

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118779.D
 Acq On : 31 Jan 2020 14:01
 Operator : CG/JU
 Sample : PB126458BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 22:03:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

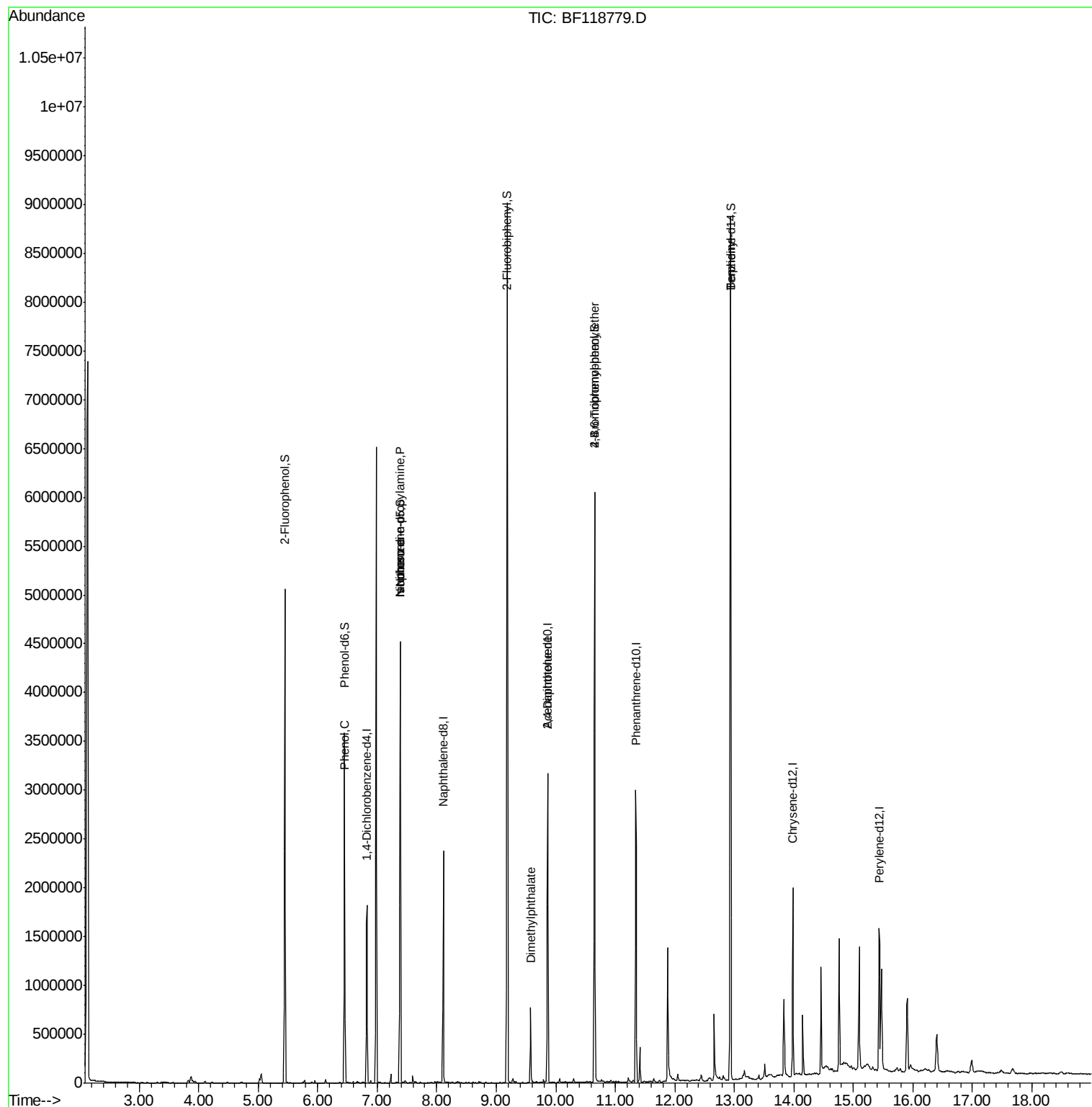
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	289692	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1107708	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	626368	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1111053	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	637438	20.00	ng	-0.04
87) Perylene-d12	15.43	264	689864	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1532385	98.24	ng	-0.03
7) Phenol-d6	6.45	99	1297539	64.00	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1718881	86.80	ng	-0.04
42) 2,4,6-Tribromophenol	10.66	330	969299	133.79	ng	-0.03
45) 2-Fluorobiphenyl	9.19	172	3260198	85.55	ng	-0.04
79) Terphenyl-d14	12.94	244	3637453	124.46	ng	-0.02
Target Compounds						
10) Phenol	6.46	94	92714	4.013	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	236768	17.296	ng	# 78
25) Isophorone	7.39	82	1698551	47.024	ng	# 63
50) Dimethylphthalate	9.57	163	287497	7.045	ng	99
57) 2,4-Dinitrotoluene	9.86	165	80930	7.025	ng	# 30
67) 4-Bromophenyl-phenylether	10.66	248	63028	4.592	ng	# 1
77) Benzidine	12.94	184	48635	2.856	ng	# 93

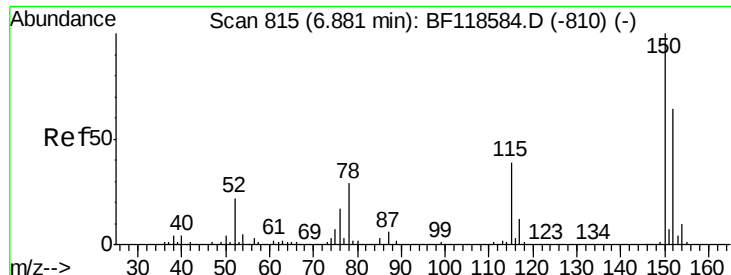
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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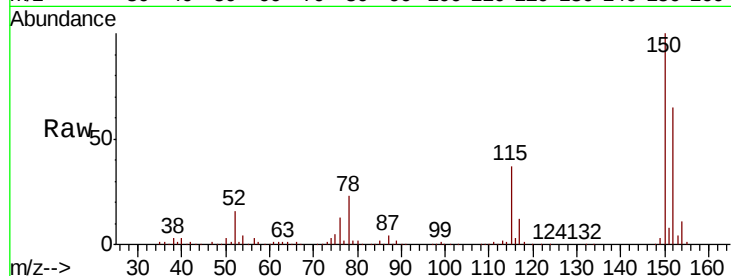




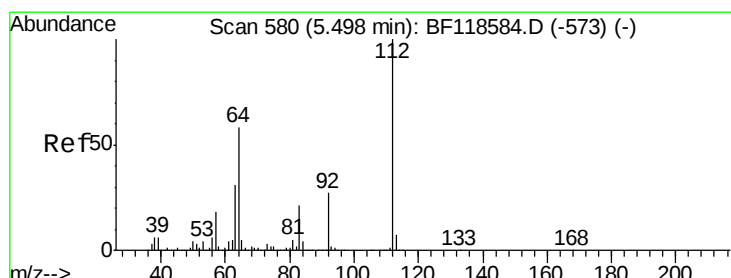
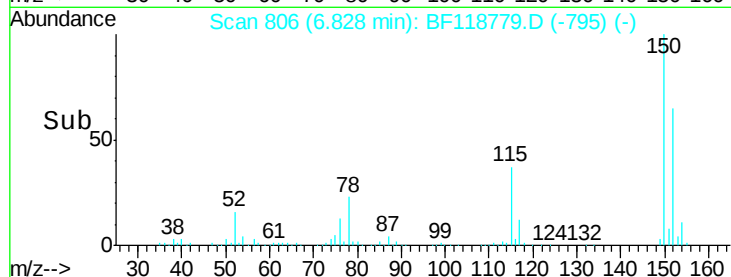
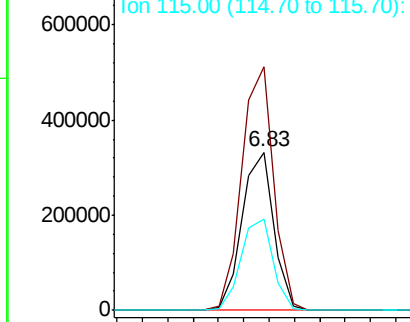
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BF118779.D
 Acq: 31 Jan 2020 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 289692
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.7 185.5
 115 57.6 45.1 67.7

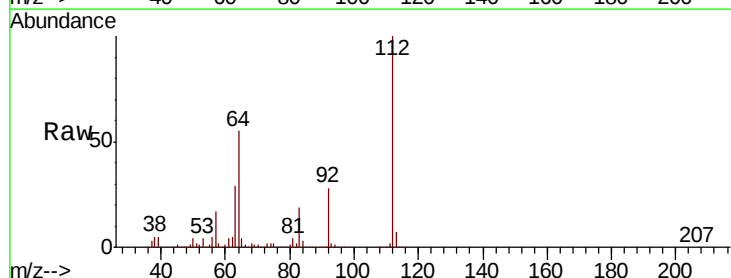


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

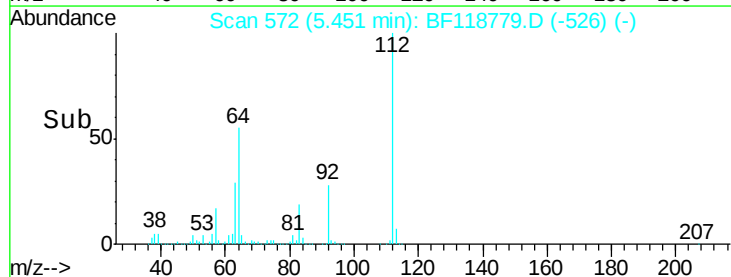
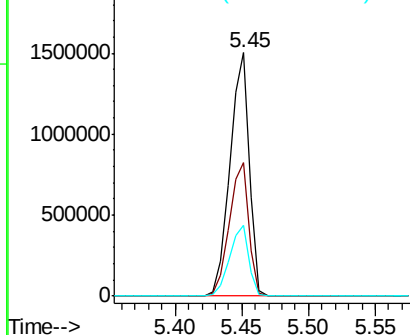


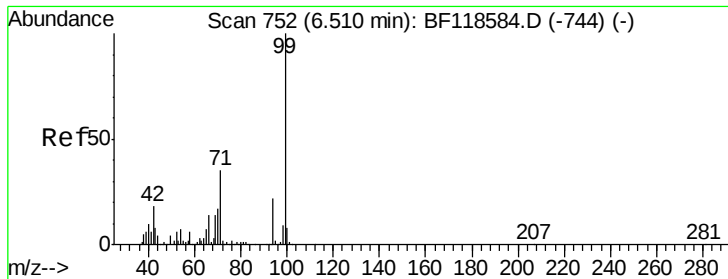
#5
 2-Fluorophenol
 Concen: 98.243 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.03 min
 Lab File: BF118779.D
 Acq: 31 Jan 2020 14:01

Tgt Ion:112 Resp: 1532385
 Ion Ratio Lower Upper
 112 100
 64 55.0 42.4 63.6
 63 29.0 21.7 32.5



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: 64.003 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF118779.D

Acq: 31 Jan 2020 14:01

Instrument :

BNA_F

ClientSampleId :

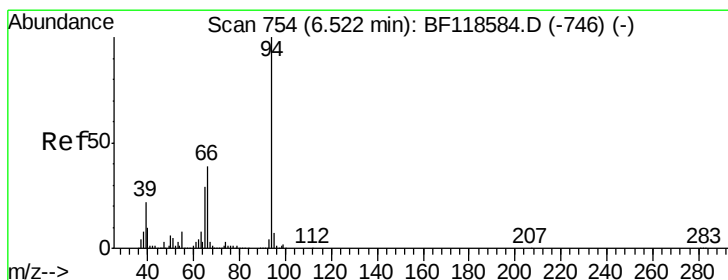
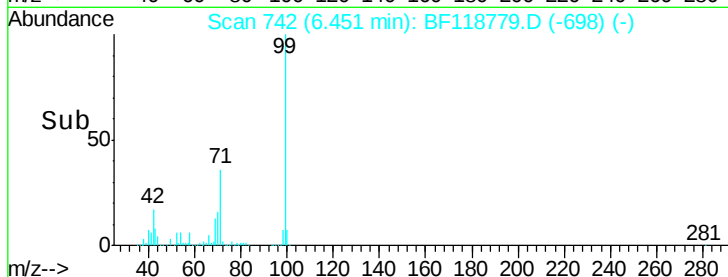
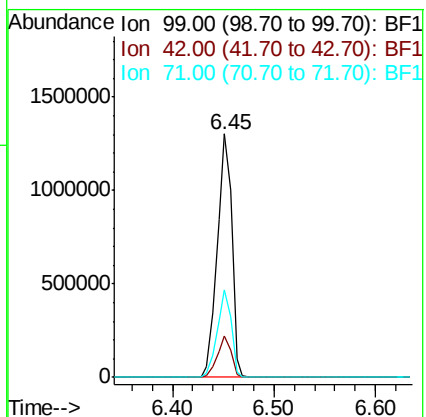
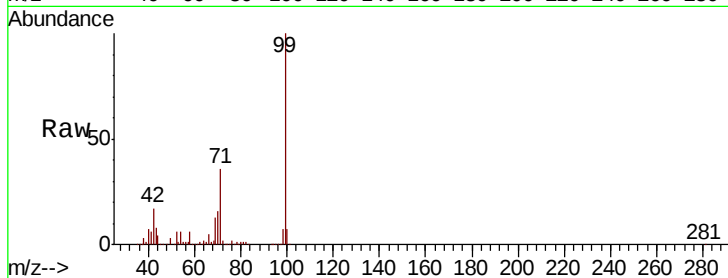
Tot Ion: 99 Resp: 1297539

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.1	19.7
71	36.0	28.4	42.6

99 100

42 16.9 13.1 19.7

71 36.0 28.4 42.6



#10

Phenol

Concen: 4.013 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BF118779.D

Acq: 31 Jan 2020 14:01

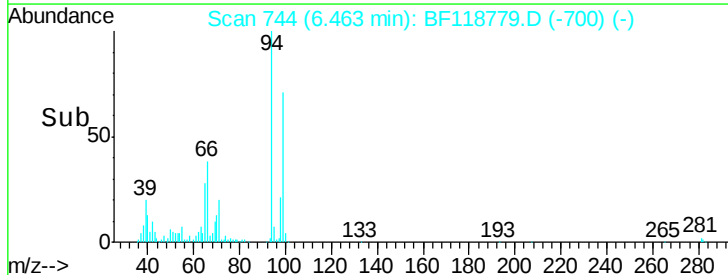
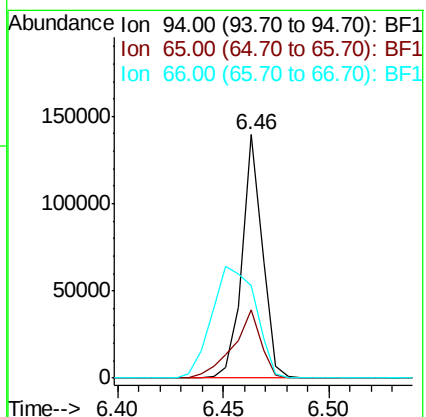
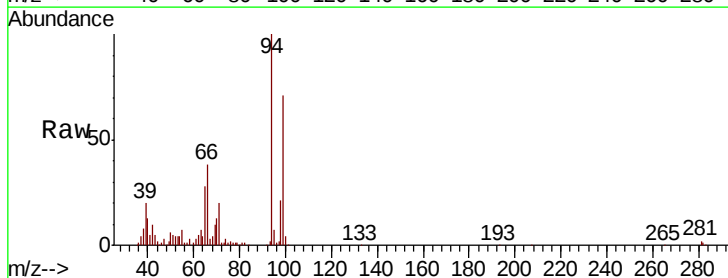
Tgt Ion: 94 Resp: 92714

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	38.1	19.1	59.1

94 100

65 27.9 7.9 47.9

66 38.1 19.1 59.1





#19

n-Nitroso-di-n-propylamine

Concen: 17.296 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.11 min

Lab File: BF118779.D

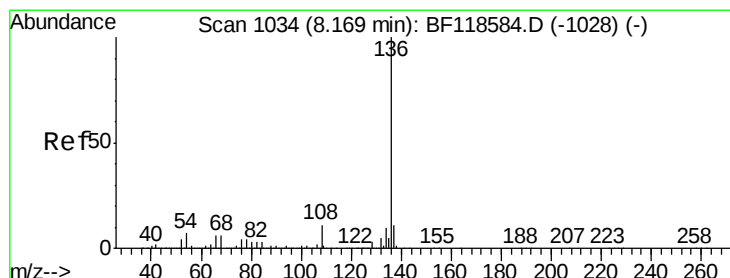
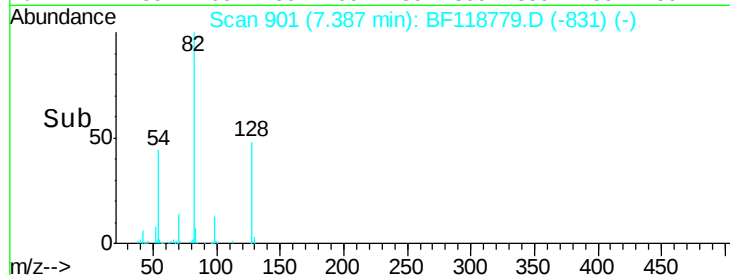
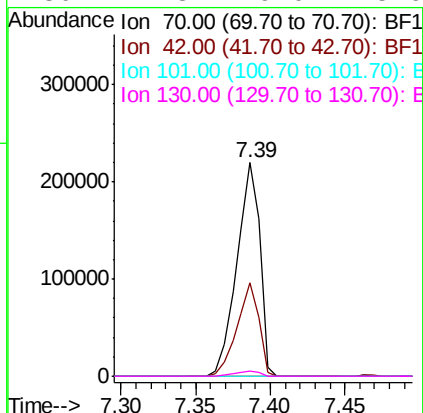
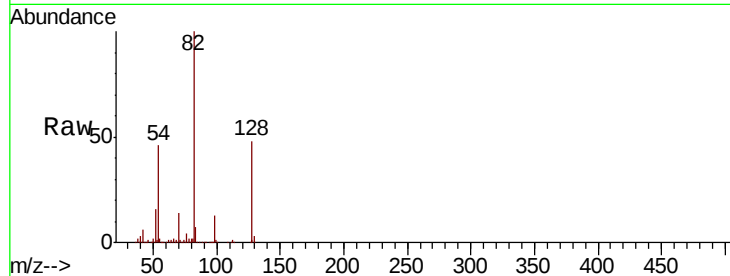
Acq: 31 Jan 2020 14:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	236768
Ion	Ratio	Lower	Upper
70	100		
42	44.1	41.6	62.4
101	0.0	7.9	11.9#
130	2.3	19.0	28.6#



#21

Naphthalene-d8

Concen: 20.000 ng

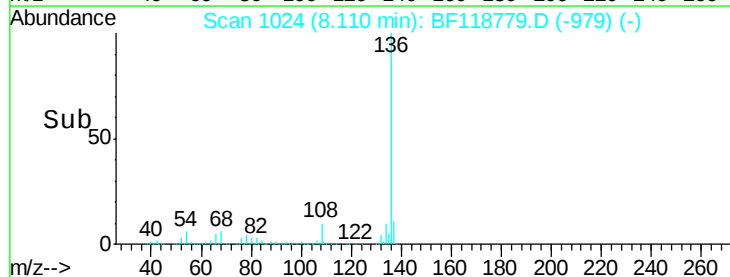
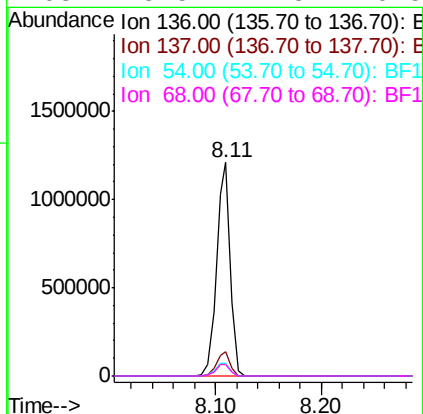
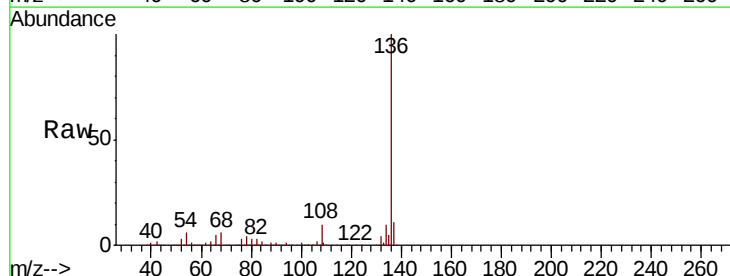
RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF118779.D

Acq: 31 Jan 2020 14:01

Tgt Ion:	136	Resp:	1107708
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	5.1	7.7
68	5.5	4.3	6.5

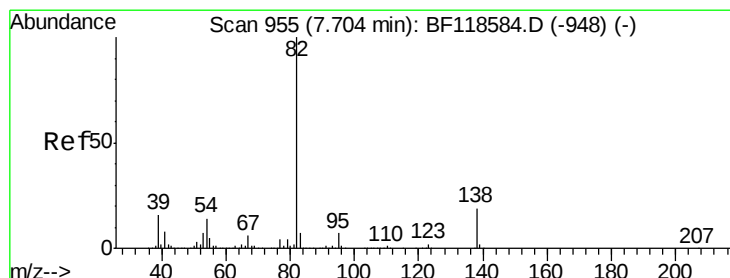
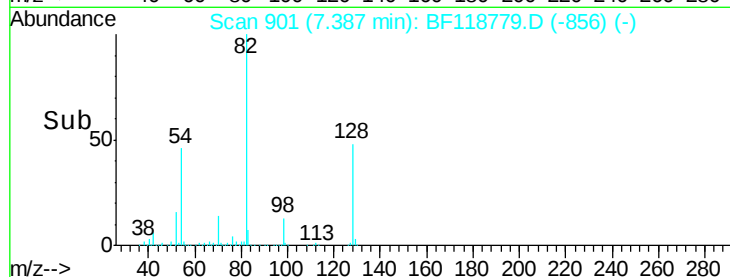
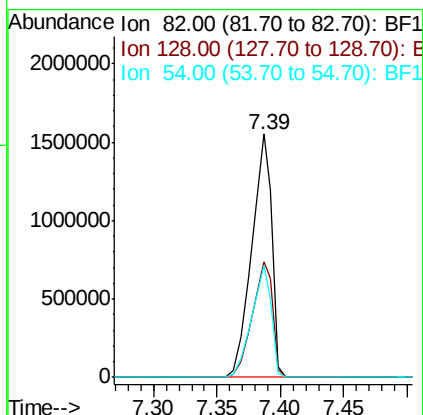
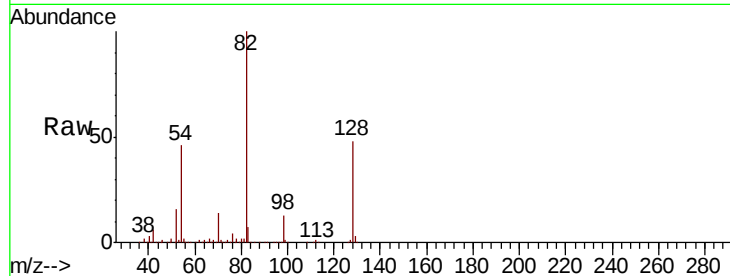




#23
Nitrobenzene-d5
Concen: 86.795 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118779.D
Acq: 31 Jan 2020 14:01

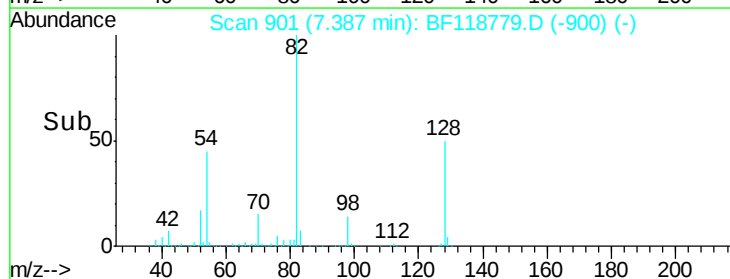
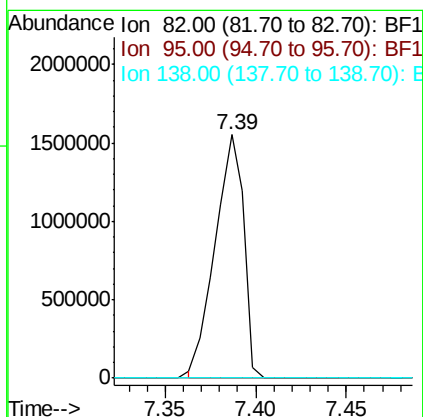
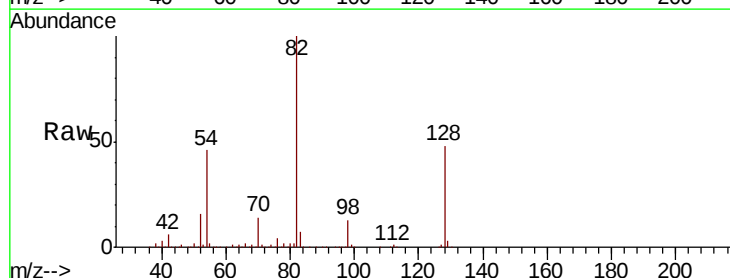
Instrument :
BNA_F
ClientSampleId :

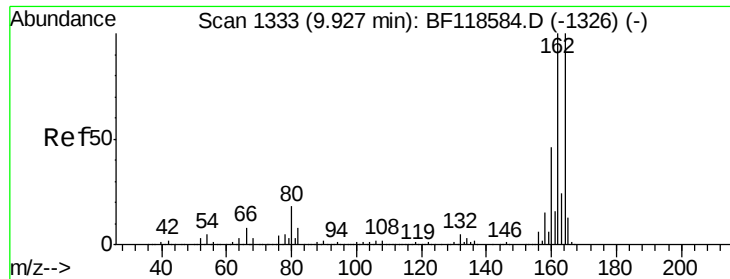
Tot Ion: 82 Resp: 1718881
Ion Ratio Lower Upper
82 100
128 47.7 38.2 57.2
54 45.8 36.1 54.1



#25
Isophorone
Concen: 47.024 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.29 min
Lab File: BF118779.D
Acq: 31 Jan 2020 14:01

Tgt Ion: 82 Resp: 1698551
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#

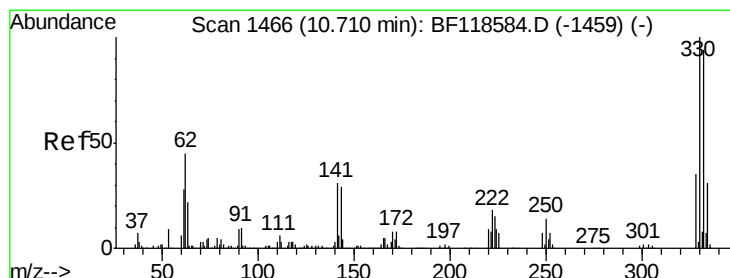
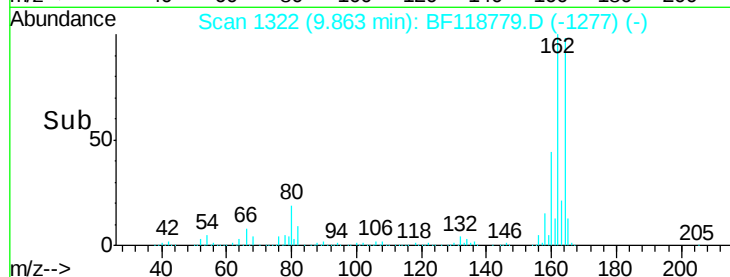
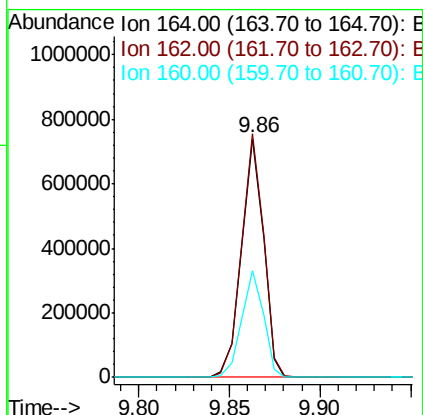
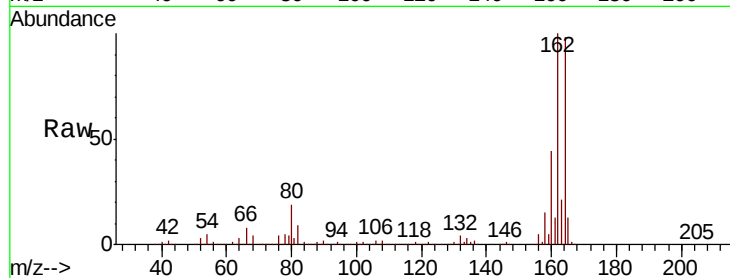




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: BF118779.D
 Acq: 31 Jan 2020 14:01

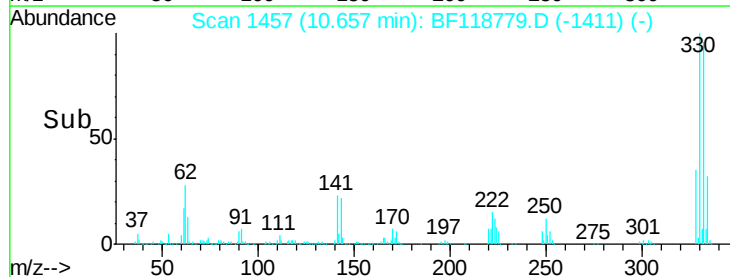
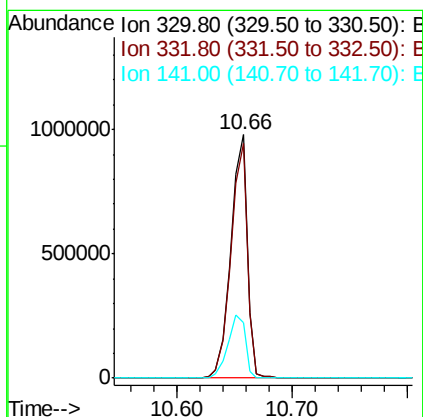
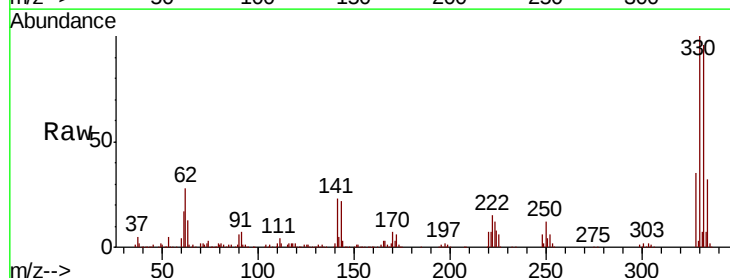
Instrument :
 BNA_F
 ClientSampleId :

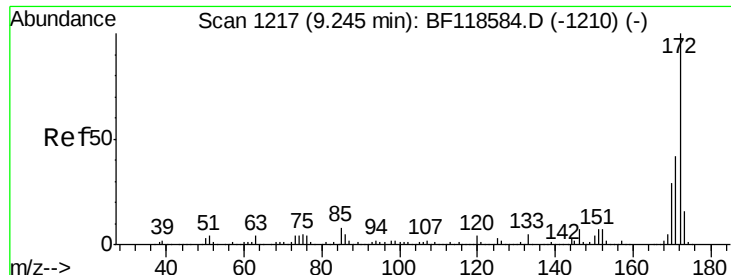
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	44.6	35.4	53.0



#42
 2,4,6-Tribromophenol
 Concen: 133.793 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.03 min
 Lab File: BF118779.D
 Acq: 31 Jan 2020 14:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	27.6	22.2	33.2

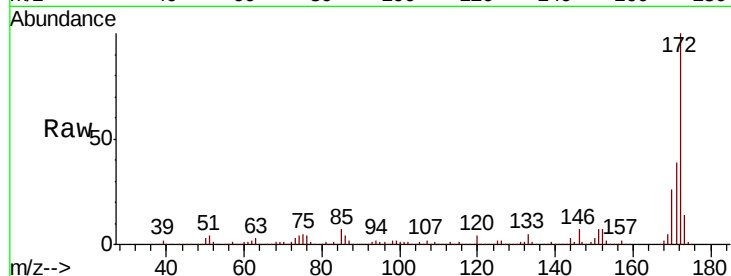




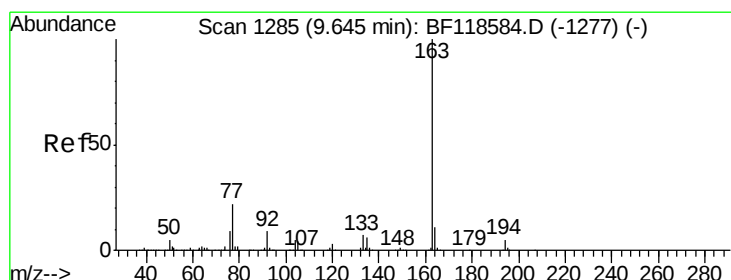
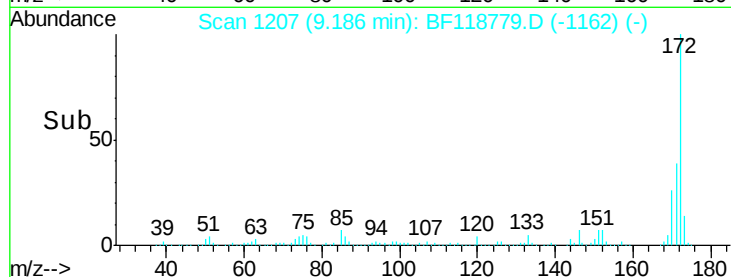
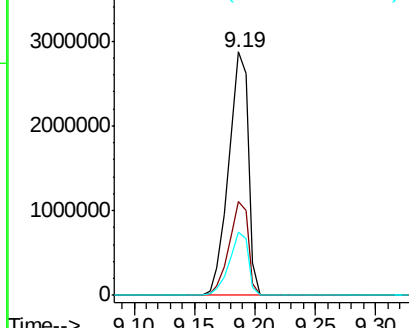
#45
2-Fluorobiphenyl
Concen: 85.549 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF118779.D
Acq: 31 Jan 2020 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3260198
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.4
170 25.9 20.7 31.1

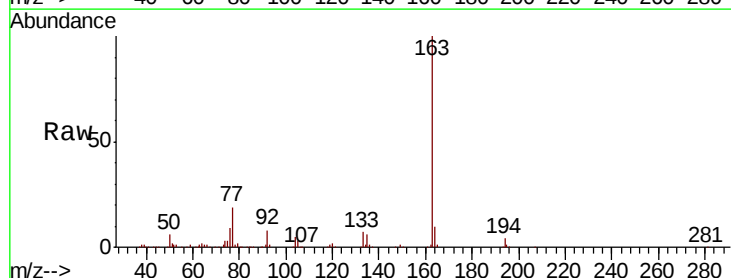


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

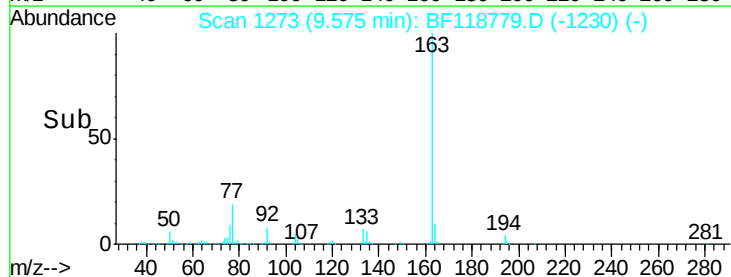
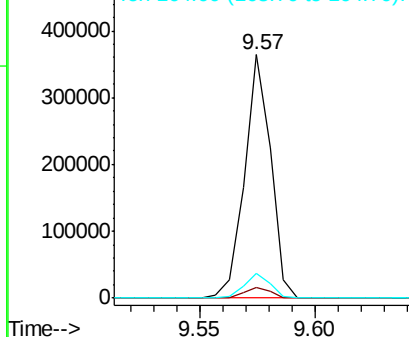


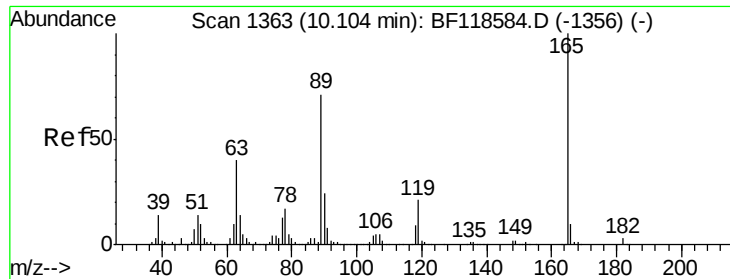
#50
Dimethylphthalate
Concen: 7.045 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF118779.D
Acq: 31 Jan 2020 14:01

Tgt Ion:163 Resp: 287497
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 9.9 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

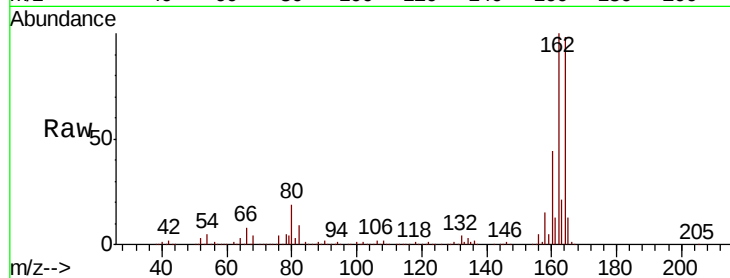




#57
 2,4-Dinitrotoluene
 Concen: 7.025 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.22 min
 Lab File: BF118779.D
 Acq: 31 Jan 2020 14:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	28.5	42.7#
89	1.2	50.4	75.6#
182	0.0	2.3	3.5#

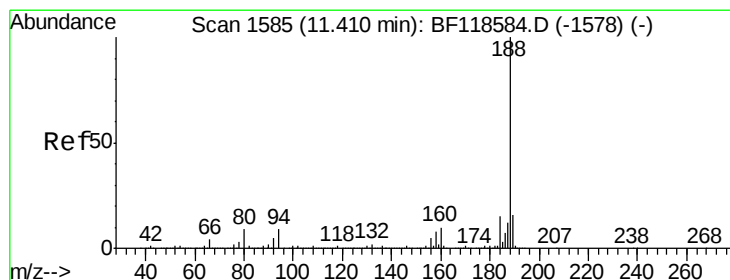
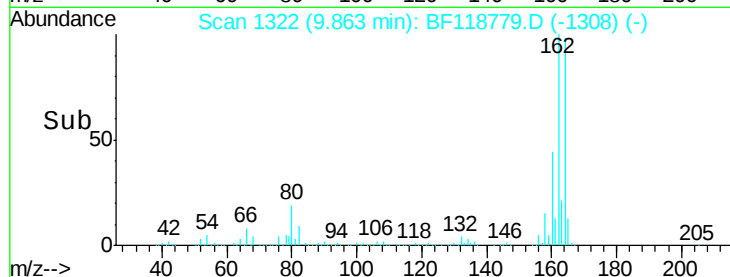
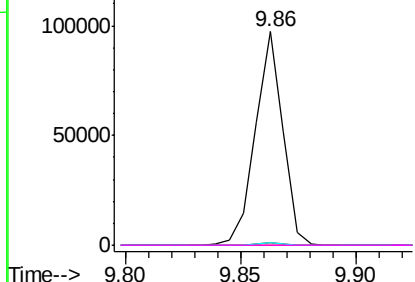


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

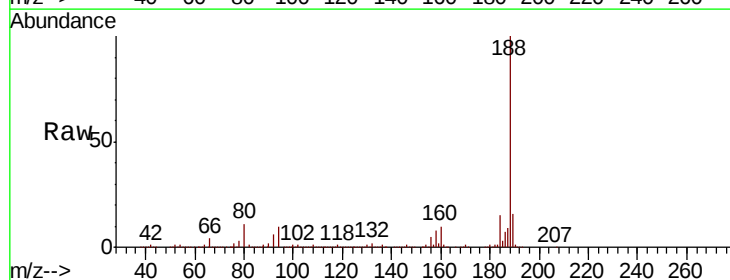
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BF118779.D
 Acq: 31 Jan 2020 14:01

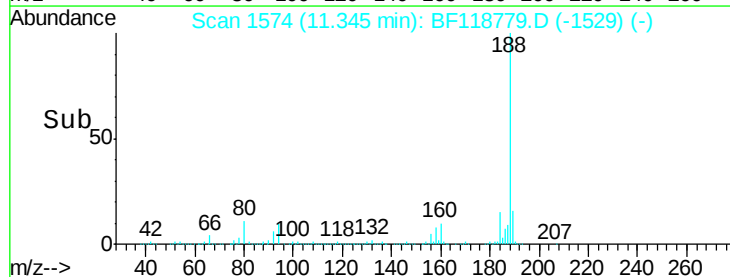
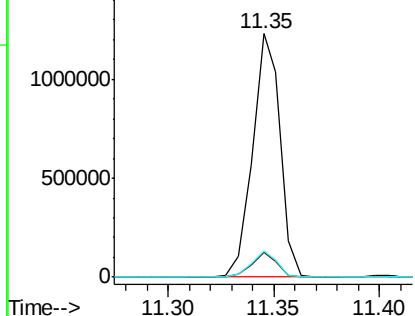
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.8	7.8	11.8



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

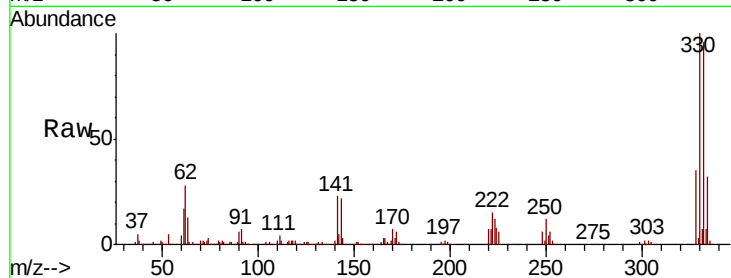




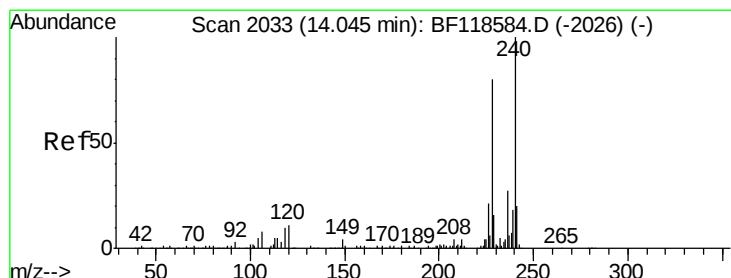
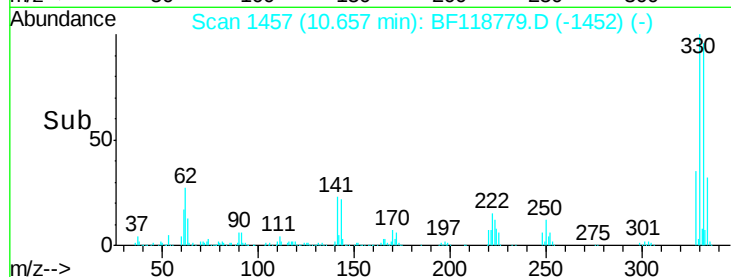
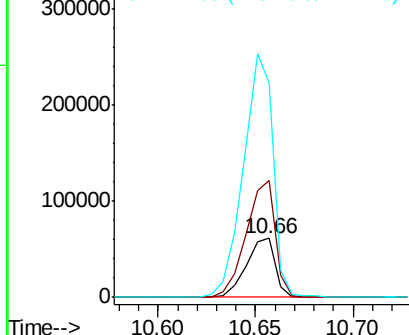
#67
4-Bromophenyl-phenylether
Concen: 4.592 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.27 min
Lab File: BF118779.D
Acq: 31 Jan 2020 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	198.2	78.7	118.1#
141	365.0	48.4	72.6#

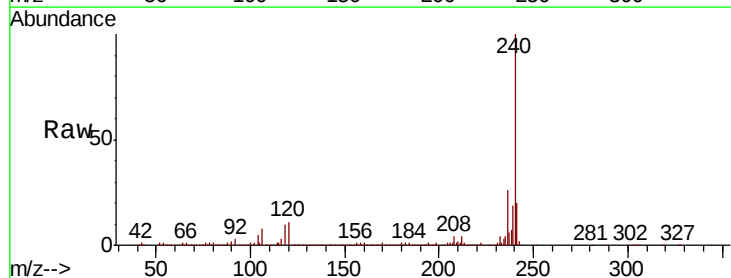


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

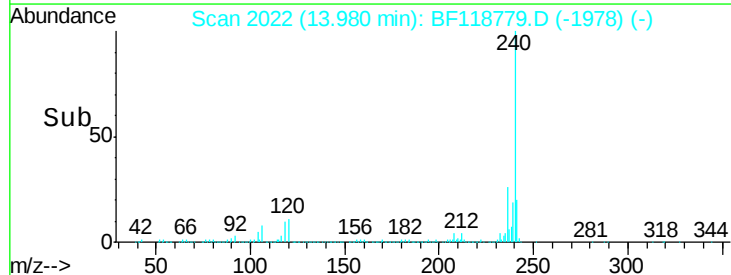
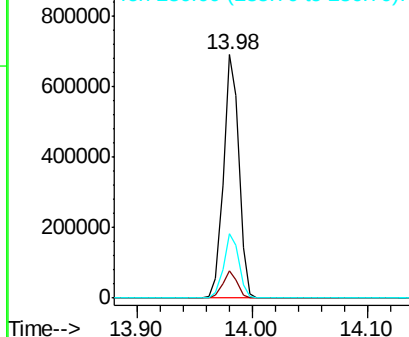


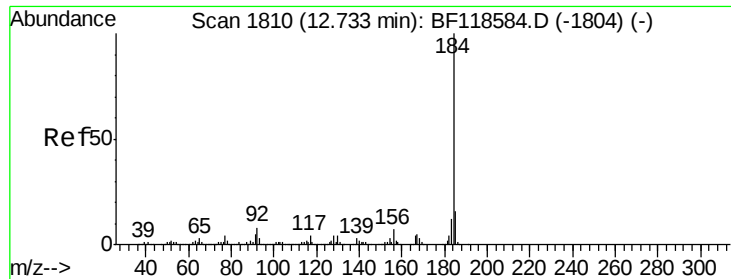
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF118779.D
Acq: 31 Jan 2020 14:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.6	11.4
236	26.2	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





#77

Benzidine

Concen: 2.856 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.23 min

Lab File: BF118779.D

Acq: 31 Jan 2020 14:01

Instrument :

BNA_F

ClientSampleId :

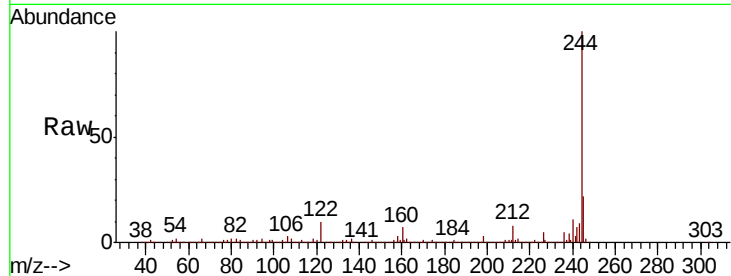
Tot Ion:184 Resp: 48635

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

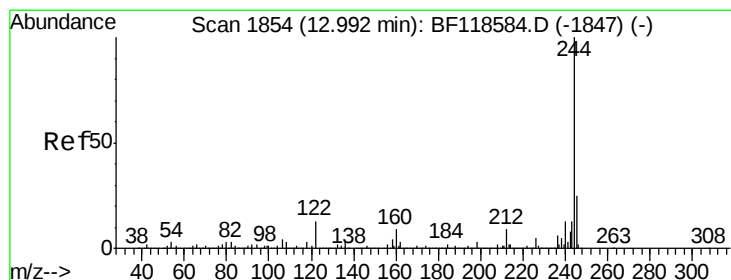
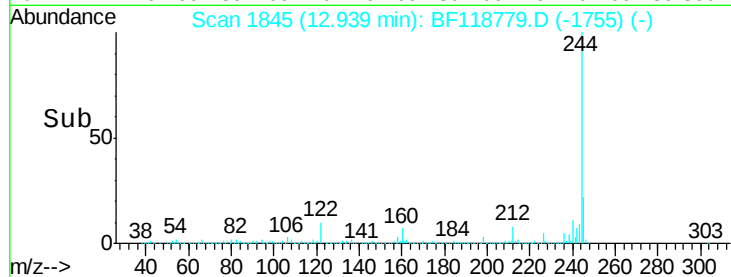
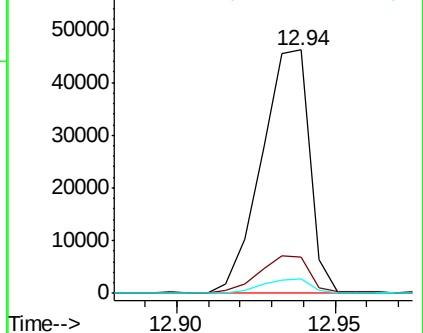
183 6.1 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 124.461 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF118779.D

Acq: 31 Jan 2020 14:01

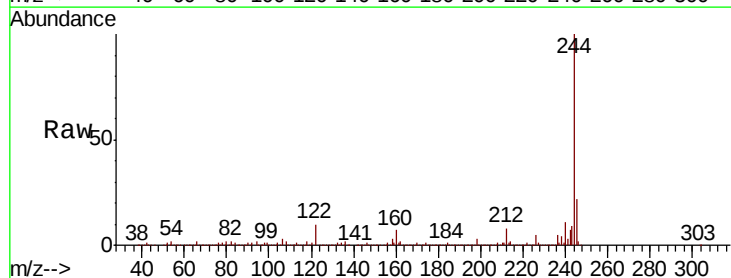
Tgt Ion:244 Resp: 3637453

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

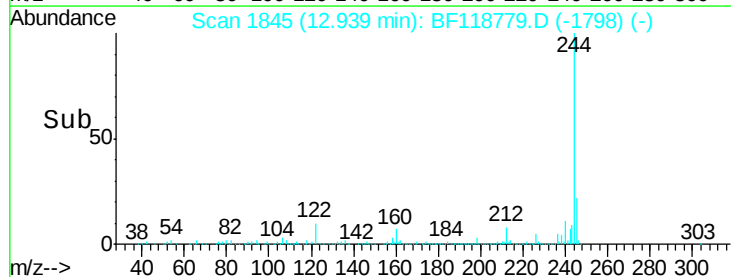
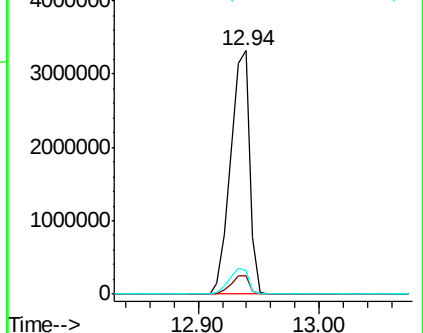
122 9.6 9.2 13.8

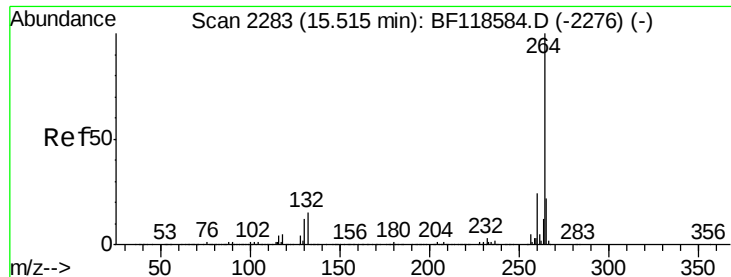


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

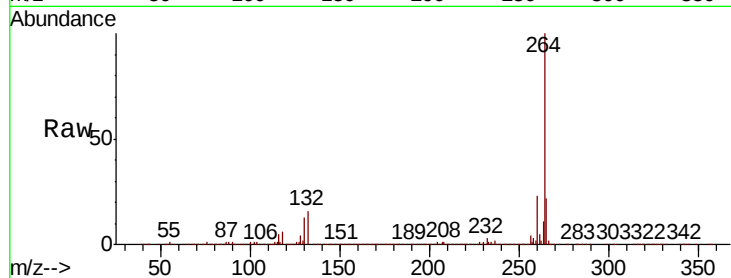




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.05 min
Lab File: BF118779.D
Acq: 31 Jan 2020 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	689864
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.1	17.0	25.6



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

