

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116125.D
 Acq On : 9 Aug 2019 21:06
 Operator : HP/JU
 Sample : K4092-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 10 06:09:57 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

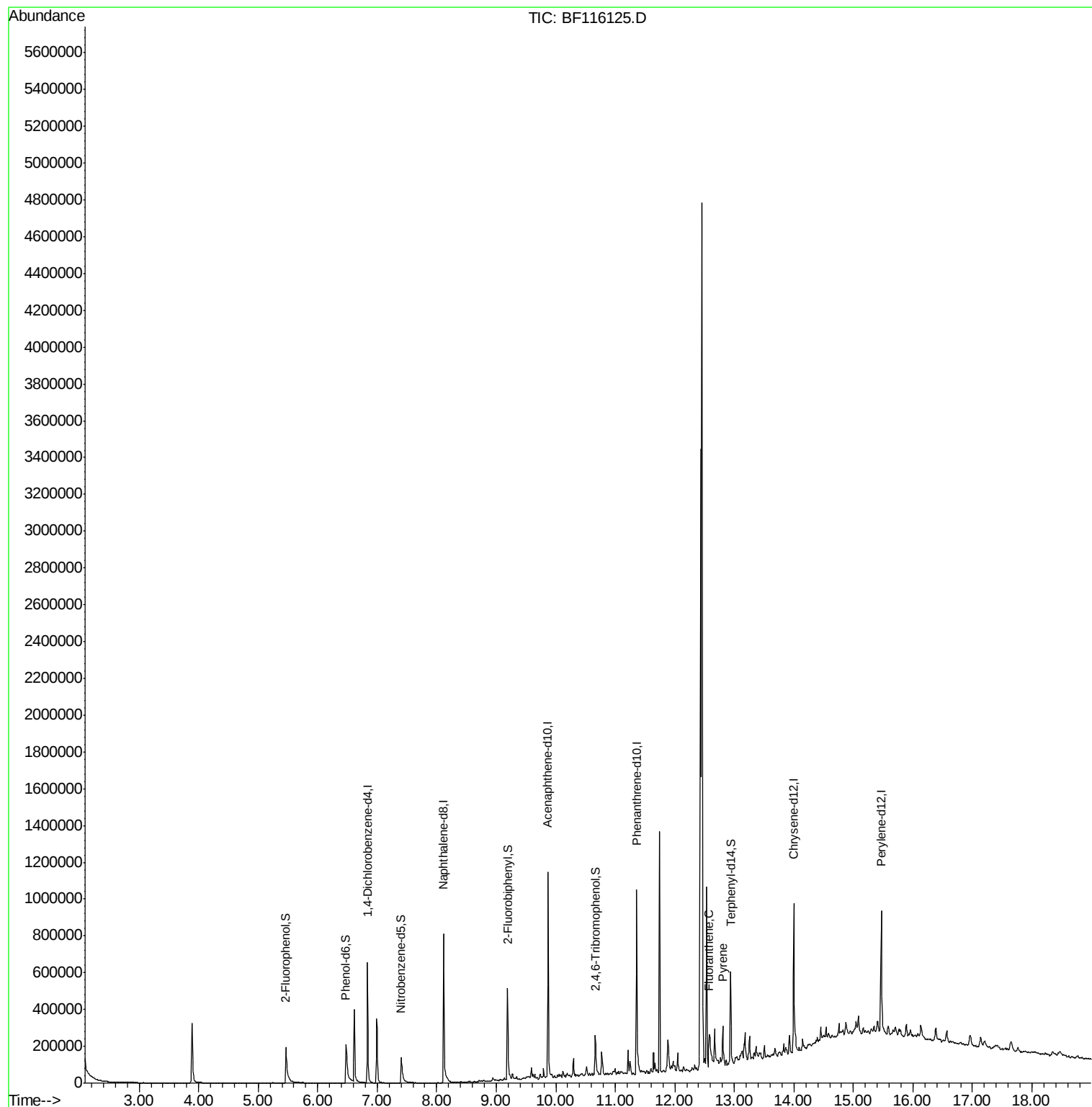
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	113731	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	459712	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	235322	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	377246	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	266632	20.00	ng	-0.01
87) Perylene-d12	15.47	264	319165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	116942	17.21	ng	0.00
7) Phenol-d6	6.48	99	164426	19.18	ng	0.00
23) Nitrobenzene-d5	7.40	82	101769	12.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	35807	15.69	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	205854	16.39	ng	-0.01
79) Terphenyl-d14	12.94	244	182730	14.44	ng	-0.01
Target Compounds						
75) Fluoranthene	12.57	202	44674	2.213	ng	96
78) Pyrene	12.80	202	62643	3.117	ng	99

(#) = 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: BF116125.D

Acq: 9 Aug 2019 21:06

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-A

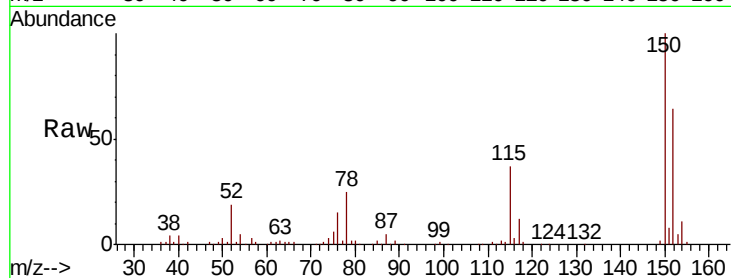
Tot Ion:152 Resp: 113731

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

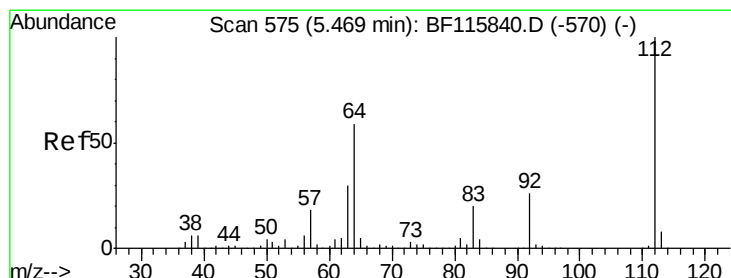
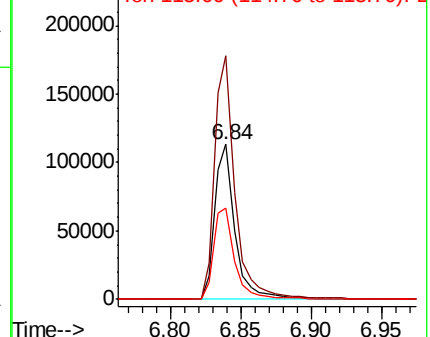
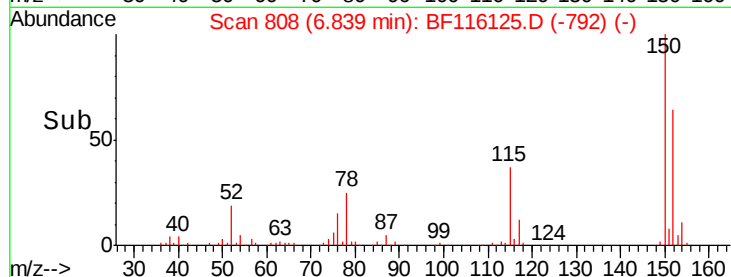
115 58.9 49.9 74.9



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: 17.213 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116125.D

Acq: 9 Aug 2019 21:06

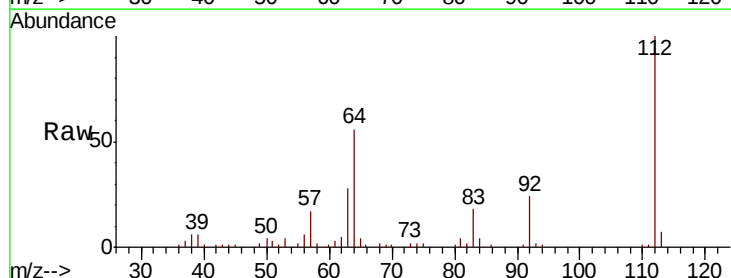
Tgt Ion:112 Resp: 116942

Ion Ratio Lower Upper

112 100

64 56.3 45.4 68.2

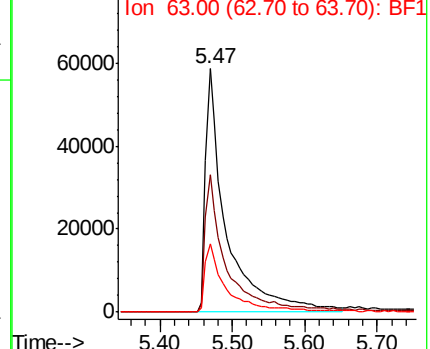
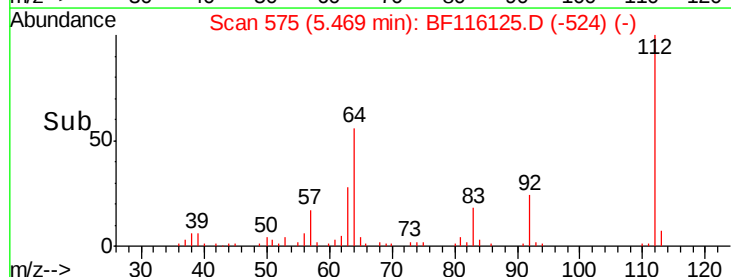
63 27.8 23.7 35.5



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: 19.183 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116125.D

Acq: 9 Aug 2019 21:06

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-A

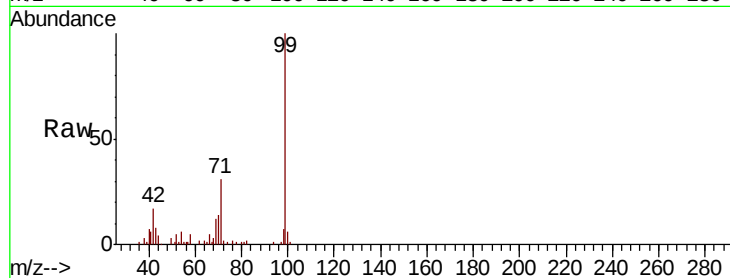
Tot Ion: 99 Resp: 164426

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

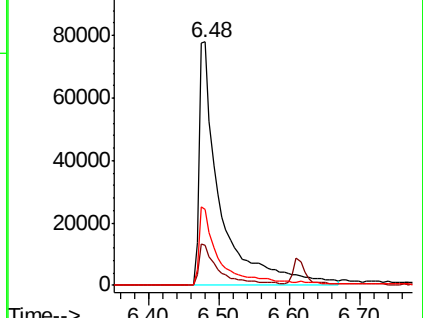
71 31.4 27.3 40.9



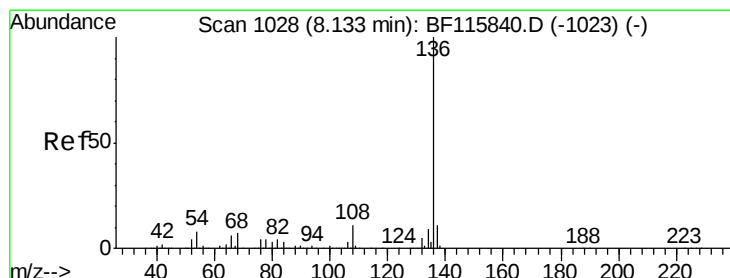
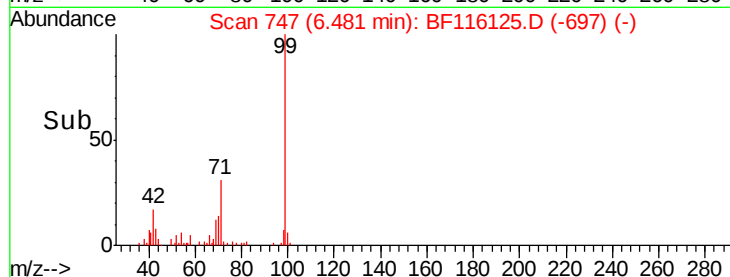
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116125.D

Acq: 9 Aug 2019 21:06

Tgt Ion: 136 Resp: 459712

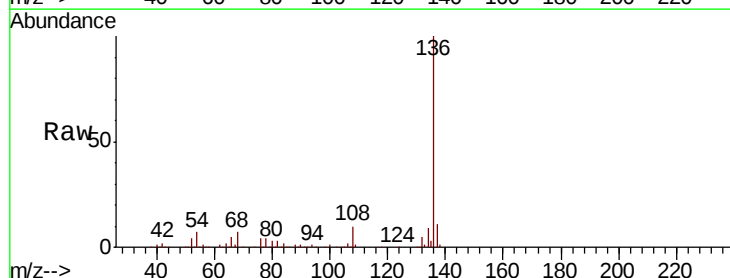
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.4 5.8 8.6

68 6.7 5.2 7.8

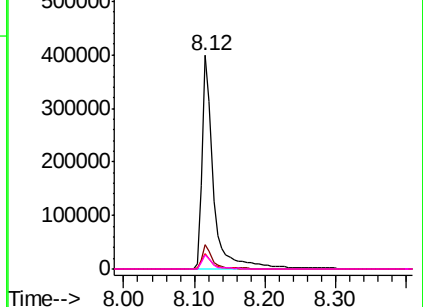


Abundance Ion 136.00 (135.70 to 136.70): E

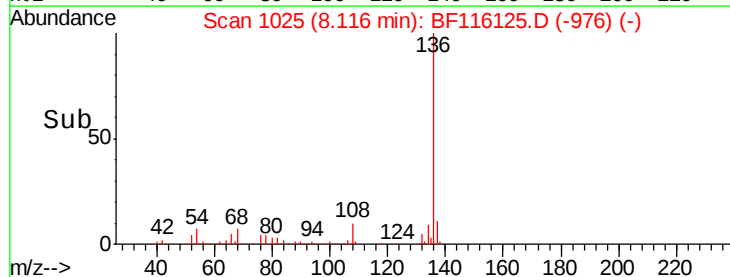
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

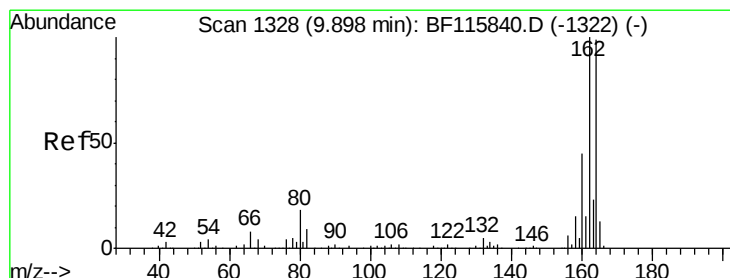
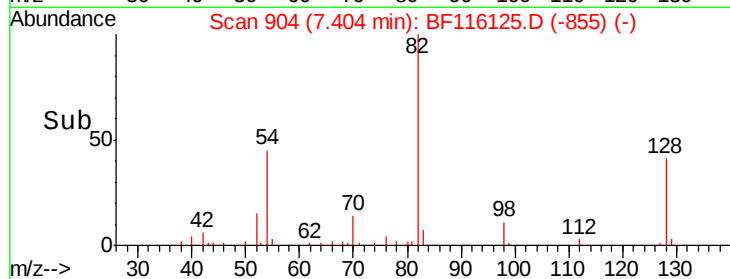
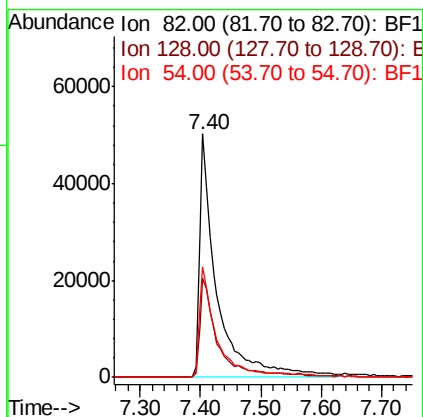
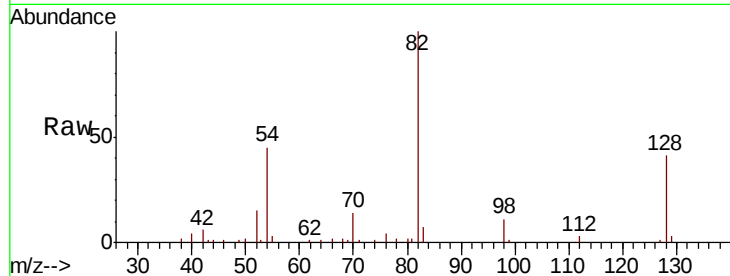




#23
Nitrobenzene-d5
Concen: 12.778 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116125.D
Acq: 9 Aug 2019 21:06

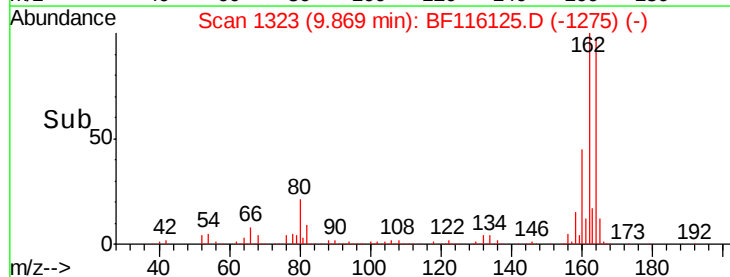
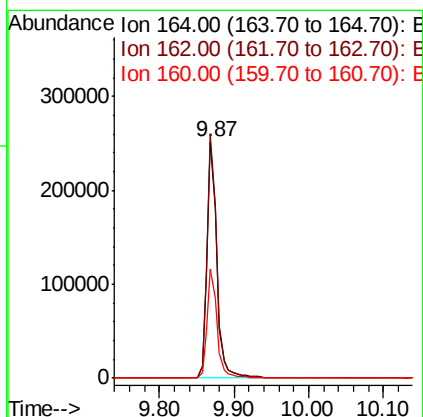
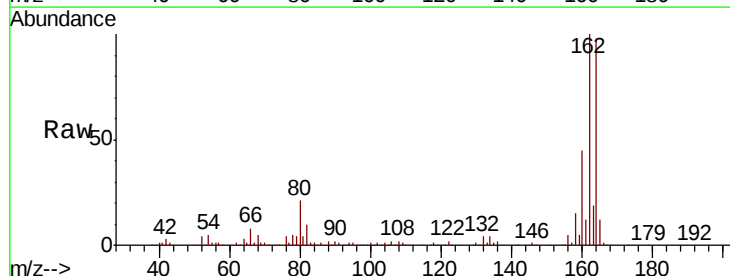
Instrument :
BNA_F
ClientSampleId :
EO-01-080719-A

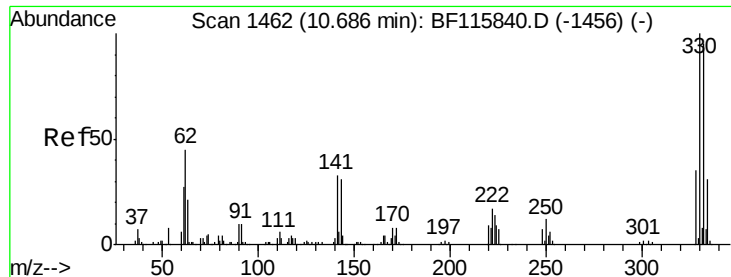
Tot Ion: 82 Resp: 101769
Ion Ratio Lower Upper
82 100
128 40.6 36.5 54.7
54 45.4 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116125.D
Acq: 9 Aug 2019 21:06

Tgt Ion:164 Resp: 235322
Ion Ratio Lower Upper
164 100
162 103.1 82.6 124.0
160 46.4 37.6 56.4

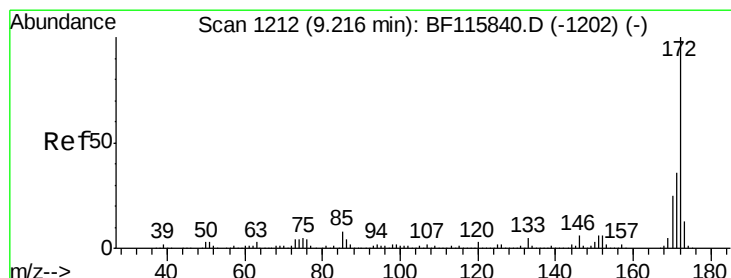
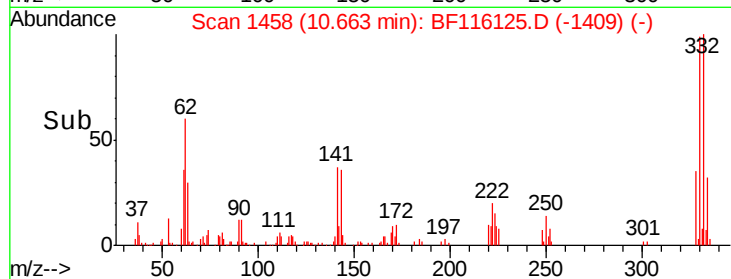
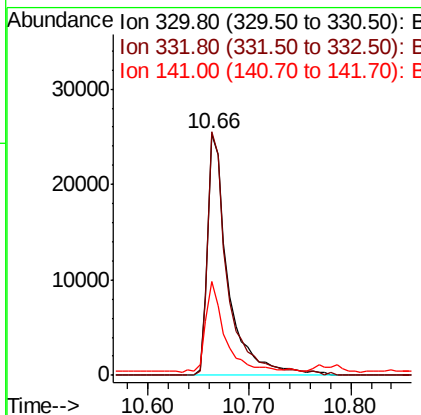
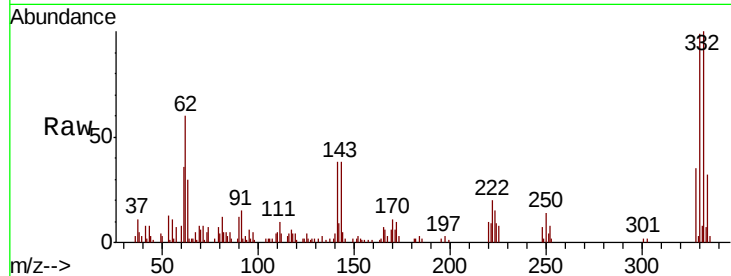




#42
 2,4,6-Tribromophenol
 Concen: 15.694 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116125.D
 Acq: 9 Aug 2019 21:06

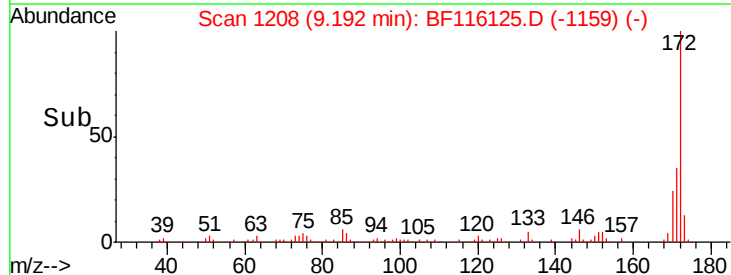
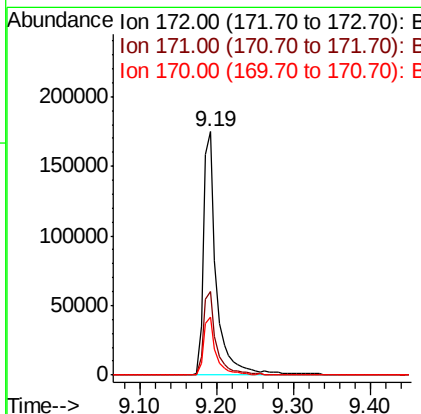
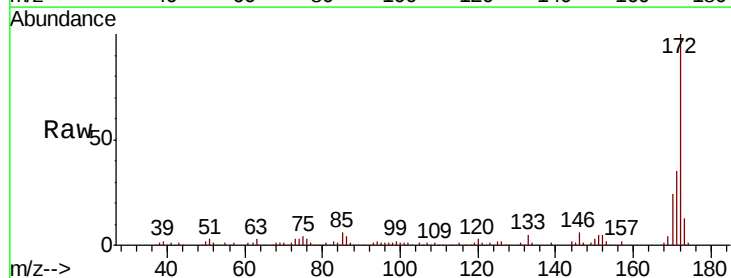
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-A

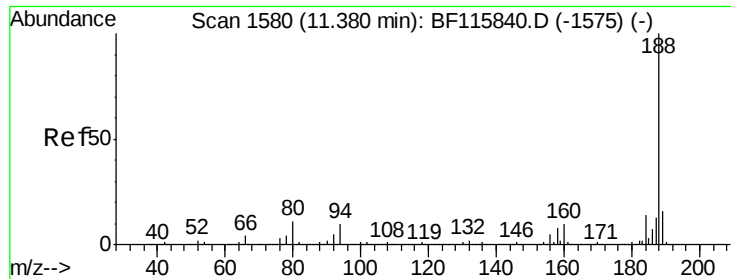
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	34.3	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 16.385 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116125.D
 Acq: 9 Aug 2019 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.6	44.4
170	24.0	20.1	30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116125.D

Acq: 9 Aug 2019 21:06

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-A

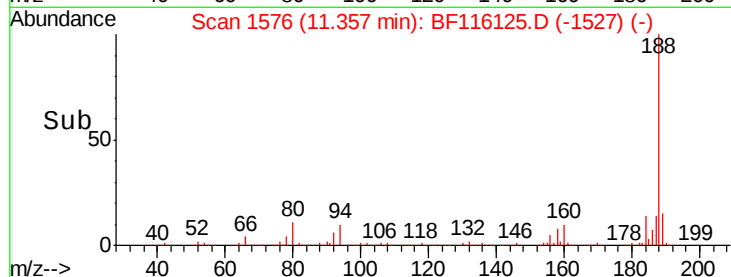
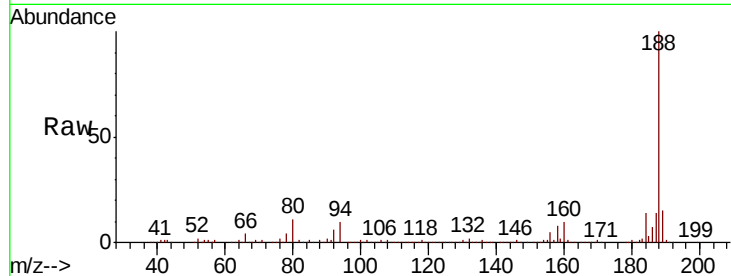
Tot Ion:188 Resp: 377246

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

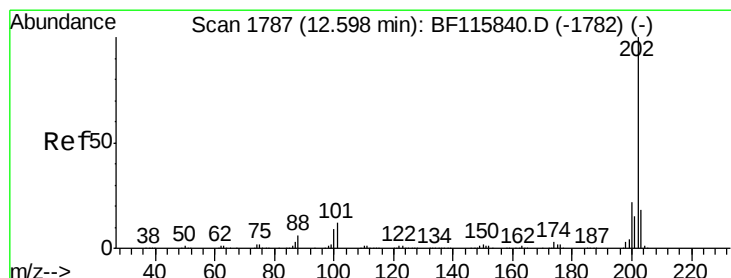
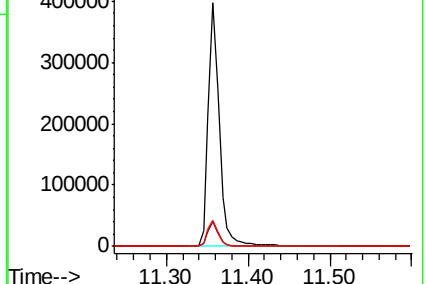
80 10.9 8.7 13.1



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



#75

Fluoranthene

Concen: 2.213 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116125.D

Acq: 9 Aug 2019 21:06

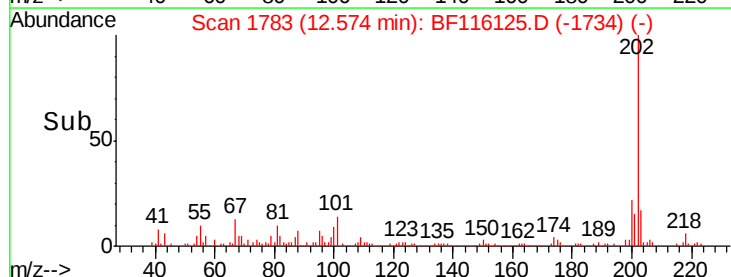
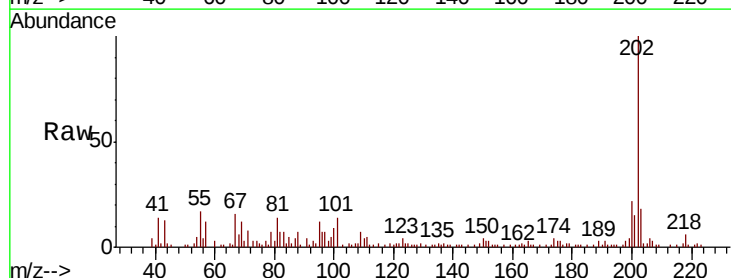
Tgt Ion:202 Resp: 44674

Ion Ratio Lower Upper

202 100

101 14.3 0.0 31.2

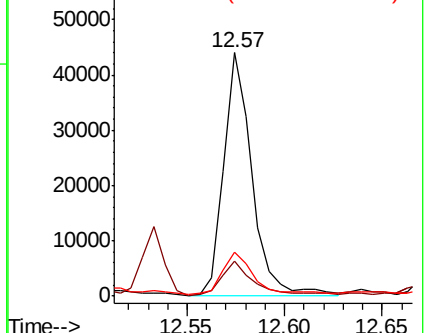
203 18.3 0.0 37.8

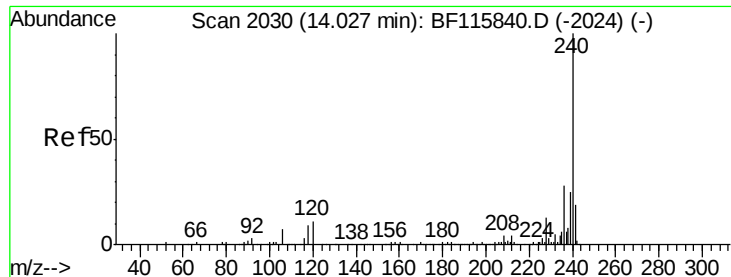


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

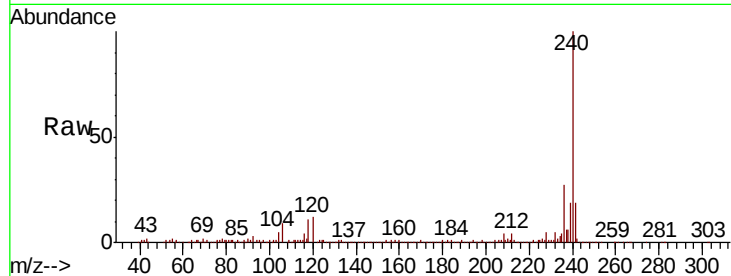




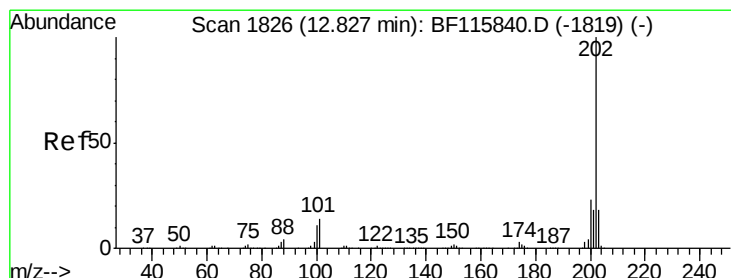
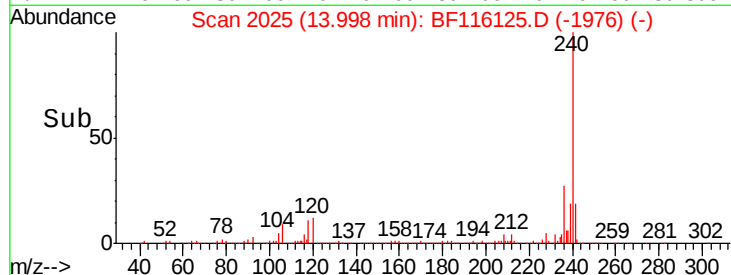
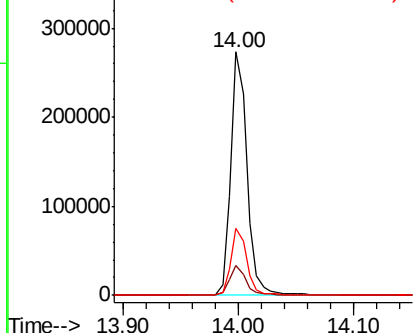
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116125.D
Acq: 9 Aug 2019 21:06

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

Tot Ion:240 Resp: 266632
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 27.3 22.2 33.2

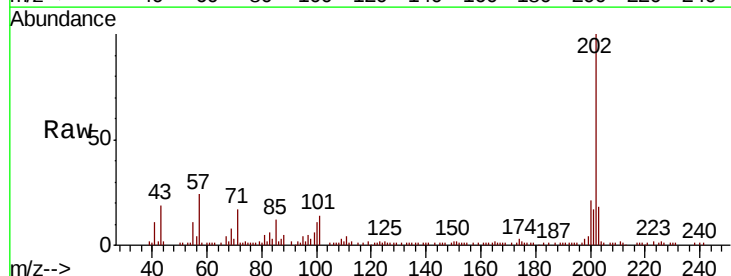


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

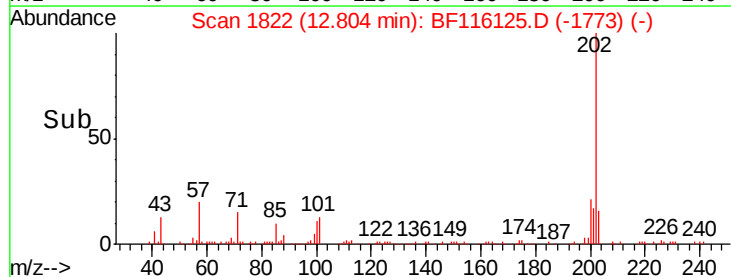
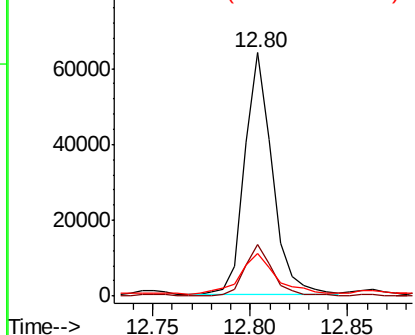


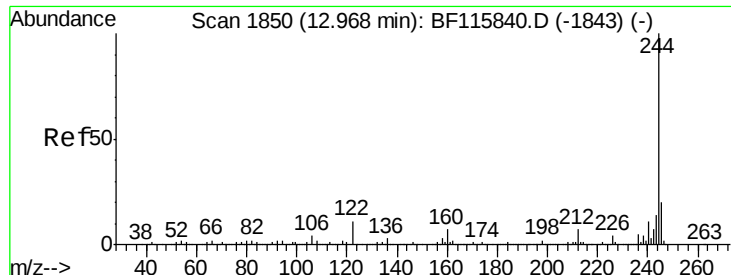
#78
Pyrene
Concen: 3.117 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116125.D
Acq: 9 Aug 2019 21:06

Tgt Ion:202 Resp: 62643
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 14.441 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116125.D

Acq: 9 Aug 2019 21:06

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-A

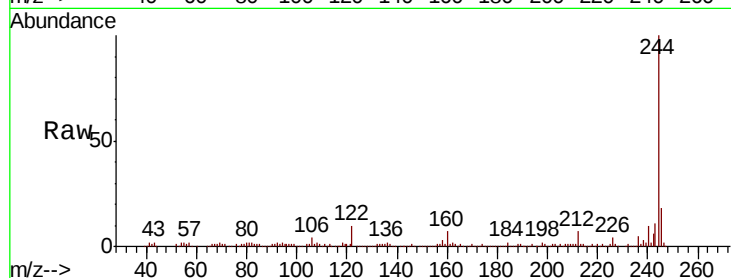
Tot Ion:244 Resp: 182730

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

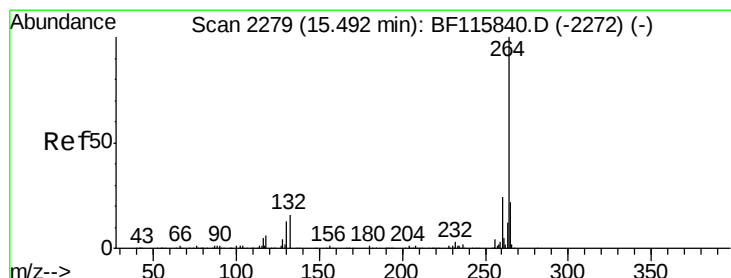
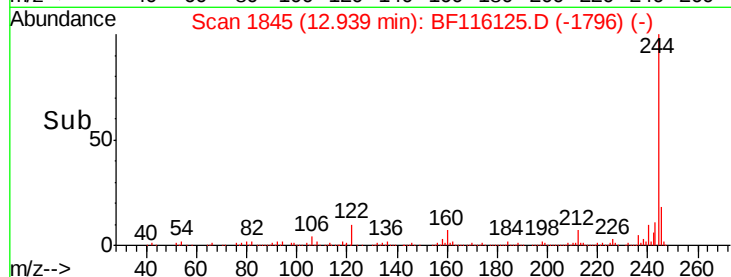
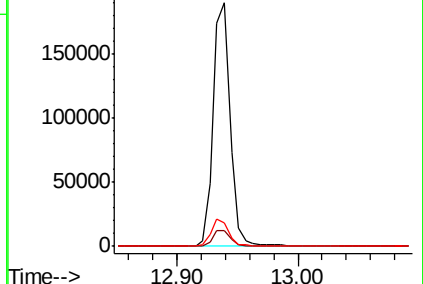
122 9.9 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116125.D

Acq: 9 Aug 2019 21:06

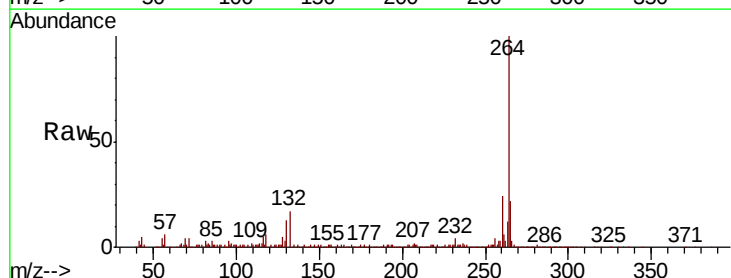
Tgt Ion:264 Resp: 319165

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 21.5 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

