

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119881.D
 Acq On : 9 Apr 2020 20:33
 Operator : MA/SJ
 Sample : L2166-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:31:02 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

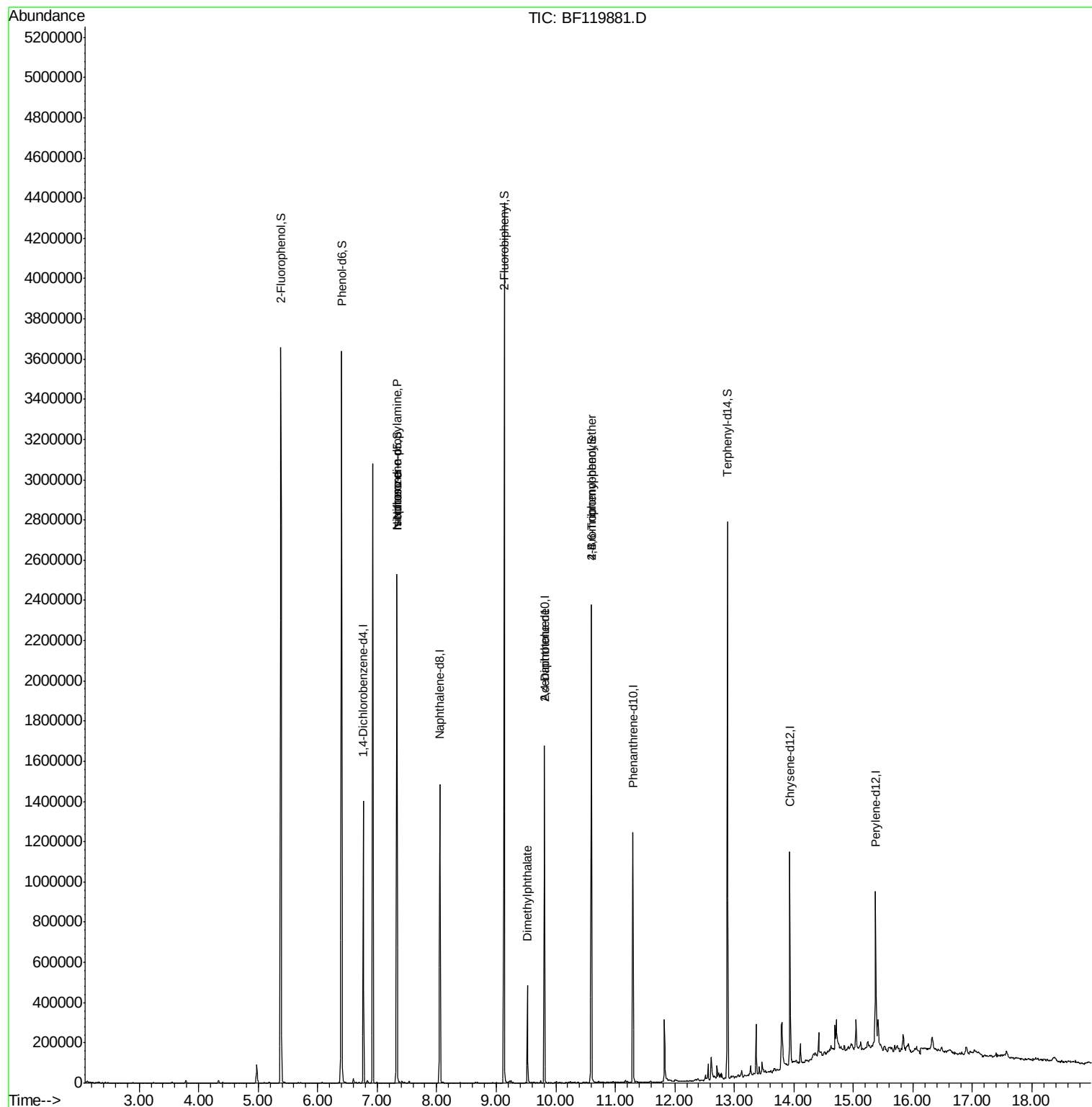
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	191174	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	600131	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	297572	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	468376	20.00	ng	0.00
76) Chrysene-d12	13.93	240	357499	20.00	ng	0.00
87) Perylene-d12	15.37	264	338984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	952933	86.14	ng	0.00
7) Phenol-d6	6.40	99	1200514	84.22	ng	0.00
23) Nitrobenzene-d5	7.33	82	745817	64.29	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	259604	71.26	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1224478	58.42	ng	0.00
79) Terphenyl-d14	12.89	244	965583	45.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	1721	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.33	70	98955	10.796	ng	# 77
25) Isophorone	7.33	82	742387	33.198	ng	# 65
50) Dimethylphthalate	9.53	163	184080	7.998	ng	97
57) 2,4-Dinitrotoluene	9.81	165	38218	5.755	ng	# 23
67) 4-Bromophenyl-phenylether	10.60	248	16303	2.799	ng	# 1

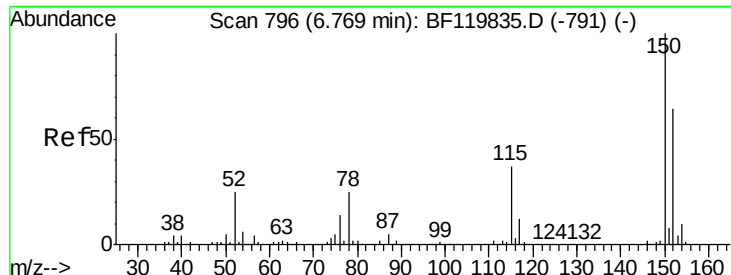
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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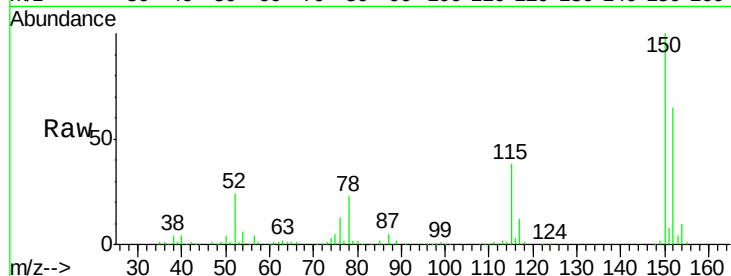


#1

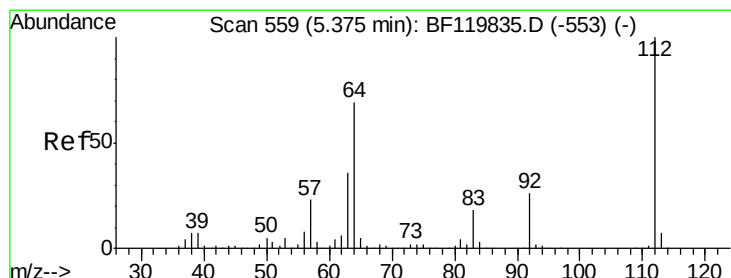
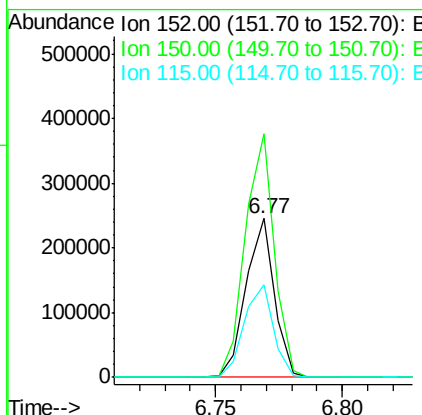
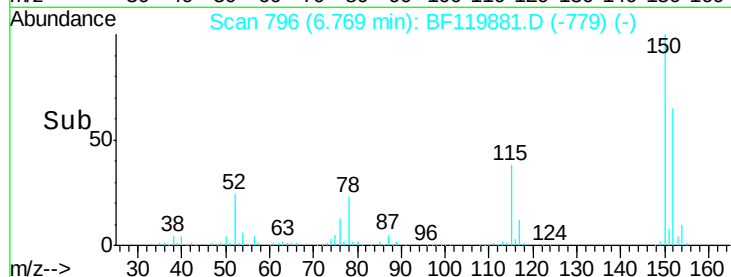
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119881.D
Acq: 9 Apr 2020 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 191174
Ion Ratio Lower Upper
152 100
150 153.3 124.8 187.2
115 57.9 46.5 69.7



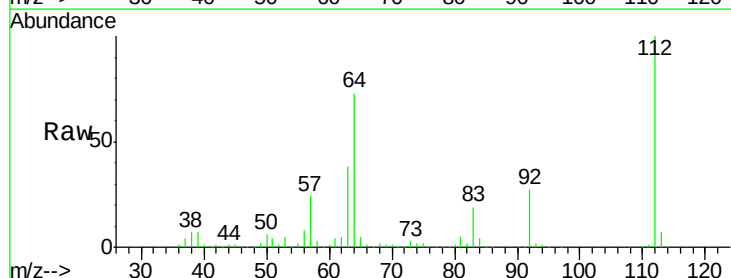
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



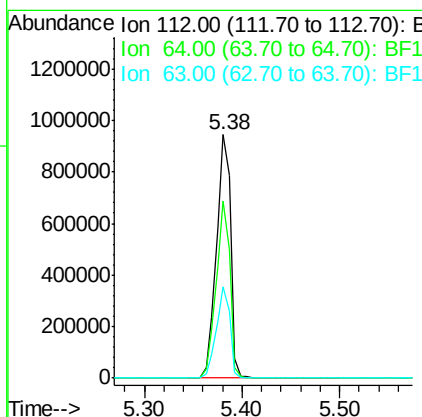
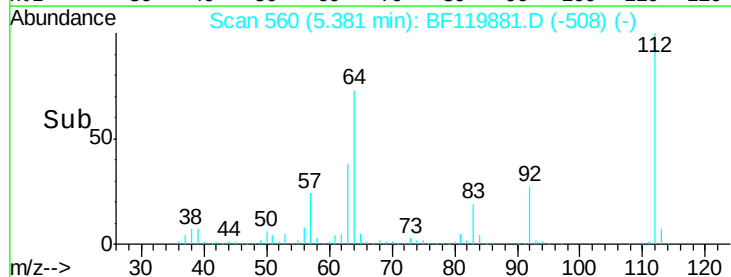
#5

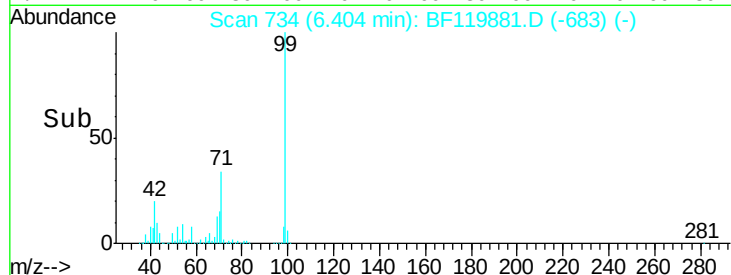
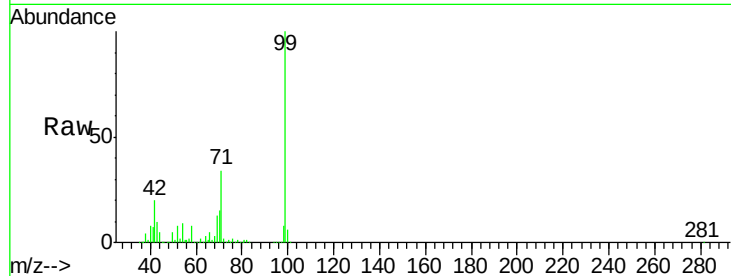
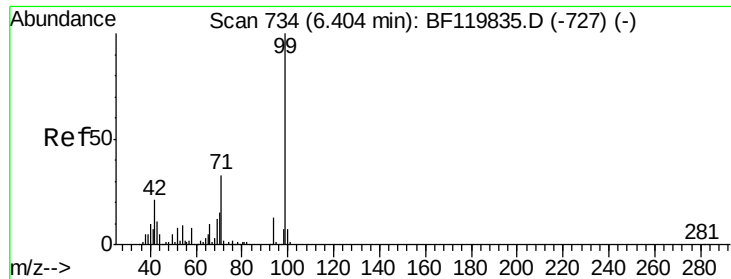
2-Fluorophenol
Concen: 86.144 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119881.D
Acq: 9 Apr 2020 20:33

Tgt Ion:112 Resp: 952933
Ion Ratio Lower Upper
112 100
64 73.0 55.5 83.3
63 37.7 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: 84.222 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119881.D

Acq: 9 Apr 2020 20:33

Instrument :

BNA_F

ClientSampleId :

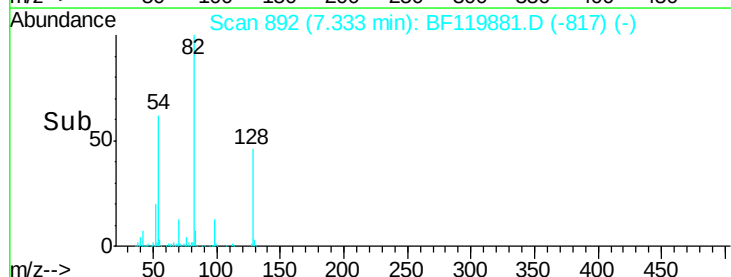
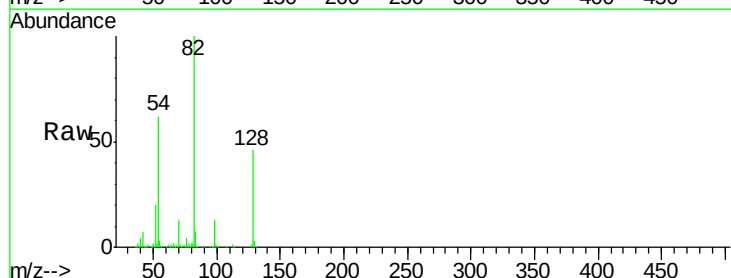
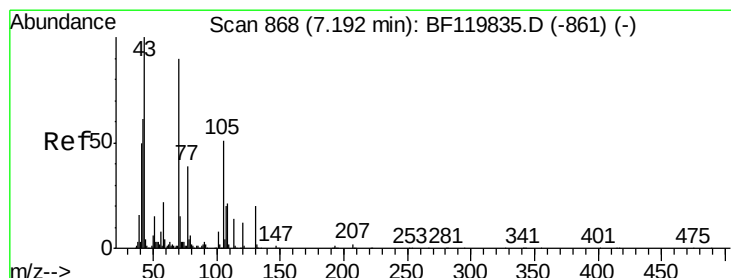
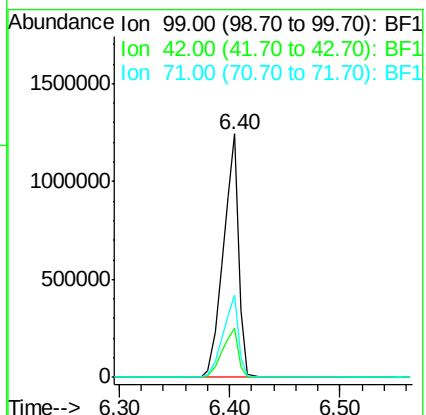
Tot Ion: 99 Resp: 1200514

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

71 33.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 10.796 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF119881.D

Acq: 9 Apr 2020 20:33

Tgt Ion: 70 Resp: 98955

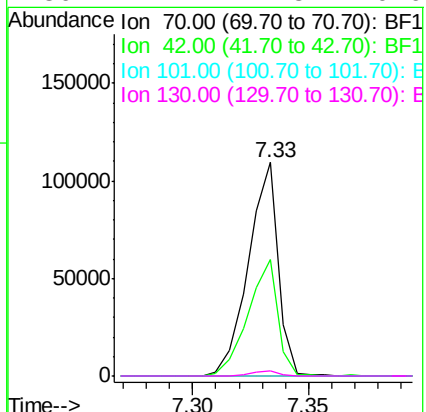
Ion Ratio Lower Upper

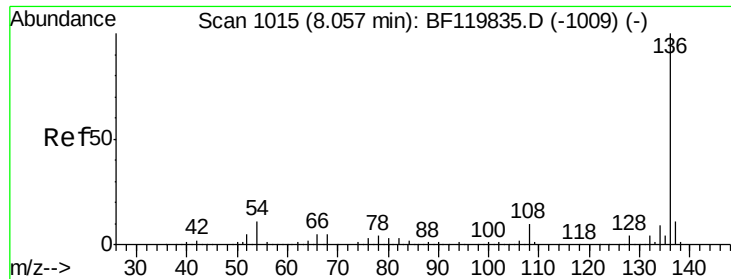
70 100

42 54.3 54.2 81.4

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#

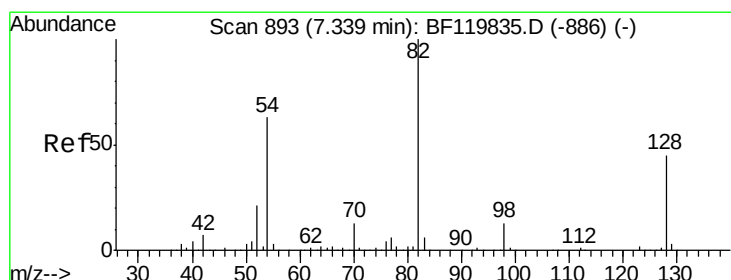
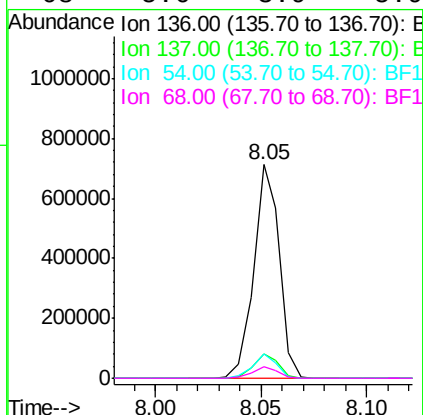
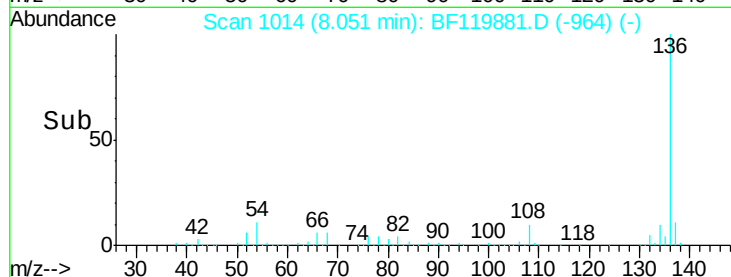
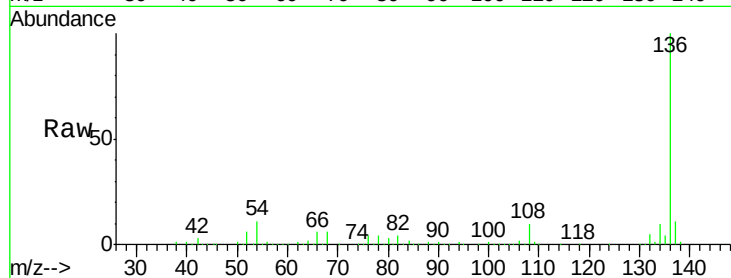




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119881.D
Acq: 9 Apr 2020 20:33

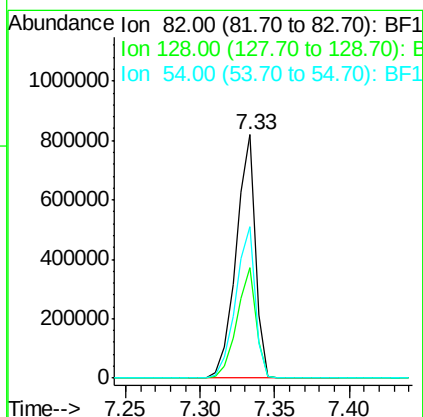
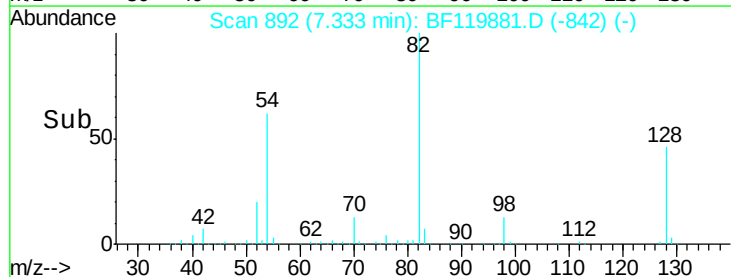
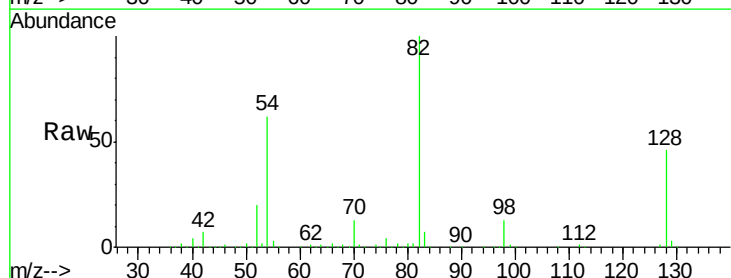
Instrument :
BNA_F
ClientSampleId :

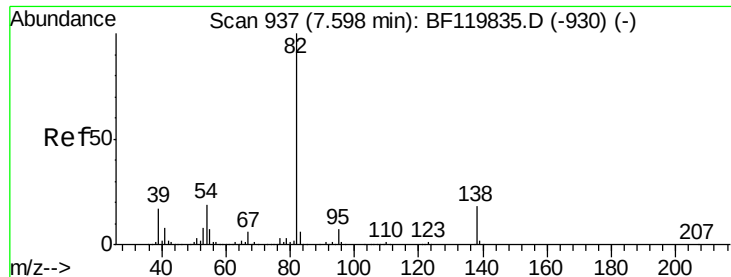
Tot Ion:136	Resp:	600131
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	11.3	8.5 12.7
68	5.6	3.9 5.9



#23
Nitrobenzene-d5
Concen: 64.292 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119881.D
Acq: 9 Apr 2020 20:33

Tgt Ion: 82	Resp:	745817
Ion	Ratio	Lower Upper
82	100	
128	45.5	36.2 54.4
54	62.1	50.4 75.6





#25

Isophorone

Concen: 33.198 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119881.D

Acq: 9 Apr 2020 20:33

Instrument :

BNA_F

ClientSampleId :

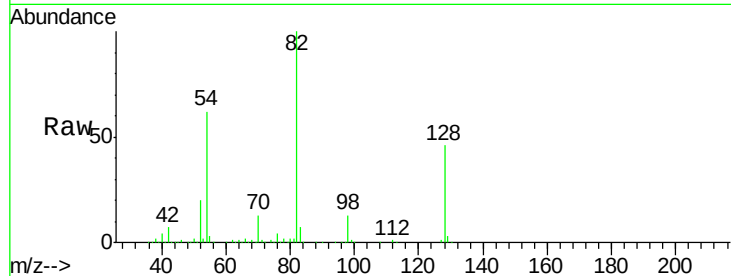
Tot Ion: 82 Resp: 742387

Ion Ratio Lower Upper

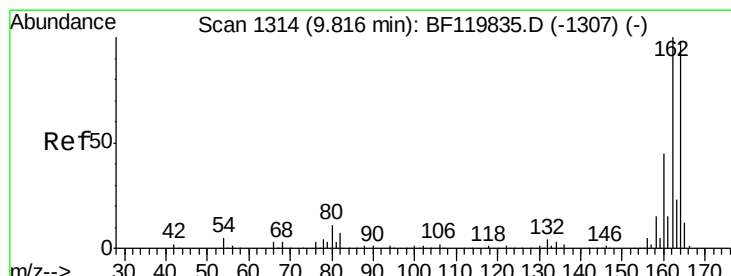
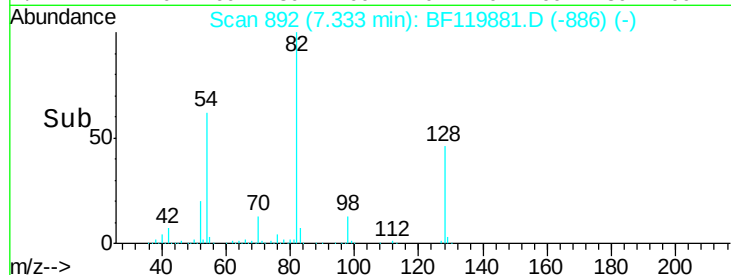
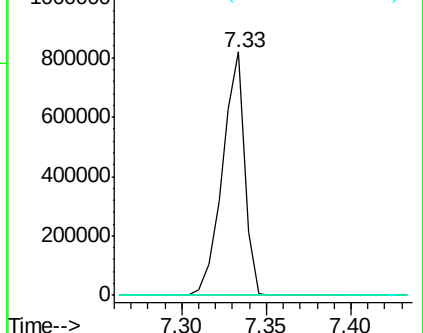
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119881.D

Acq: 9 Apr 2020 20:33

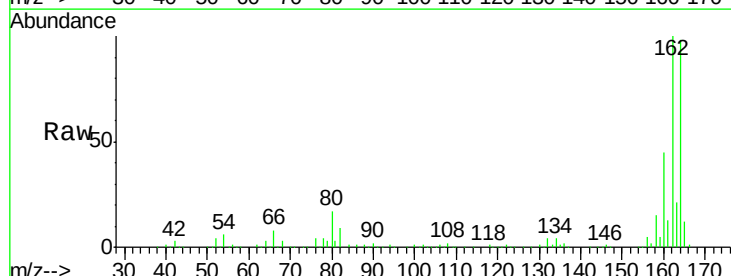
Tgt Ion: 164 Resp: 297572

Ion Ratio Lower Upper

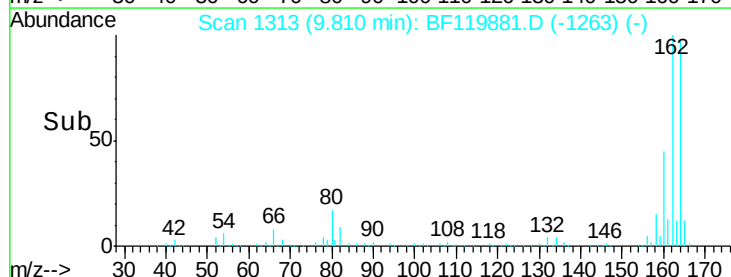
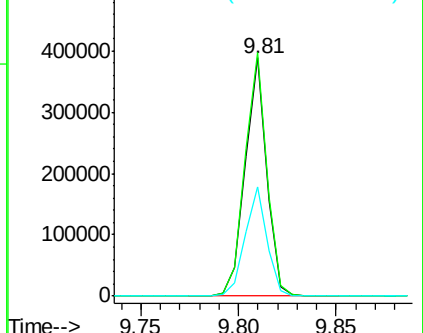
164 100

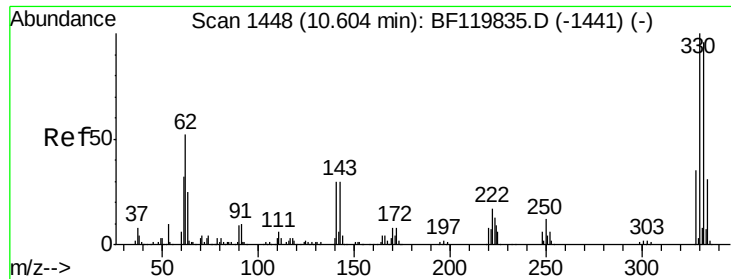
162 102.2 81.9 122.9

160 45.6 36.6 54.8



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

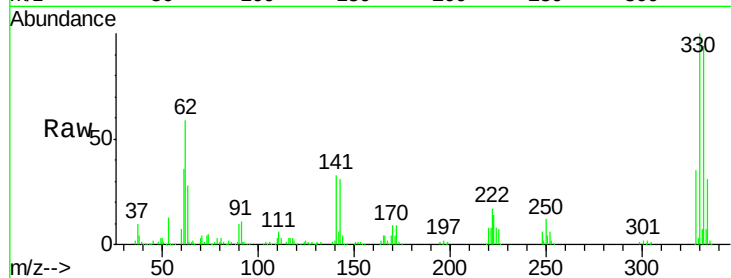




#42
 2,4,6-Tribromophenol
 Concen: 71.255 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119881.D
 Acq: 9 Apr 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	31.5	25.1	37.7

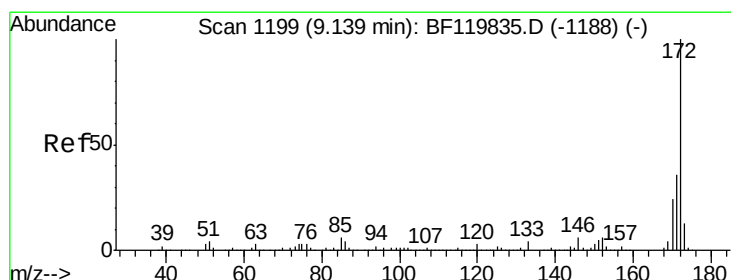
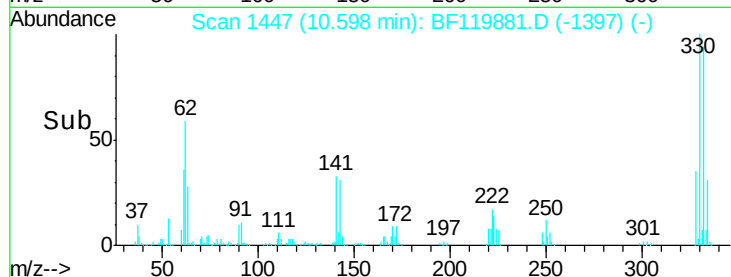
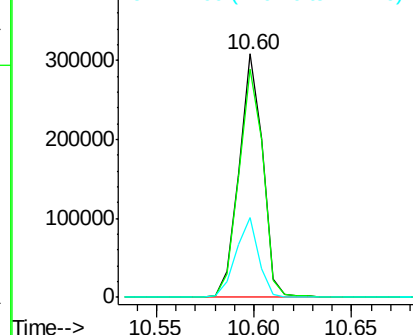


Abundance

Ion 329.80 (329.50 to 330.50): E

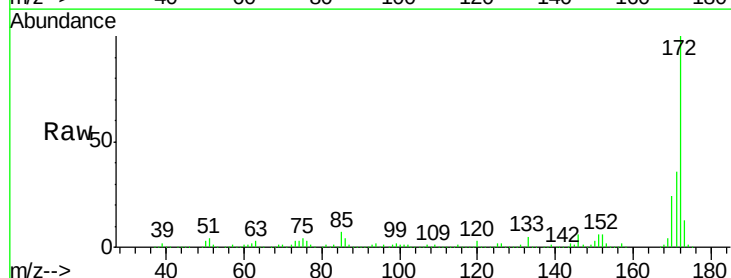
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.423 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119881.D
 Acq: 9 Apr 2020 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.0	19.4	29.2

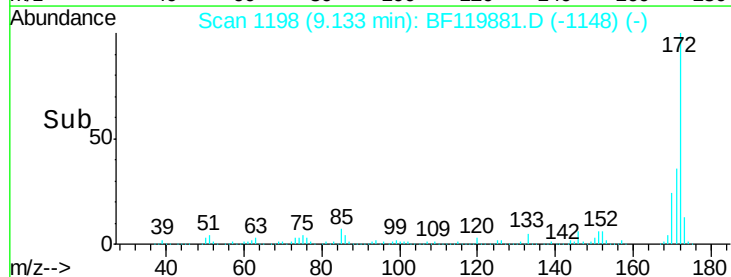
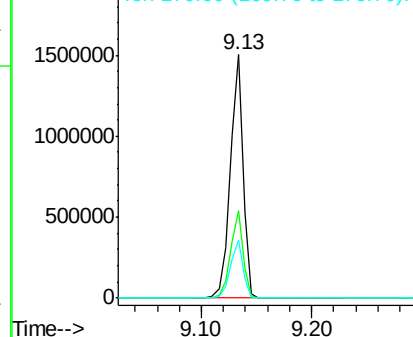


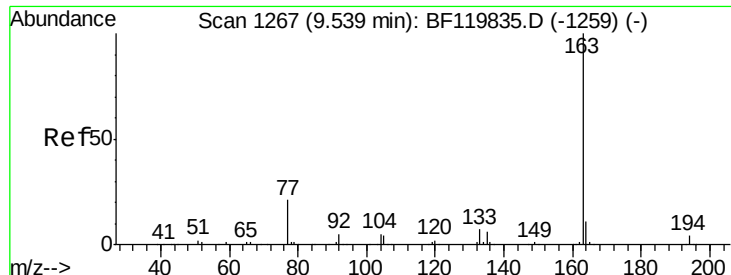
Abundance

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

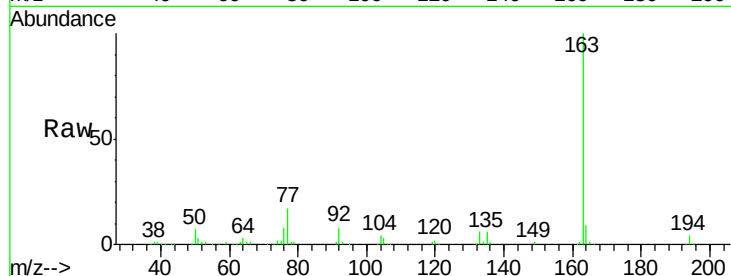




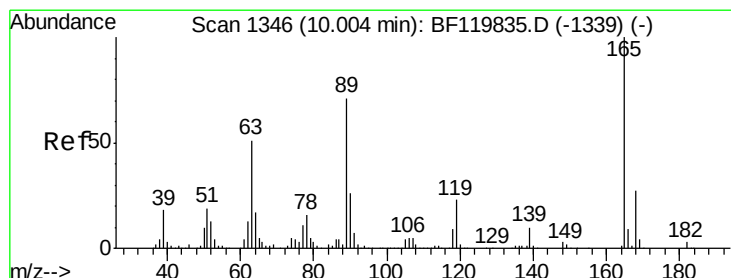
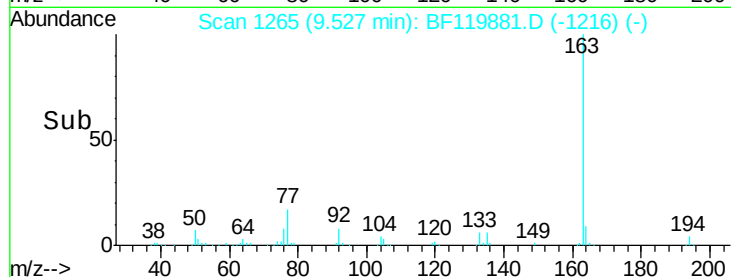
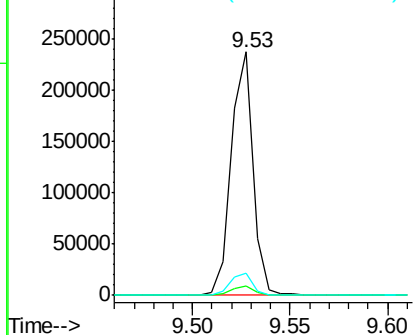
#50
Dimethylphthalate
Concen: 7.998 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119881.D
Acq: 9 Apr 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 184080
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.2 8.4 12.6

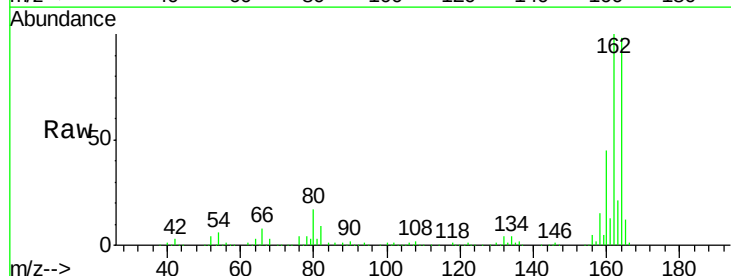


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

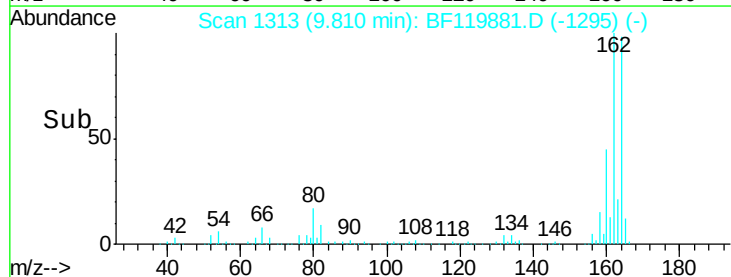
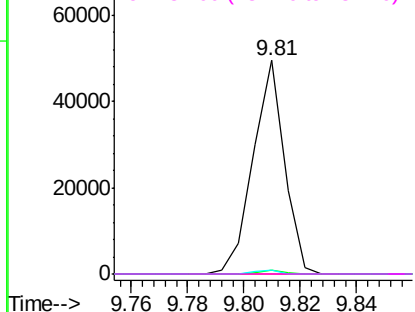


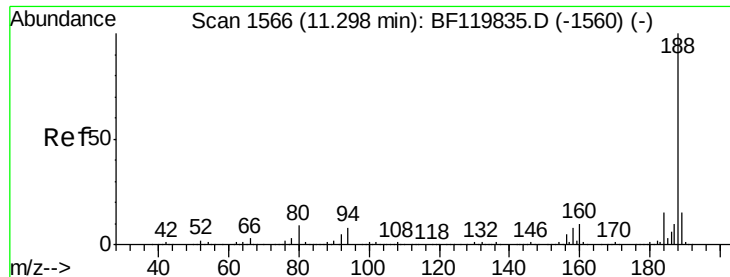
#57
2,4-Dinitrotoluene
Concen: 5.755 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF119881.D
Acq: 9 Apr 2020 20:33

Tgt Ion:165 Resp: 38218
Ion Ratio Lower Upper
165 100
63 1.7 40.8 61.2#
89 1.6 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

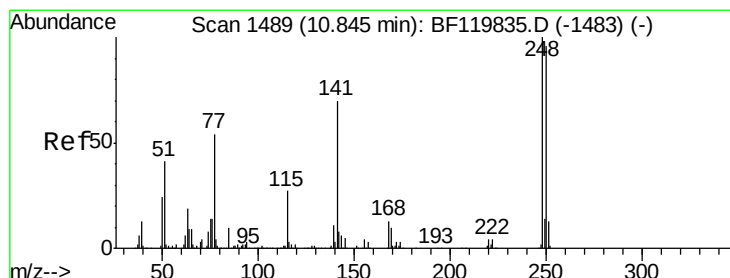
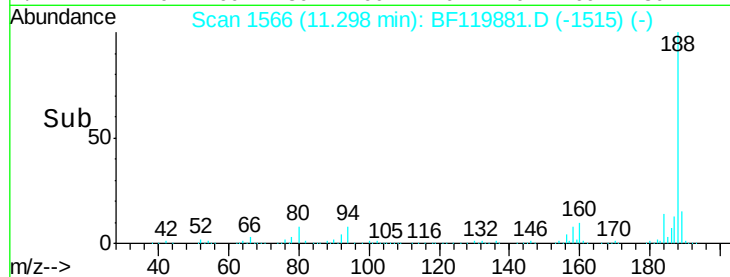
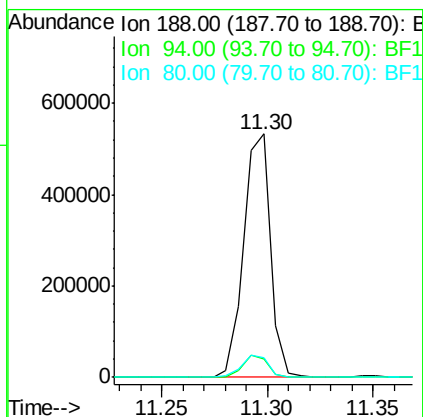
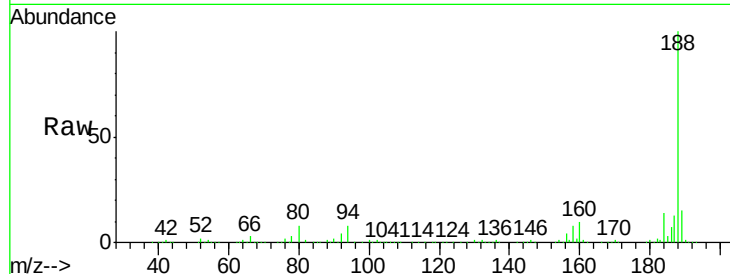




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF119881.D
 Acq: 9 Apr 2020 20:33

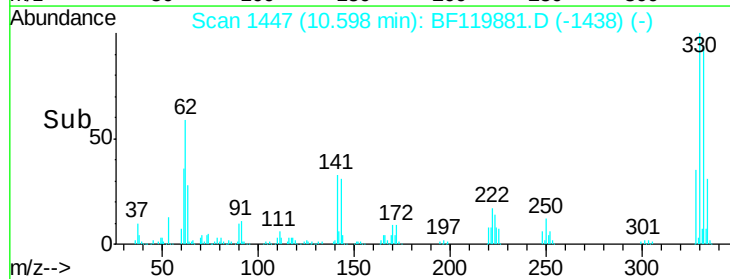
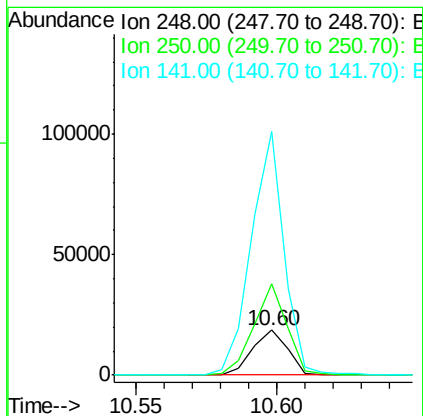
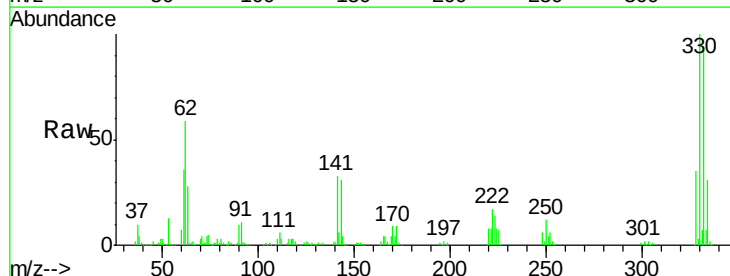
Instrument :
 BNA_F
 ClientSampleId :

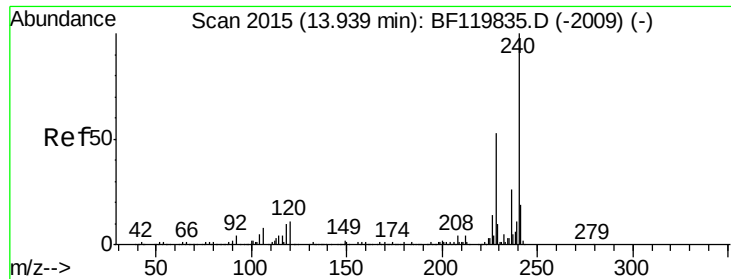
Tot Ion:188 Resp: 468376
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 8.1 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.799 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF119881.D
 Acq: 9 Apr 2020 20:33

Tgt Ion:248 Resp: 16303
 Ion Ratio Lower Upper
 248 100
 250 201.3 76.6 114.8#
 141 540.5 55.9 83.9#

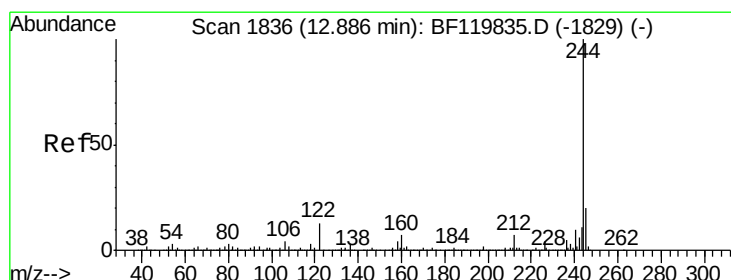
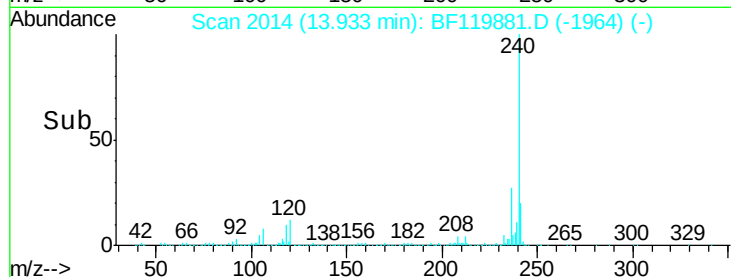
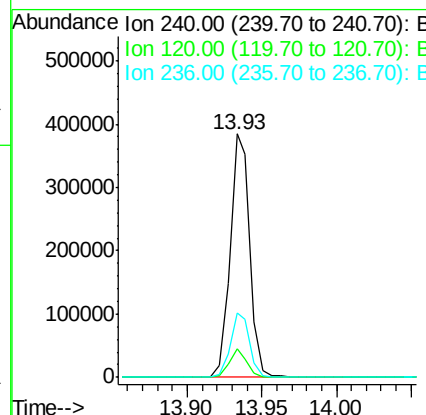
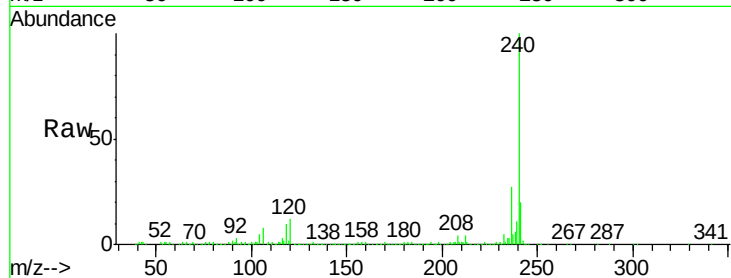




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119881.D
 Acq: 9 Apr 2020 20:33

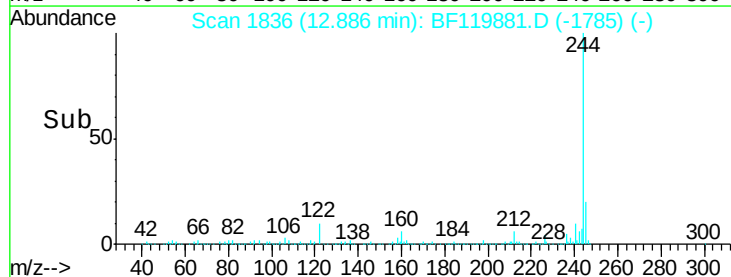
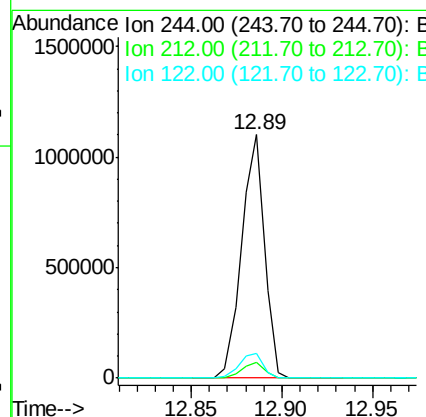
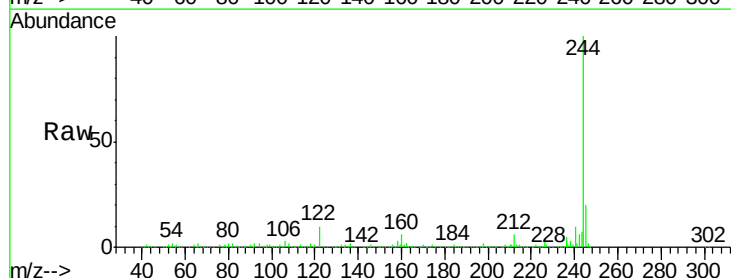
Instrument :
 BNA_F
 ClientSampled :

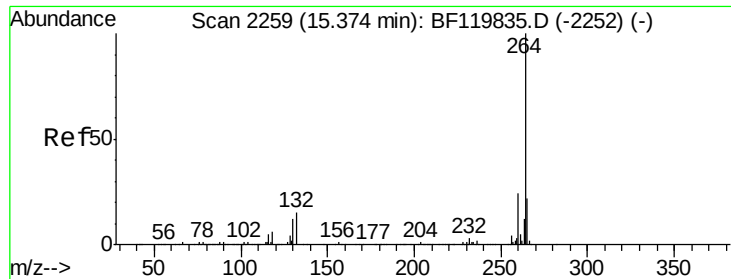
Tot Ion:240 Resp: 357499
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.0 13.6
 236 26.5 20.7 31.1



#79
 Terphenyl-d14
 Concen: 45.447 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BF119881.D
 Acq: 9 Apr 2020 20:33

Tgt Ion:244 Resp: 965583
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.0 10.3 15.5#

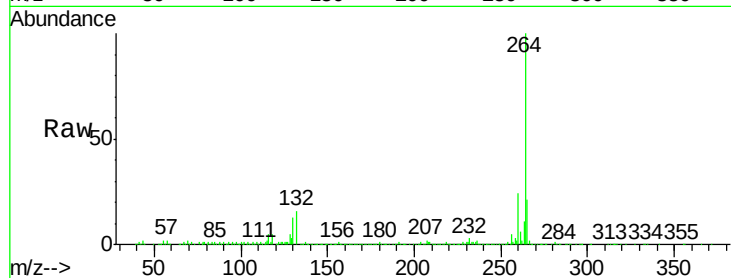




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119881.D
Acq: 9 Apr 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.4	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

