

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114604.D
 Acq On : 25 May 2019 15:27
 Operator : JU/SJ
 Sample : PB119810BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BL

Quant Time: May 26 23:42:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

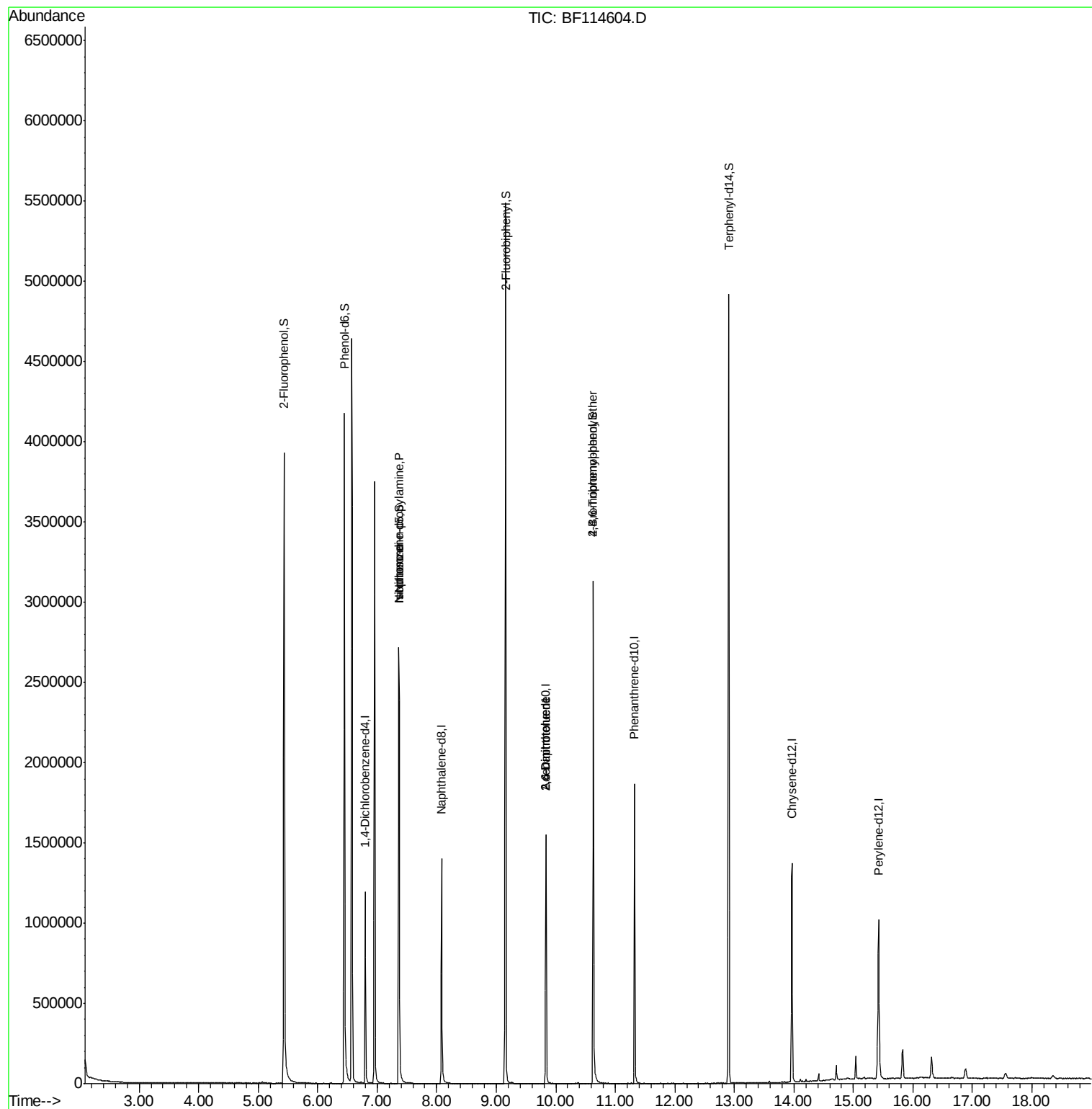
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	179863	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	690348	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	339027	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	690216	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	487847	20.00	ng	-0.02
87) Perylene-d12	15.42	264	473639	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1215809	108.78	ng	-0.01
7) Phenol-d6	6.45	99	1574621	119.12	ng	-0.01
23) Nitrobenzene-d5	7.36	82	973497	79.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	407032	116.13	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1808600	80.70	ng	-0.02
79) Terphenyl-d14	12.91	244	1874225	79.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	129859	15.498	ng	# 76
25) Isophorone	7.36	82	973490	42.671	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	41213	7.466	ng	# 21
57) 2,4-Dinitrotoluene	9.83	165	41213	5.501	ng	# 24
67) 4-Bromophenyl-phenylether	10.63	248	25641	3.374	ng	# 1

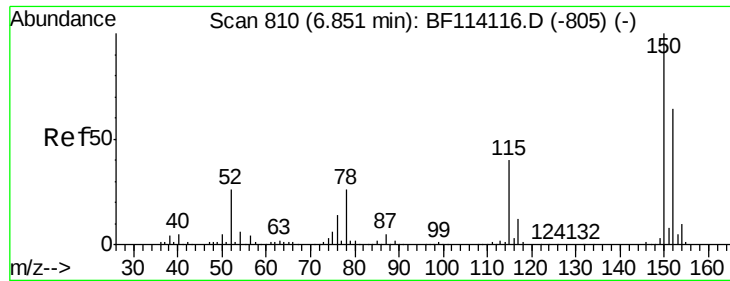
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: May 26 23:42:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



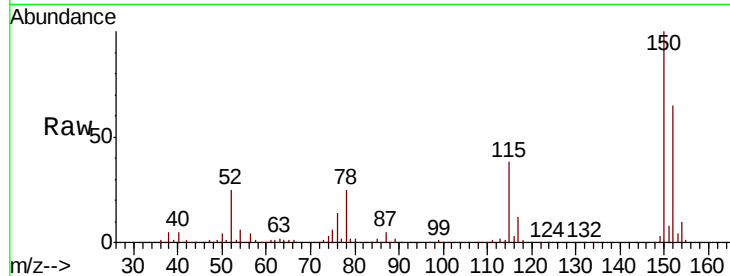


#1

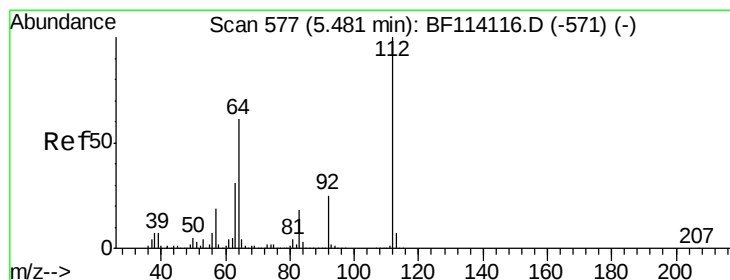
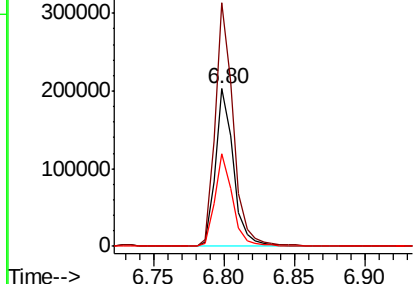
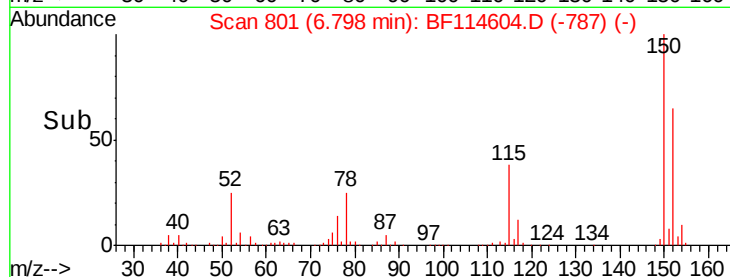
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BL

Tot Ion:152 Resp: 179863
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.3 186.5
 115 59.2 49.1 73.7



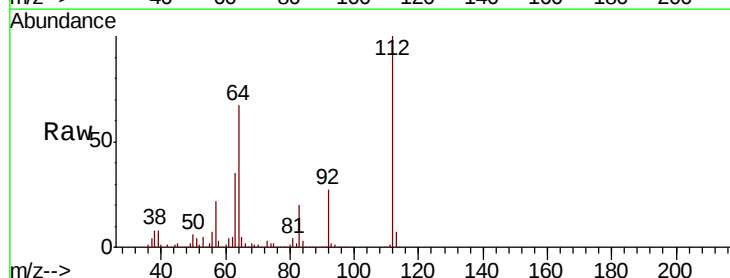
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



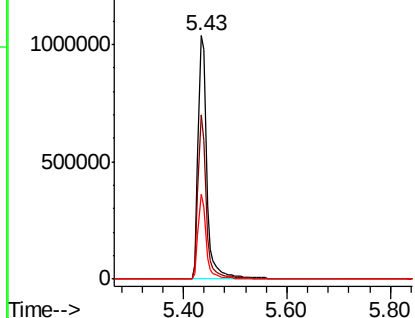
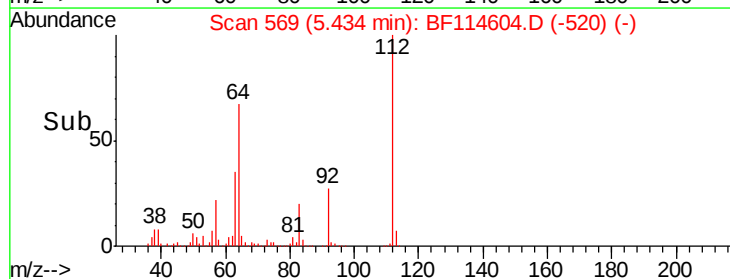
#5

2-Fluorophenol
 Concen: 108.780 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Tgt Ion:112 Resp: 1215809
 Ion Ratio Lower Upper
 112 100
 64 67.3 49.0 73.6
 63 34.7 24.6 37.0



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: 119.117 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB119810BL

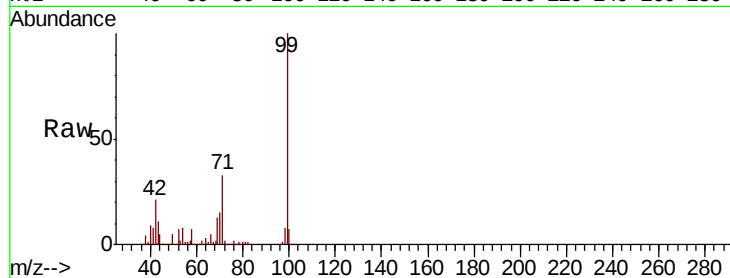
Tot Ion: 99 Resp: 1574621

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

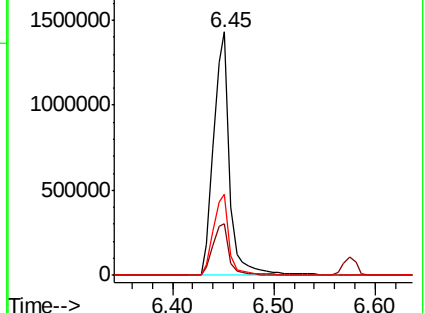
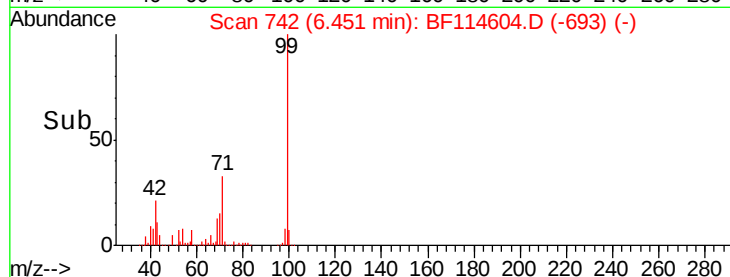
71 33.5 26.2 39.2



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: 15.498 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

Tgt Ion: 70 Resp: 129859

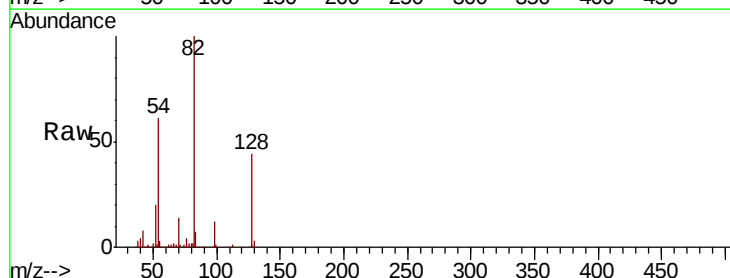
Ion Ratio Lower Upper

70 100

42 57.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

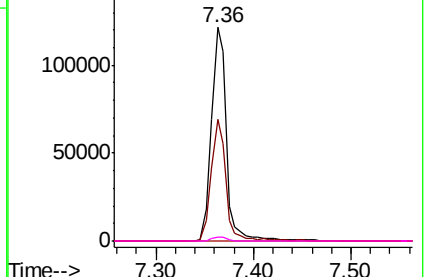
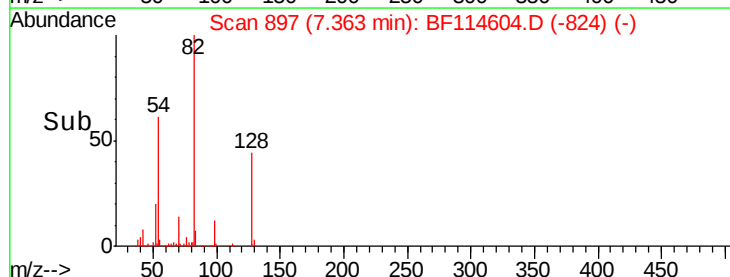


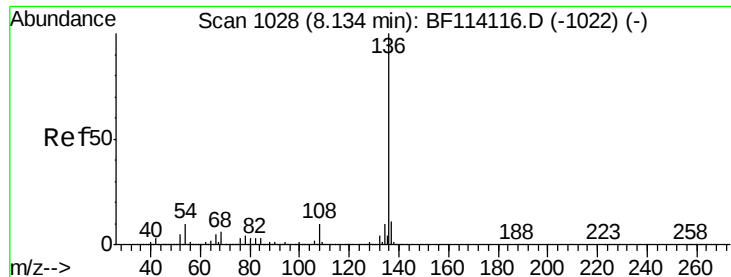
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

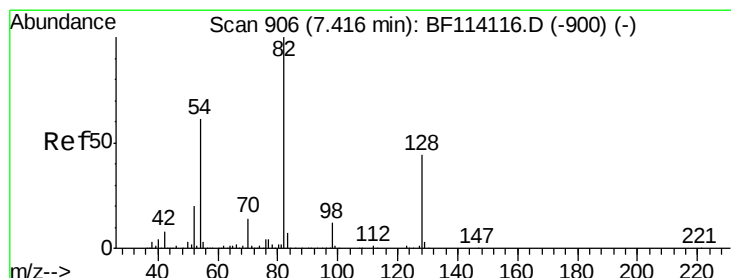
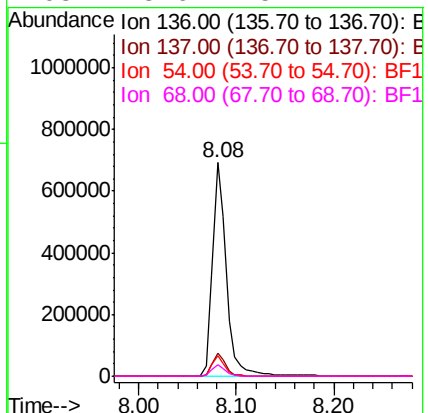
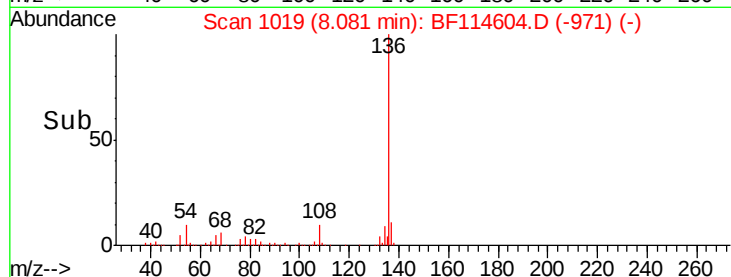
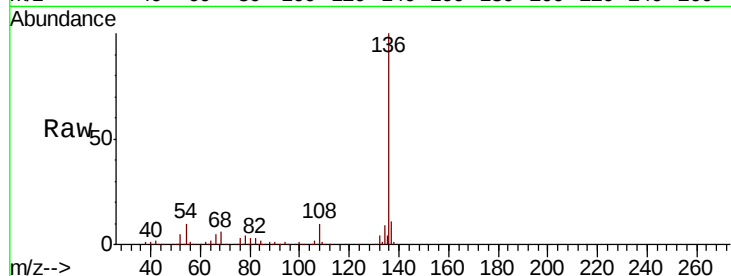




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114604.D
Acq: 25 May 2019 15:27

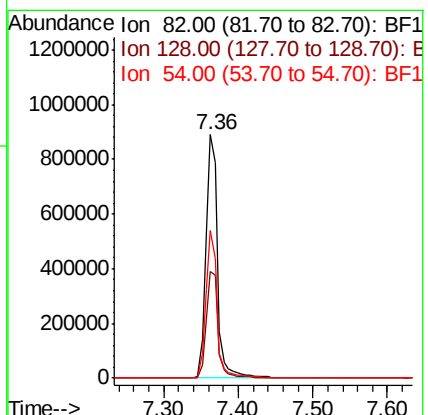
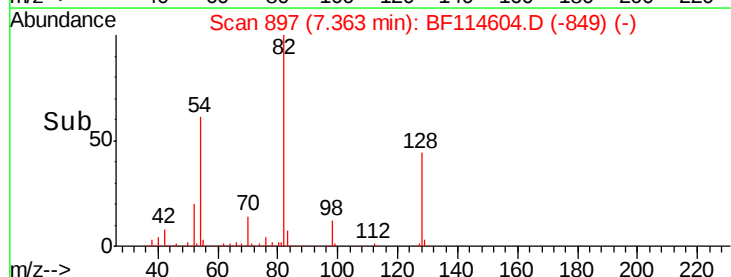
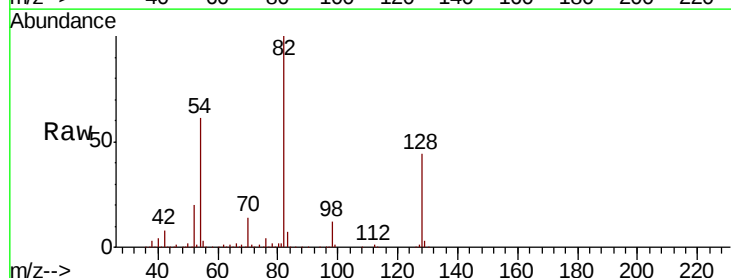
Instrument :
BNA_F
ClientSampleId :
PB119810BL

Tot Ion:136	Resp:	690348
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	9.6	7.8 11.8
68	5.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 79.138 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114604.D
Acq: 25 May 2019 15:27

Tgt Ion: 82	Resp:	973497
Ion Ratio	Lower	Upper
82	100	
128	44.0	35.5 53.3
54	60.8	48.5 72.7





#25

Isophorone

Concen: 42.671 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB119810BL

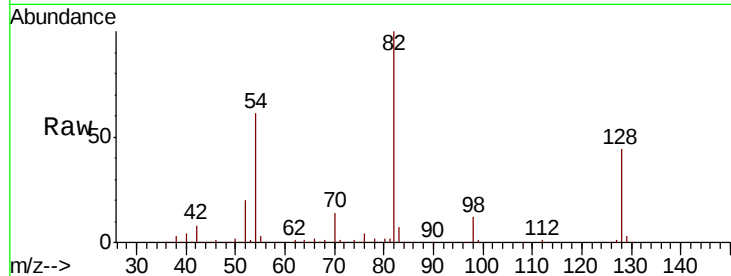
Tot Ion: 82 Resp: 973490

Ion Ratio Lower Upper

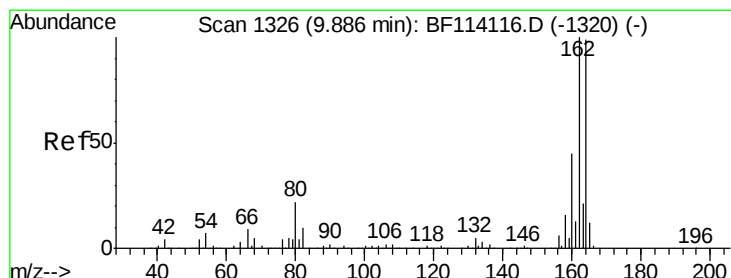
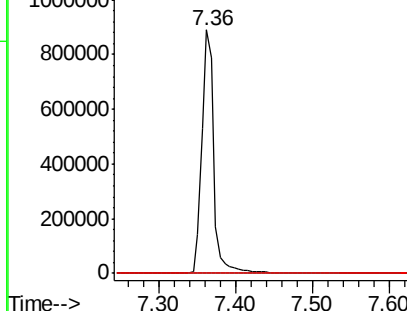
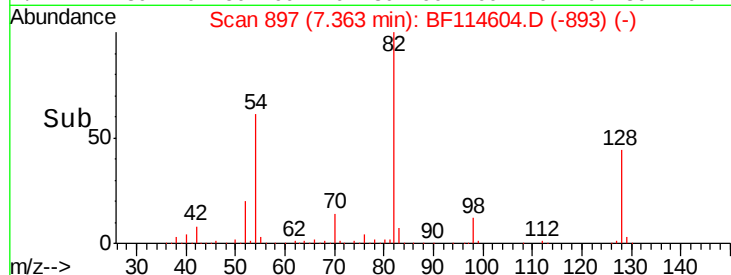
82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

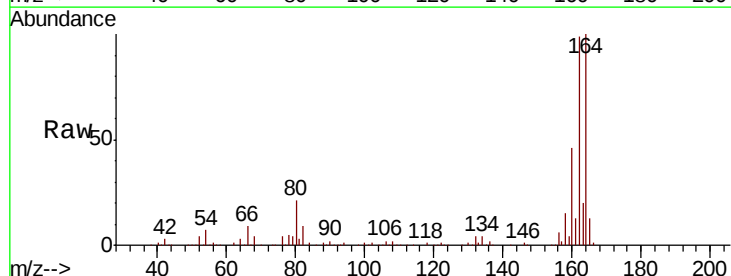
Tgt Ion: 164 Resp: 339027

Ion Ratio Lower Upper

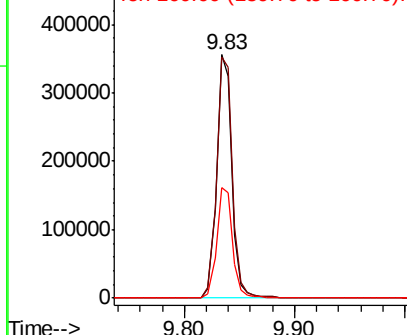
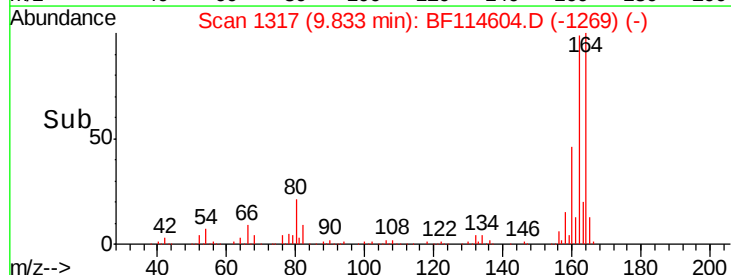
164 100

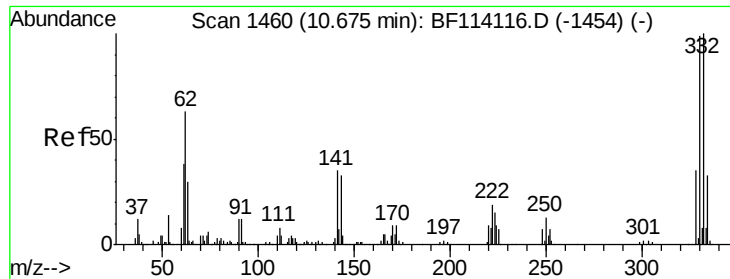
162 99.2 80.6 120.8

160 45.5 36.5 54.7



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

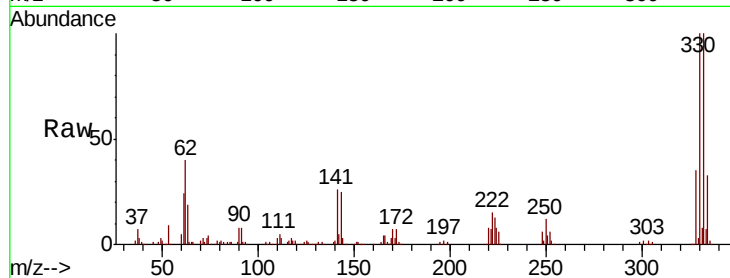




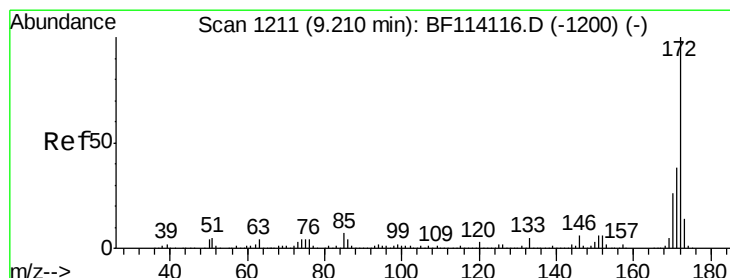
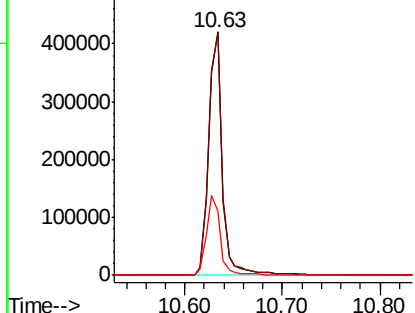
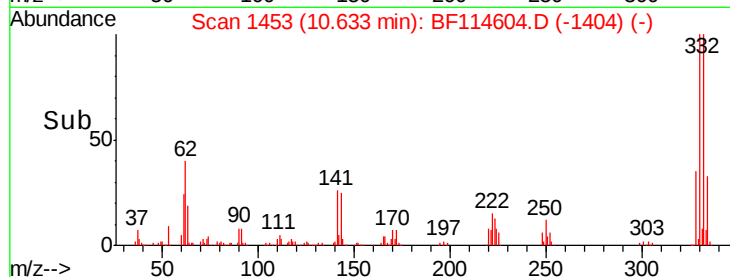
#42
 2,4,6-Tribromophenol
 Concen: 116.130 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Instrument :
 BNA_F
 ClientSampled :
 PB119810BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	33.6	26.6	40.0

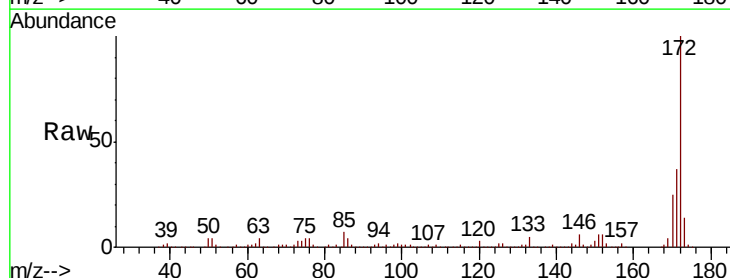


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

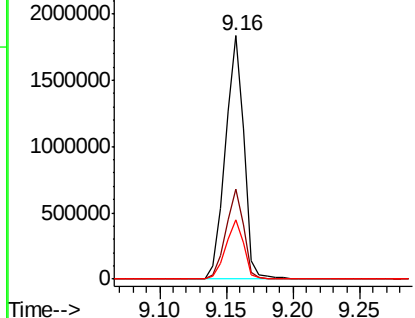
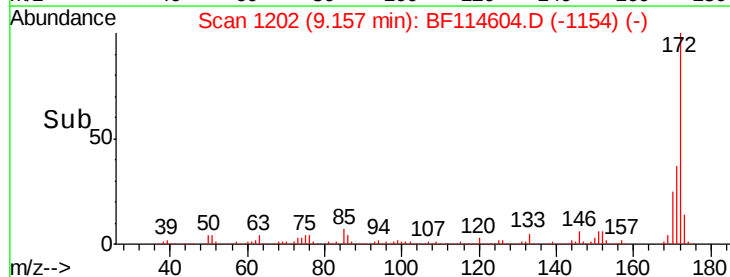


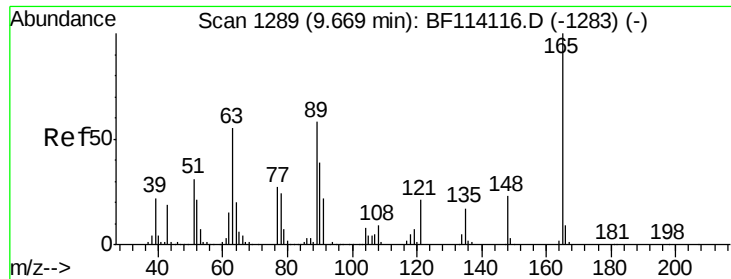
#45
 2-Fluorobiphenyl
 Concen: 80.696 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.6	20.5	30.7



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

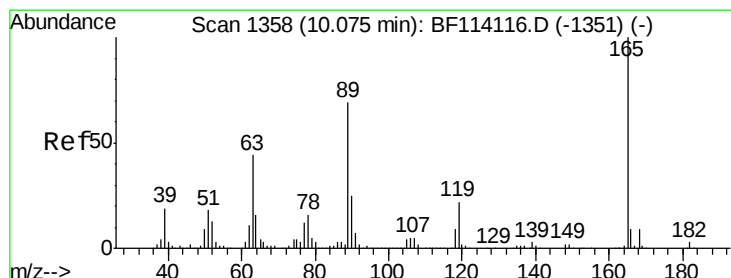
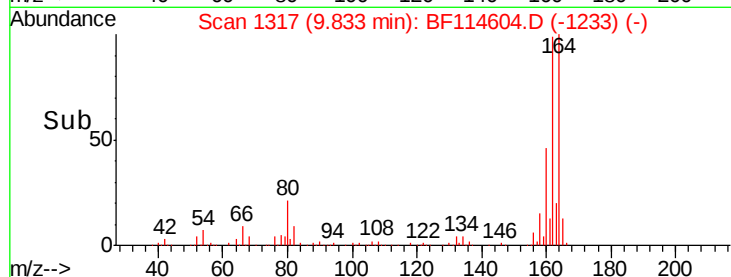
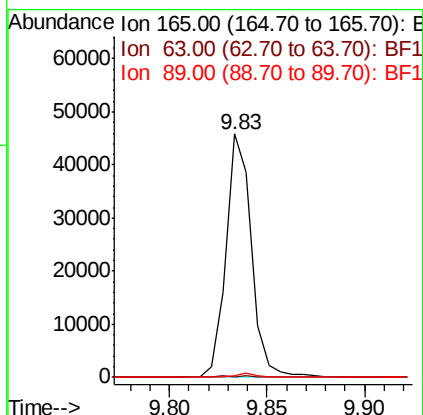
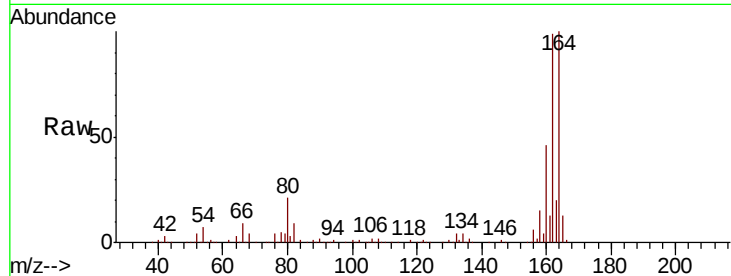




#51
 2,6-Dinitrotoluene
 Concen: 7.466 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

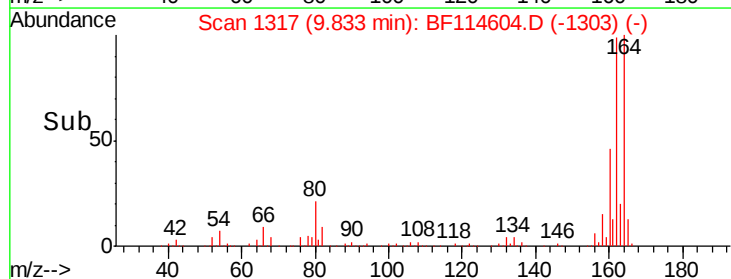
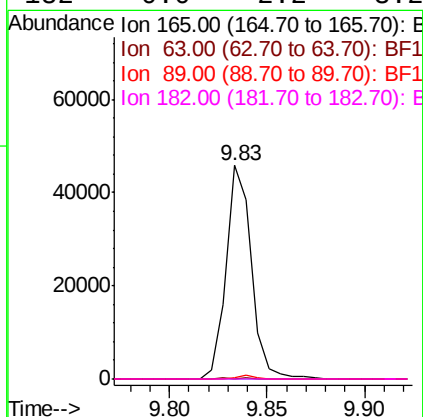
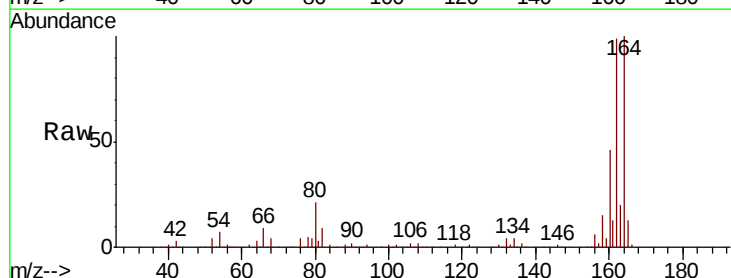
Instrument :
 BNA_F
 ClientSampleId :
 PB119810BL

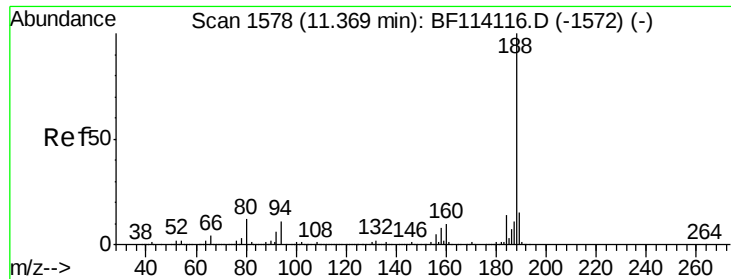
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.2	75.4#
89	0.9	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.501 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.5	53.3#
89	0.9	55.2	82.8#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB119810BL

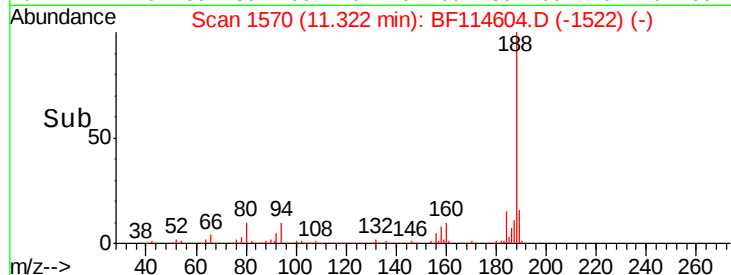
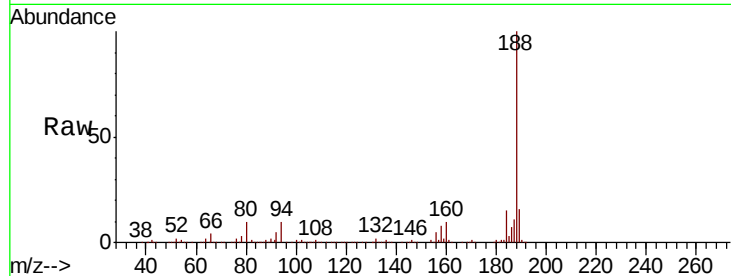
Tot Ion:188 Resp: 690216

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

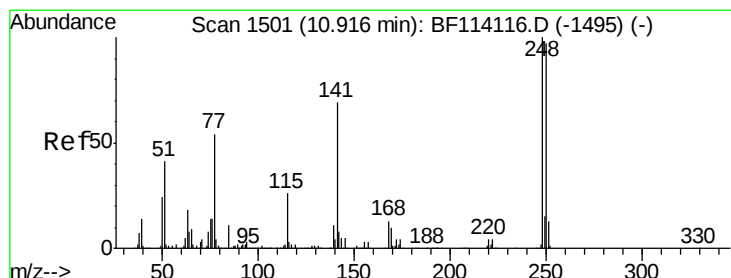
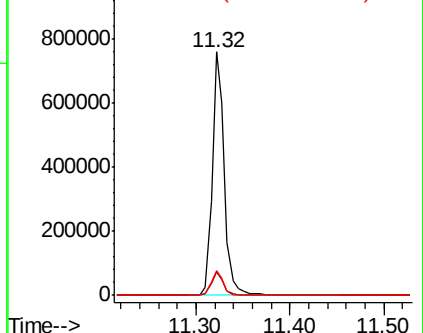
80 10.3 9.2 13.8



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



#67

4-Bromophenyl-phenylether

Concen: 3.374 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

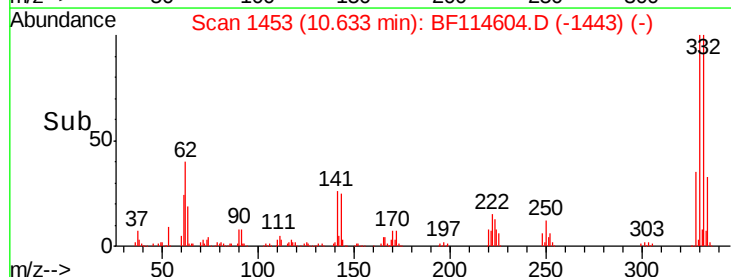
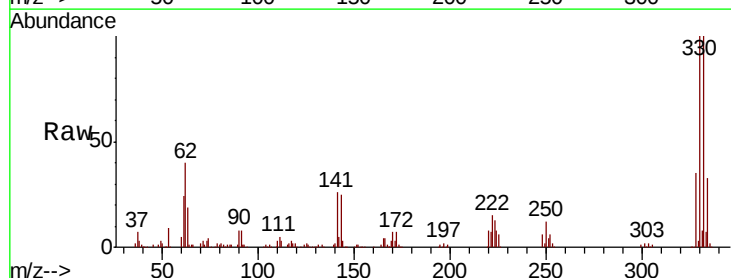
Tgt Ion:248 Resp: 25641

Ion Ratio Lower Upper

248 100

250 200.9 77.4 116.2#

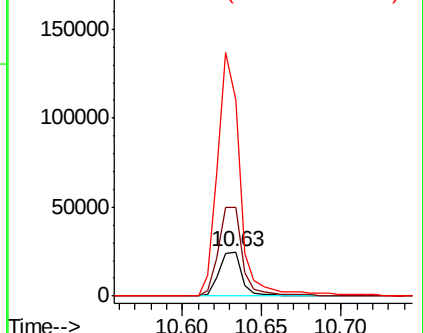
141 444.0 55.6 83.4#

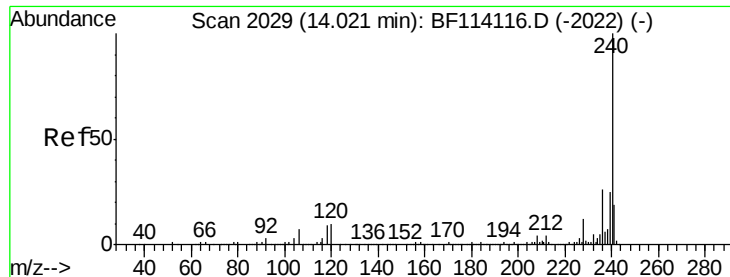


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

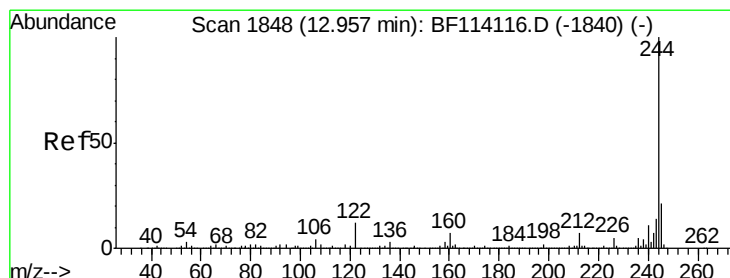
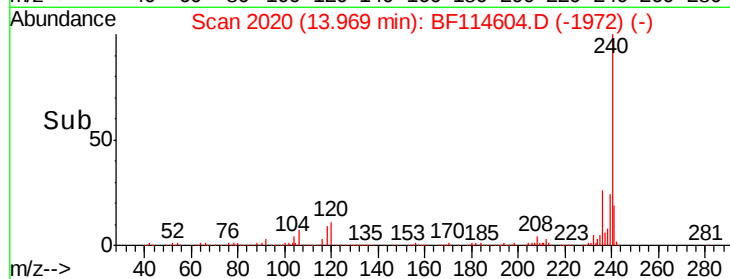
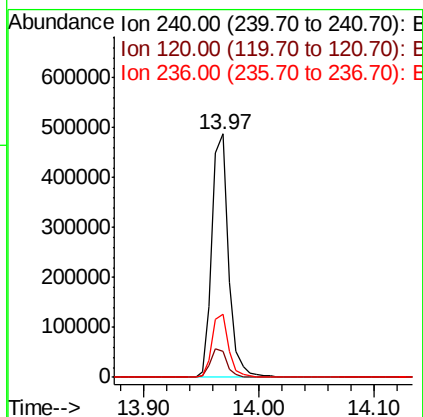
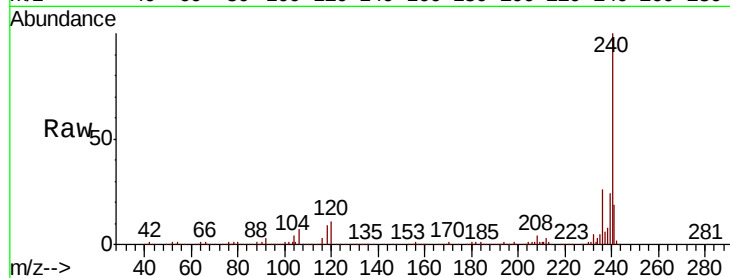




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114604.D
Acq: 25 May 2019 15:27

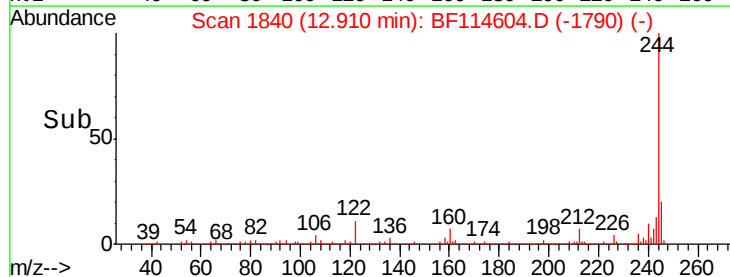
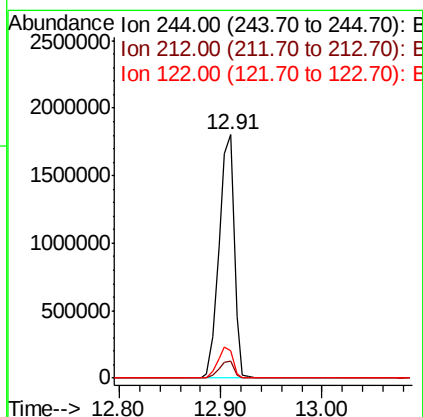
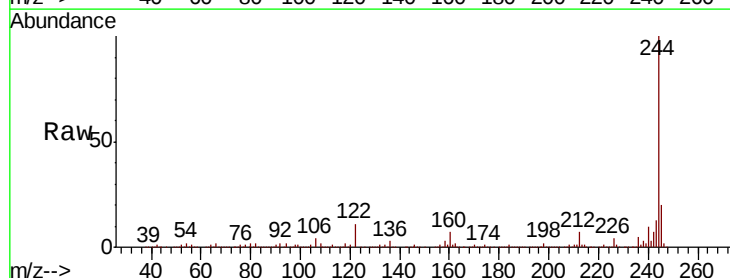
Instrument :
BNA_F
ClientSampleId :
PB119810BL

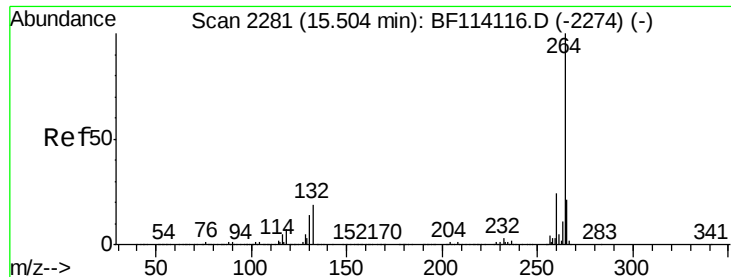
Tot Ion:240 Resp: 487847
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 79.197 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF114604.D
Acq: 25 May 2019 15:27

Tgt Ion:244 Resp: 1874225
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.2 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.9	16.9	25.3

