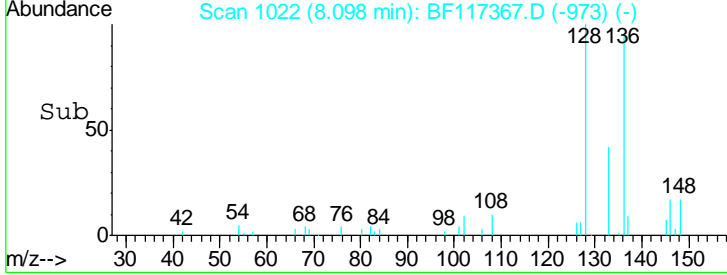
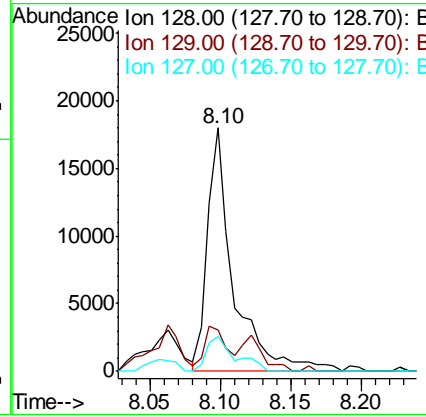
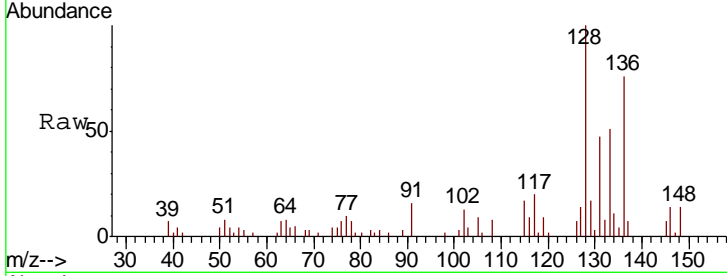




#31
 Naphthalene
 Concen: 2.641 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

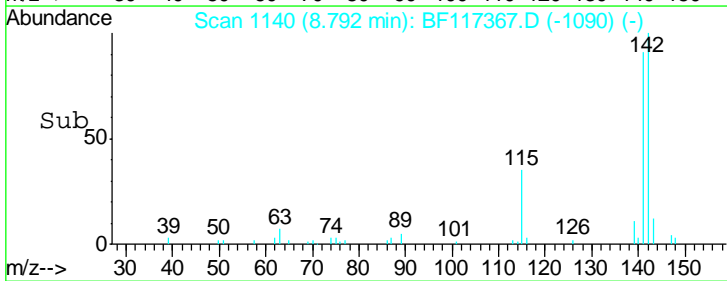
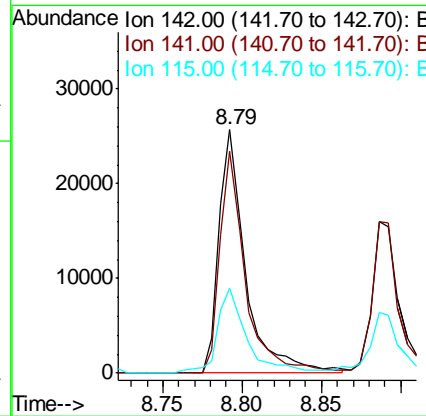
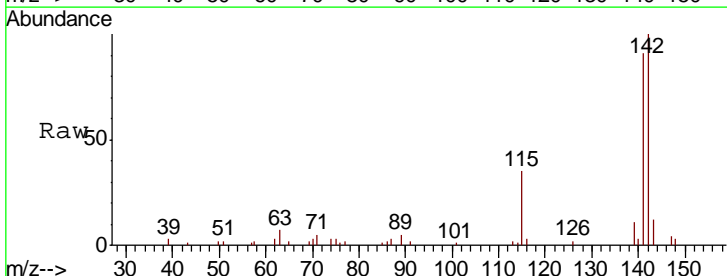
Instrument :
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 ClientSampled :
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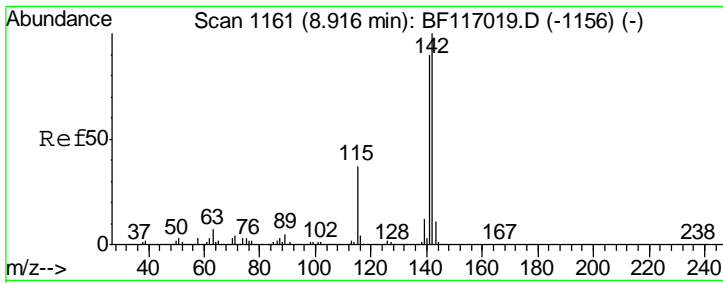
Tgt Ion	Resp	Lower	Upper
128	23082		
129	17.2	9.0	13.4#
127	14.2	10.8	16.2



#37
 2-Methylnaphthalene
 Concen: 5.126 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
142	30165		
141	91.3	70.7	106.1
115	34.6	29.4	44.0

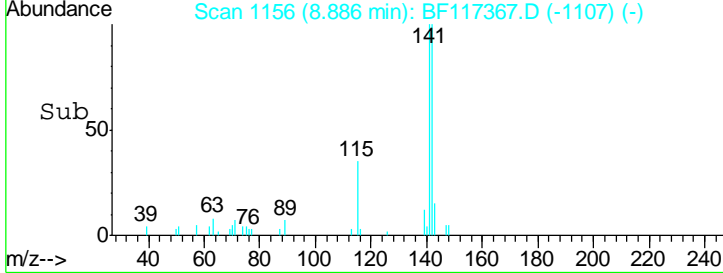
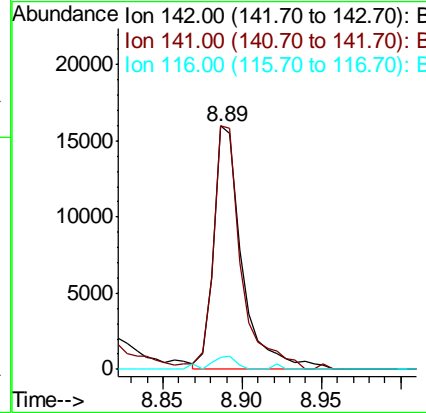
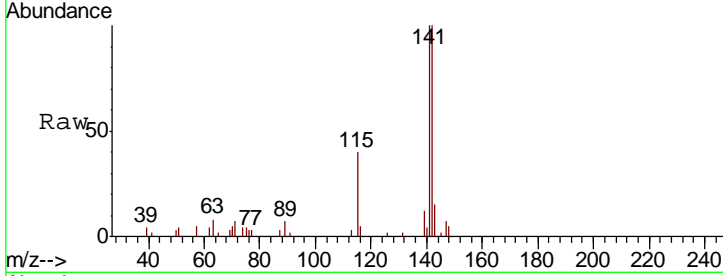




#38
 1-Methylnaphthalene
 Concen: 3.626 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

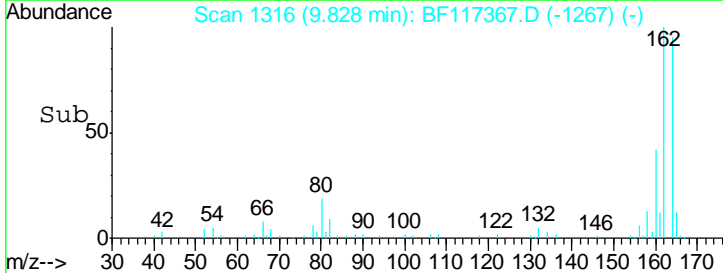
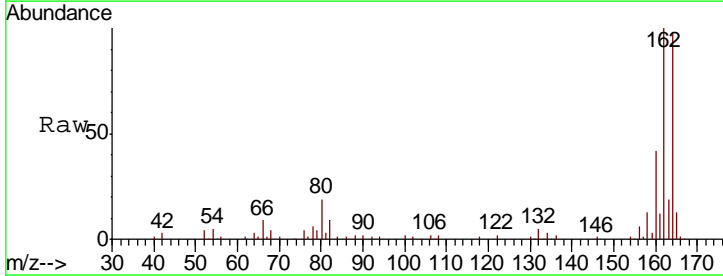
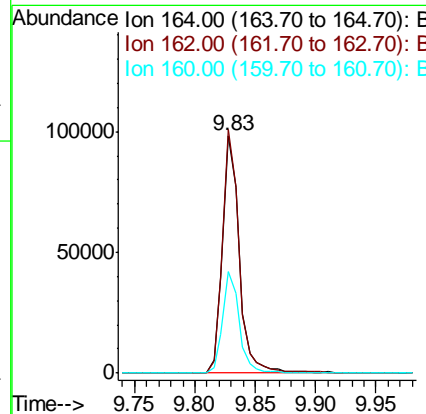
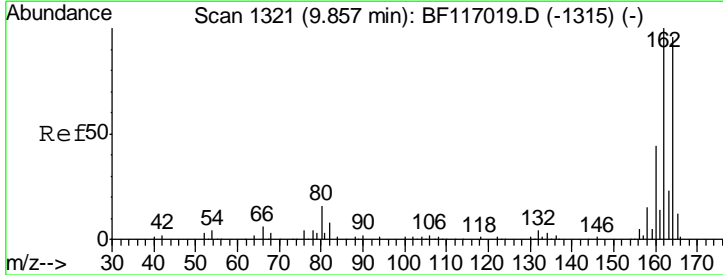
Instrument :
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 ClientSampled :
 TP-1

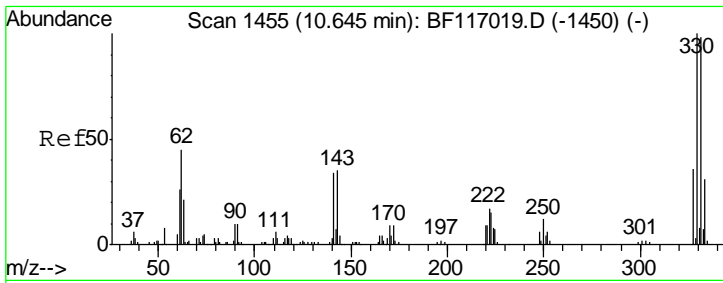
Tgt Ion	Resp	Lower	Upper
142	19986		
141	100	71.9	107.9
116	4.7	3.2	4.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
164	94464		
162	100	83.4	125.2
160	42.6	36.4	54.6

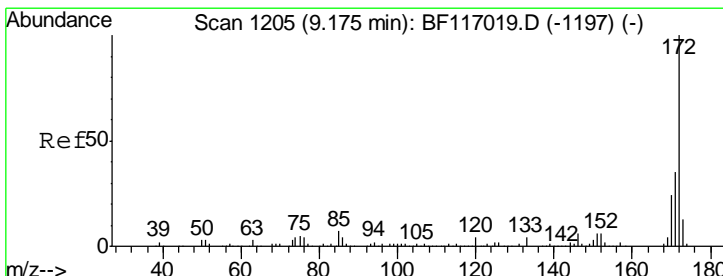
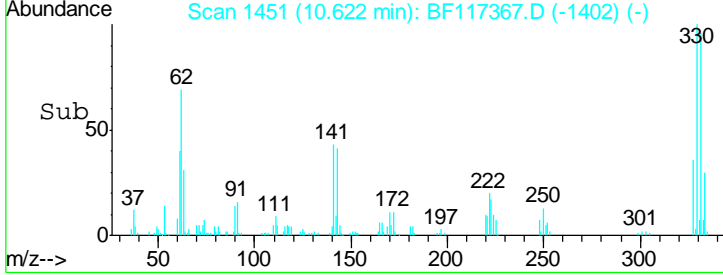
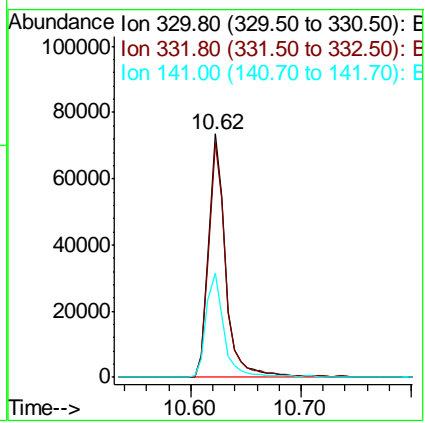
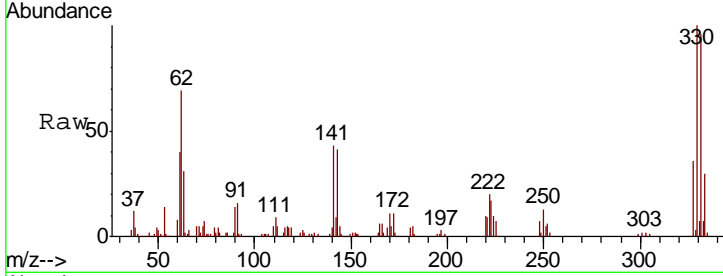




#42
 2,4,6-Tribromophenol
 Concen: 97.333 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

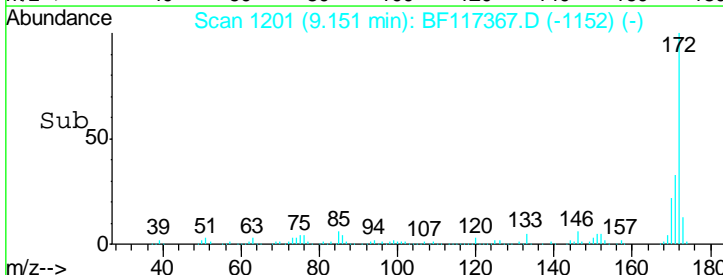
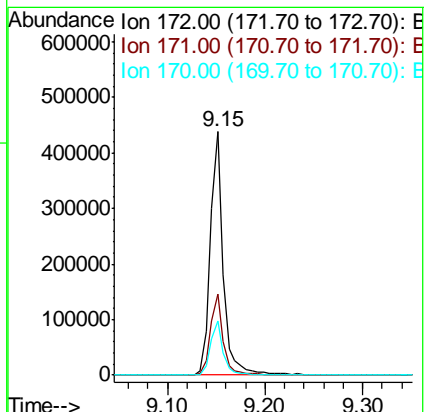
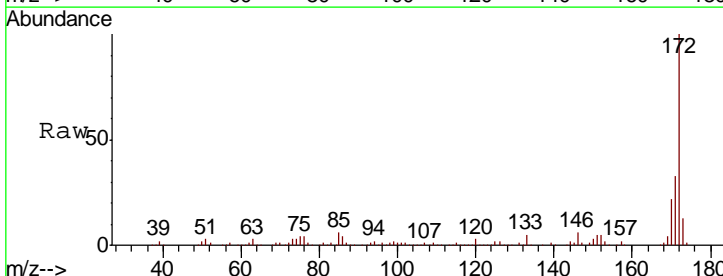
Instrument :
 BNA_F
 ClientSampled :
 TP-1

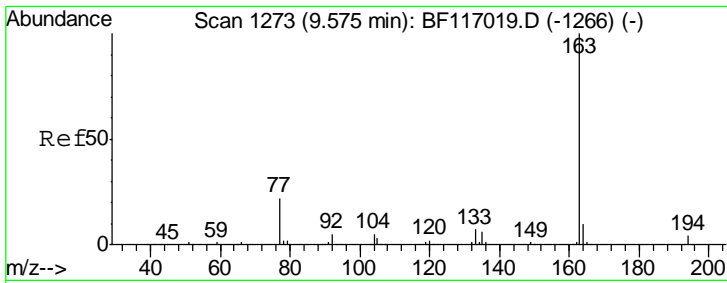
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	44.5	35.8	53.6



#45
 2-Fluorobiphenyl
 Concen: 66.870 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
172	100		
171	33.5	28.2	42.2
170	22.1	18.9	28.3

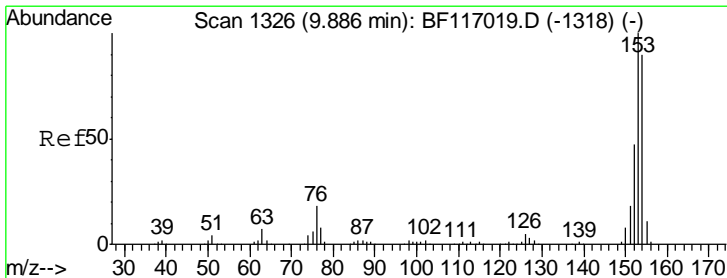
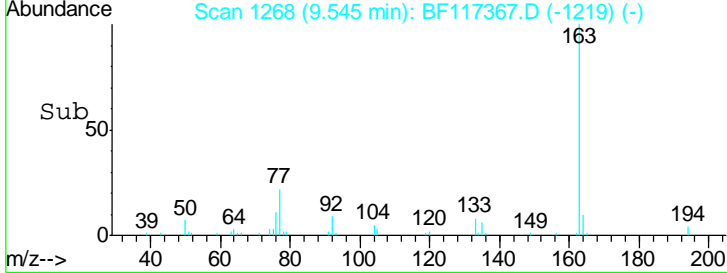
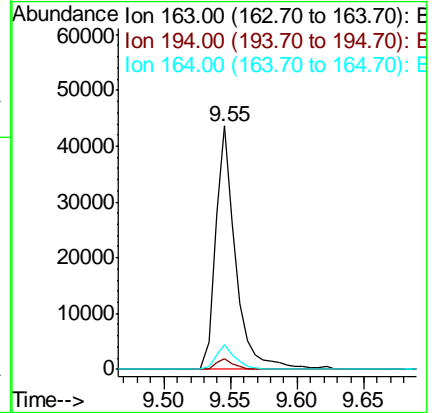
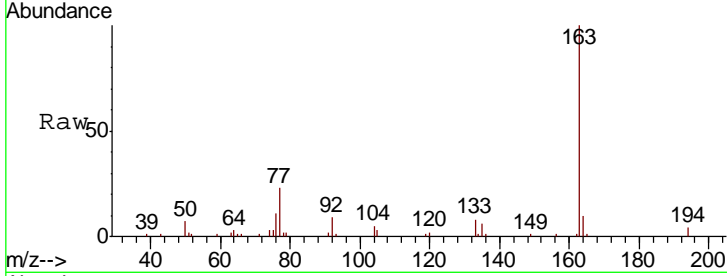




#50
 Dimethylphthalate
 Concen: 6.824 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

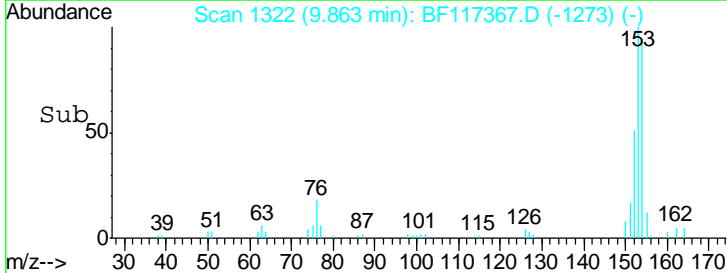
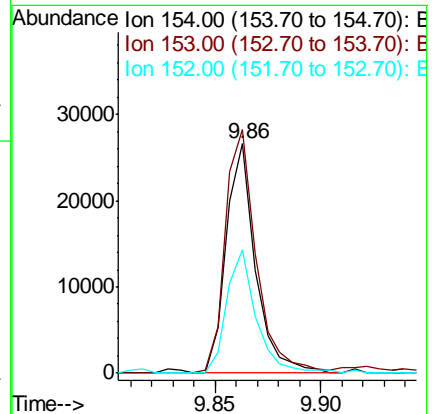
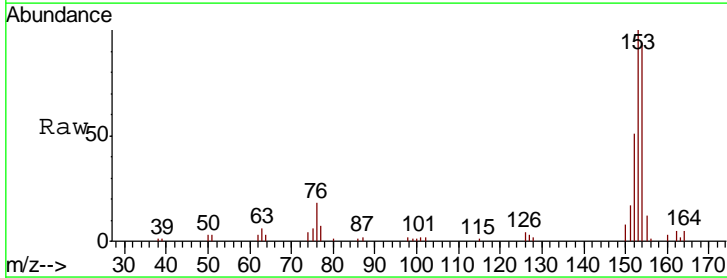
Instrument :
 BNA_F
 ClientSampled :
 TP-1

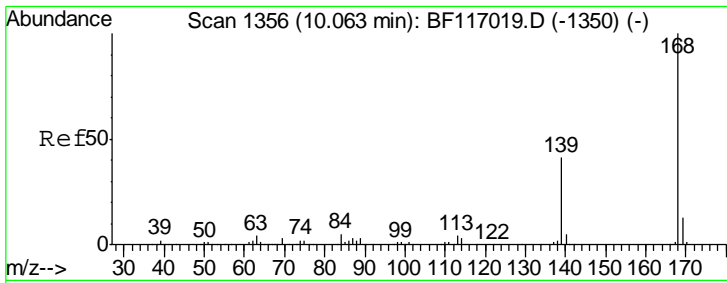
Tgt Ion	Resp	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	10.4	8.2	12.4



#52
 Acenaphthene
 Concen: 4.910 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
154	100		
153	106.1	89.0	133.6
152	53.9	41.9	62.9

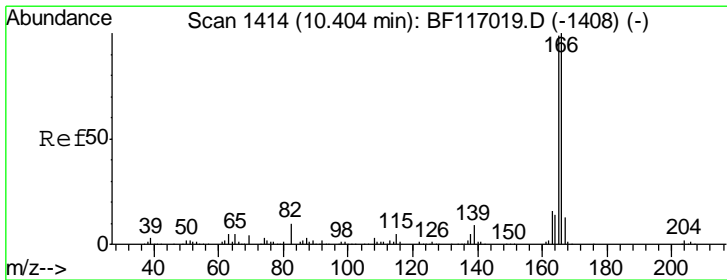
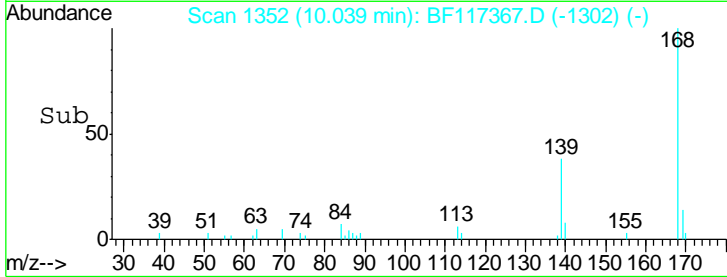
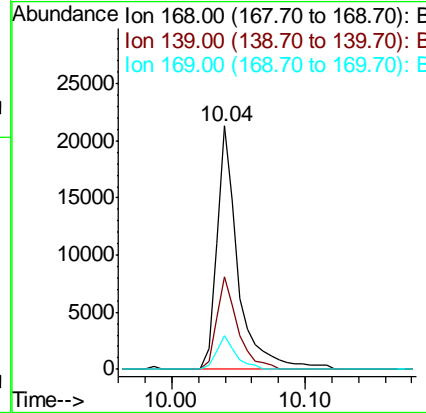
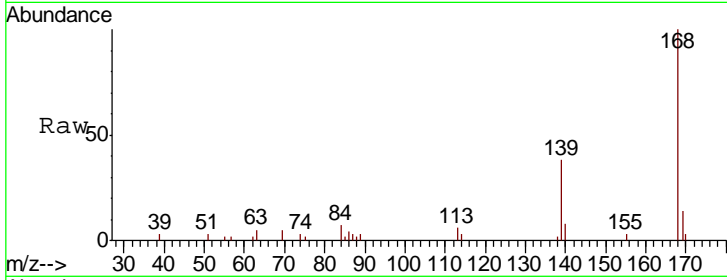




#55
 Dibenzofuran
 Concen: 3.088 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

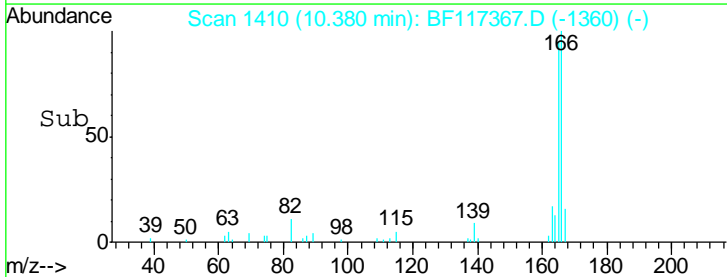
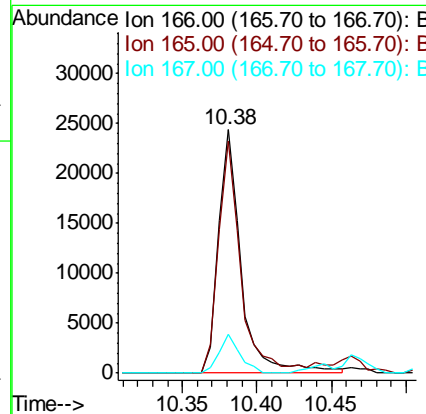
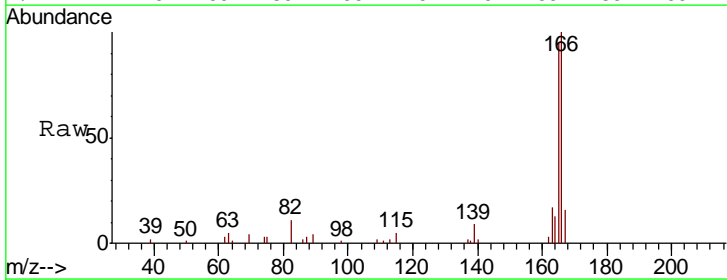
Instrument :
 BNA_F
 ClientSampleID :
 TP-1

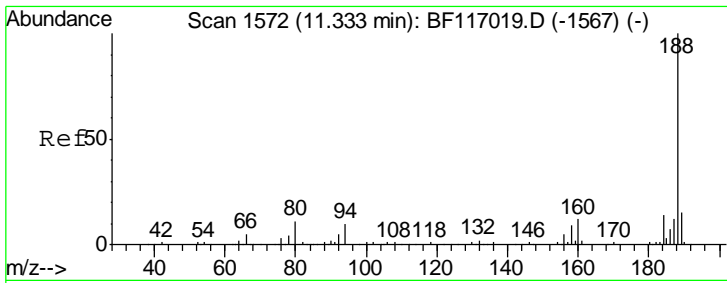
Tgt Ion	Resp	Lower	Upper
168	23658		
139	38.1	32.8	49.2
169	13.8	10.5	15.7



#58
 Fluorene
 Concen: 4.196 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
166	25900		
165	95.3	78.9	118.3
167	15.8	10.6	15.8#

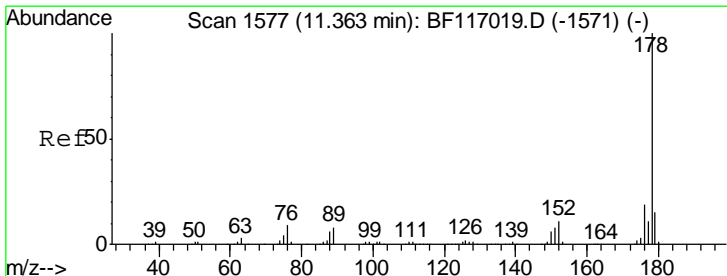
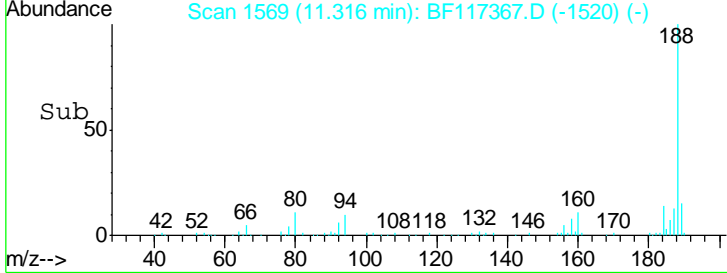
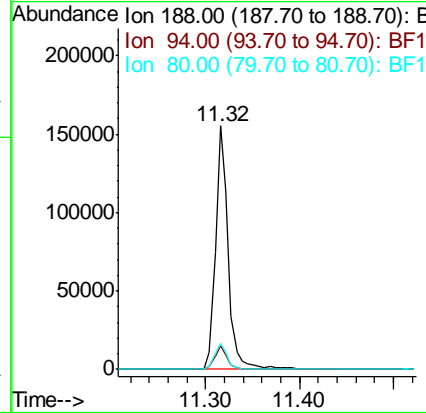
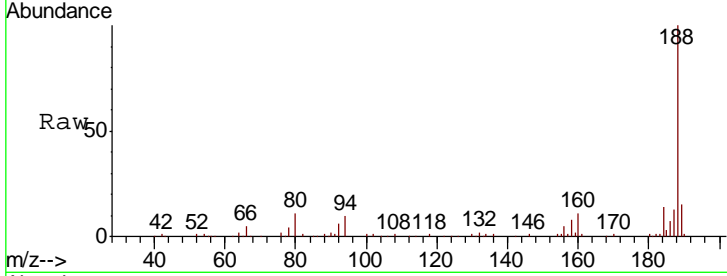




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

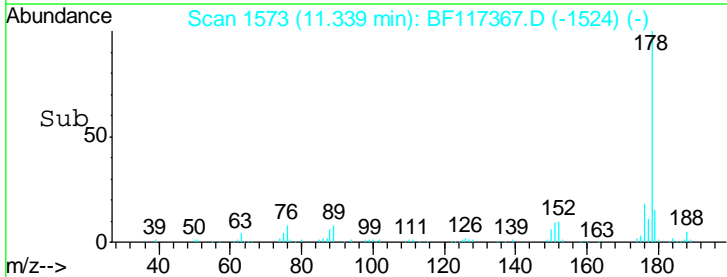
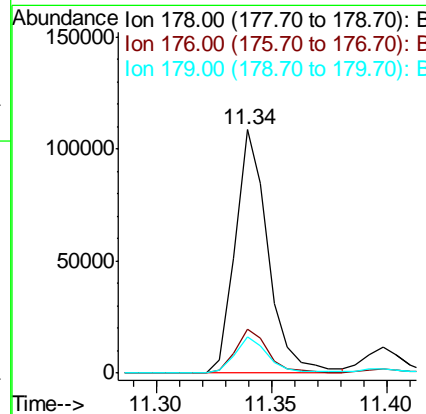
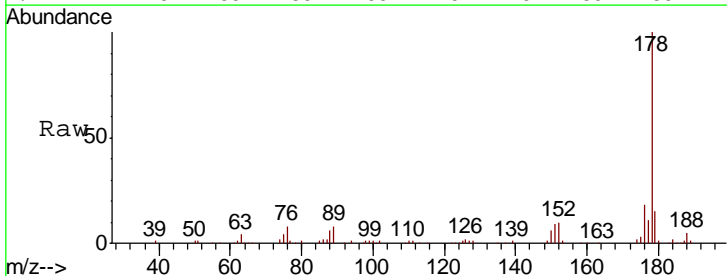
Instrument :
 BNA_F
 ClientSampled :
 TP-1

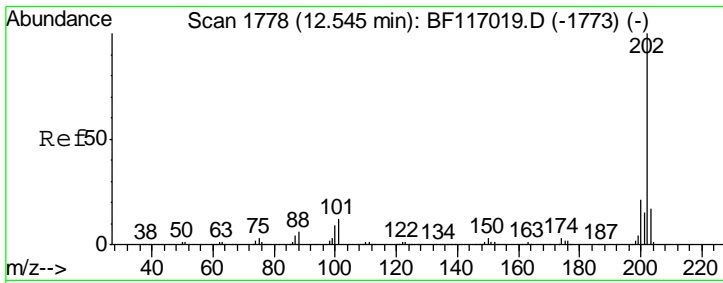
Tgt Ion	Resp	Lower	Upper
188	149077		
94	100	8.2	12.2
80	100	9.0	13.6



#71
 Phenanthrene
 Concen: 12.731 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
178	107804		
176	100	15.4	23.2
179	100	12.4	18.6

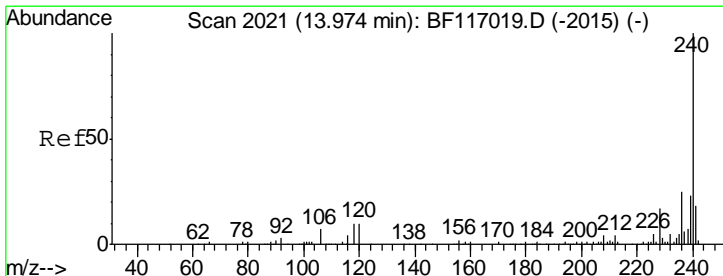
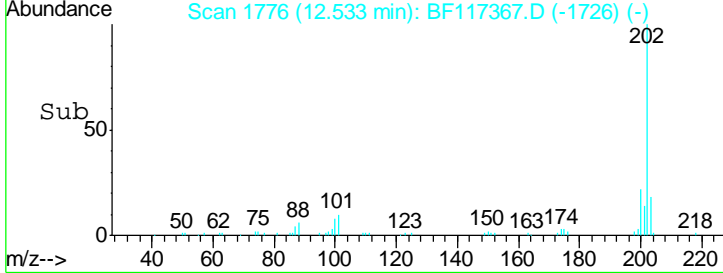
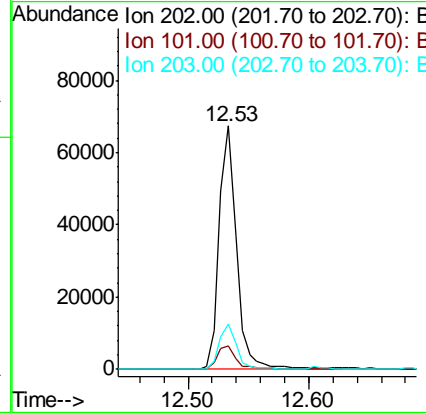
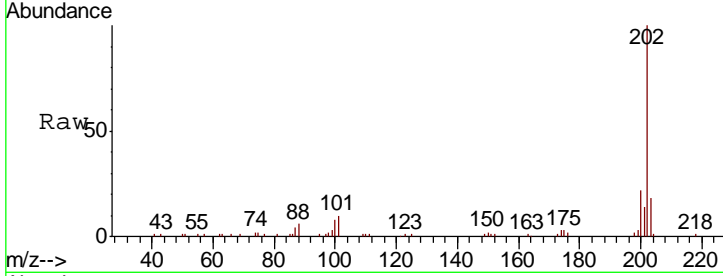




#75
 Fluoranthene
 Concen: 7.700 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

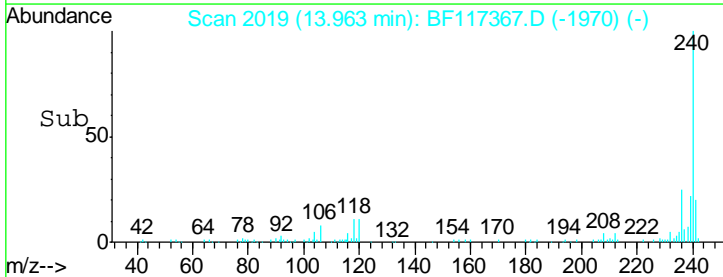
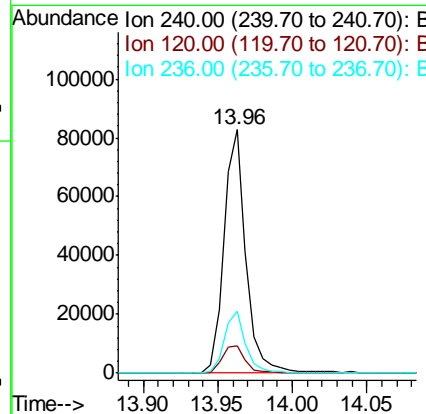
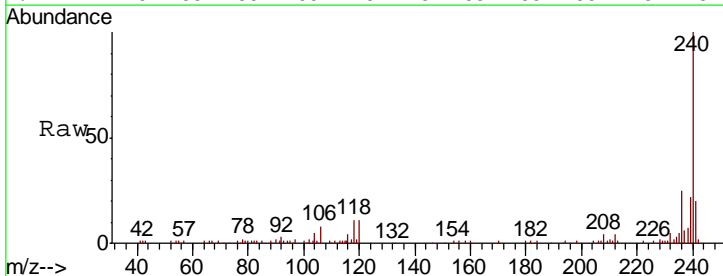
Instrument :
 BNA_F
 ClientSampled :
 TP-1

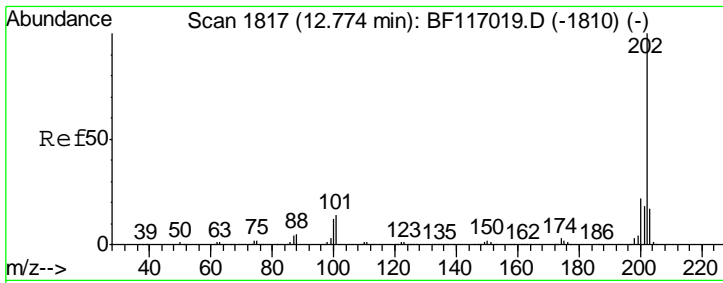
Tgt Ion	Resp	Lower	Upper
202	66995		
101	9.7	0.0	32.3
203	18.3	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
240	85974		
120	11.2	8.3	12.5
236	25.3	20.3	30.5

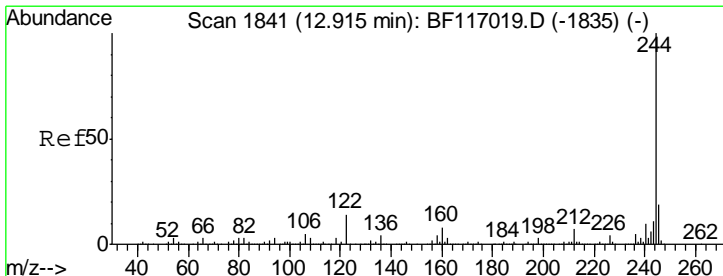
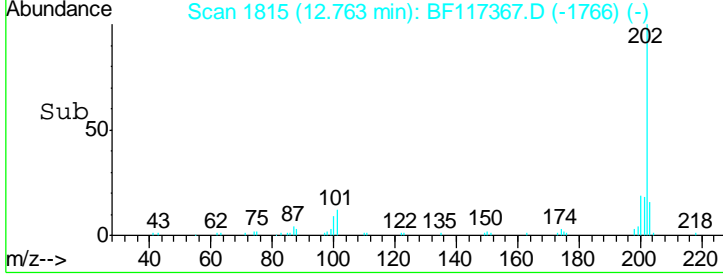
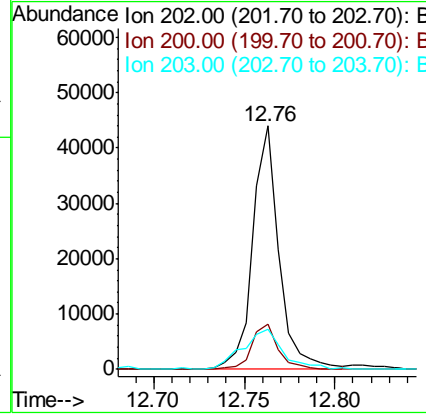
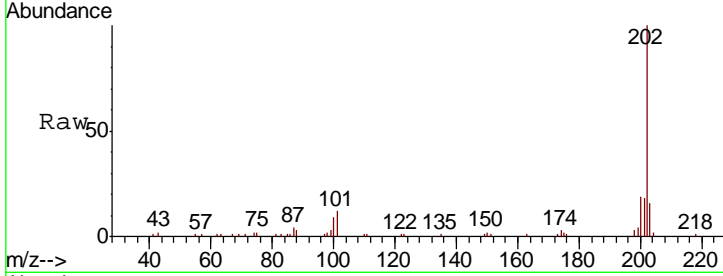




#78
 Pyrene
 Concen: 6.137 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

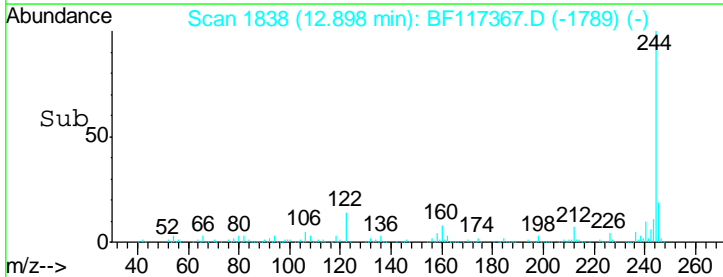
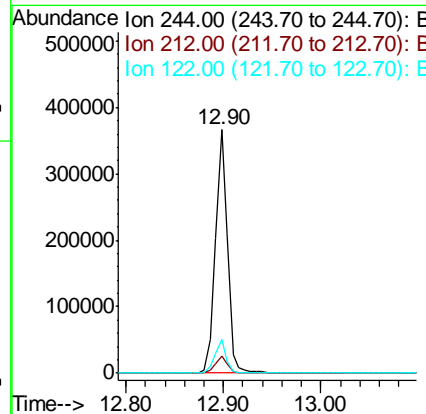
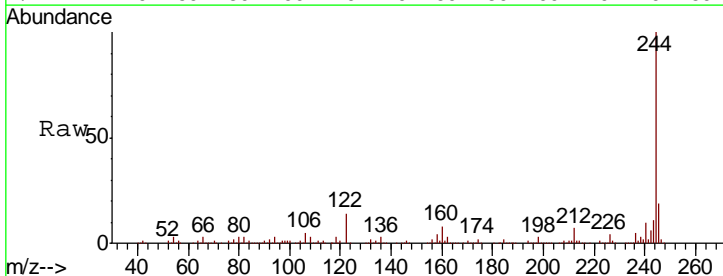
Instrument :
 BNA_F
 ClientSampled :
 TP-1

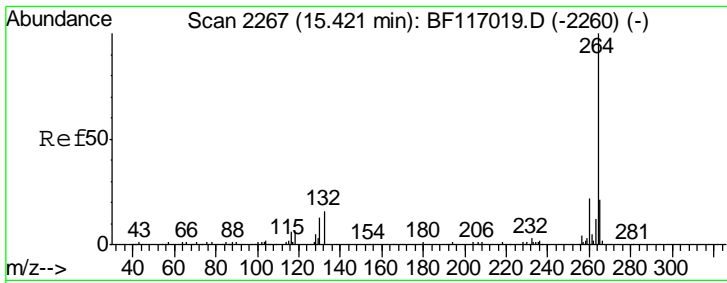
Tgt Ion	Resp	Lower	Upper
202	44271		
200	18.8	17.2	25.8
203	16.4	14.0	21.0



#79
 Terphenyl-d14
 Concen: 68.614 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Tgt Ion	Resp	Lower	Upper
244	315586		
212	7.0	5.8	8.8
122	13.6	11.3	16.9





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117367.D
 Acq: 10 Oct 2019 18:29

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion: 264 Resp: 98624

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.6	26.4
265	22.1	16.6	24.8

