

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119244.D
 Acq On : 6 Mar 2020 7:45
 Operator : CG/JU
 Sample : L1775-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 12:54:16 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

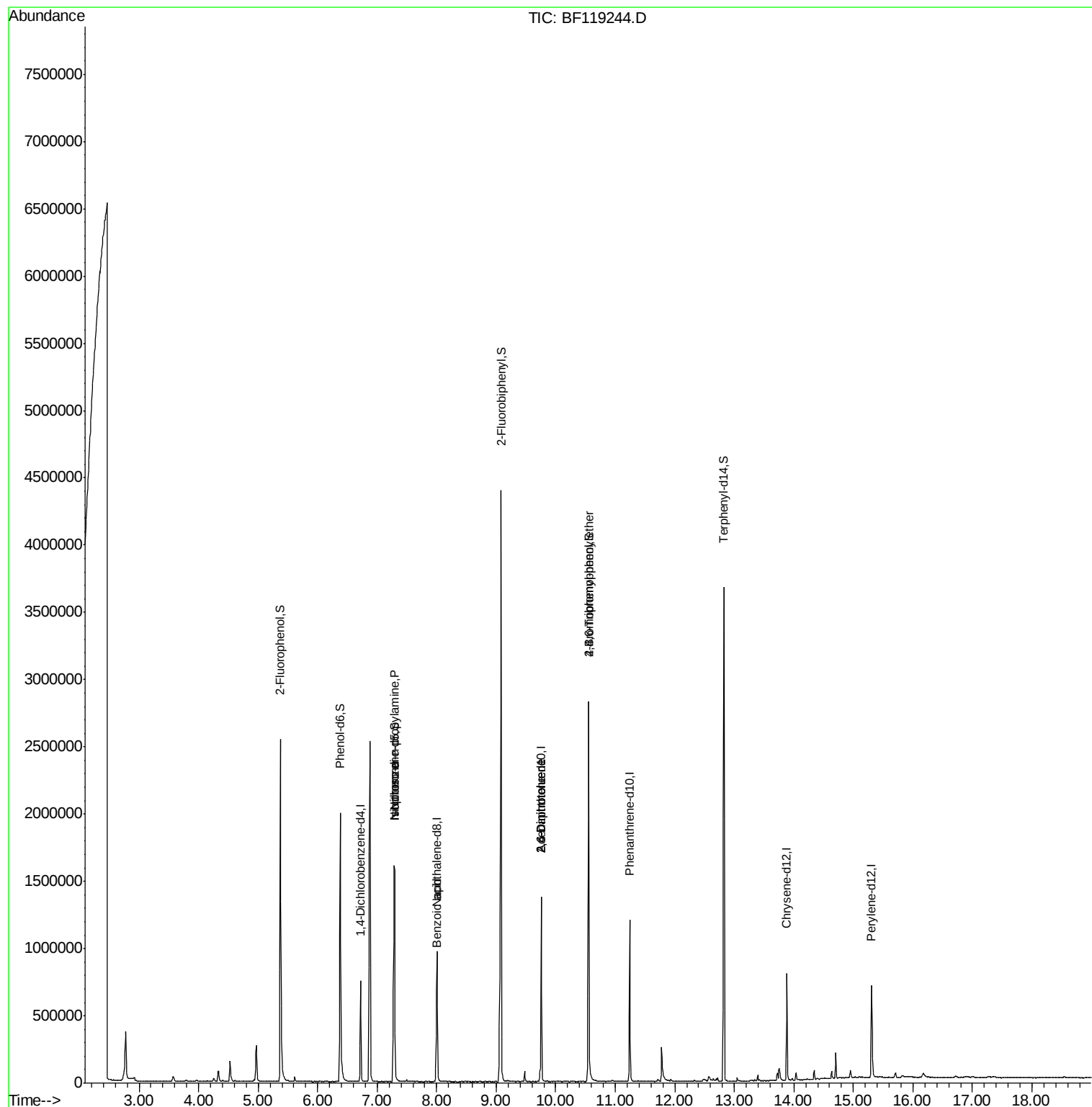
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147304	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	574628	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	297248	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	478706	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	265463	20.00	ng	-0.02
87) Perylene-d12	15.30	264	319230	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	914120	103.71	ng	0.00
7) Phenol-d6	6.38	99	983128	91.71	ng	-0.02
23) Nitrobenzene-d5	7.29	82	867860	79.74	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	405833	104.37	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1673255	82.93	ng	-0.03
79) Terphenyl-d14	12.83	244	1445111	93.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	120374	19.271	ng	# 76
25) Isophorone	7.29	82	815899	43.168	ng	# 63
32) Benzoic acid	7.99	122	217	6.713	ng	# 18
51) 2,6-Dinitrotoluene	9.76	165	39187	7.760	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	39187	5.987	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	25960	4.149	ng	# 1

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

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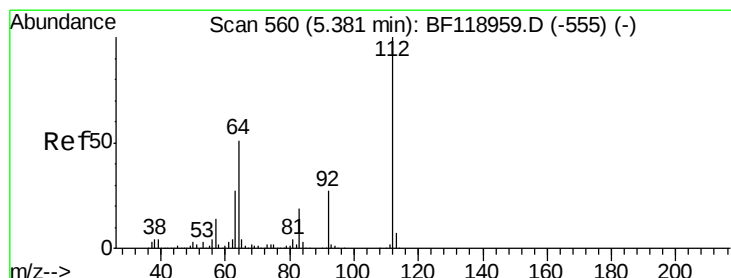
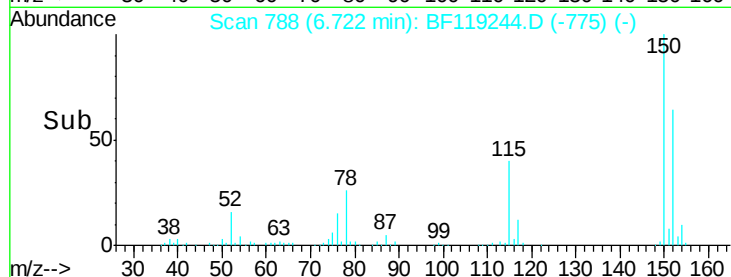
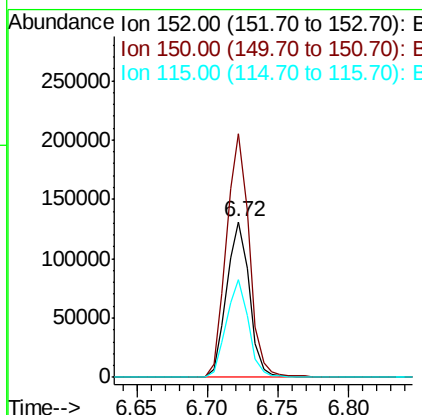
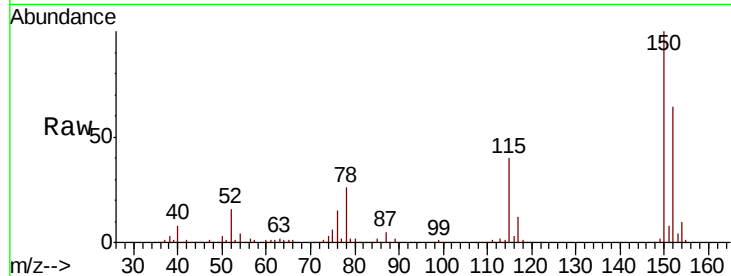




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

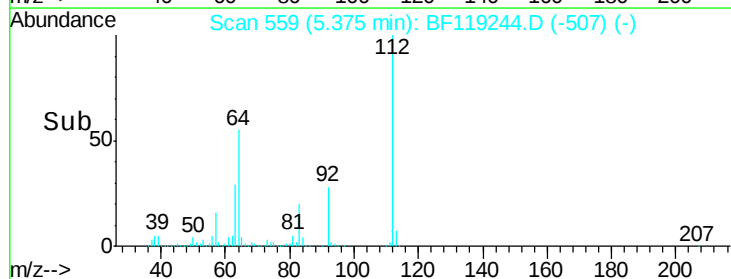
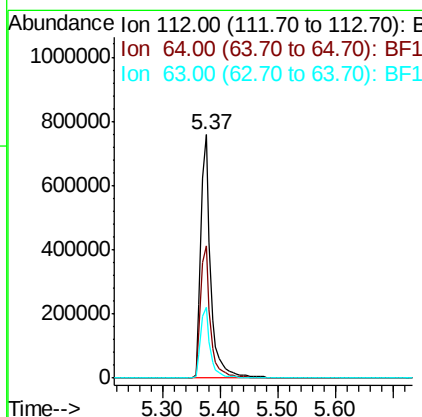
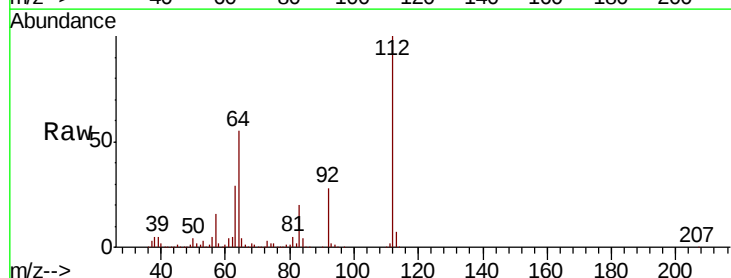
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 147304
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.0 184.6
 115 62.4 49.5 74.3



#5
 2-Fluorophenol
 Concen: 103.708 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

Tgt Ion:112 Resp: 914120
 Ion Ratio Lower Upper
 112 100
 64 54.5 45.0 67.4
 63 29.2 24.2 36.4





#7

Phenol-d6

Concen: 91.710 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Instrument :

BNA_F

ClientSampled :

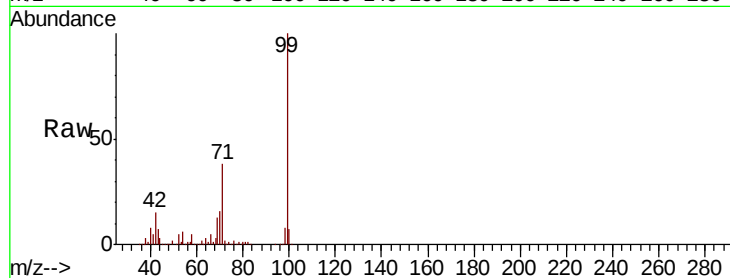
Tot Ion: 99 Resp: 983128

Ion Ratio Lower Upper

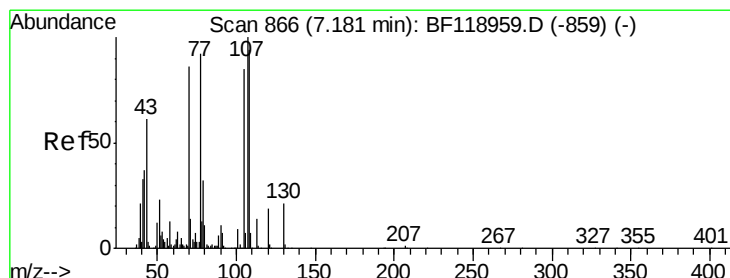
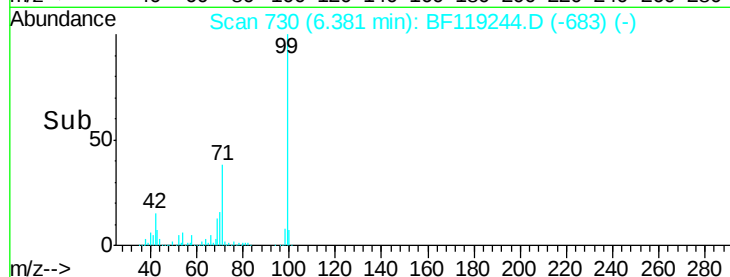
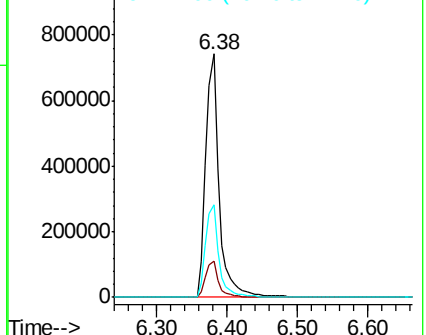
99 100

42 14.8 12.6 18.8

71 38.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 19.271 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Tgt Ion: 70 Resp: 120374

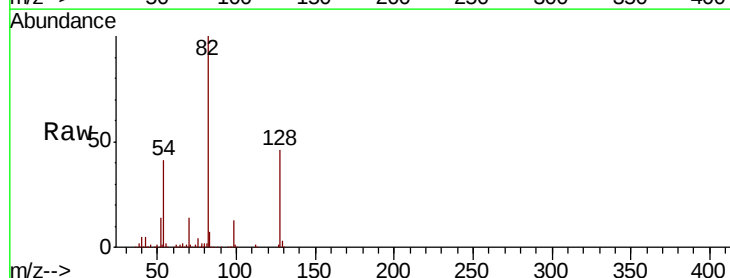
Ion Ratio Lower Upper

70 100

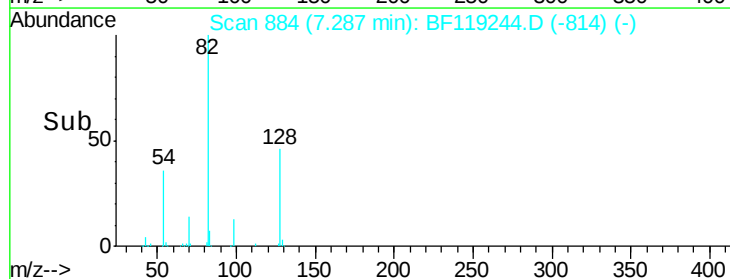
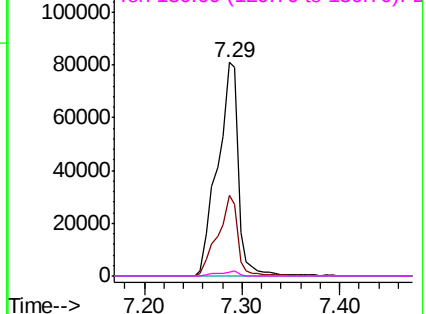
42 38.0 38.0 57.0#

101 0.0 8.2 12.4#

130 1.8 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

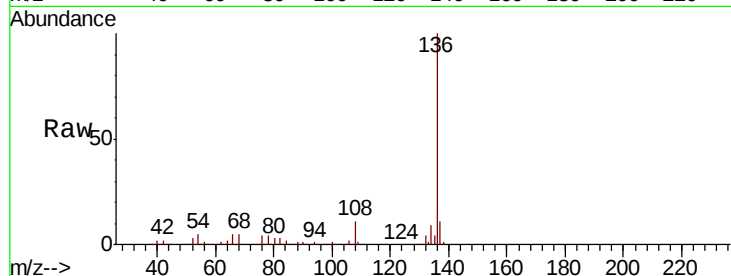




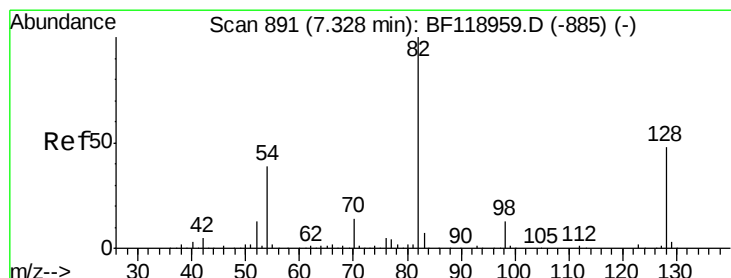
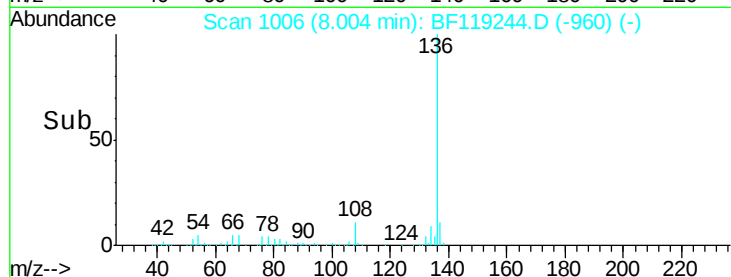
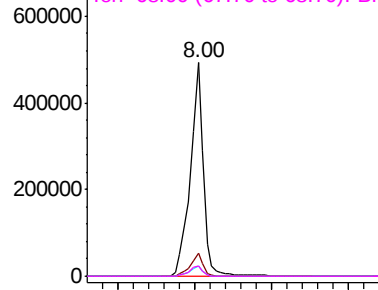
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119244.D
Acq: 6 Mar 2020 7:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	574628
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	5.0	3.8 5.6
68	5.1	3.9 5.9

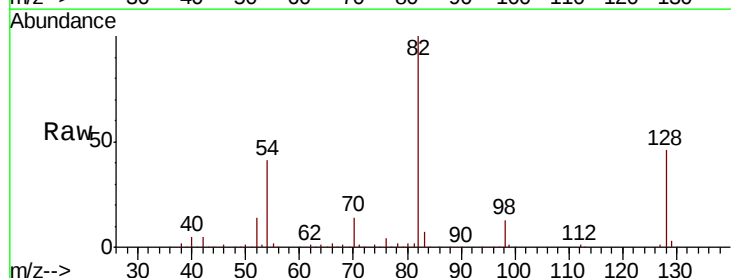


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

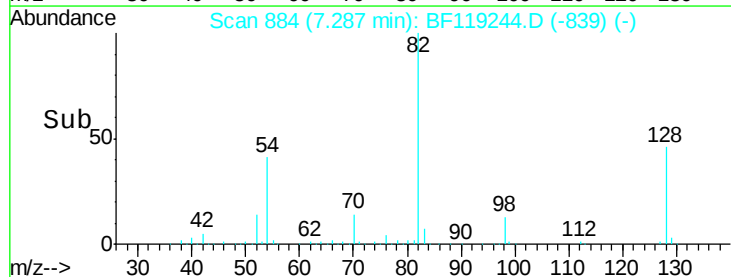
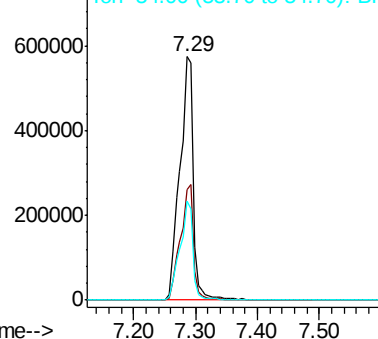


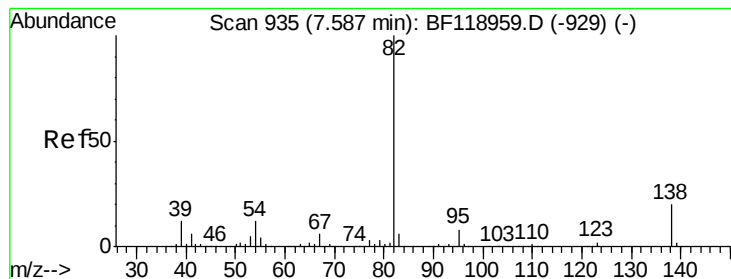
#23
Nitrobenzene-d5
Concen: 79.744 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119244.D
Acq: 6 Mar 2020 7:45

Tgt Ion: 82	Resp:	867860
Ion	Ratio	Lower Upper
82	100	
128	45.6	37.9 56.9
54	40.6	33.4 50.2



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





#25

Isophorone

Concen: 43.168 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Instrument :

BNA_F

ClientSampleId :

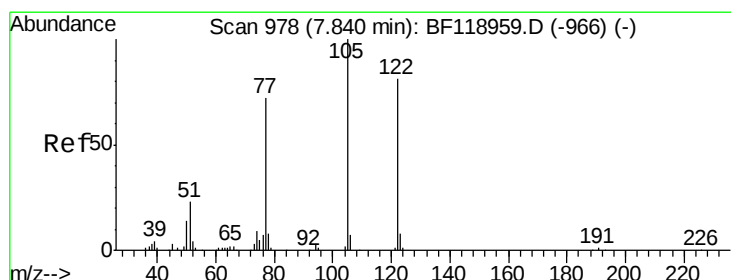
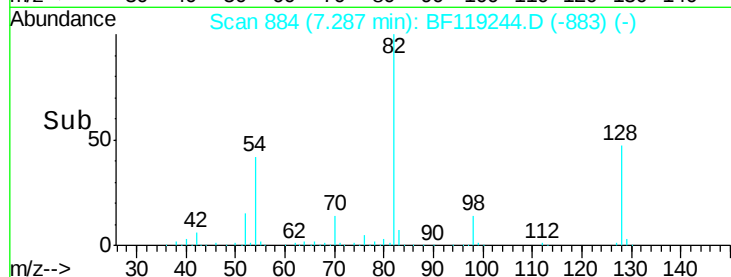
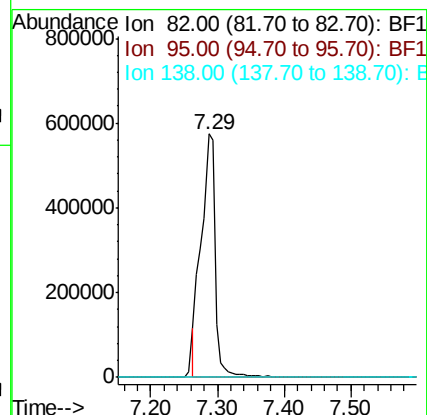
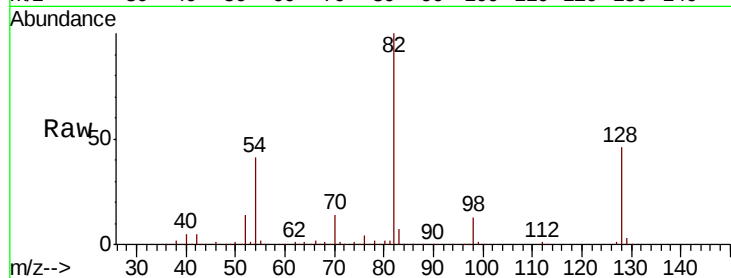
Tot Ion: 82 Resp: 815899

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



#32

Benzoic acid

Concen: 6.713 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.13 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

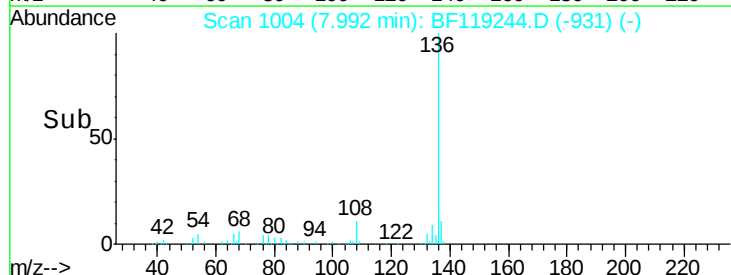
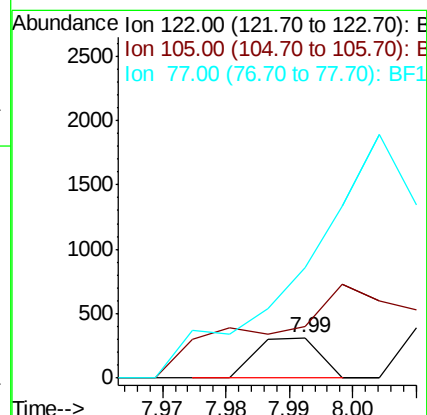
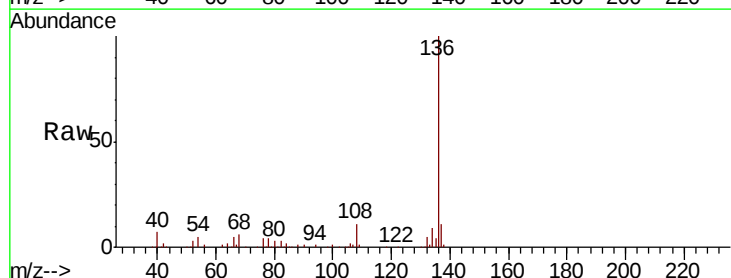
Tgt Ion:122 Resp: 217

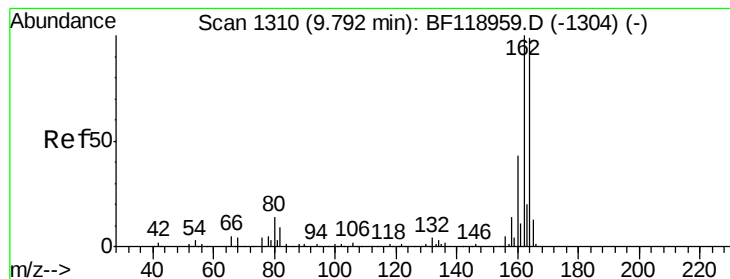
Ion Ratio Lower Upper

122 100

105 128.3 106.3 146.3

77 275.6 73.1 113.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Instrument :

BNA_F

ClientSampleId :

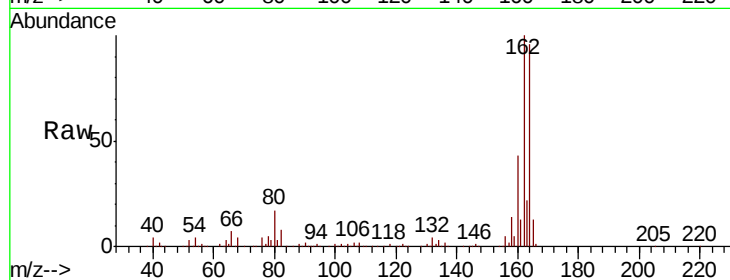
Tot Ion:164 Resp: 297248

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

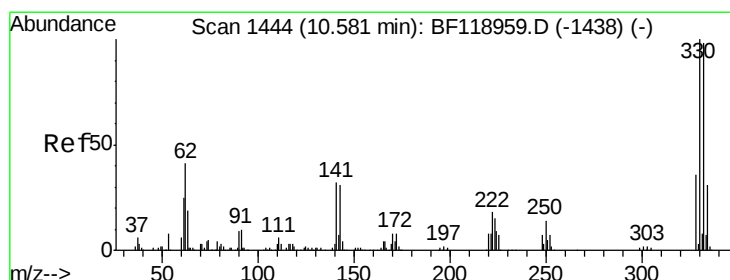
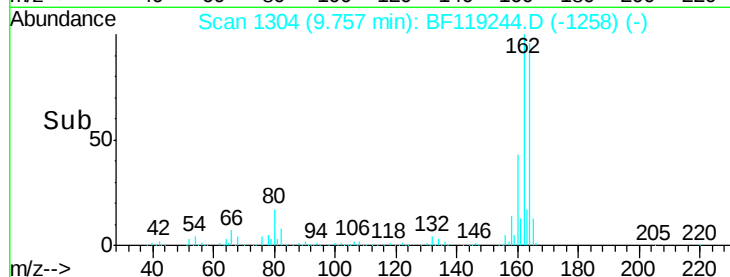
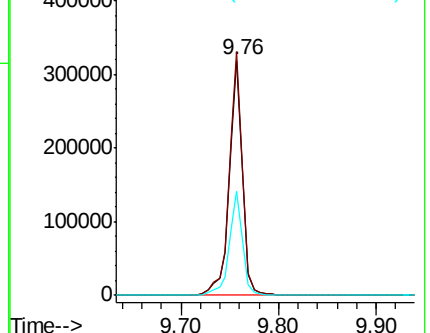
160 44.2 36.0 54.0



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: 104.367 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

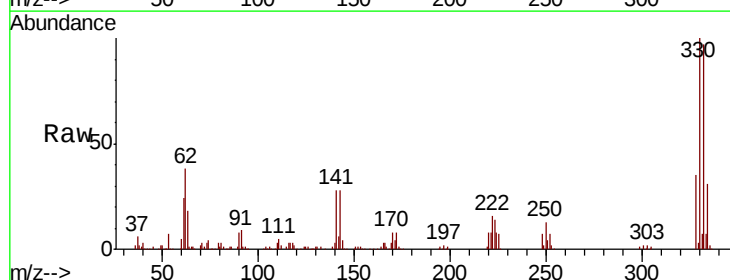
Tgt Ion:330 Resp: 405833

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

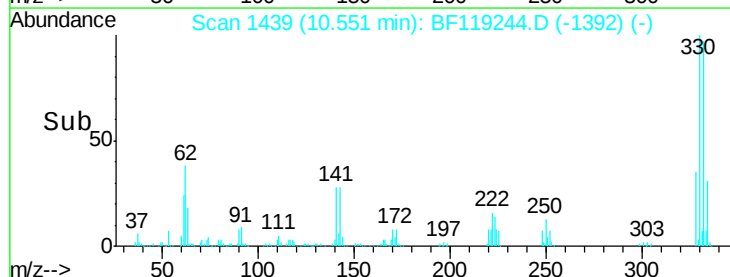
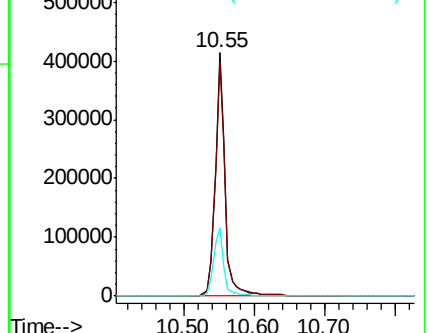
141 29.8 22.9 34.3

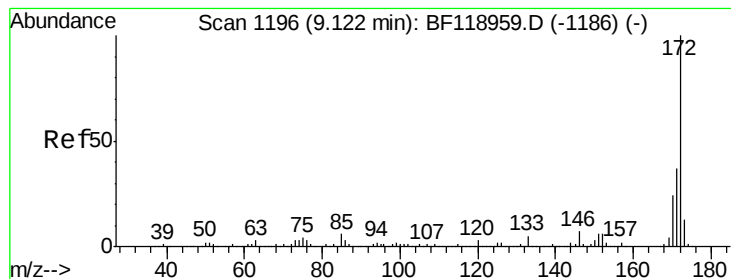


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 82.927 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

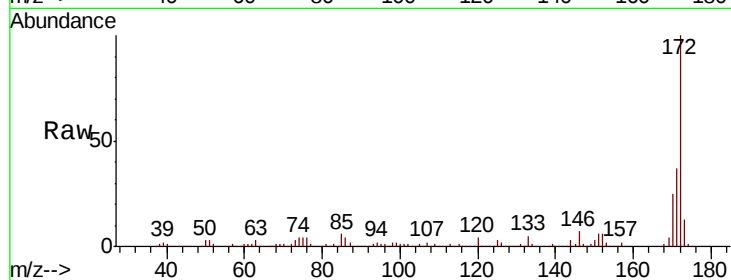
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1673255

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	45.8
170	24.5	20.2	30.2

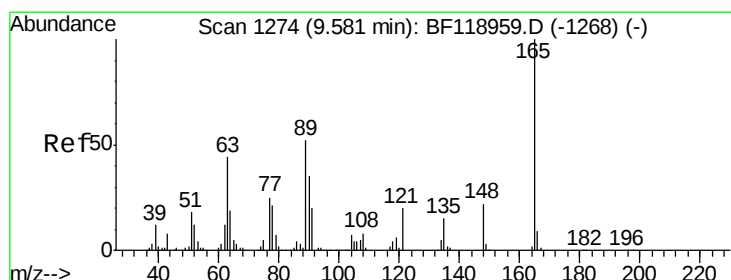
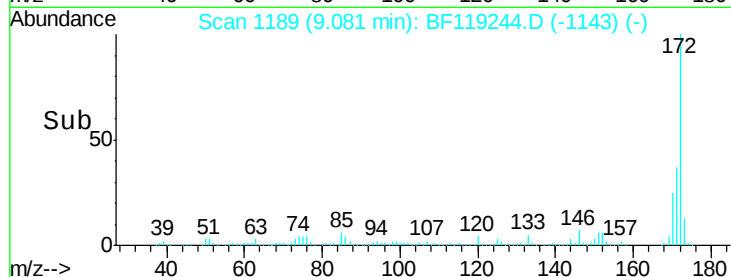
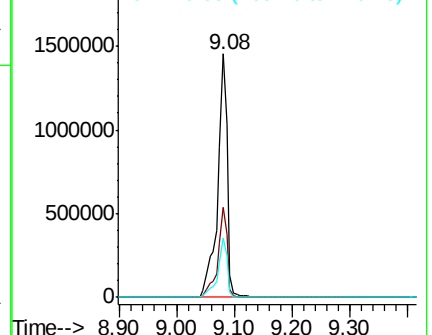


Abundance

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: 7.760 ng

RT: 9.76 min Scan# 1304

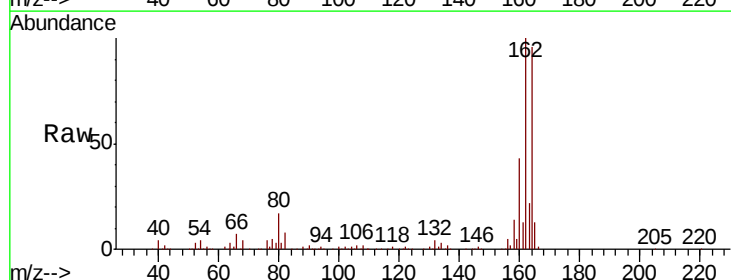
Delta R.T. 0.18 min

Lab File: BF119244.D

Acq: 6 Mar 2020 7:45

Tgt Ion:165 Resp: 39187

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.4	38.3	57.5#

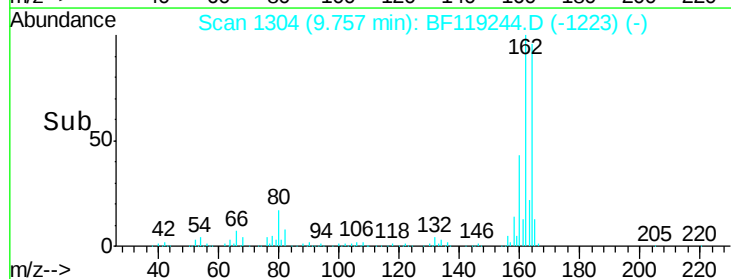
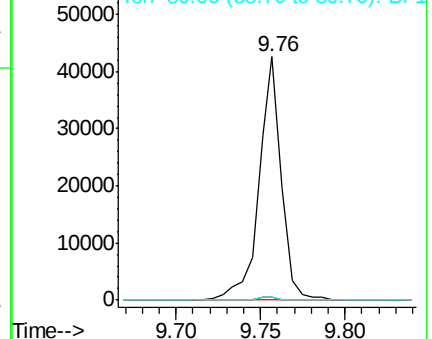


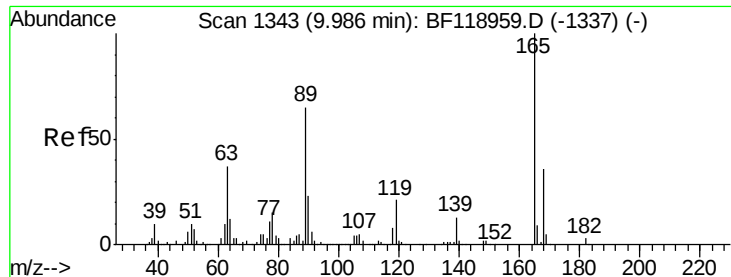
Abundance

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

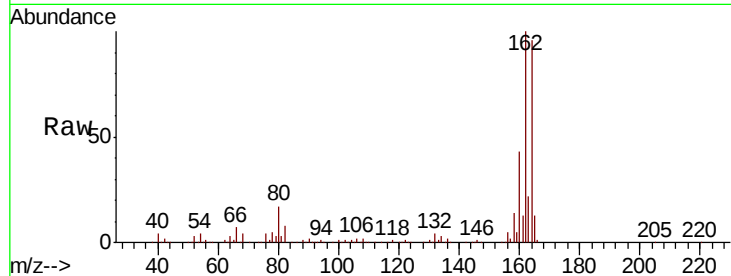




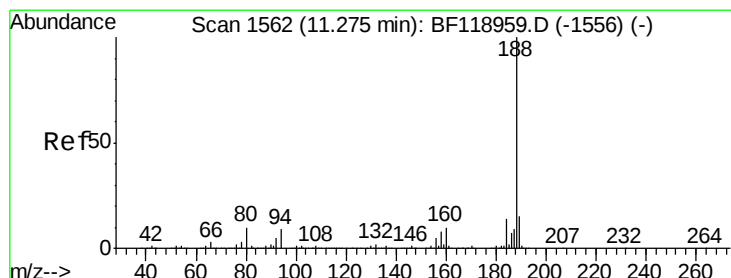
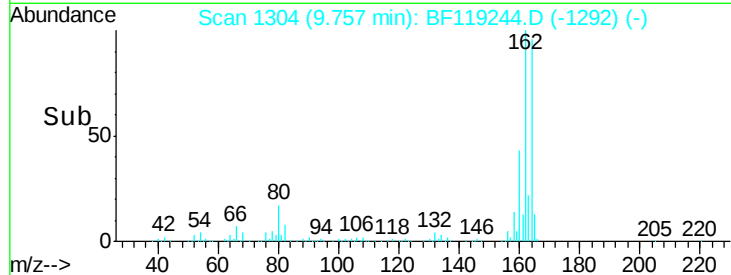
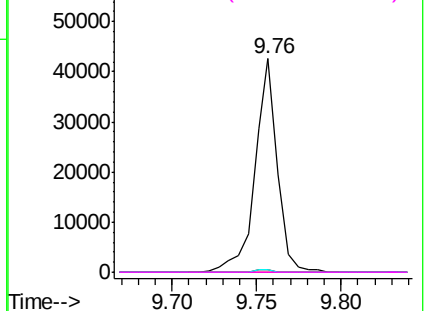
#57
 2,4-Dinitrotoluene
 Concen: 5.987 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.23 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	39187
Ion Ratio	Lower	Upper	
165	100		
63	1.2	42.3	63.5#
89	1.4	60.2	90.4#
182	0.0	2.3	3.5#

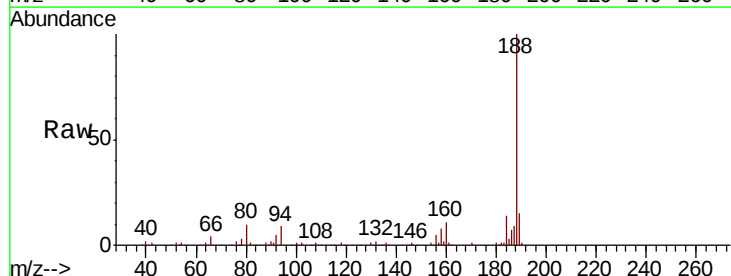


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

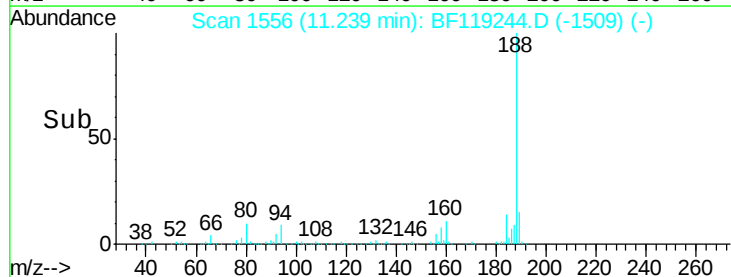
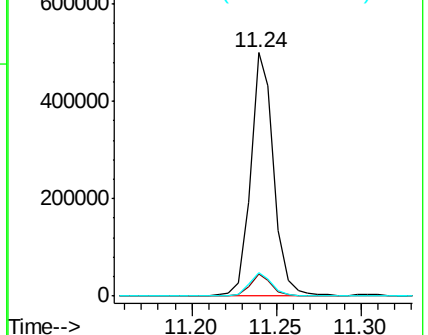


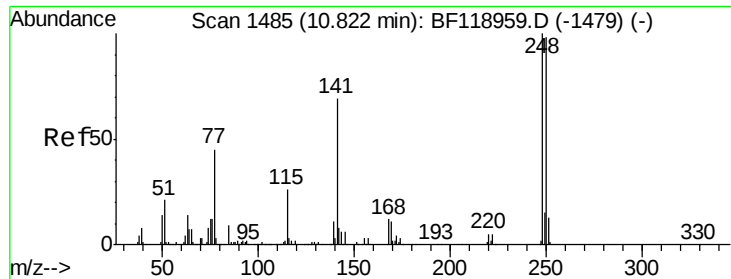
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

Tgt Ion:	188	Resp:	478706
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.1	10.7
80	9.9	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

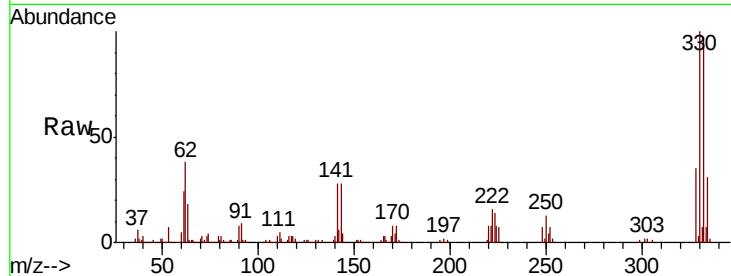




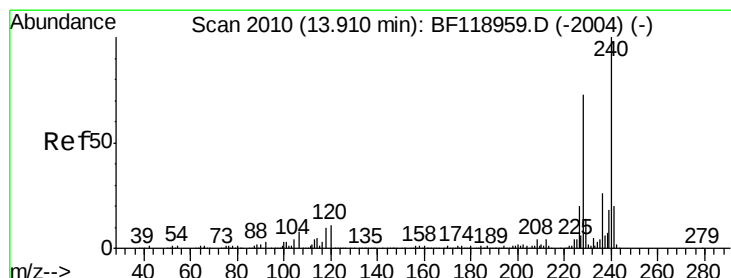
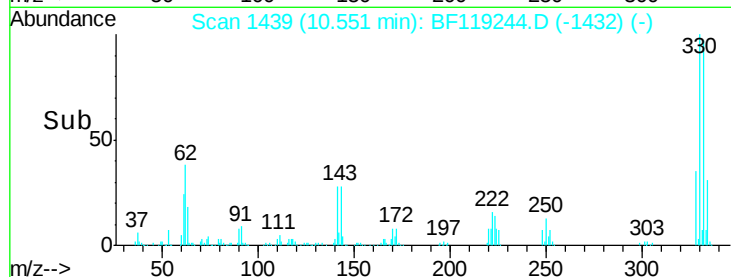
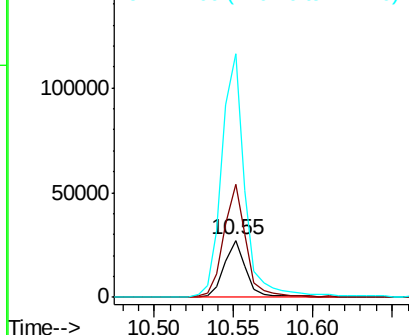
#67
4-Bromophenyl-phenylether
Concen: 4.149 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119244.D
Acq: 6 Mar 2020 7:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25960
Ion Ratio Lower Upper
248 100
250 199.3 76.7 115.1#
141 427.5 60.7 91.1#

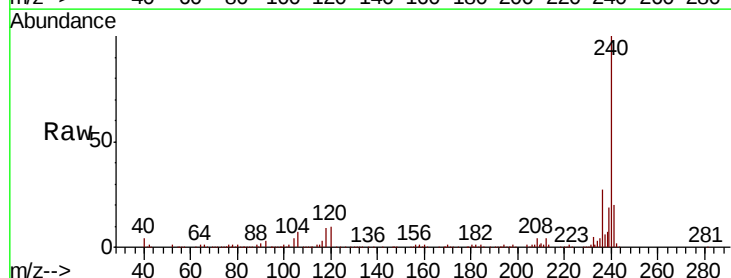


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

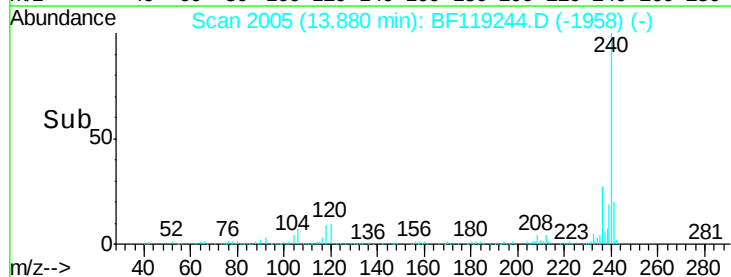
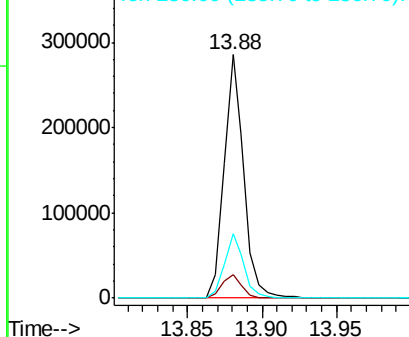


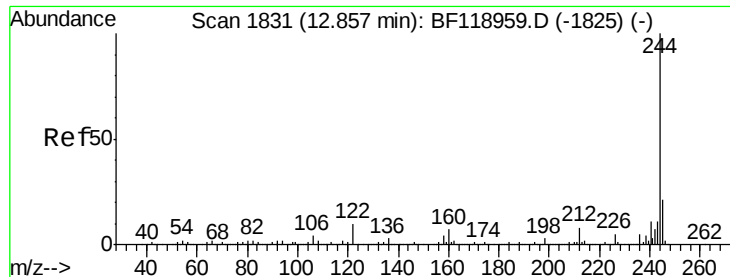
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119244.D
Acq: 6 Mar 2020 7:45

Tgt Ion:240 Resp: 265463
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.7 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



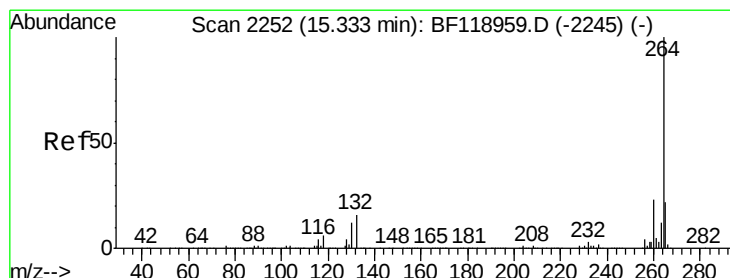
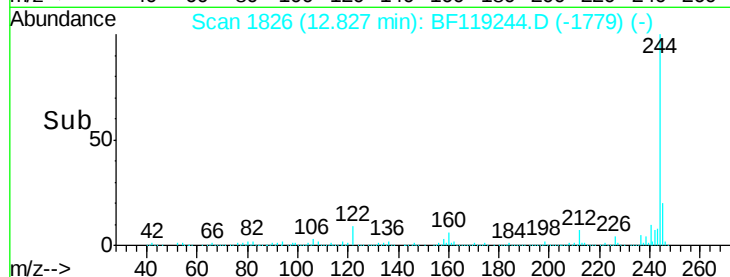
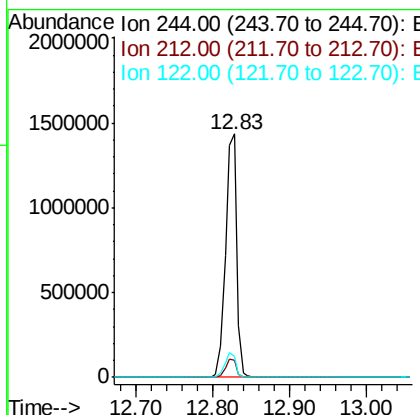
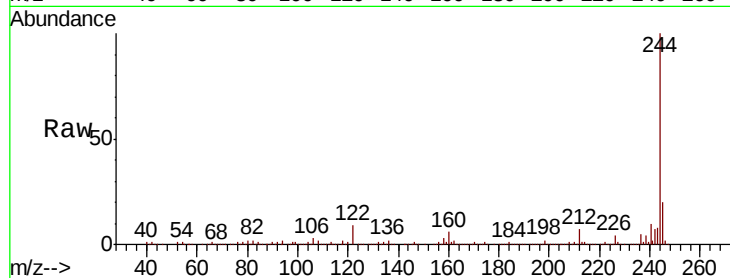


#79
 Terphenyl-d14
 Concen: 93.723 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1445111

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	10.0
122	8.6	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119244.D
 Acq: 6 Mar 2020 7:45

Tgt Ion:264 Resp: 319230

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	17.7	26.5

