

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119335.D
 Acq On : 11 Mar 2020 5:31
 Operator : CG/JU
 Sample : L1826-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

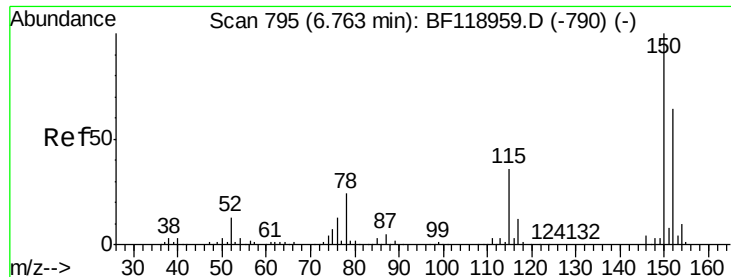
Quant Time: Mar 11 07:43:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120273	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	440541	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	219730	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	327929	20.00	ng	0.00
76) Chrysene-d12	13.89	240	259589	20.00	ng	0.00
87) Perylene-d12	15.32	264	212068	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	823610	114.44	ng	0.02
7) Phenol-d6	6.39	99	878989	100.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	690729	82.79	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	295716	102.88	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1364589	91.49	ng	0.00
79) Terphenyl-d14	12.83	244	1248265	82.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.88	79	12795	2.023	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	98030	19.221	ng	# 75
25) Isophorone	7.29	82	690729	47.668	ng	# 63
50) Dimethylphthalate	9.48	163	56433	3.359	ng	100
51) 2,6-Dinitrotoluene	9.76	165	28082	7.523	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	28082	5.804	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	19208	4.481	ng	# 1
74) Di-n-butylphthalate	11.80	149	48710	2.527	ng	98

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

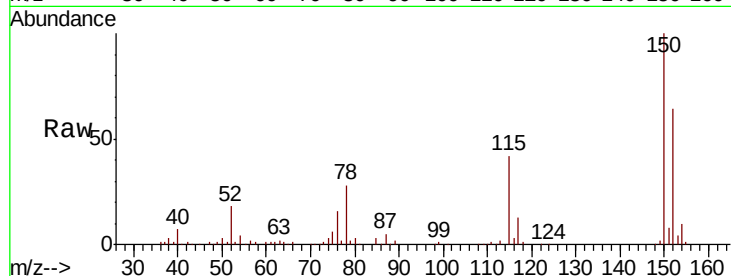


#1

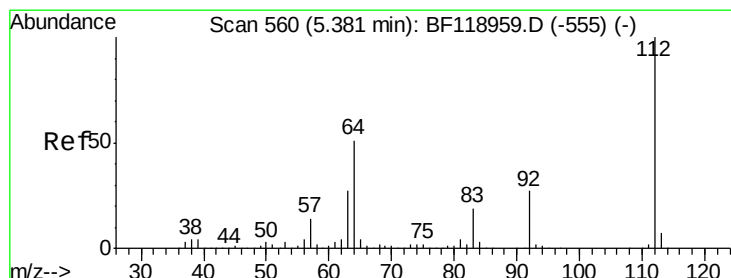
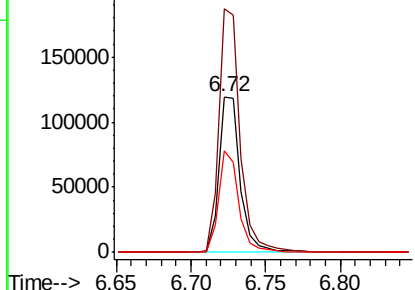
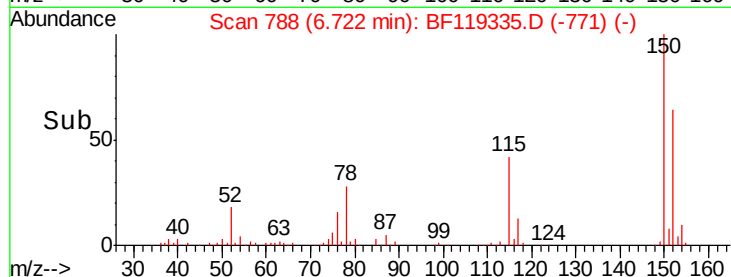
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120273
Ion Ratio Lower Upper
152 100
150 156.4 123.0 184.6
115 65.3 49.5 74.3



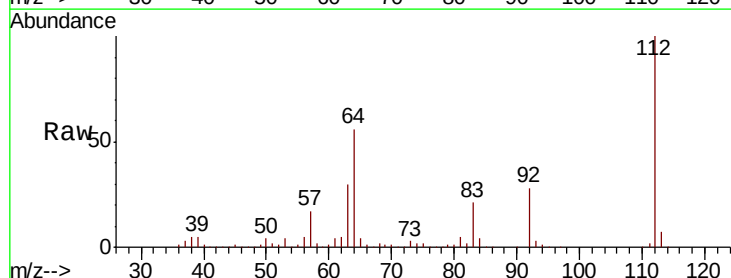
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



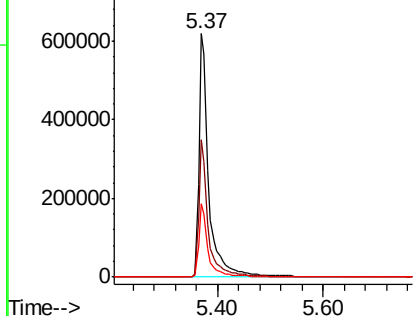
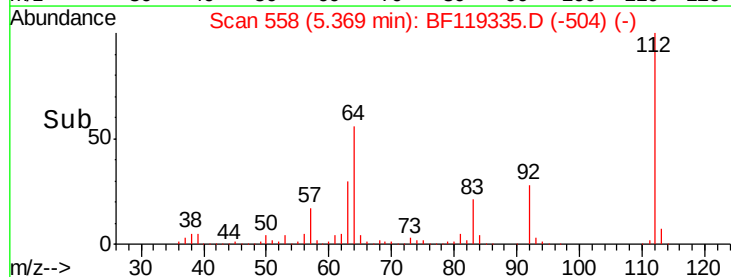
#5

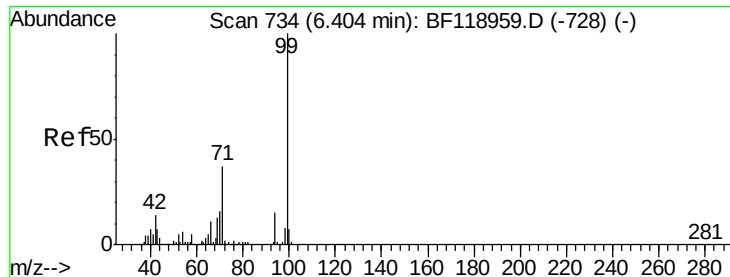
2-Fluorophenol
Concen: 114.440 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

Tgt Ion:112 Resp: 823610
Ion Ratio Lower Upper
112 100
64 56.5 45.0 67.4
63 30.2 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: 100.424 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119335.D

Acq: 11 Mar 2020 5:31

Instrument :

BNA_F

ClientSampled :

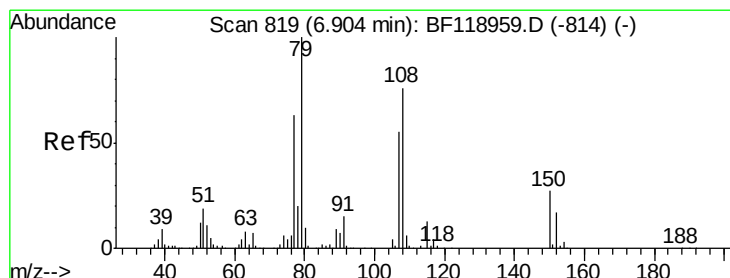
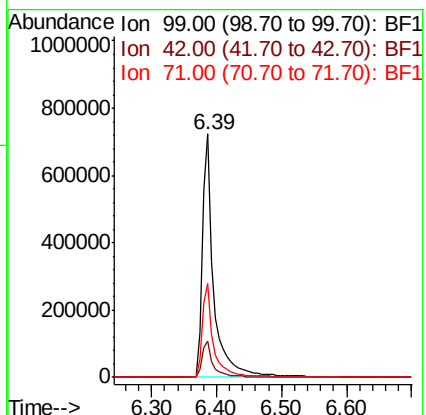
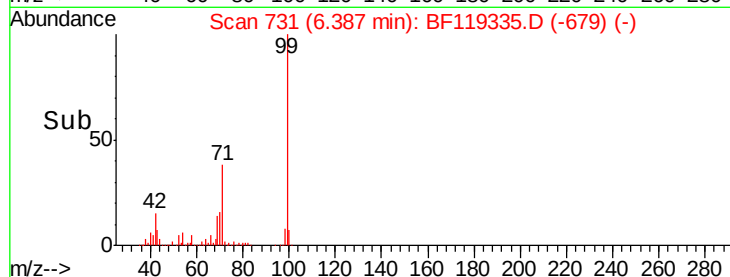
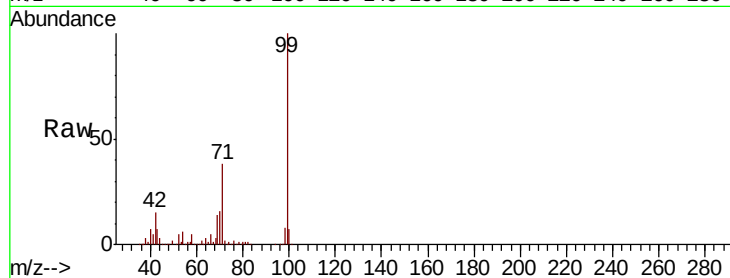
Tot Ion: 99 Resp: 878989

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

71 38.3 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.023 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119335.D

Acq: 11 Mar 2020 5:31

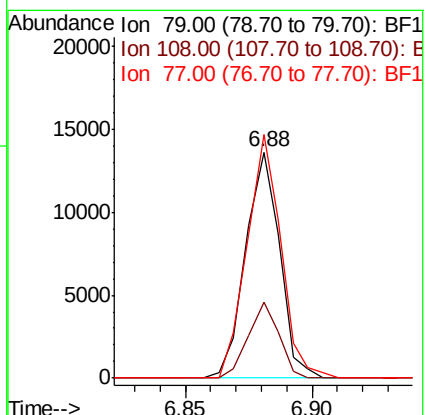
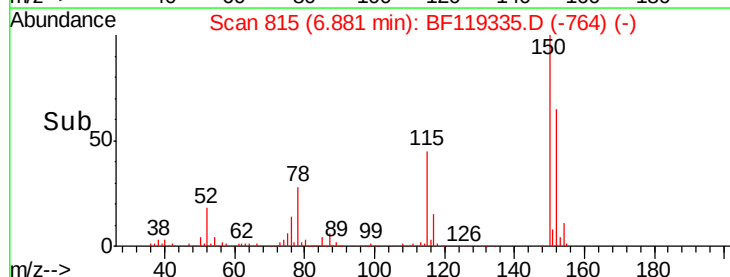
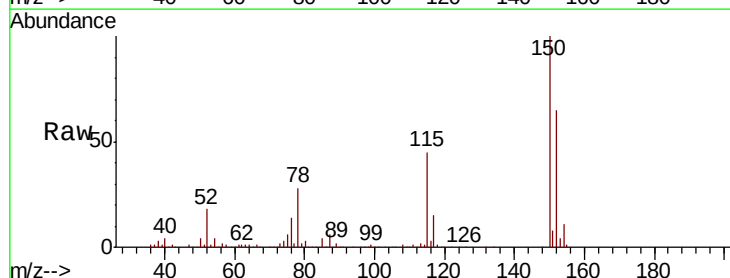
Tgt Ion: 79 Resp: 12795

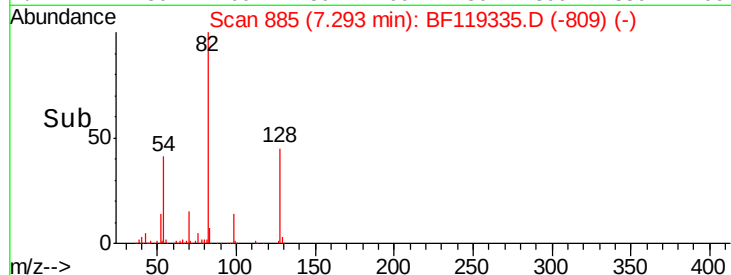
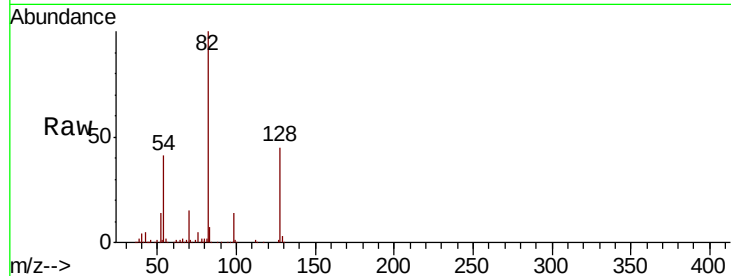
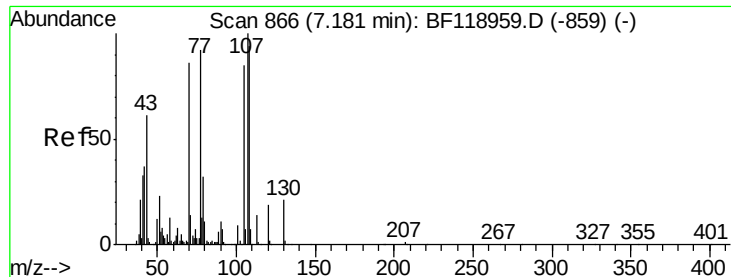
Ion Ratio Lower Upper

79 100

108 33.8 58.2 87.2#

77 107.6 51.2 76.8#

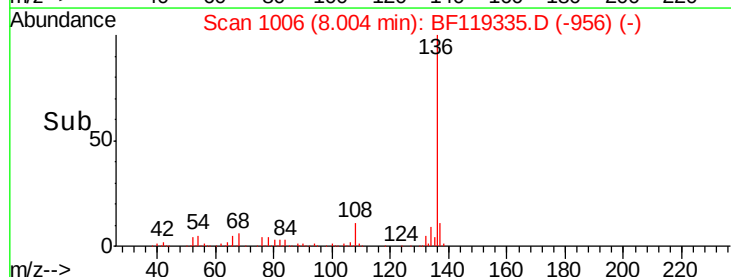
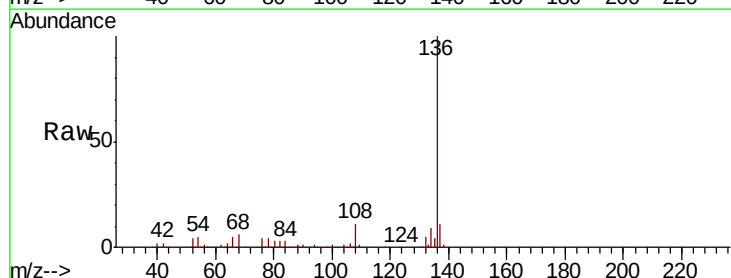
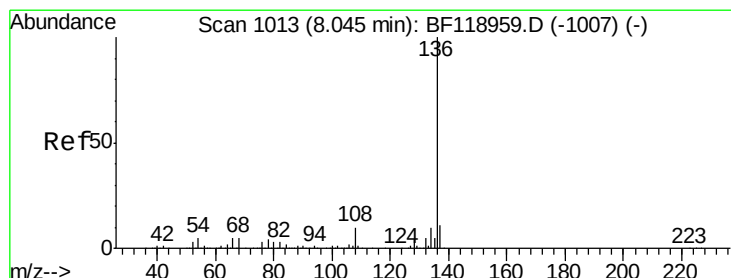
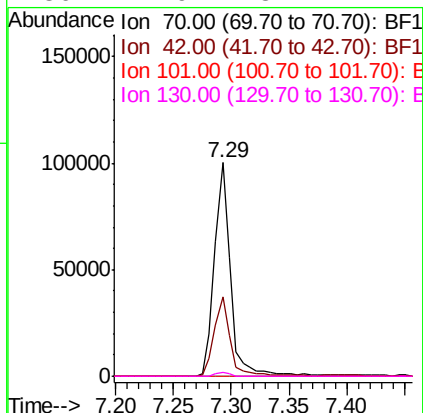




#19
n-Nitroso-di-n-propylamine
Concen: 19.221 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

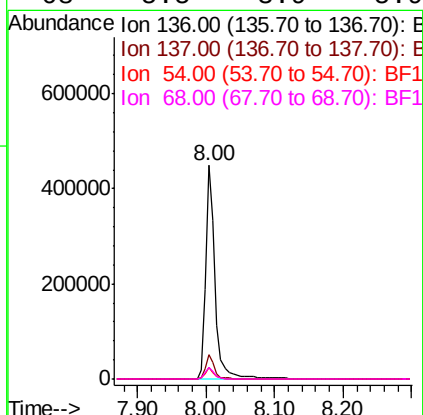
Instrument :
BNA_F
ClientSampleId :

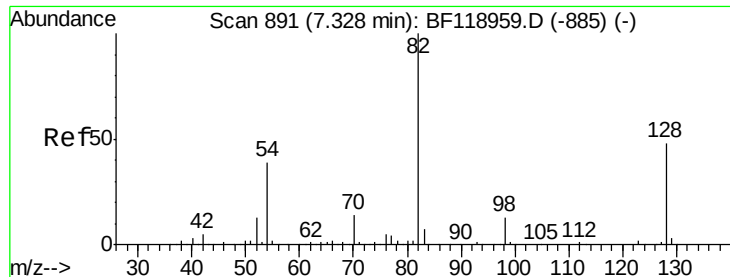
Tot Ion: 70 Resp: 98030
Ion Ratio Lower Upper
70 100
42 37.3 38.0 57.0#
101 0.0 8.2 12.4#
130 1.9 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

Tgt Ion: 136 Resp: 440541
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.3 3.8 5.6
68 5.5 3.9 5.9

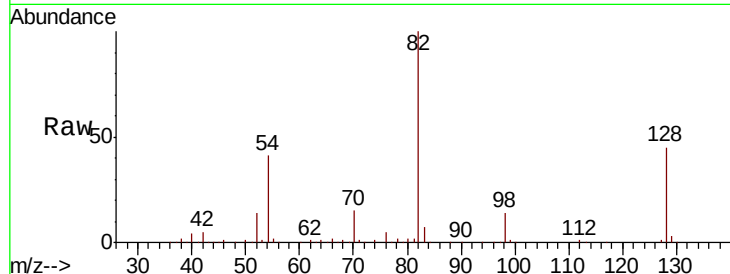




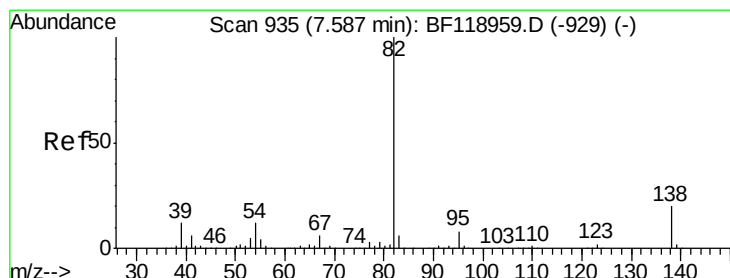
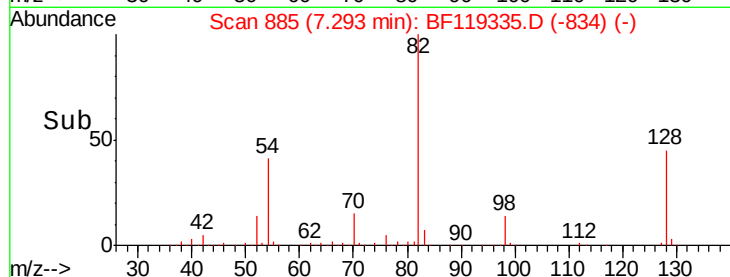
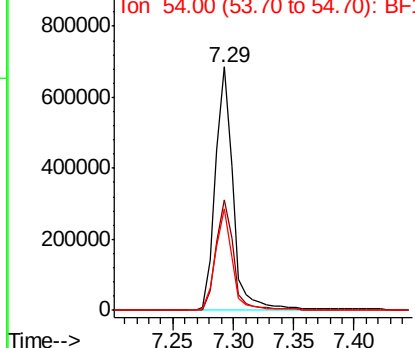
#23
Nitrobenzene-d5
Concen: 82.786 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 690729
Ion Ratio Lower Upper
82 100
128 45.4 37.9 56.9
54 41.4 33.4 50.2

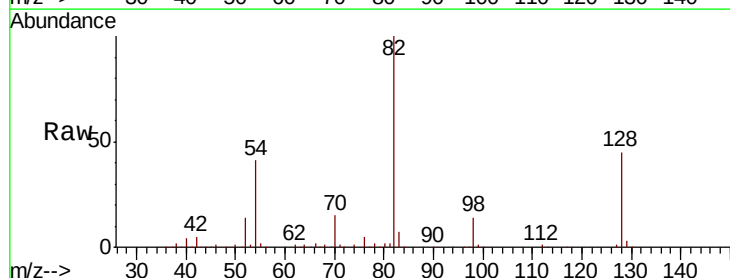


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

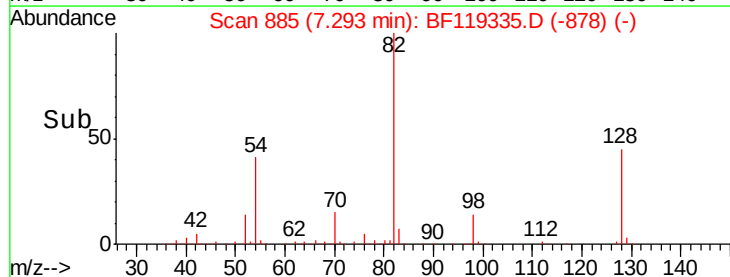
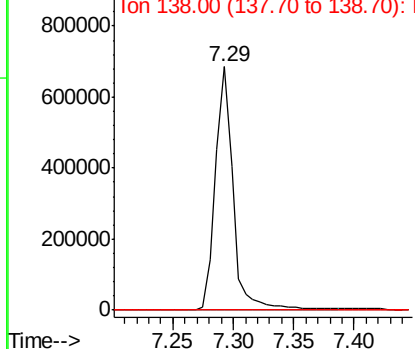


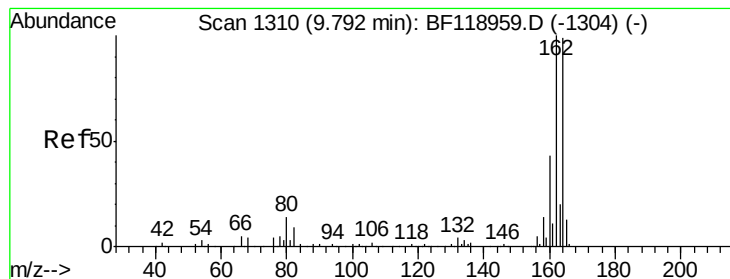
#25
Isophorone
Concen: 47.668 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

Tgt Ion: 82 Resp: 690729
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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119335.D

Acq: 11 Mar 2020 5:31

Instrument :

BNA_F

ClientSampleId :

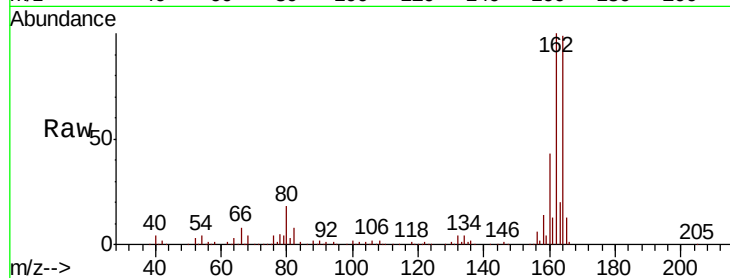
Tot Ion:164 Resp: 219730

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.8

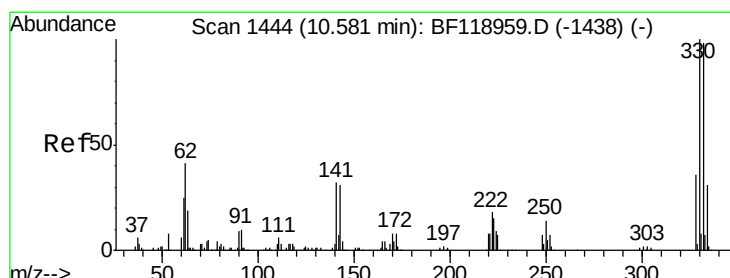
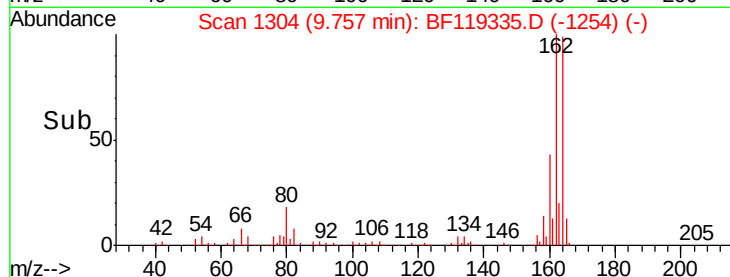
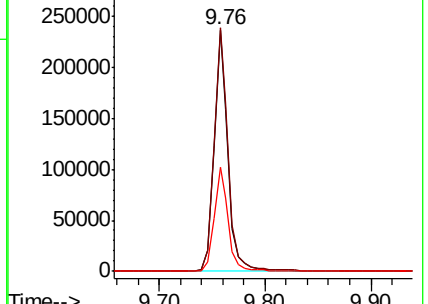
160 43.1 36.0 54.0



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: 102.878 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119335.D

Acq: 11 Mar 2020 5:31

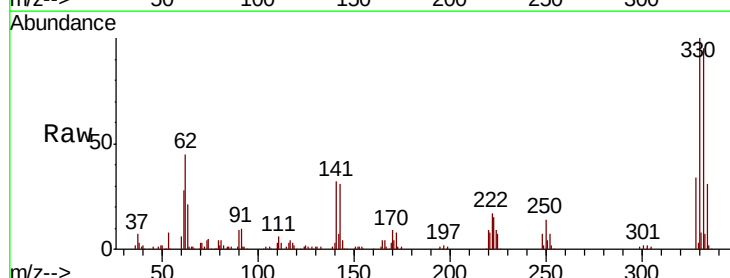
Tgt Ion:330 Resp: 295716

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

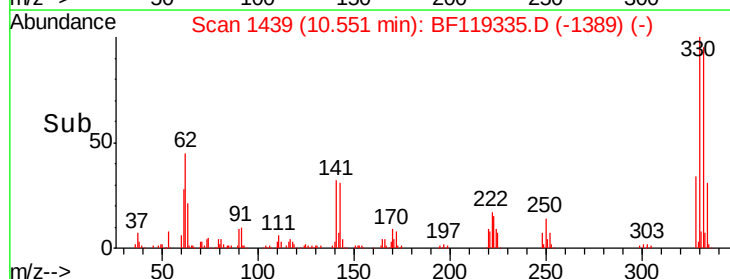
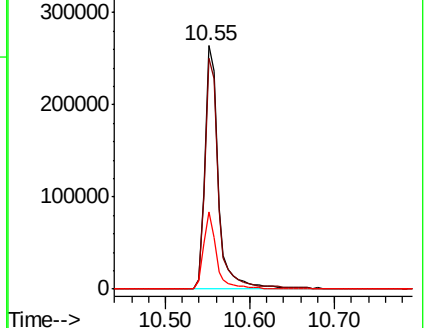
141 30.2 22.9 34.3

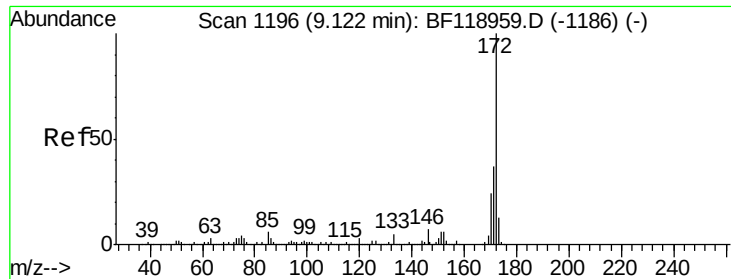


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

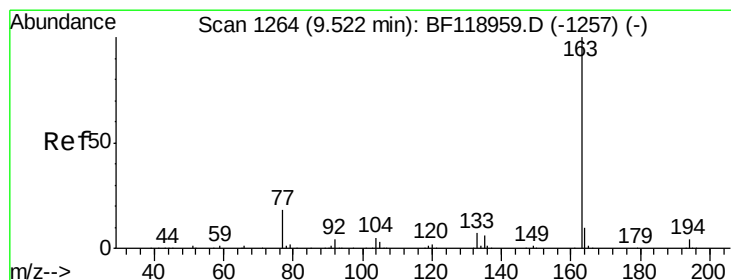
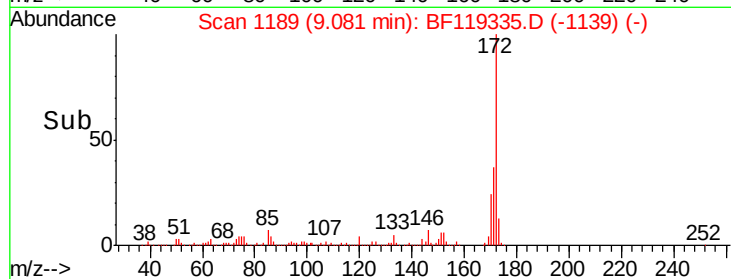
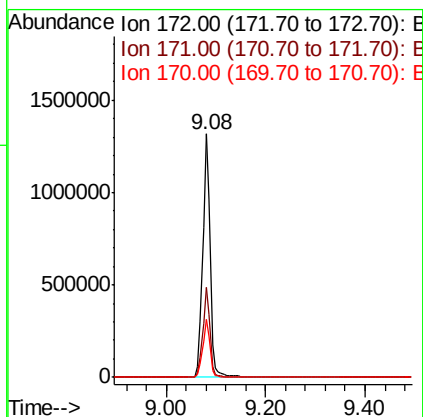
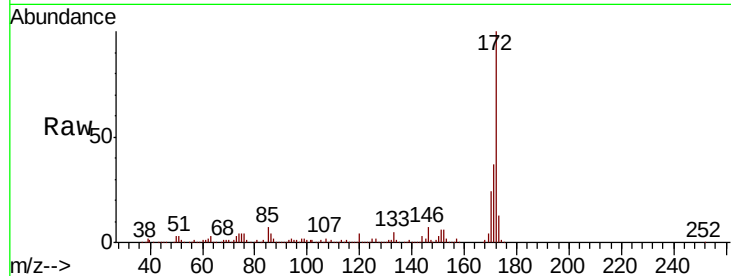




#45
2-Fluorobiphenyl
Concen: 91.488 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

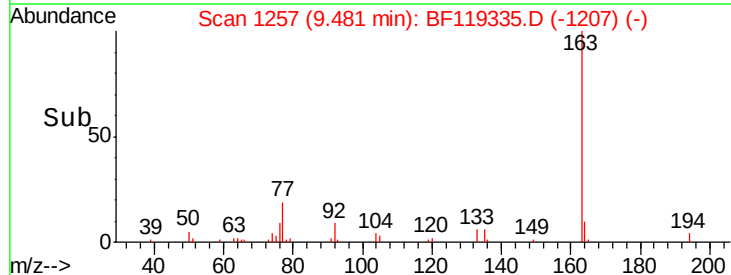
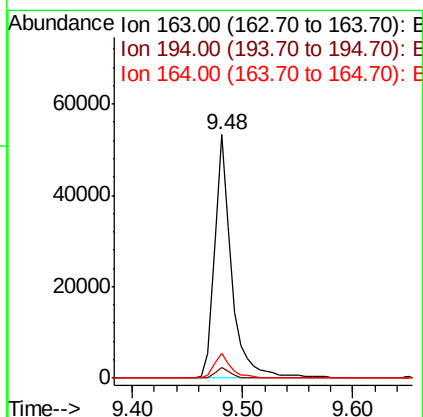
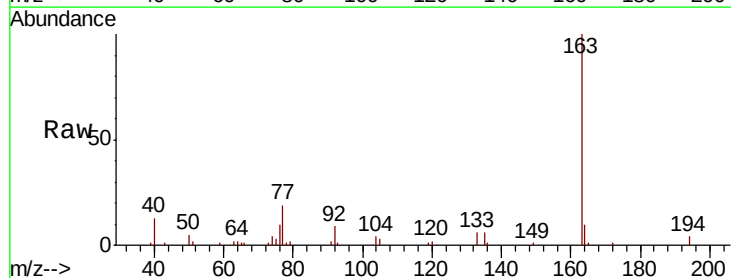
Instrument :
BNA_F
ClientSampleId :

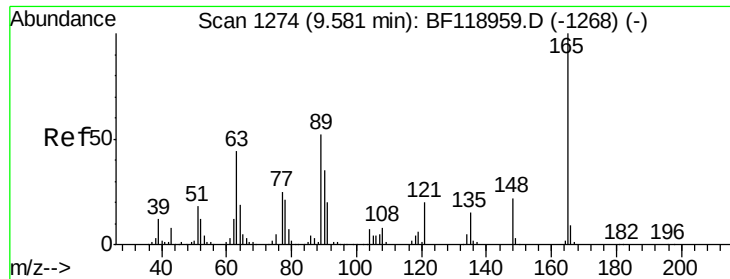
Tot Ion:172 Resp: 1364589
Ion Ratio Lower Upper
172 100
171 37.1 30.6 45.8
170 23.9 20.2 30.2



#50
Dimethylphthalate
Concen: 3.359 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

Tgt Ion:163 Resp: 56433
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.3 8.4 12.6

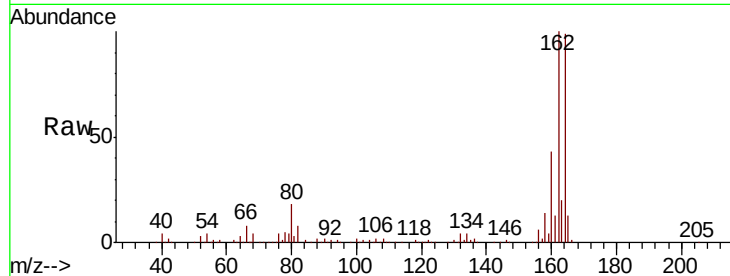




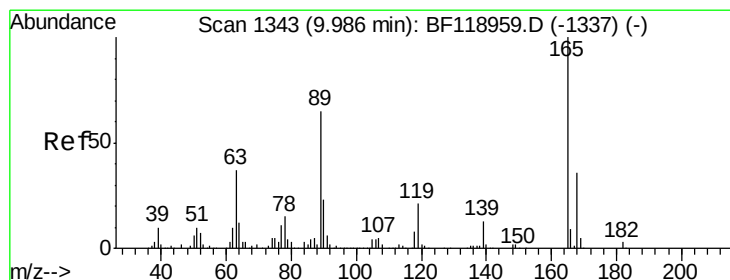
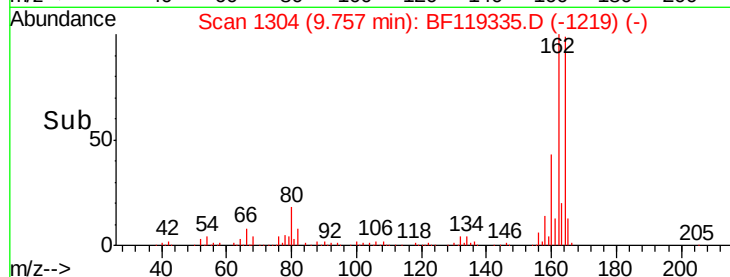
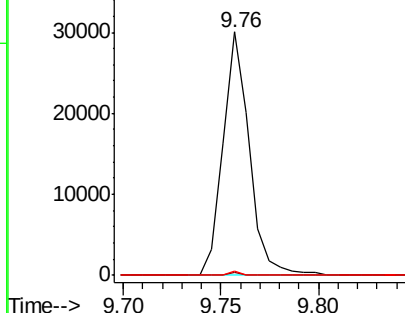
#51
 2,6-Dinitrotoluene
 Concen: 7.523 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119335.D
 Acq: 11 Mar 2020 5:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.7	38.3	57.5#



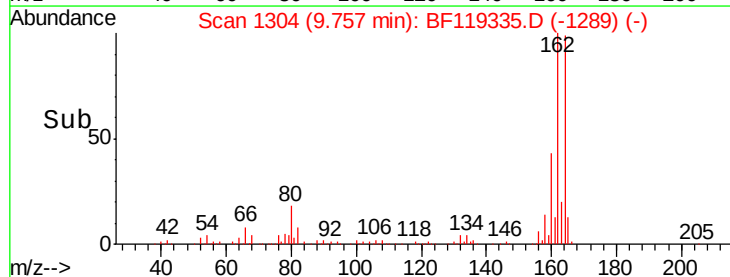
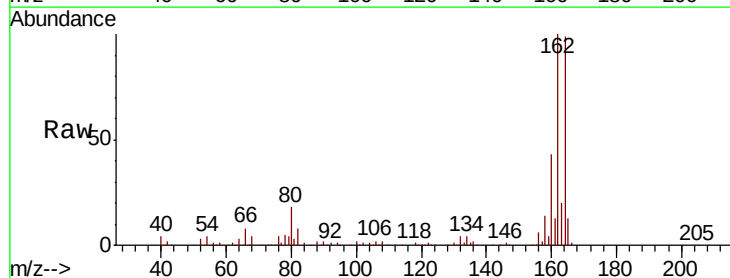
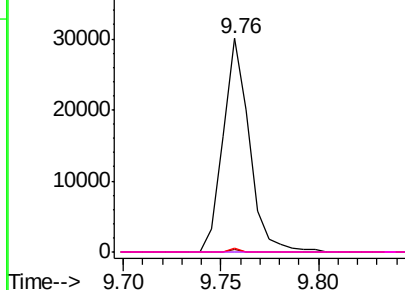
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

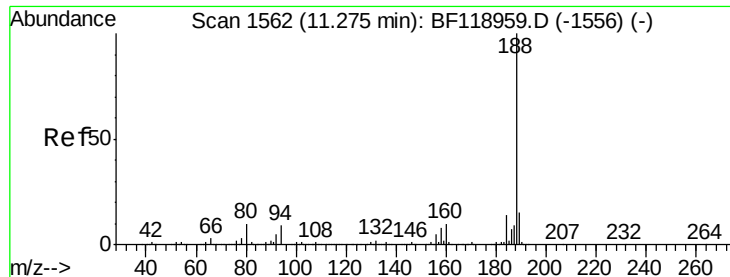


#57
 2,4-Dinitrotoluene
 Concen: 5.804 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119335.D
 Acq: 11 Mar 2020 5:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.7	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

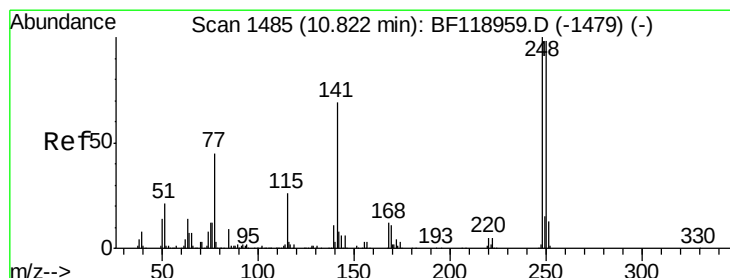
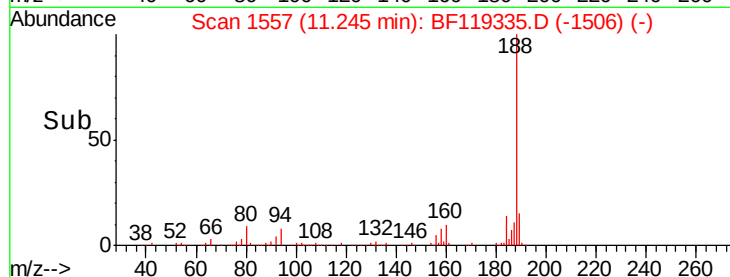
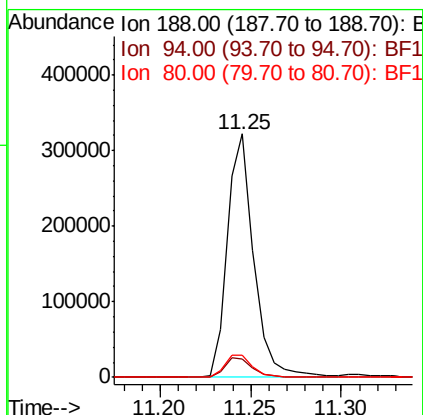
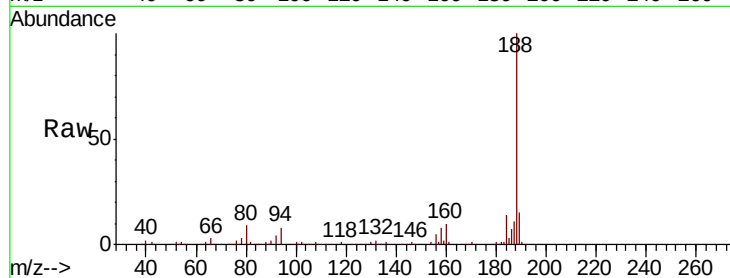




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

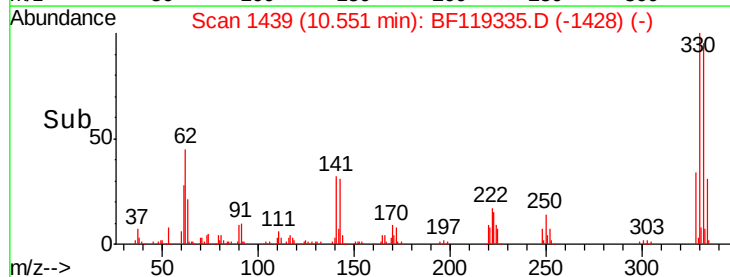
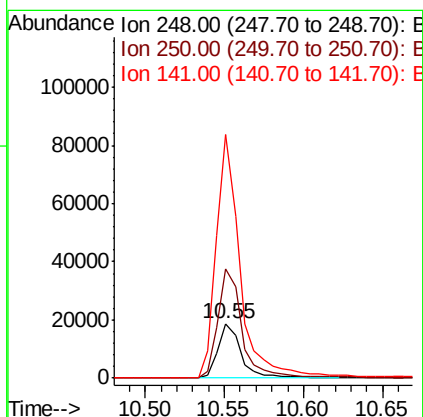
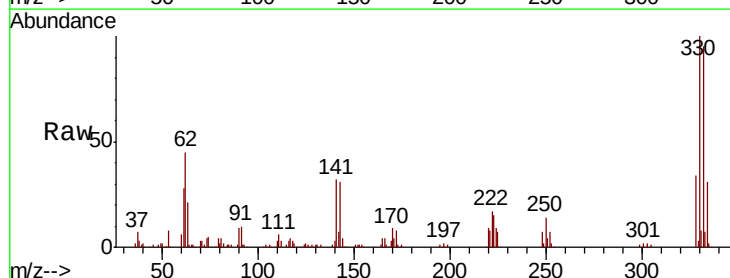
Instrument :
BNA_F
ClientSampleId :

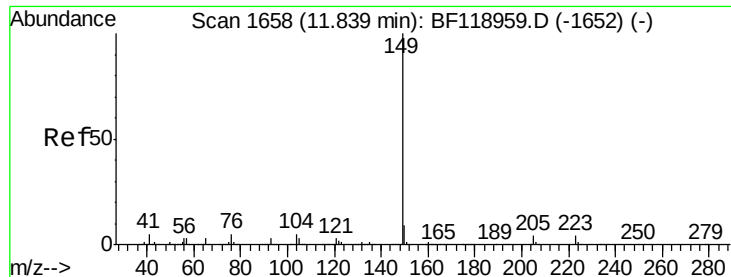
Tot Ion:188 Resp: 327929
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.9 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.481 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119335.D
Acq: 11 Mar 2020 5:31

Tgt Ion:248 Resp: 19208
Ion Ratio Lower Upper
248 100
250 199.6 76.7 115.1#
141 444.7 60.7 91.1#





#74

Di-n-butylphthalate

Concen: 2.527 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF119335.D

Acq: 11 Mar 2020 5:31

Instrument :

BNA_F

ClientSampleId :

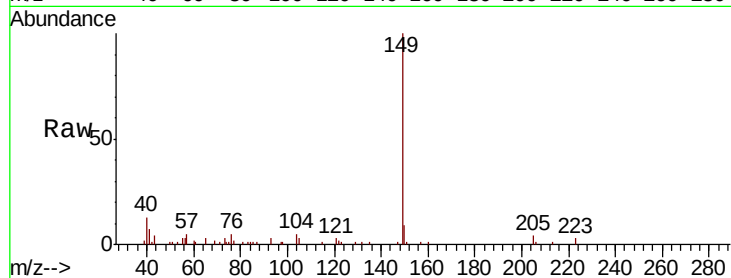
Tot Ion:149 Resp: 48710

Ion Ratio Lower Upper

149 100

150 9.4 7.9 11.9

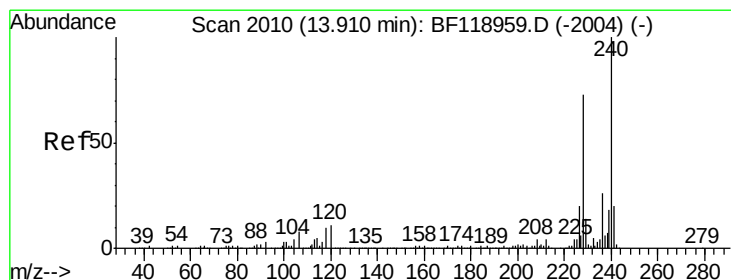
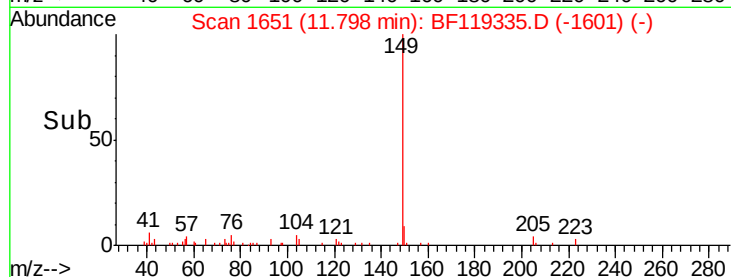
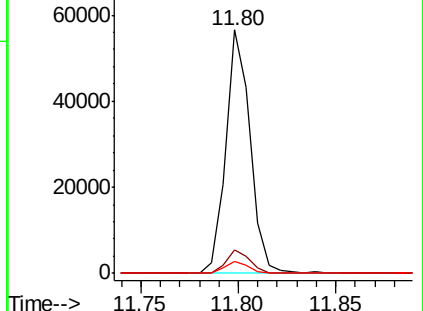
104 4.9 4.6 6.8



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: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119335.D

Acq: 11 Mar 2020 5:31

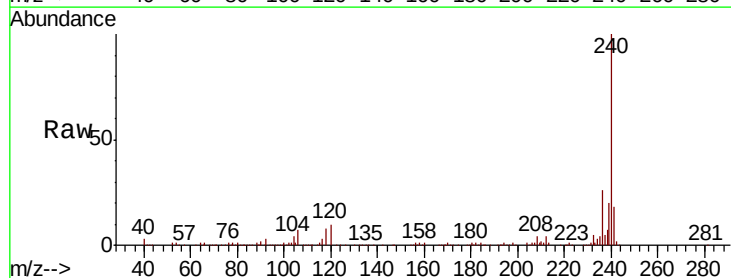
Tgt Ion:240 Resp: 259589

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

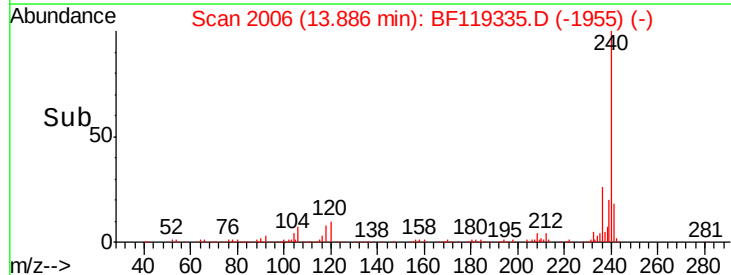
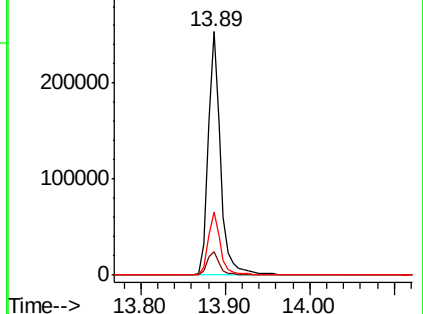
236 25.8 21.0 31.4

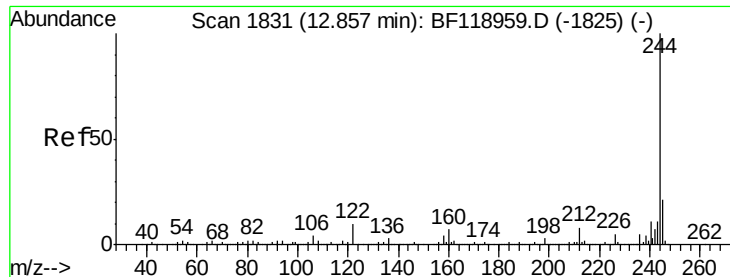


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.789 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119335.D

Acq: 11 Mar 2020 5:31

Instrument :

BNA_F

ClientSampleId :

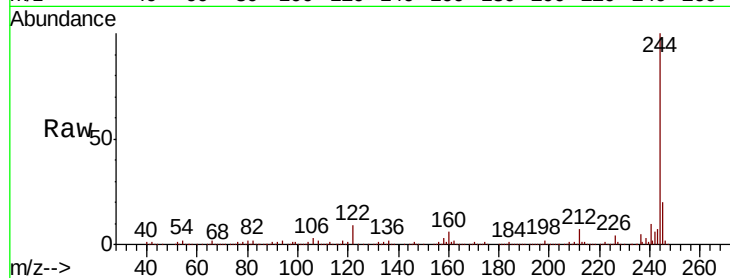
Tot Ion:244 Resp: 1248265

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

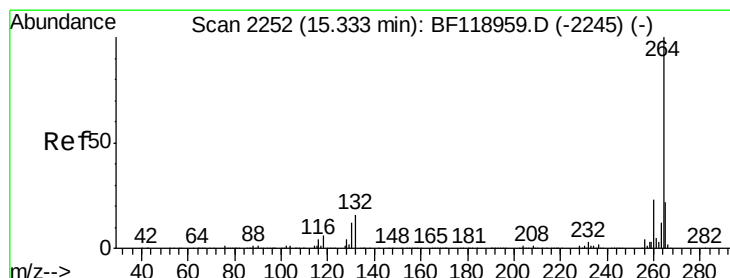
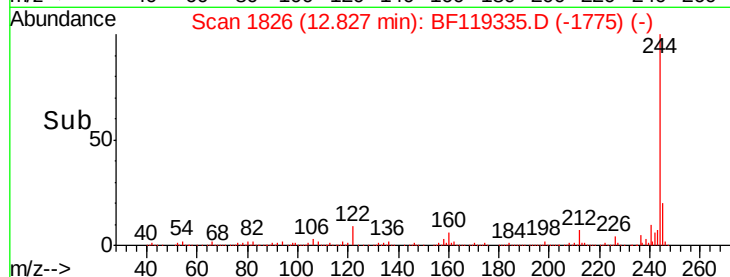
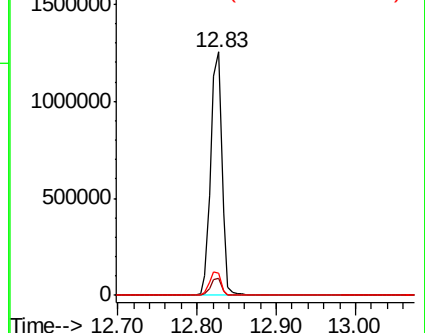
122 8.9 8.2 12.2



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. 0.01 min

Lab File: BF119335.D

Acq: 11 Mar 2020 5:31

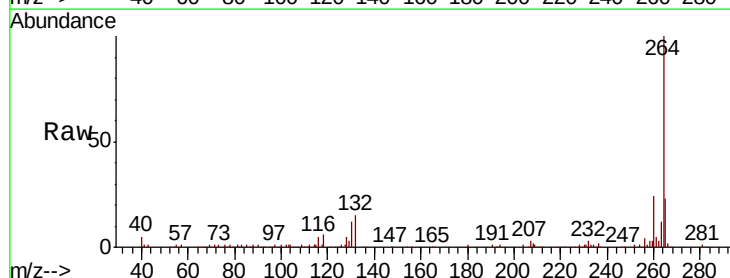
Tgt Ion:264 Resp: 212068

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.6 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

