

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119148.D
 Acq On : 28 Feb 2020 23:47
 Operator : CG/JU
 Sample : L1373-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:42:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

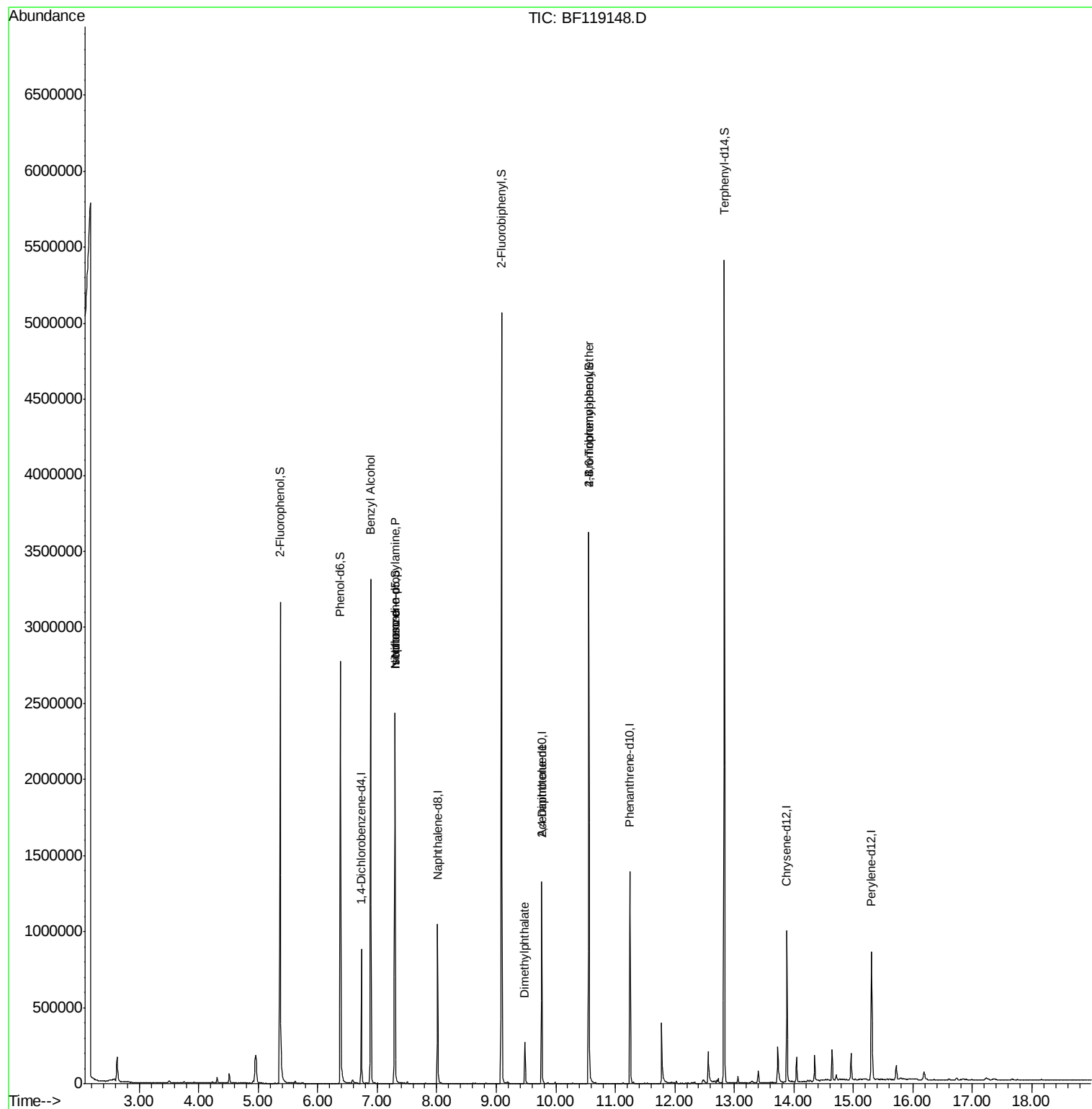
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	133925	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	505472	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	276754	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	523834	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	346067	20.00	ng	-0.02
87) Perylene-d12	15.30	264	361328	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	965455	120.47	ng	0.00
7) Phenol-d6	6.38	99	1070176	109.80	ng	-0.02
23) Nitrobenzene-d5	7.30	82	847986	88.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	475372	131.30	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1593261	84.81	ng	-0.02
79) Terphenyl-d14	12.83	244	1982329	98.62	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	14513	2.060	ng	# 51
19) n-Nitroso-di-n-propylamine	7.30	70	117398	20.672	ng	# 74
25) Isophorone	7.30	82	838303	50.421	ng	# 63
50) Dimethylphthalate	9.48	163	122844	5.805	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	35575	5.837	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	31852	4.652	ng	# 1

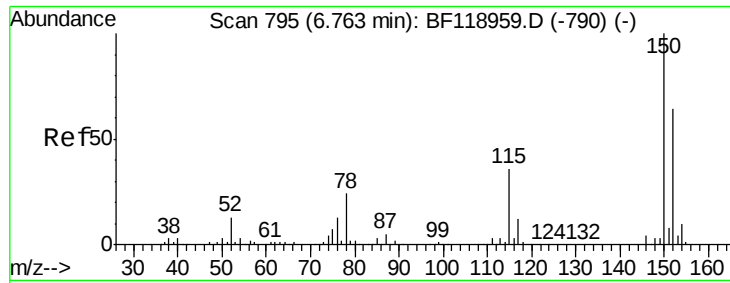
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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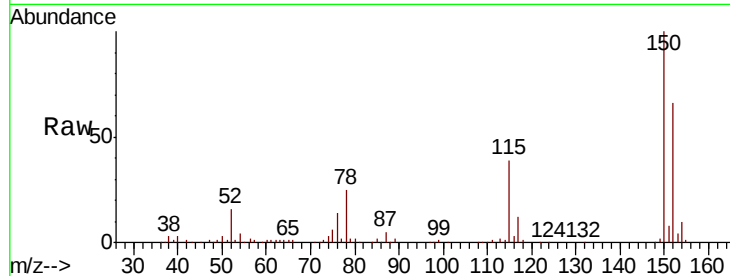


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119148.D
Acq: 28 Feb 2020 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.0	184.6
115	59.4	49.5	74.3

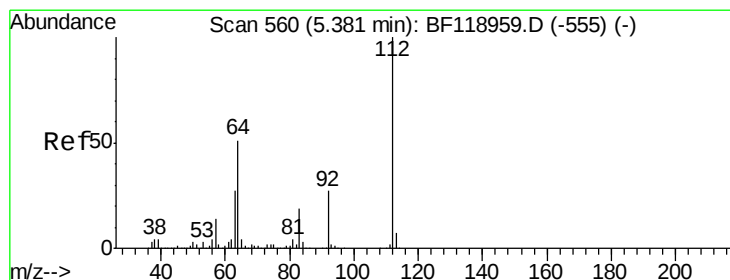
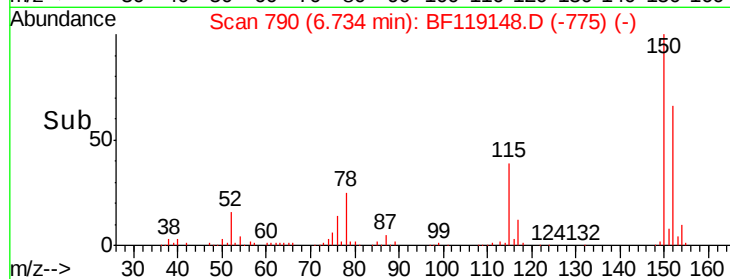
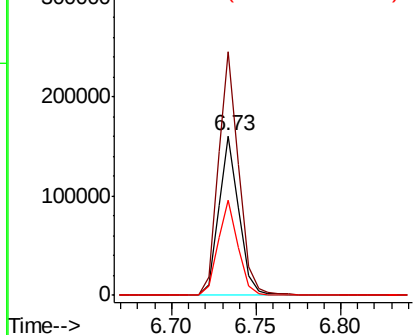


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

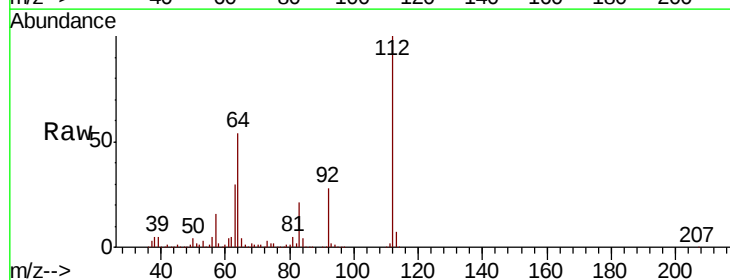
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.474 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119148.D
Acq: 28 Feb 2020 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.0	67.4
63	29.6	24.2	36.4

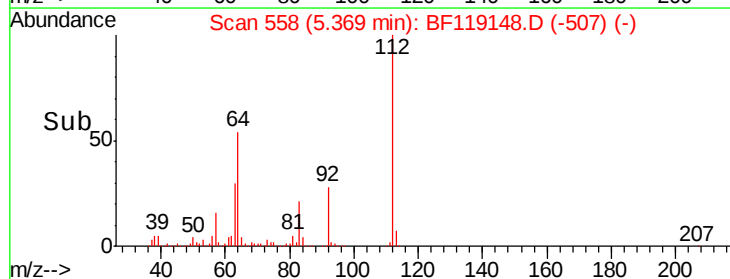
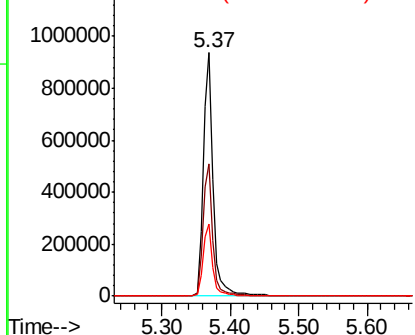


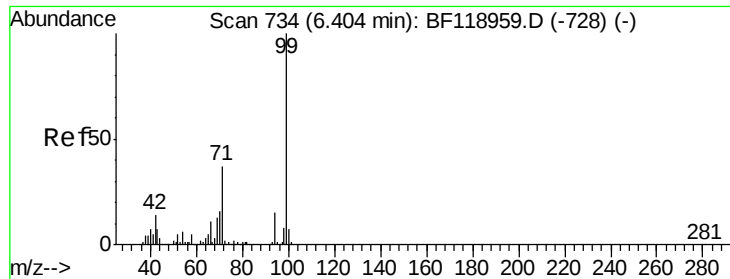
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.804 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119148.D

Acq: 28 Feb 2020 23:47

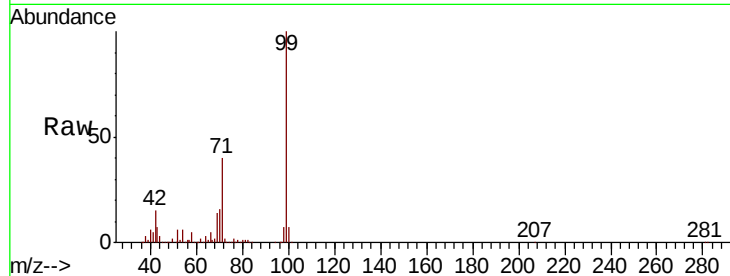
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1070176

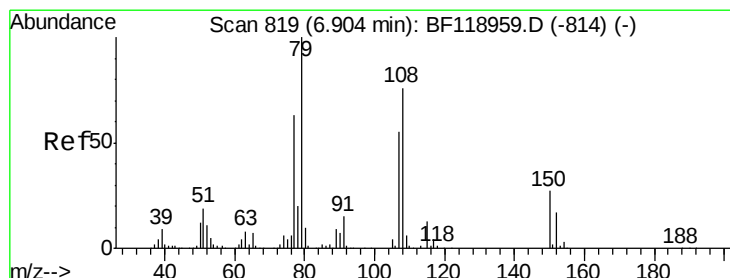
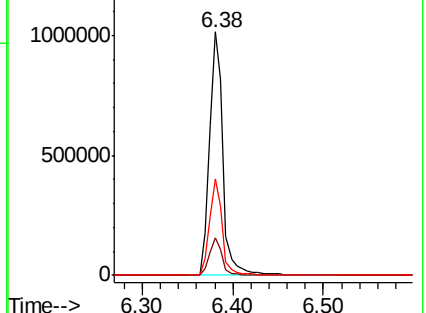
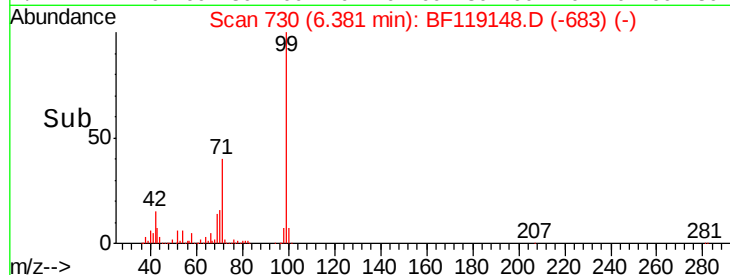
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.6	18.8
71	39.6	31.0	46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.060 ng

RT: 6.89 min Scan# 817

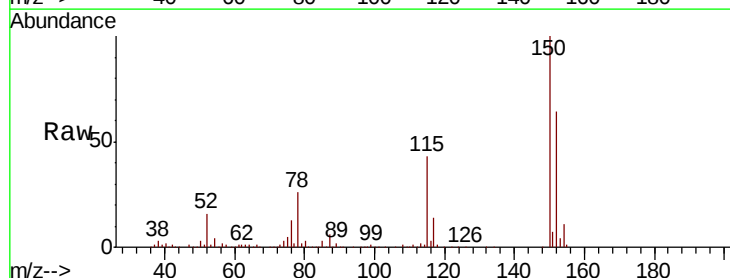
Delta R.T. -0.01 min

Lab File: BF119148.D

Acq: 28 Feb 2020 23:47

Tgt Ion: 79 Resp: 14513

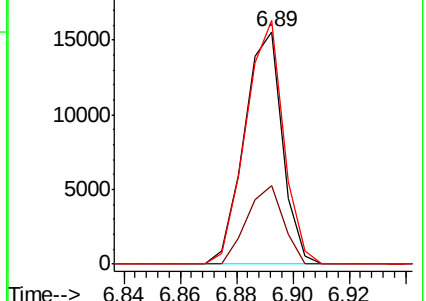
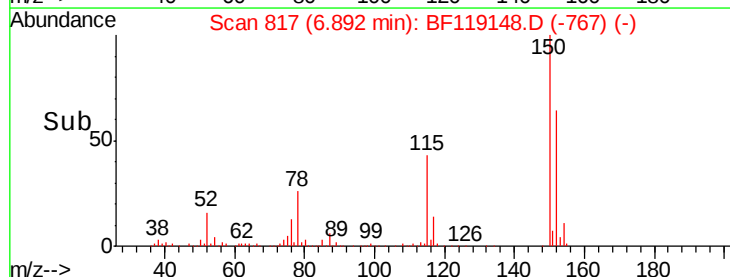
Ion	Ratio	Lower	Upper
79	100		
108	33.8	58.2	87.2#
77	104.9	51.2	76.8#

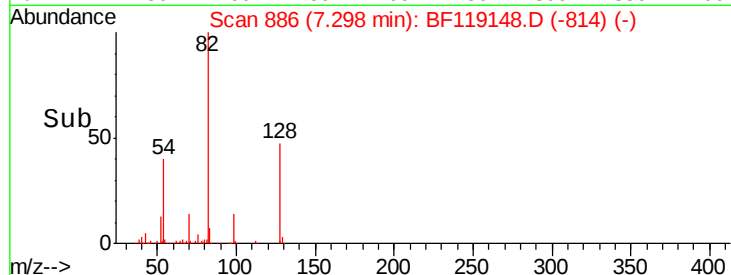
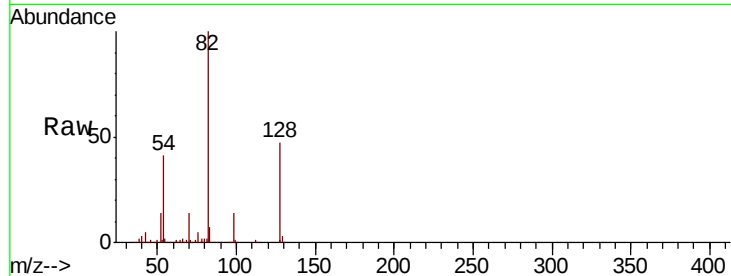


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

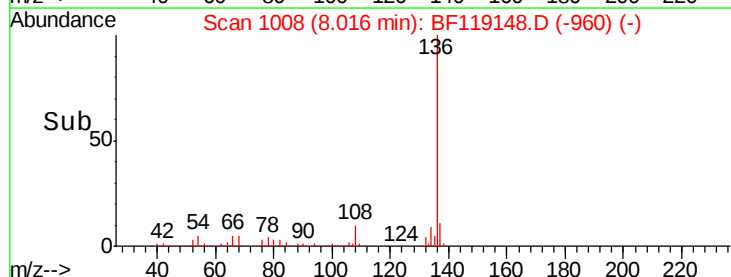
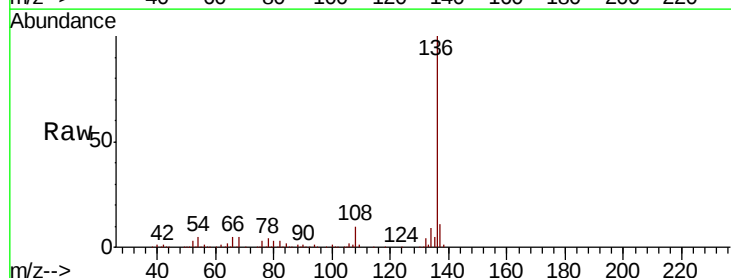
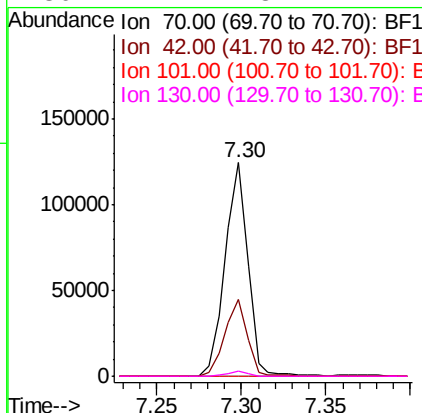




#19
n-Nitroso-di-n-propylamine
Concen: 20.672 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119148.D
Acq: 28 Feb 2020 23:47

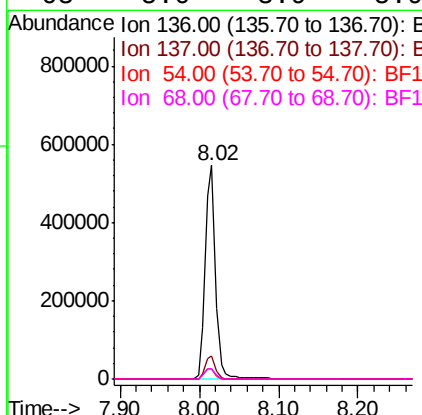
Instrument :
BNA_F
ClientSampleId :

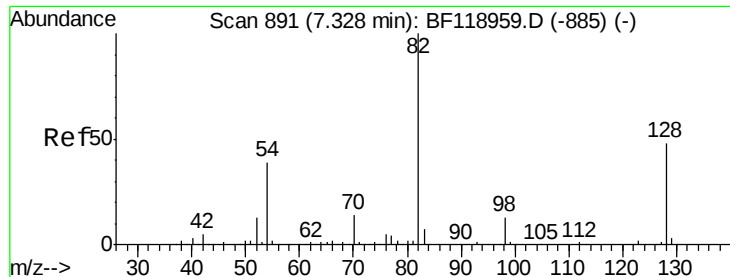
Tot Ion:	70	Resp:	117398
Ion	Ratio	Lower	Upper
70	100		
42	36.1	38.0	57.0#
101	0.0	8.2	12.4#
130	2.1	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119148.D
Acq: 28 Feb 2020 23:47

Tgt Ion:	136	Resp:	505472
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	4.6	3.8	5.6
68	5.0	3.9	5.9

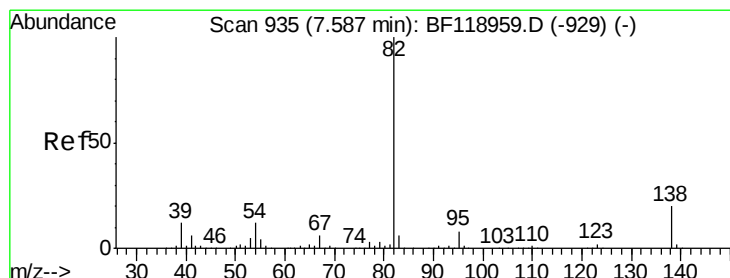
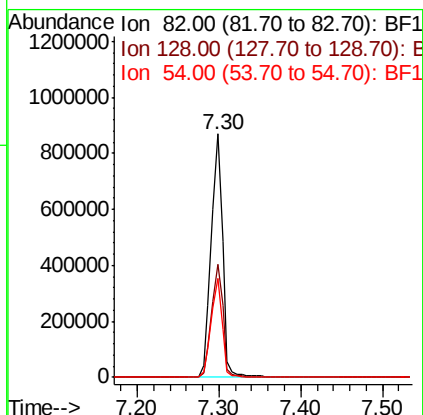
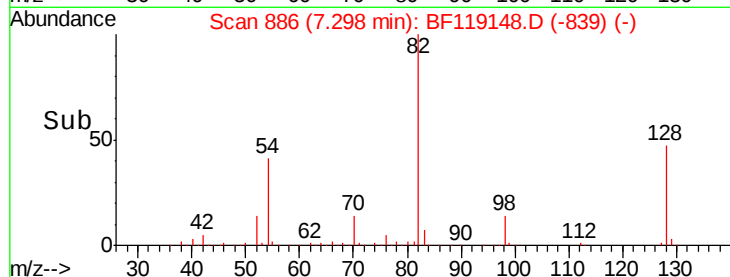
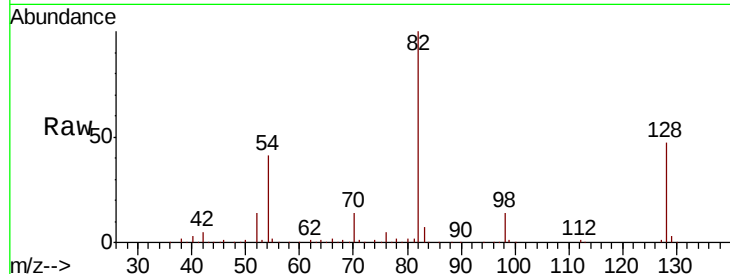




#23
 Nitrobenzene-d5
 Concen: 88.578 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119148.D
 Acq: 28 Feb 2020 23:47

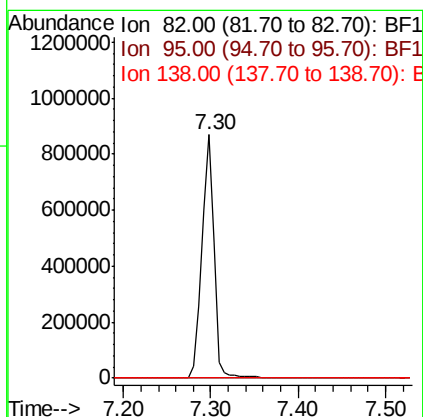
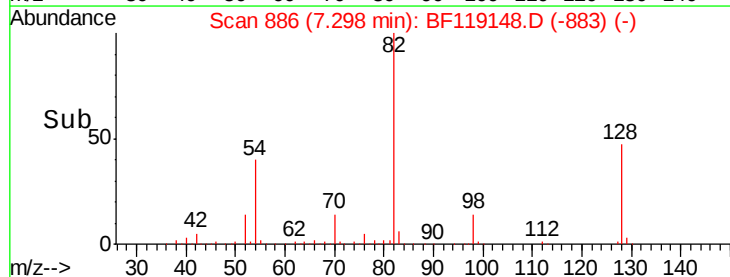
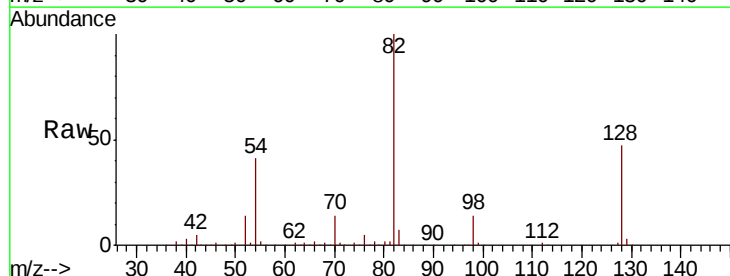
Instrument :
 BNA_F
 ClientSampled :

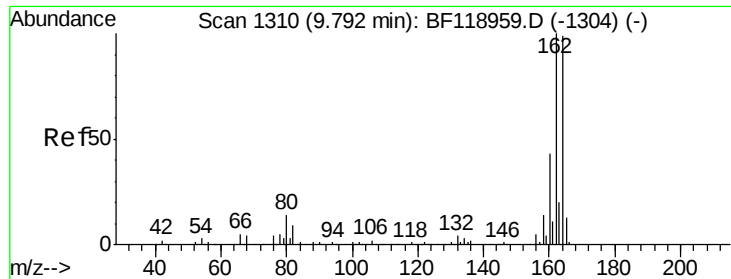
Tot Ion	82	Resp	847986
Ion Ratio	Lower	Upper	
82	100		
128	46.6	37.9	56.9
54	40.5	33.4	50.2



#25
 Isophorone
 Concen: 50.421 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.28 min
 Lab File: BF119148.D
 Acq: 28 Feb 2020 23:47

Tgt Ion	82	Resp	838303
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#

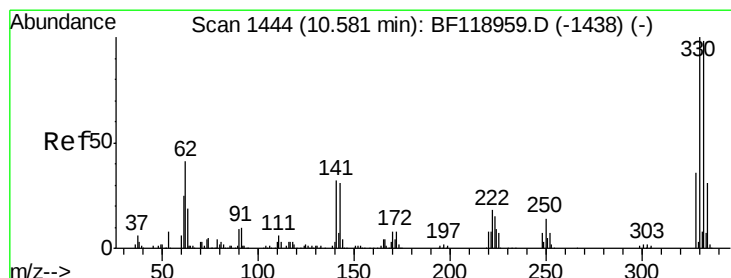
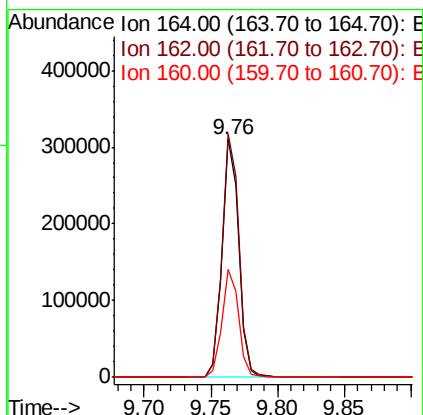
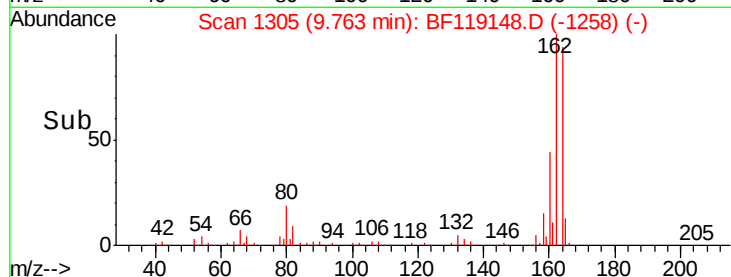
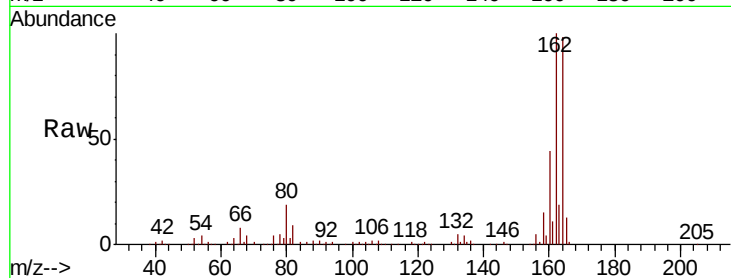




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119148.D
Acq: 28 Feb 2020 23:47

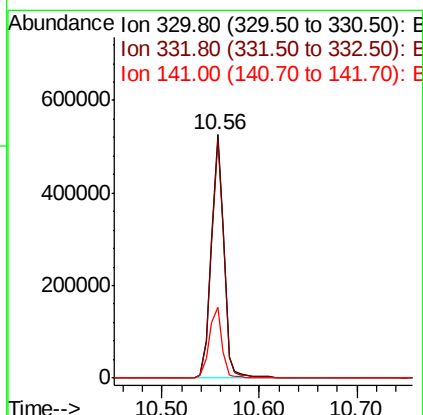
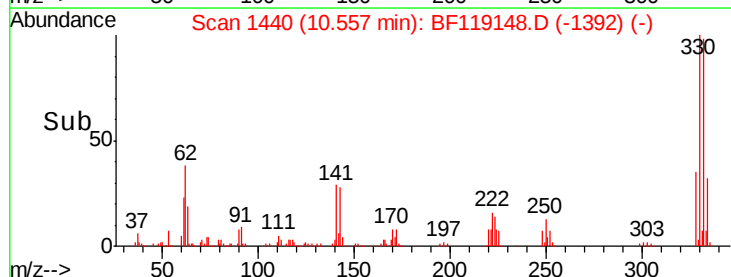
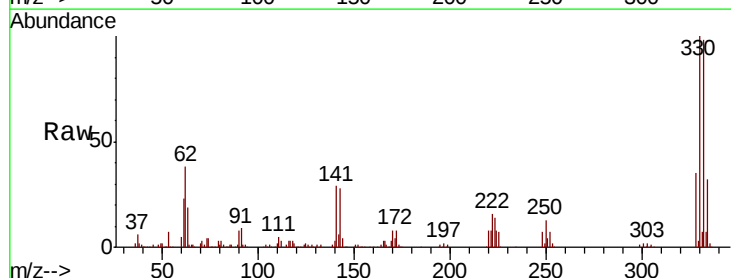
Instrument :
BNA_F
ClientSampleId :

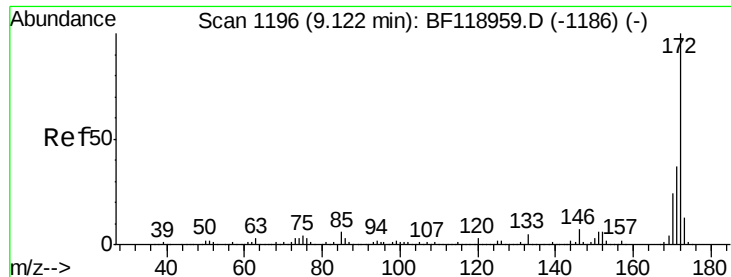
Tot Ion:164 Resp: 276754
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.8
160 45.1 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 131.303 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119148.D
Acq: 28 Feb 2020 23:47

Tgt Ion:330 Resp: 475372
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 29.8 22.9 34.3



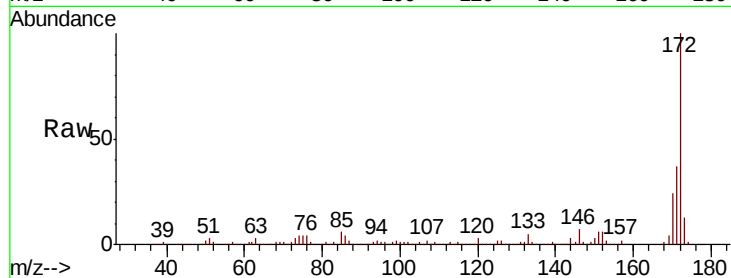


#45
 2-Fluorobiphenyl
 Concen: 84.810 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119148.D
 Acq: 28 Feb 2020 23:47

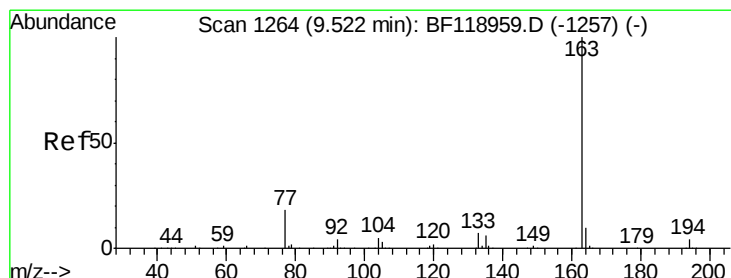
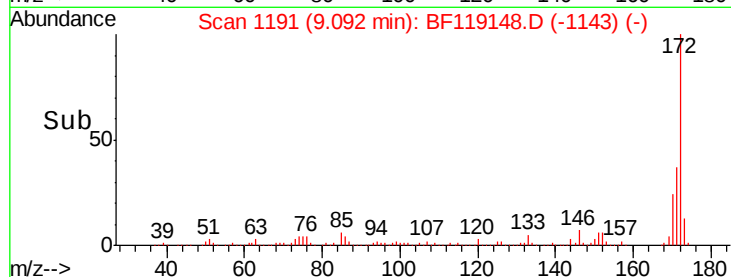
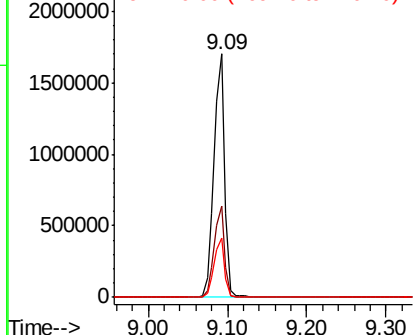
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1593261

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	45.8
170	24.2	20.2	30.2



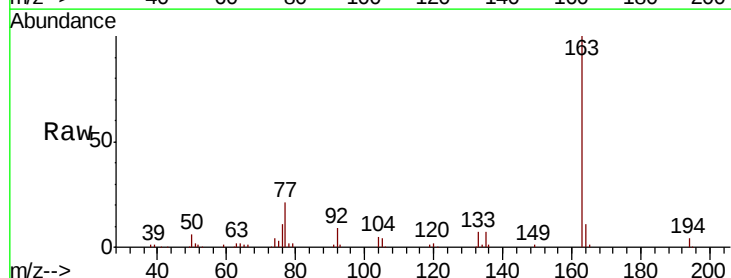
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



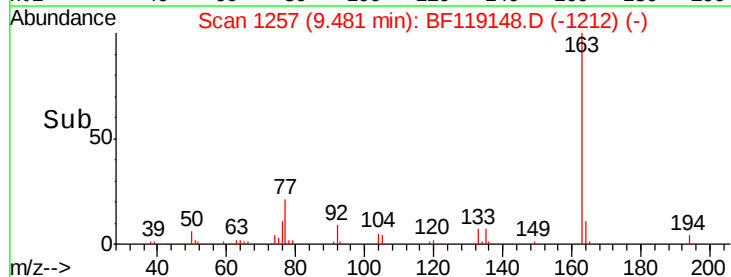
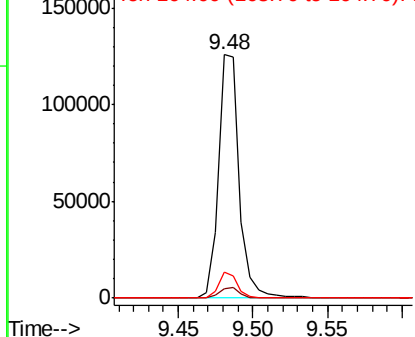
#50
 Dimethylphthalate
 Concen: 5.805 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.04 min
 Lab File: BF119148.D
 Acq: 28 Feb 2020 23:47

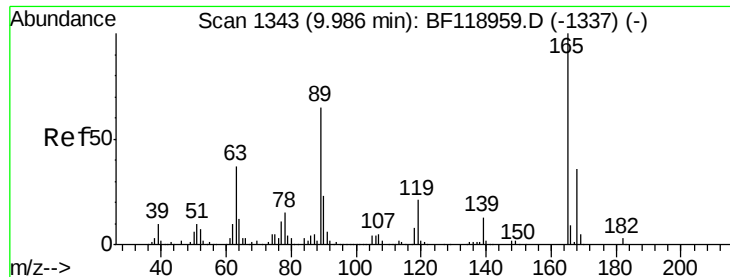
Tgt Ion:163 Resp: 122844

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.6	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

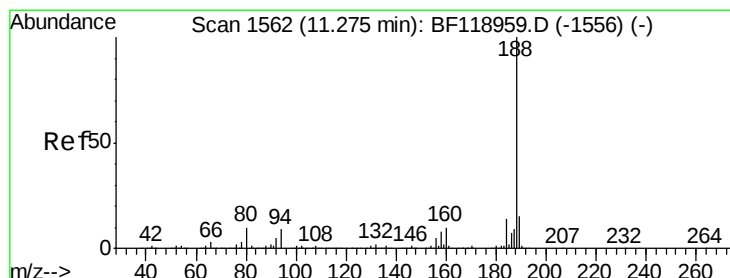
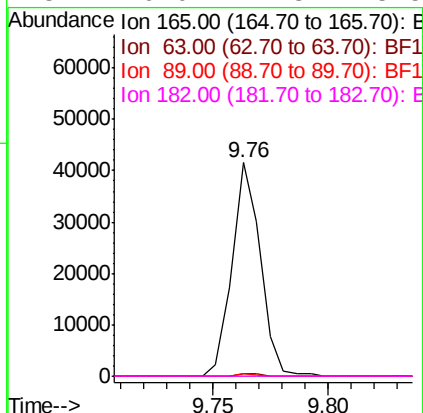
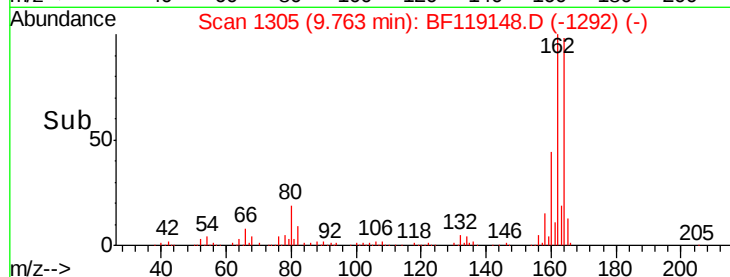
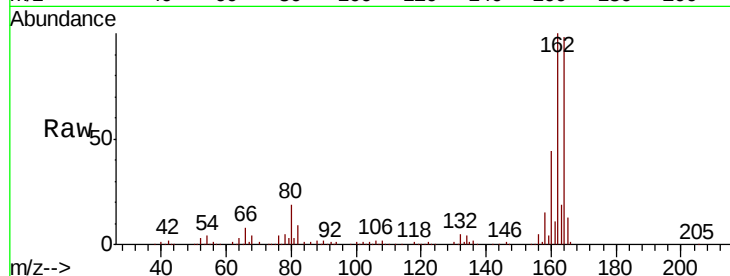




#57
 2,4-Dinitrotoluene
 Concen: 5.837 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119148.D
 Acq: 28 Feb 2020 23:47

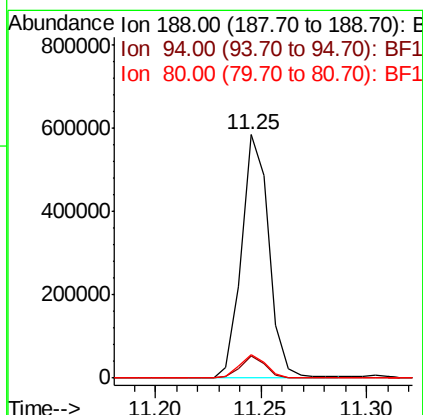
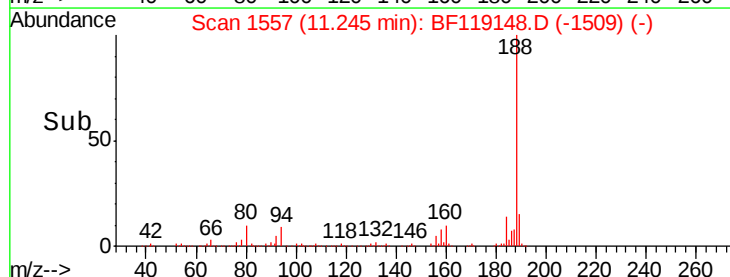
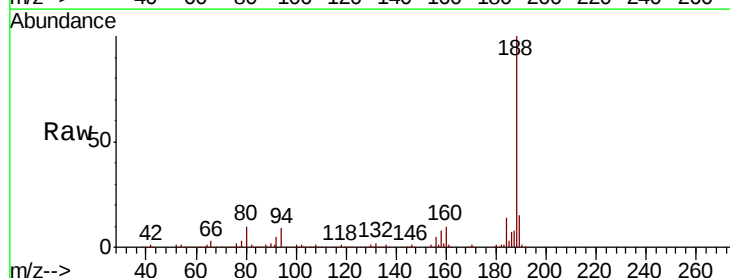
Instrument :
 BNA_F
 ClientSampleId :

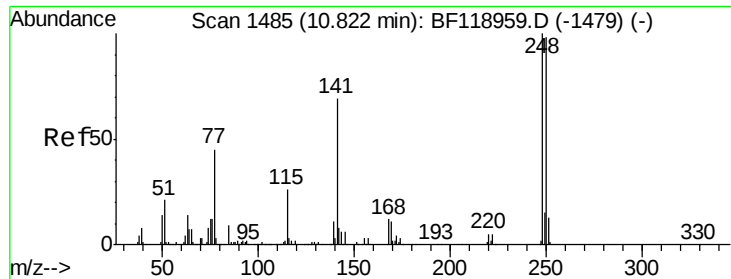
Tot Ion:	165	Resp:	35575
Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.5	60.2	90.4#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119148.D
 Acq: 28 Feb 2020 23:47

Tgt Ion:	188	Resp:	523834
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.7	7.8	11.8

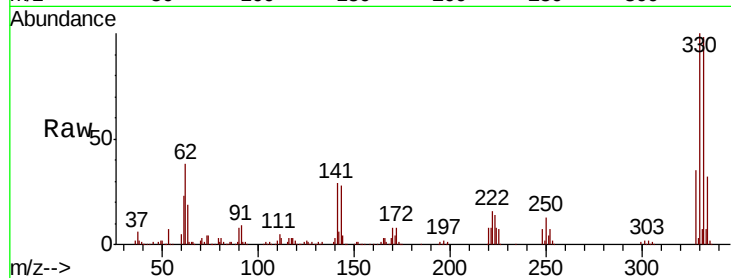




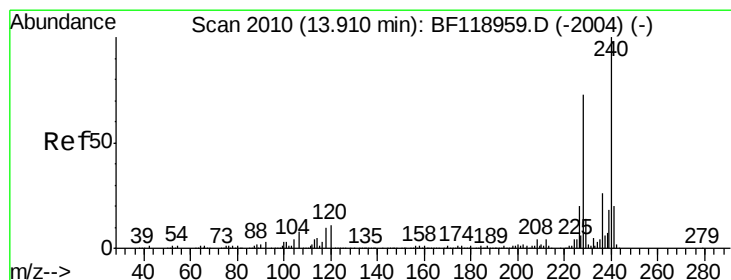
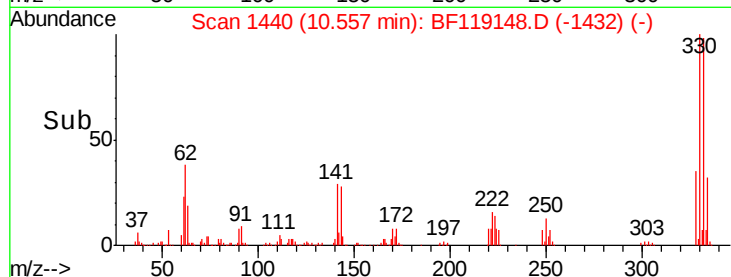
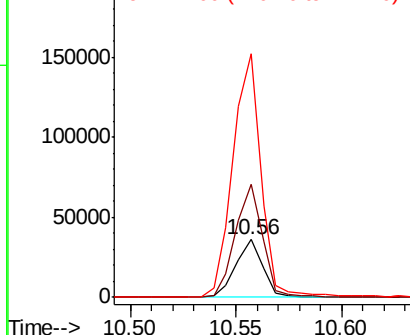
#67
4-Bromophenyl-phenylether
Concen: 4.652 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119148.D
Acq: 28 Feb 2020 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31852
Ion Ratio Lower Upper
248 100
250 196.7 76.7 115.1#
141 423.8 60.7 91.1#

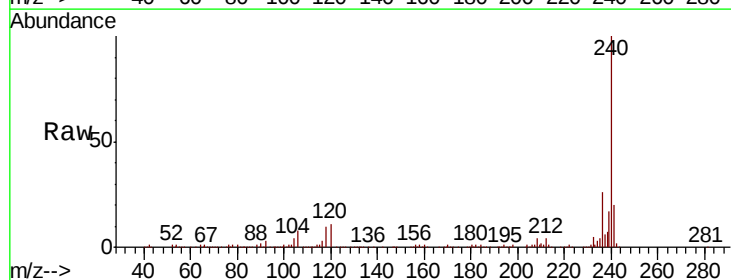


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

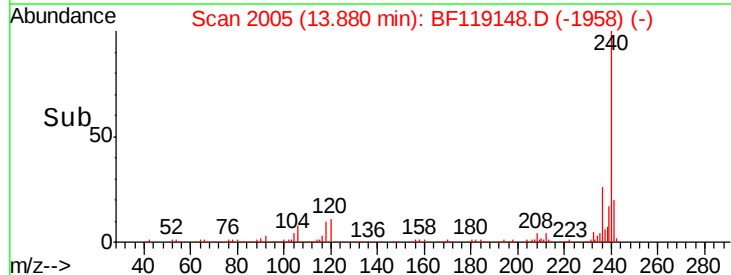
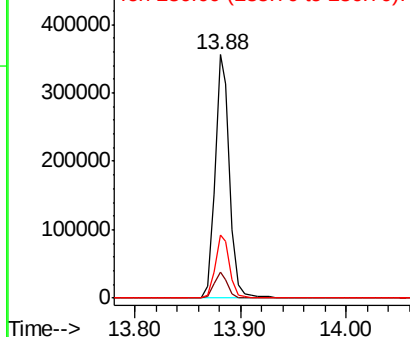


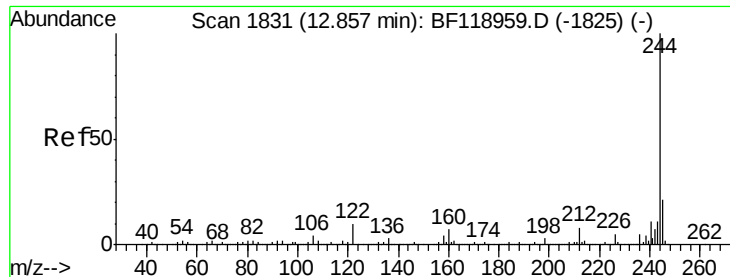
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119148.D
Acq: 28 Feb 2020 23:47

Tgt Ion:240 Resp: 346067
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.9 21.0 31.4



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





#79

Terphenyl-d14

Concen: 98.620 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119148.D

Acq: 28 Feb 2020 23:47

Instrument :

BNA_F

ClientSampleId :

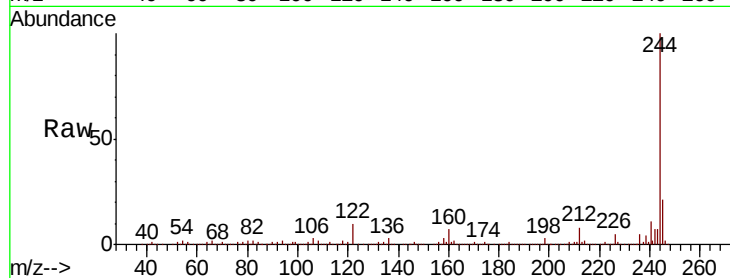
Tot Ion:244 Resp: 1982329

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

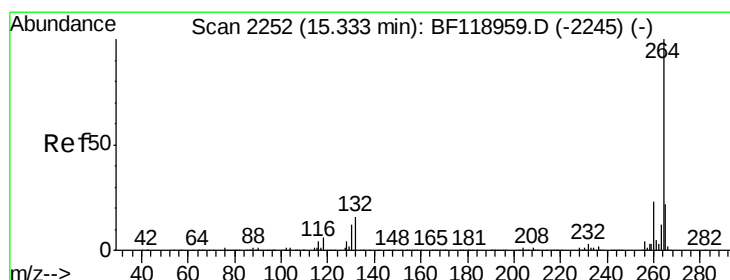
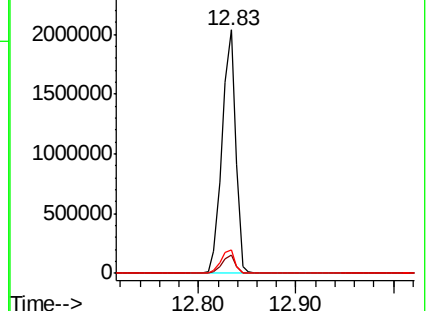
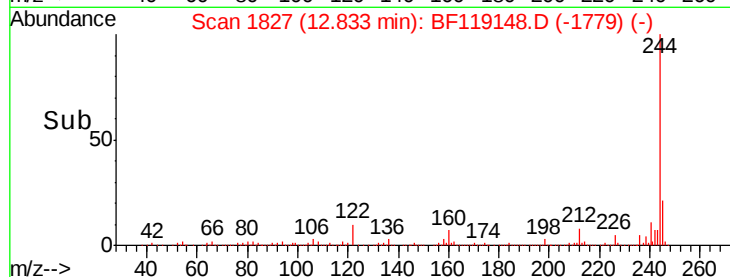
122 9.7 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119148.D

Acq: 28 Feb 2020 23:47

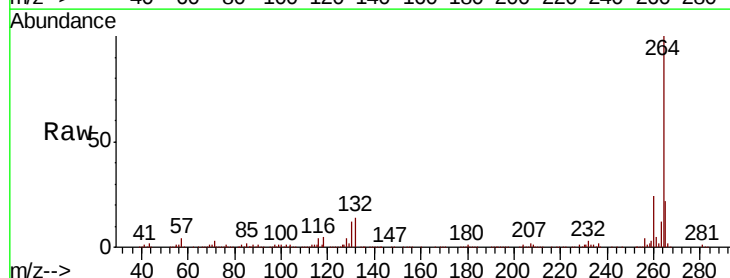
Tgt Ion:264 Resp: 361328

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.9 17.7 26.5



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

