

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115013.D
 Acq On : 13 Jun 2019 20:30
 Operator : HP/JU
 Sample : K3345-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB_061119

Quant Time: Jun 14 04:18:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	260728	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	997104	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	473409	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	868732	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	590934	20.00	ng	-0.01
87) Perylene-d12	15.14	264	577554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	820697	52.56	ng	0.00
7) Phenol-d6	6.28	99	630048	33.45	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1415693	85.46	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	531545	104.85	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2605360	93.27	ng	0.00
79) Terphenyl-d14	12.73	244	2514925	80.05	ng	0.00

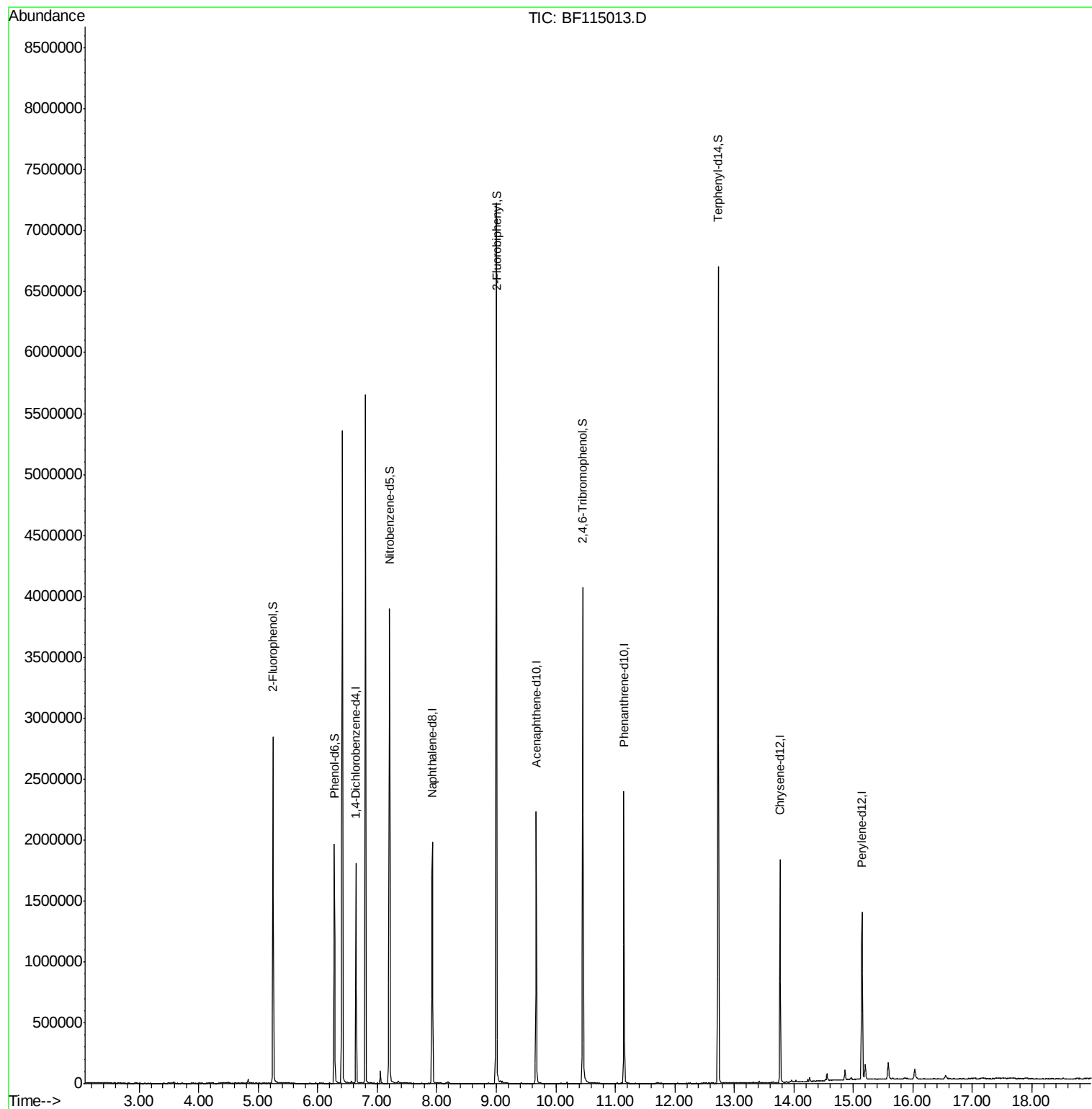
Target Compounds Qvalue

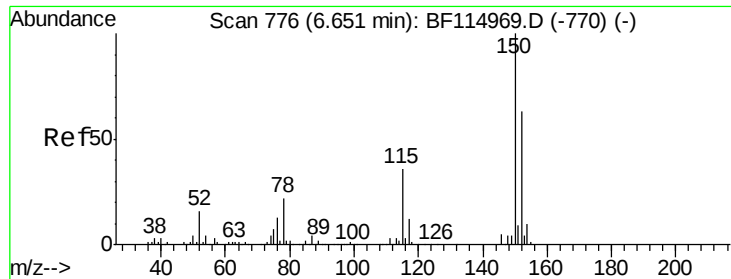
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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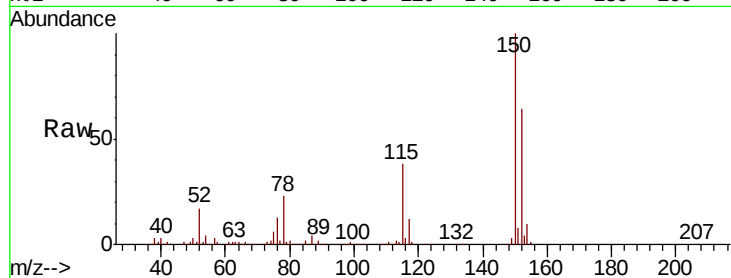


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampleId :
FB_061119

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.0
115	58.9	46.0	69.0

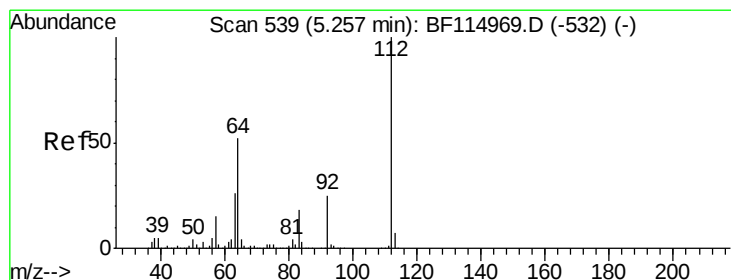
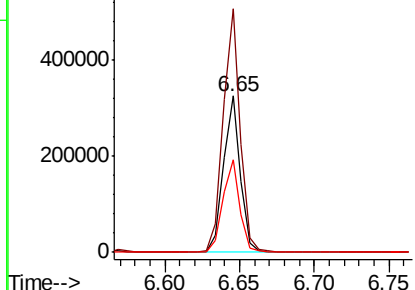
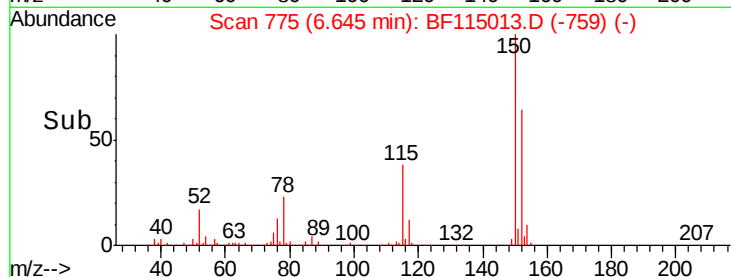


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

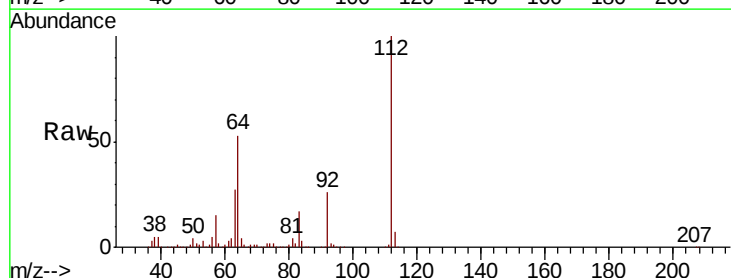
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.560 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.6	62.4
63	27.1	20.9	31.3

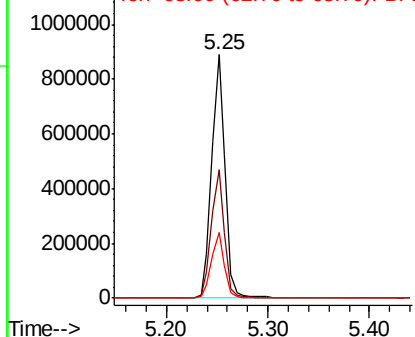
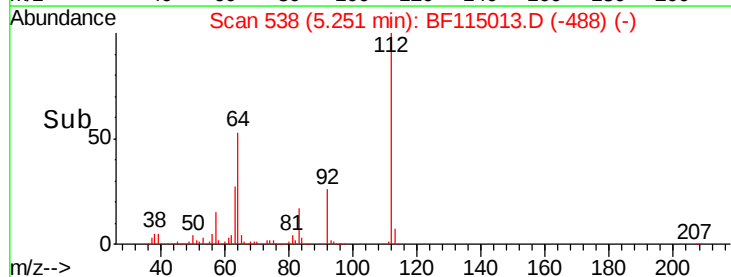


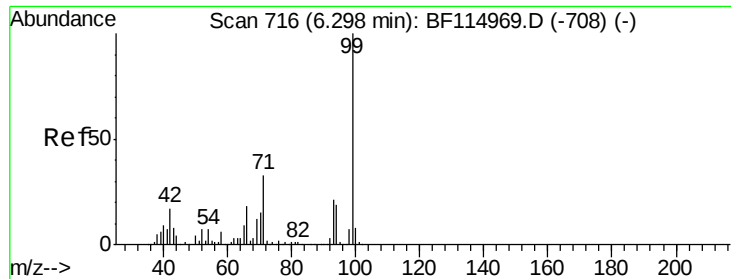
Abundance

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: 33.450 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115013.D

Acq: 13 Jun 2019 20:30

Instrument :

BNA_F

ClientSampleId :

FB_061119

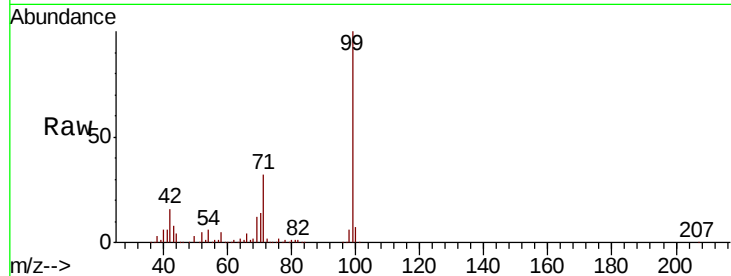
Tot Ion: 99 Resp: 630048

Ion Ratio Lower Upper

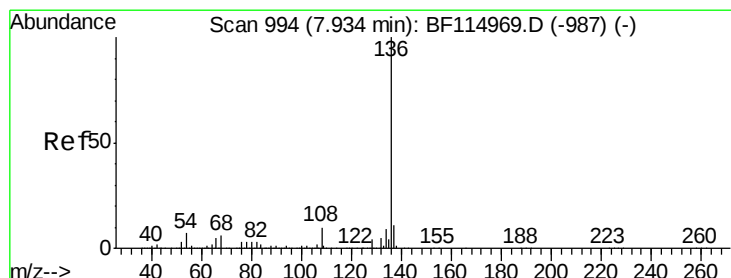
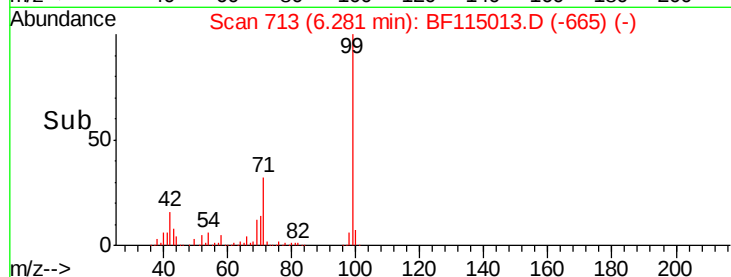
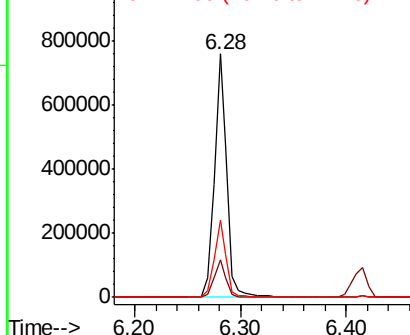
99 100

42 15.6 13.4 20.2

71 31.9 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115013.D

Acq: 13 Jun 2019 20:30

Tgt Ion: 136 Resp: 997104

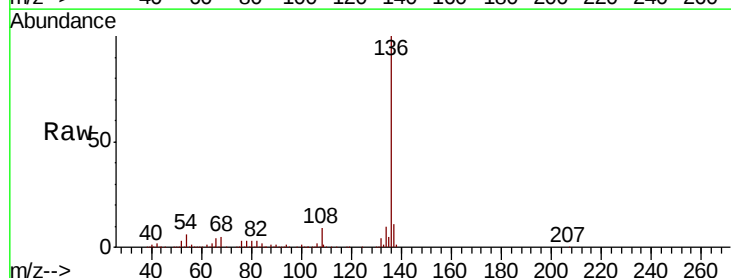
Ion Ratio Lower Upper

136 100

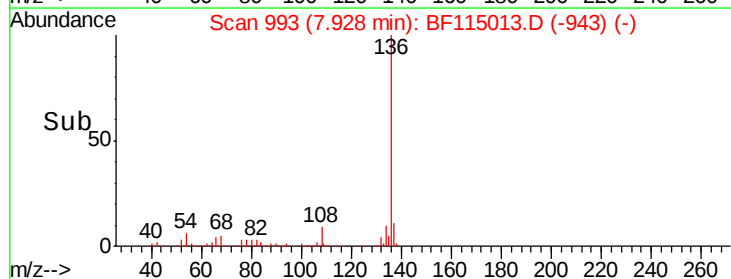
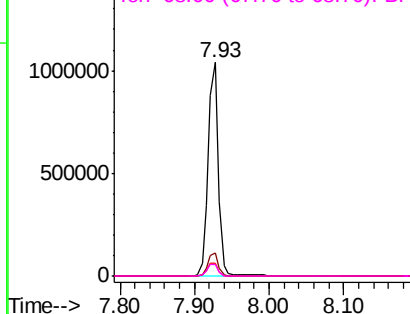
137 11.0 9.0 13.4

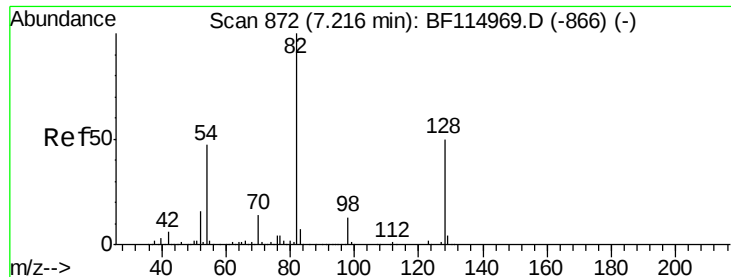
54 6.1 5.4 8.0

68 5.3 4.6 7.0



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



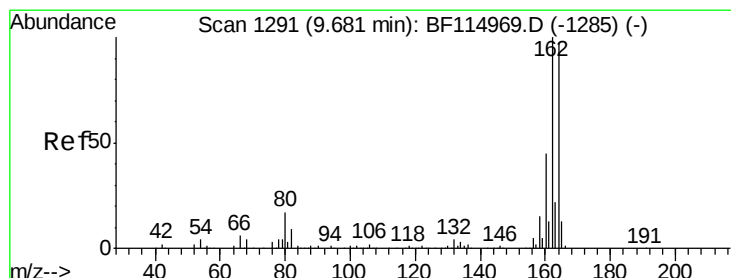
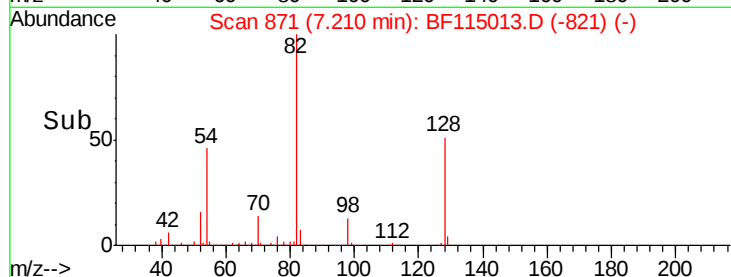
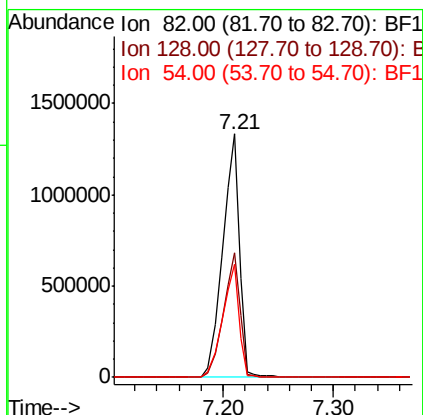
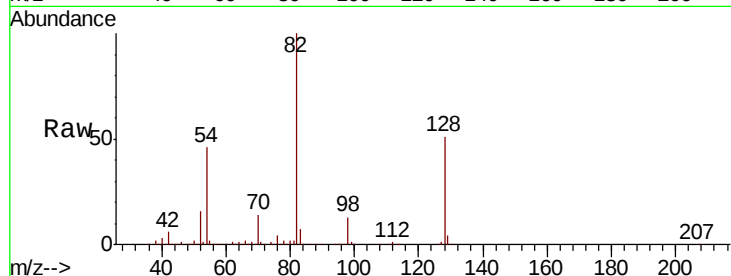


#23
 Nitrobenzene-d5
 Concen: 85.461 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115013.D
 Acq: 13 Jun 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 FB_061119

Tot Ion: 82 Resp: 1415693

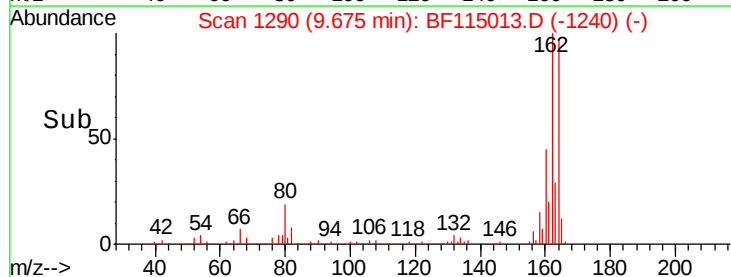
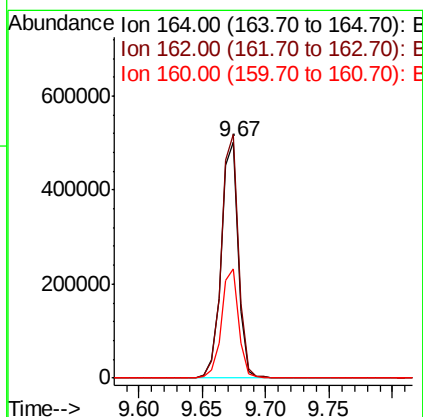
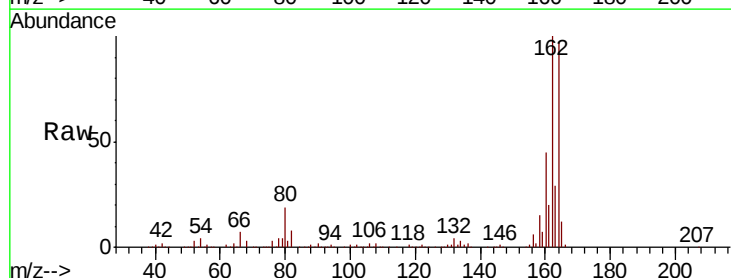
Ion	Ratio	Lower	Upper
82	100		
128	51.1	39.9	59.9
54	46.4	37.3	55.9

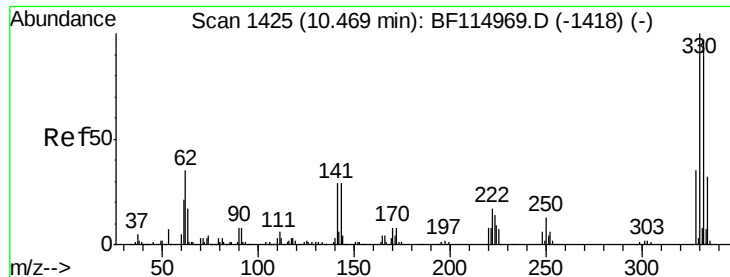


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115013.D
 Acq: 13 Jun 2019 20:30

Tgt Ion: 164 Resp: 473409

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	124.0
160	46.0	36.9	55.3

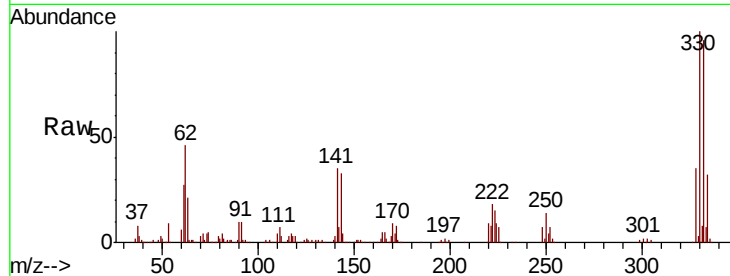




#42
 2,4,6-Tribromophenol
 Concen: 104.850 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115013.D
 Acq: 13 Jun 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 FB_061119

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	33.6	27.2	40.8

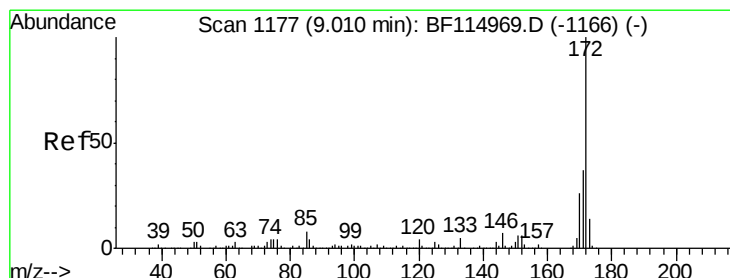
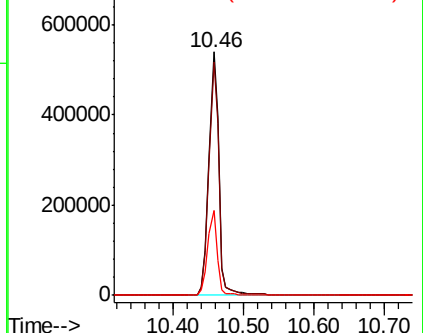
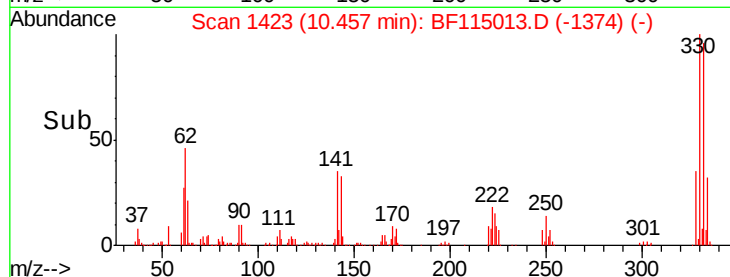


Abundance

Ion 329.80 (329.50 to 330.50): E

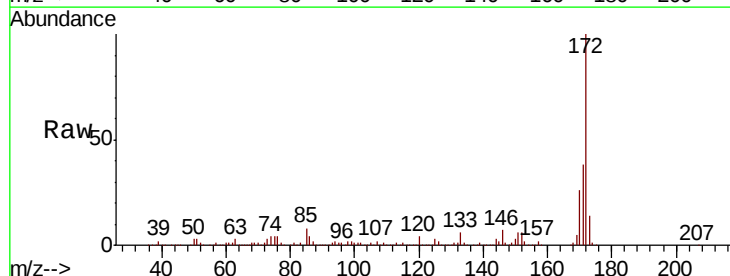
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.274 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115013.D
 Acq: 13 Jun 2019 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.7	20.6	31.0

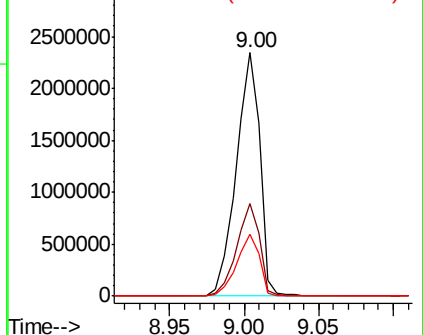
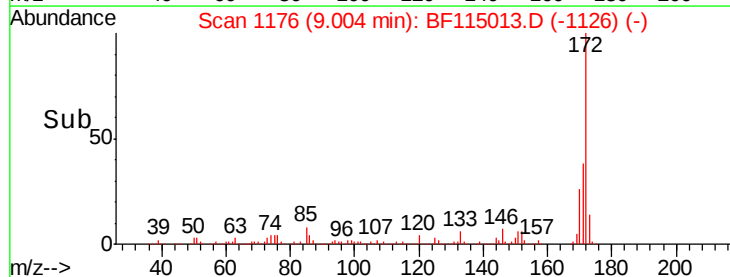


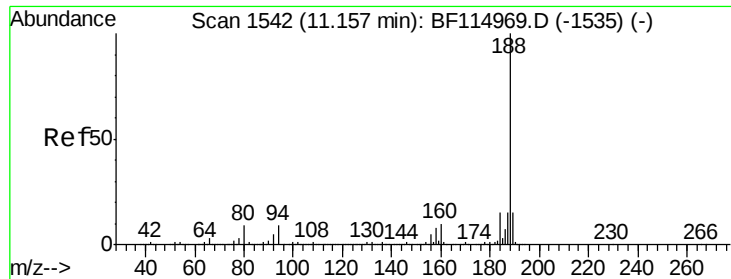
Abundance

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

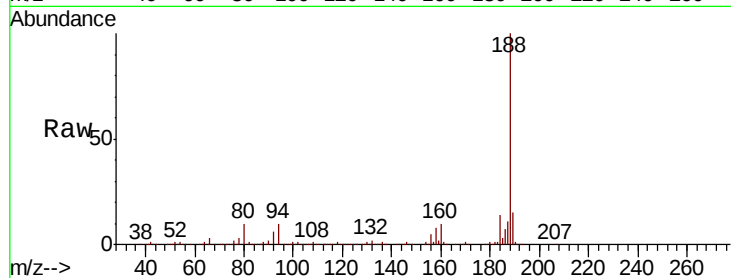




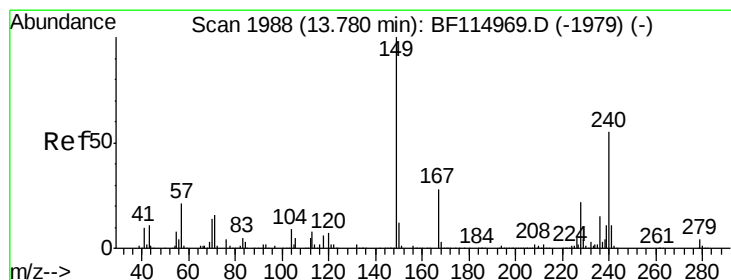
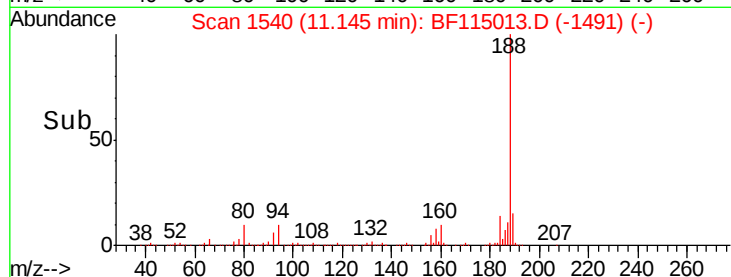
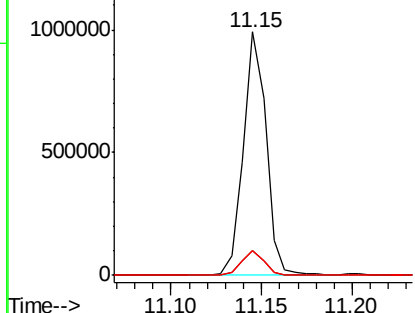
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Instrument :
BNA_F
ClientSampled :
FB_061119

Tot Ion:188 Resp: 868732
Ion Ratio Lower Upper
188 100
94 10.2 7.2 10.8
80 10.2 7.4 11.2

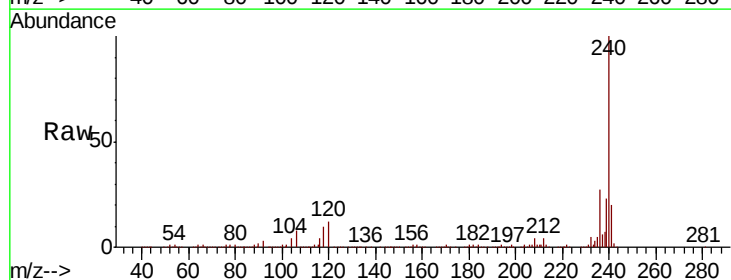


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

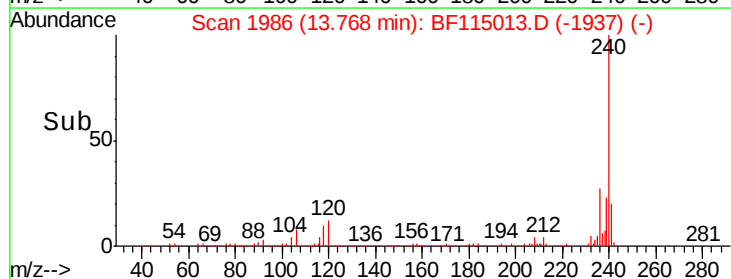
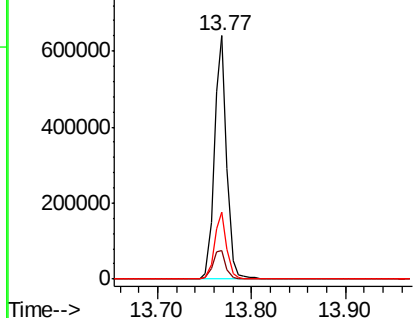


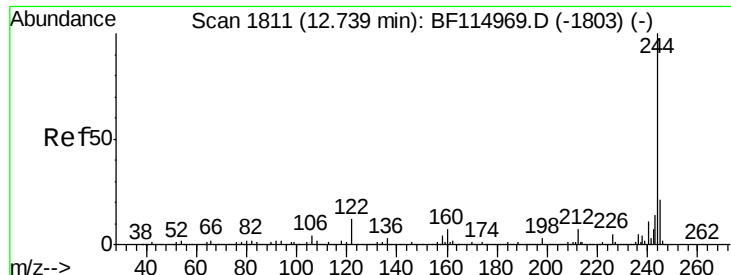
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115013.D
Acq: 13 Jun 2019 20:30

Tgt Ion:240 Resp: 590934
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 27.3 21.6 32.4



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

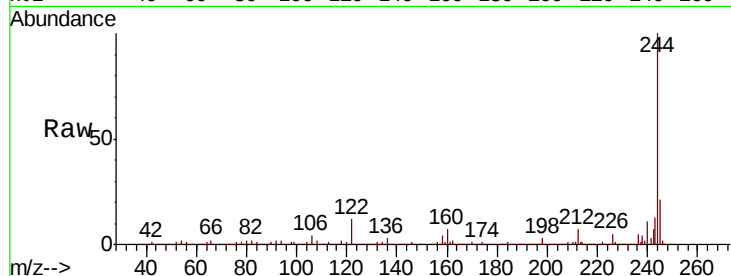




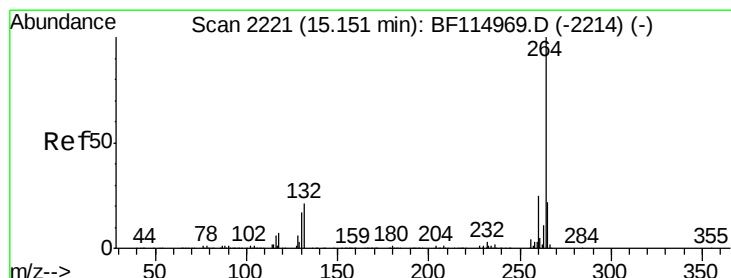
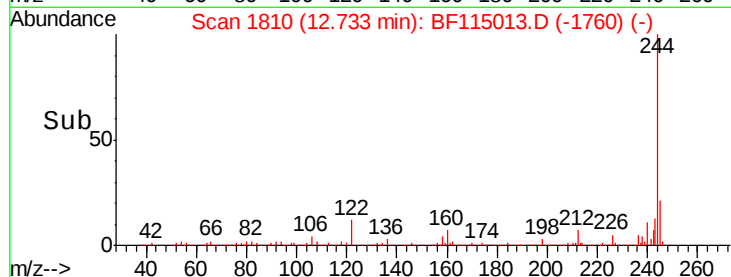
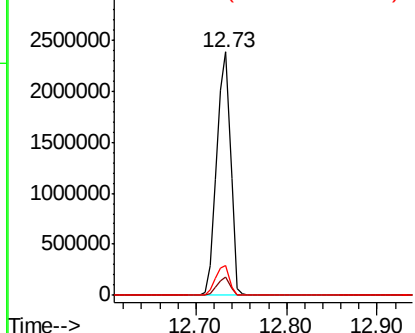
#79
 Terphenyl-d14
 Concen: 80.047 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115013.D
 Acq: 13 Jun 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 FB_061119

Tot Ion:244 Resp: 2514925
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.0 9.4 14.0

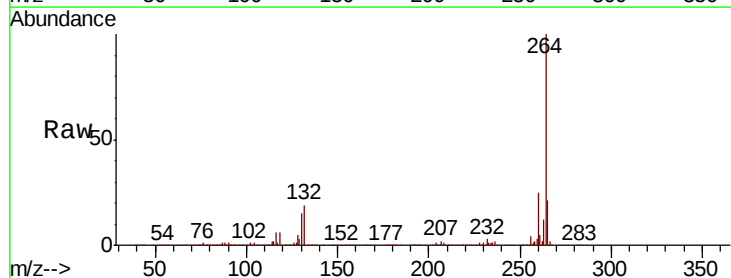


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115013.D
 Acq: 13 Jun 2019 20:30

Tgt Ion:264 Resp: 577554
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 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

