

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119196.D
 Acq On : 4 Mar 2020 15:54
 Operator : CG/JU
 Sample : L1739-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 16:27:25 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

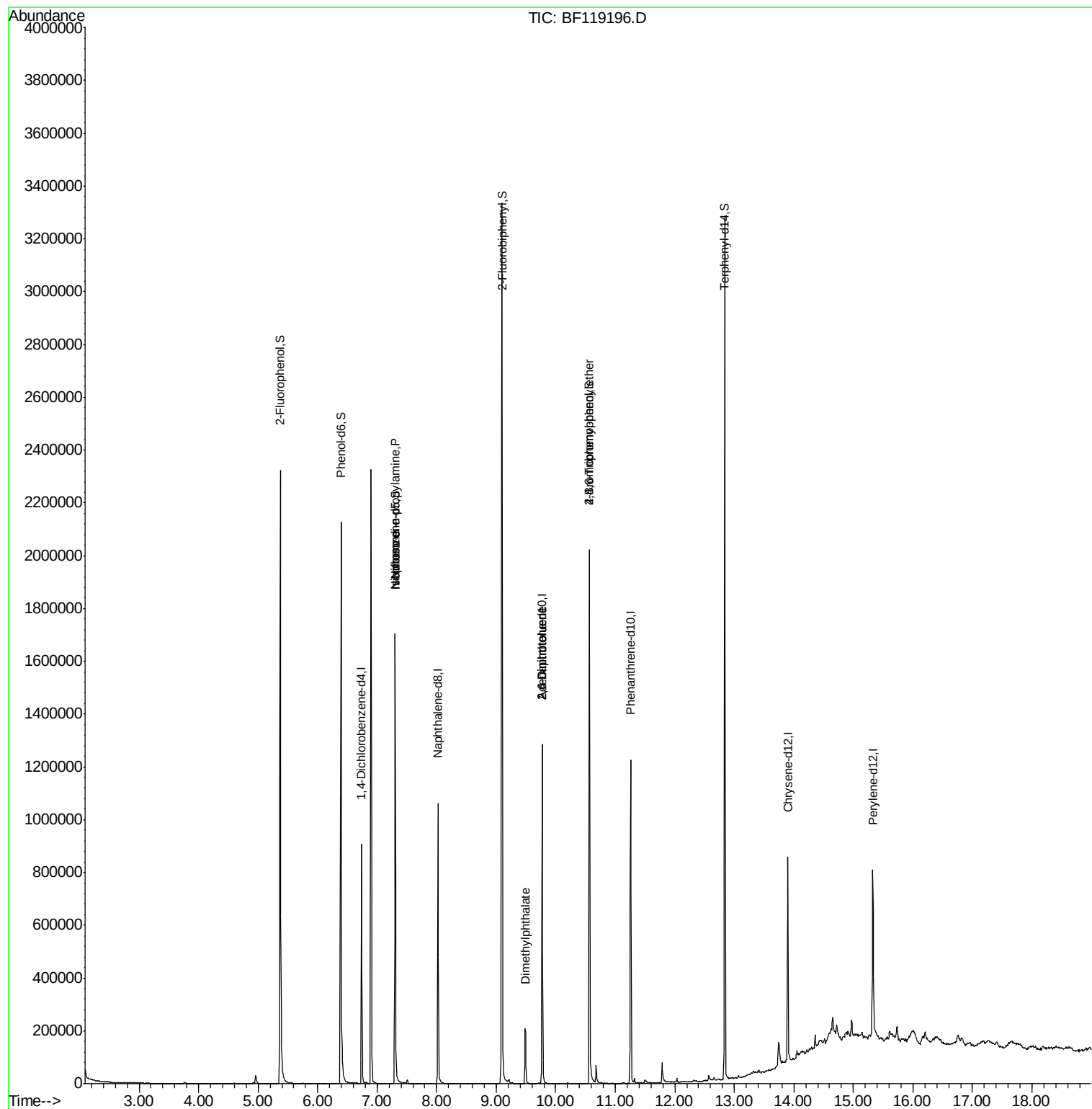
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	136374	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	517794	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	277073	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	449986	20.00	ng	0.00
76) Chrysene-d12	13.90	240	260041	20.00	ng	0.00
87) Perylene-d12	15.33	264	287764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	746113	91.43	ng	0.00
7) Phenol-d6	6.39	99	907290	91.42	ng	-0.01
23) Nitrobenzene-d5	7.30	82	595285	60.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	291778	80.50	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1218567	64.79	ng	-0.01
79) Terphenyl-d14	12.84	244	1152531	76.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	83141	14.377	ng	# 75
25) Isophorone	7.30	82	585530	34.380	ng	# 63
50) Dimethylphthalate	9.49	163	105645	4.986	ng	100
51) 2,6-Dinitrotoluene	9.77	165	35447	7.530	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	35447	5.810	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	19242	3.271	ng	# 1

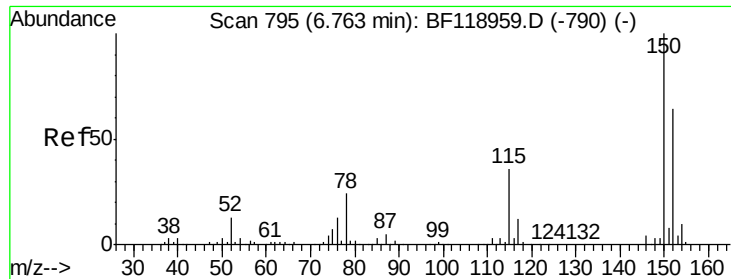
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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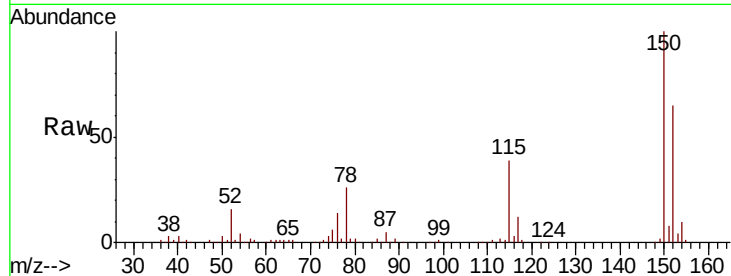


#1

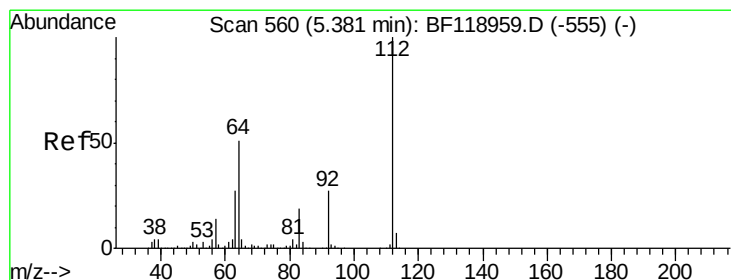
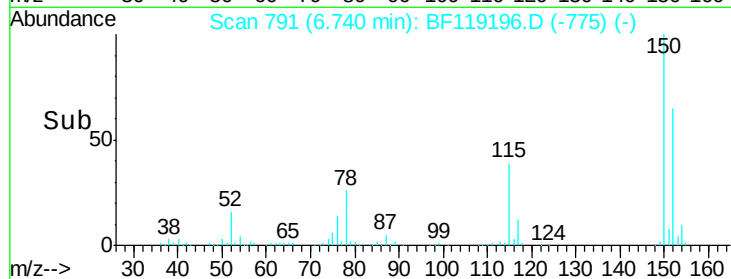
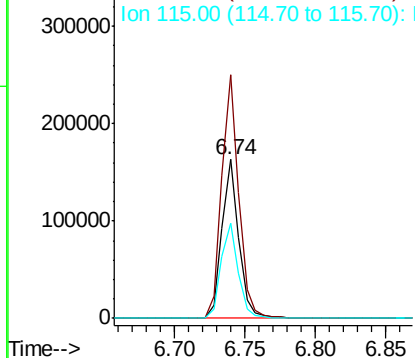
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119196.D
Acq: 4 Mar 2020 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136374
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.6
115 59.5 49.5 74.3



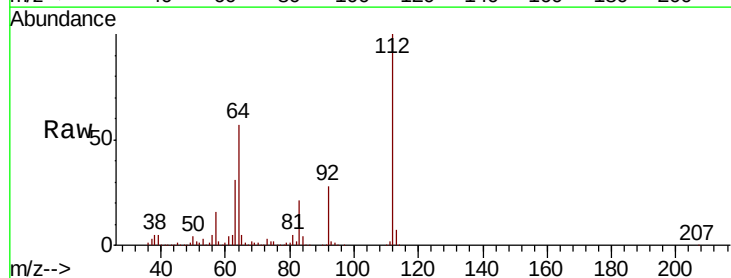
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



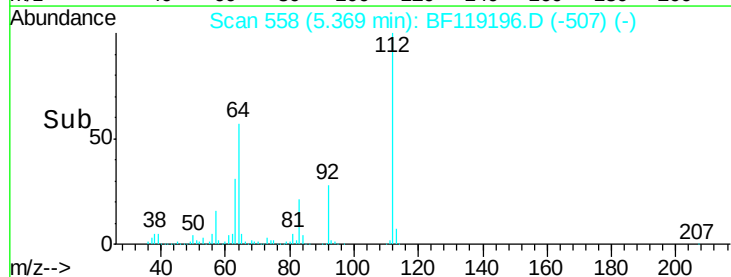
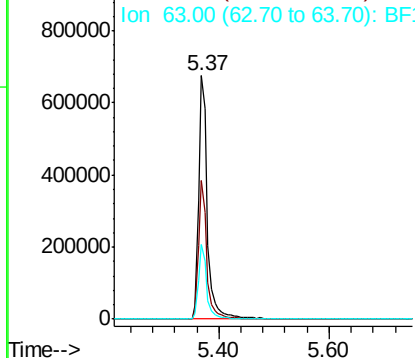
#5

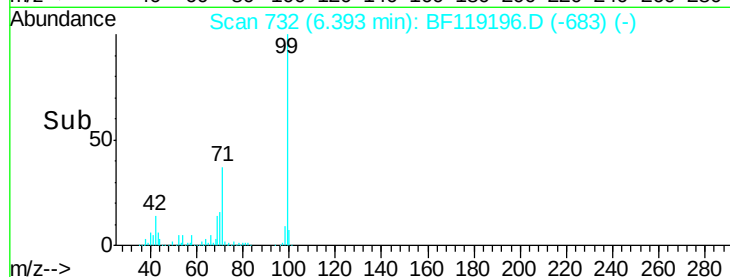
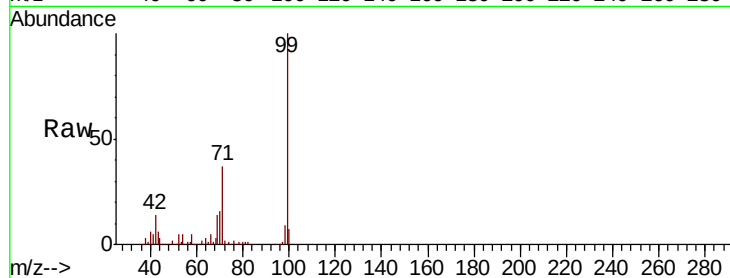
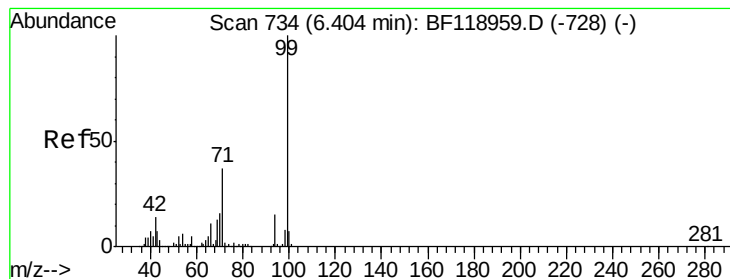
2-Fluorophenol
Concen: 91.431 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119196.D
Acq: 4 Mar 2020 15:54

Tgt Ion:112 Resp: 746113
Ion Ratio Lower Upper
112 100
64 56.8 45.0 67.4
63 30.6 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: 91.419 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119196.D

Acq: 4 Mar 2020 15:54

Instrument :

BNA_F

ClientSampled :

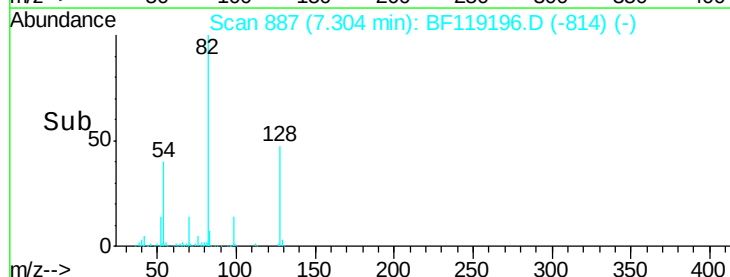
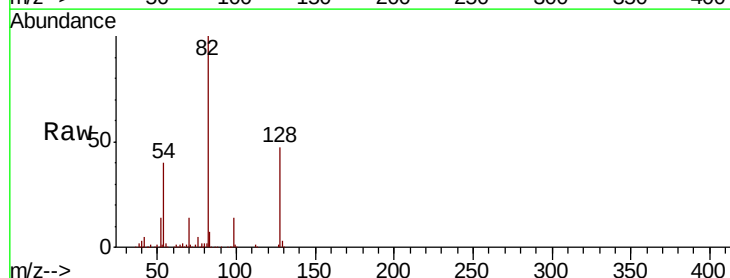
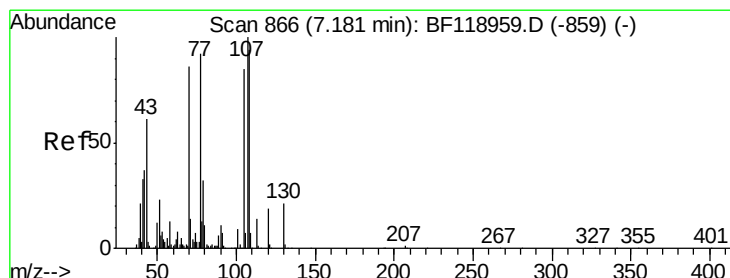
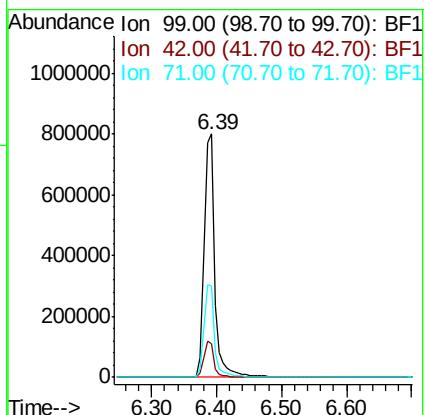
Tot Ion: 99 Resp: 907290

Ion Ratio Lower Upper

99 100

42 14.0 12.6 18.8

71 37.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.377 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119196.D

Acq: 4 Mar 2020 15:54

Tgt Ion: 70 Resp: 83141

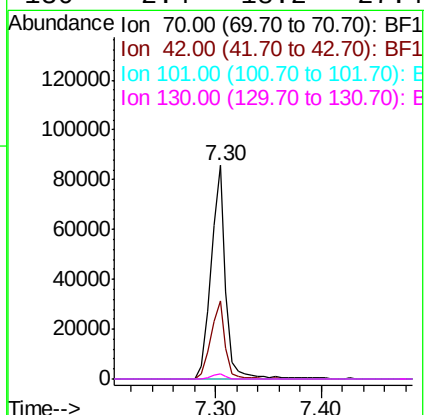
Ion Ratio Lower Upper

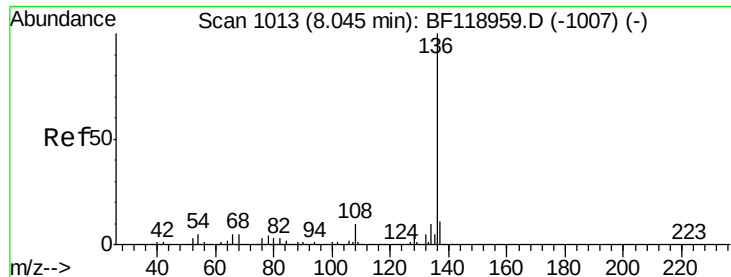
70 100

42 36.6 38.0 57.0#

101 0.0 8.2 12.4#

130 2.4 18.2 27.4#

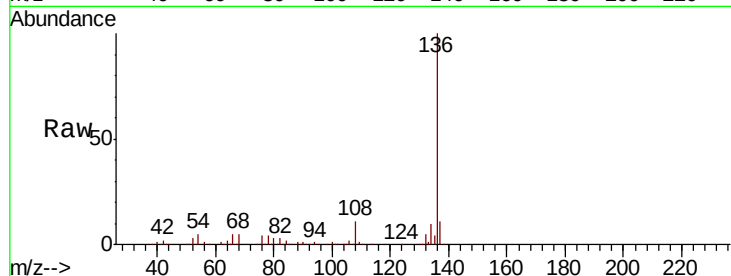




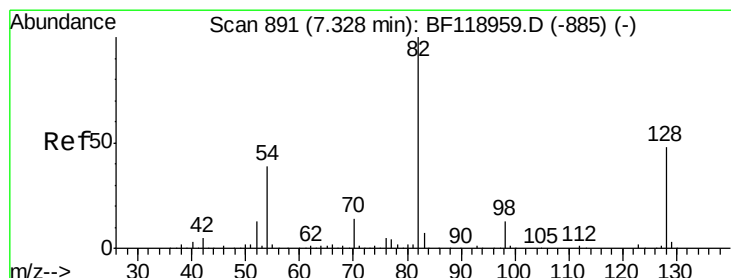
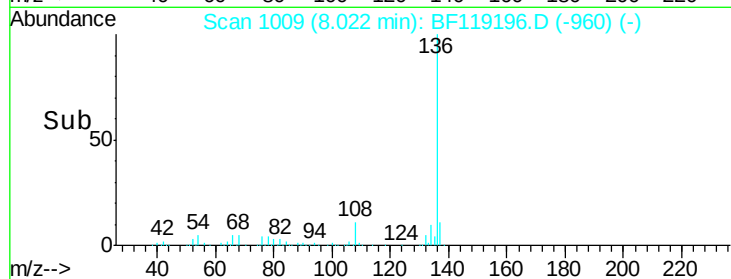
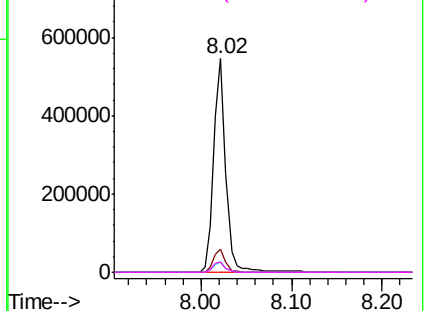
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119196.D
Acq: 4 Mar 2020 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	517794	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 4.9	3.8	5.6	
68 5.1	3.9	5.9	

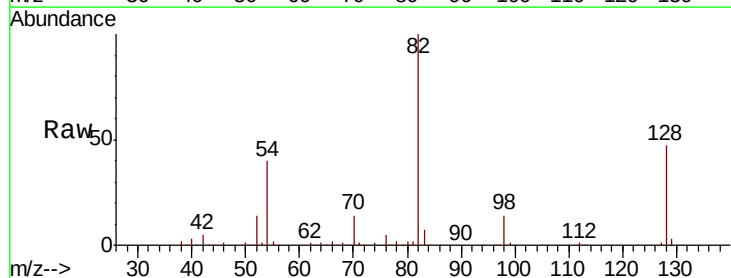


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

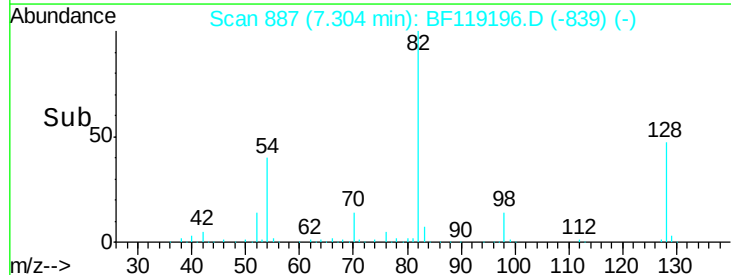
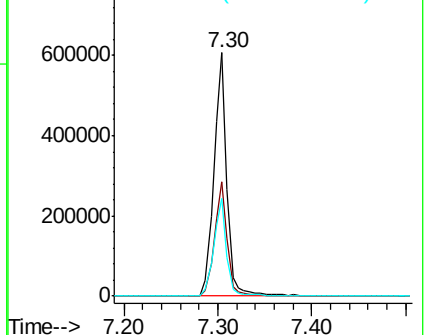


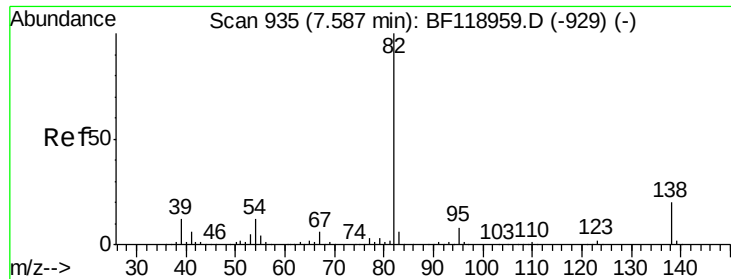
#23
Nitrobenzene-d5
Concen: 60.702 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119196.D
Acq: 4 Mar 2020 15:54

Tgt	Ion: 82	Resp:	595285
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.9	56.9
54	40.3	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: 34.380 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119196.D

Acq: 4 Mar 2020 15:54

Instrument :

BNA_F

ClientSampleId :

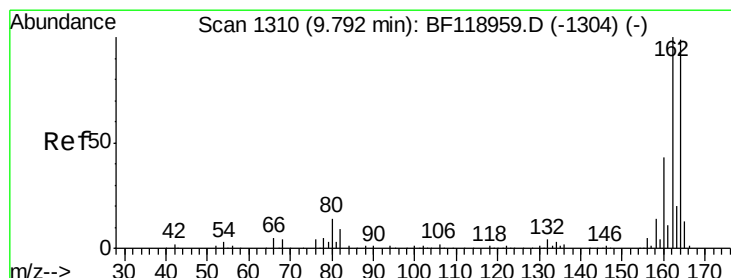
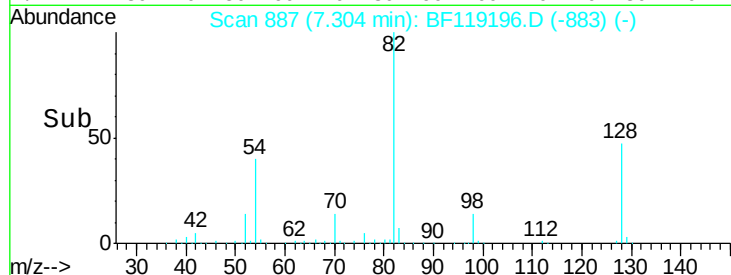
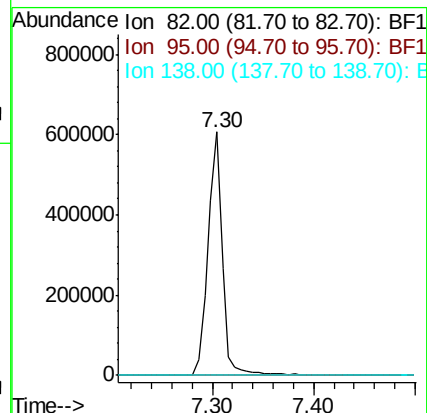
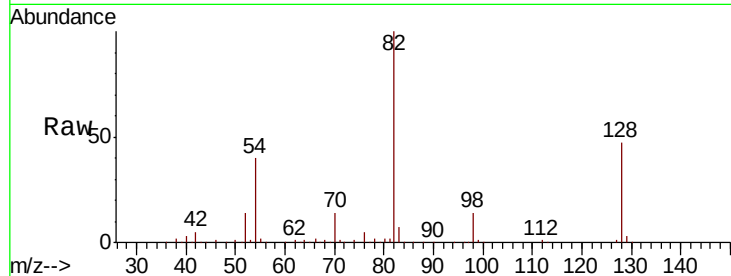
Tot Ion: 82 Resp: 585530

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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119196.D

Acq: 4 Mar 2020 15:54

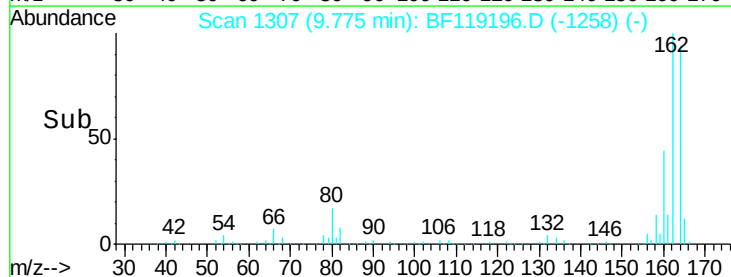
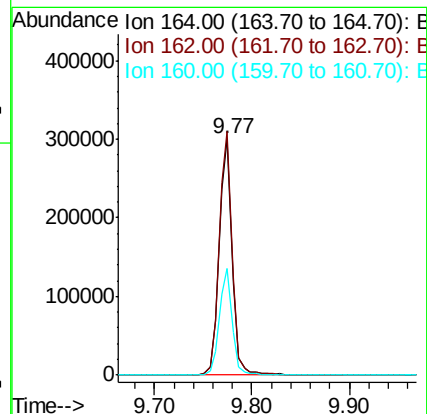
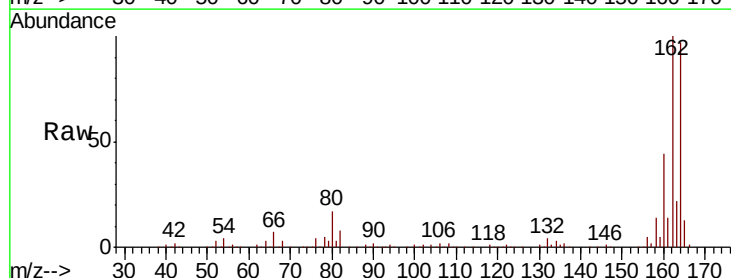
Tgt Ion: 164 Resp: 277073

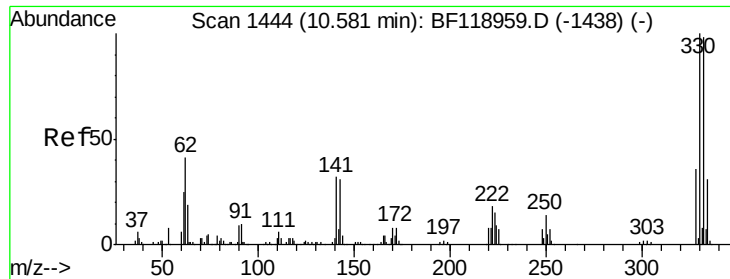
Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

160 44.9 36.0 54.0

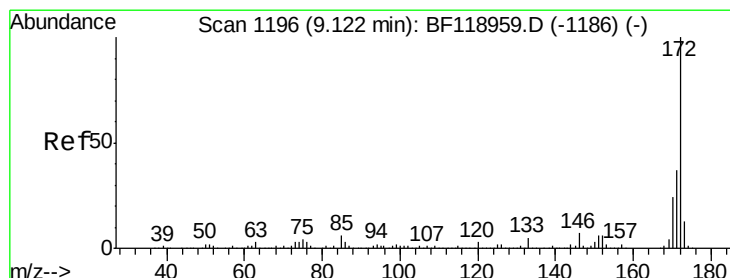
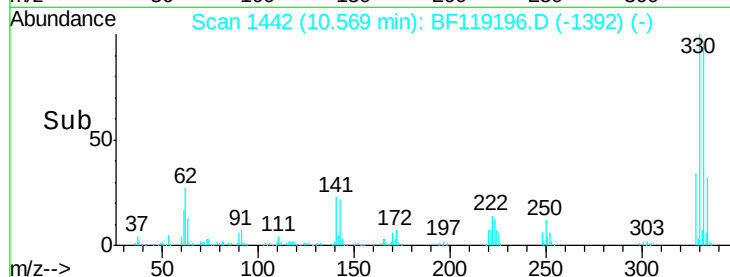
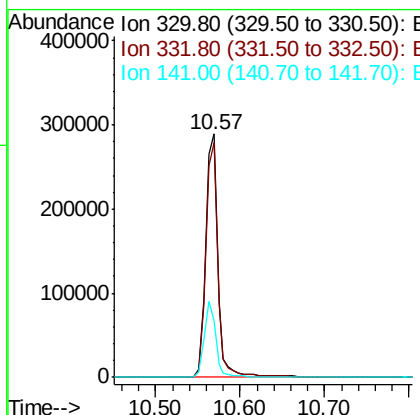
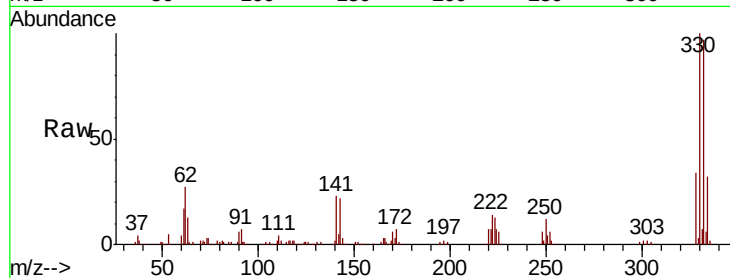




#42
 2,4,6-Tribromophenol
 Concen: 80.500 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119196.D
 Acq: 4 Mar 2020 15:54

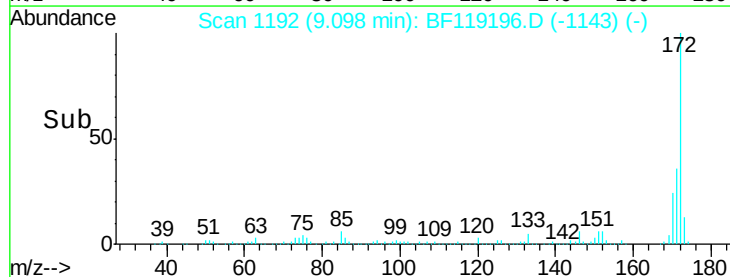
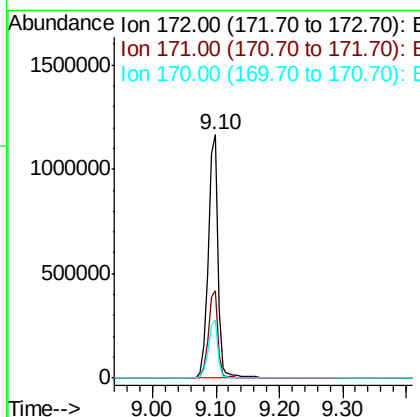
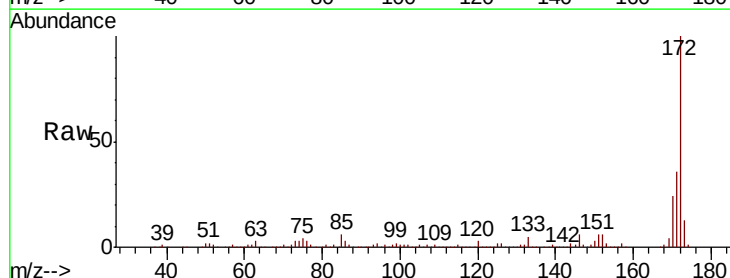
Instrument :
 BNA_F
 ClientSampleId :

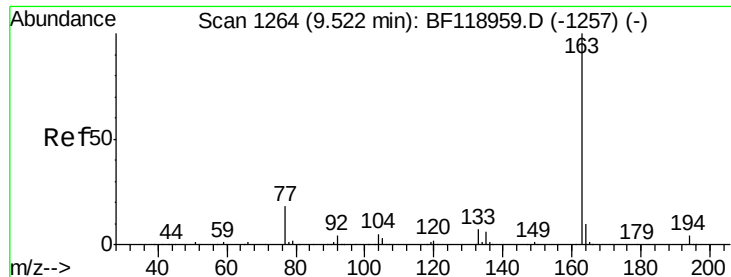
Tot Ion	330	332	141
Resp:	291778		
Ion Ratio	100	95.1	29.7
Lower		76.0	22.9
Upper		114.0	34.3



#45
 2-Fluorobiphenyl
 Concen: 64.790 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119196.D
 Acq: 4 Mar 2020 15:54

Tgt Ion	172	171	170
Resp:	1218567		
Ion Ratio	100	36.2	23.8
Lower		30.6	20.2
Upper		45.8	30.2

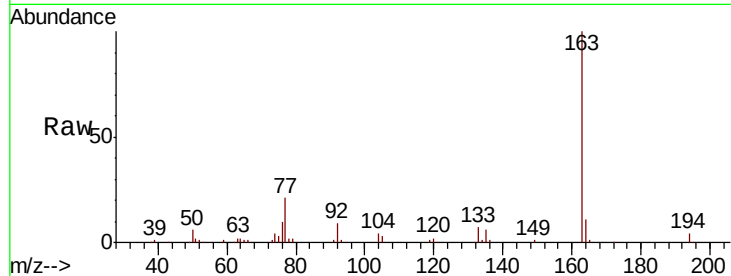




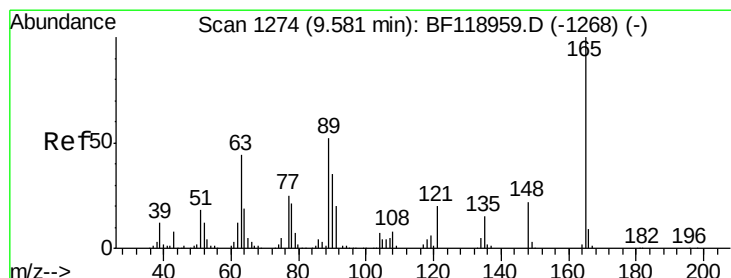
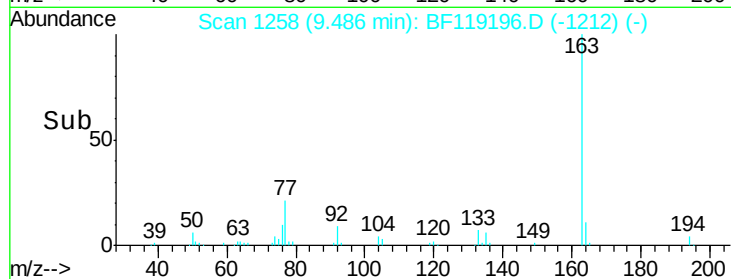
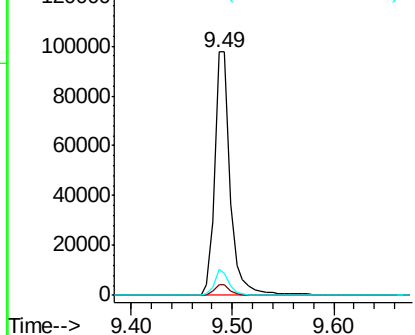
#50
Dimethylphthalate
Concen: 4.986 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119196.D
Acq: 4 Mar 2020 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 105645
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.5 8.4 12.6

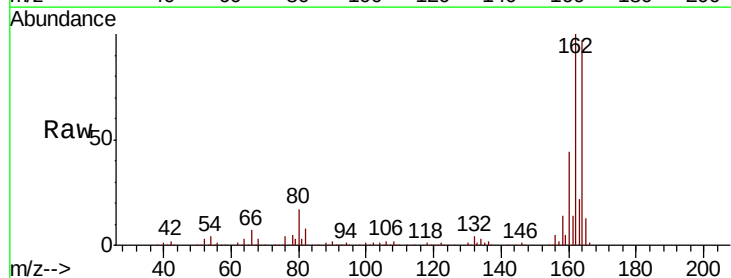


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

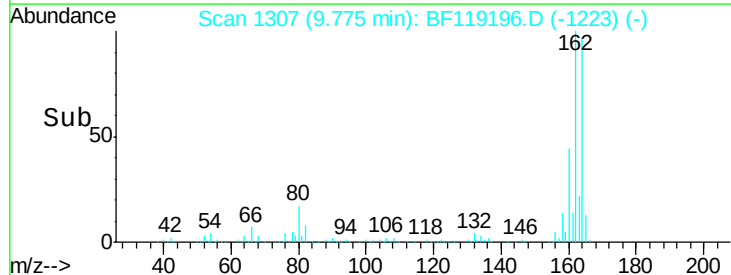
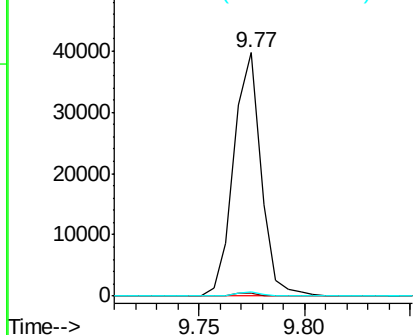


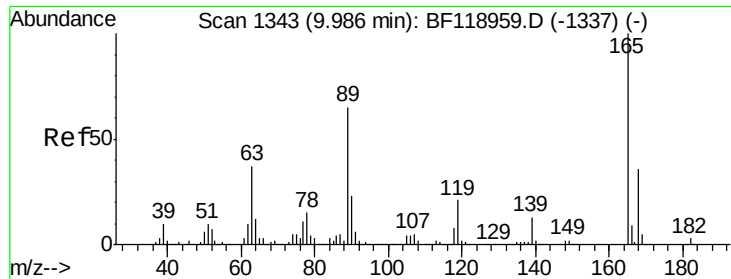
#51
2,6-Dinitrotoluene
Concen: 7.530 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.19 min
Lab File: BF119196.D
Acq: 4 Mar 2020 15:54

Tgt Ion:165 Resp: 35447
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.5 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

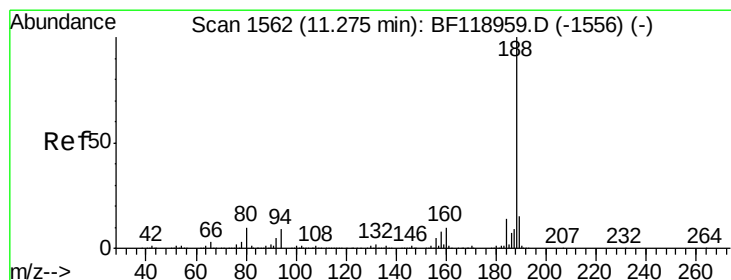
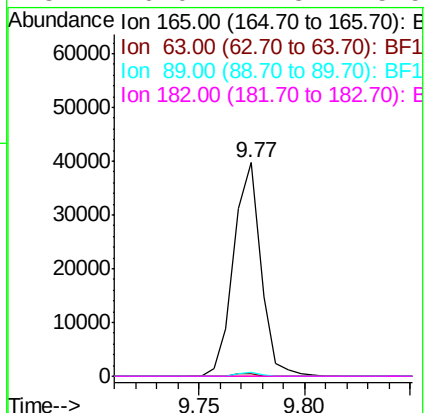
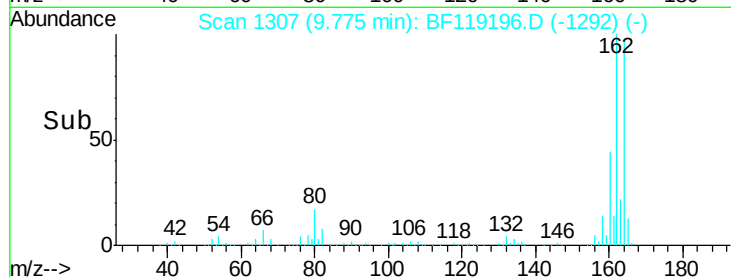
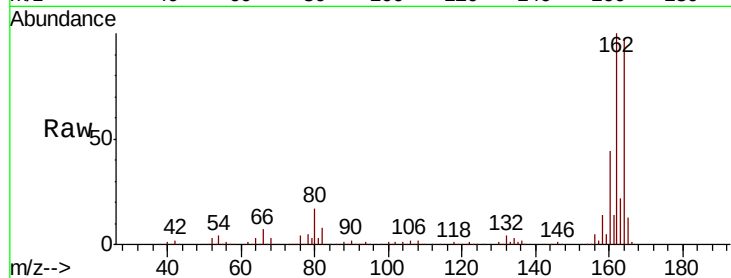




#57
 2,4-Dinitrotoluene
 Concen: 5.810 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119196.D
 Acq: 4 Mar 2020 15:54

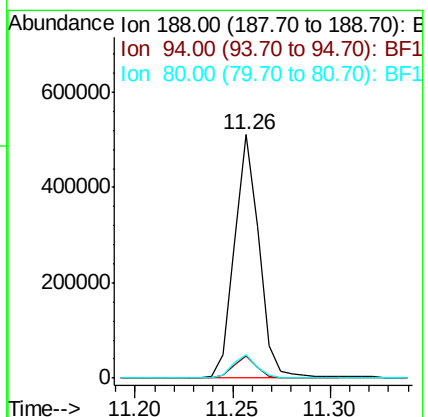
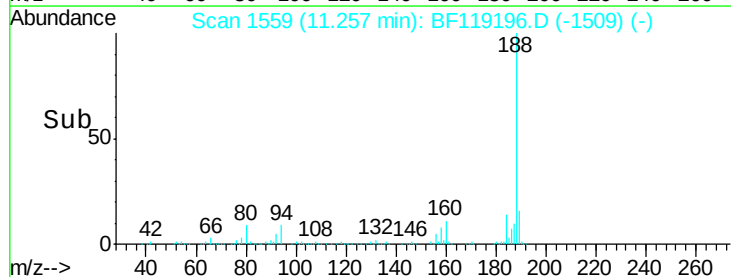
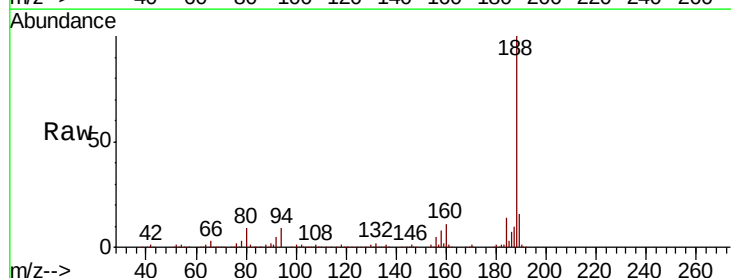
Instrument :
 BNA_F
 ClientSampleId :

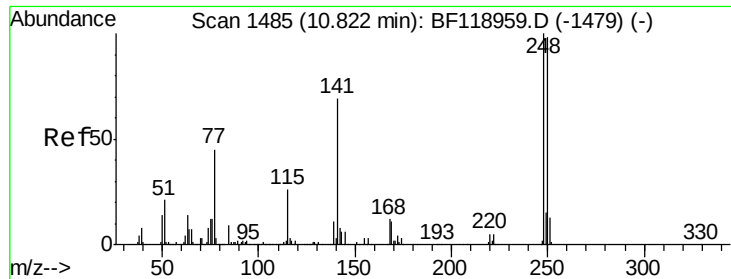
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.5	60.2	90.4#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119196.D
 Acq: 4 Mar 2020 15:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.4	7.8	11.8

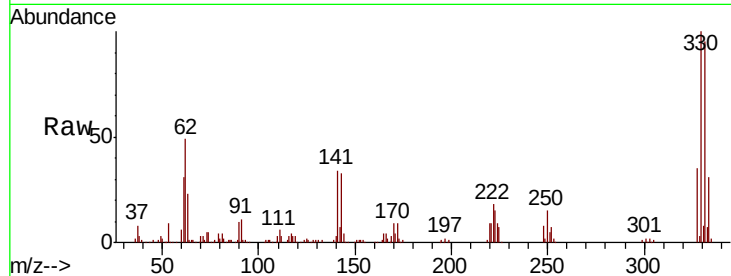




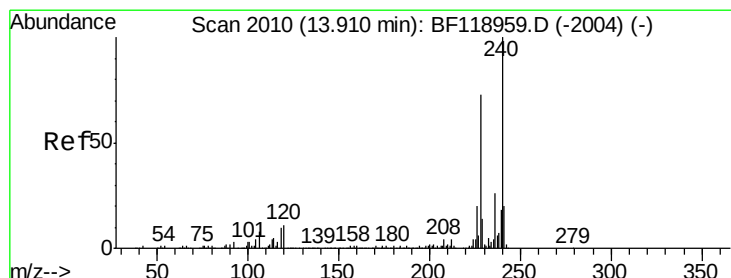
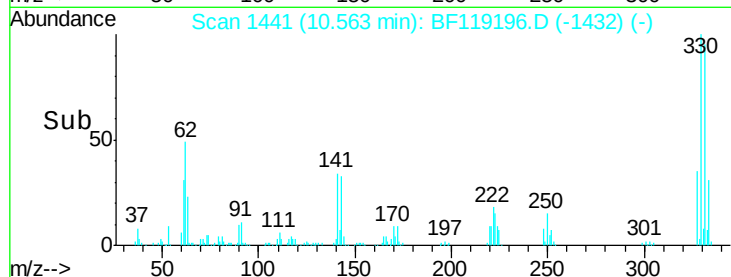
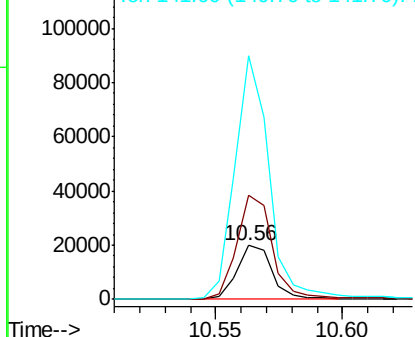
#67
4-Bromophenyl-phenylether
Concen: 3.271 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119196.D
Acq: 4 Mar 2020 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19242
Ion Ratio Lower Upper
248 100
250 193.3 76.7 115.1#
141 451.2 60.7 91.1#

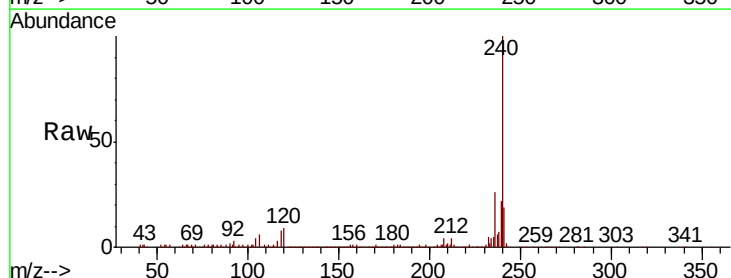


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

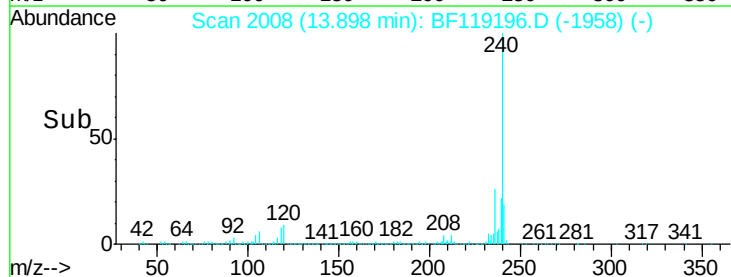
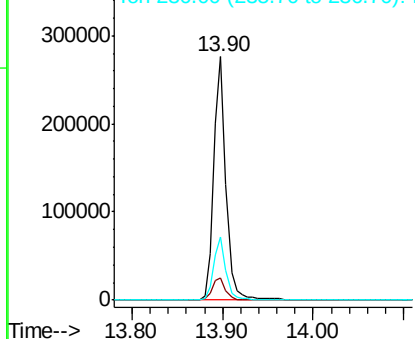


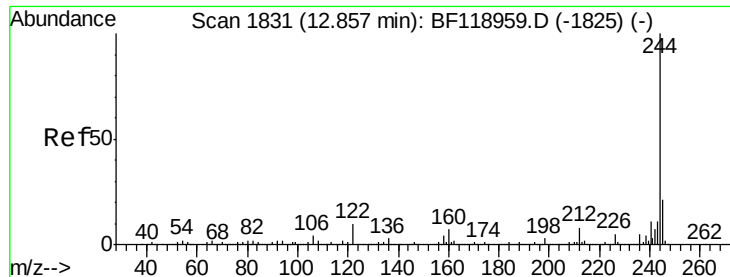
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119196.D
Acq: 4 Mar 2020 15:54

Tgt Ion:240 Resp: 260041
Ion Ratio Lower Upper
240 100
120 9.0 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: 76.307 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119196.D

Acq: 4 Mar 2020 15:54

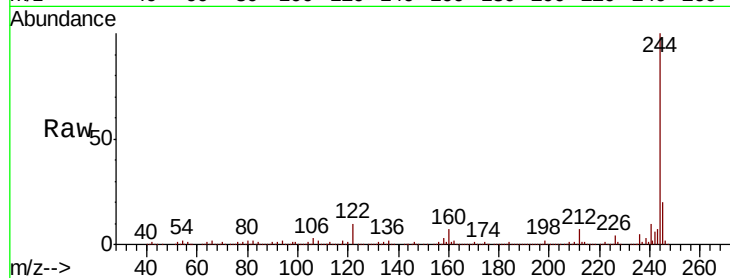
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1152531

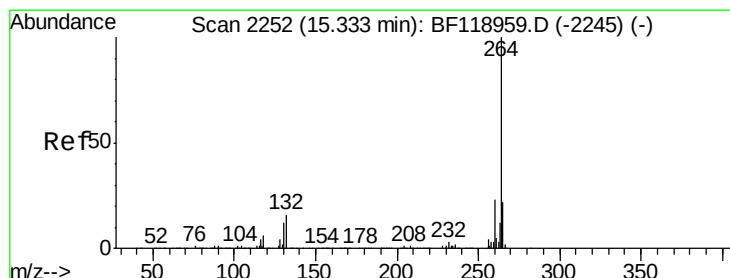
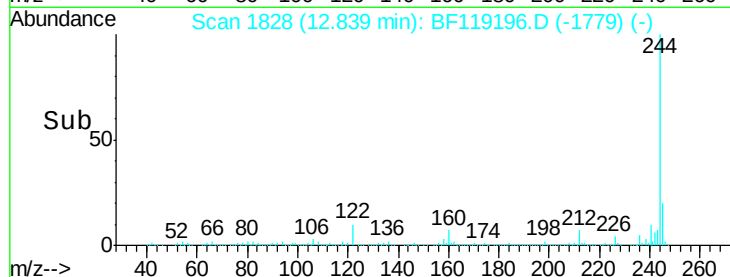
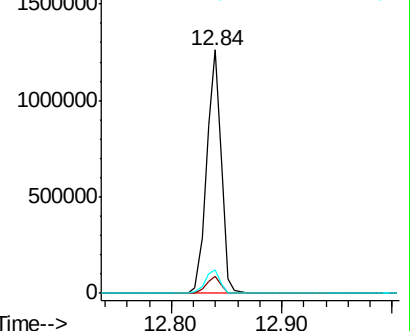
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	9.7	8.2	12.2



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: 15.33 min Scan# 2251

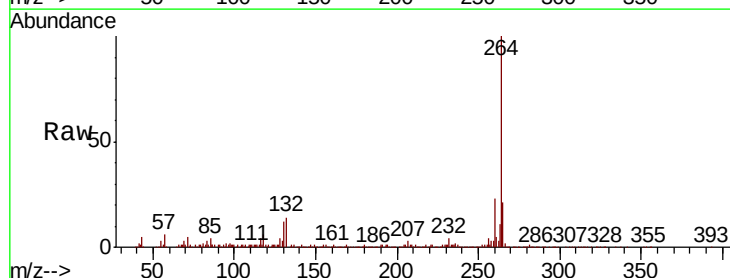
Delta R.T. 0.01 min

Lab File: BF119196.D

Acq: 4 Mar 2020 15:54

Tgt Ion:264 Resp: 287764

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.5	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

