

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119098.D
 Acq On : 26 Feb 2020 16:53
 Operator : CG/JU
 Sample : L1682-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 17:40:27 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

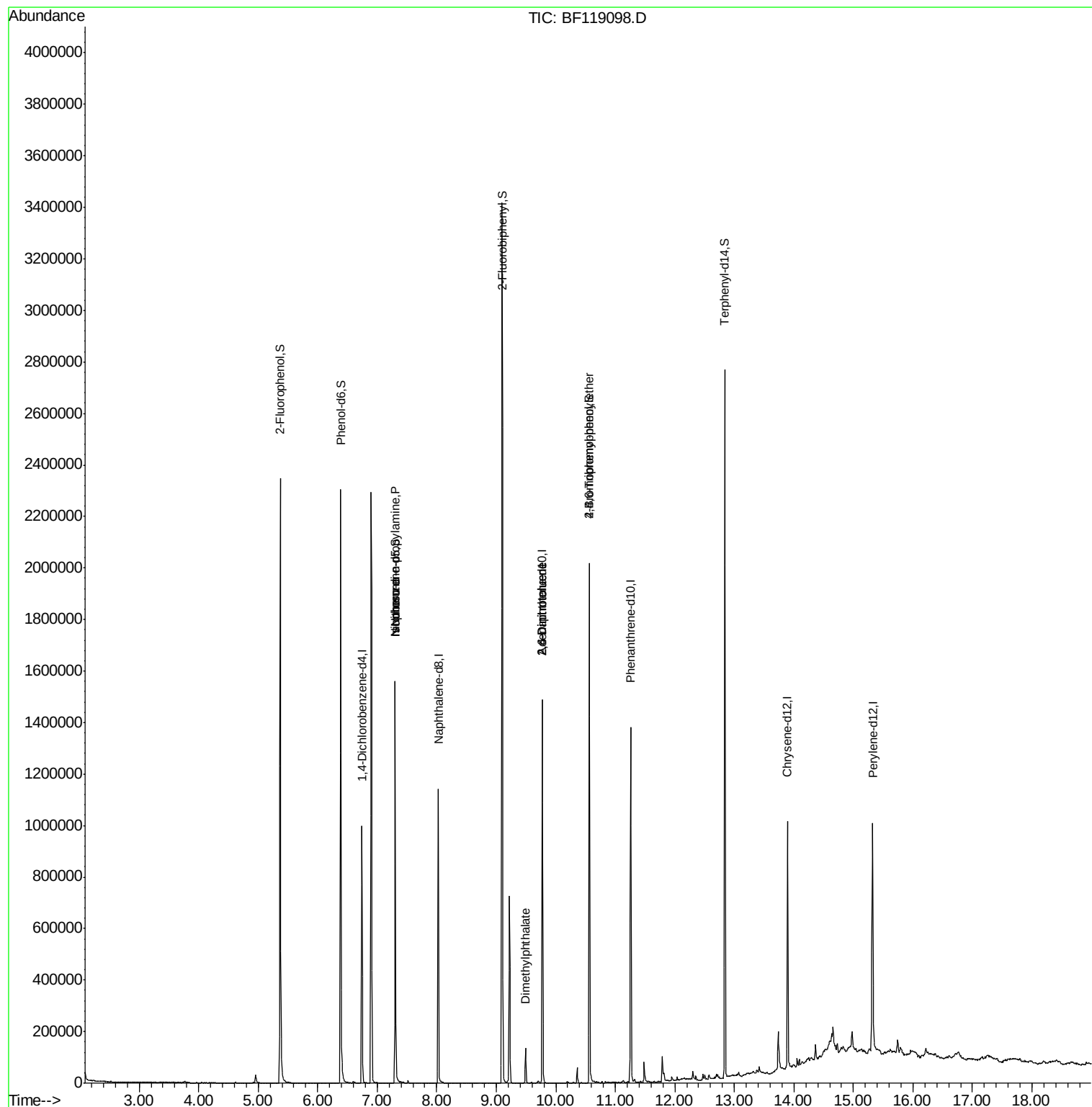
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	154914	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	586348	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	303026	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	502200	20.00	ng	0.00
76) Chrysene-d12	13.89	240	335734	20.00	ng	-0.01
87) Perylene-d12	15.32	264	397233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	698095	75.31	ng	0.00
7) Phenol-d6	6.39	99	840398	74.54	ng	-0.02
23) Nitrobenzene-d5	7.30	82	549325	49.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	261299	65.92	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1105637	53.75	ng	-0.01
79) Terphenyl-d14	12.84	244	1016075	52.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	74491	11.339	ng	# 76
25) Isophorone	7.30	82	539061	27.951	ng	# 63
50) Dimethylphthalate	9.49	163	56583	2.442	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	39297	7.633	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	39297	5.889	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	17154	2.613	ng	# 1

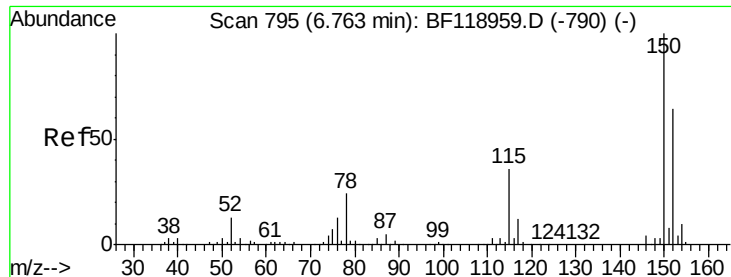
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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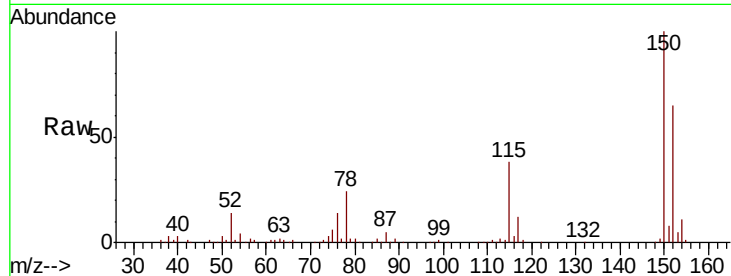


#1

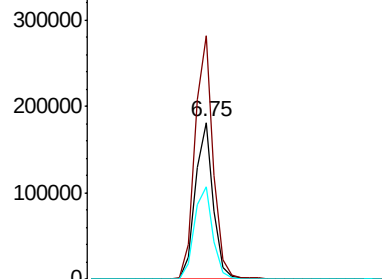
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Instrument :
BNA_F
ClientSampleId :

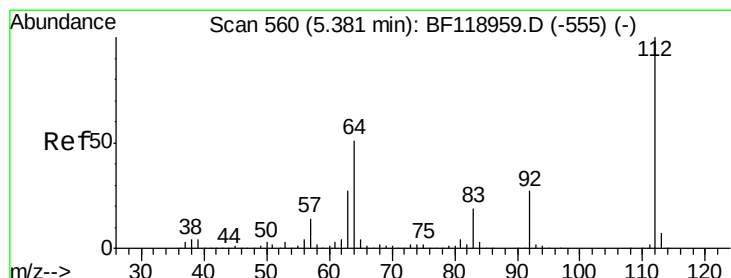
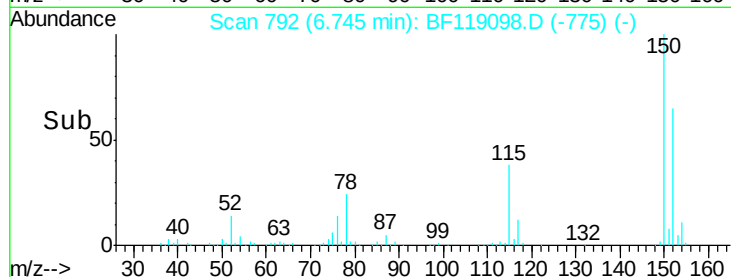
Tot Ion:152 Resp: 154914
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.6
115 58.9 49.5 74.3



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



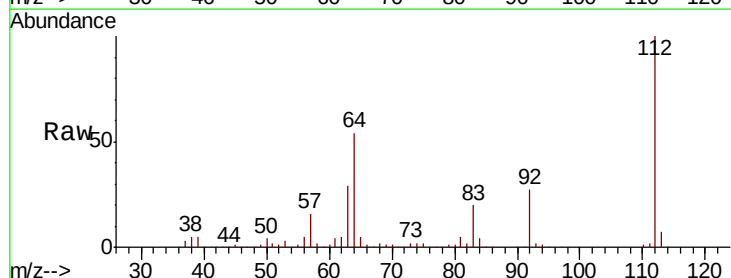
Time-->



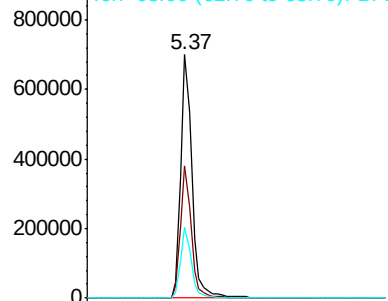
#5

2-Fluorophenol
Concen: 75.309 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

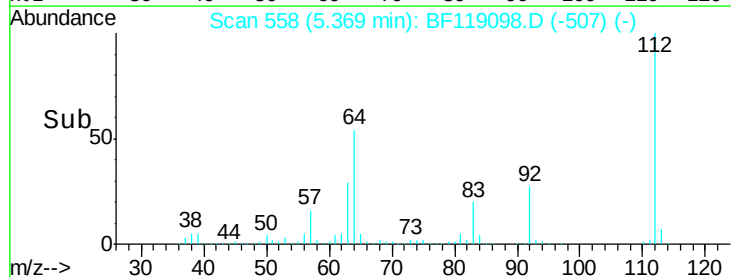
Tgt Ion:112 Resp: 698095
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 29.3 24.2 36.4

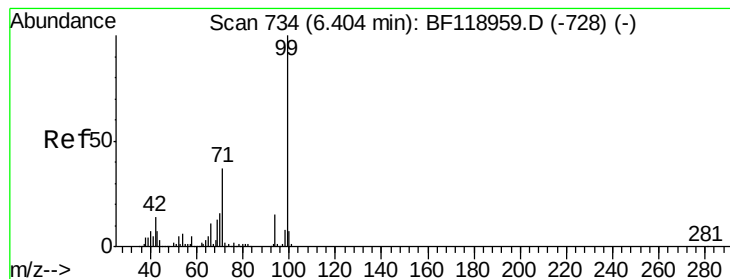


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 74.545 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

Instrument :

BNA_F

ClientSampleId :

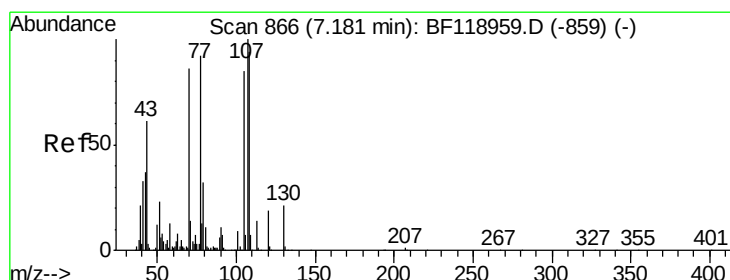
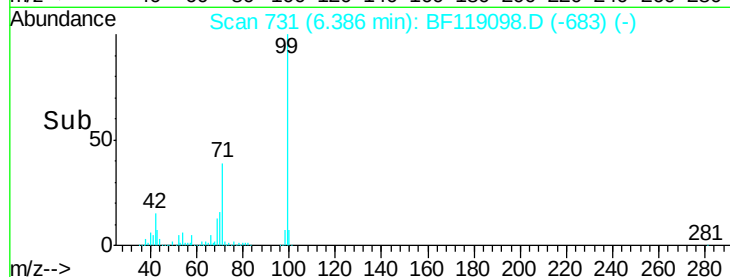
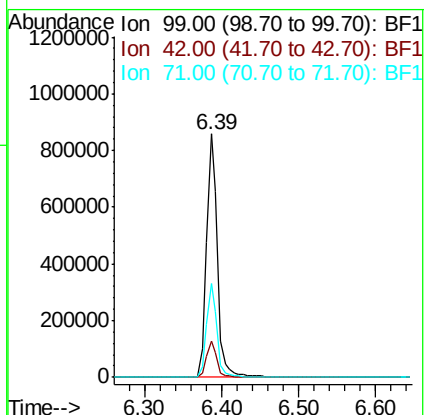
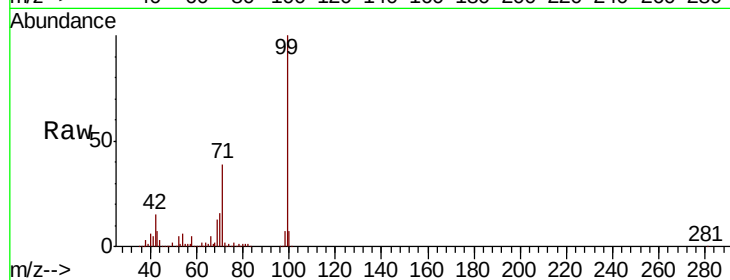
Tot Ion: 99 Resp: 840398

Ion Ratio Lower Upper

99 100

42 14.9 12.6 18.8

71 38.5 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.339 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

Tgt Ion: 70 Resp: 74491

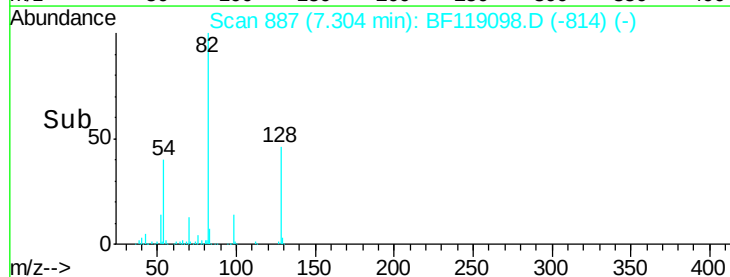
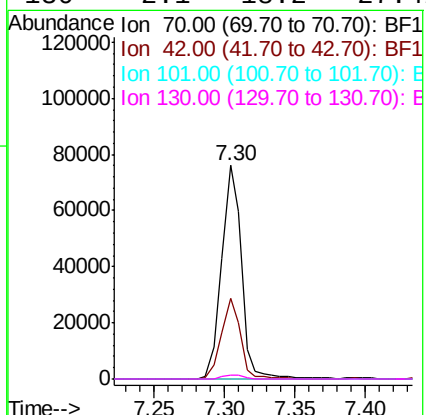
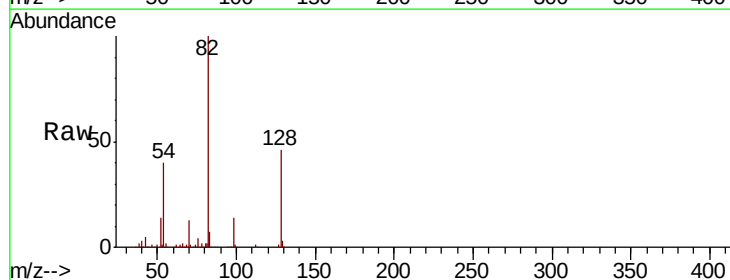
Ion Ratio Lower Upper

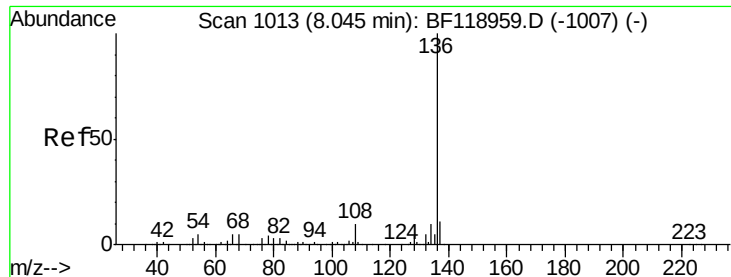
70 100

42 37.6 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

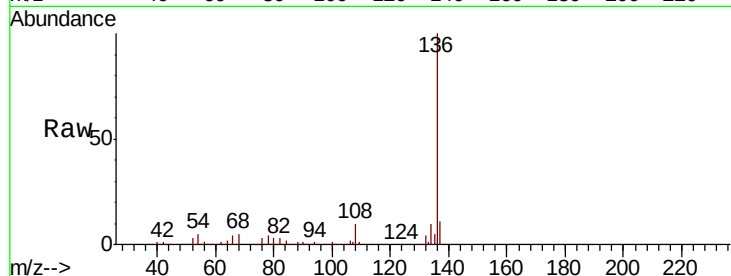




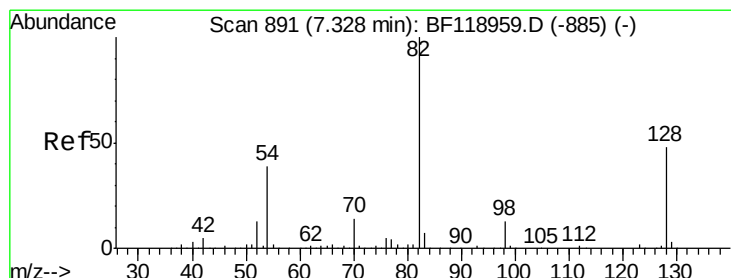
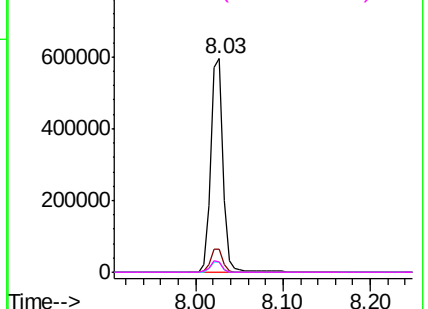
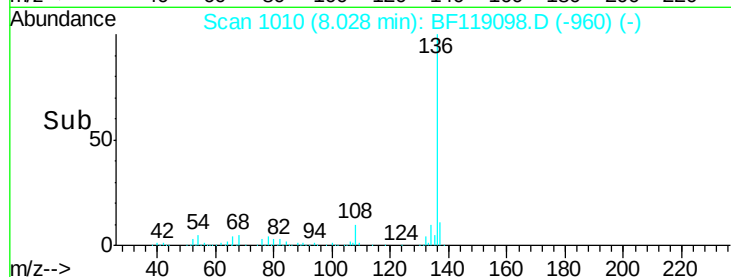
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	586348
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	4.5	3.8 5.6
68	5.1	3.9 5.9

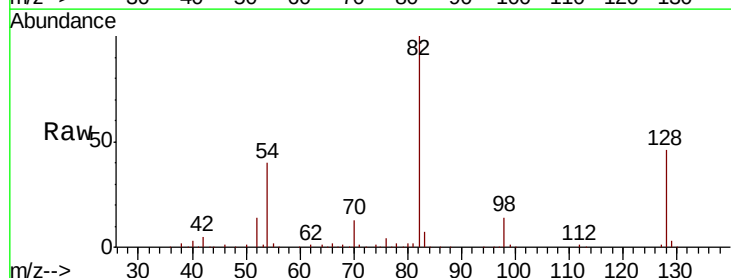


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

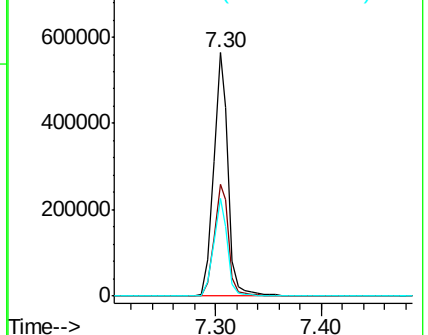
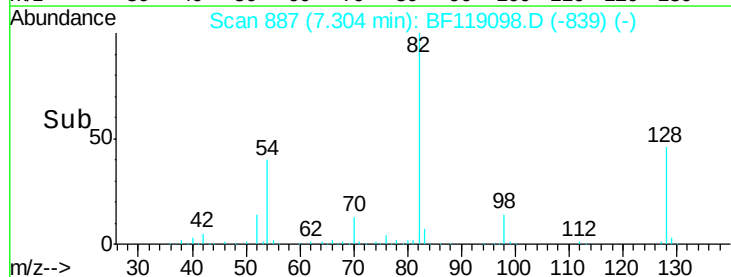


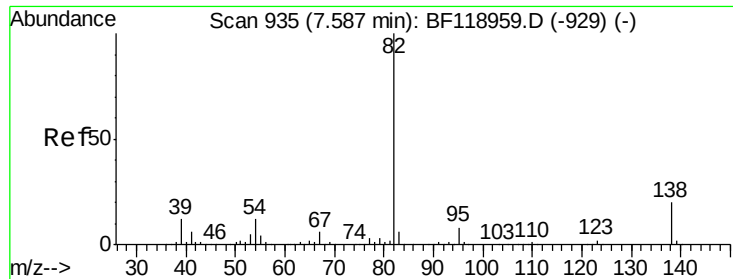
#23
Nitrobenzene-d5
Concen: 49.466 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Tgt Ion: 82	Resp:	549325
Ion	Ratio	Lower Upper
82	100	
128	45.8	37.9 56.9
54	40.1	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

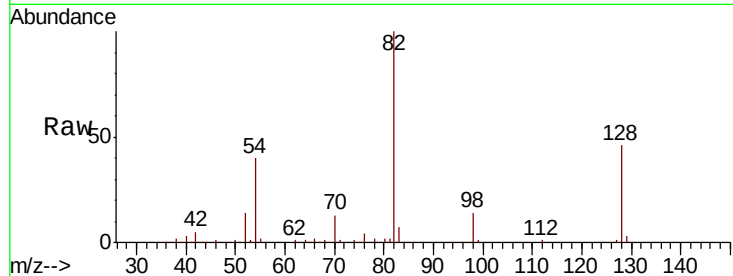




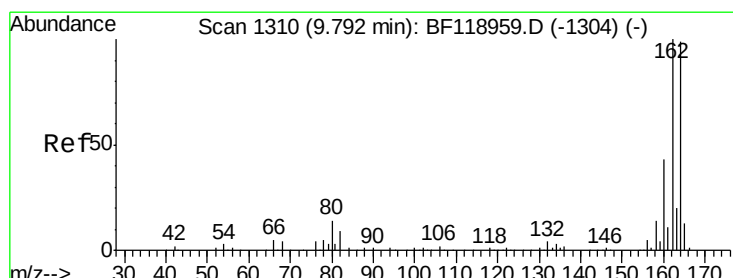
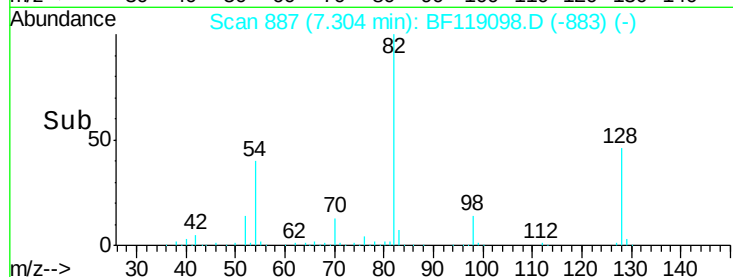
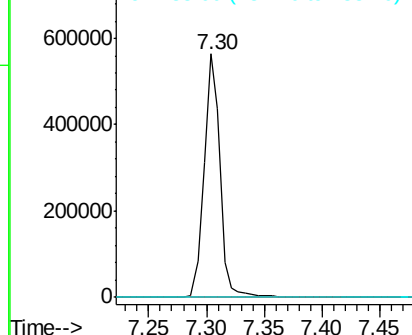
#25
Isophorone
Concen: 27.951 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 539061
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#

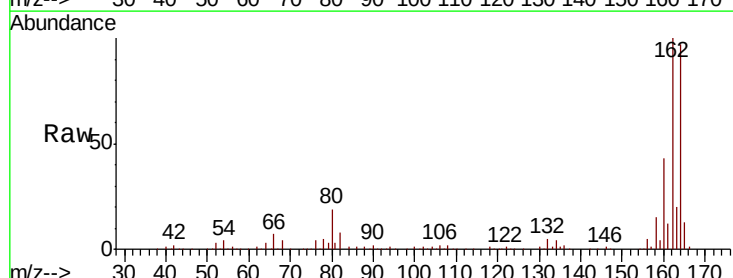


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

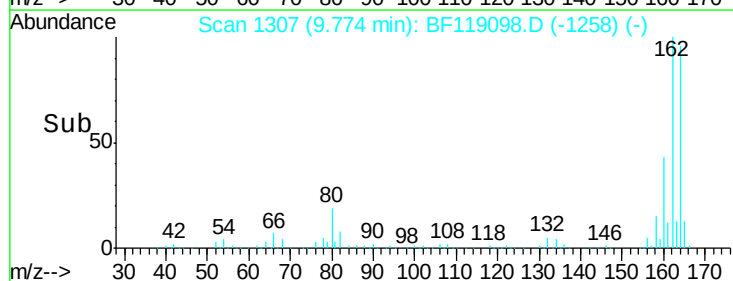
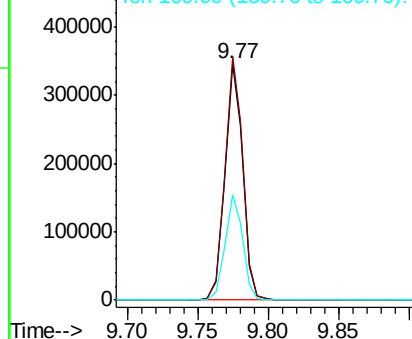


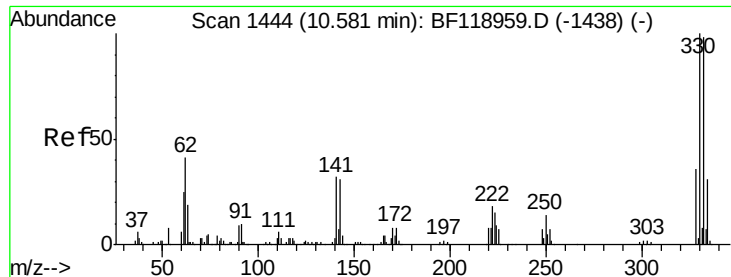
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Tgt Ion: 164 Resp: 303026
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.8
160 44.5 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

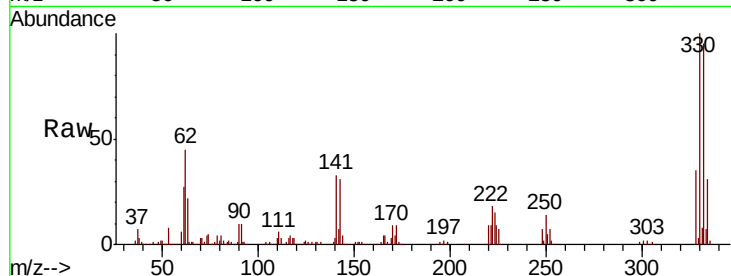




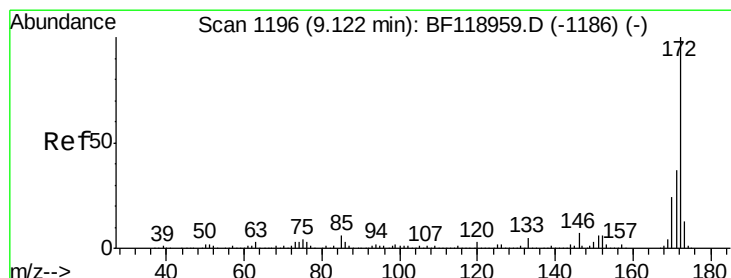
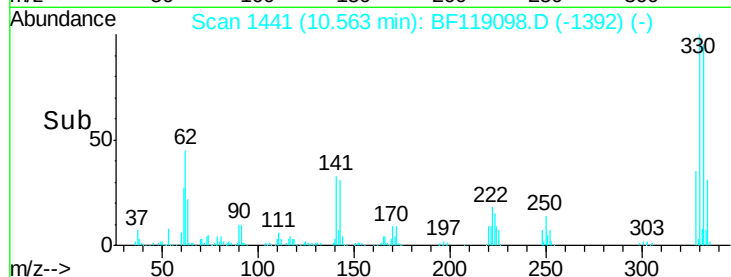
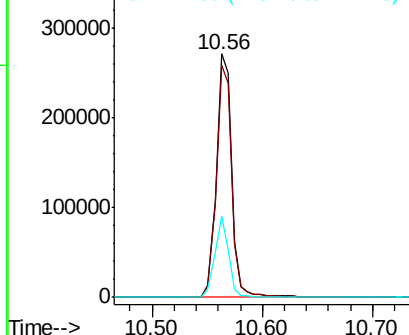
#42
 2,4,6-Tribromophenol
 Concen: 65.917 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119098.D
 Acq: 26 Feb 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	29.9	22.9	34.3

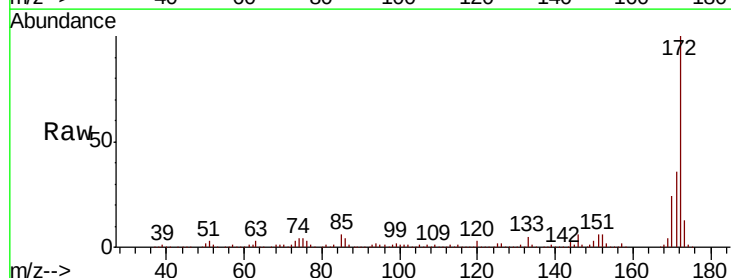


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

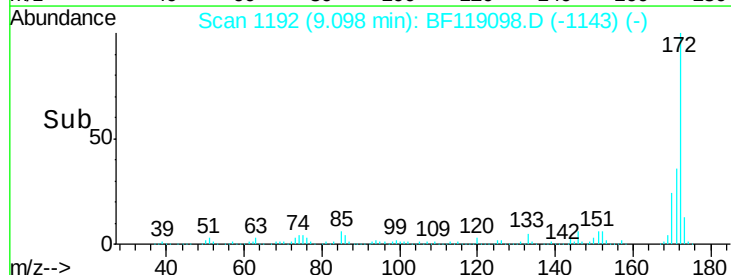
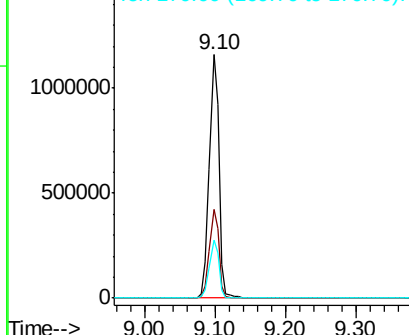


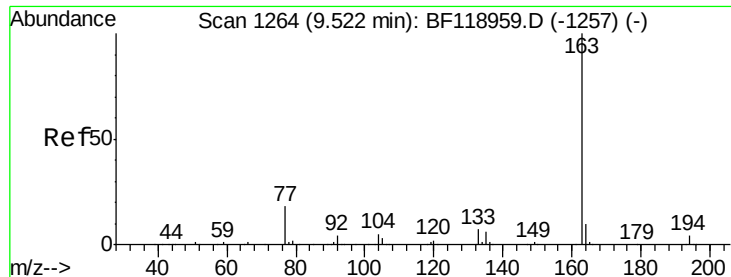
#45
 2-Fluorobiphenyl
 Concen: 53.751 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119098.D
 Acq: 26 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	23.7	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

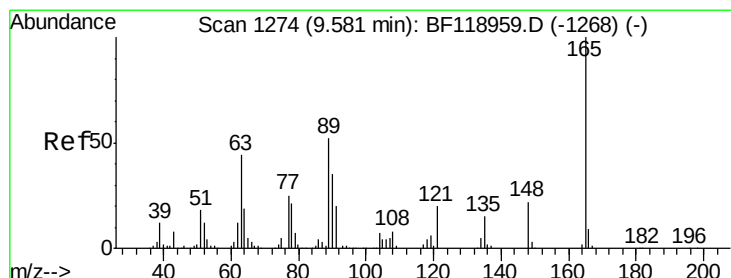
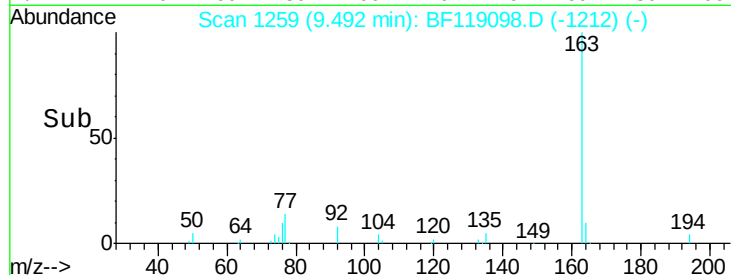
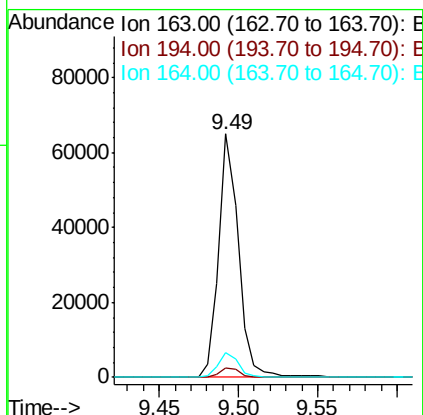
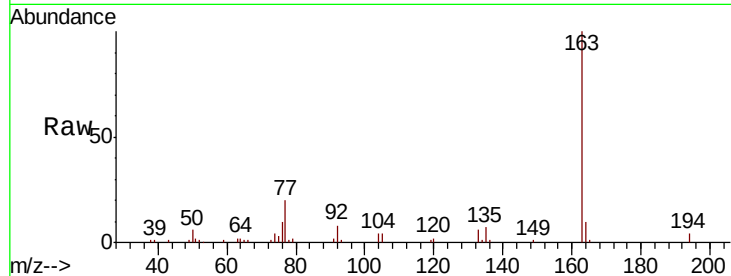




#50
Dimethylphthalate
Concen: 2.442 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

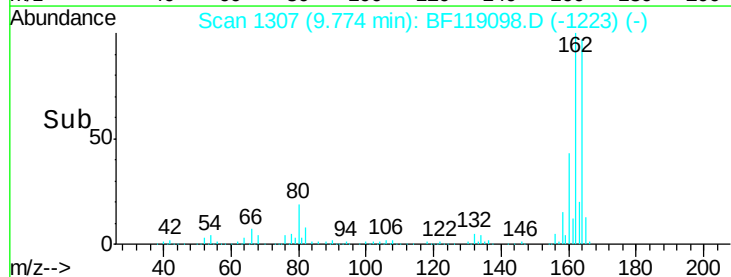
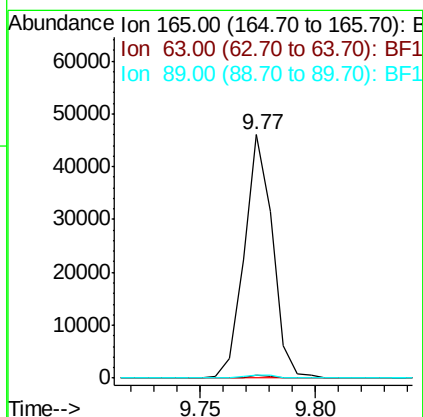
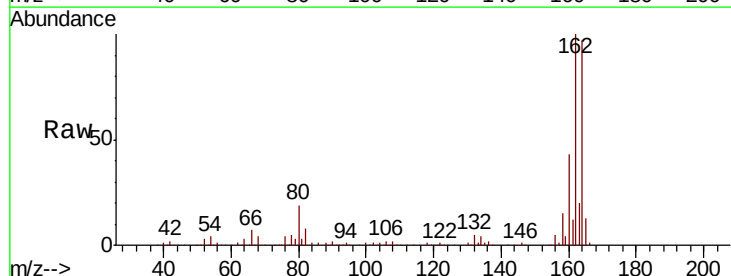
Instrument :
BNA_F
ClientSampleId :

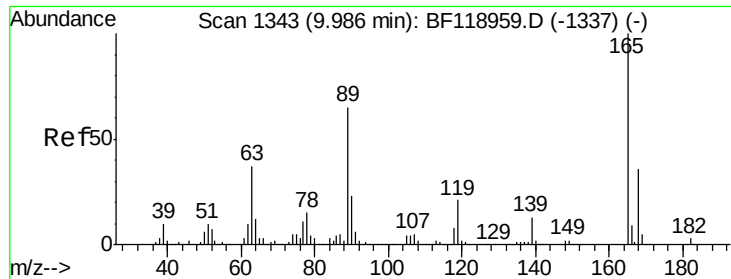
Tot Ion:163 Resp: 56583
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.9 8.4 12.6



#51
2,6-Dinitrotoluene
Concen: 7.633 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.19 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Tgt Ion:165 Resp: 39297
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.3 38.3 57.5#

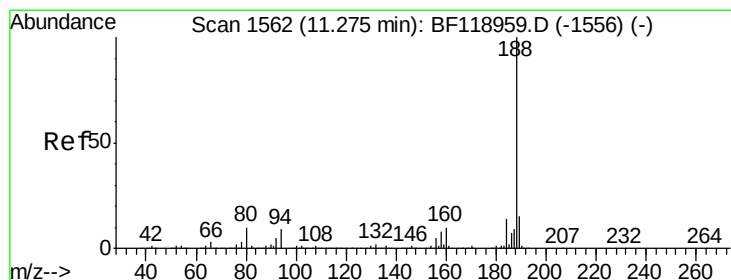
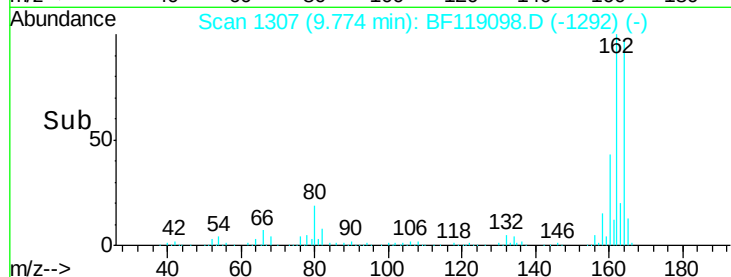
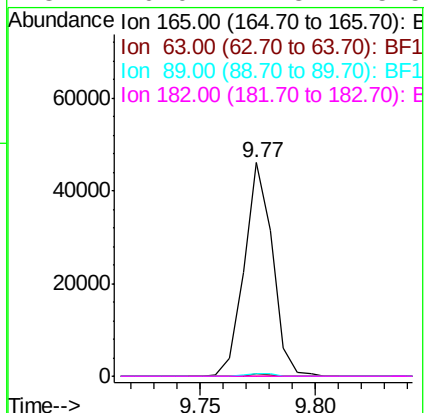
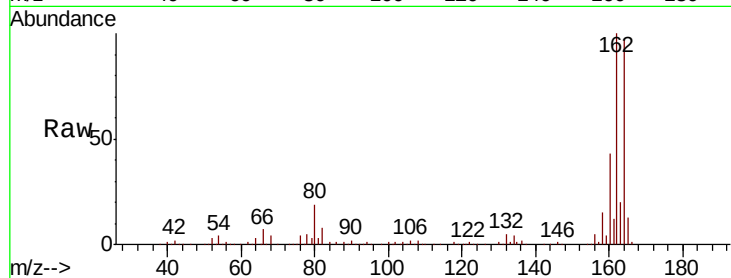




#57
 2,4-Dinitrotoluene
 Concen: 5.889 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119098.D
 Acq: 26 Feb 2020 16:53

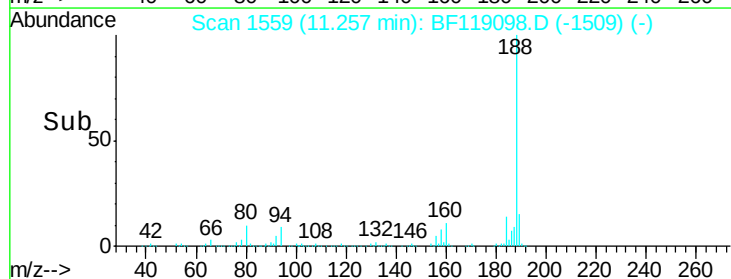
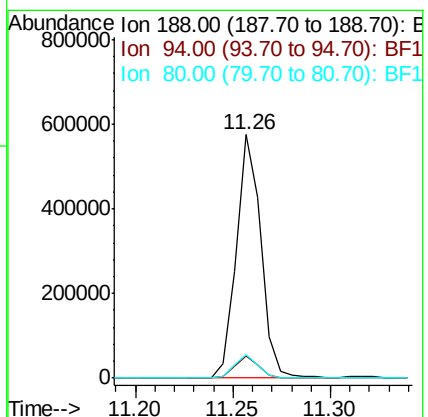
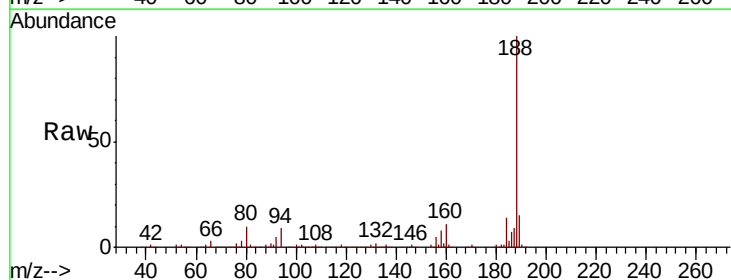
Instrument :
 BNA_F
 ClientSampleId :

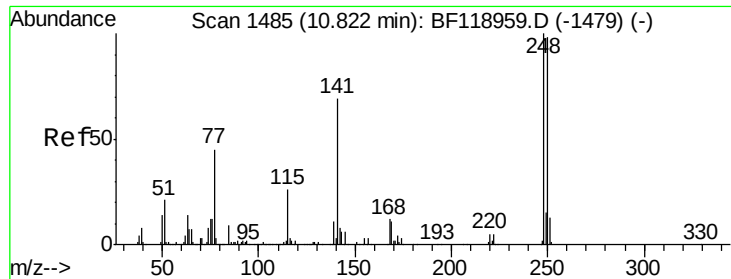
Tot Ion:	165	Resp:	39297
Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.3	63.5#
89	1.3	60.2	90.4#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119098.D
 Acq: 26 Feb 2020 16:53

Tgt Ion:	188	Resp:	502200
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.6	7.8	11.8

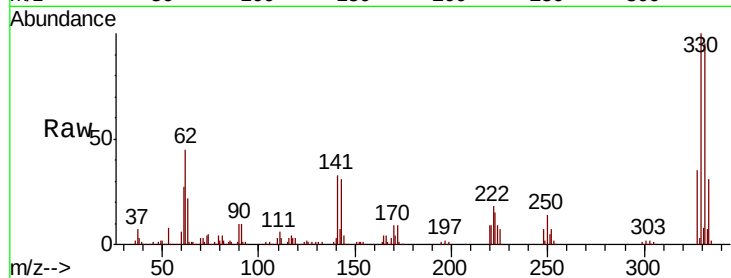




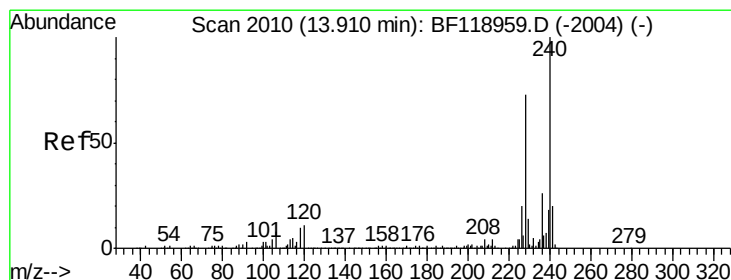
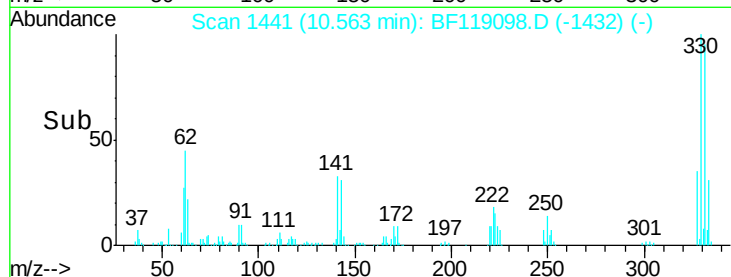
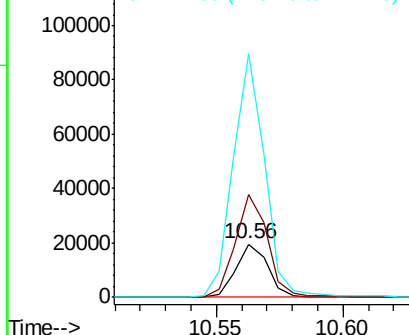
#67
4-Bromophenyl-phenylether
Concen: 2.613 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17154
Ion Ratio Lower Upper
248 100
250 193.9 76.7 115.1#
141 458.6 60.7 91.1#

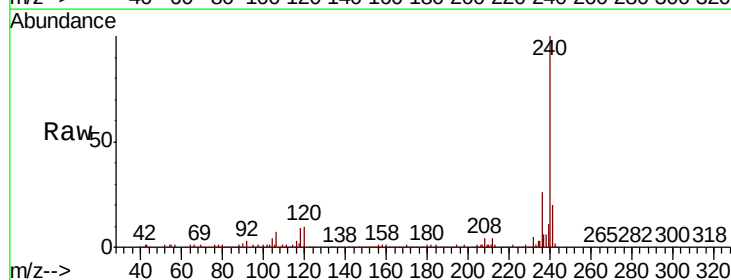


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

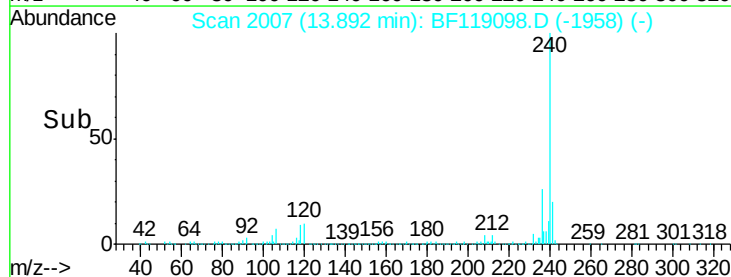
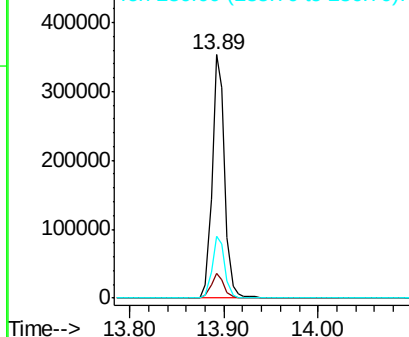


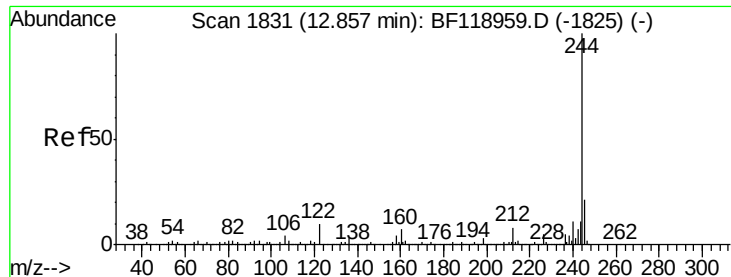
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Tgt Ion:240 Resp: 335734
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.5 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: 52.105 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

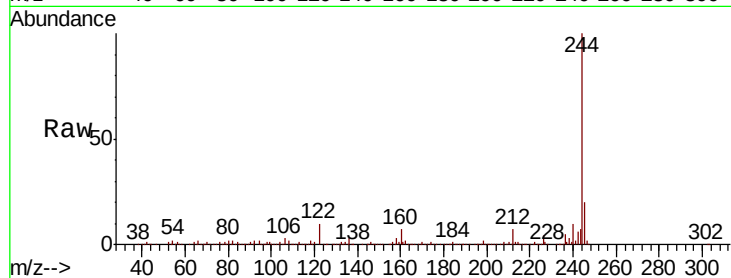
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1016075

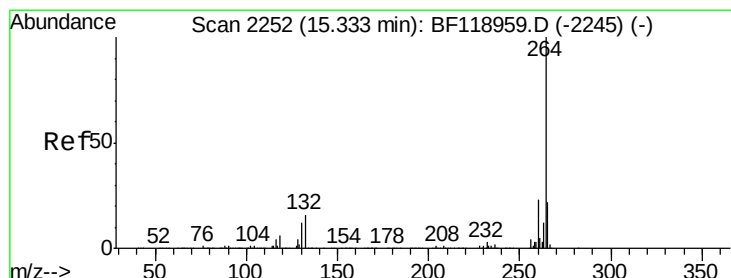
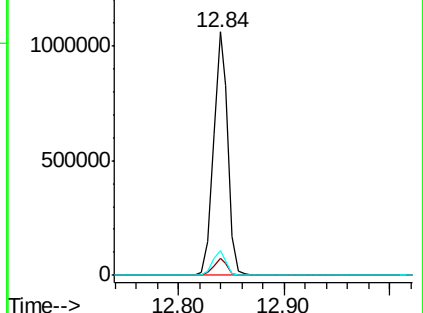
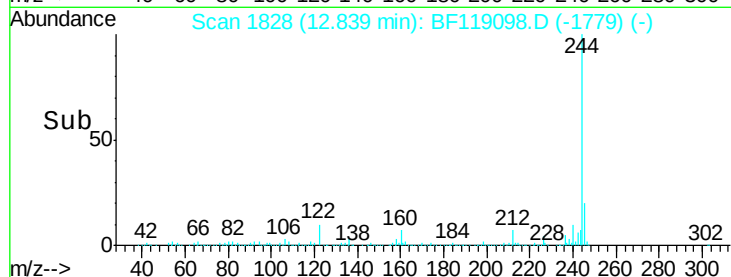
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	10.2	8.2	12.2



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: 15.32 min Scan# 2250

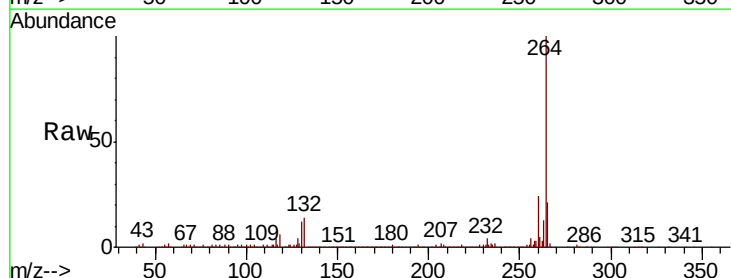
Delta R.T. -0.00 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

Tgt Ion:264 Resp: 397233

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.2	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

