

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119883.D
 Acq On : 9 Apr 2020 21:26
 Operator : MA/SJ
 Sample : L2166-19 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:31:52 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

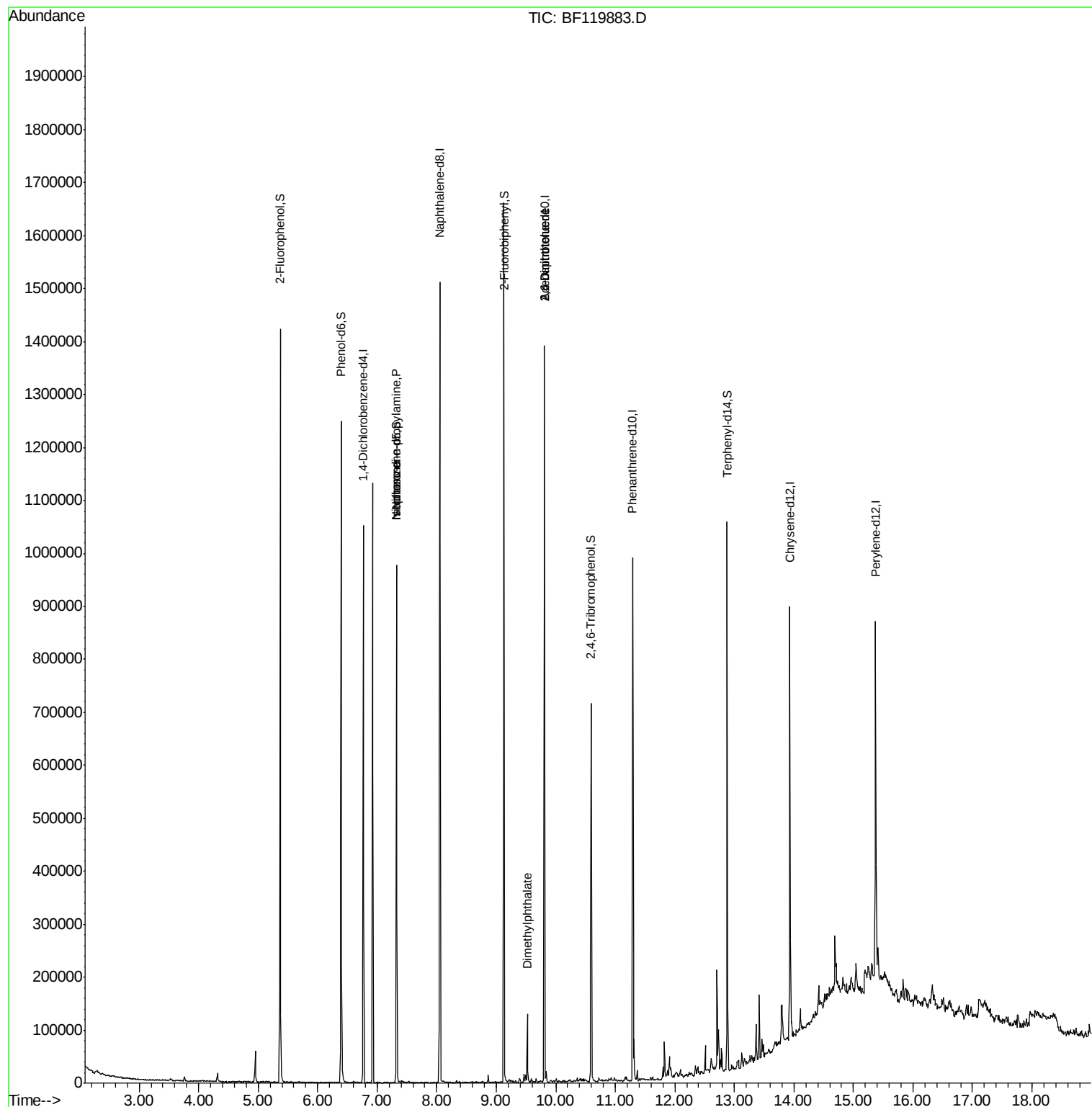
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	147349	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	597897	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	249519	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	383364	20.00	ng	0.00
76) Chrysene-d12	13.93	240	280689	20.00	ng	0.00
87) Perylene-d12	15.37	264	295008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	325446	38.17	ng	0.00
7) Phenol-d6	6.39	99	398823	36.30	ng	-0.01
23) Nitrobenzene-d5	7.33	82	243219	21.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	83578	27.36	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	461429	26.26	ng	-0.01
79) Terphenyl-d14	12.88	244	336257	20.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	346	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	31220	4.419 ng	#	1
25) Isophorone	7.33	82	241935	10.859 ng	#	75
50) Dimethylphthalate	9.52	163	47676	2.470 ng	#	65
51) 2,6-Dinitrotoluene	9.81	165	31945	7.559 ng	#	99
57) 2,4-Dinitrotoluene	9.81	165	31945	5.737 ng	#	19
					#	22

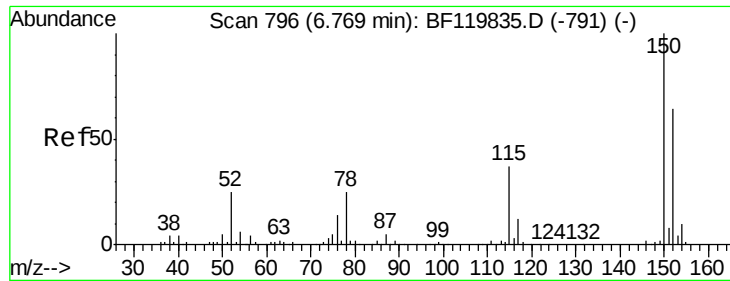
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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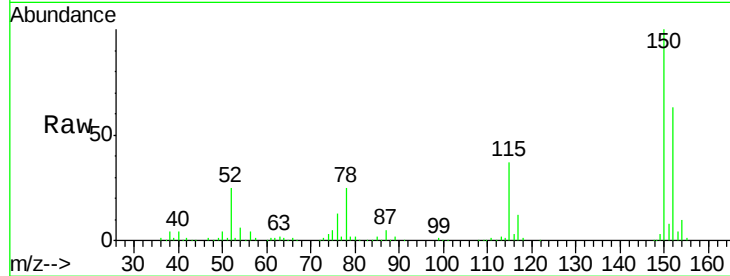


#1

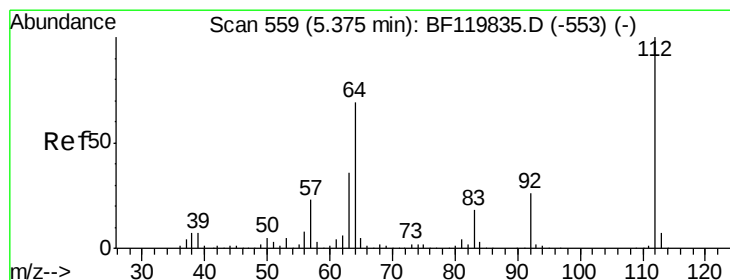
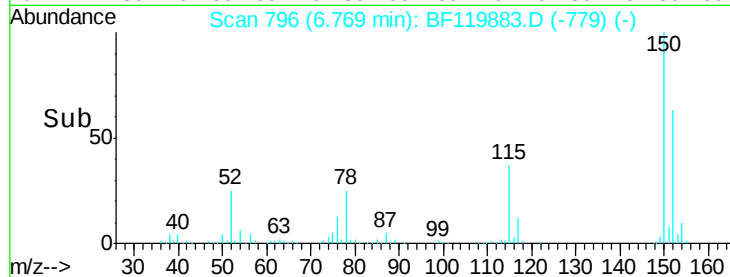
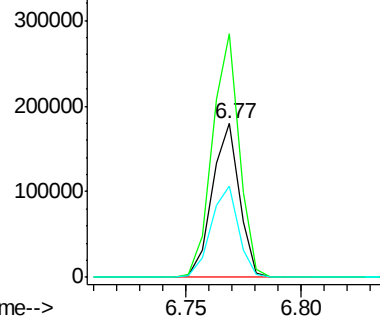
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119883.D
Acq: 9 Apr 2020 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147349
Ion Ratio Lower Upper
152 100
150 158.5 124.8 187.2
115 59.1 46.5 69.7



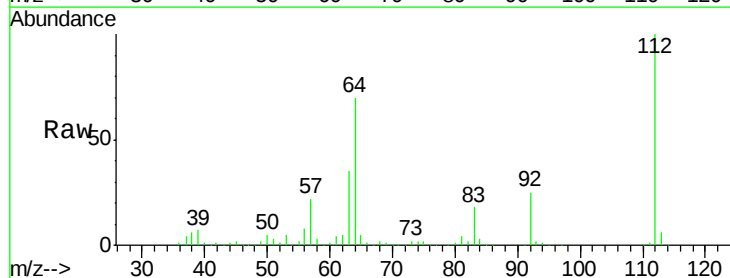
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



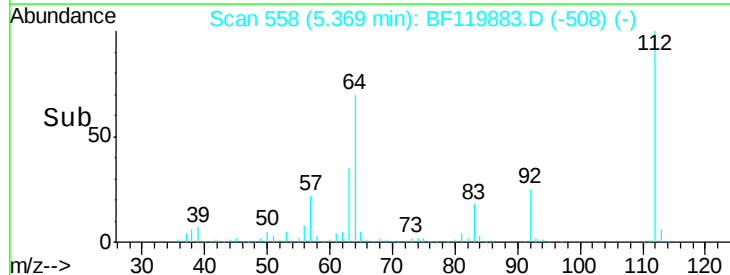
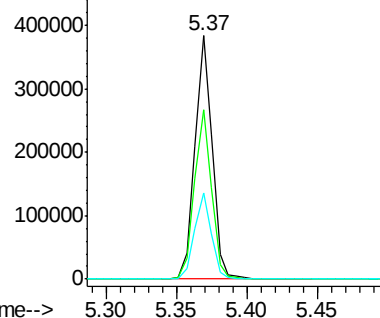
#5

2-Fluorophenol
Concen: 38.170 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF119883.D
Acq: 9 Apr 2020 21:26

Tgt Ion:112 Resp: 325446
Ion Ratio Lower Upper
112 100
64 69.6 55.5 83.3
63 35.2 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: 36.301 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

Instrument :

BNA_F

ClientSampleId :

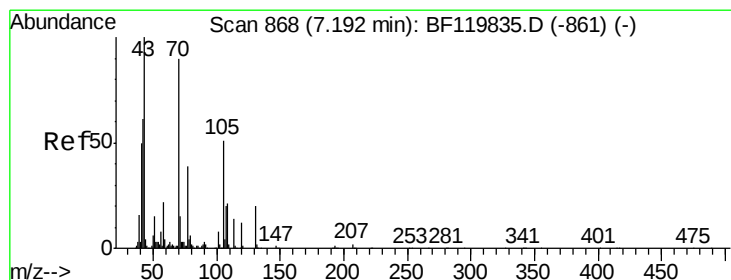
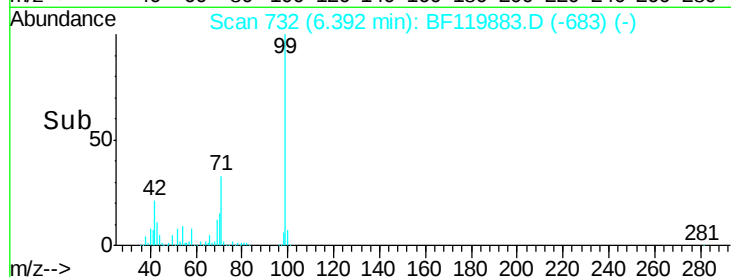
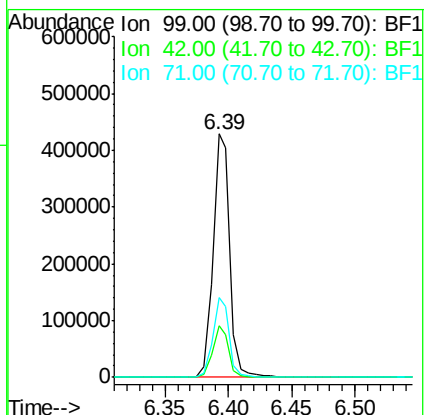
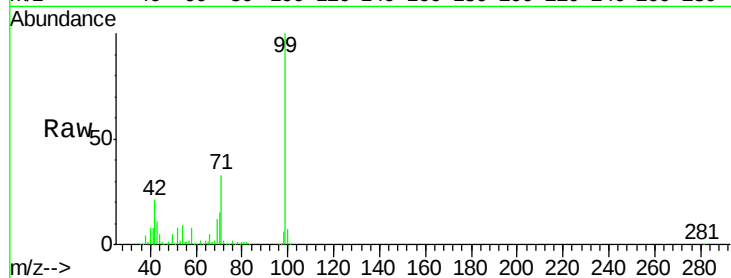
Tot Ion: 99 Resp: 398823

Ion Ratio Lower Upper

99 100

42 21.4 16.9 25.3

71 32.6 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 4.419 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

Tgt Ion: 70 Resp: 31220

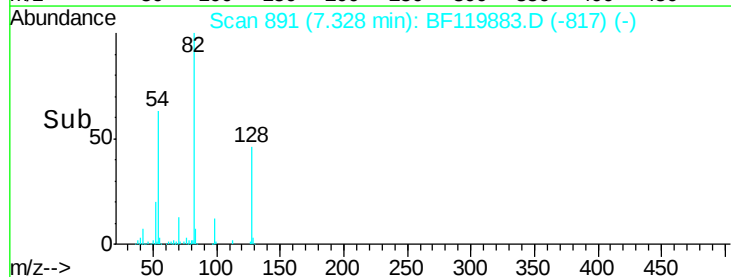
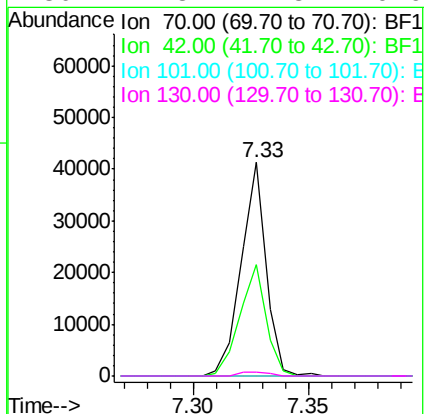
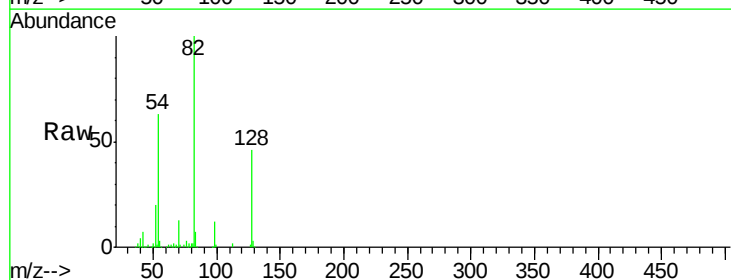
Ion Ratio Lower Upper

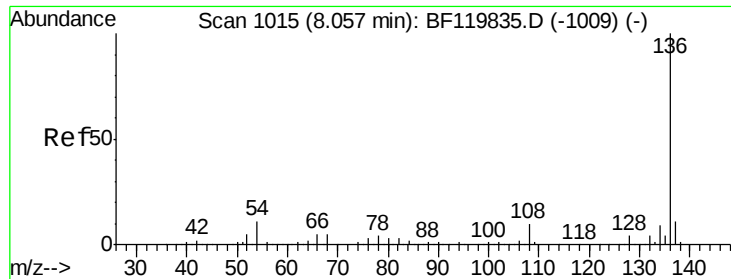
70 100

42 52.0 54.2 81.4#

101 0.0 7.4 11.2#

130 1.8 17.8 26.6#

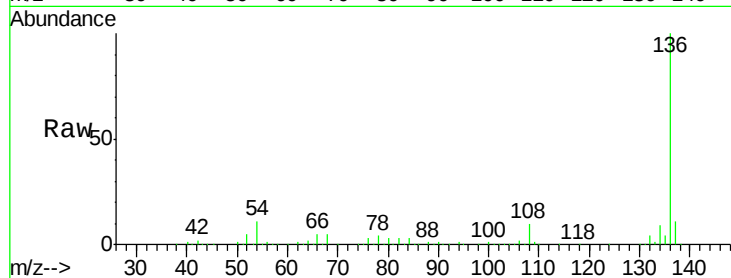




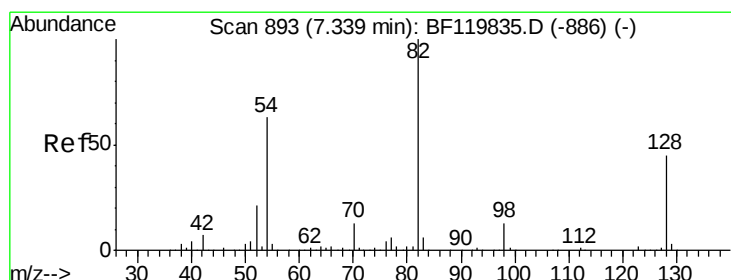
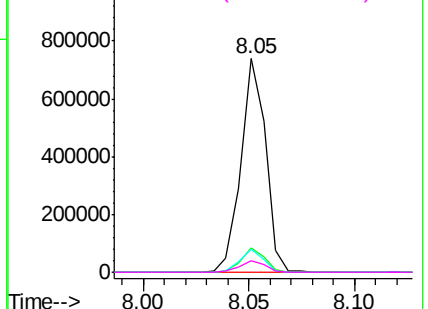
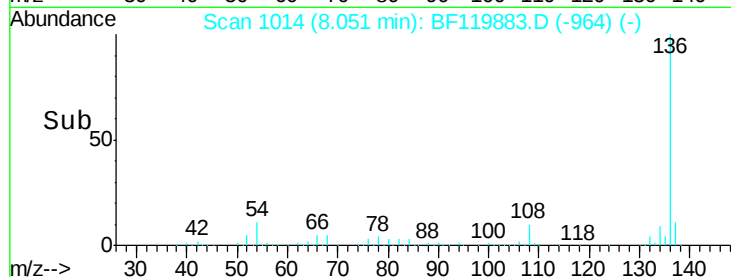
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119883.D
Acq: 9 Apr 2020 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	597897
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	10.9	8.5 12.7
68	5.3	3.9 5.9

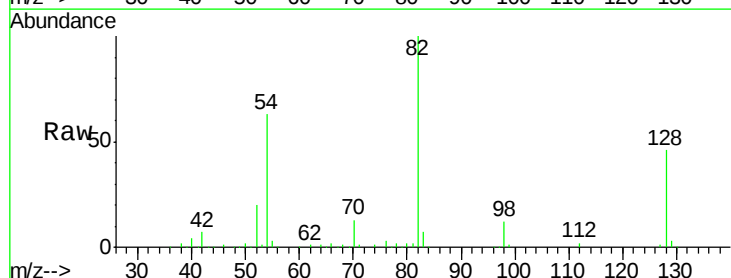


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

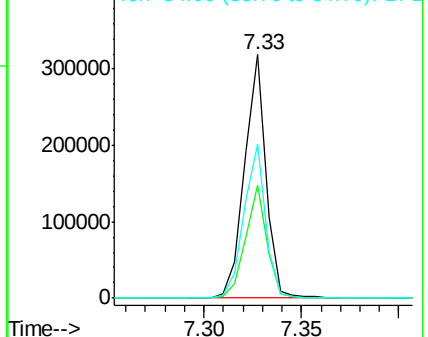
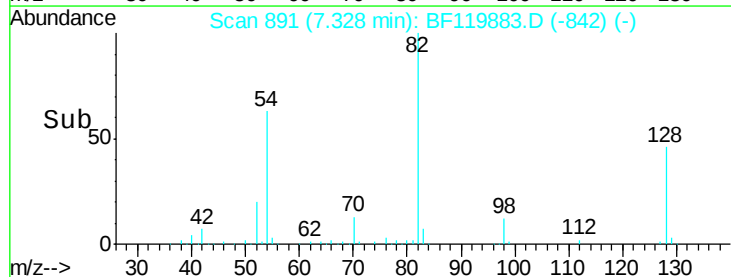


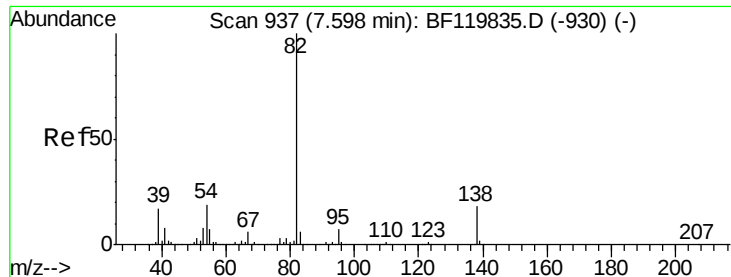
#23
Nitrobenzene-d5
Concen: 21.045 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119883.D
Acq: 9 Apr 2020 21:26

Tgt Ion: 82	Resp:	243219
Ion	Ratio	Lower Upper
82	100	
128	46.5	36.2 54.4
54	63.2	50.4 75.6



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: 10.859 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

Instrument :

BNA_F

ClientSampleId :

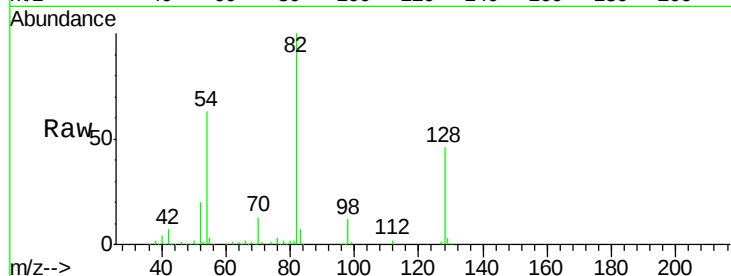
Tot Ion: 82 Resp: 241935

Ion Ratio Lower Upper

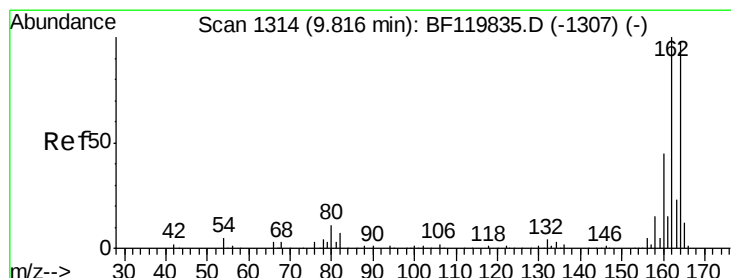
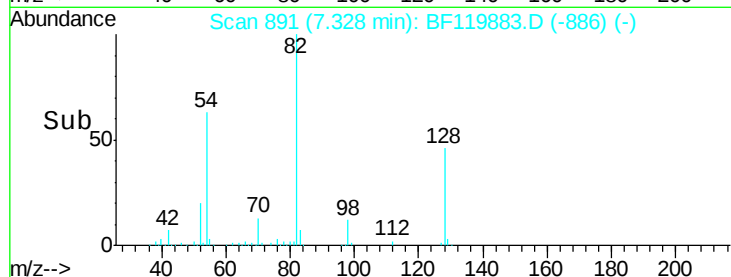
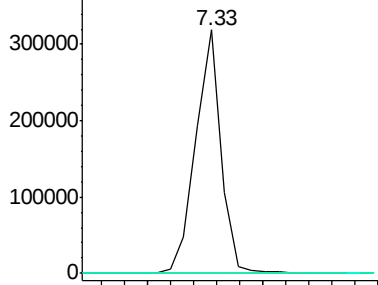
82 100

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: BF119883.D

Acq: 9 Apr 2020 21:26

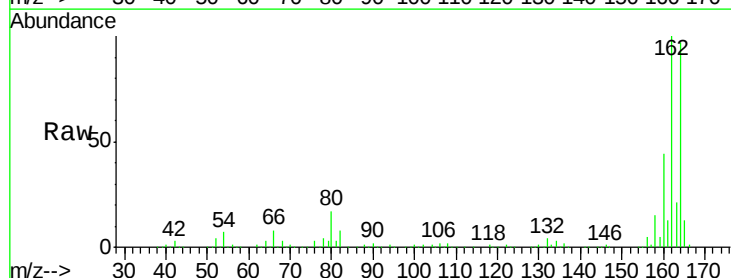
Tgt Ion:164 Resp: 249519

Ion Ratio Lower Upper

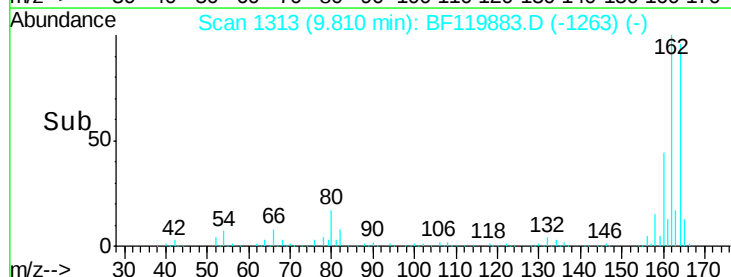
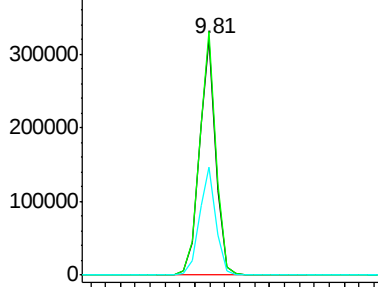
164 100

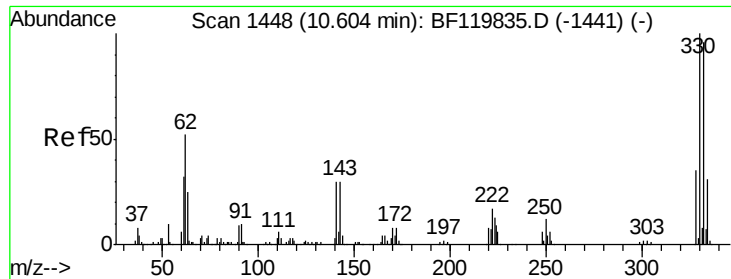
162 103.1 81.9 122.9

160 45.5 36.6 54.8



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

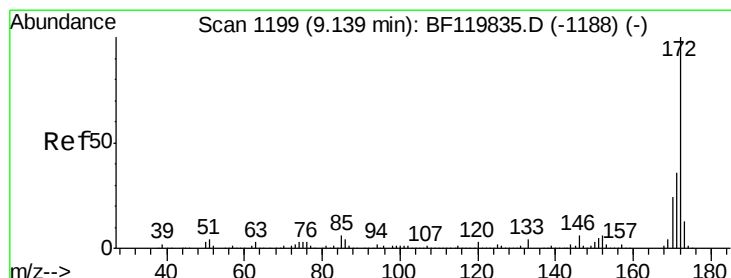
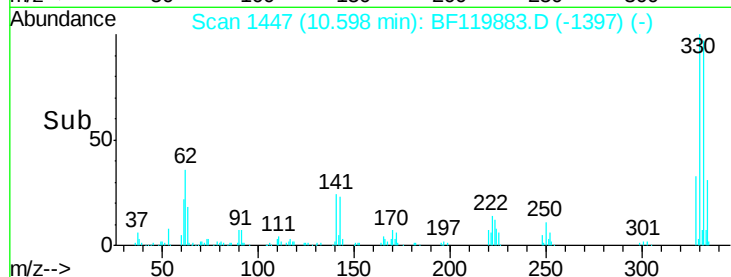
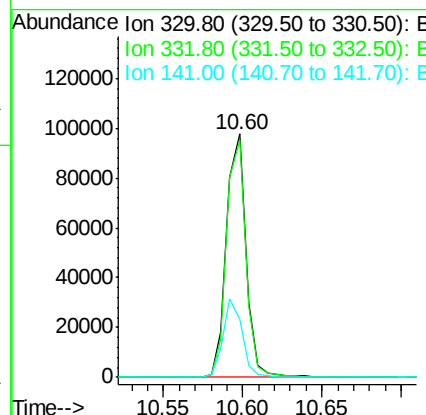
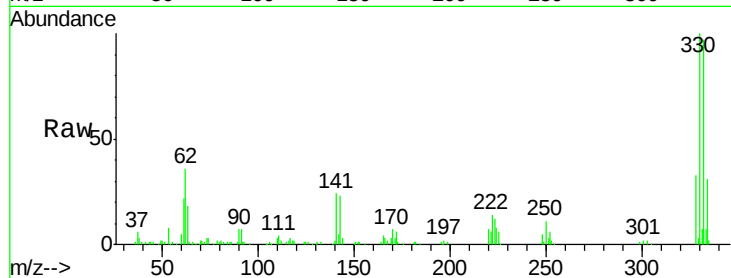




#42
 2,4,6-Tribromophenol
 Concen: 27.358 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

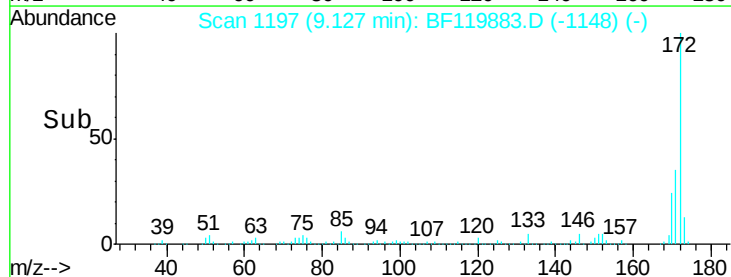
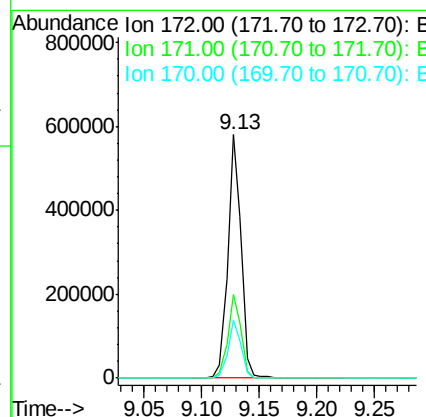
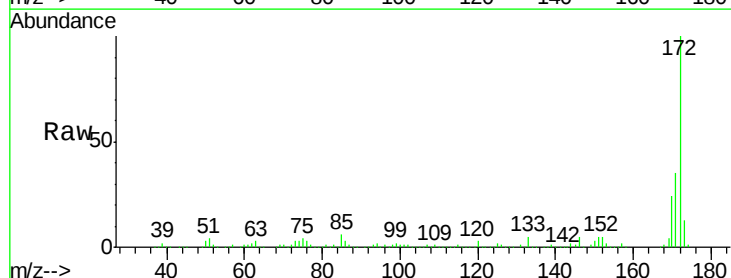
Instrument :
 BNA_F
 ClientSampleId :

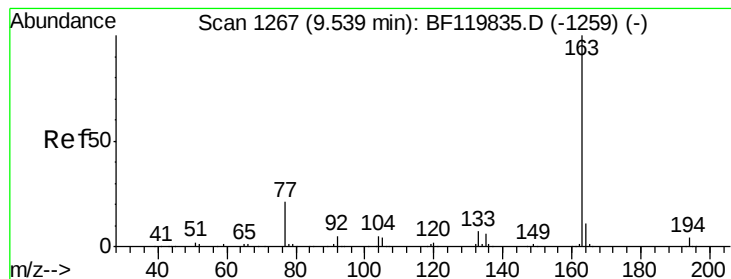
Tot Ion:330 Resp: 83578
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 31.3 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 26.256 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

Tgt Ion:172 Resp: 461429
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.9 43.3
 170 23.6 19.4 29.2





#50

Dimethylphthalate

Concen: 2.470 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

Instrument :

BNA_F

ClientSampleId :

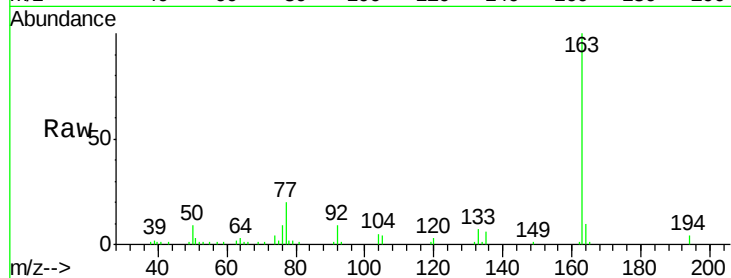
Tot Ion:163 Resp: 47676

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

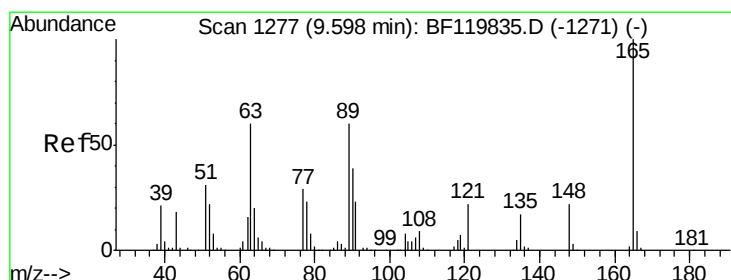
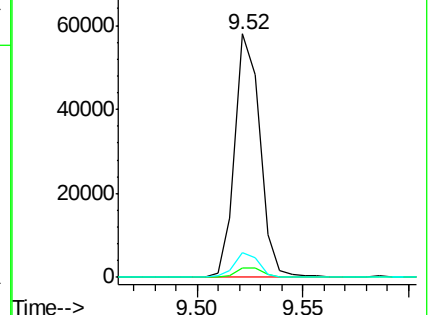
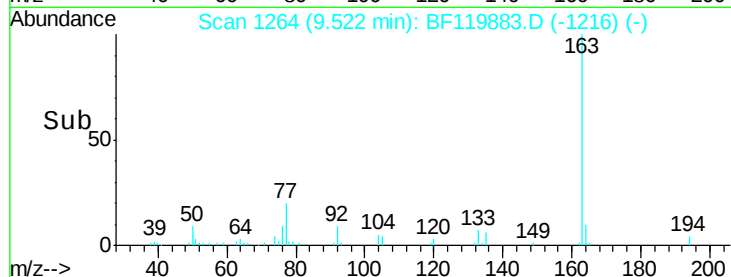
164 9.9 8.4 12.6



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: 7.559 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.21 min

Lab File: BF119883.D

Acq: 9 Apr 2020 21:26

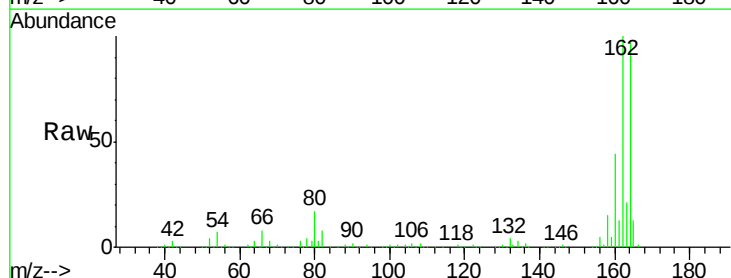
Tgt Ion:165 Resp: 31945

Ion Ratio Lower Upper

165 100

63 1.7 55.6 83.4#

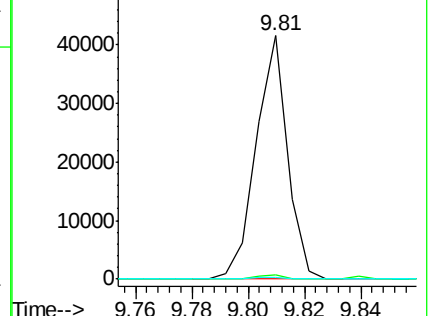
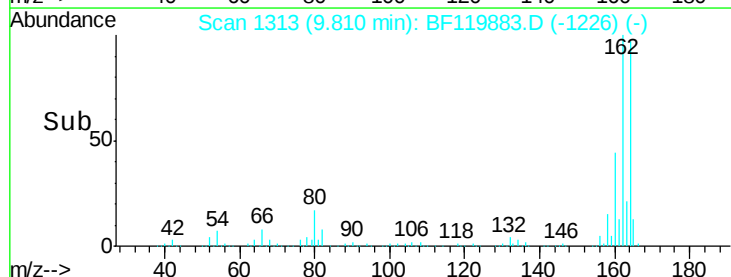
89 0.9 47.9 71.9#

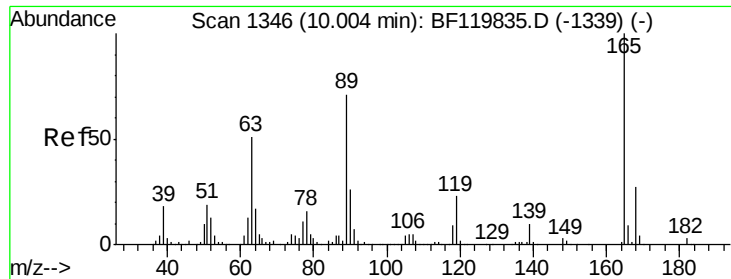


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

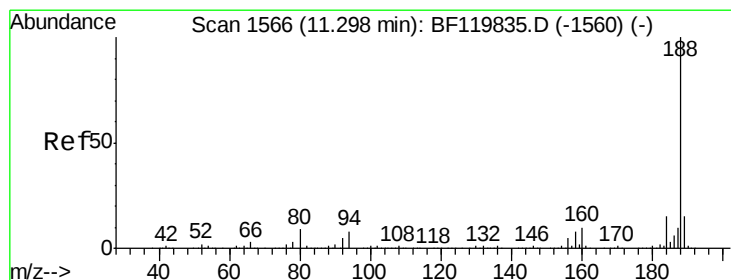
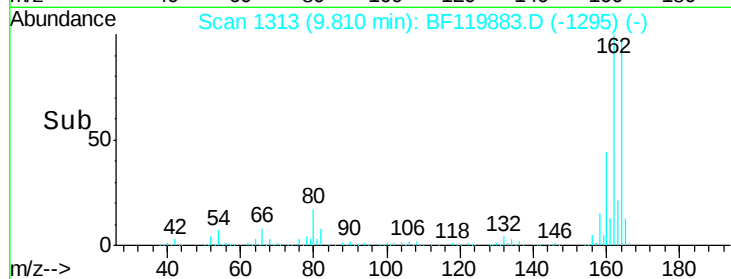
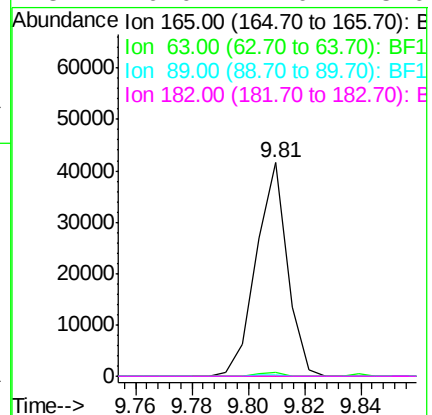
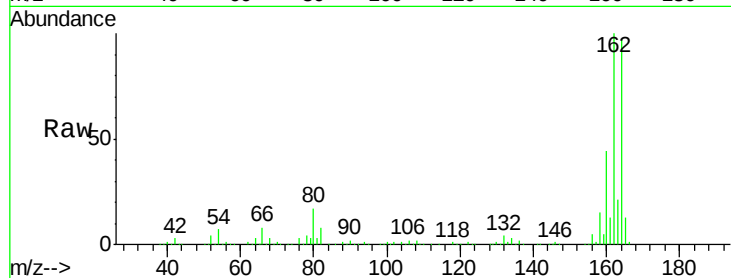




#57
 2,4-Dinitrotoluene
 Concen: 5.737 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

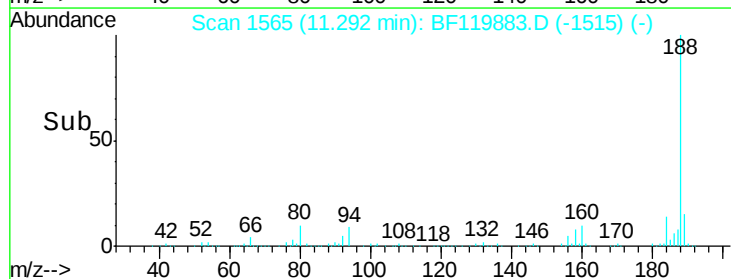
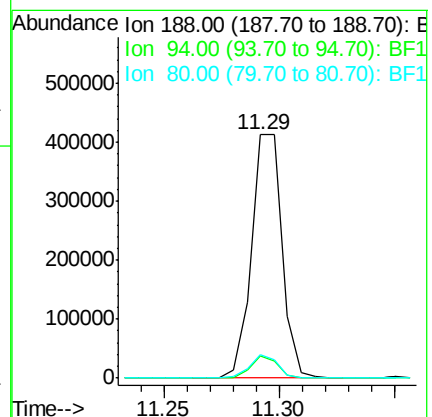
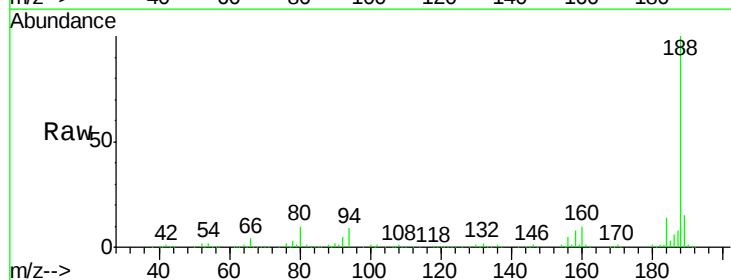
Instrument :
 BNA_F
 ClientSampleId :

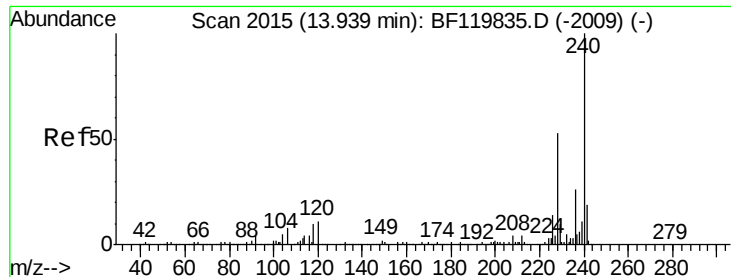
Tot Ion:165 Resp: 31945
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.8 61.2#
 89 0.9 56.9 85.3#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

Tgt Ion:188 Resp: 383364
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.7 10.1
 80 9.7 7.4 11.2

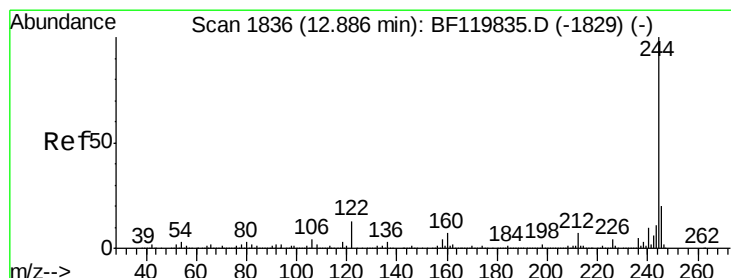
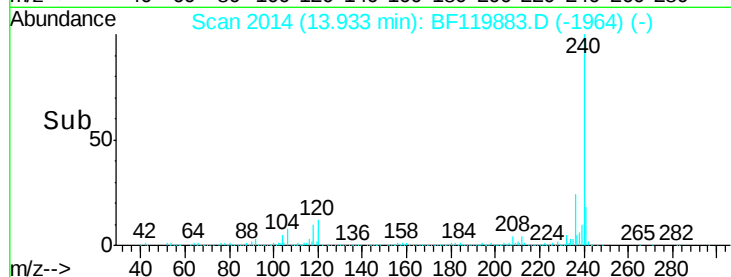
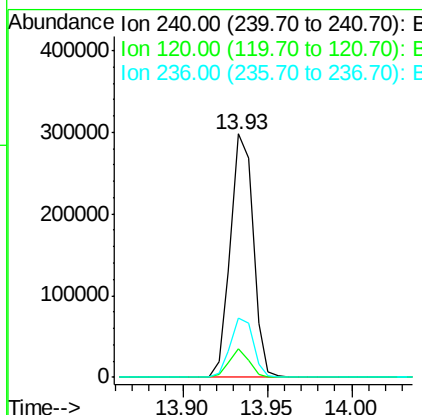
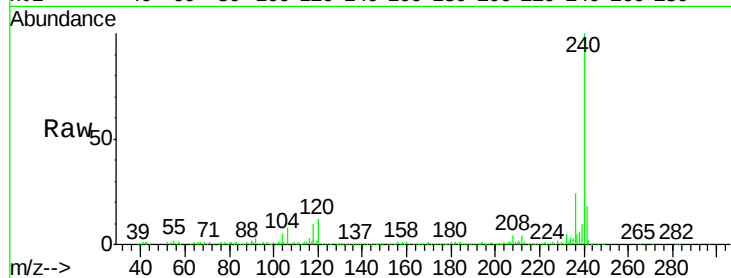




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

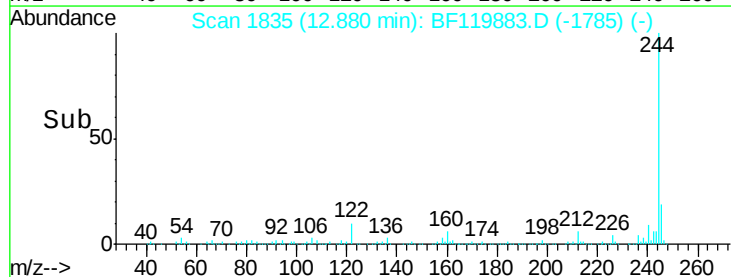
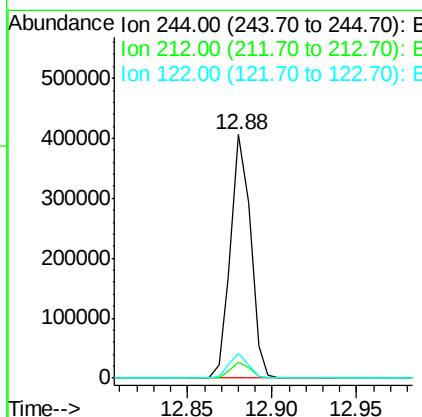
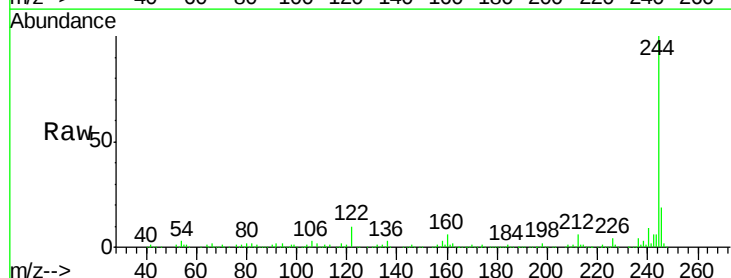
Instrument :
 BNA_F
 ClientSampleId :

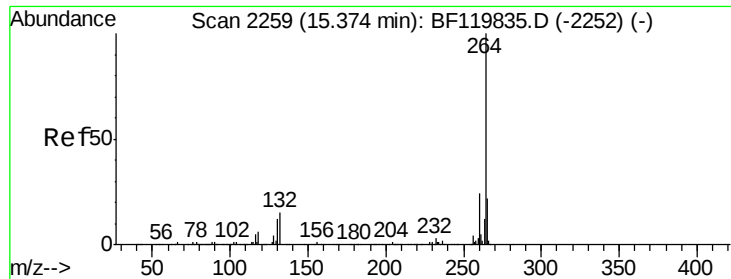
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.6
236	24.4	20.7	31.1



#79
 Terphenyl-d14
 Concen: 20.158 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.9	10.3	15.5

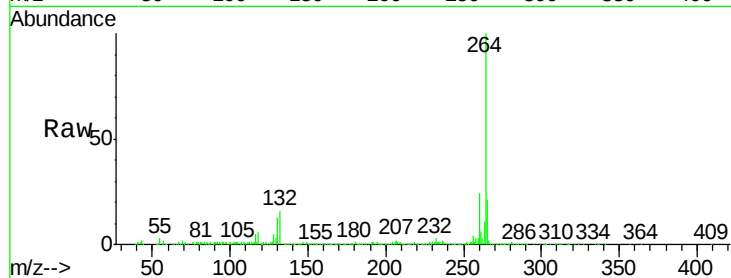




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BF119883.D
 Acq: 9 Apr 2020 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	295008
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.3	28.9
265	21.2	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

