

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116130.D
 Acq On : 9 Aug 2019 23:23
 Operator : HP/JU
 Sample : K4092-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

Quant Time: Aug 10 06:42:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

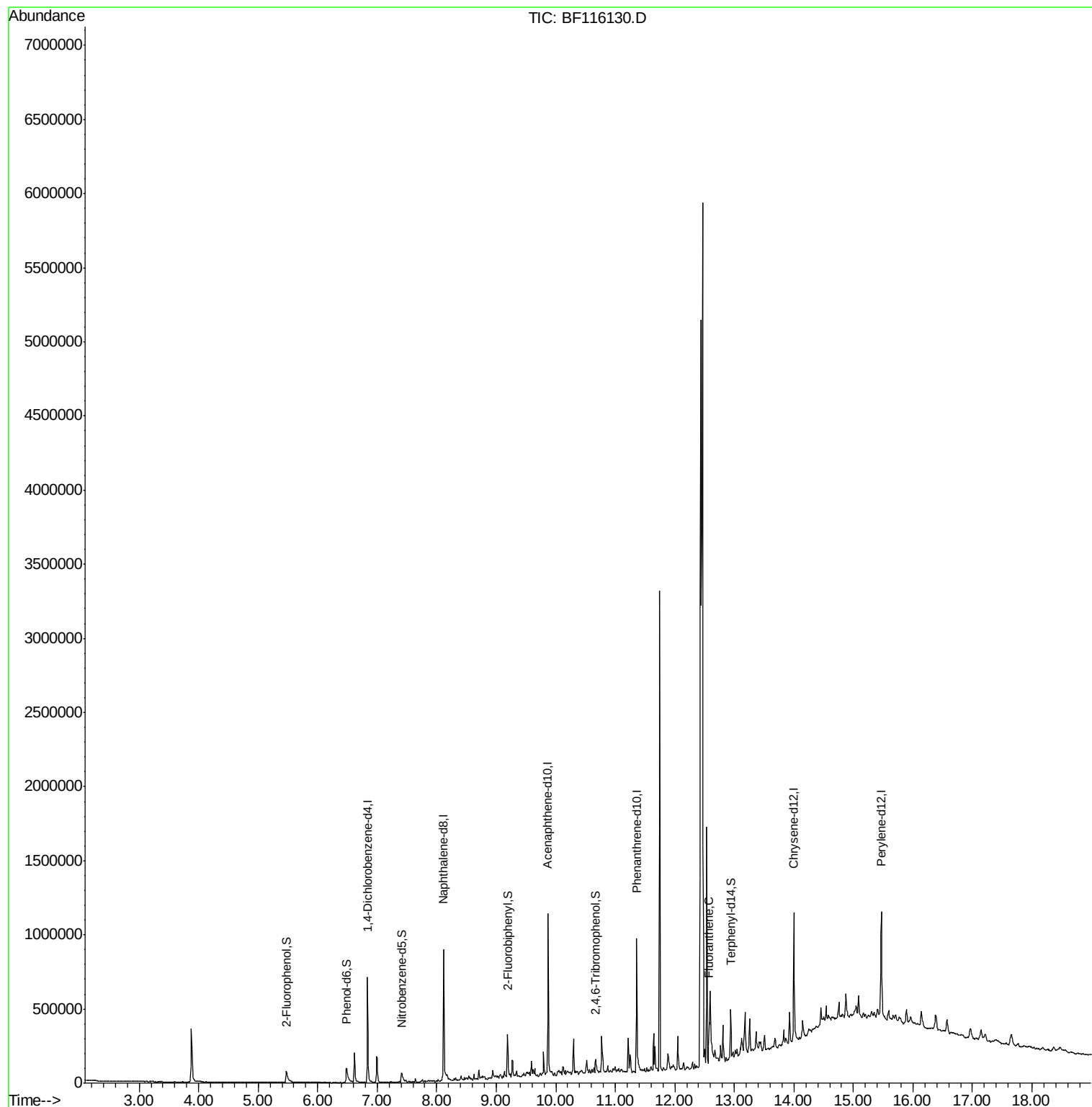
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	120487	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	483750	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	233653	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	356833	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	299540	20.00	ng	0.00
87) Perylene-d12	15.47	264	310352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	58683	8.15	ng	0.00
7) Phenol-d6	6.49	99	86140	9.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	48191	5.75	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	16292	7.19	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	110484	8.86	ng	-0.01
79) Terphenyl-d14	12.94	244	95408	6.71	ng	-0.01
Target Compounds						
75) Fluoranthene	12.57	202	42750	2.238	ng	Qvalue 96

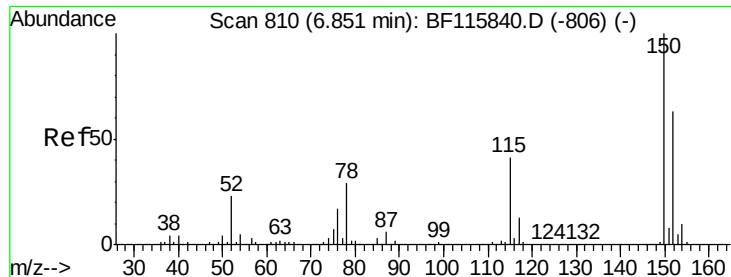
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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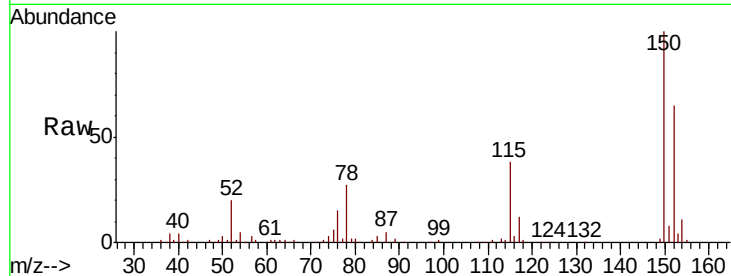


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

Tot Ion	152	Resp	120487
Ion Ratio	Lower	Upper	
152	100		
150	153.7	126.2	189.2
115	59.0	49.9	74.9

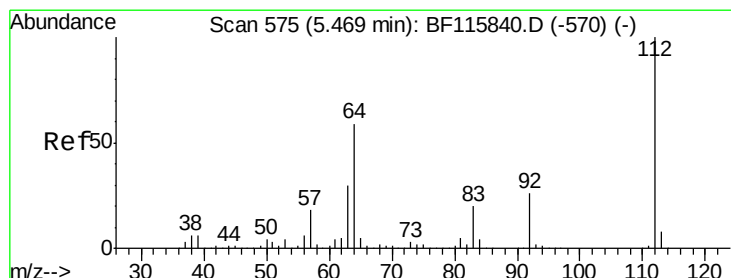
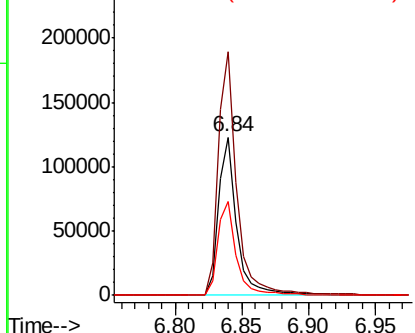
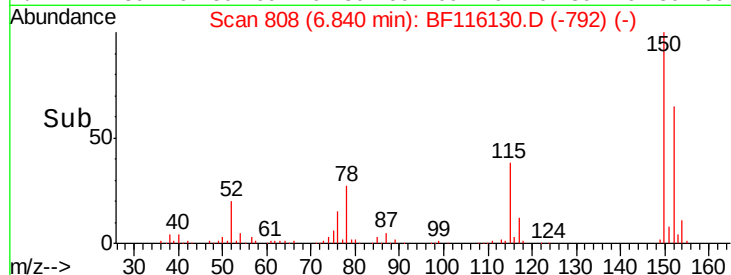


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

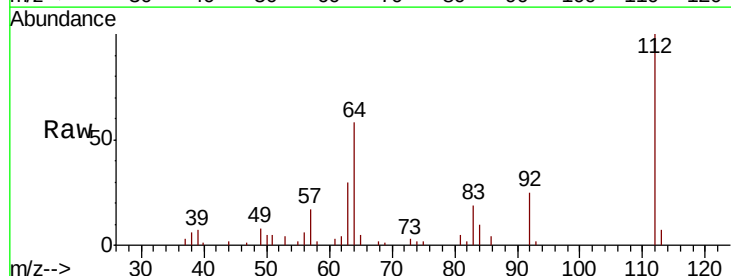
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 8.153 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

Tgt Ion	112	Resp	58683
Ion Ratio	Lower	Upper	
112	100		
64	58.1	45.4	68.2
63	30.2	23.7	35.5

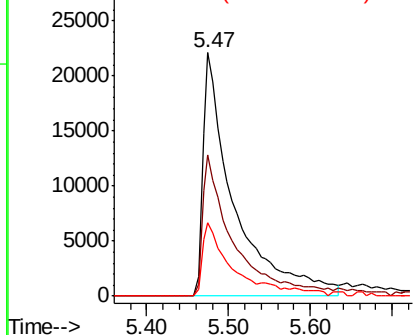
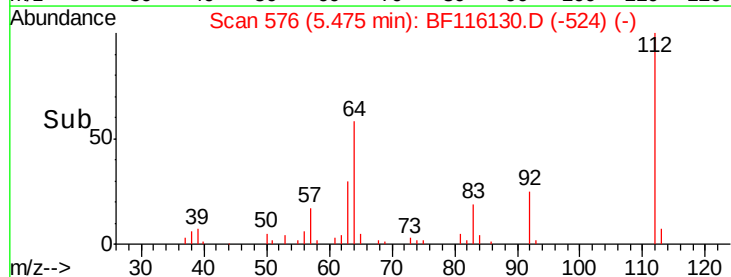


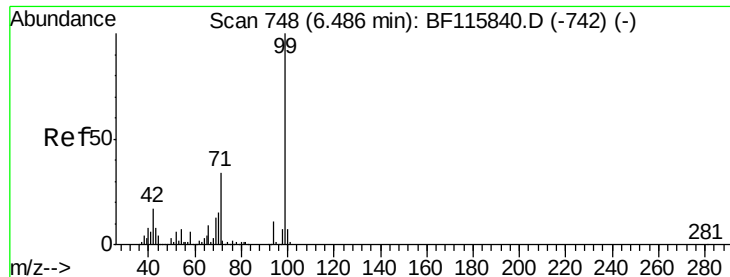
Abundance

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: 9.486 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116130.D

Acq: 9 Aug 2019 23:23

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-B

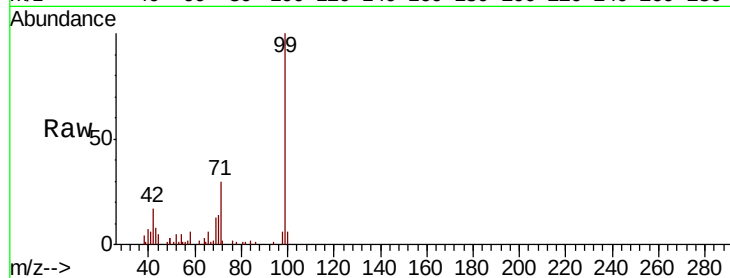
Tot Ion: 99 Resp: 86140

Ion Ratio Lower Upper

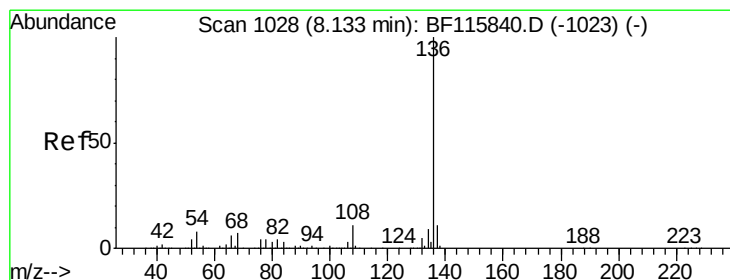
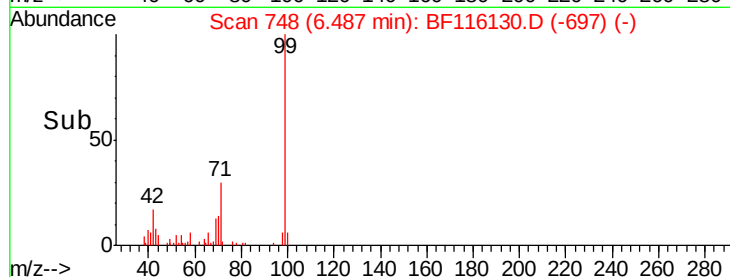
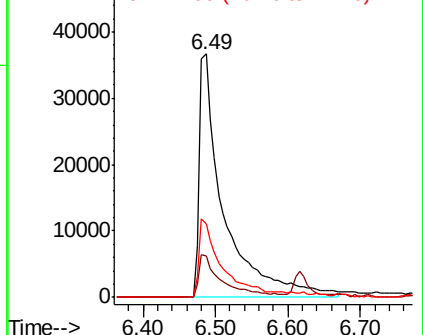
99 100

42 17.2 13.8 20.8

71 29.9 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116130.D

Acq: 9 Aug 2019 23:23

Tgt Ion: 136 Resp: 483750

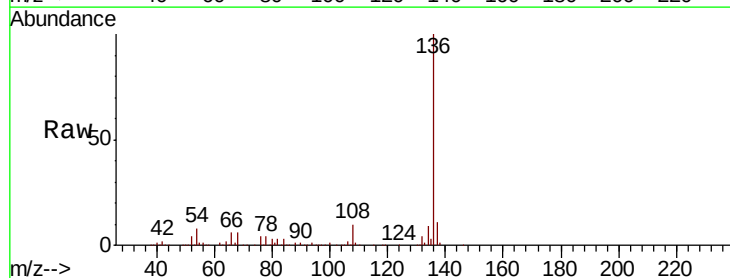
Ion Ratio Lower Upper

136 100

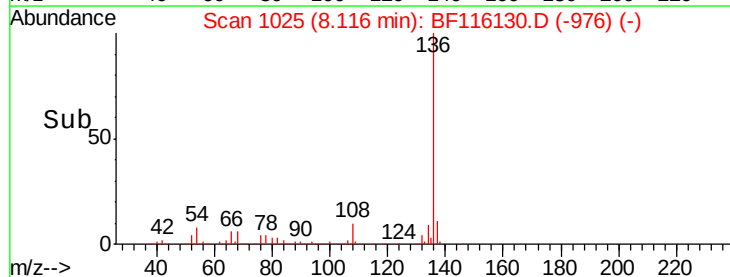
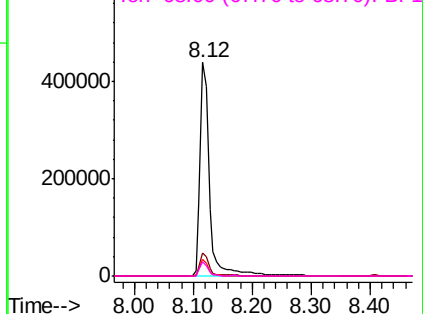
137 10.8 9.0 13.4

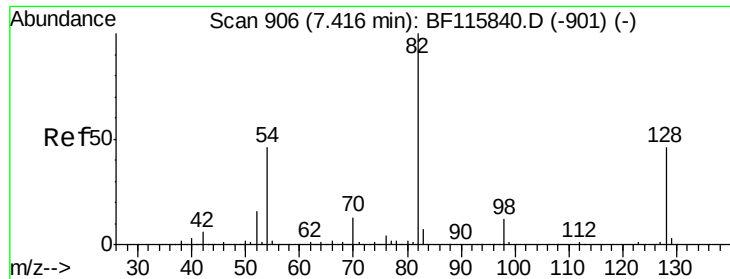
54 7.7 5.8 8.6

68 6.5 5.2 7.8



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: 5.750 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF116130.D

Acq: 9 Aug 2019 23:23

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-B

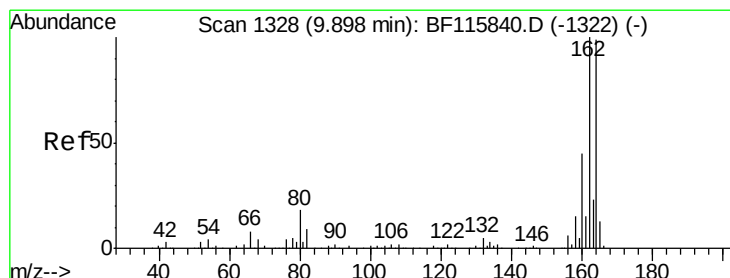
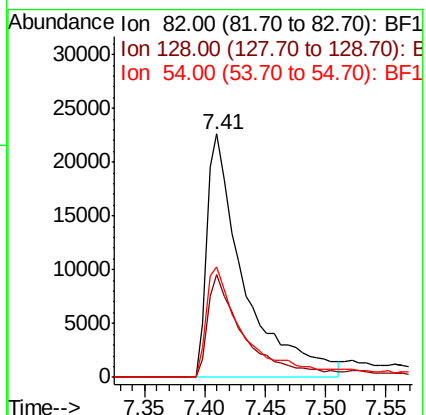
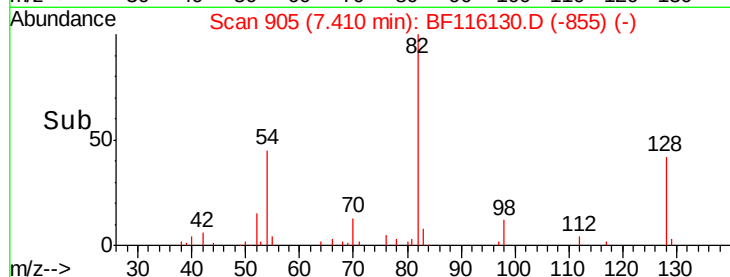
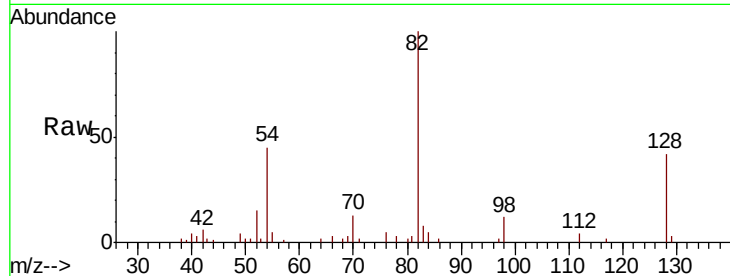
Tot Ion: 82 Resp: 48191

Ion Ratio Lower Upper

82 100

128 42.4 36.5 54.7

54 45.2 36.0 54.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116130.D

Acq: 9 Aug 2019 23:23

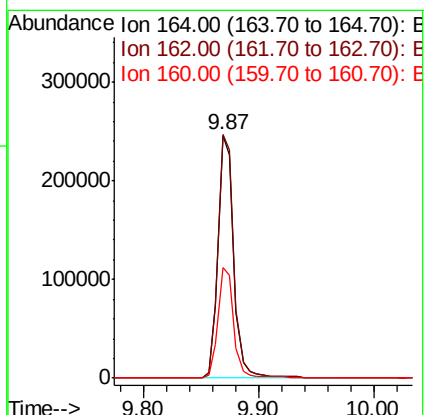
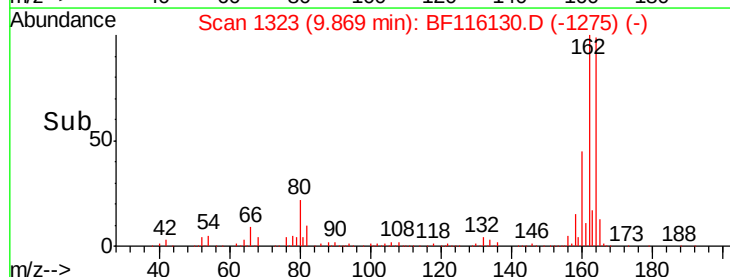
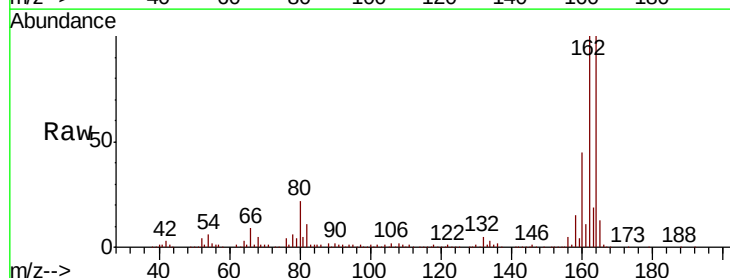
Tgt Ion: 164 Resp: 233653

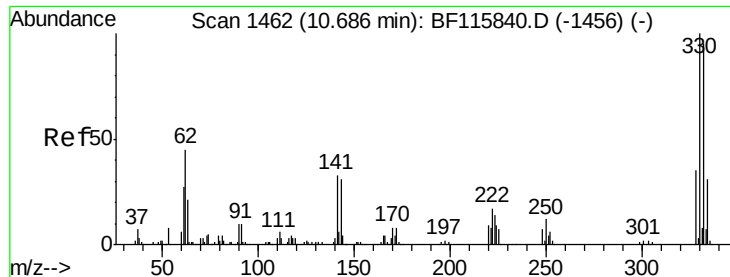
Ion Ratio Lower Upper

164 100

162 100.3 82.6 124.0

160 45.4 37.6 56.4

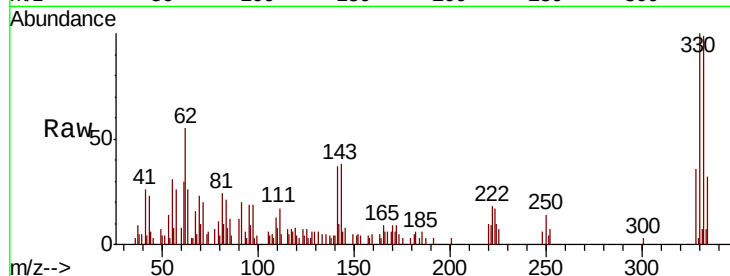




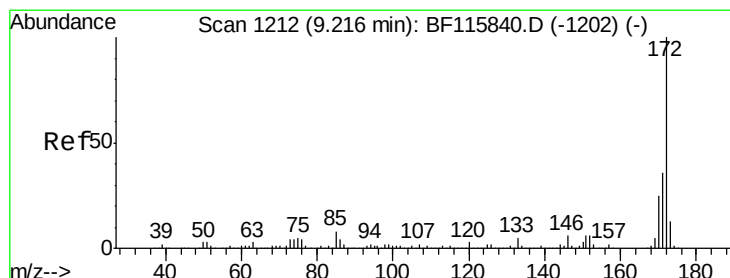
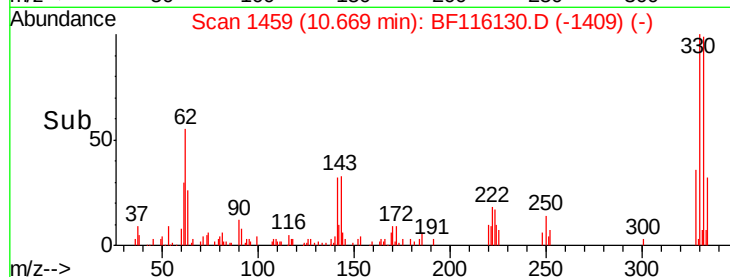
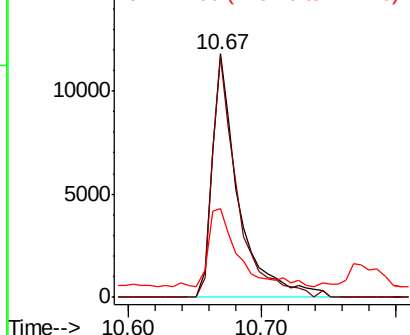
#42
 2,4,6-Tribromophenol
 Concen: 7.192 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

Tot Ion:330 Resp: 16292
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 37.6 26.3 39.5

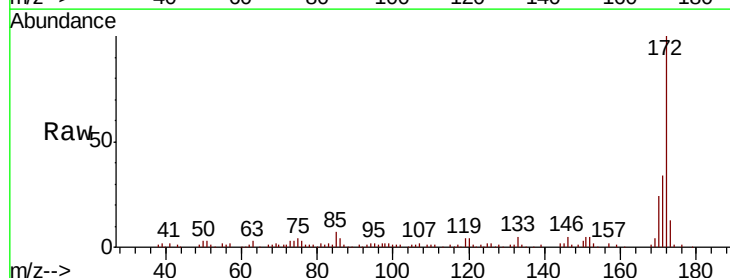


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

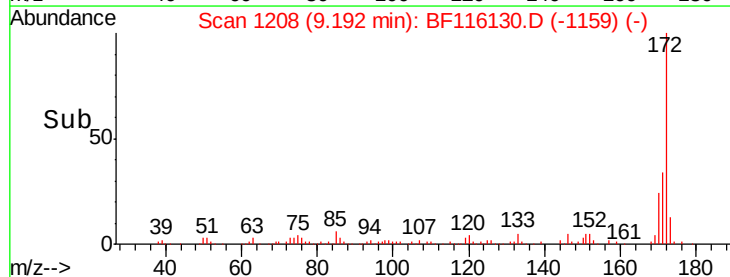
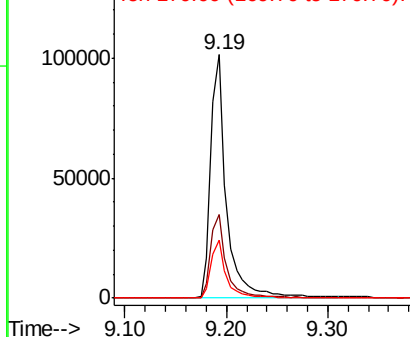


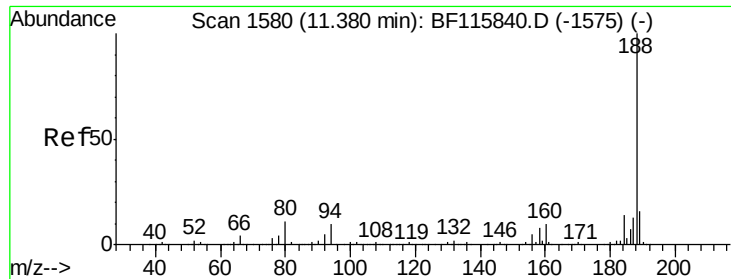
#45
 2-Fluorobiphenyl
 Concen: 8.857 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116130.D
 Acq: 9 Aug 2019 23:23

Tgt Ion:172 Resp: 110484
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.6 44.4
 170 23.7 20.1 30.1



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

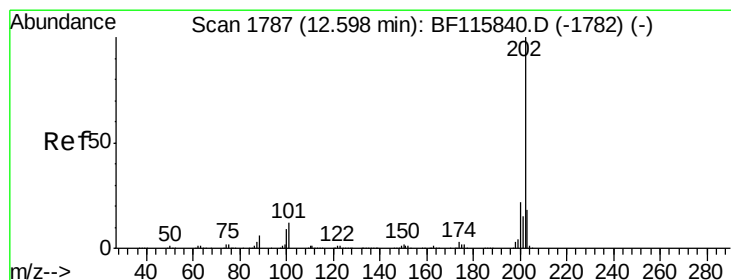
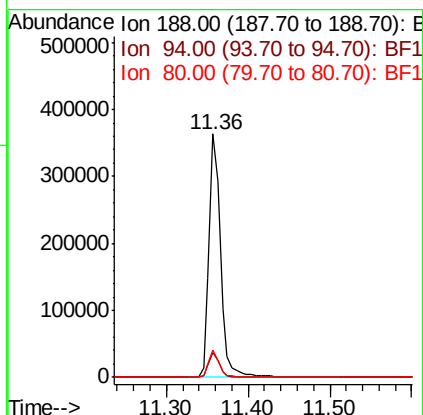
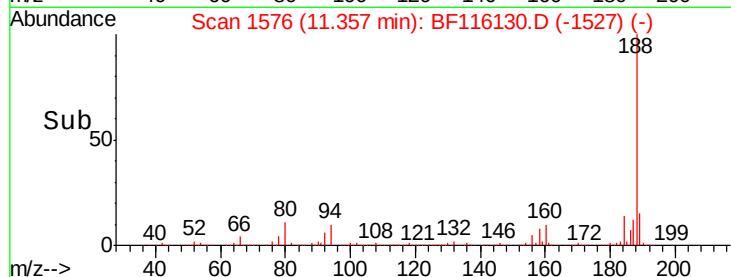
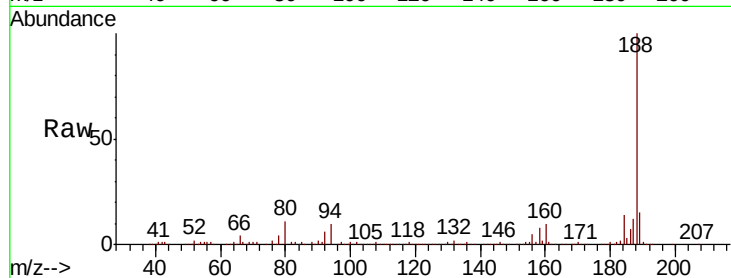




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

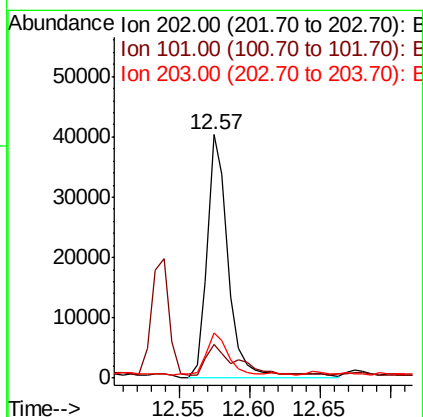
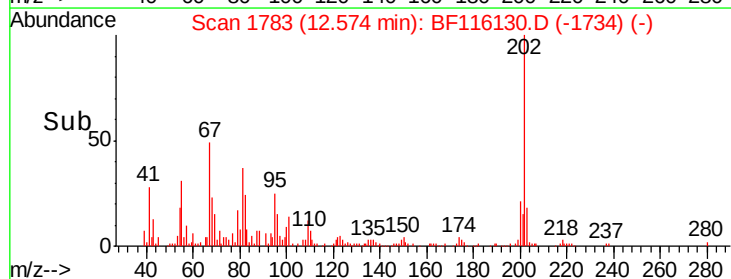
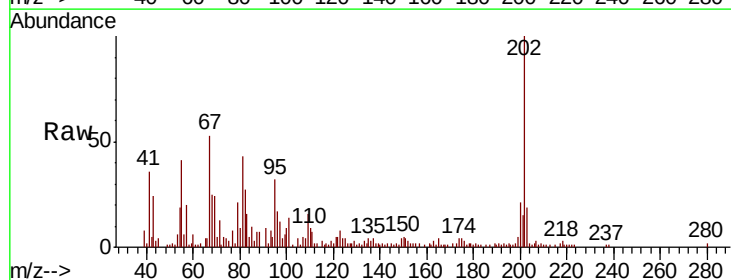
Instrument :
BNA_F
ClientSampleId :
EO-01-080719-B

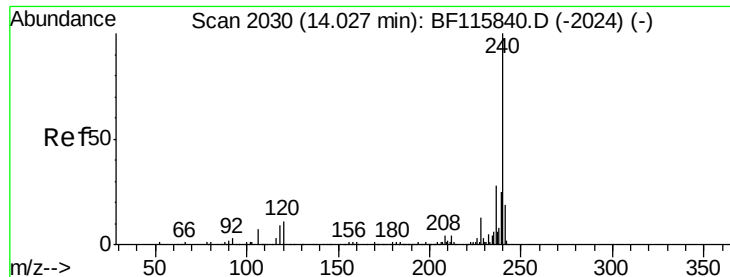
Tot Ion:188 Resp: 356833
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.0 8.7 13.1



#75
Fluoranthene
Concen: 2.238 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

Tgt Ion:202 Resp: 42750
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.2
203 18.8 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116130.D

Acq: 9 Aug 2019 23:23

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-B

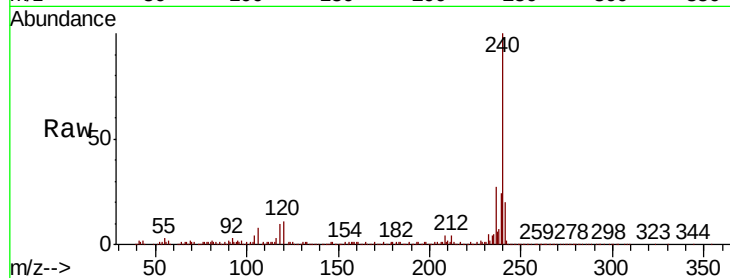
Tot Ion:240 Resp: 299540

Ion Ratio Lower Upper

240 100

120 11.3 10.7 16.1

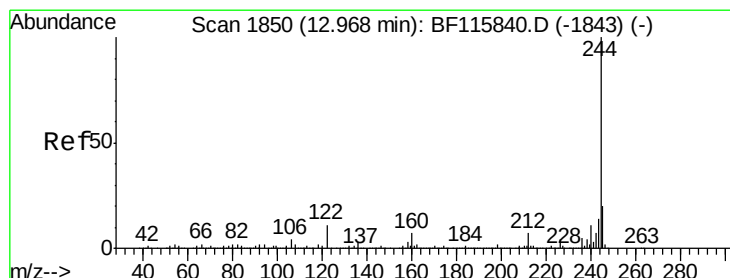
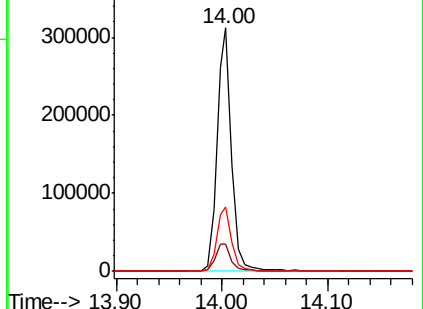
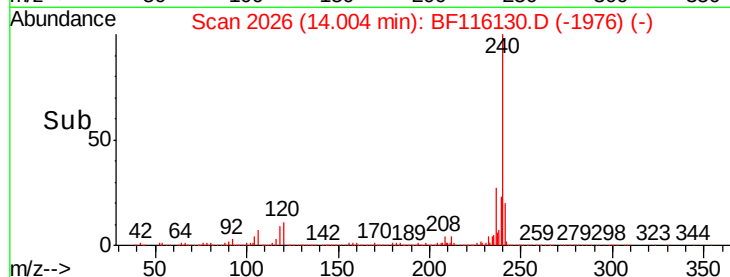
236 26.7 22.2 33.2



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: 6.712 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116130.D

Acq: 9 Aug 2019 23:23

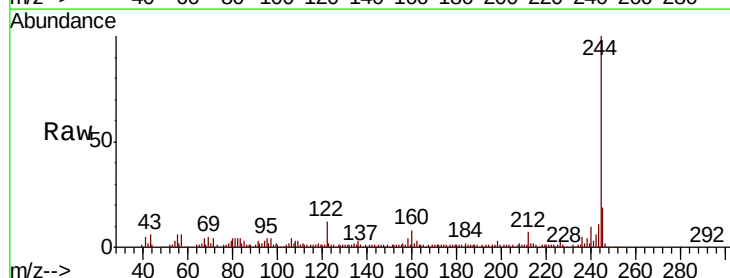
Tgt Ion:244 Resp: 95408

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

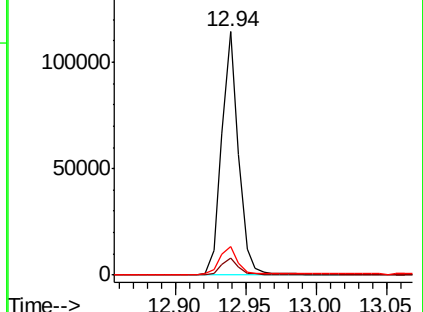
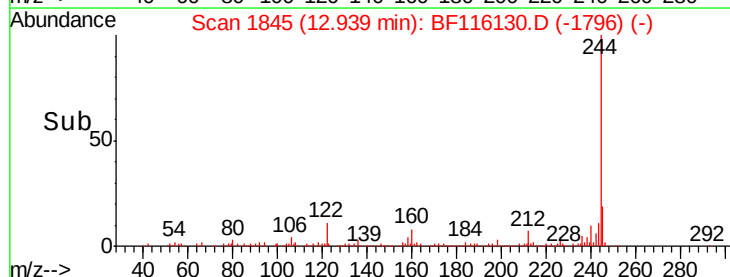
122 11.7 9.0 13.4

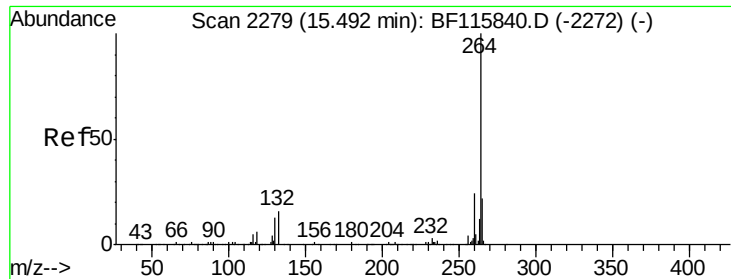


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

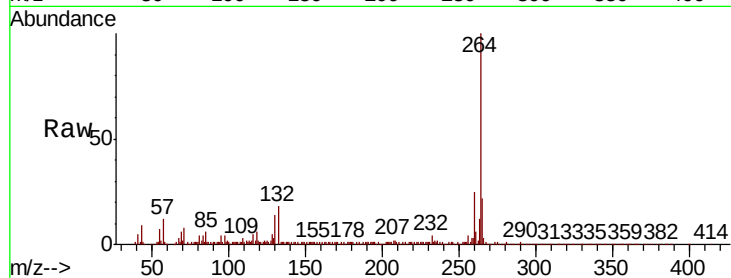




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116130.D
Acq: 9 Aug 2019 23:23

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-B

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.2	19.7	29.5	
265	21.7	17.4	26.0	



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

