

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119855.D
 Acq On : 9 Apr 2020 5:50
 Operator : MA/SJ
 Sample : L2151-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 06:22:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	191768	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	811828	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	424516	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	838645	20.00	ng	0.00
76) Chrysene-d12	13.93	240	630158	20.00	ng	0.00
87) Perylene-d12	15.37	264	516805	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	823622	74.22	ng	0.00
7) Phenol-d6	6.39	99	617730	43.20	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1507676	96.08	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	773262	148.78	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2883709	96.44	ng	0.00
79) Terphenyl-d14	12.89	244	3231331	86.28	ng	0.00

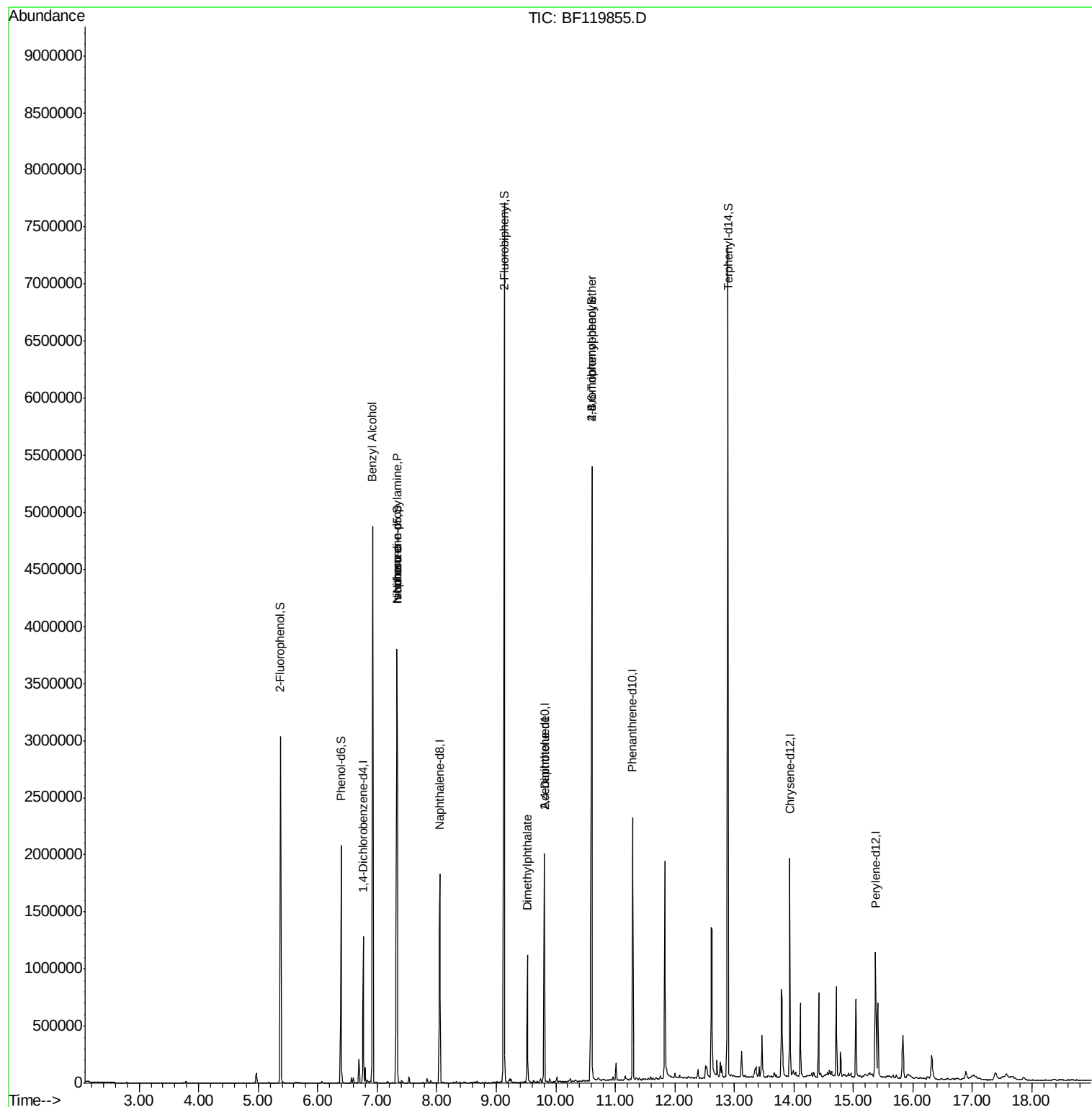
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.31	77	513	Below Cal		# 86
15) Benzyl Alcohol	6.92	79	22958	2.067	ng	# 54
19) n-Nitroso-di-n-propylamine	7.33	70	200480	21.804	ng	# 76
25) Isophorone	7.33	82	1497729	49.511	ng	# 65
50) Dimethylphthalate	9.53	163	464662	14.151	ng	# 98
57) 2,4-Dinitrotoluene	9.81	165	52952	5.589	ng	# 23
67) 4-Bromophenyl-phenylether	10.60	248	45707	4.383	ng	# 1

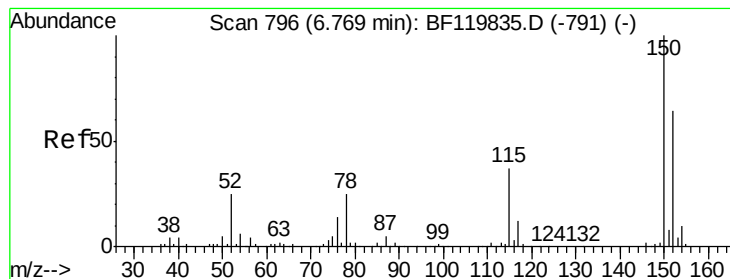
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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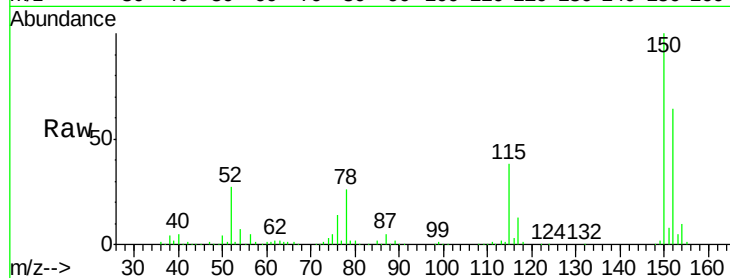


#1

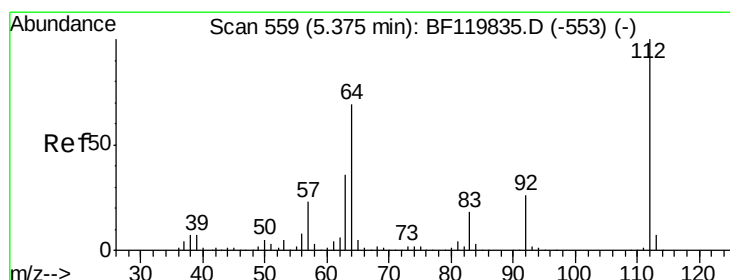
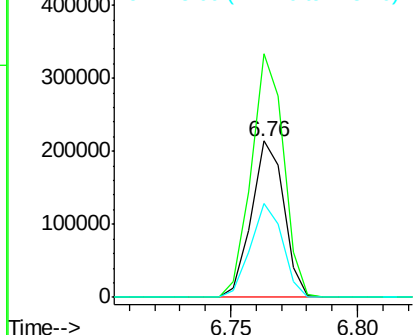
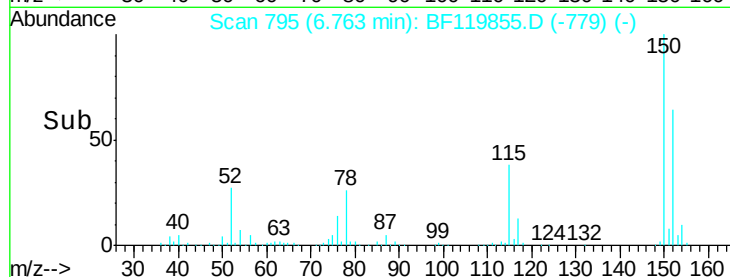
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 191768
Ion Ratio Lower Upper
152 100
150 155.8 124.8 187.2
115 59.9 46.5 69.7



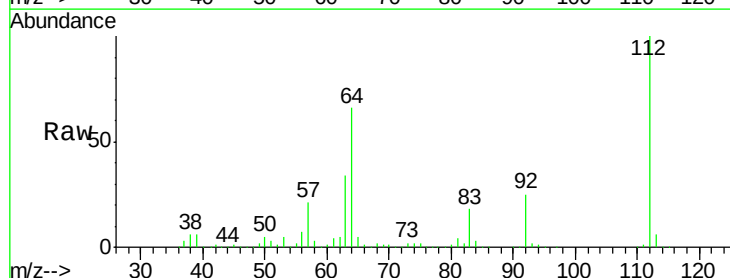
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



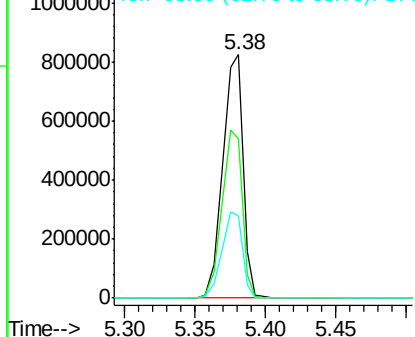
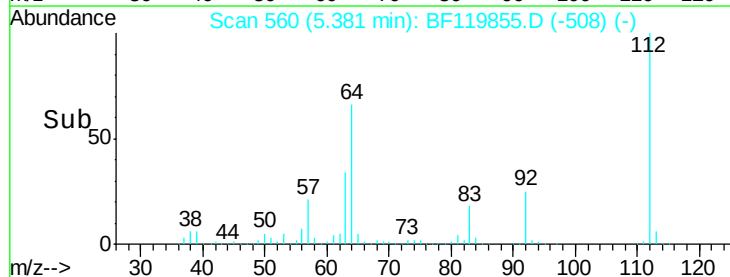
#5

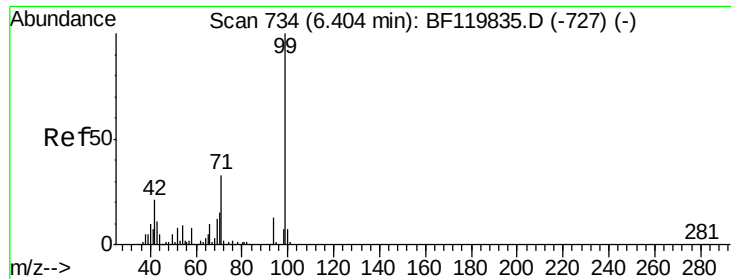
2-Fluorophenol
Concen: 74.224 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

Tgt Ion:112 Resp: 823622
Ion Ratio Lower Upper
112 100
64 65.5 55.5 83.3
63 33.6 29.1 43.7



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: 43.203 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

Instrument :

BNA_F

ClientSampled :

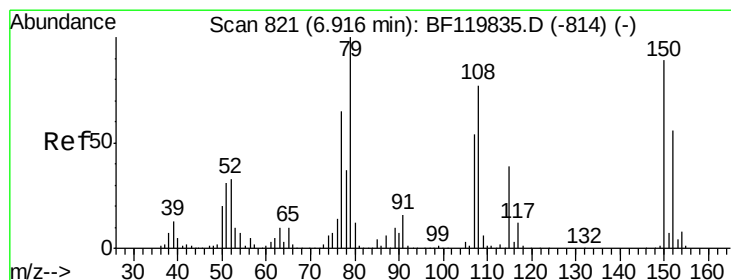
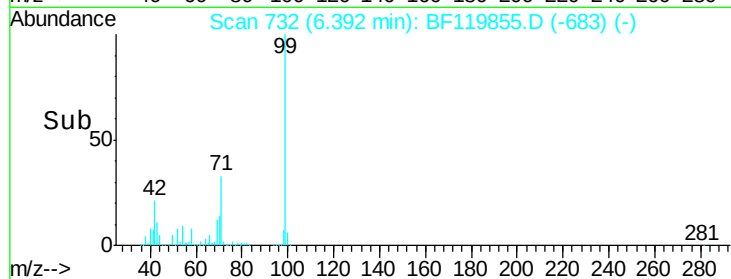
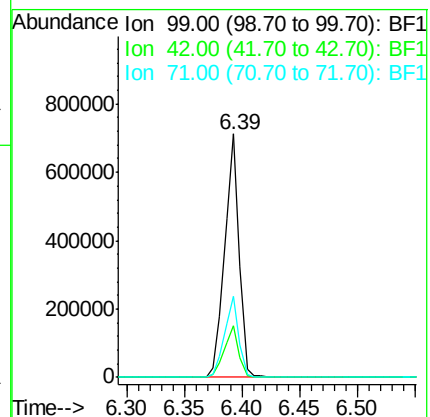
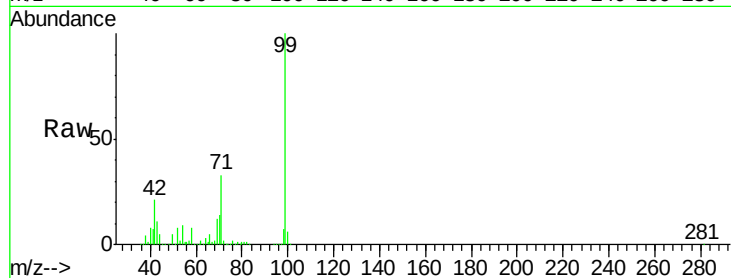
Tot Ion: 99 Resp: 617730

Ion Ratio Lower Upper

99 100

42 21.1 16.9 25.3

71 33.5 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.067 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

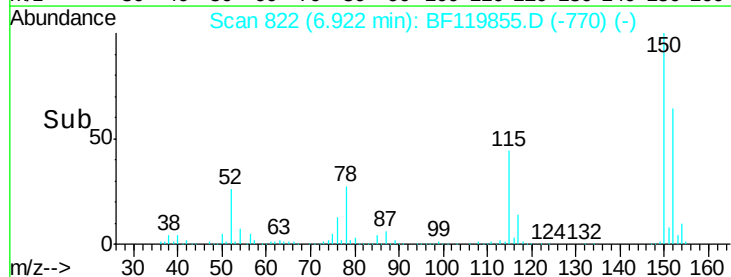
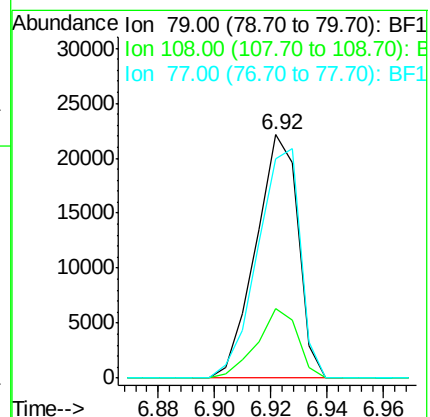
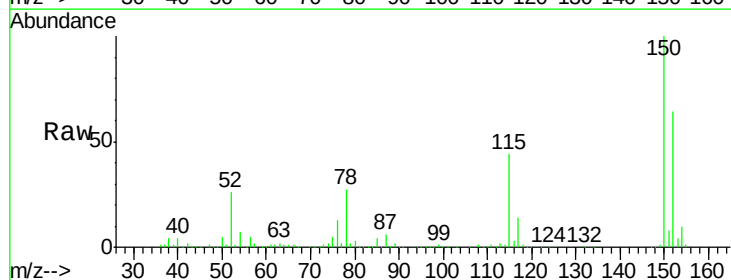
Tgt Ion: 79 Resp: 22958

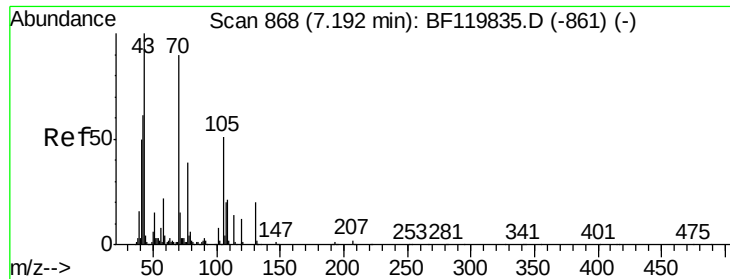
Ion Ratio Lower Upper

79 100

108 28.5 62.0 93.0#

77 90.2 51.8 77.6#

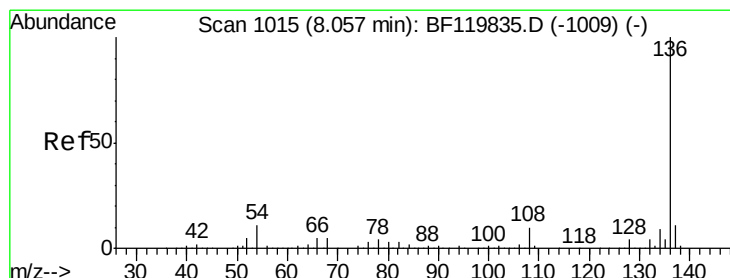
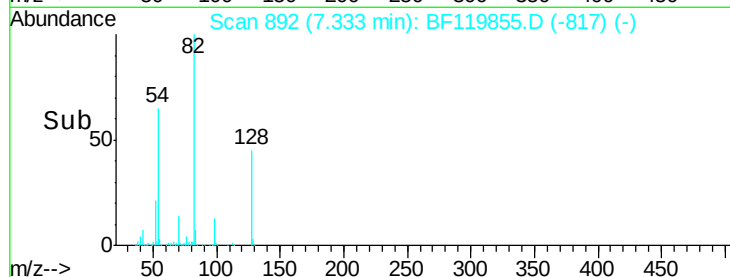
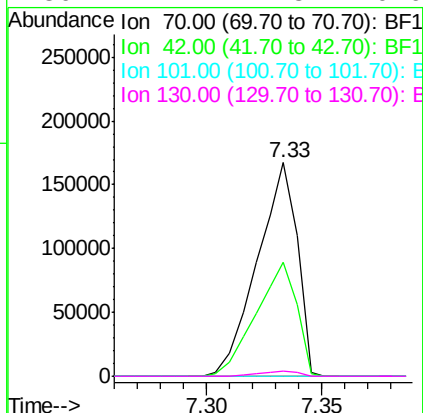
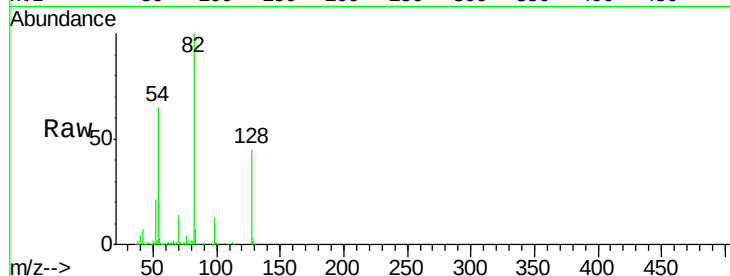




#19
n-Nitroso-di-n-propylamine
Concen: 21.804 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

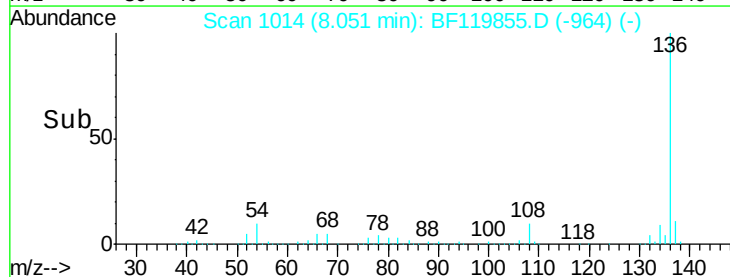
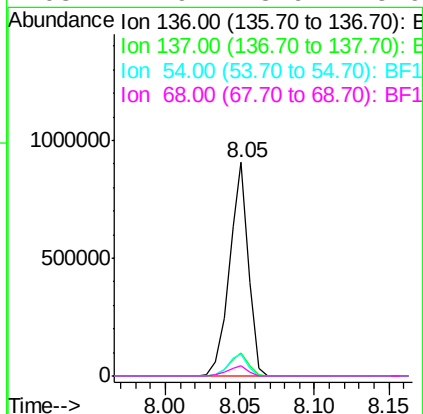
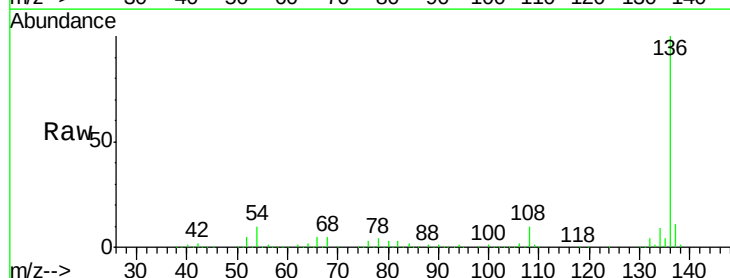
Instrument :
BNA_F
ClientSampled :

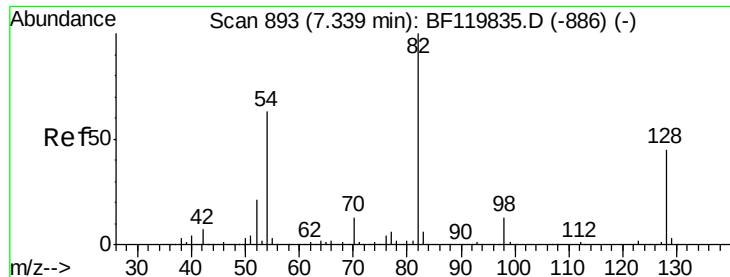
Tot Ion: 70 Resp: 200480
Ion Ratio Lower Upper
70 100
42 53.3 54.2 81.4#
101 0.0 7.4 11.2#
130 2.4 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

Tgt Ion: 136 Resp: 811828
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.4 8.5 12.7
68 4.9 3.9 5.9

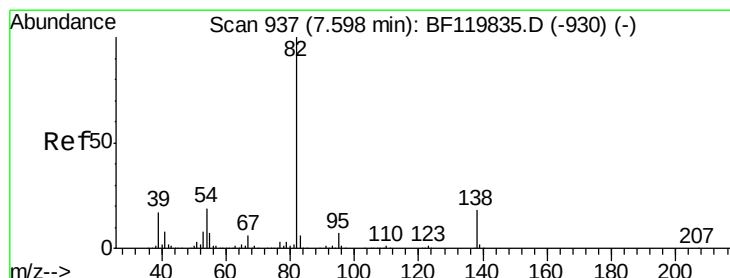
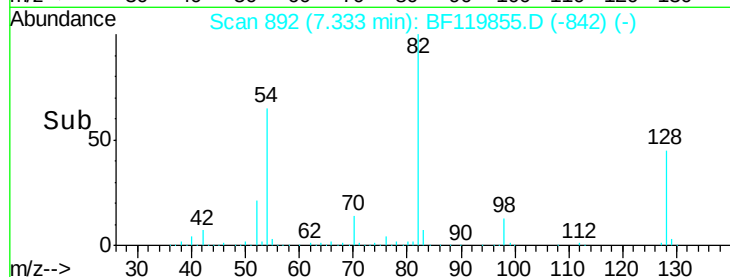
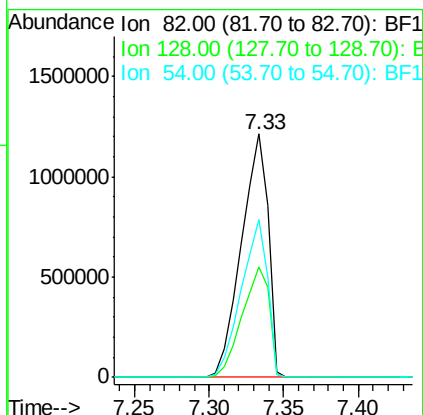
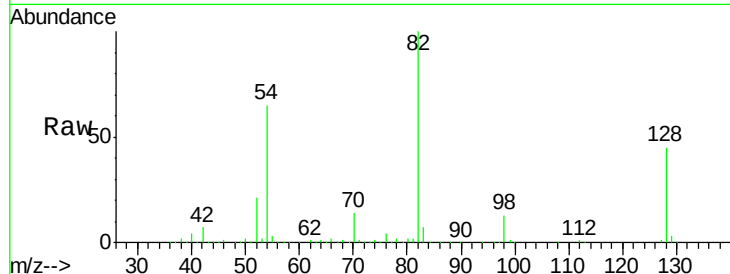




#23
Nitrobenzene-d5
Concen: 96.076 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

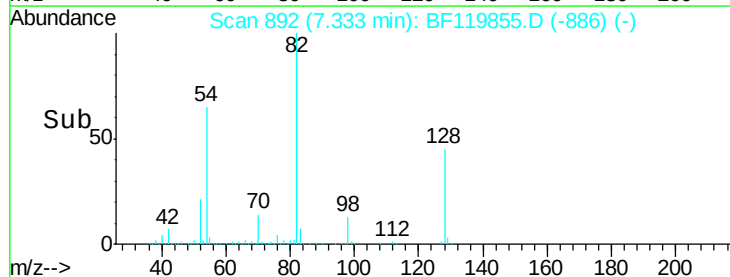
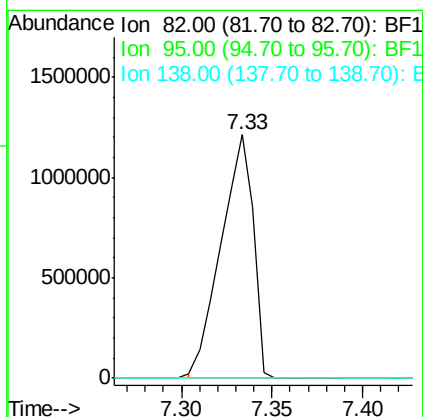
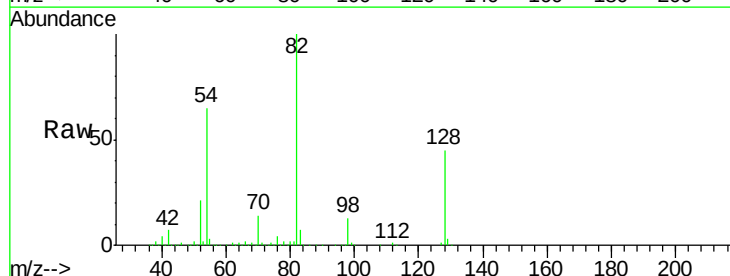
Instrument :
BNA_F
ClientSampleId :

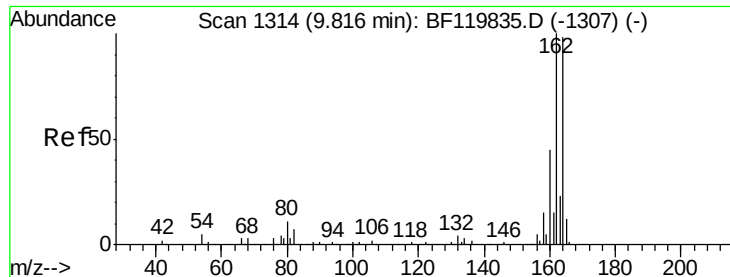
Tot Ion: 82 Resp: 1507676
Ion Ratio Lower Upper
82 100
128 45.3 36.2 54.4
54 64.6 50.4 75.6



#25
Isophorone
Concen: 49.511 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF119855.D
Acq: 9 Apr 2020 5:50

Tgt Ion: 82 Resp: 1497729
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#

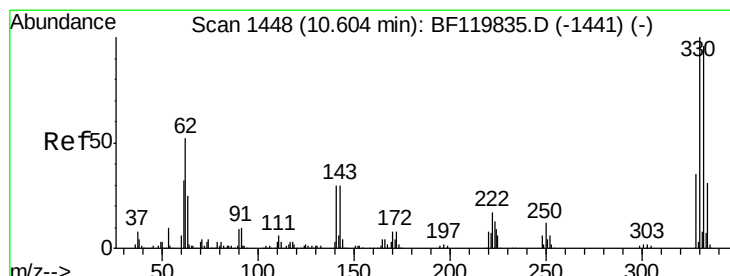
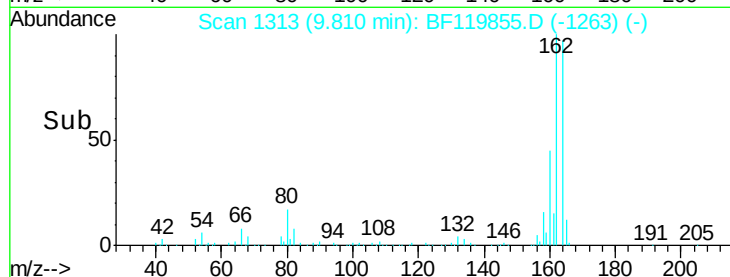
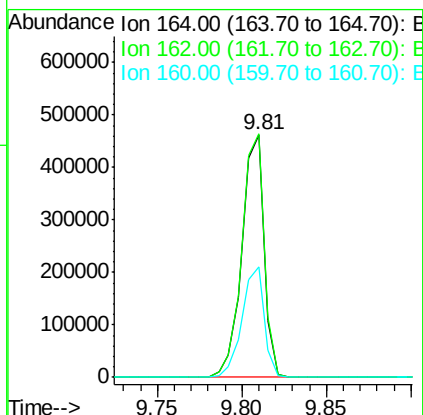
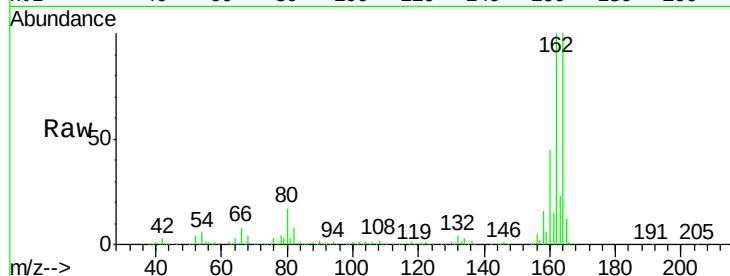




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

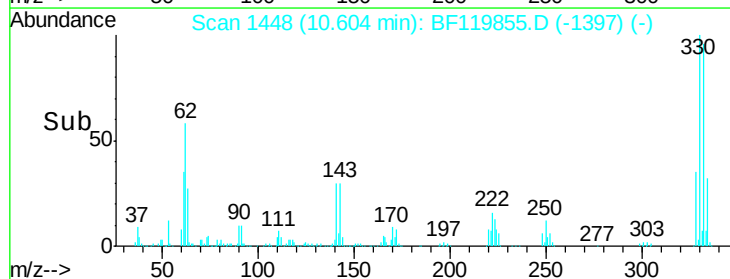
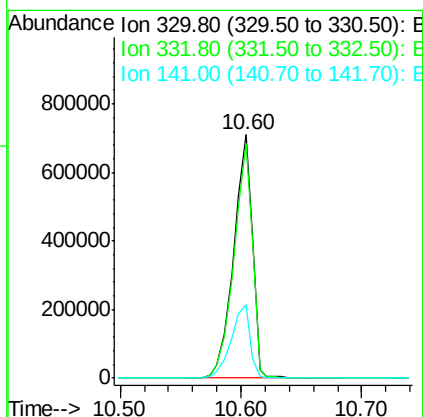
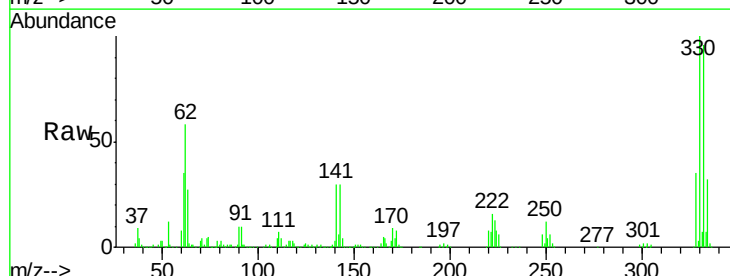
Instrument :
 BNA_F
 ClientSampleId :

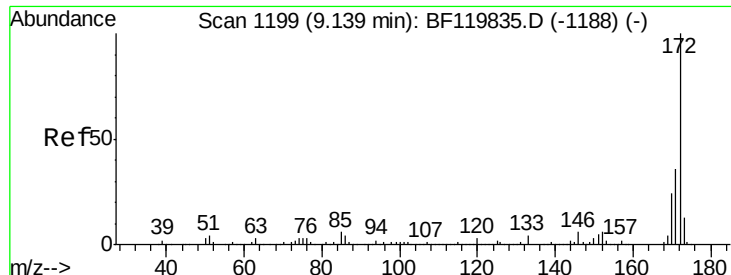
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.9	122.9
160	45.4	36.6	54.8



#42
 2,4,6-Tribromophenol
 Concen: 148.775 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	30.7	25.1	37.7



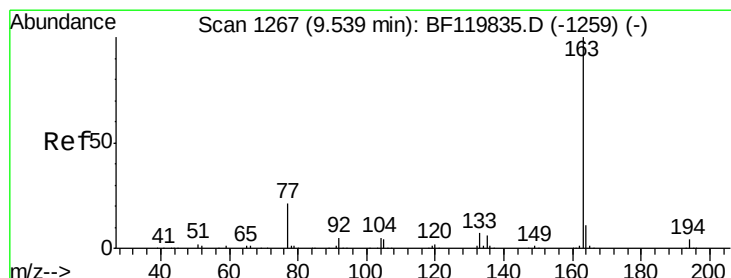
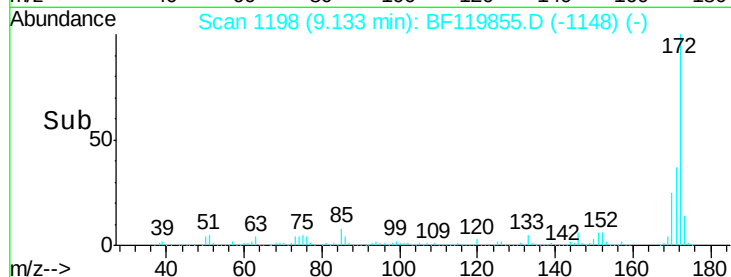
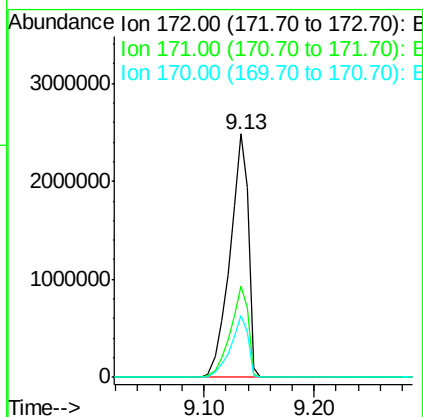
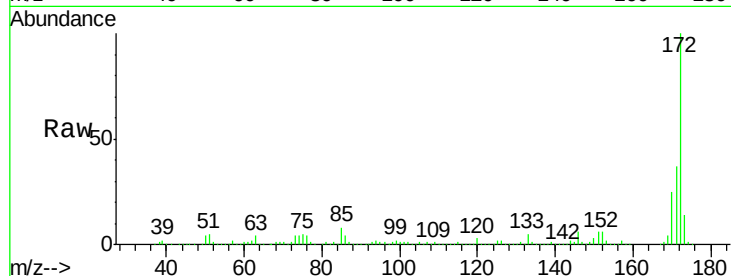


#45
 2-Fluorobiphenyl
 Concen: 96.445 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2883709

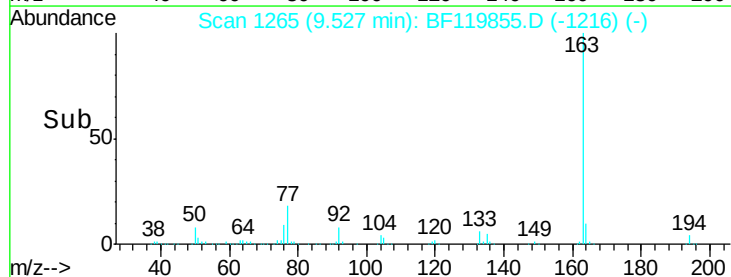
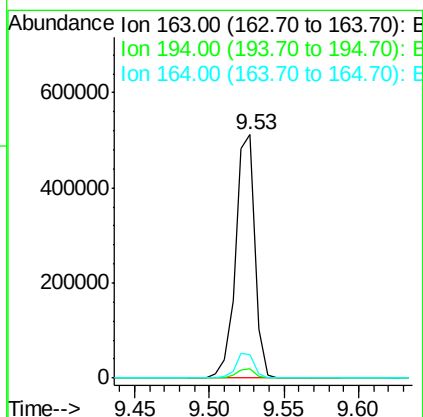
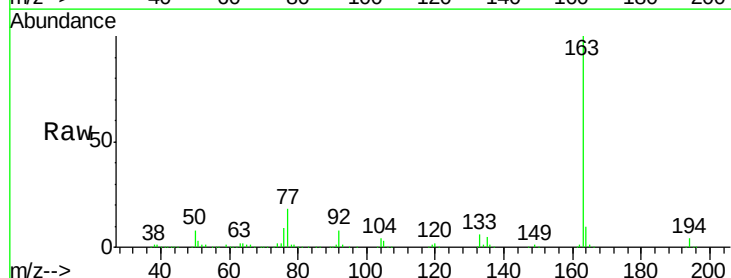
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.2	19.4	29.2

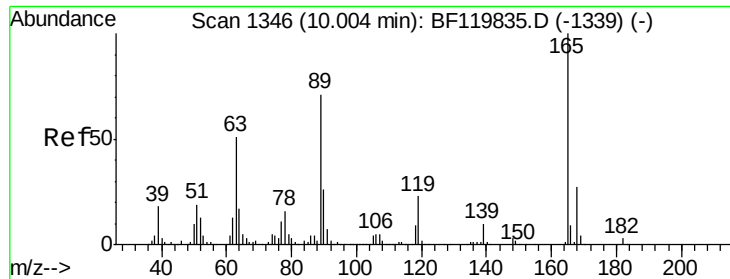


#50
 Dimethylphthalate
 Concen: 14.151 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Tgt Ion:163 Resp: 464662

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.6	8.4	12.6





#57

2,4-Dinitrotoluene

Concen: 5.589 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 52952

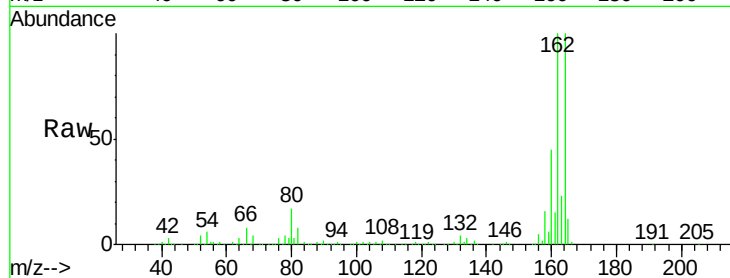
Ion Ratio Lower Upper

165 100

63 2.0 40.8 61.2#

89 1.2 56.9 85.3#

182 0.0 2.0 3.0#

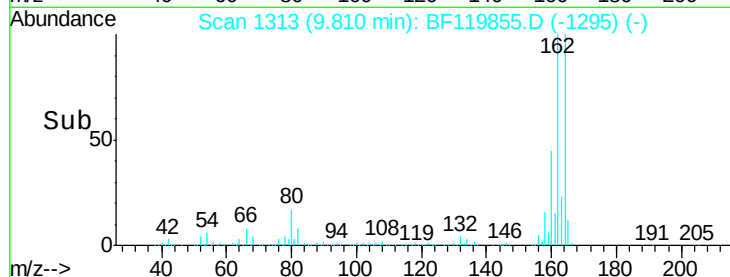


Abundance Ion 165.00 (164.70 to 165.70): E

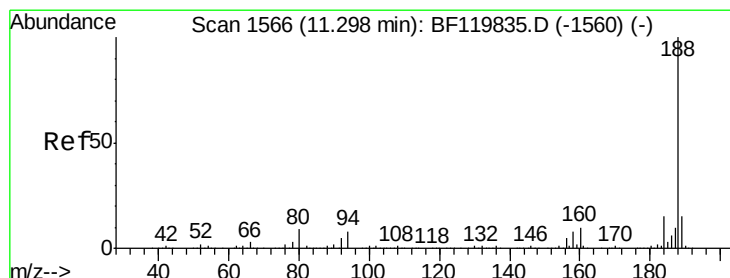
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

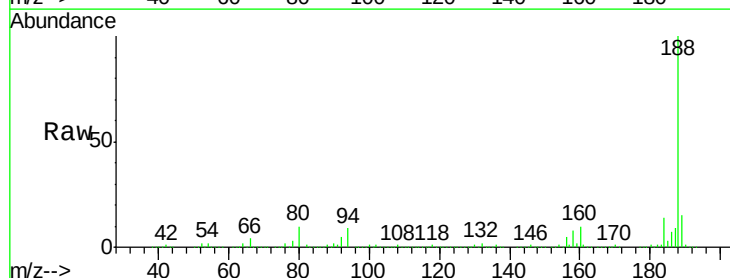
Tgt Ion:188 Resp: 838645

Ion Ratio Lower Upper

188 100

94 9.5 6.7 10.1

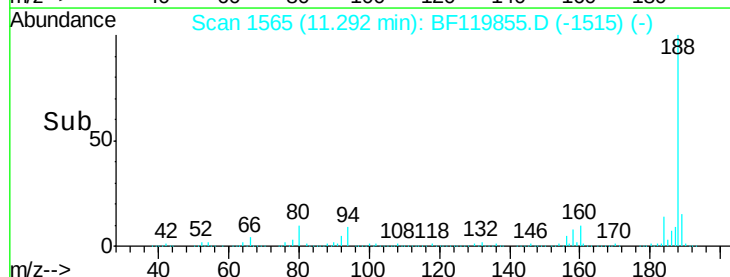
80 9.8 7.4 11.2



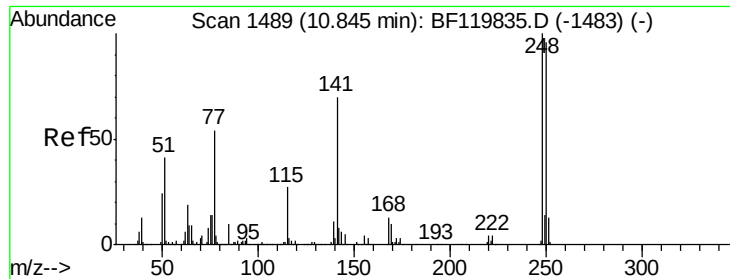
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



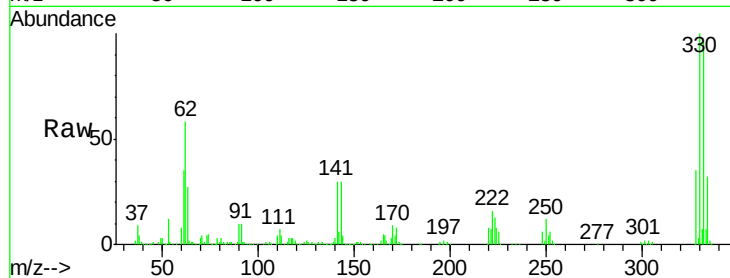
Time-->



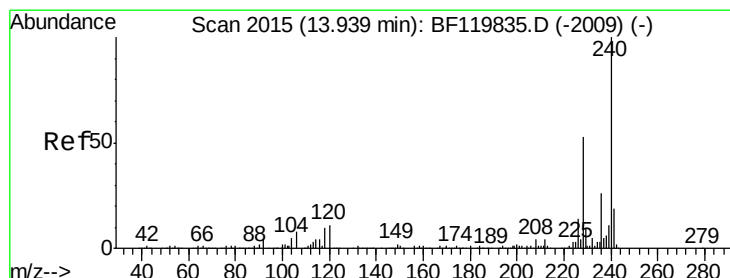
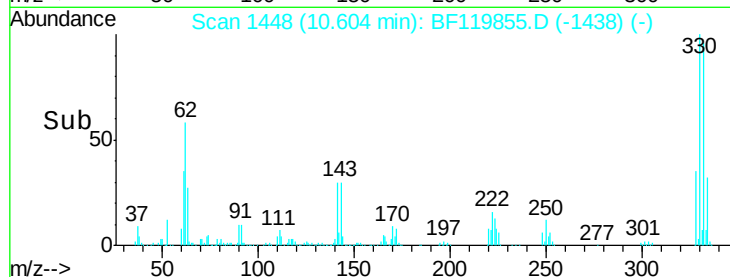
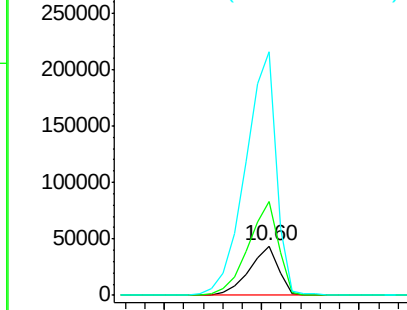
#67
 4-Bromophenyl-phenylether
 Concen: 4.383 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 45707
 Ion Ratio Lower Upper
 248 100
 250 190.8 76.6 114.8#
 141 495.9 55.9 83.9#

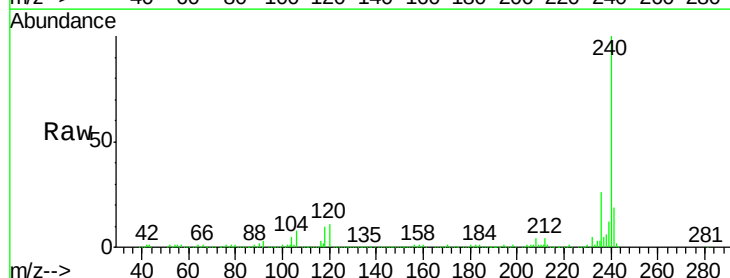


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

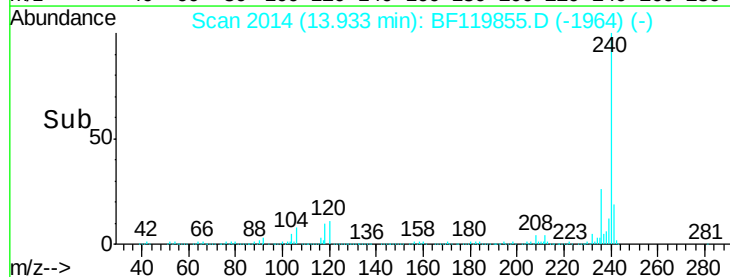
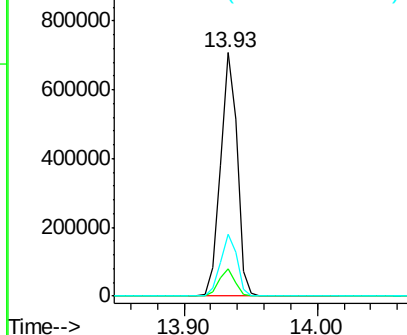


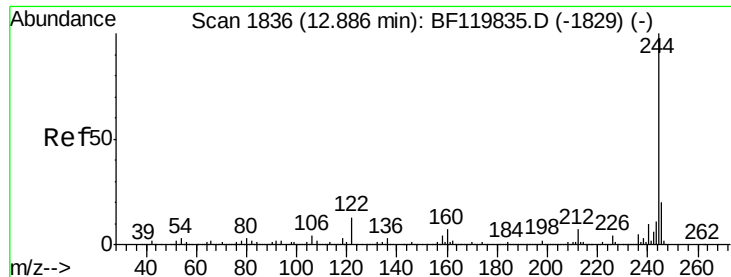
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119855.D
 Acq: 9 Apr 2020 5:50

Tgt Ion:240 Resp: 630158
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.0 13.6
 236 25.5 20.7 31.1



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: 86.283 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

Instrument :

BNA_F

ClientSampleId :

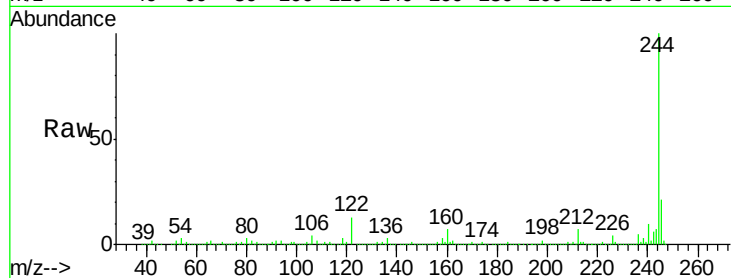
Tot Ion:244 Resp: 3231331

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

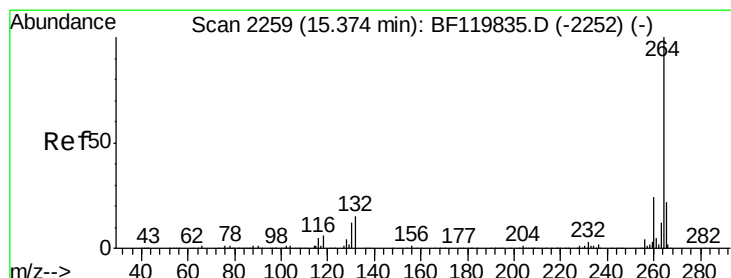
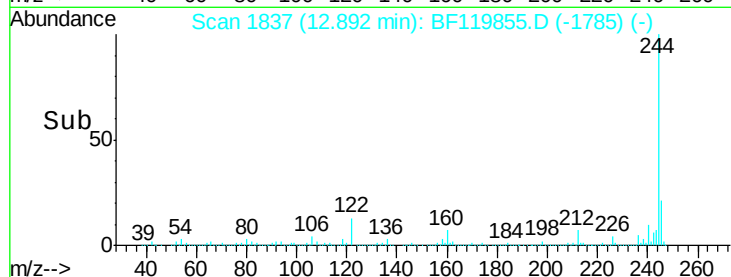
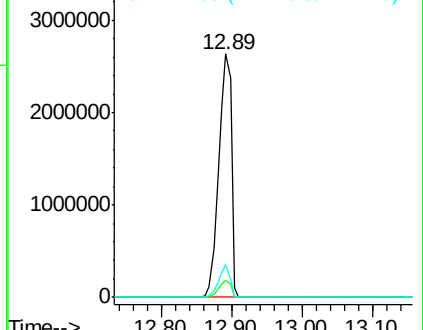
122 13.4 10.3 15.5



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: 15.37 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BF119855.D

Acq: 9 Apr 2020 5:50

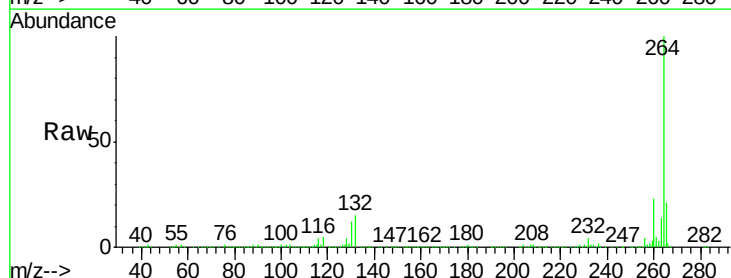
Tgt Ion:264 Resp: 516805

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.1 17.6 26.4



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

