

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119067.D
 Acq On : 25 Feb 2020 16:20
 Operator : CG/JU
 Sample : L1586-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:26:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189409	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	719834	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	405742	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	761545	20.00	ng	0.00
76) Chrysene-d12	13.90	240	639472	20.00	ng	0.00
87) Perylene-d12	15.33	264	559908	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	847157	74.75	ng	0.00
7) Phenol-d6	6.40	99	441614	32.04	ng	0.00
23) Nitrobenzene-d5	7.32	82	1154073	84.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	674481	127.07	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2227503	80.88	ng	-0.01
79) Terphenyl-d14	12.86	244	2812430	75.72	ng	0.00

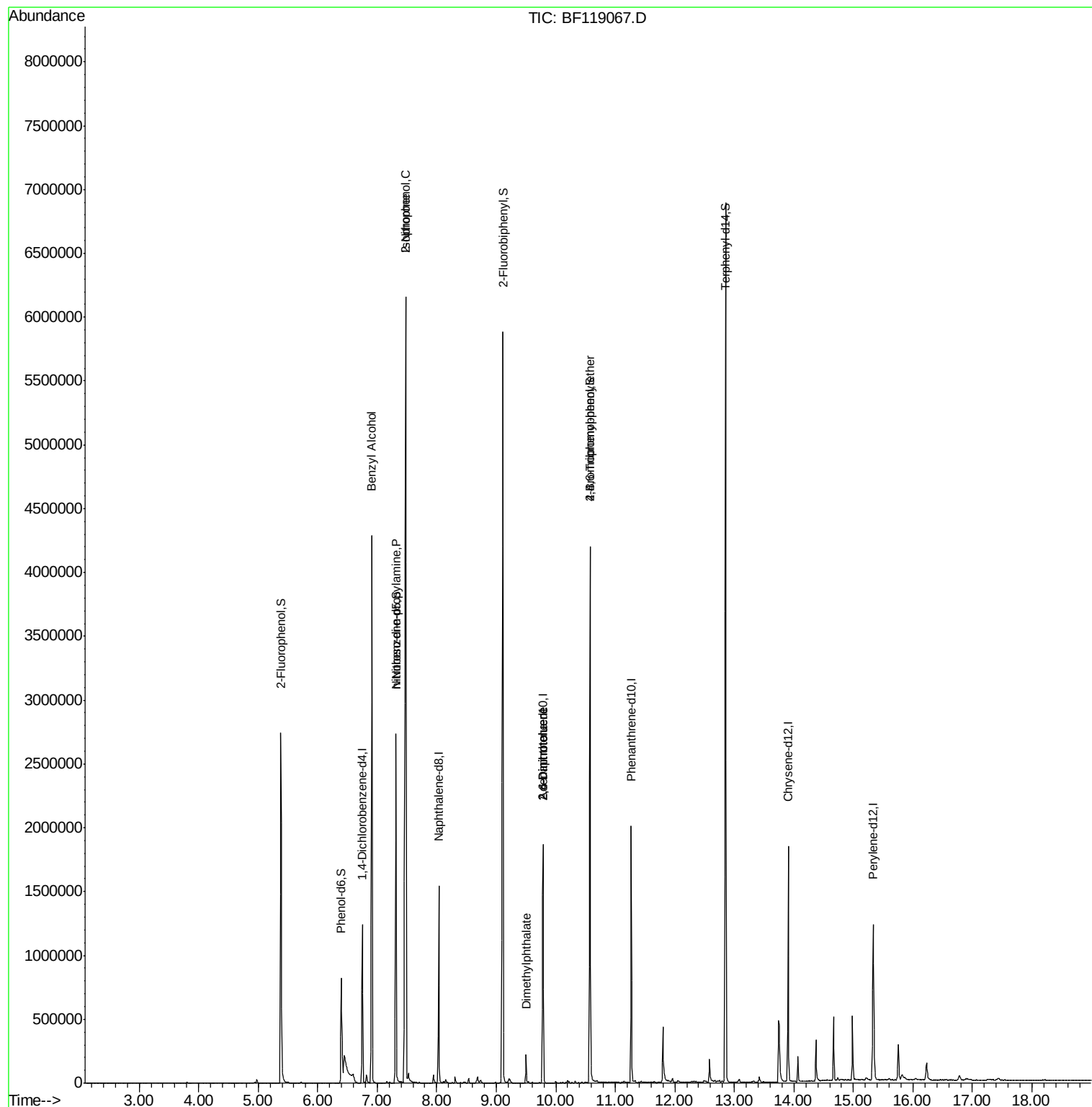
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.91	79	20251	2.033	ng	# 45
19) n-Nitroso-di-n-propylamine	7.32	70	160923	20.035	ng	# 79
25) Isophorone	7.48	82	529984	22.384	ng	# 84
26) 2-Nitrophenol	7.48	139	178760	25.025	ng	# 1
50) Dimethylphthalate	9.50	163	102712	3.310	ng	99
51) 2,6-Dinitrotoluene	9.79	165	51055	7.407	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	51055	5.714	ng	# 29
67) 4-Bromophenyl-phenylether	10.58	248	44141	4.434	ng	# 1

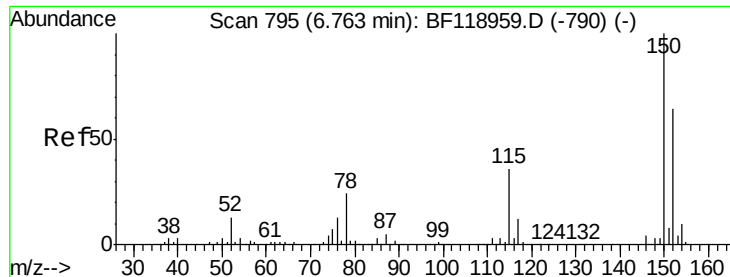
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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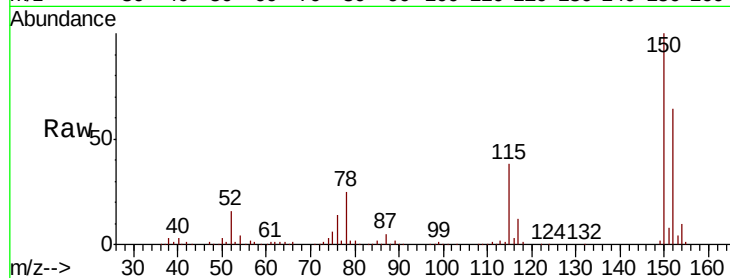


#1

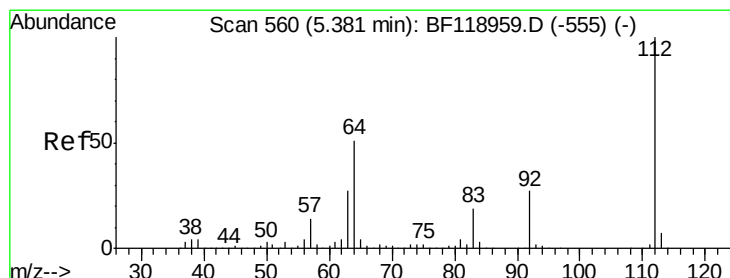
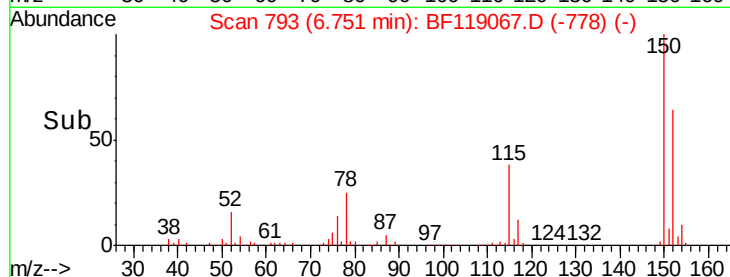
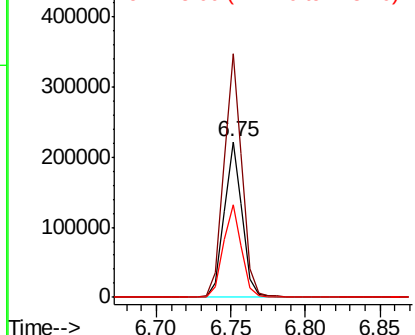
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 189409
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 59.1 44.6 67.0



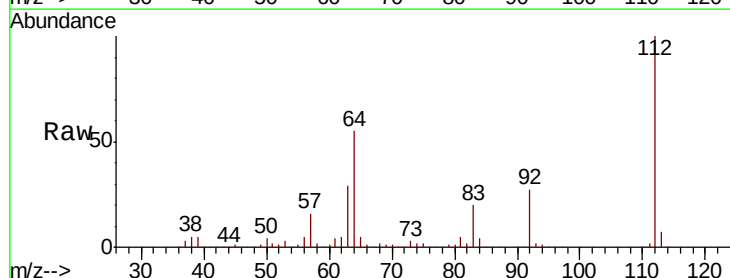
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



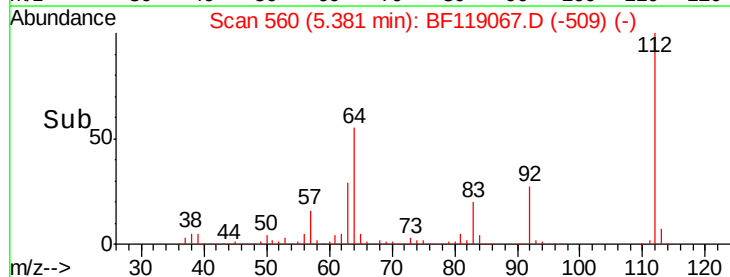
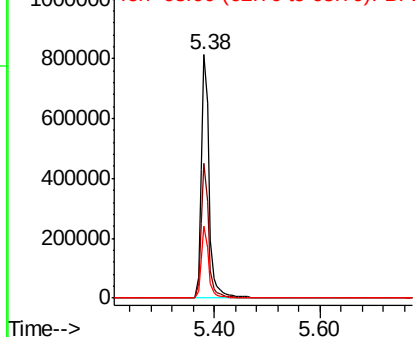
#5

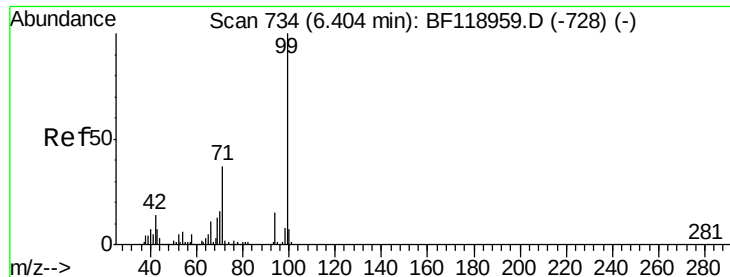
2-Fluorophenol
Concen: 74.746 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Tgt Ion:112 Resp: 847157
Ion Ratio Lower Upper
112 100
64 55.3 40.4 60.6
63 29.5 21.3 31.9



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: 32.038 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119067.D

Acq: 25 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

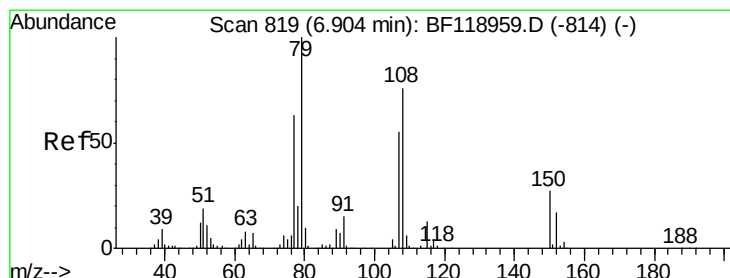
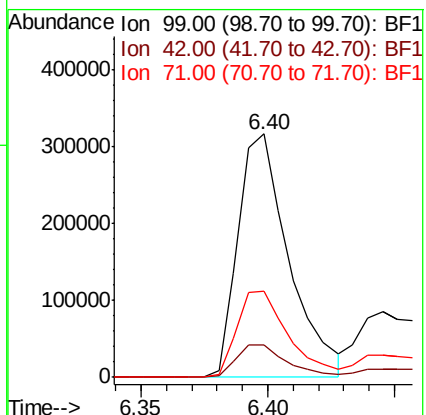
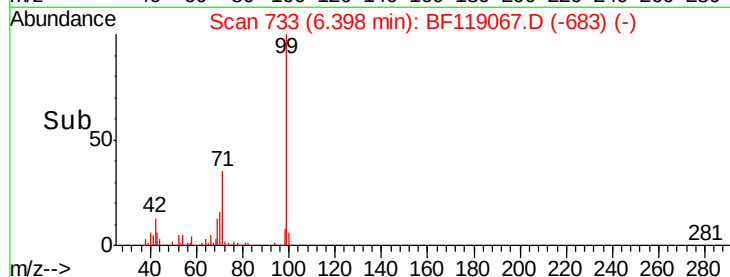
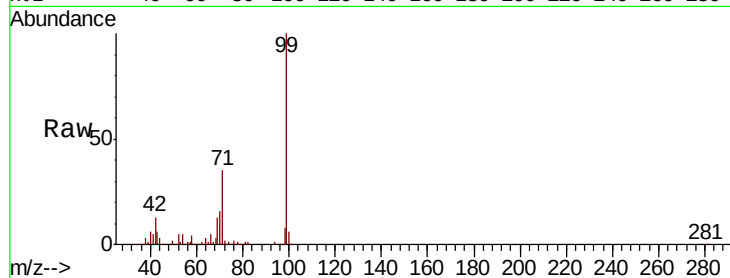
Tot Ion: 99 Resp: 441614

Ion Ratio Lower Upper

99 100

42 13.3 11.4 17.0

71 35.5 29.8 44.6



#15

Benzyl Alcohol

Concen: 2.033 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119067.D

Acq: 25 Feb 2020 16:20

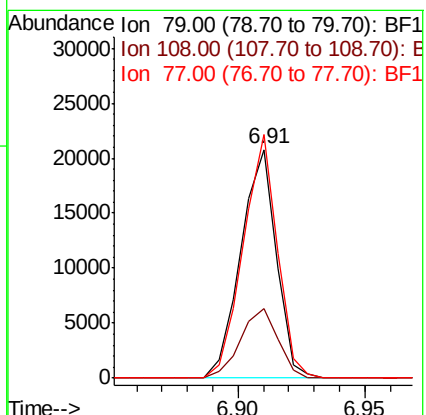
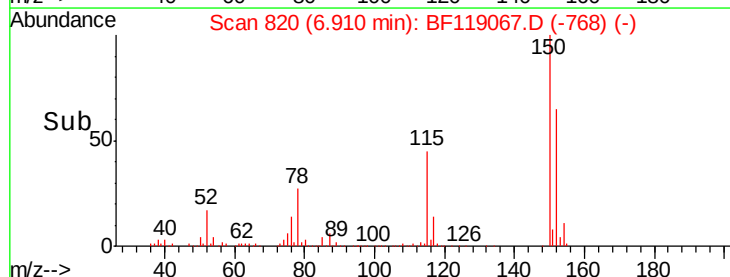
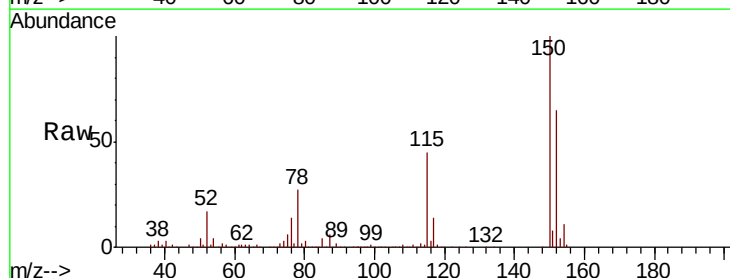
Tgt Ion: 79 Resp: 20251

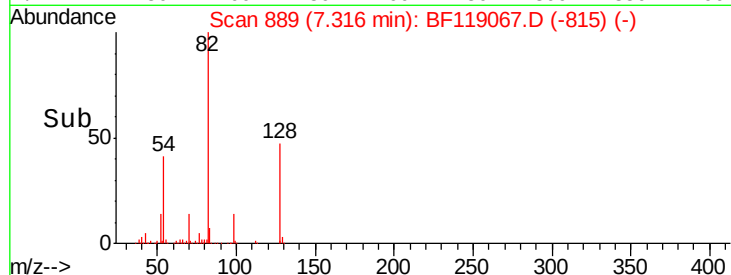
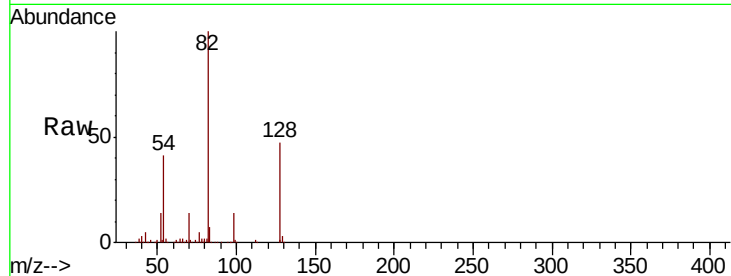
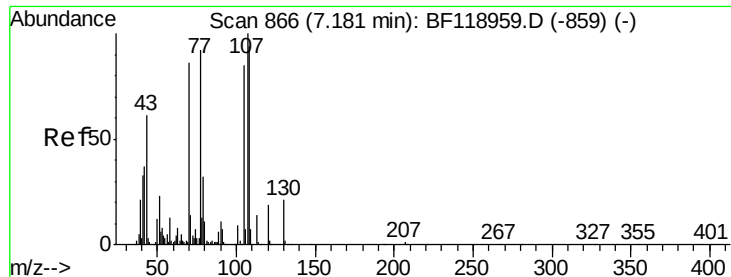
Ion Ratio Lower Upper

79 100

108 30.4 61.1 91.7#

77 106.5 50.2 75.2#

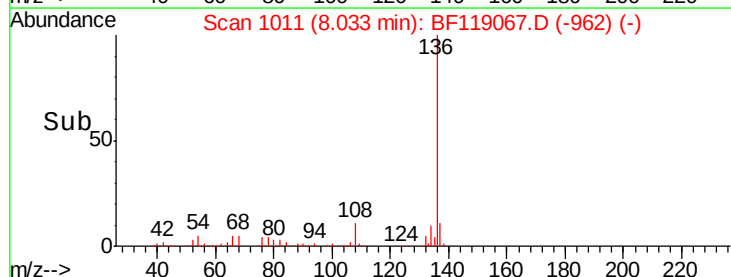
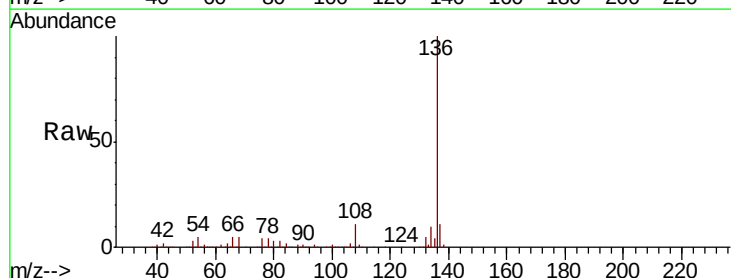
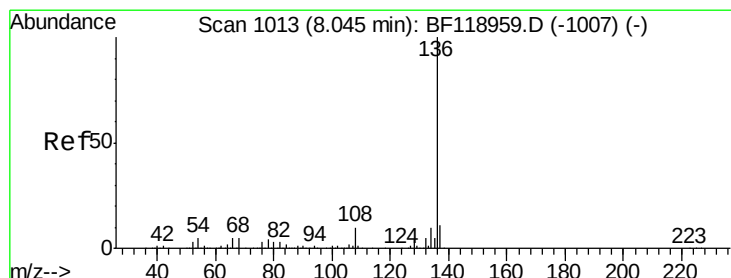
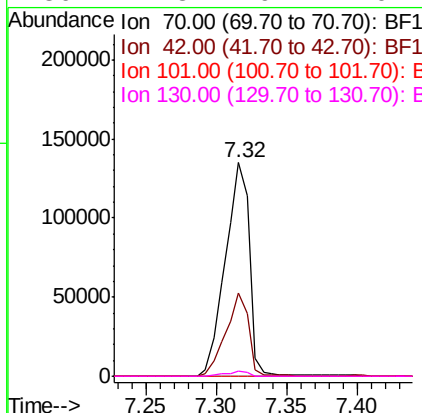




#19
n-Nitroso-di-n-propylamine
Concen: 20.035 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

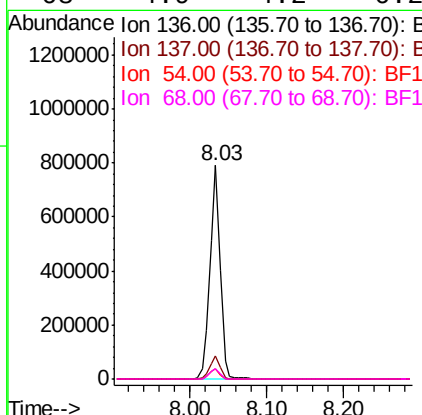
Instrument :
BNA_F
ClientSampleId :

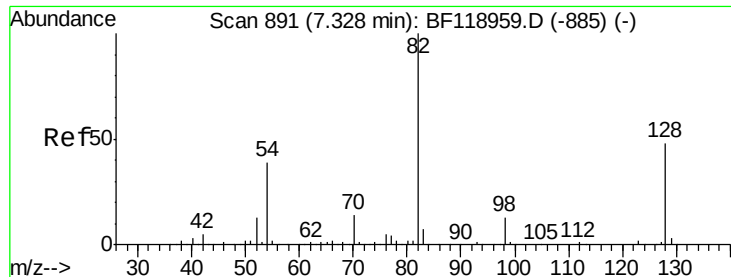
Tot Ion: 70 Resp: 160923
Ion Ratio Lower Upper
70 100
42 38.8 34.6 51.8
101 0.0 8.1 12.1#
130 2.3 19.4 29.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Tgt Ion: 136 Resp: 719834
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 4.9 3.8 5.6
68 4.9 4.2 6.2

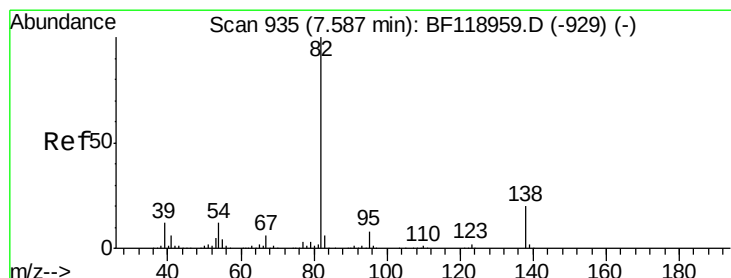
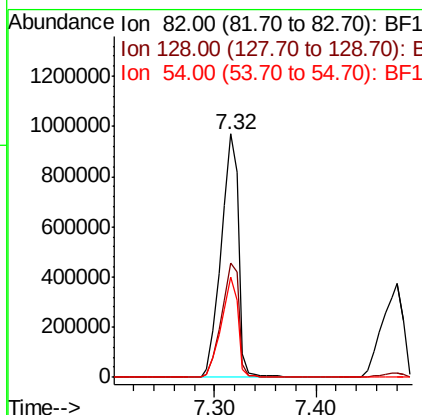
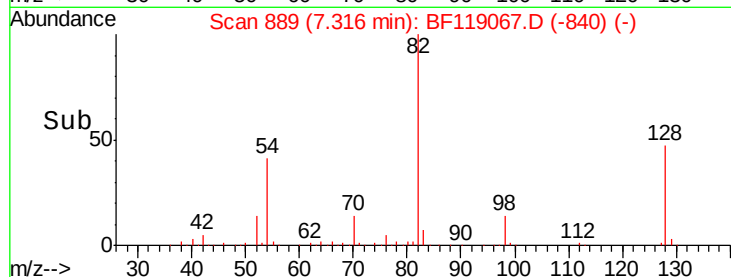
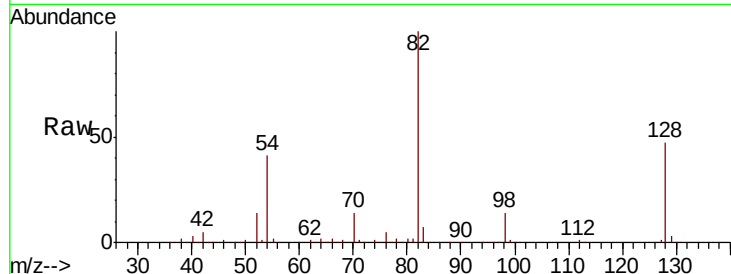




#23
Nitrobenzene-d5
Concen: 84.652 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

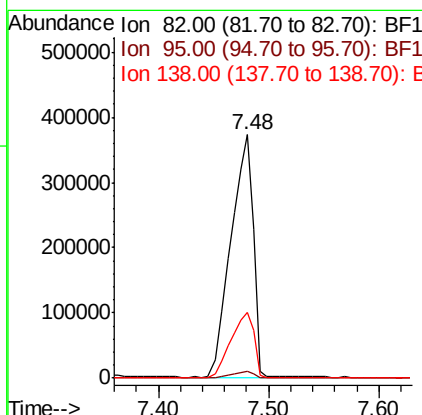
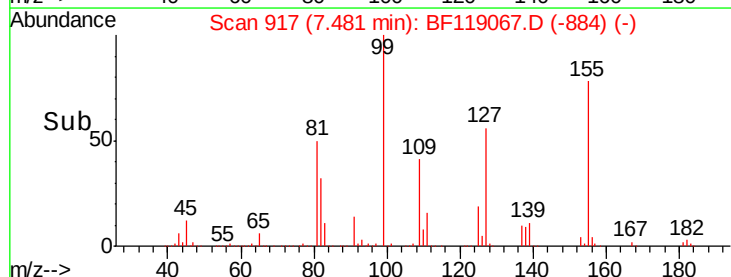
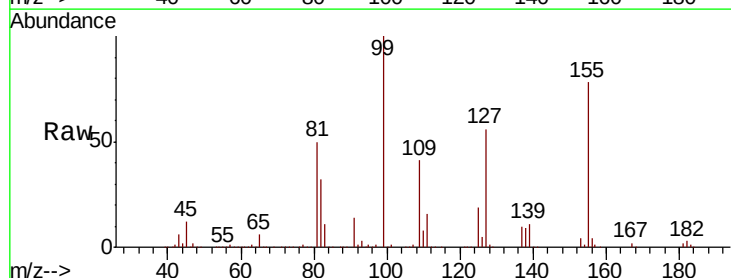
Instrument :
BNA_F
ClientSampleId :

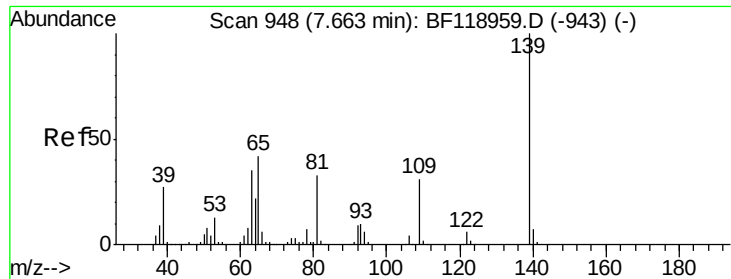
Tot Ion: 82 Resp: 1154073
Ion Ratio Lower Upper
82 100
128 46.8 38.2 57.2
54 40.9 31.3 46.9



#25
Isophorone
Concen: 22.384 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.11 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Tgt Ion: 82 Resp: 529984
Ion Ratio Lower Upper
82 100
95 2.7 6.1 9.1#
138 27.2 15.8 23.6#

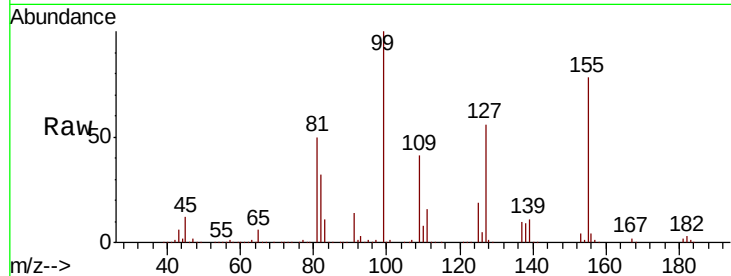




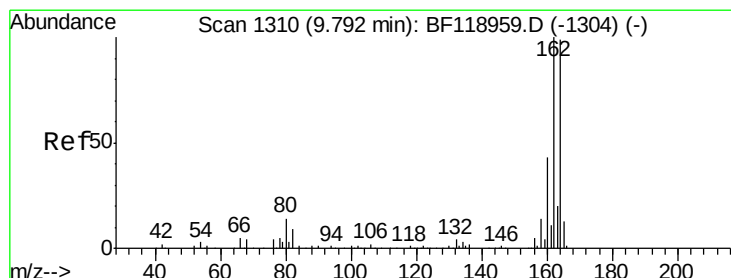
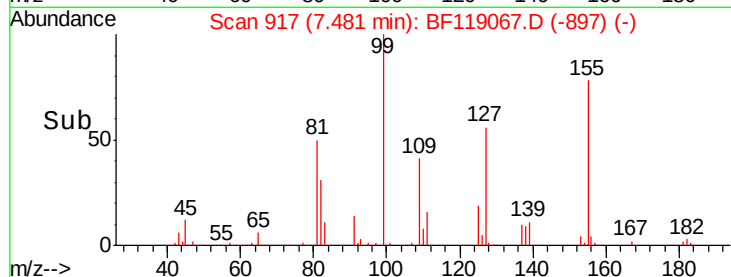
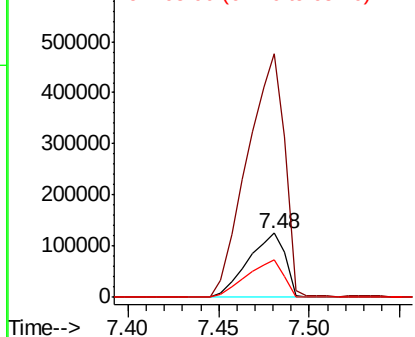
#26
2-Nitrophenol
Concen: 25.025 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.18 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 178760
Ion Ratio Lower Upper
139 100
109 378.9 24.6 36.8#
65 59.2 33.6 50.4#

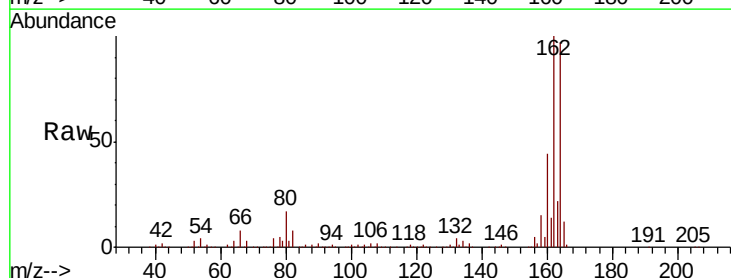


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

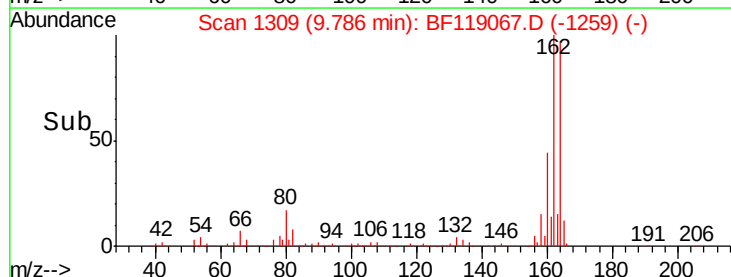
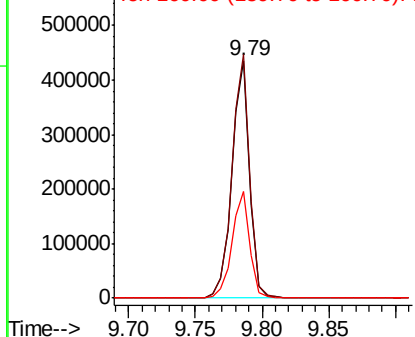


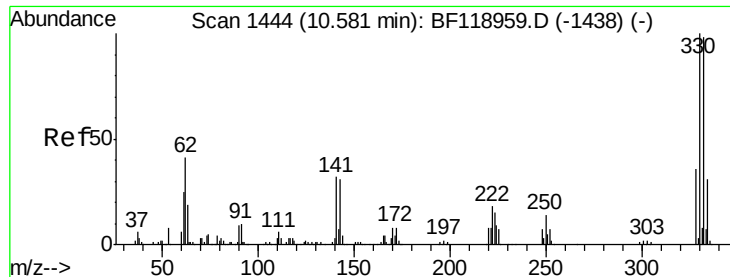
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Tgt Ion:164 Resp: 405742
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 44.9 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

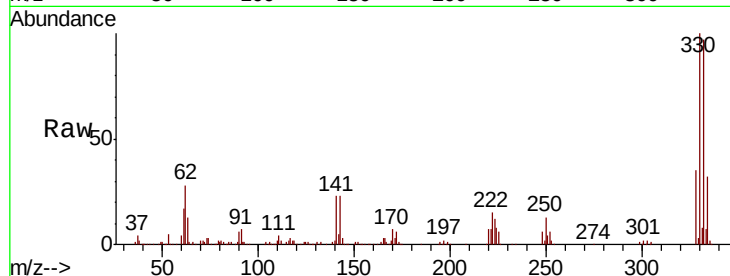




#42
 2,4,6-Tribromophenol
 Concen: 127.074 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119067.D
 Acq: 25 Feb 2020 16:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	28.9	23.0	34.6

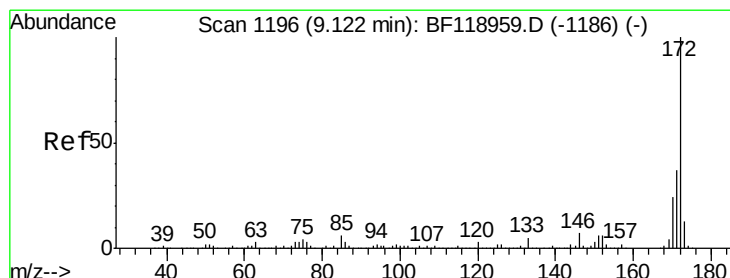
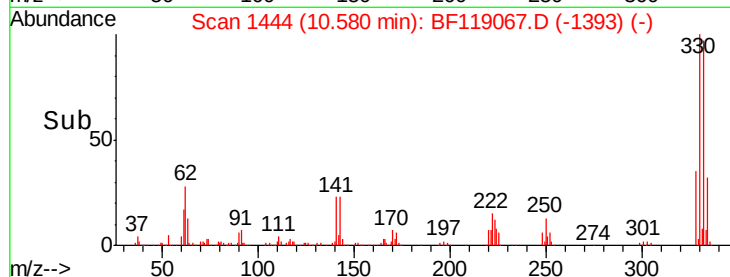
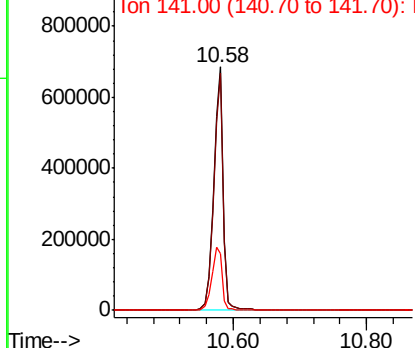


Abundance

Ion 329.80 (329.50 to 330.50): E

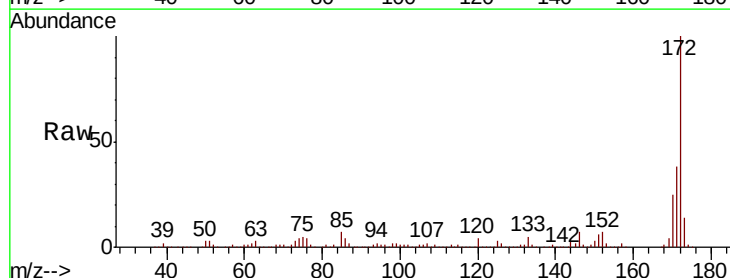
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.876 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119067.D
 Acq: 25 Feb 2020 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.2
170	25.1	19.6	29.4

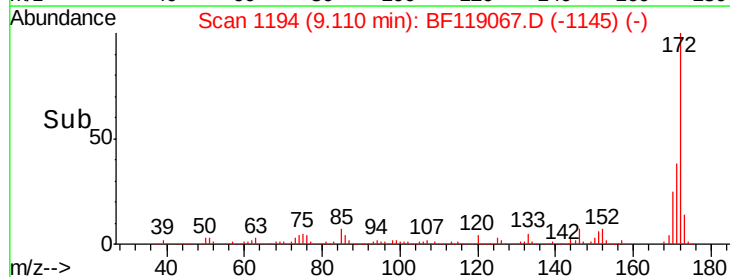
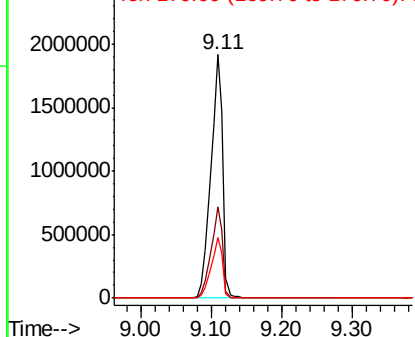


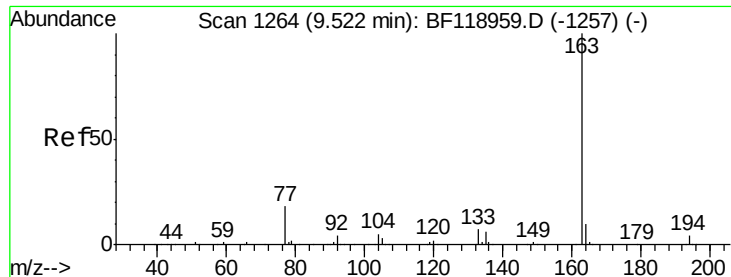
Abundance

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

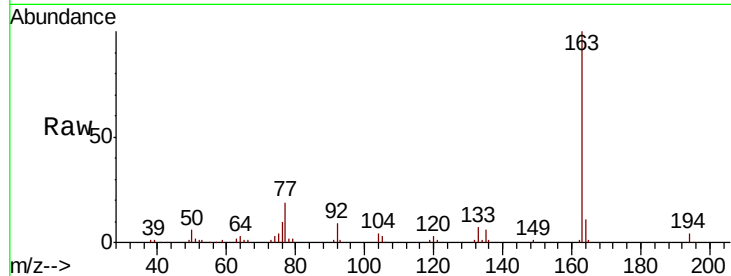




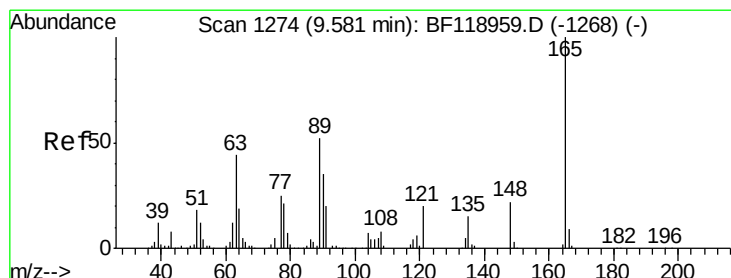
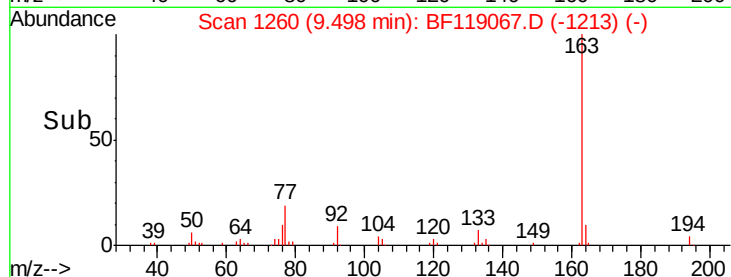
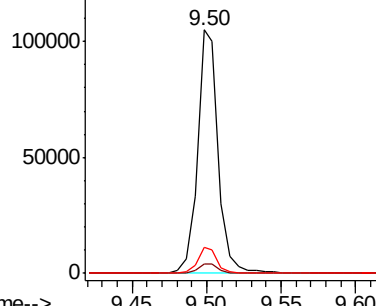
#50
Dimethylphthalate
Concen: 3.310 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.6	8.2	12.2

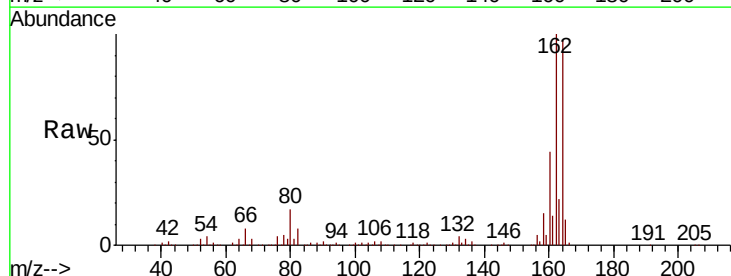


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

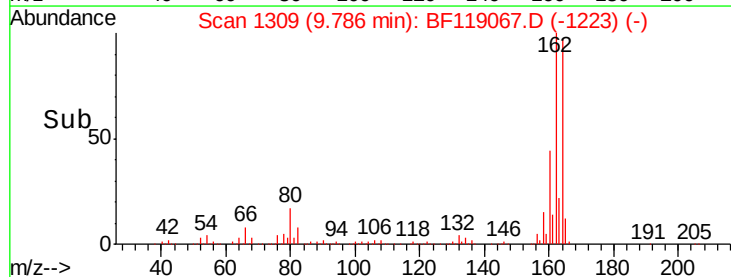
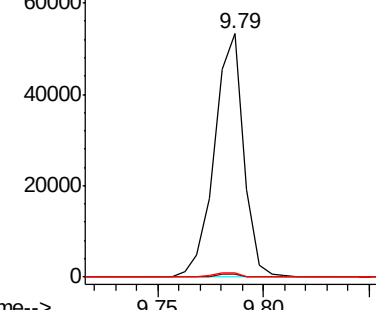


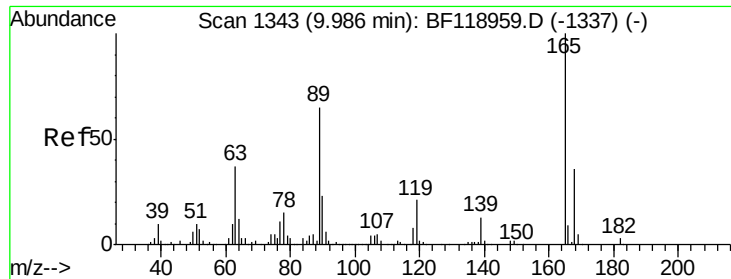
#51
2,6-Dinitrotoluene
Concen: 7.407 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.9	56.9#
89	1.7	41.4	62.0#



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

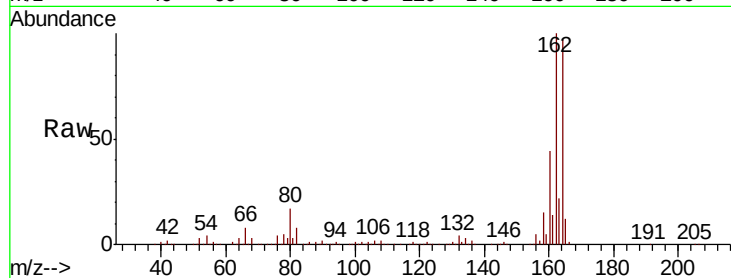




#57
 2,4-Dinitrotoluene
 Concen: 5.714 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119067.D
 Acq: 25 Feb 2020 16:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.7	51.9	77.9#
182	0.0	2.3	3.5#

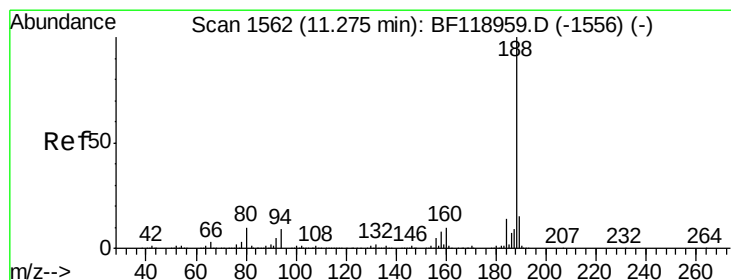
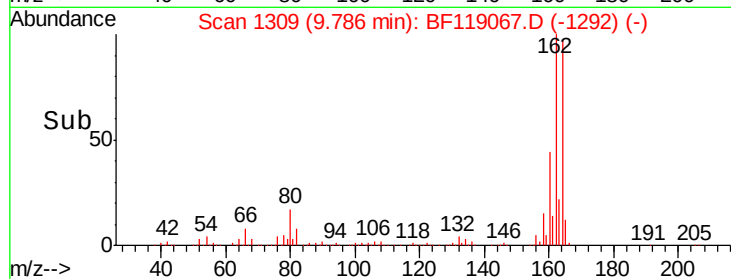
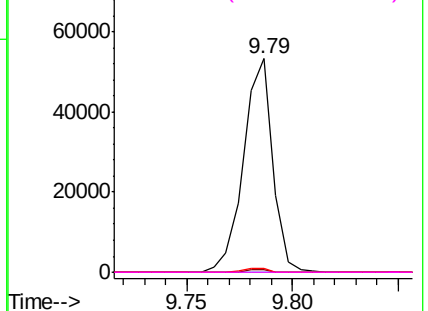


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

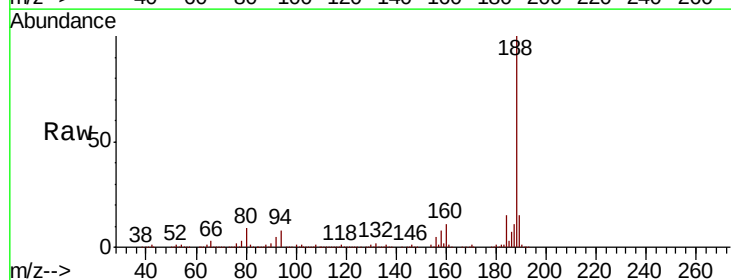
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119067.D
 Acq: 25 Feb 2020 16:20

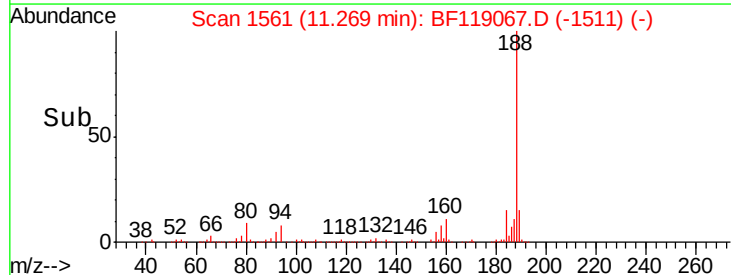
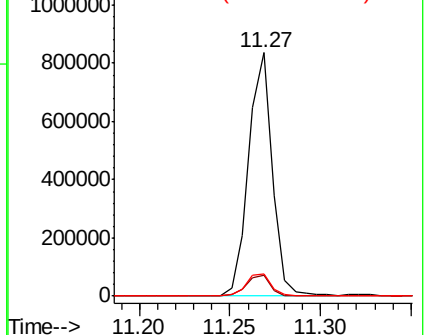
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.9	7.9	11.9

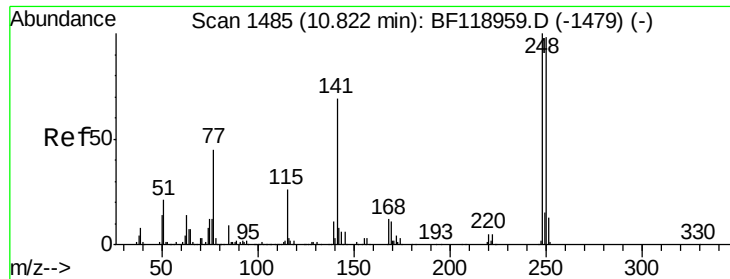


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

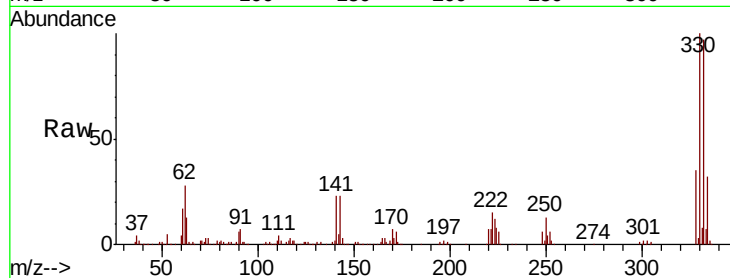




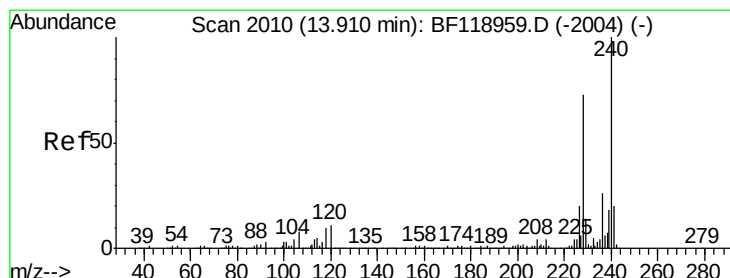
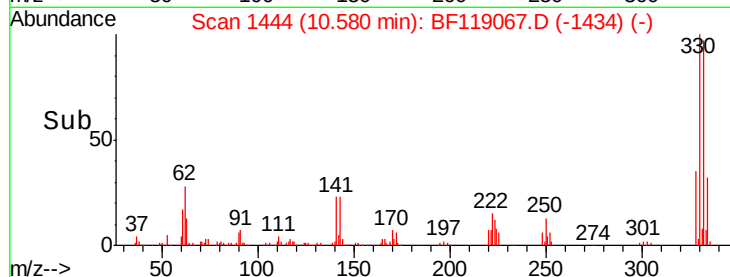
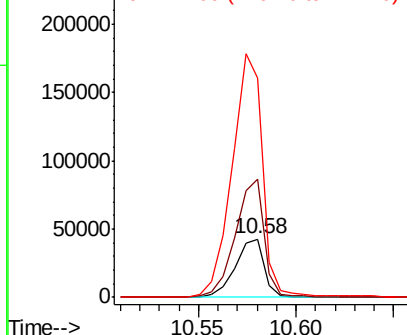
#67
4-Bromophenyl-phenylether
Concen: 4.434 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 44141
Ion Ratio Lower Upper
248 100
250 203.9 78.8 118.2#
141 378.1 55.3 82.9#

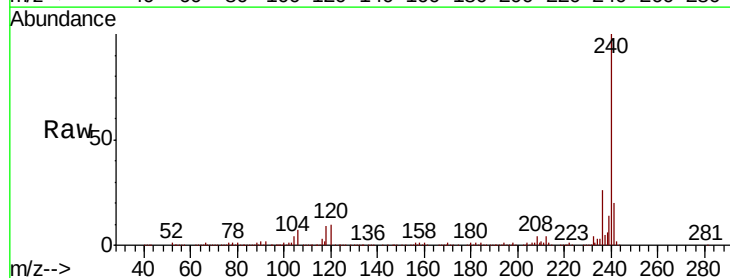


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

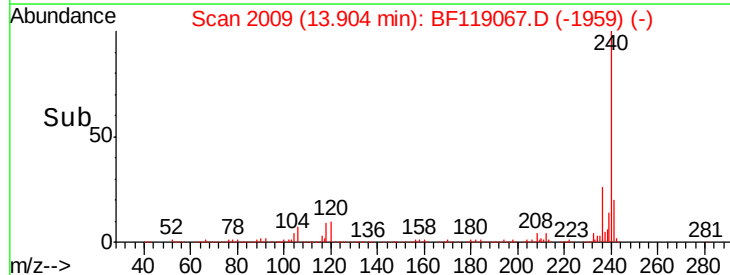
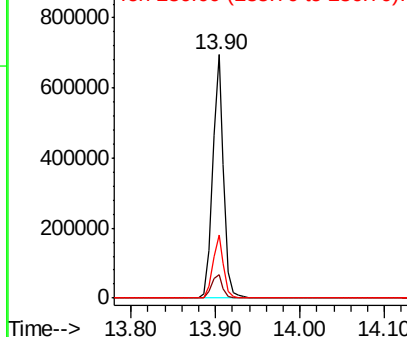


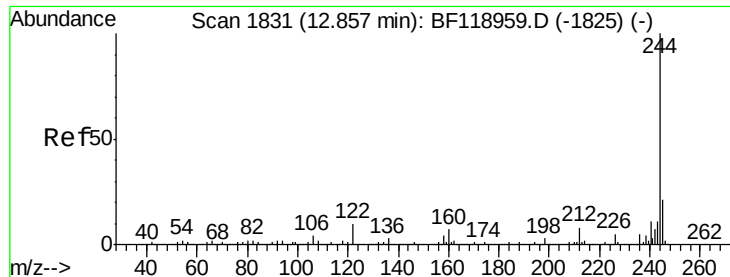
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119067.D
Acq: 25 Feb 2020 16:20

Tgt Ion:240 Resp: 639472
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.8 20.6 30.8



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: 75.720 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119067.D

Acq: 25 Feb 2020 16:20

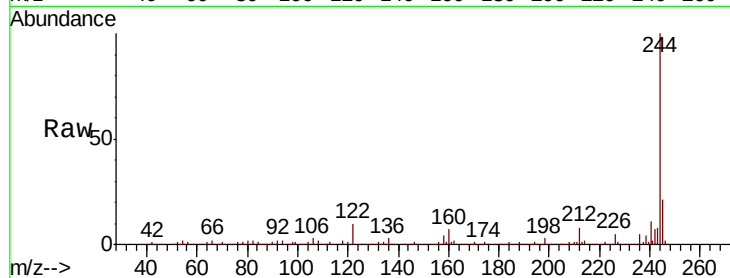
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2812430

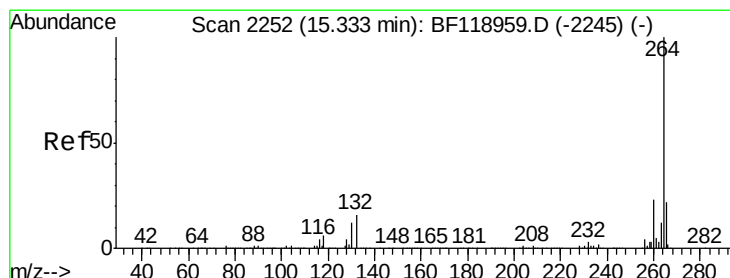
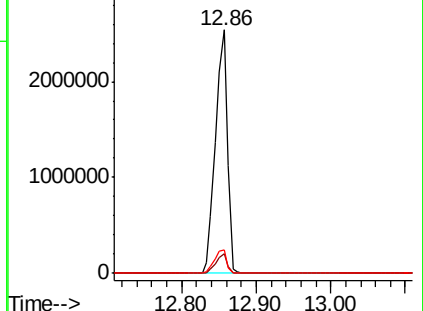
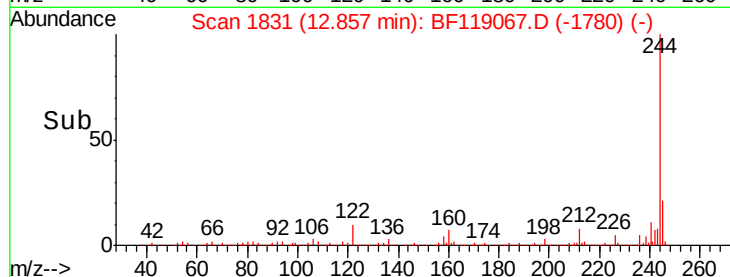
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	9.8	8.4	12.6



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: 15.33 min Scan# 2251

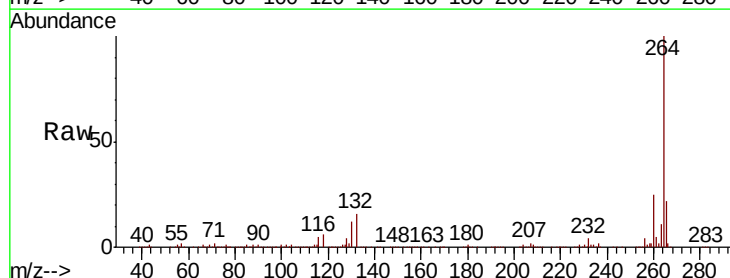
Delta R.T. -0.01 min

Lab File: BF119067.D

Acq: 25 Feb 2020 16:20

Tgt Ion:264 Resp: 559908

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.0	17.3	25.9



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

