

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119141.D
 Acq On : 28 Feb 2020 20:24
 Operator : CG/JU
 Sample : L1700-03RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:40:30 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

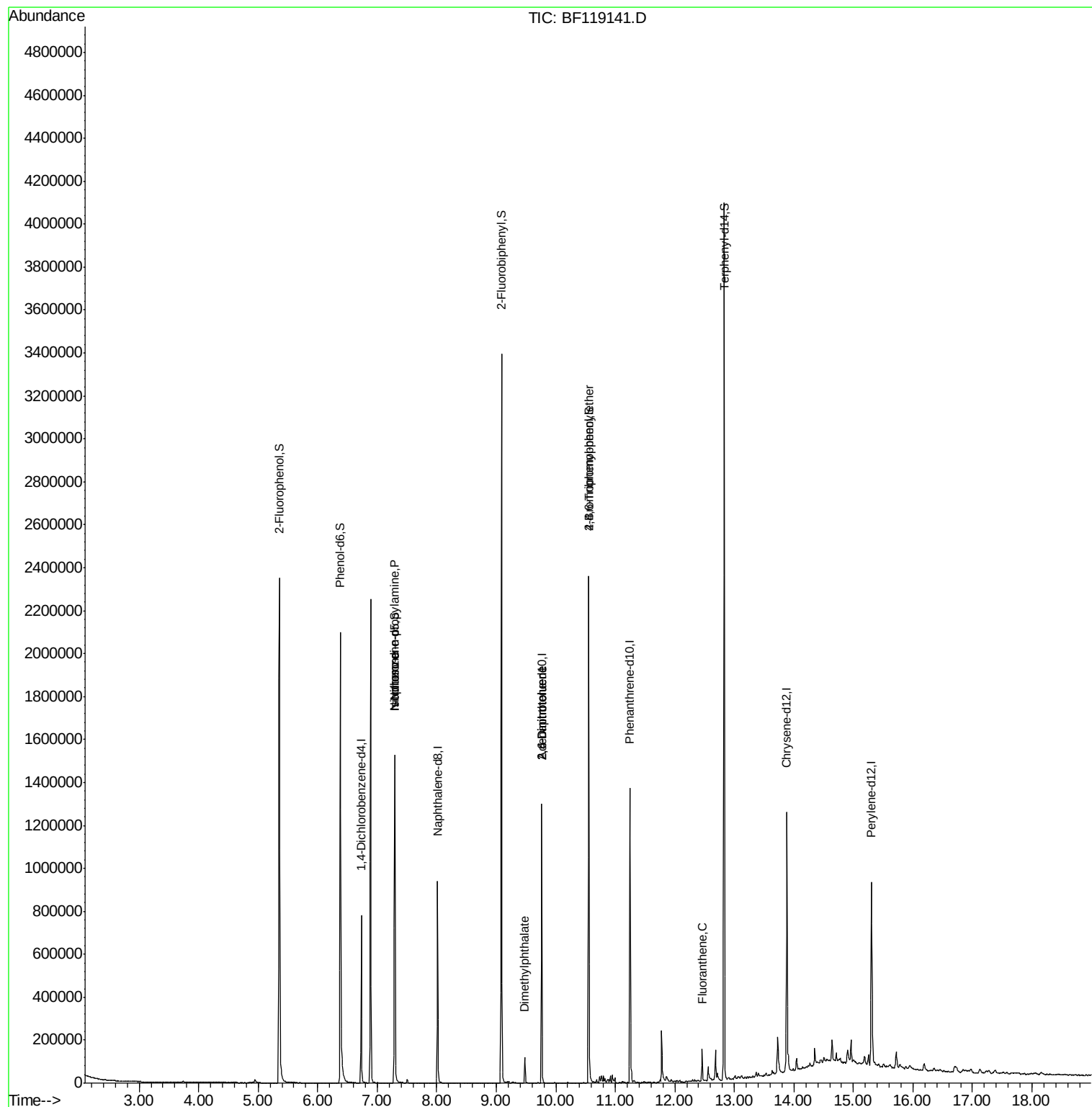
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	124095	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	473170	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	264864	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	515512	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	398681	20.00	ng	-0.02
87) Perylene-d12	15.30	264	374396	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	722303	97.27	ng	-0.01
7) Phenol-d6	6.38	99	906017	100.32	ng	-0.02
23) Nitrobenzene-d5	7.29	82	570361	63.65	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	326696	94.29	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1096262	60.97	ng	-0.02
79) Terphenyl-d14	12.83	244	1521882	65.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	78422	14.903	ng	# 74
25) Isophorone	7.29	82	561556	36.081	ng	# 63
50) Dimethylphthalate	9.48	163	54044	2.668	ng	98
51) 2,6-Dinitrotoluene	9.76	165	33528	7.451	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33528	5.748	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	21103	3.132	ng	# 1
75) Fluoranthene	12.46	202	62594	2.098	ng	99

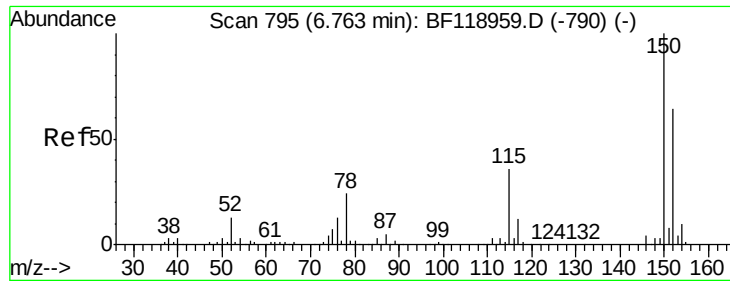
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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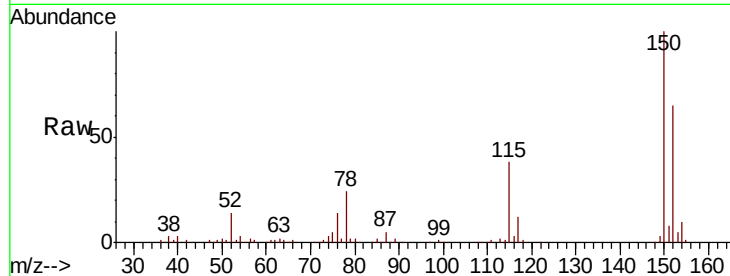


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	59.4	49.5	74.3

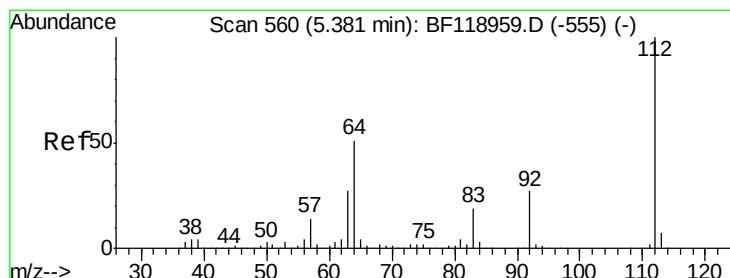
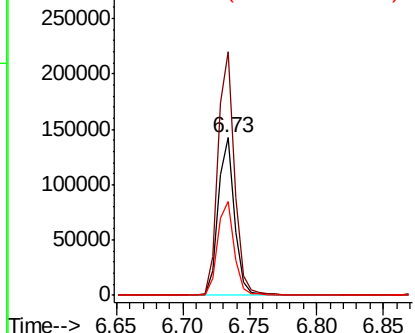
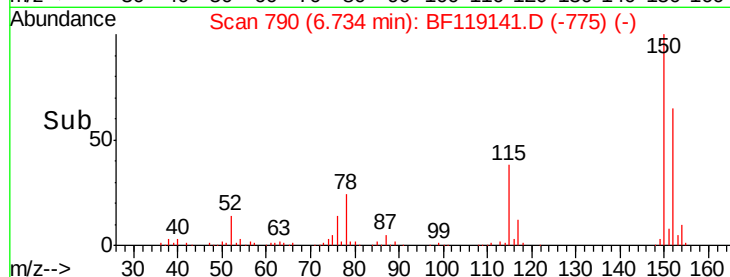


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

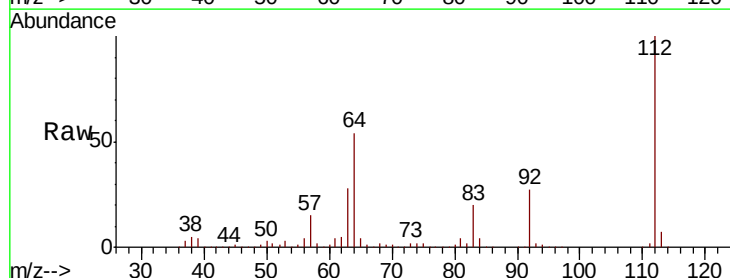
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.272 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.0	67.4
63	28.4	24.2	36.4

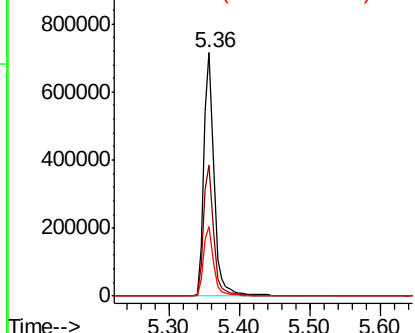
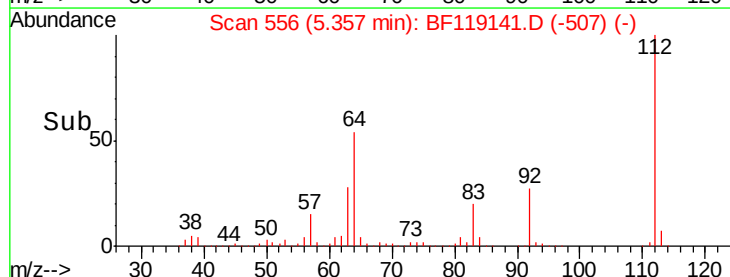


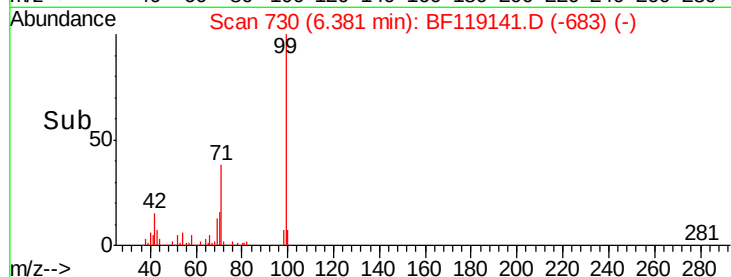
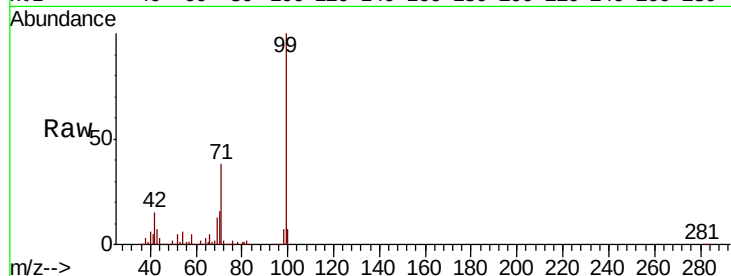
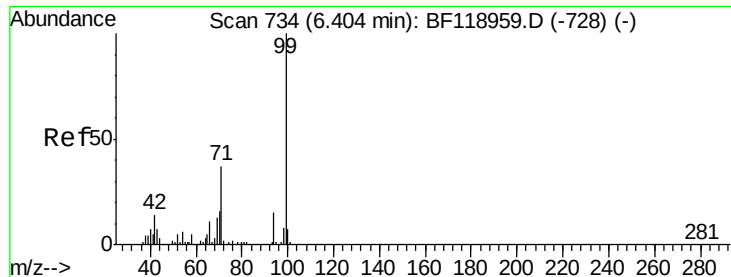
Abundance

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: 100.324 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Instrument :

BNA_F

ClientSampled :

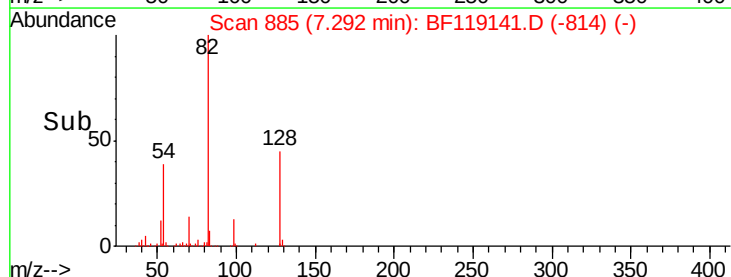
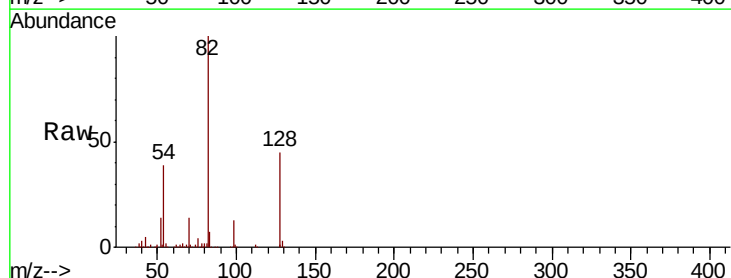
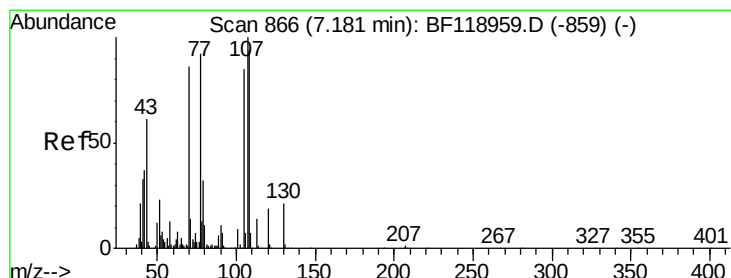
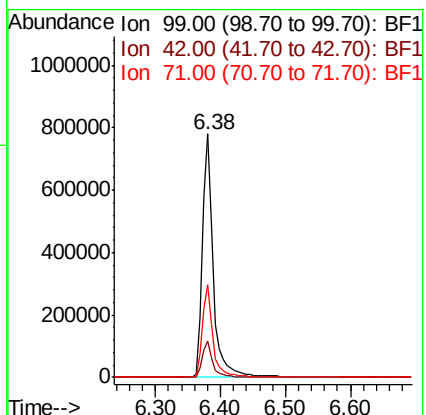
Tot Ion: 99 Resp: 906017

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

71 38.1 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.903 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Tgt Ion: 70 Resp: 78422

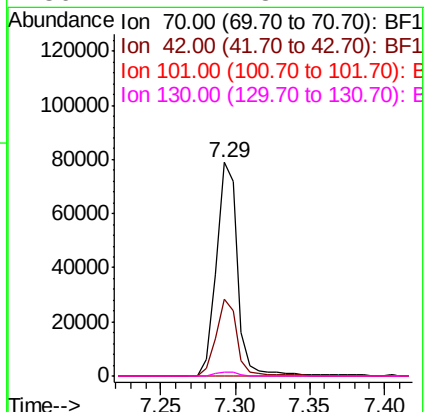
Ion Ratio Lower Upper

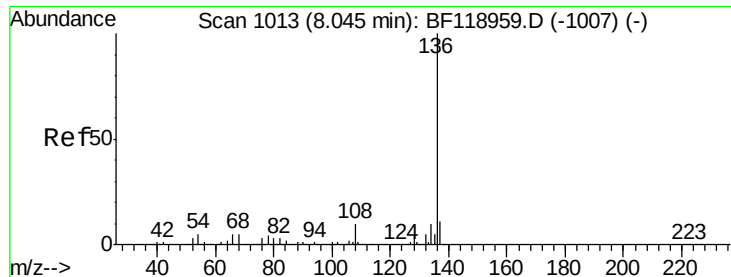
70 100

42 36.1 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

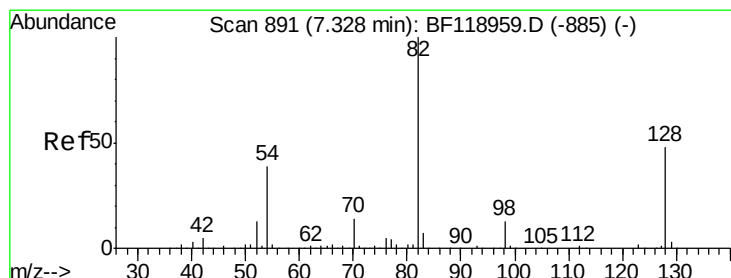
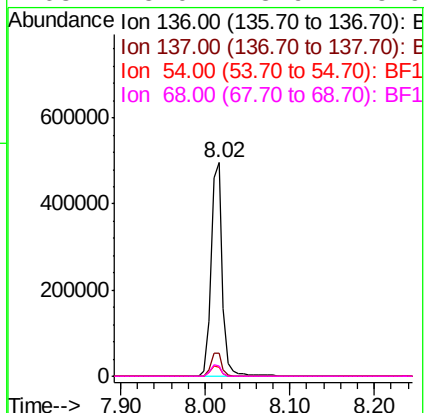
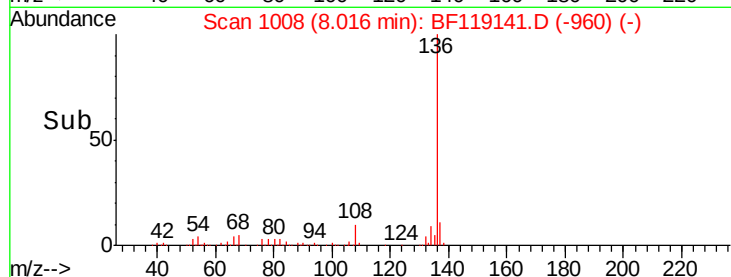
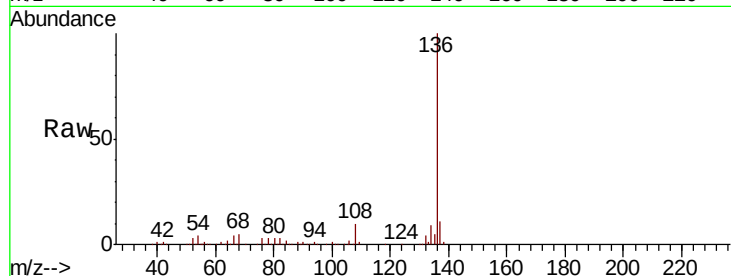




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

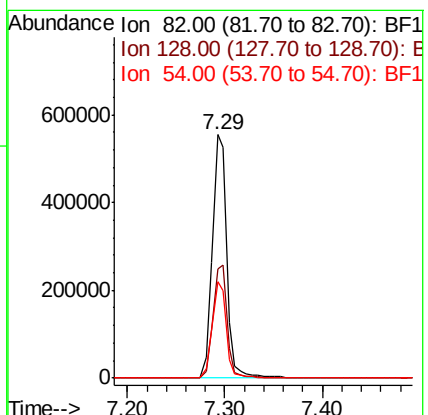
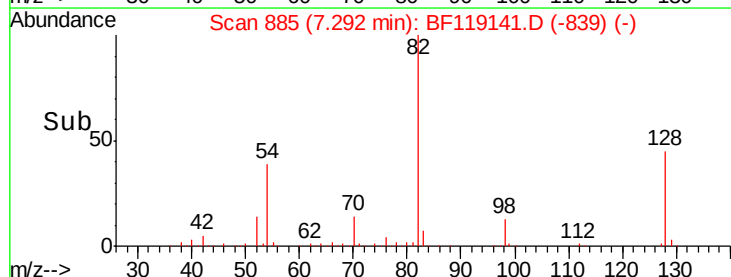
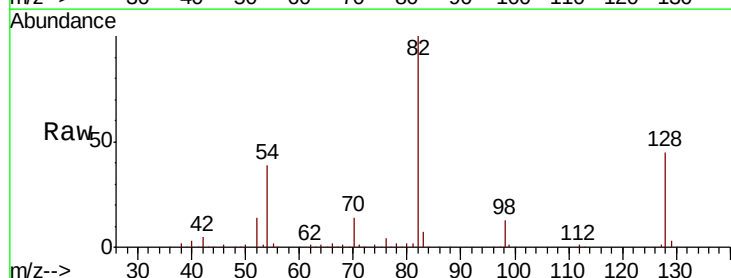
Instrument :
BNA_F
ClientSampleId :

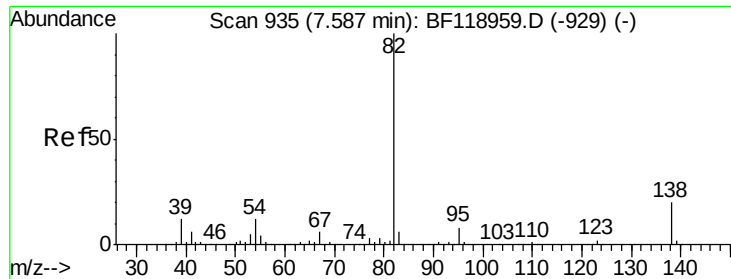
Tot Ion:136	Resp:	473170
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	4.4	3.8 5.6
68	5.0	3.9 5.9



#23
Nitrobenzene-d5
Concen: 63.645 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

Tgt Ion: 82	Resp:	570361
Ion Ratio	Lower	Upper
82	100	
128	44.7	37.9 56.9
54	39.5	33.4 50.2





#25

Isophorone

Concen: 36.081 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Instrument :

BNA_F

ClientSampleId :

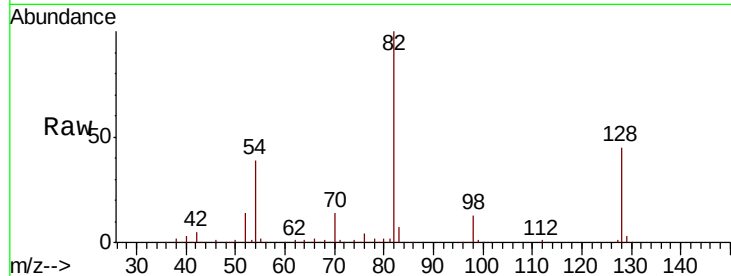
Tot Ion: 82 Resp: 561556

Ion Ratio Lower Upper

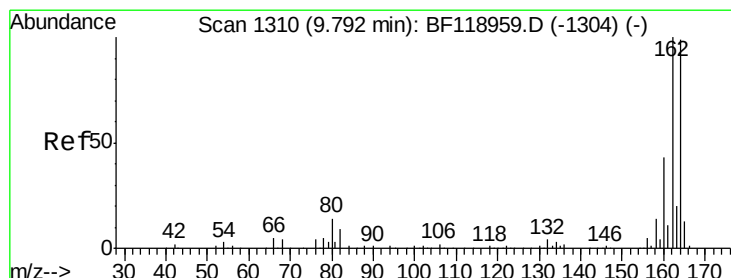
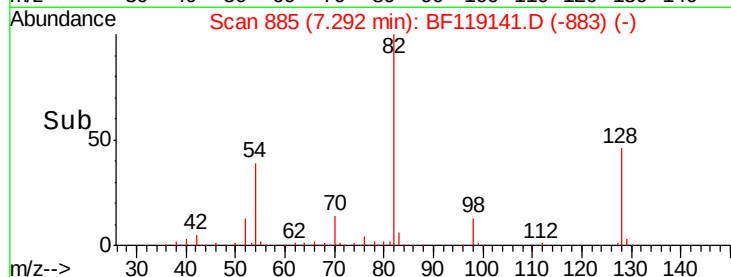
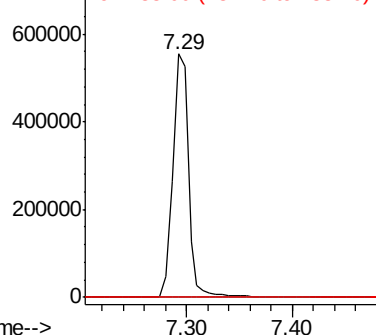
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

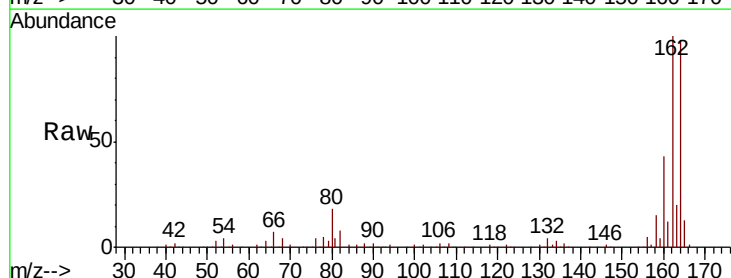
Tgt Ion: 164 Resp: 264864

Ion Ratio Lower Upper

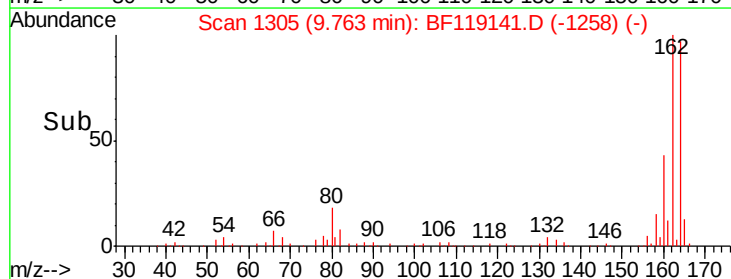
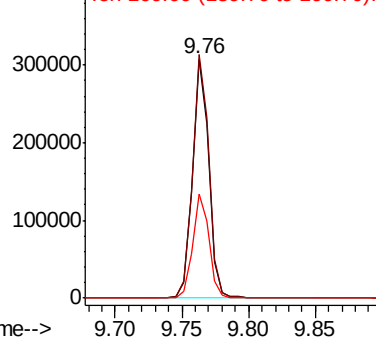
164 100

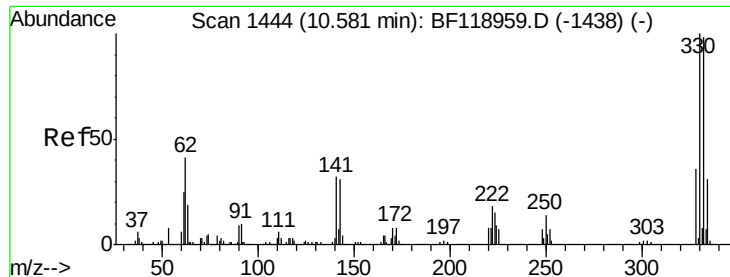
162 101.9 81.8 122.8

160 43.8 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

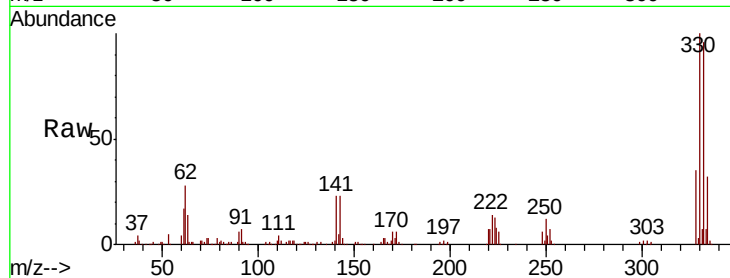




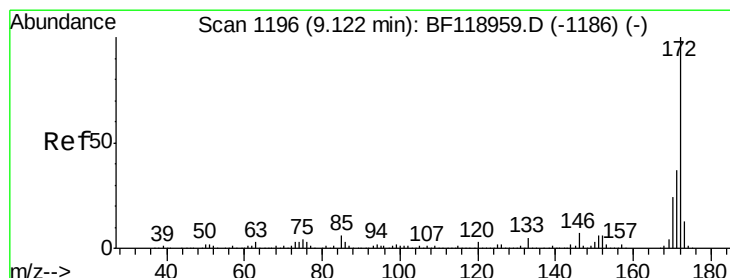
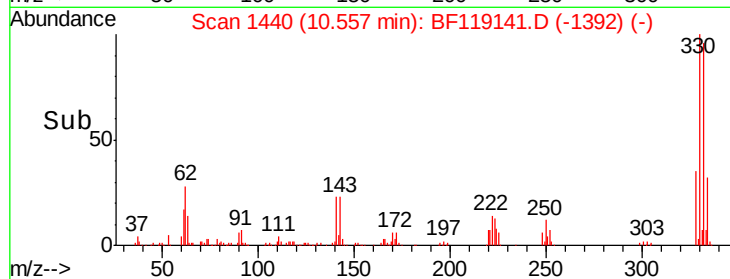
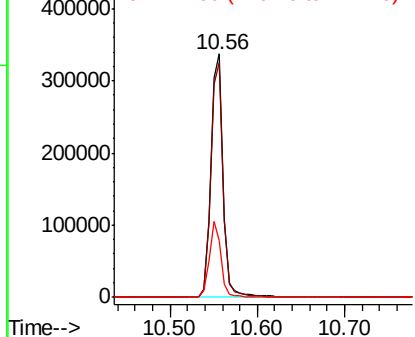
#42
 2,4,6-Tribromophenol
 Concen: 94.288 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	29.5	22.9	34.3

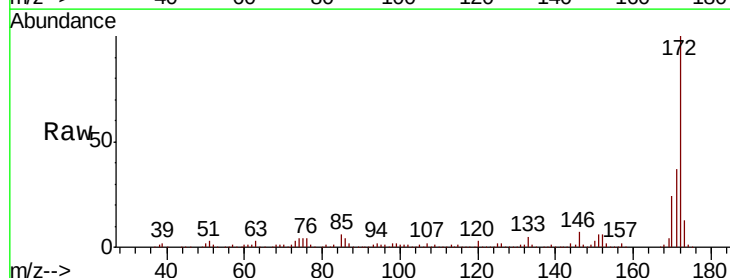


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

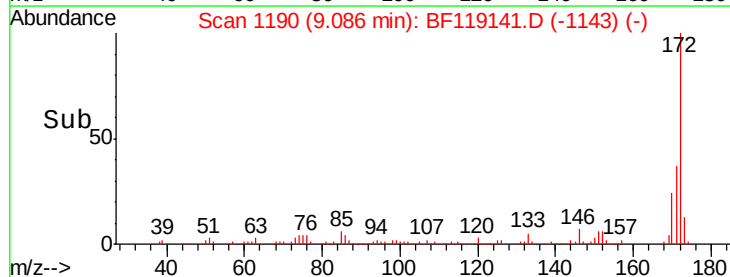
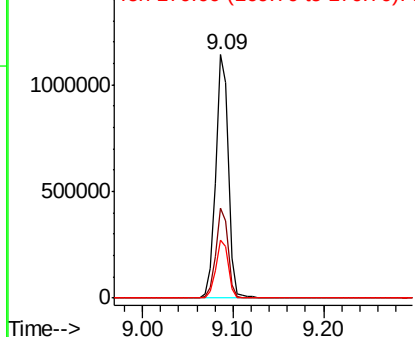


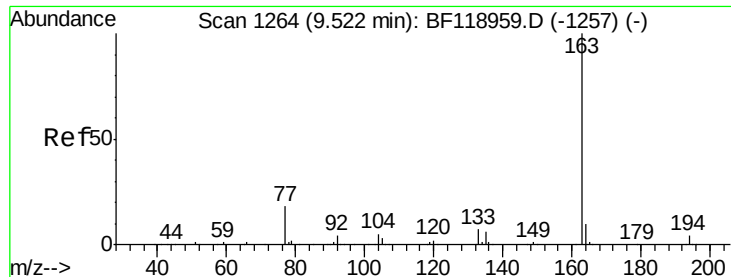
#45
 2-Fluorobiphenyl
 Concen: 60.974 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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

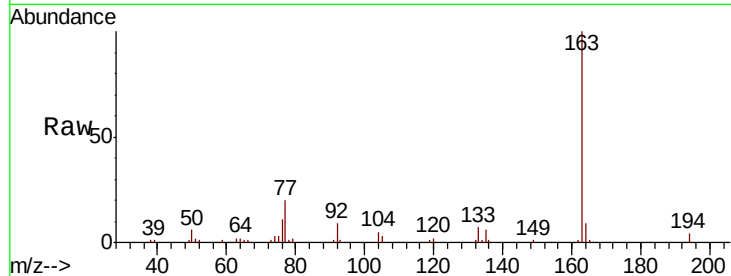




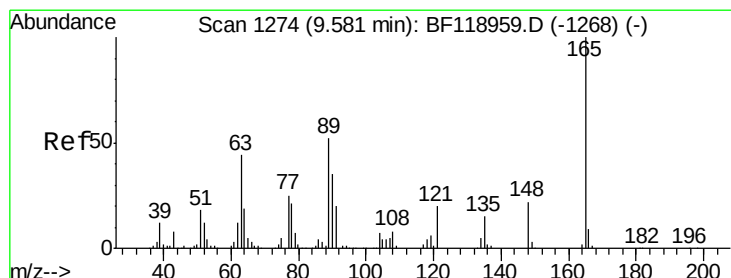
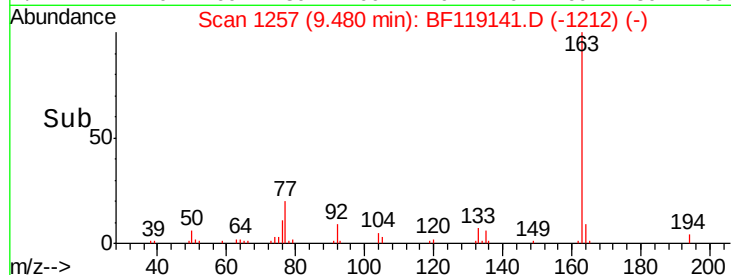
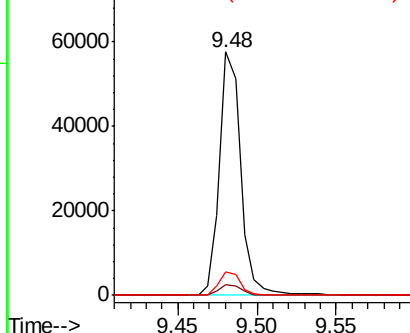
#50
Dimethylphthalate
Concen: 2.668 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 54044
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.5 8.4 12.6

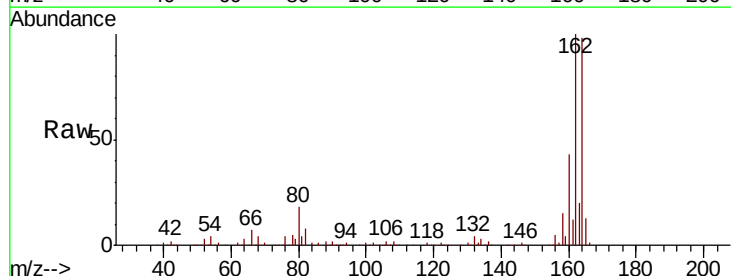


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

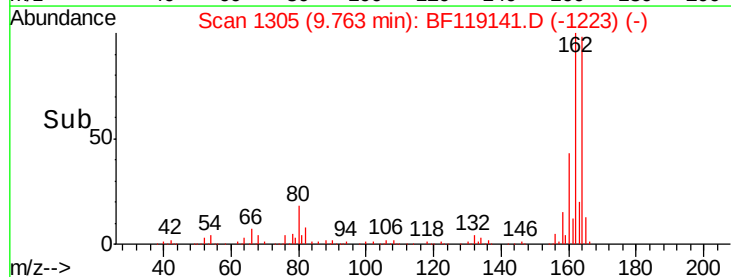
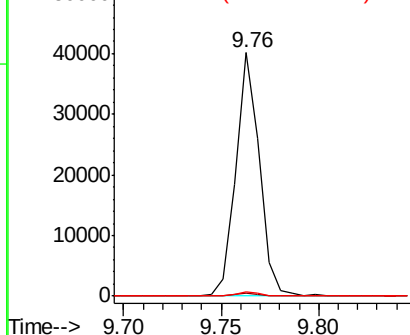


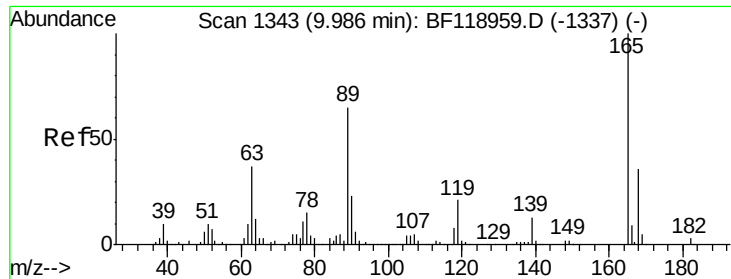
#51
2,6-Dinitrotoluene
Concen: 7.451 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.18 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

Tgt Ion:165 Resp: 33528
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.7 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

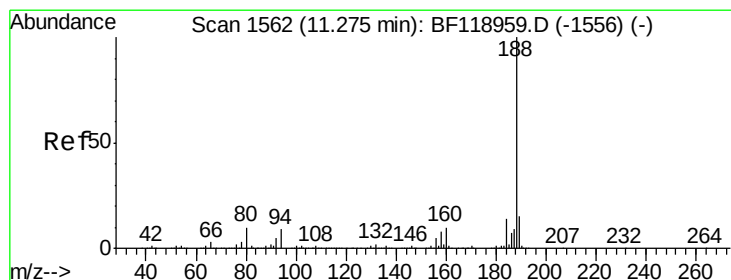
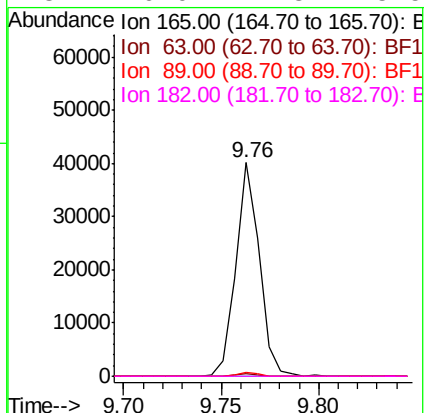
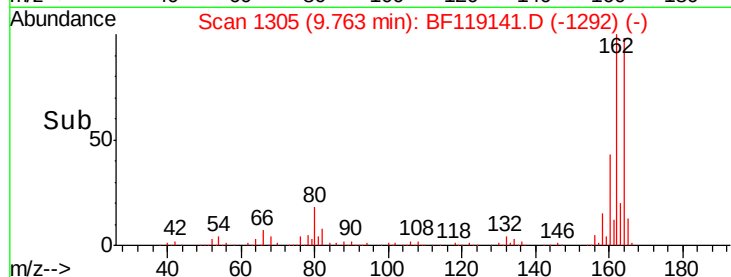
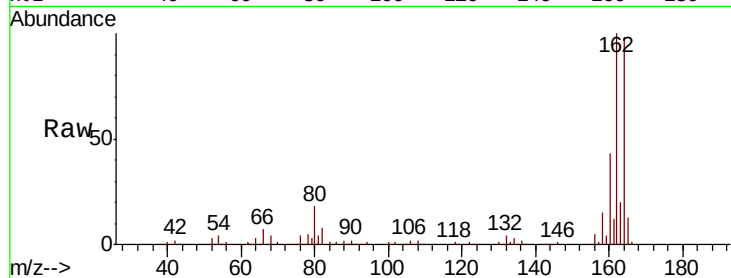




#57
 2,4-Dinitrotoluene
 Concen: 5.748 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

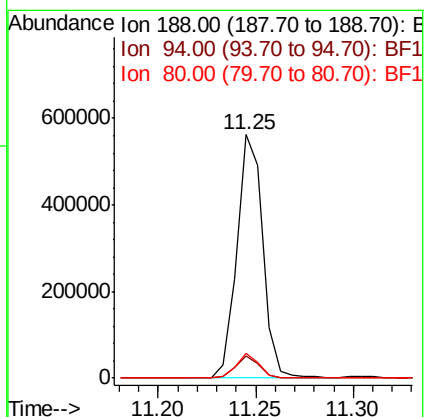
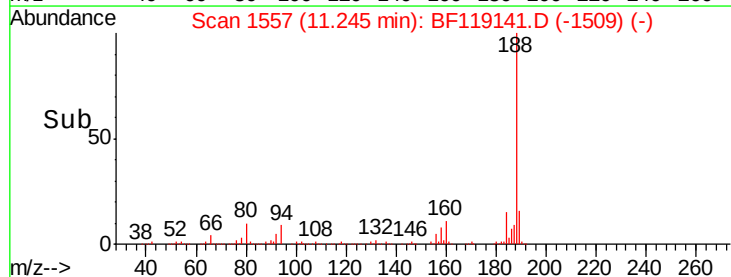
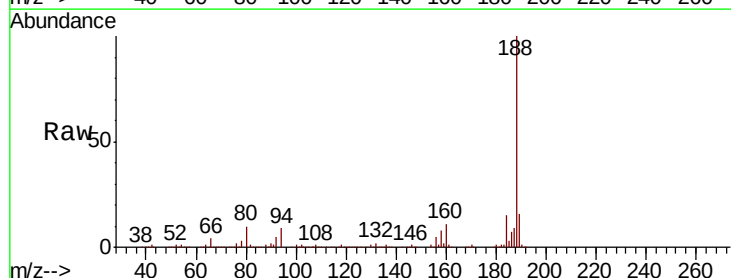
Instrument :
 BNA_F
 ClientSampleId :

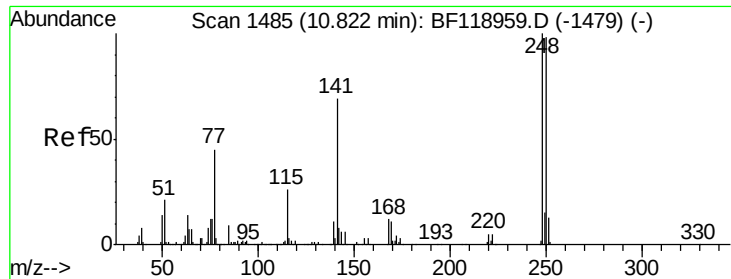
Tot Ion:165	Resp:	33528
Ion Ratio	Lower	Upper
165	100	
63	1.3	42.3 63.5#
89	1.7	60.2 90.4#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

Tgt Ion:188	Resp:	515512
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.1 10.7
80	10.4	7.8 11.8

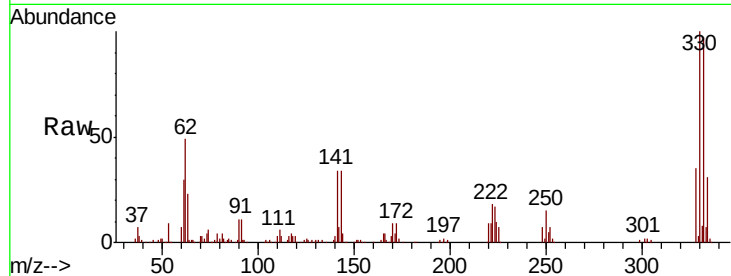




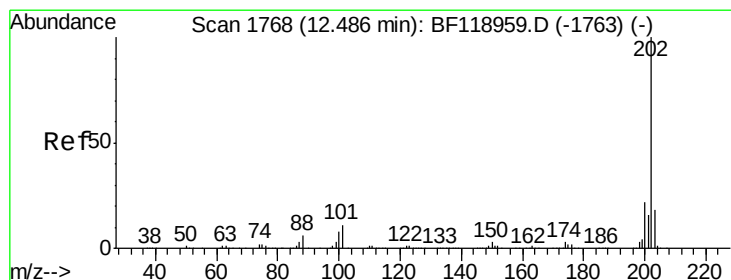
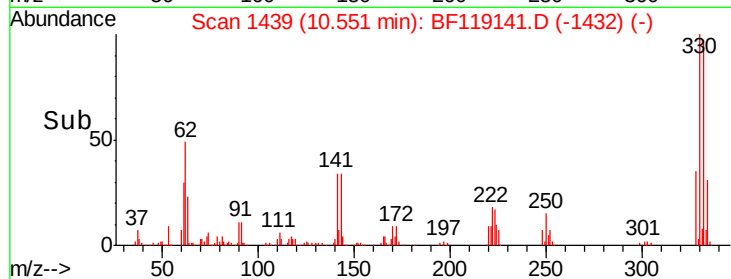
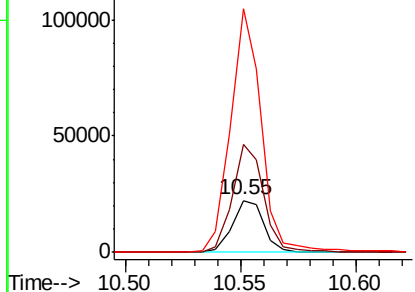
#67
 4-Bromophenyl-phenylether
 Concen: 3.132 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.26 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 21103
 Ion Ratio Lower Upper
 248 100
 250 208.9 76.7 115.1#
 141 471.2 60.7 91.1#

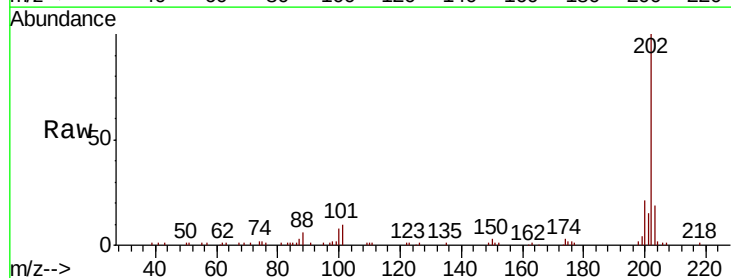


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

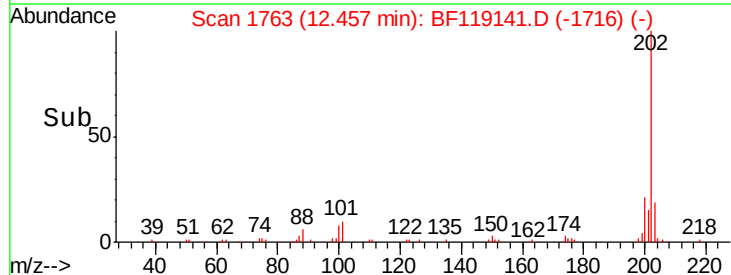
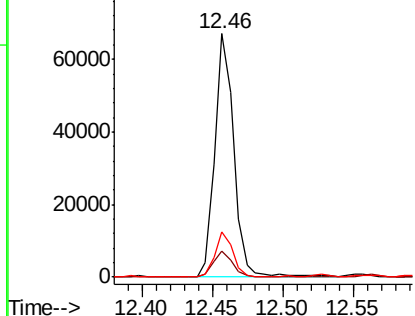


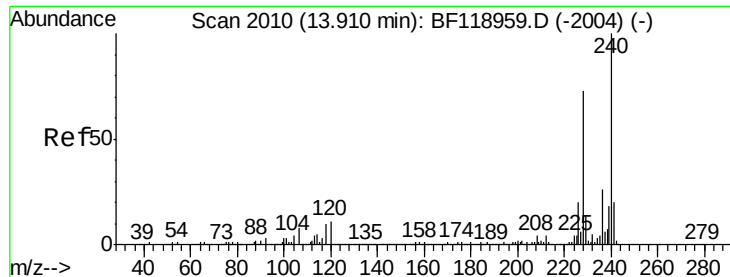
#75
 Fluoranthene
 Concen: 2.098 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

Tgt Ion:202 Resp: 62594
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 30.3
 203 18.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Instrument :

BNA_F

ClientSampleId :

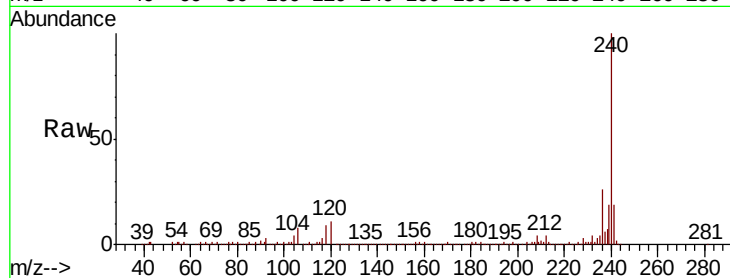
Tot Ion:240 Resp: 398681

Ion Ratio Lower Upper

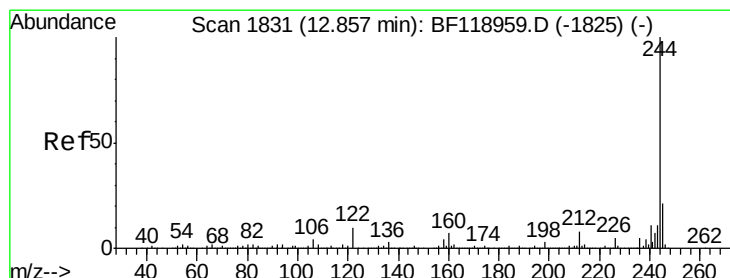
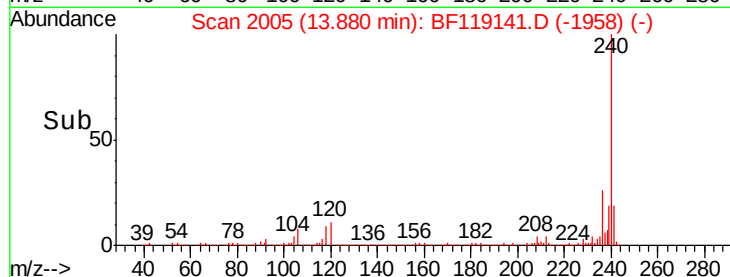
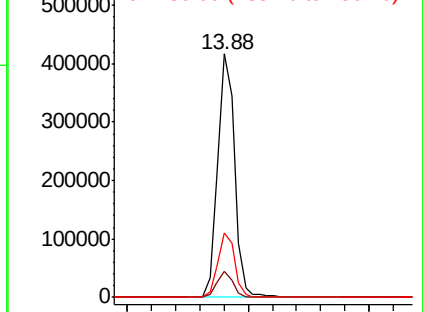
240 100

120 10.7 8.4 12.6

236 26.5 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: 65.721 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

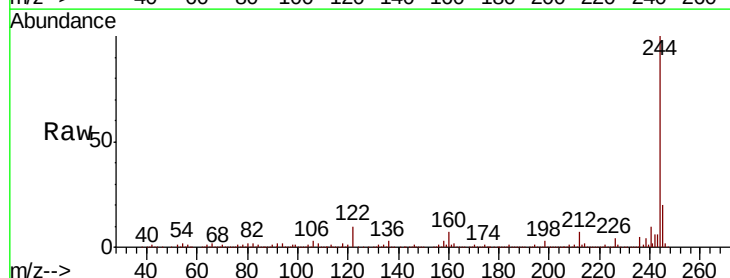
Tgt Ion:244 Resp: 1521882

Ion Ratio Lower Upper

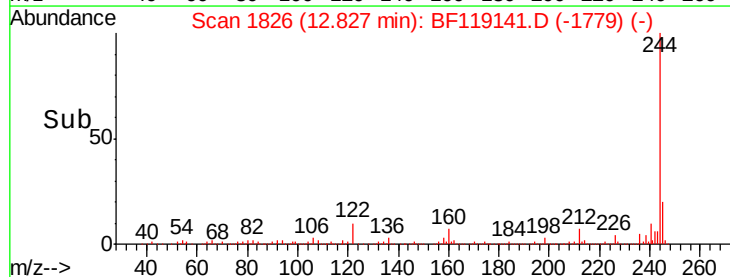
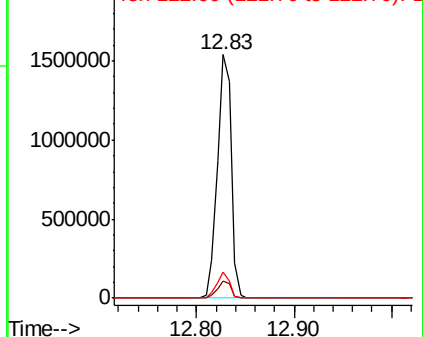
244 100

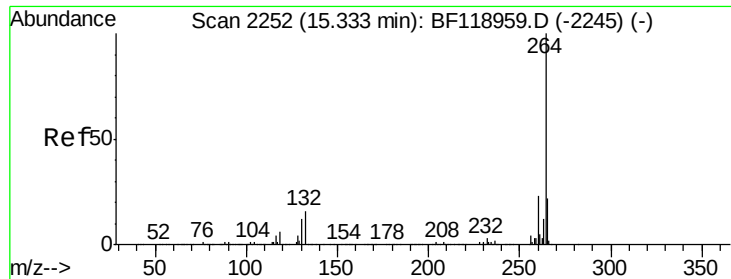
212 7.3 6.6 10.0

122 10.5 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.4	17.7	26.5

