

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116486.D
 Acq On : 23 Aug 2019 19:23
 Operator : HP/JU
 Sample : PB122424BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BL

Quant Time: Aug 24 03:34:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

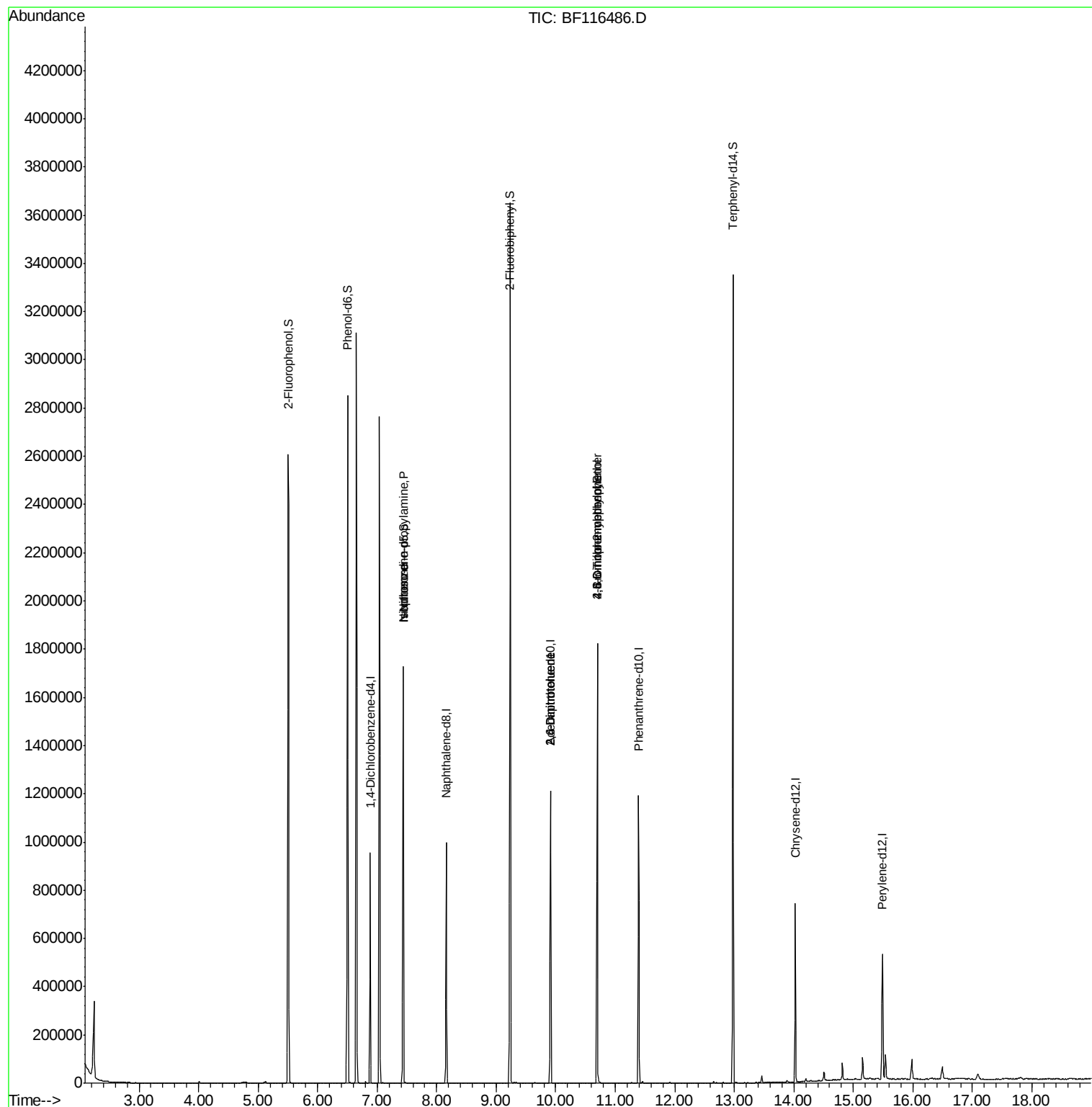
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	121799	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	461366	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	236881	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	389237	20.00	ng	0.00
76) Chrysene-d12	14.03	240	242492	20.00	ng	0.00
87) Perylene-d12	15.49	264	236055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	772371	92.66	ng	0.00
7) Phenol-d6	6.50	99	1012826	99.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	632898	75.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	217205	106.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1145939	77.91	ng	0.00
79) Terphenyl-d14	12.98	244	1091557	84.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	86158	12.353	ng	# 75
25) Isophorone	7.44	82	632488	38.059	ng	# 67
51) 2,6-Dinitrotoluene	9.91	165	29752	8.795	ng	# 25
57) 2,4-Dinitrotoluene	9.91	165	29752	6.912	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	543	7.296	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	14095	3.454	ng	# 1

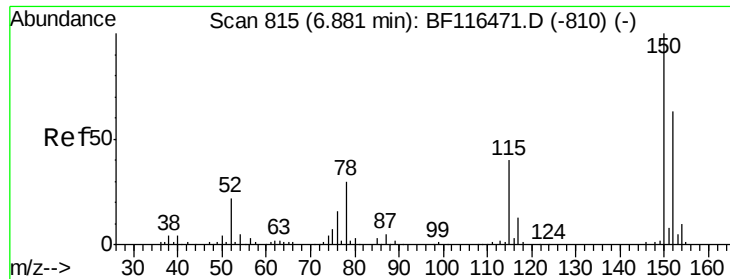
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116486.D
Acq On : 23 Aug 2019 19:23
Operator : HP/JU
Sample : PB122424BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122424BL

Quant Time: Aug 24 03:34:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



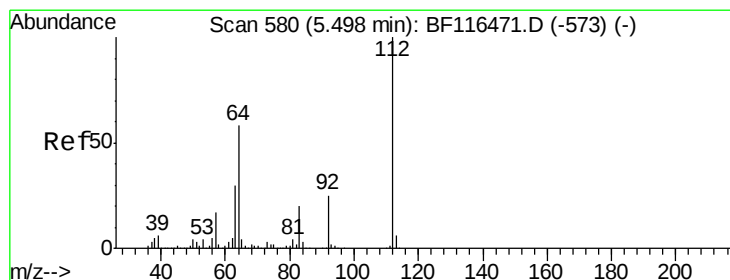
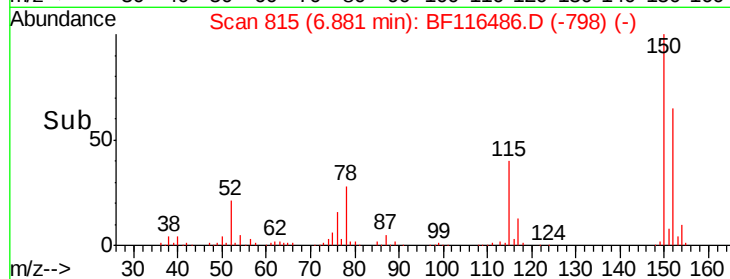
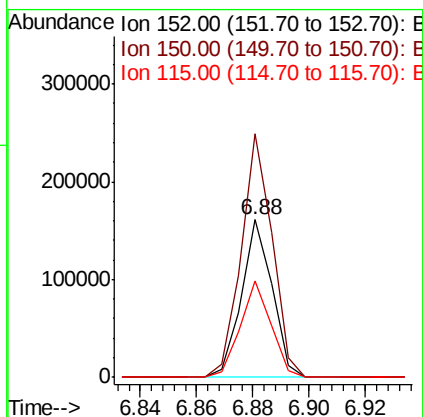
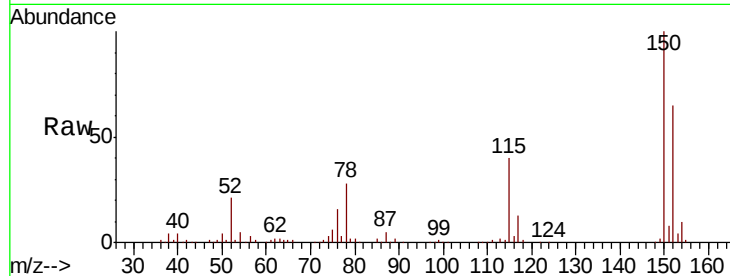


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB122424BL

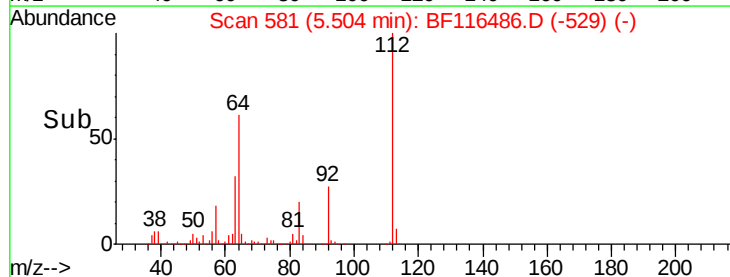
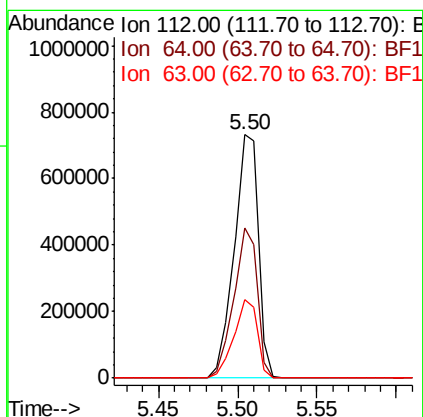
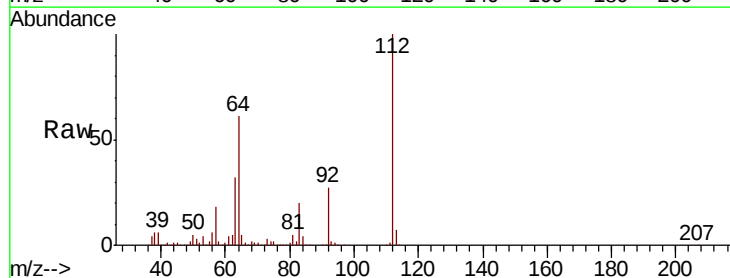
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.7	190.1
115	61.6	50.9	76.3

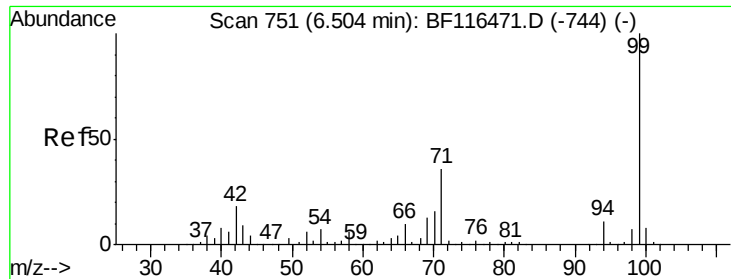


#5

2-Fluorophenol
Concen: 92.656 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.3	69.5
63	32.2	24.2	36.4





#7

Phenol-d6

Concen: 99.093 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

Instrument :

BNA_F

ClientSampled :

PB122424BL

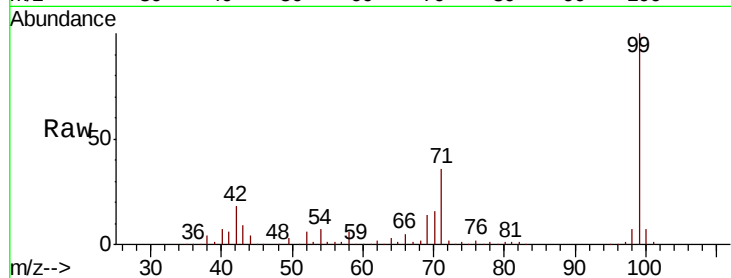
Tgt Ion: 99 Resp: 1012826

Ion Ratio Lower Upper

99 100

42 18.0 14.6 21.8

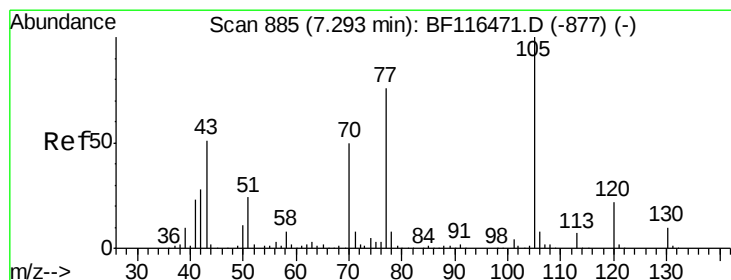
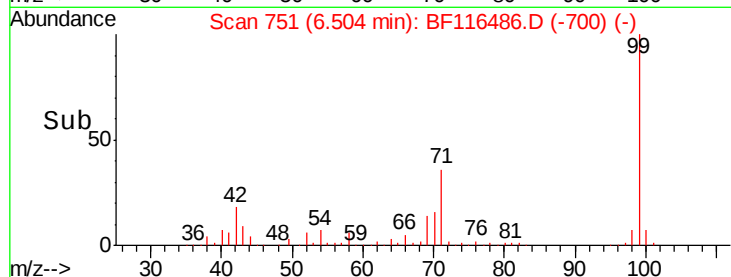
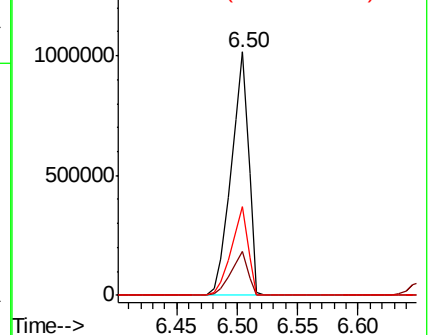
71 36.3 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.353 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

Tgt Ion: 70 Resp: 86158

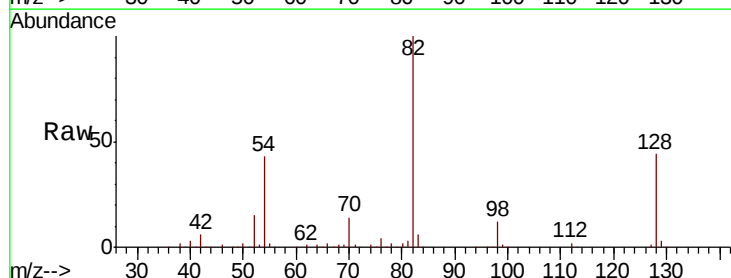
Ion Ratio Lower Upper

70 100

42 40.5 44.4 66.6#

101 0.0 7.1 10.7#

130 2.0 15.8 23.8#

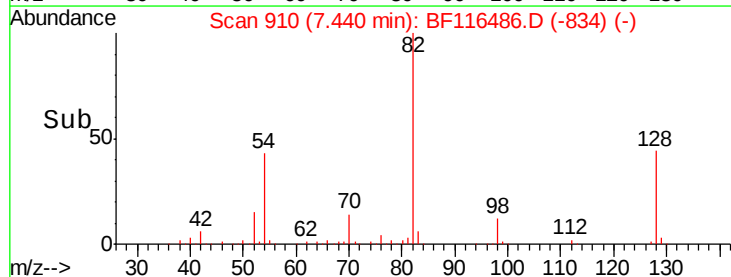
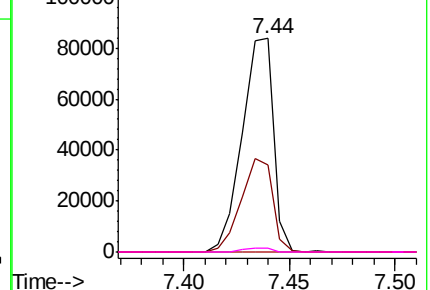


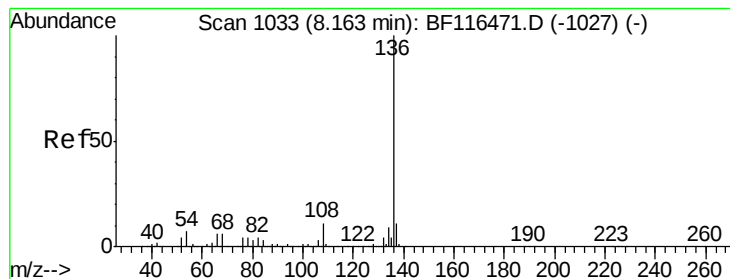
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB122424BL

Tgt Ion: 136 Resp: 461366

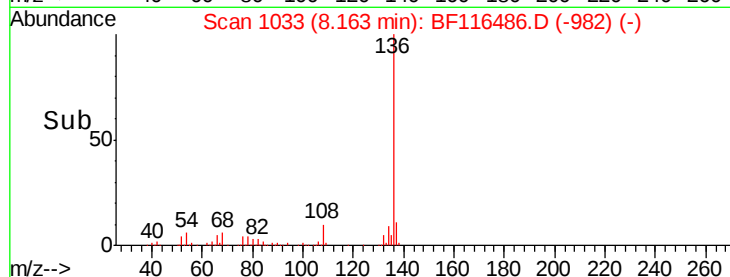
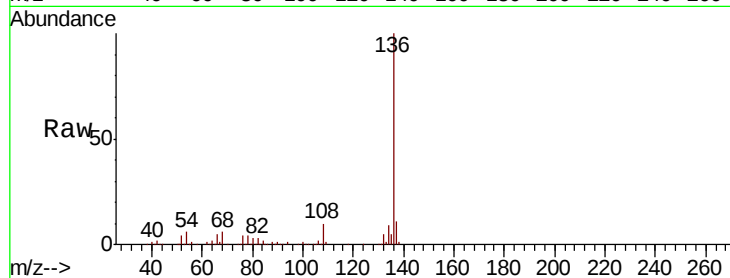
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.3 5.8 8.6

68 6.0 5.1 7.7

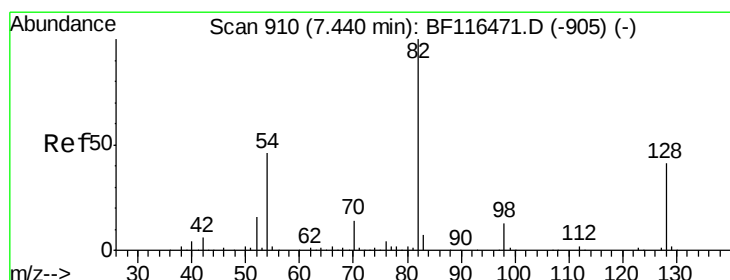
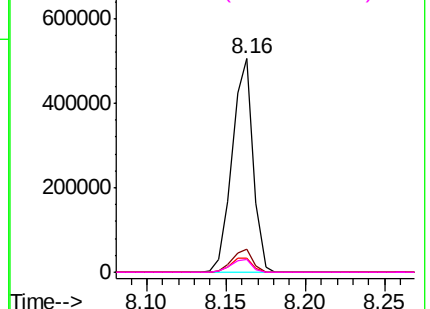


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.051 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

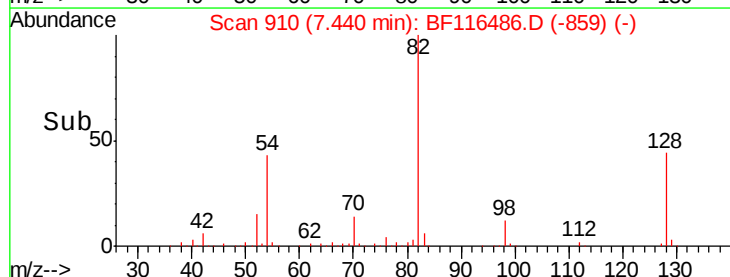
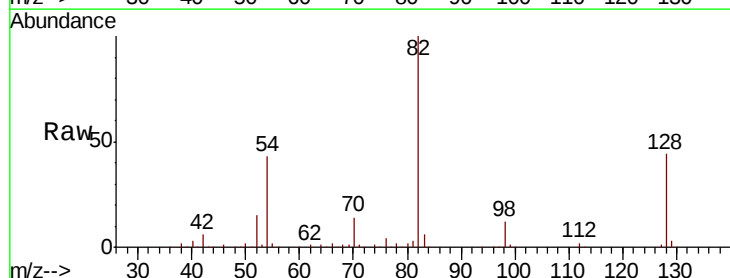
Tgt Ion: 82 Resp: 632898

Ion Ratio Lower Upper

82 100

128 44.3 32.2 48.4

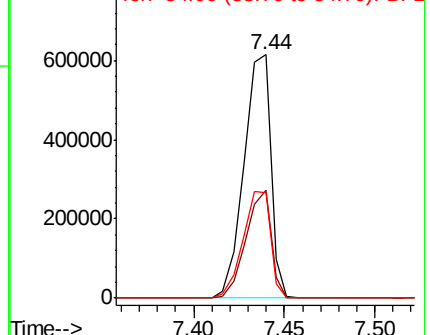
54 43.2 36.5 54.7

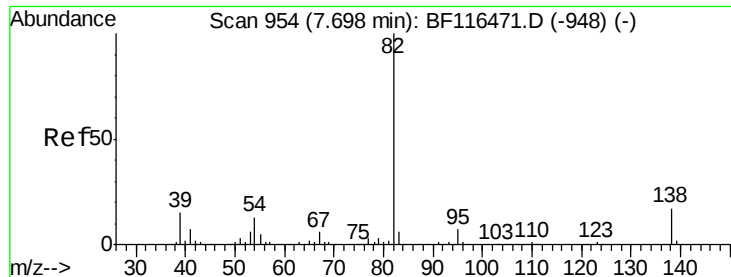


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.059 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB122424BL

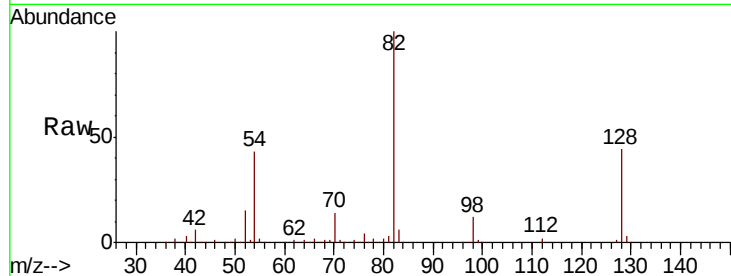
Tgt Ion: 82 Resp: 632488

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

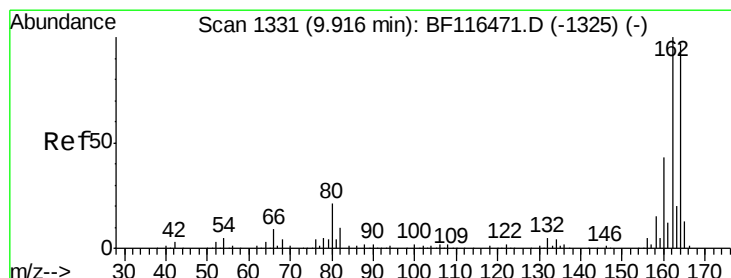
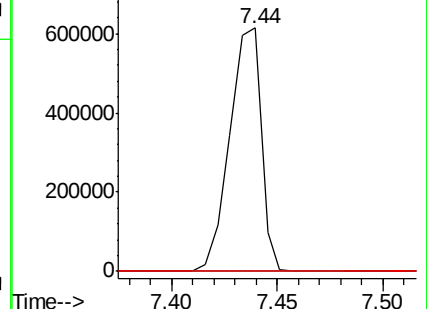
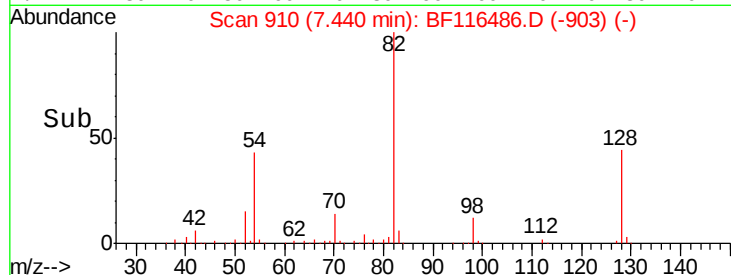
138 0.0 13.3 19.9#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

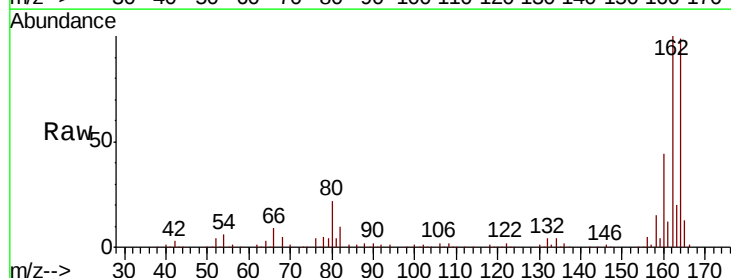
Tgt Ion: 164 Resp: 236881

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

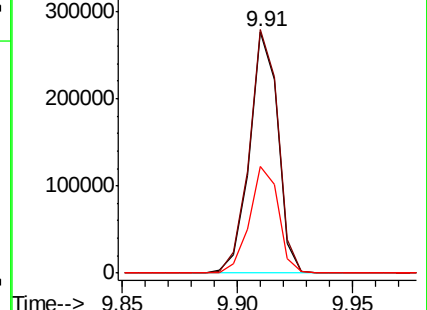
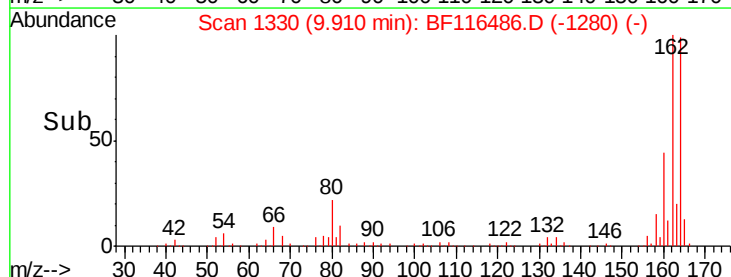
160 44.3 35.8 53.8

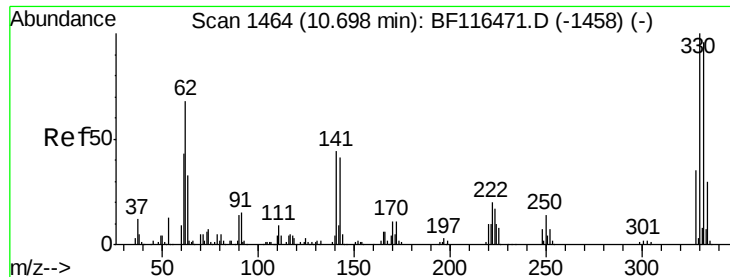


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

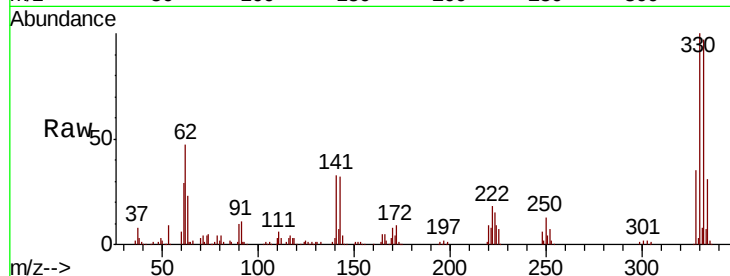




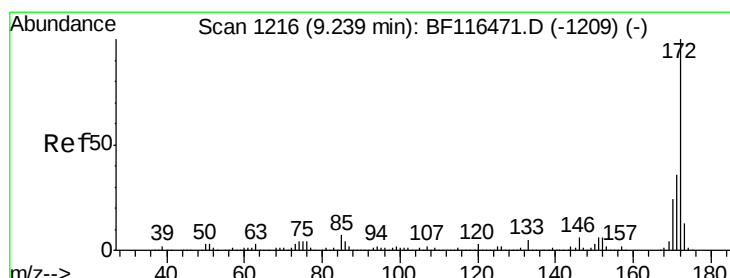
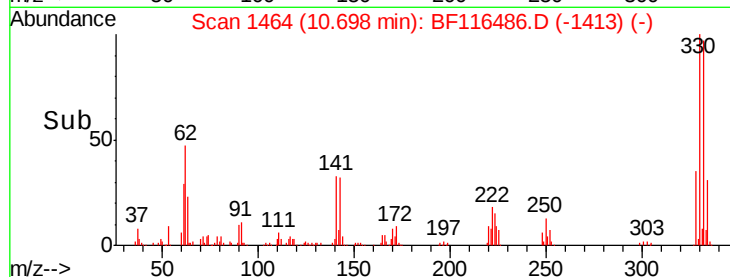
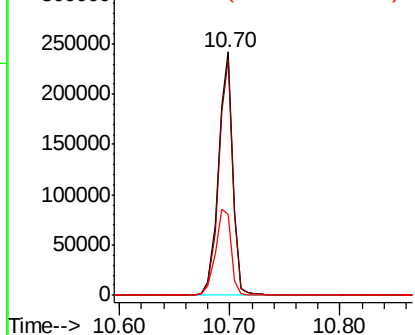
#42
 2,4,6-Tribromophenol
 Concen: 106.786 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BL

Tgt Ion:330 Resp: 217205
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.2 115.8
 141 38.4 33.3 49.9

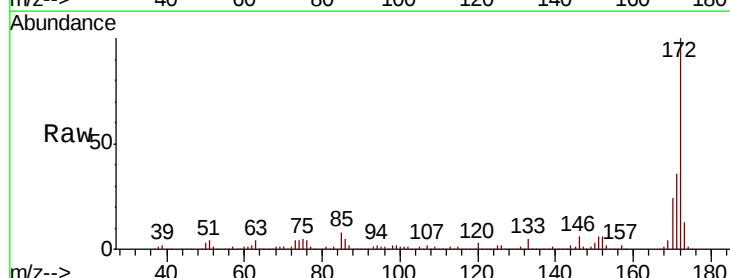


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

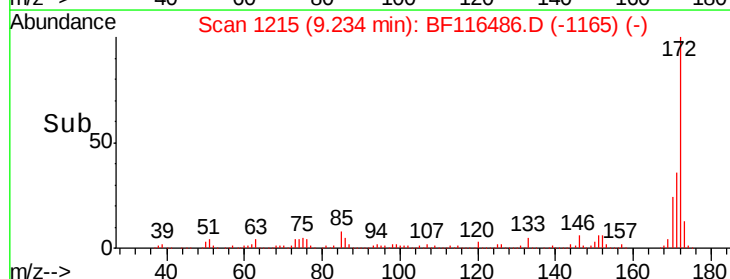
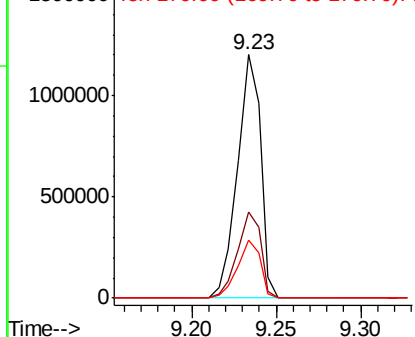


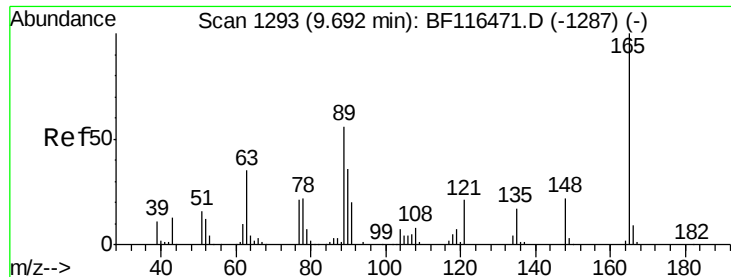
#45
 2-Fluorobiphenyl
 Concen: 77.905 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Tgt Ion:172 Resp: 1145939
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 24.0 19.4 29.0



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

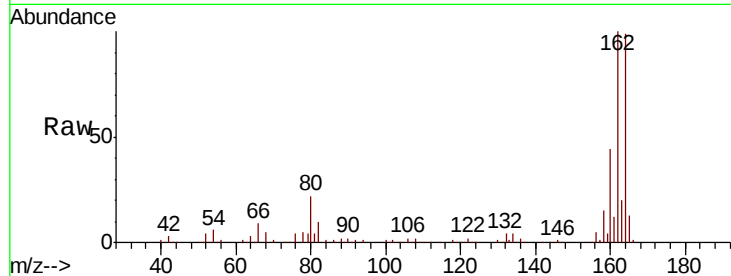




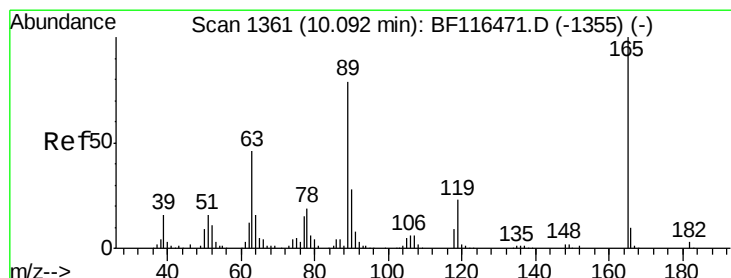
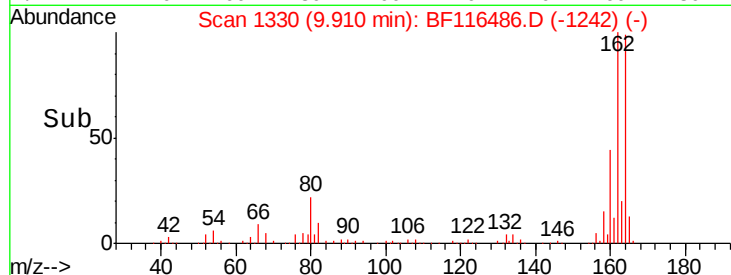
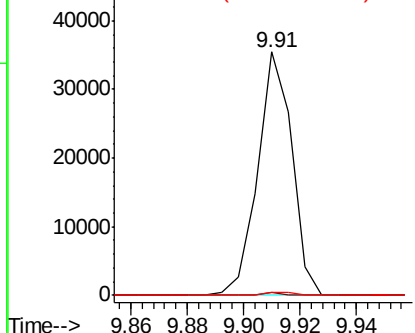
#51
 2,6-Dinitrotoluene
 Concen: 8.795 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.22 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.7	65.5#
89	1.1	45.1	67.7#



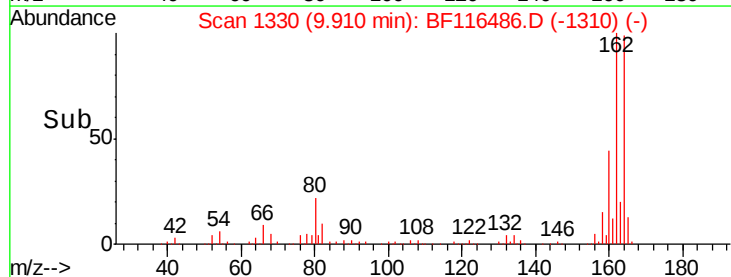
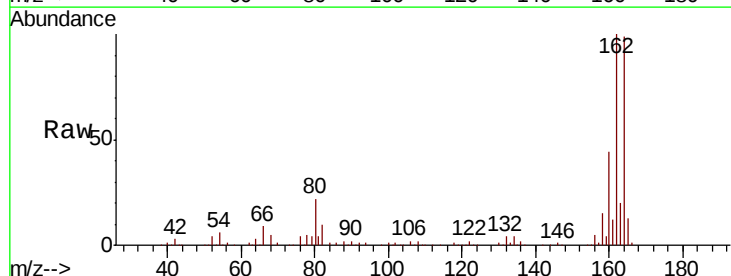
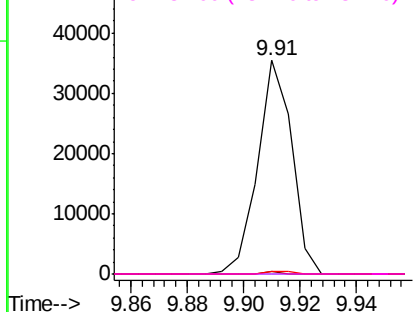
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

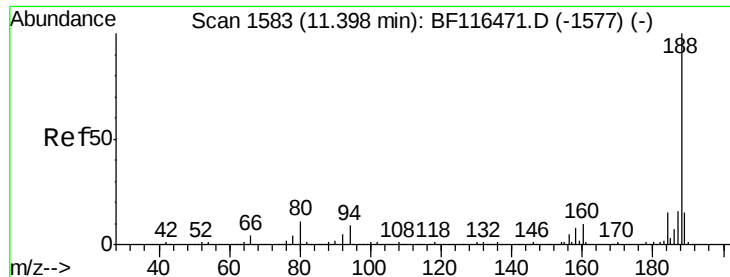


#57
 2,4-Dinitrotoluene
 Concen: 6.912 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.18 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.9	55.3#
89	1.1	63.4	95.0#
182	0.0	2.1	3.1#

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

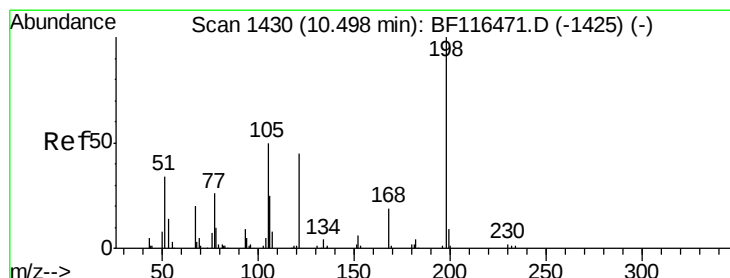
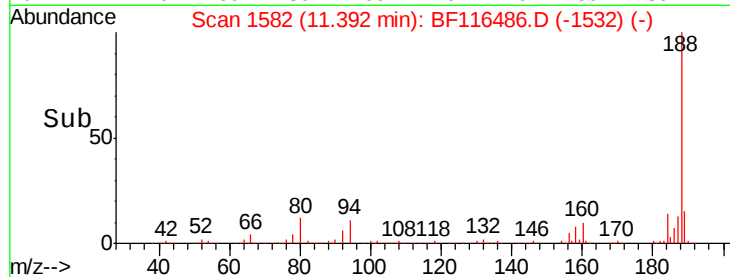
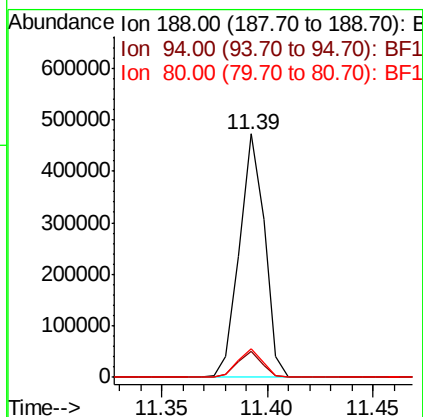
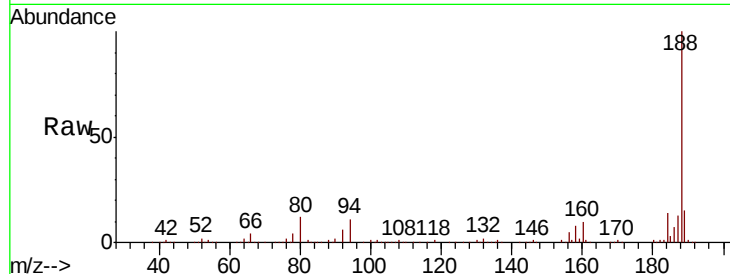




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

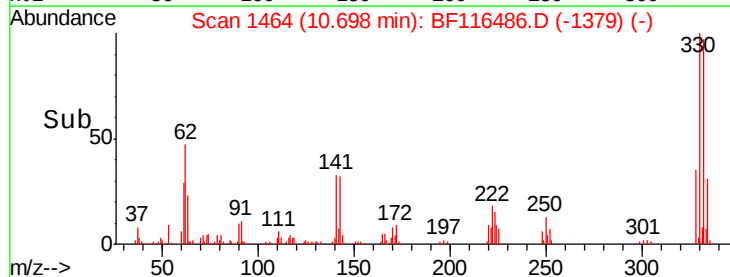
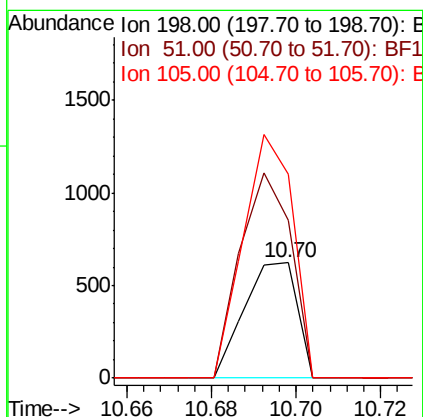
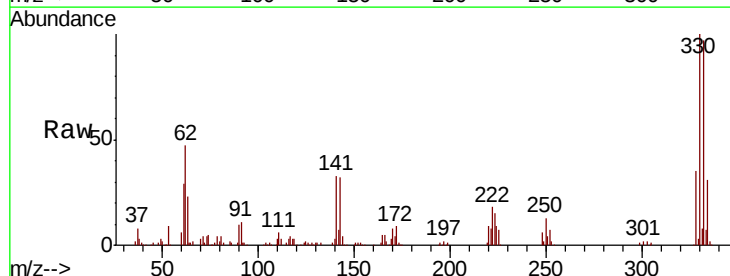
Instrument :
BNA_F
ClientSampleId :
PB122424BL

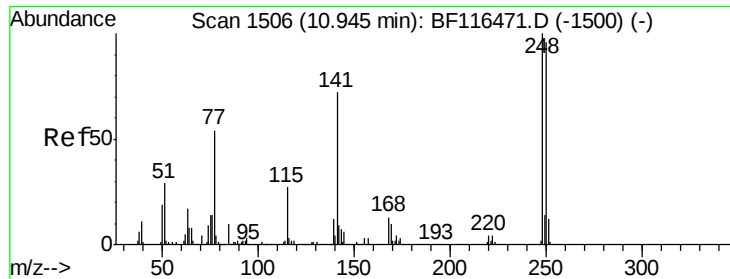
Tgt Ion:188 Resp: 389237
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.6 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 7.296 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:198 Resp: 543
Ion Ratio Lower Upper
198 100
51 137.5 30.4 70.4#
105 177.5 32.8 72.8#

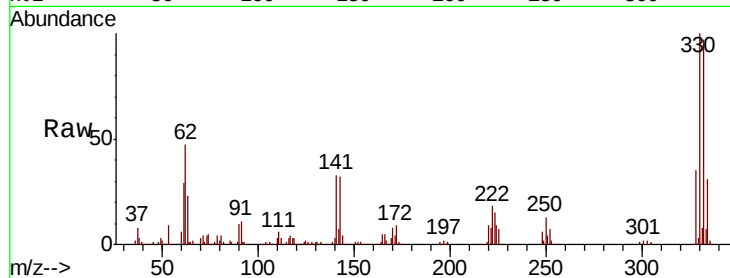




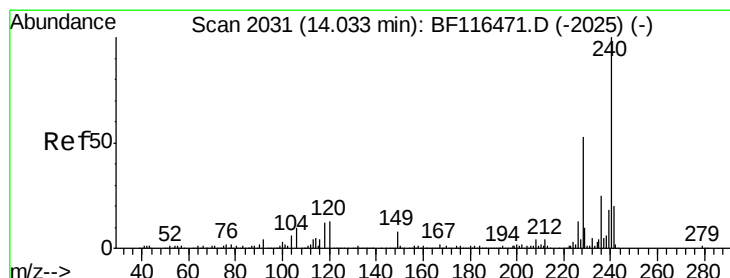
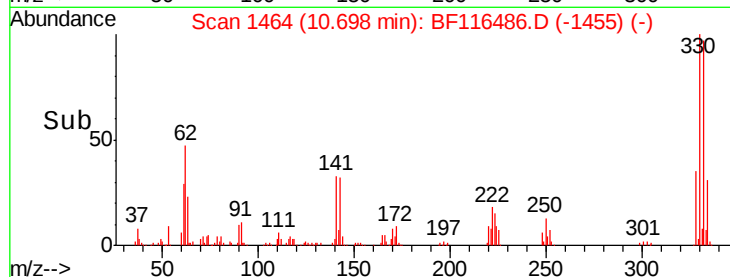
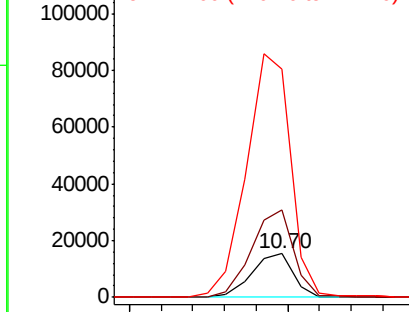
#67
 4-Bromophenyl-phenylether
 Concen: 3.454 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BL

Tgt Ion:248 Resp: 14095
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.0 115.6#
 141 523.7 57.4 86.0#

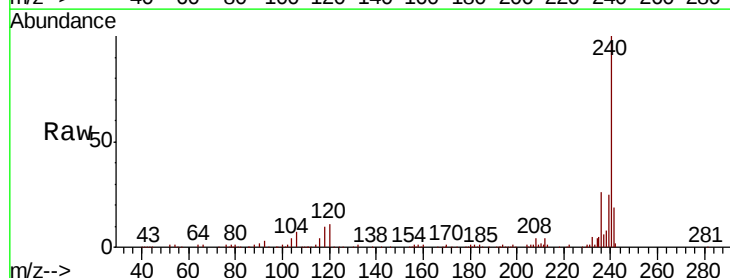


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

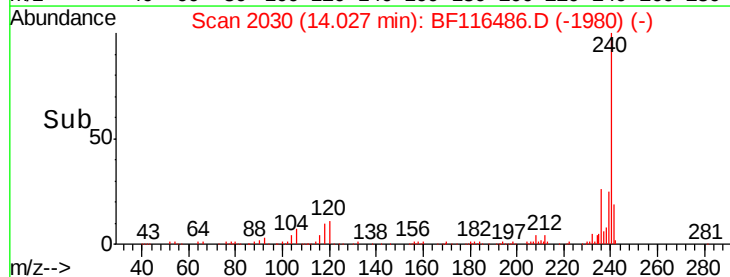
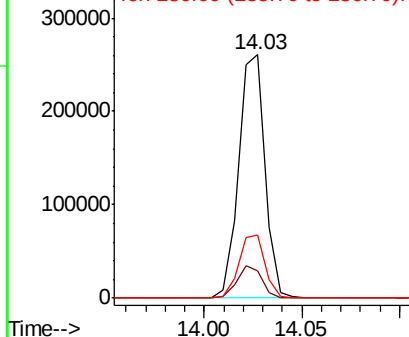


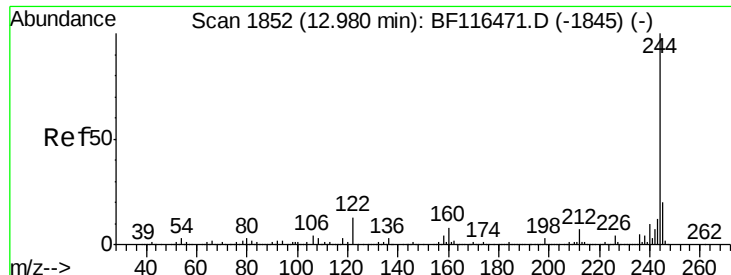
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Tgt Ion:240 Resp: 242492
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.5 15.7
 236 26.0 20.2 30.2



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: 84.082 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB122424BL

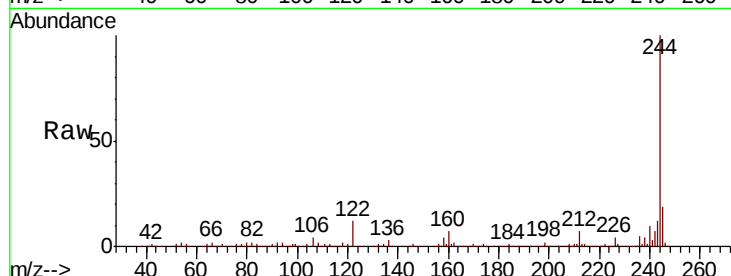
Tgt Ion:244 Resp: 1091557

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

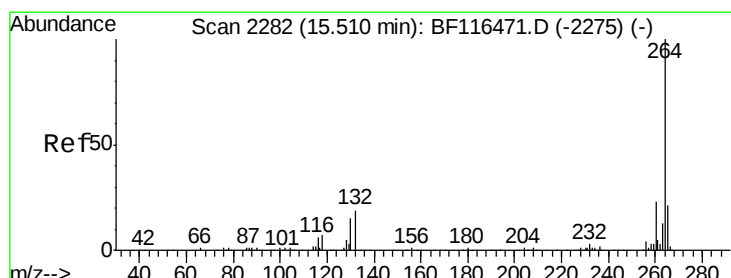
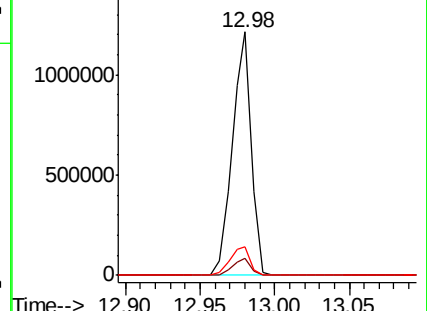
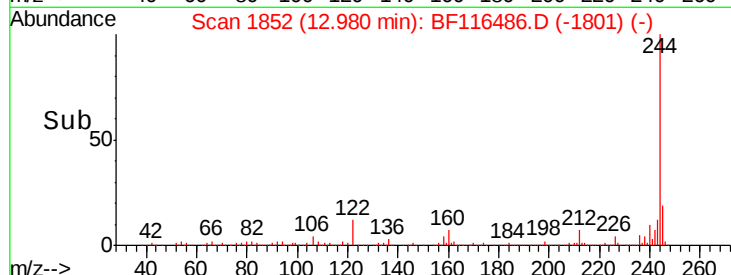
122 12.0 10.2 15.4



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: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

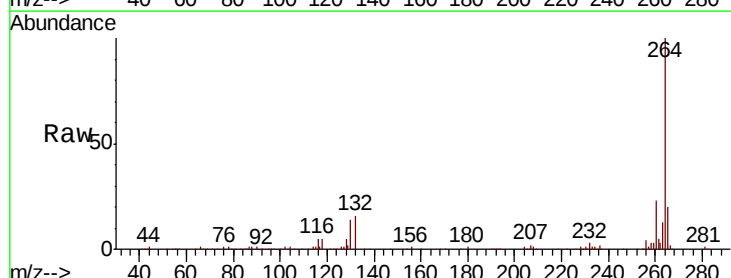
Tgt Ion:264 Resp: 236055

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 20.5 17.1 25.7



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

