

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119262.D
 Acq On : 6 Mar 2020 21:10
 Operator : CG/JU
 Sample : L1762-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:50:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

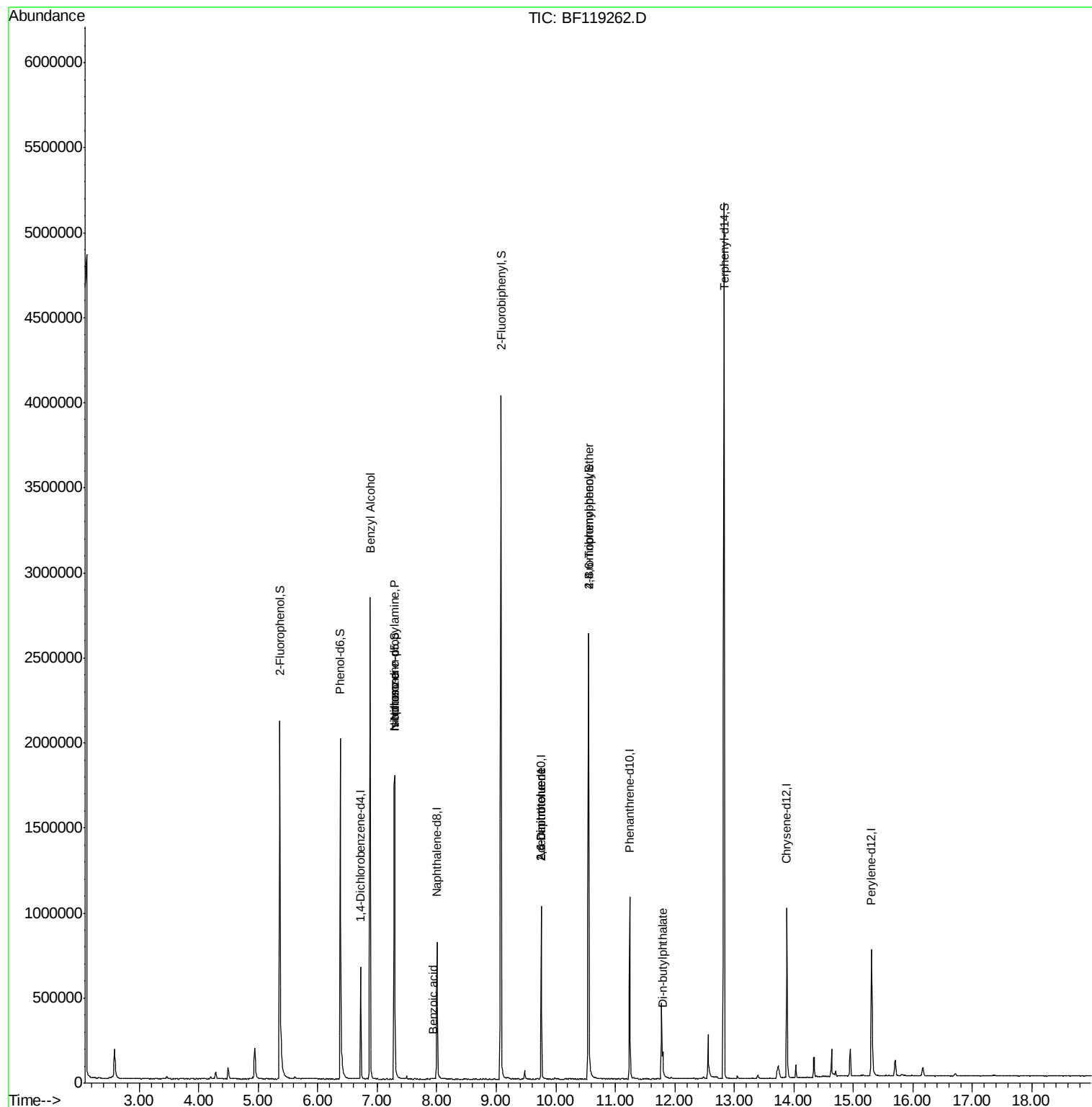
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	101872	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	388196	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	214493	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	411201	20.00	ng	0.00
76) Chrysene-d12	13.88	240	351534	20.00	ng	0.00
87) Perylene-d12	15.30	264	344200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	738937	121.22	ng	0.01
7) Phenol-d6	6.38	99	776328	104.72	ng	0.00
23) Nitrobenzene-d5	7.29	82	680174	92.51	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	402437	143.42	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1357393	93.23	ng	0.00
79) Terphenyl-d14	12.83	244	1873186	91.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	12008	2.241	ng	# 54
19) n-Nitroso-di-n-propylamine	7.29	70	93295	21.596	ng	# 76
25) Isophorone	7.29	82	680167	53.269	ng	# 63
32) Benzoic acid	7.93	122	737	6.846	ng	# 90
51) 2,6-Dinitrotoluene	9.76	165	27509	7.549	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	27509	5.824	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	26278	4.889	ng	# 1
74) Di-n-butylphthalate	11.80	149	52627	2.177	ng	# 98

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

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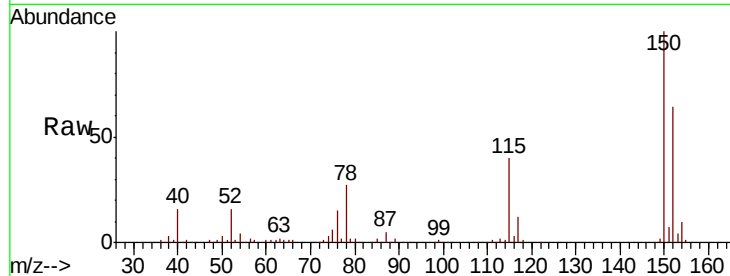


#1

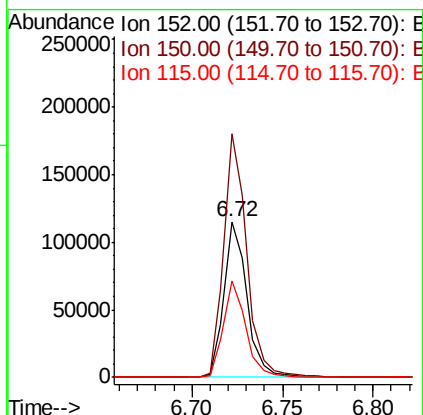
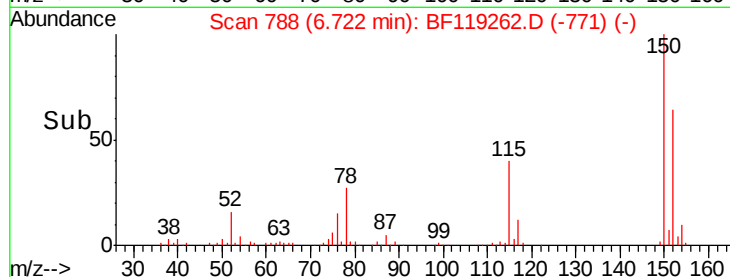
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119262.D
Acq: 6 Mar 2020 21:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101872
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.6
115 61.9 49.5 74.3



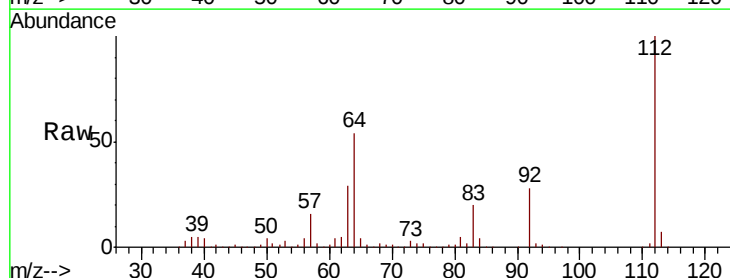
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



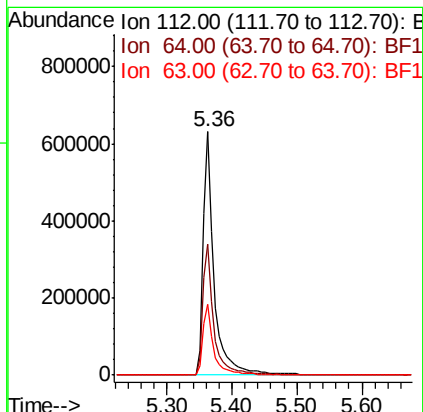
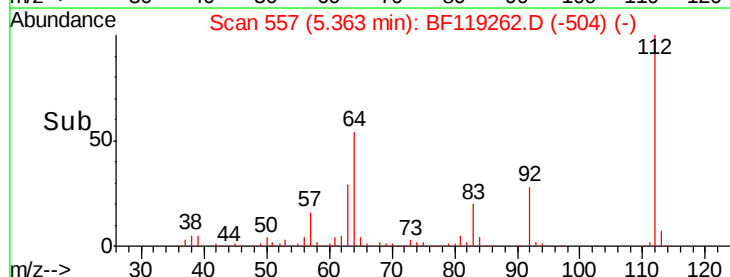
#5

2-Fluorophenol
Concen: 121.220 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119262.D
Acq: 6 Mar 2020 21:10

Tgt Ion:112 Resp: 738937
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 29.3 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: 104.716 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119262.D

Acq: 6 Mar 2020 21:10

Instrument :

BNA_F

ClientSampled :

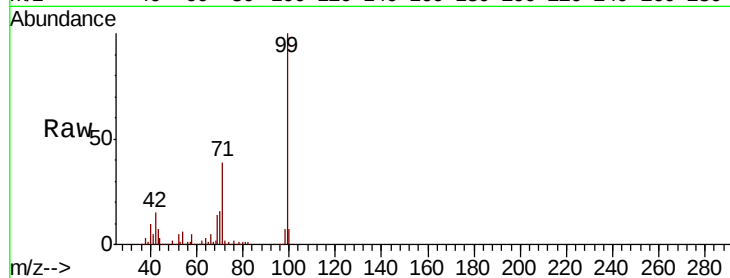
Tot Ion: 99 Resp: 776328

Ion Ratio Lower Upper

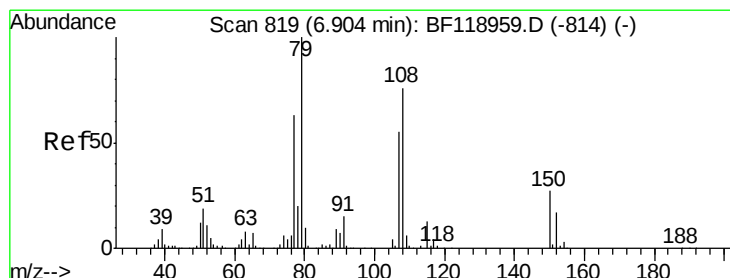
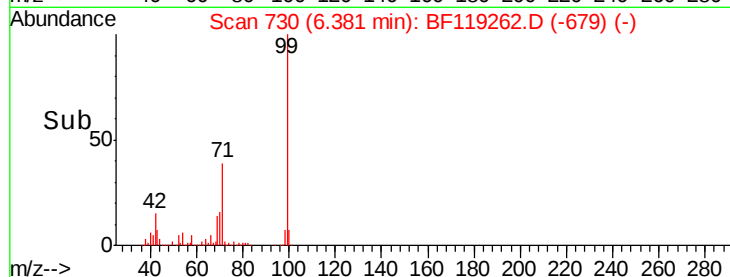
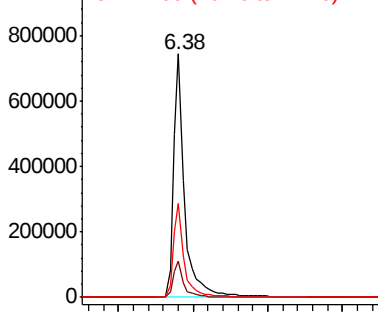
99 100

42 14.8 12.6 18.8

71 38.8 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: 2.241 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119262.D

Acq: 6 Mar 2020 21:10

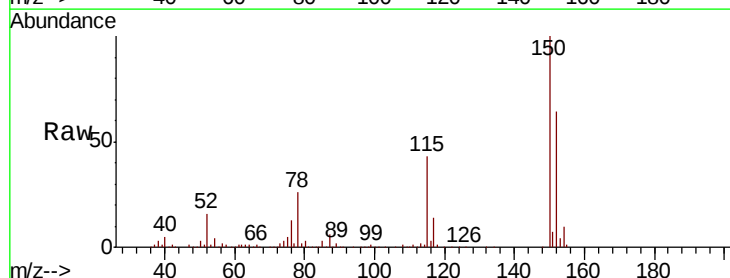
Tgt Ion: 79 Resp: 12008

Ion Ratio Lower Upper

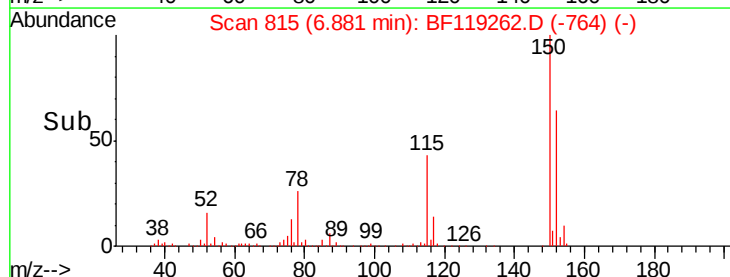
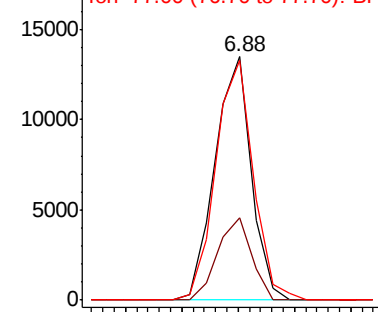
79 100

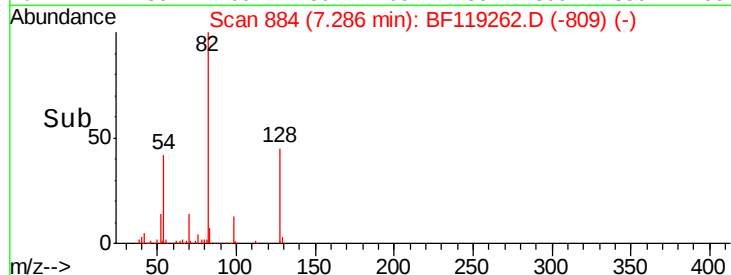
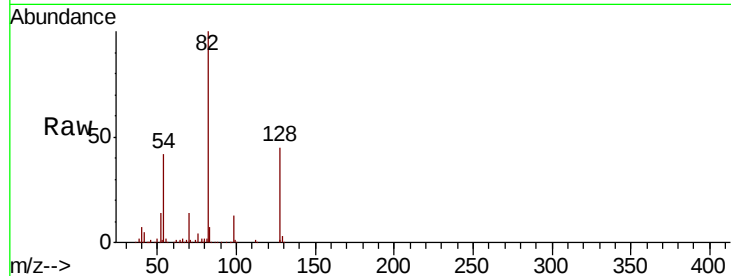
108 33.6 58.2 87.2#

77 98.6 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

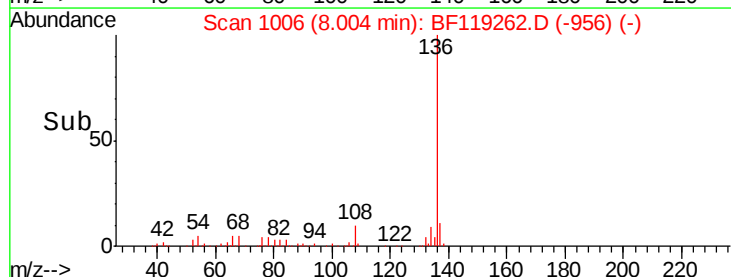
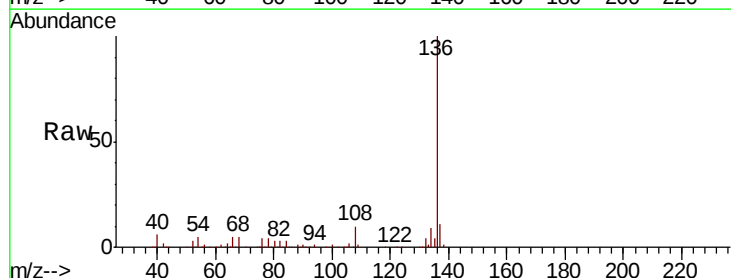
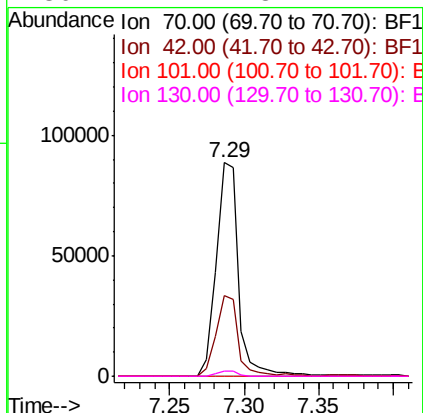




#19
n-Nitroso-di-n-propylamine
Concen: 21.596 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119262.D
Acq: 6 Mar 2020 21:10

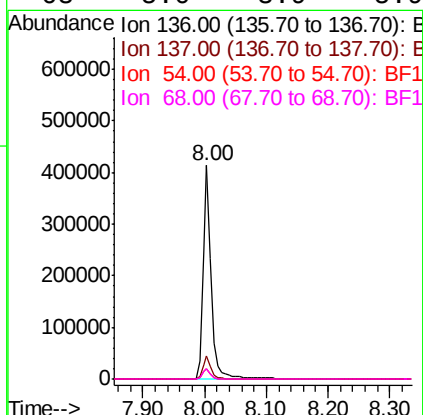
Instrument :
BNA_F
ClientSampleId :

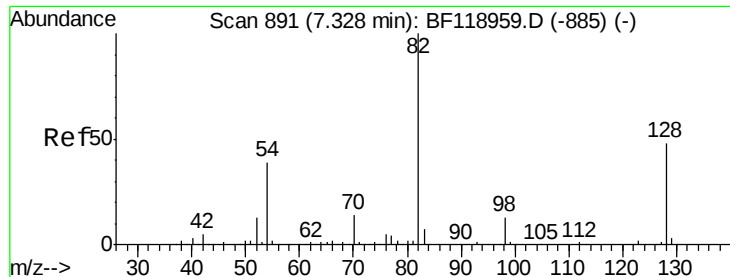
Tot Ion:	70	Resp:	93295
Ion	Ratio	Lower	Upper
70	100		
42	38.0	38.0	57.0#
101	0.0	8.2	12.4#
130	2.2	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119262.D
Acq: 6 Mar 2020 21:10

Tgt Ion:	136	Resp:	388196
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.9	3.8	5.6
68	5.0	3.9	5.9

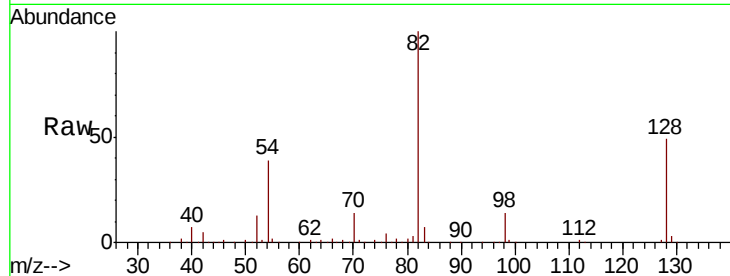




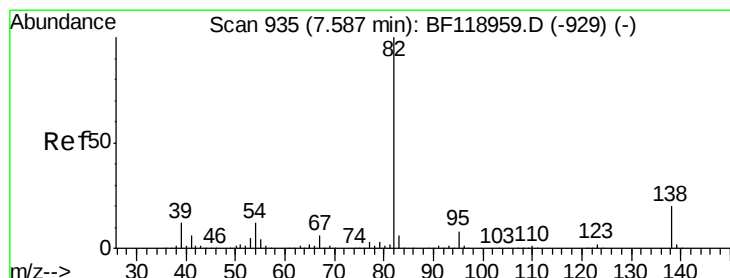
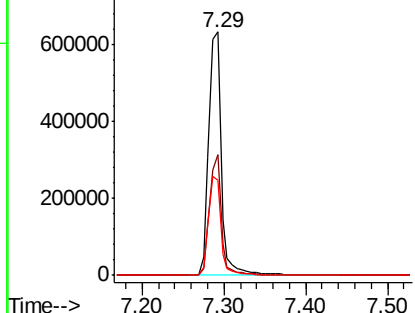
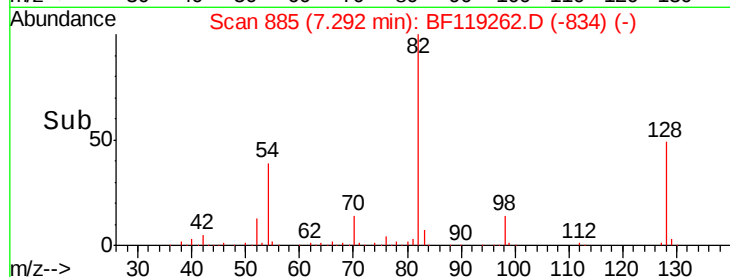
#23
Nitrobenzene-d5
Concen: 92.513 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119262.D
Acq: 6 Mar 2020 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 680174
Ion Ratio Lower Upper
82 100
128 49.4 37.9 56.9
54 39.3 33.4 50.2

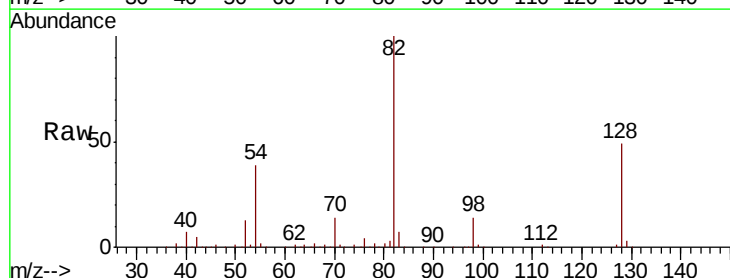


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

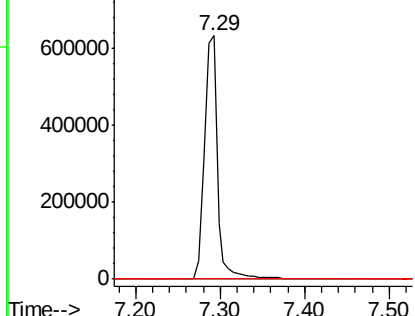
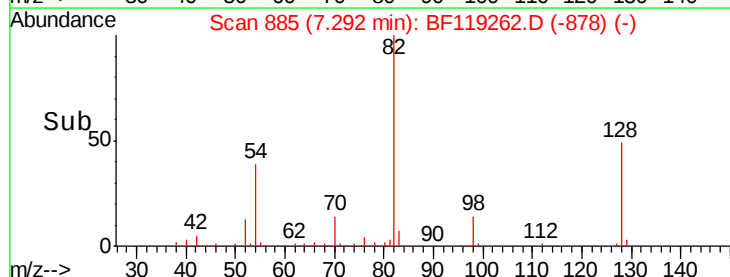


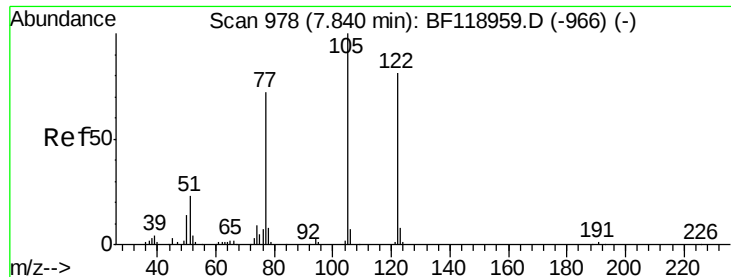
#25
Isophorone
Concen: 53.269 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119262.D
Acq: 6 Mar 2020 21:10

Tgt Ion: 82 Resp: 680167
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 6.846 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.09 min

Lab File: BF119262.D

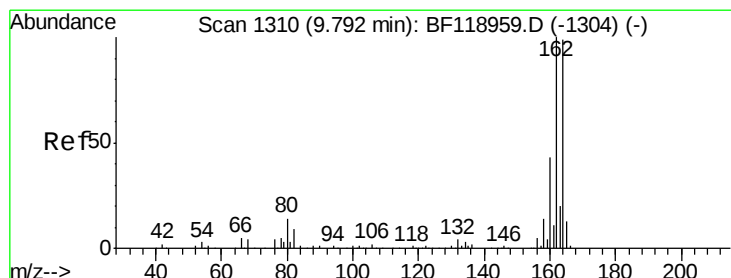
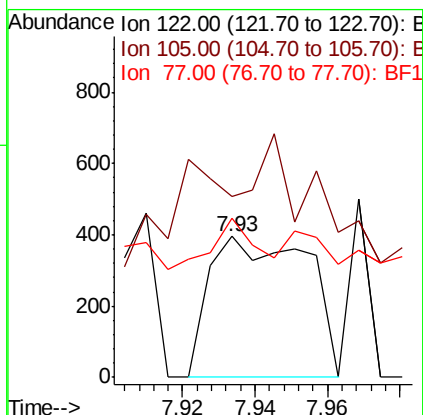
Acq: 6 Mar 2020 21:10

Instrument :

BNA_F

ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	128.9	106.3	146.3
77	112.9	73.1	113.1



#39

Acenaphthene-d10

Concen: 20.000 ng

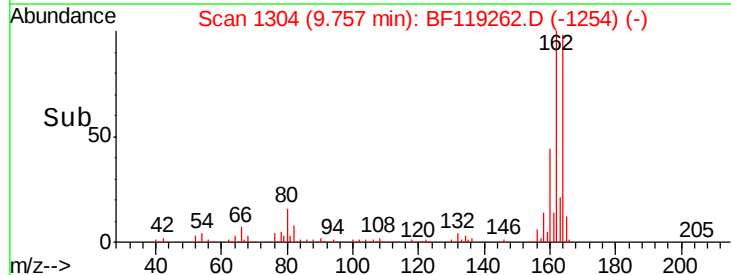
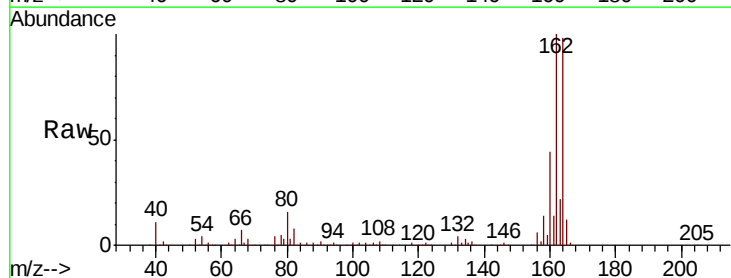
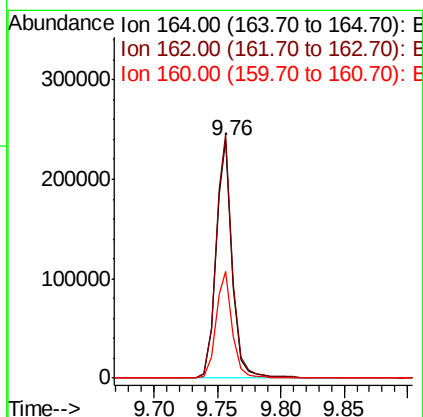
RT: 9.76 min Scan# 1304

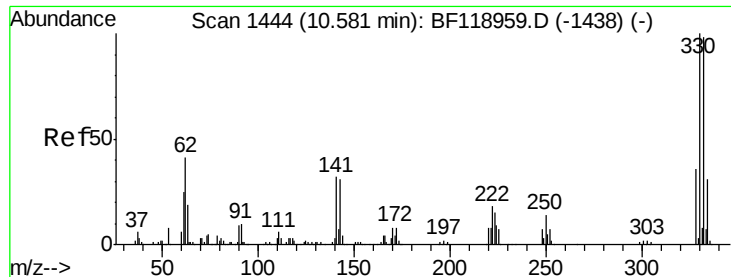
Delta R.T. -0.01 min

Lab File: BF119262.D

Acq: 6 Mar 2020 21:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.8
160	44.7	36.0	54.0

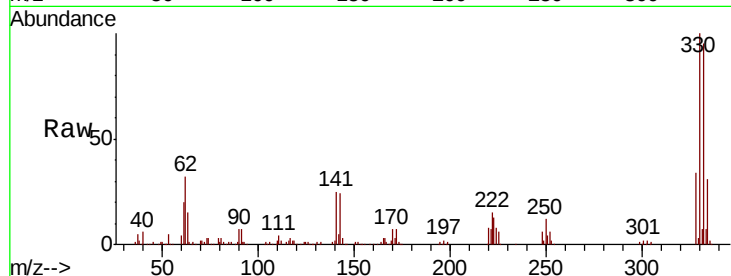




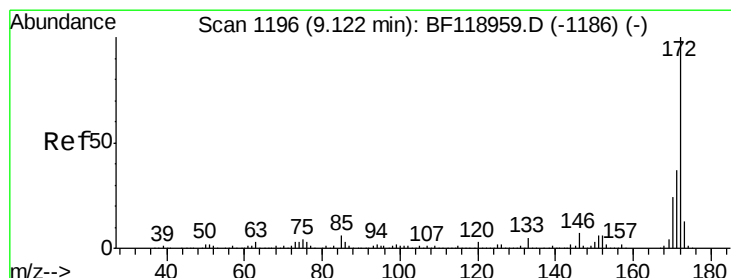
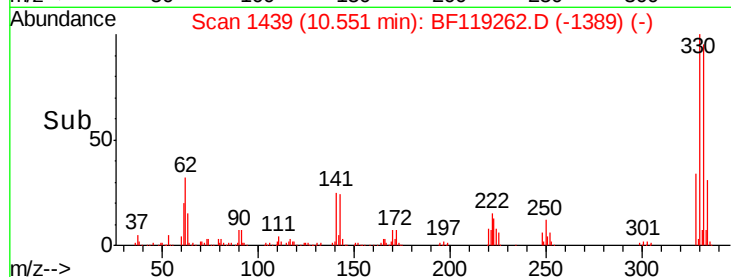
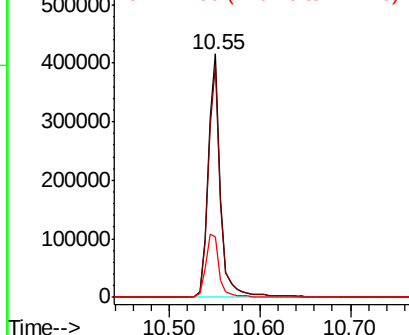
#42
 2,4,6-Tribromophenol
 Concen: 143.424 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119262.D
 Acq: 6 Mar 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 402437
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.0 114.0
 141 29.5 22.9 34.3

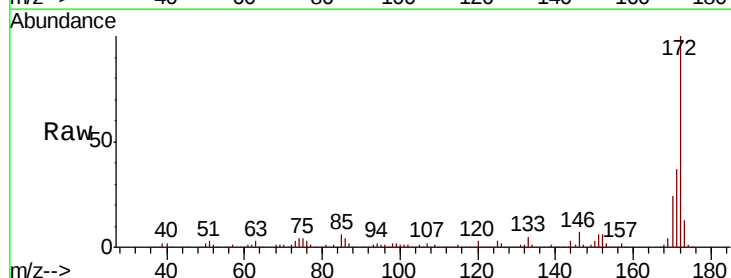


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

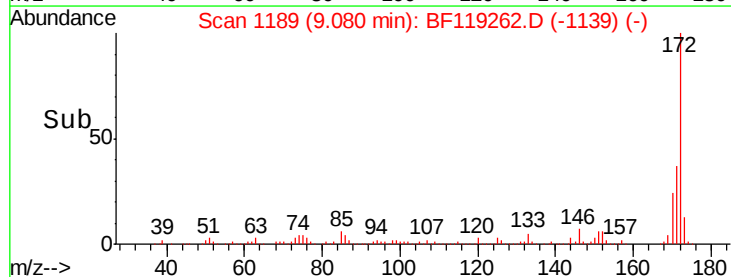
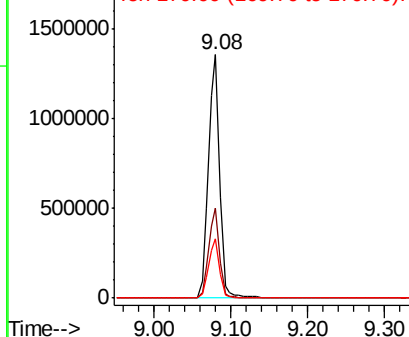


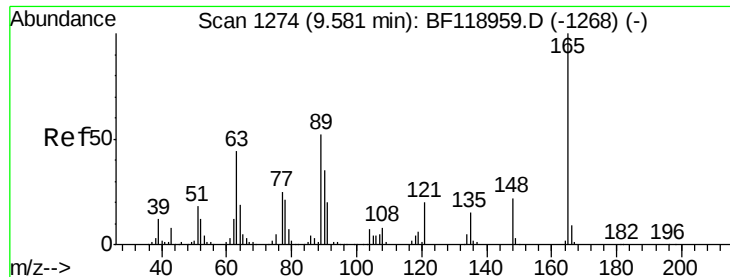
#45
 2-Fluorobiphenyl
 Concen: 93.228 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119262.D
 Acq: 6 Mar 2020 21:10

Tgt Ion:172 Resp: 1357393
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 45.8
 170 24.3 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

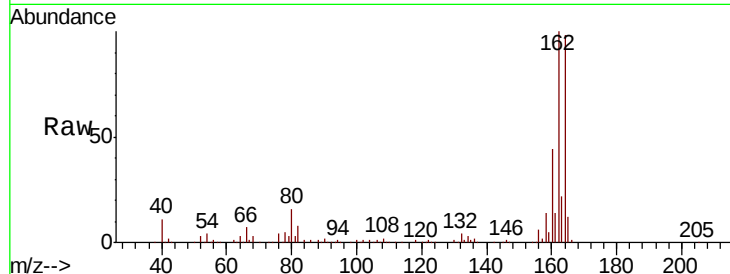




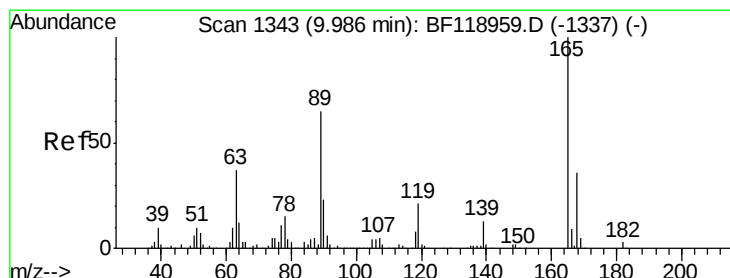
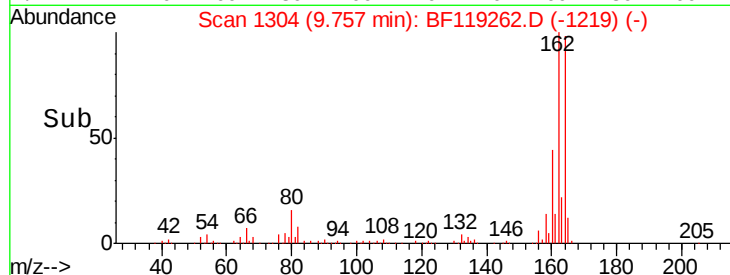
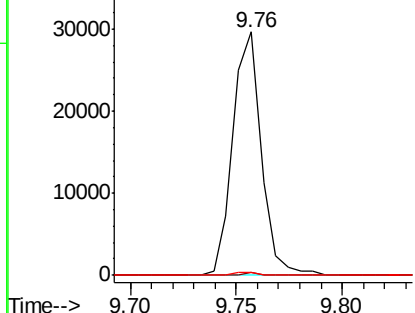
#51
 2,6-Dinitrotoluene
 Concen: 7.549 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119262.D
 Acq: 6 Mar 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 27509
 Ion Ratio Lower Upper
 165 100
 63 1.5 34.3 51.5#
 89 1.3 38.3 57.5#

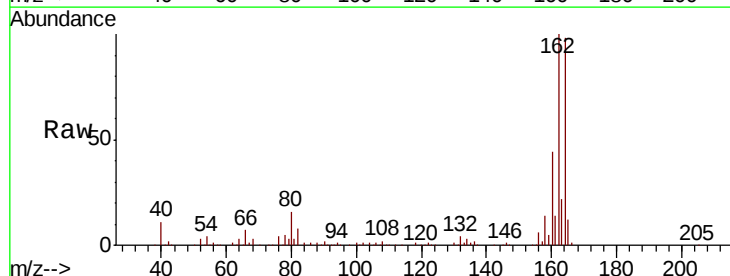


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

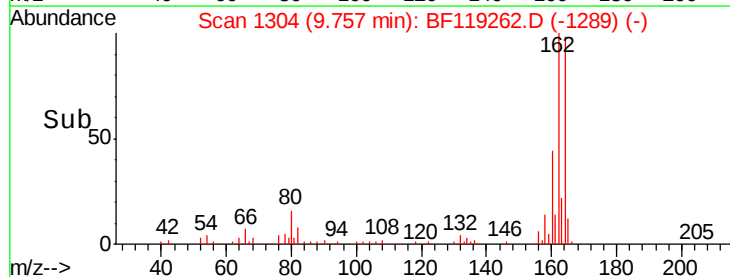
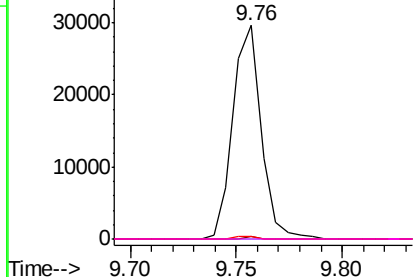


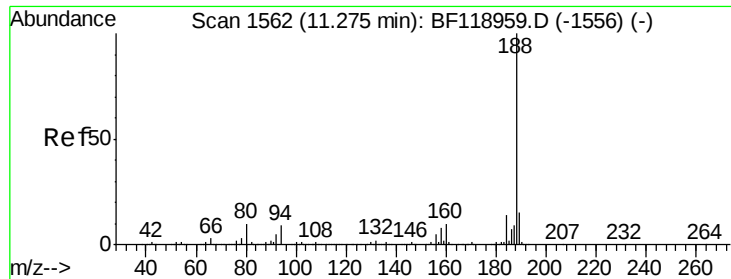
#57
 2,4-Dinitrotoluene
 Concen: 5.824 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119262.D
 Acq: 6 Mar 2020 21:10

Tgt Ion:165 Resp: 27509
 Ion Ratio Lower Upper
 165 100
 63 1.5 42.3 63.5#
 89 1.3 60.2 90.4#
 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

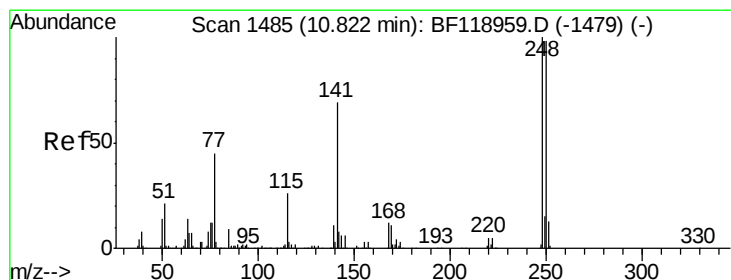
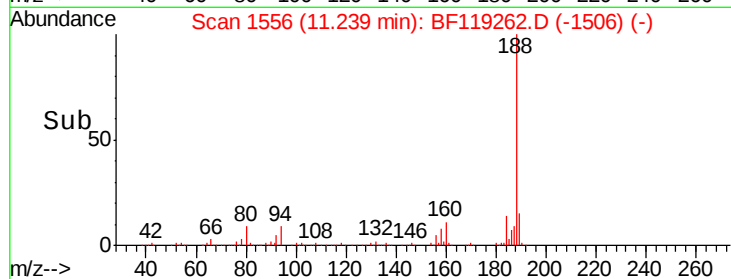
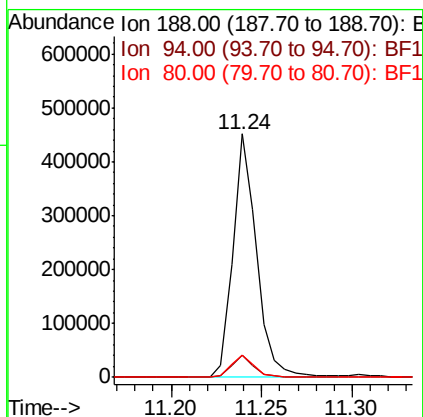
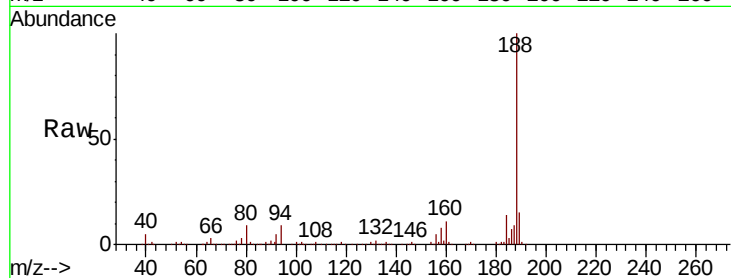




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119262.D
Acq: 6 Mar 2020 21:10

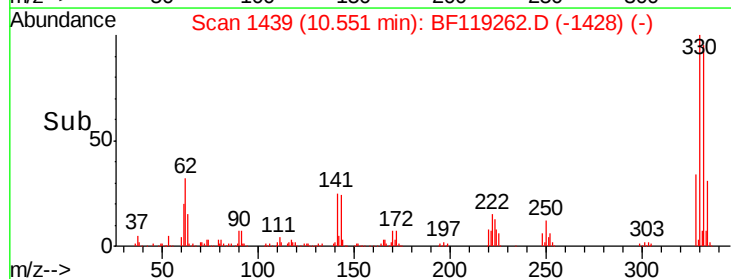
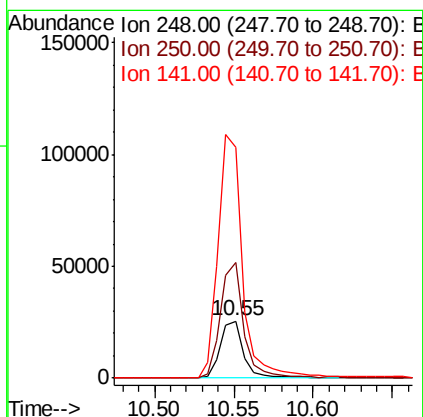
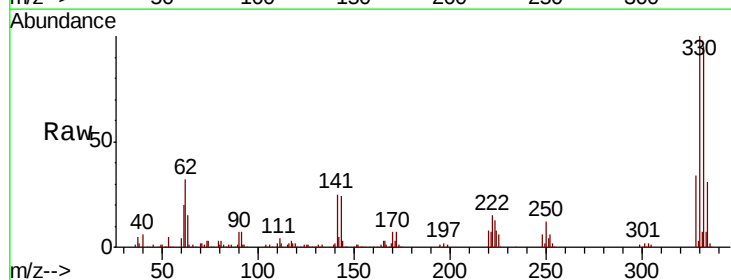
Instrument :
BNA_F
ClientSampleId :

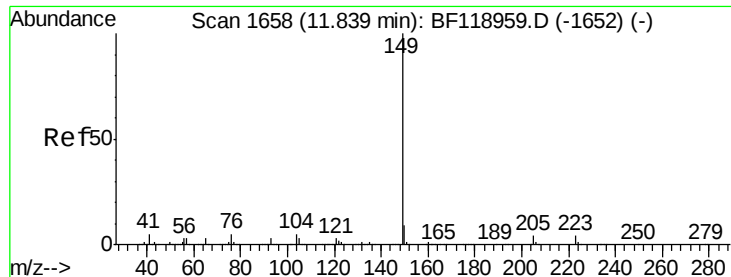
Tot Ion:188 Resp: 411201
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.3 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.889 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119262.D
Acq: 6 Mar 2020 21:10

Tgt Ion:248 Resp: 26278
Ion Ratio Lower Upper
248 100
250 202.4 76.7 115.1#
141 402.5 60.7 91.1#





#74

Di-n-butylphthalate

Concen: 2.177 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF119262.D

Acq: 6 Mar 2020 21:10

Instrument :

BNA_F

ClientSampleId :

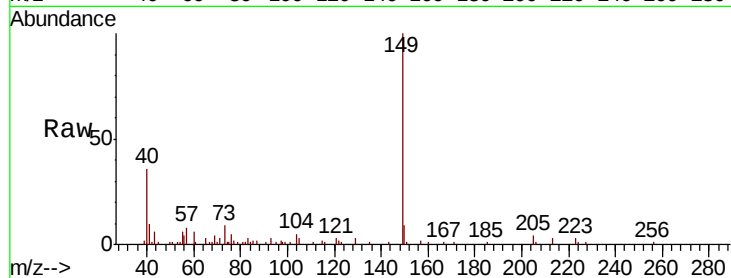
Tot Ion:149 Resp: 52627

Ion Ratio Lower Upper

149 100

150 9.2 7.9 11.9

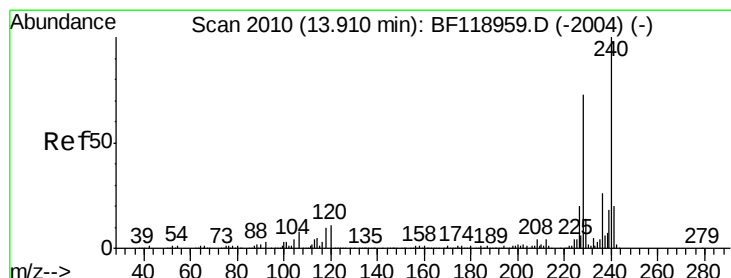
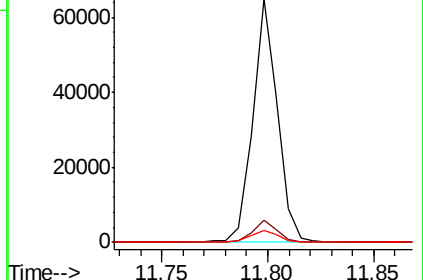
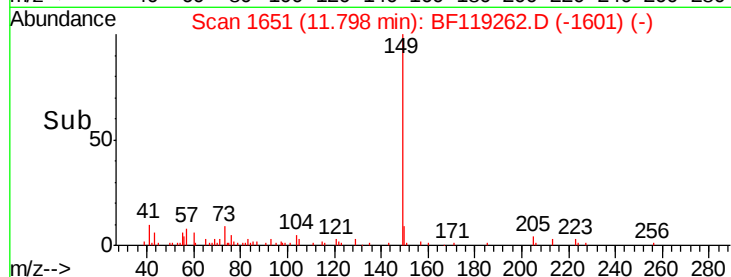
104 5.0 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119262.D

Acq: 6 Mar 2020 21:10

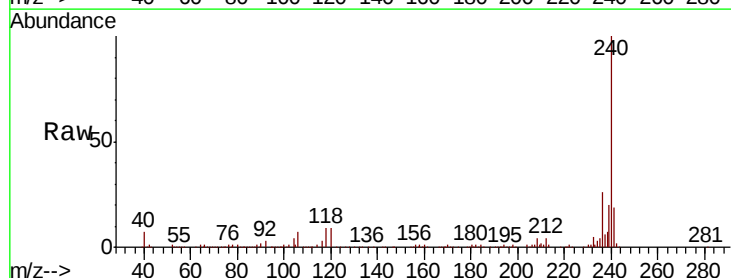
Tgt Ion:240 Resp: 351534

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

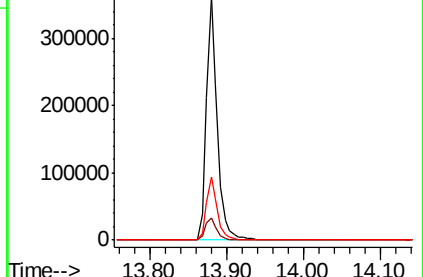
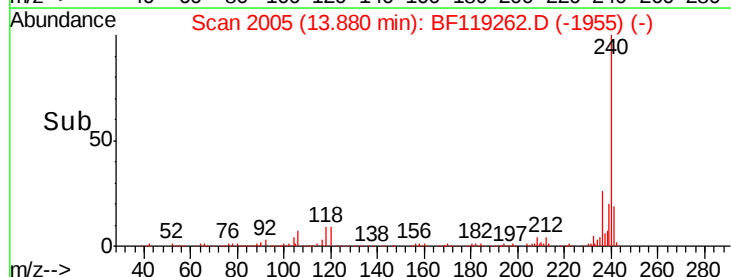
236 26.1 21.0 31.4

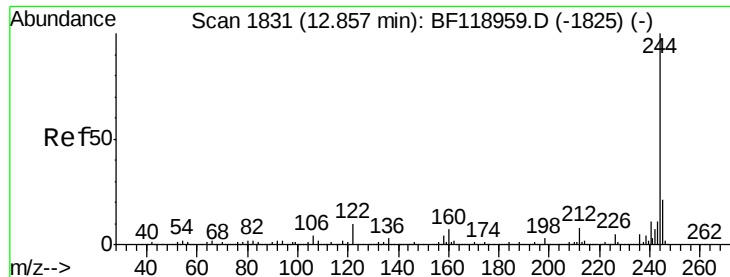


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

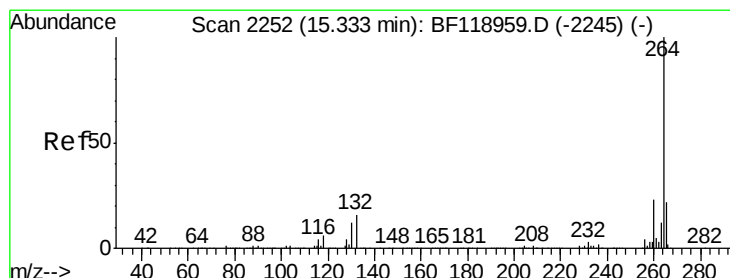
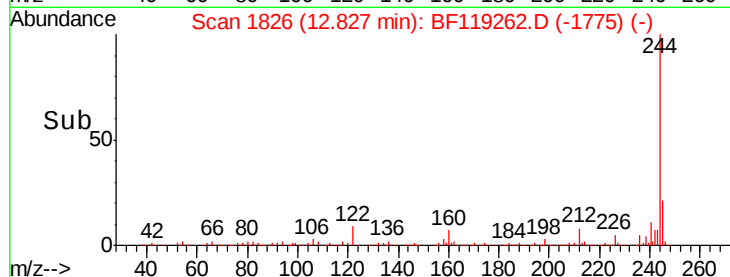
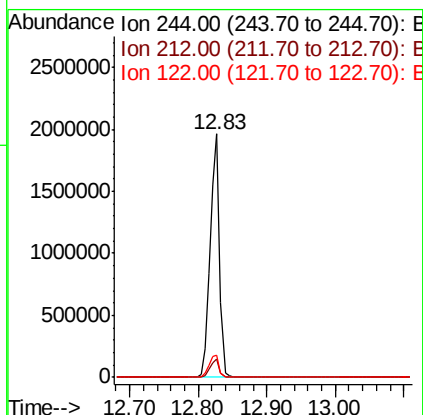
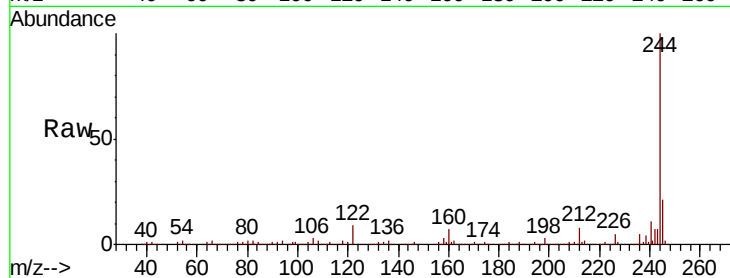




#79
 Terphenyl-d14
 Concen: 91.741 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119262.D
 Acq: 6 Mar 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1873186
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 10.0
 122 9.4 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF119262.D
 Acq: 6 Mar 2020 21:10

Tgt Ion:264 Resp: 344200
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.0 17.7 26.5

