

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116165.D
 Acq On : 11 Aug 2019 00:26
 Operator : HP/JU
 Sample : K4293-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Aug 12 03:43:04 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

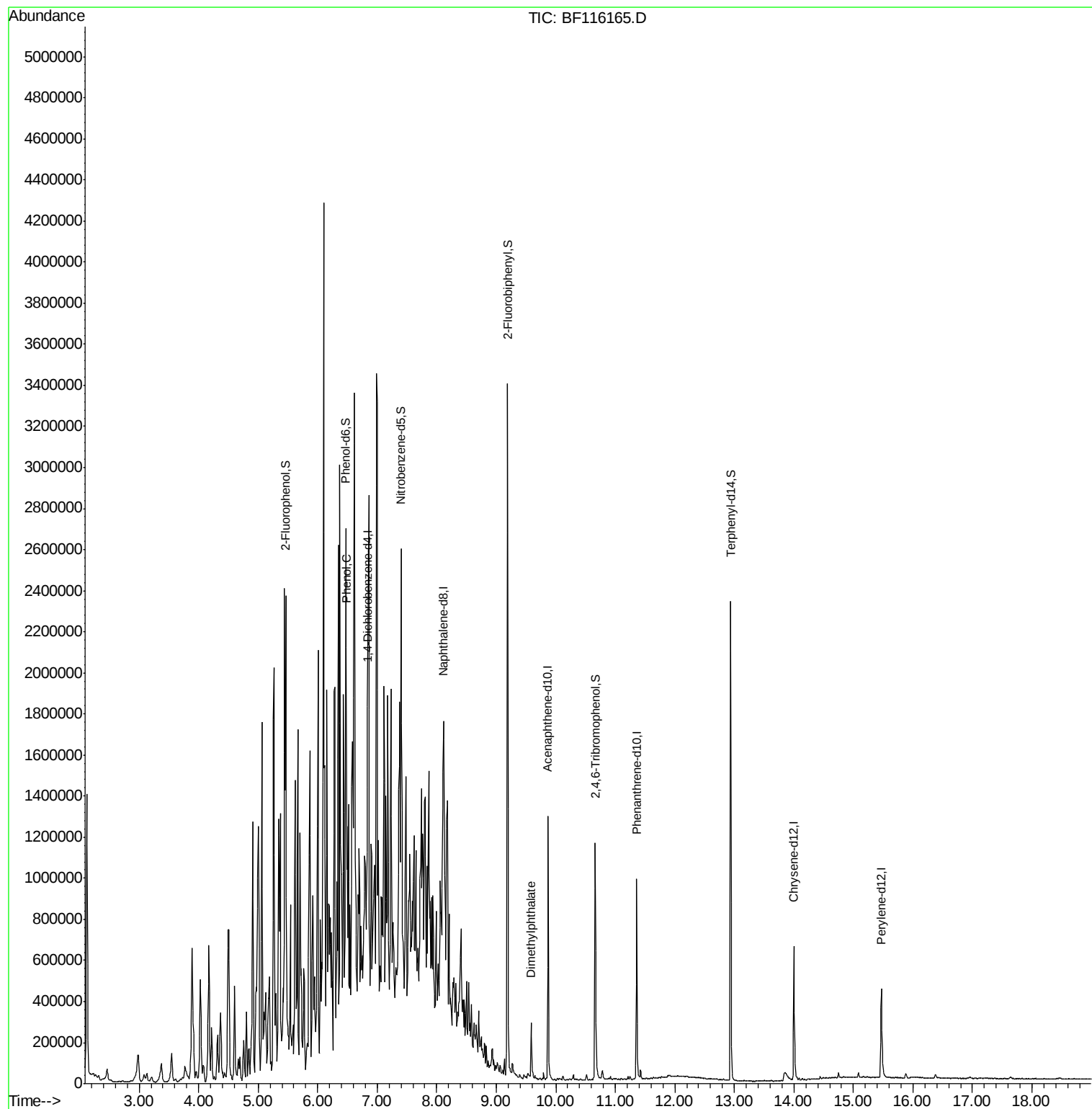
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	137062	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	541556	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	276352	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	395336	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	276865	20.00	ng	-0.01
87) Perylene-d12	15.47	264	259342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	685724	83.75	ng	0.00
7) Phenol-d6	6.47	99	939024	90.90	ng	-0.01
23) Nitrobenzene-d5	7.40	82	585817	62.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	169493	63.26	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1068411	72.42	ng	-0.01
79) Terphenyl-d14	12.94	244	847697	64.52	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	37066	3.047	ng	87
50) Dimethylphthalate	9.59	163	111096	5.904	ng	99

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

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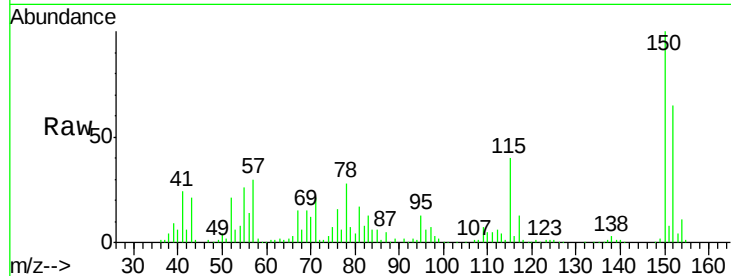


#1

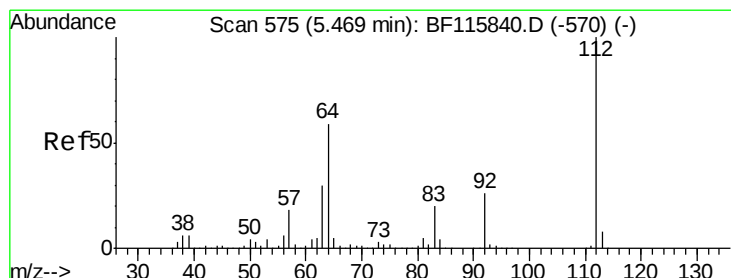
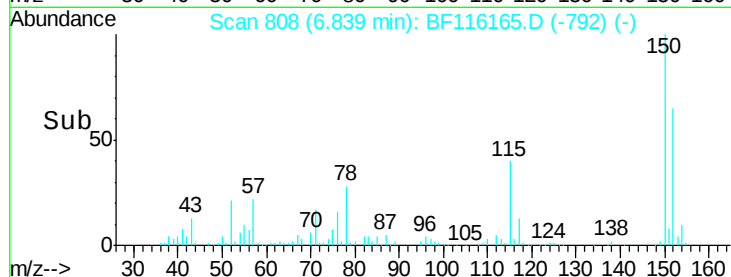
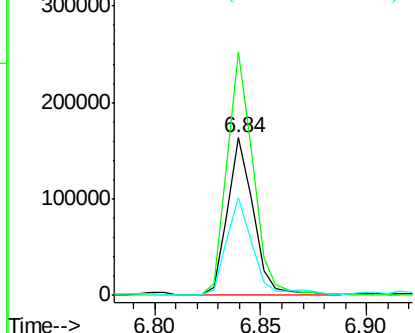
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Instrument :
BNA_F
ClientSampleId :
PE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	62.1	49.9	74.9



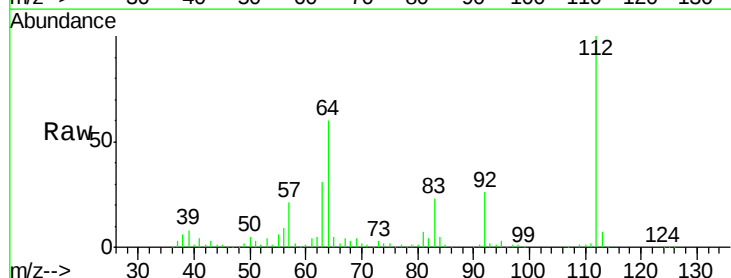
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



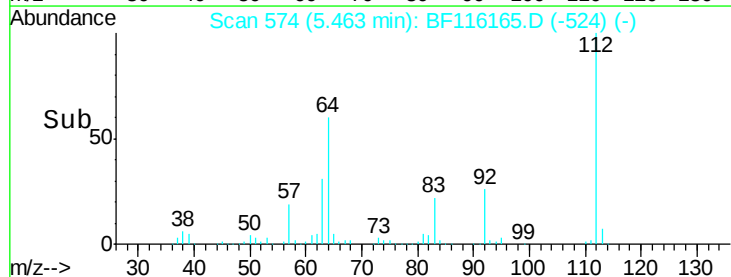
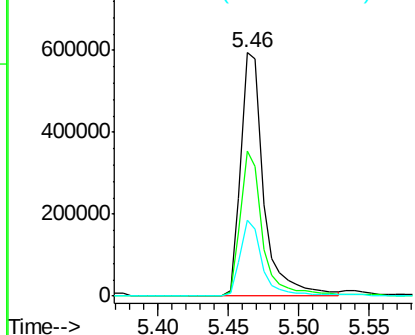
#5

2-Fluorophenol
Concen: 83.754 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.4	68.2
63	31.2	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: 90.904 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

Instrument :

BNA_F

ClientSampleId :

PE-2

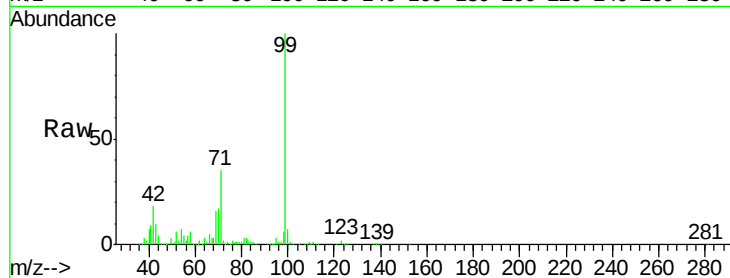
Tot Ion: 99 Resp: 939024

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.8

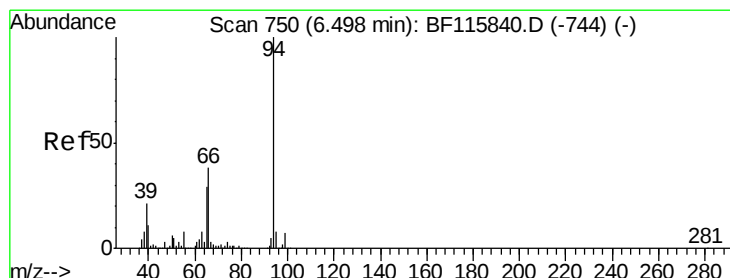
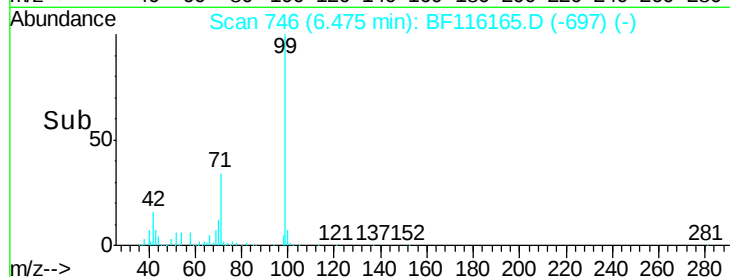
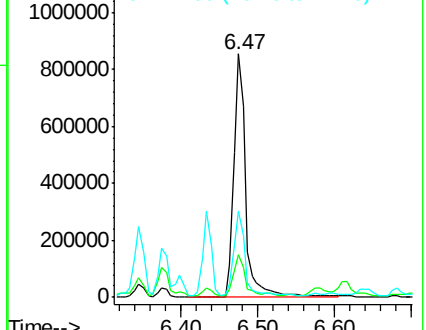
71 35.3 27.3 40.9



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



#10

Phenol

Concen: 3.047 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

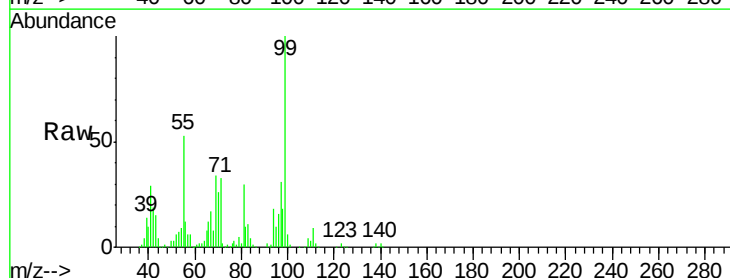
Tgt Ion: 94 Resp: 37066

Ion Ratio Lower Upper

94 100

65 43.3 16.8 56.8

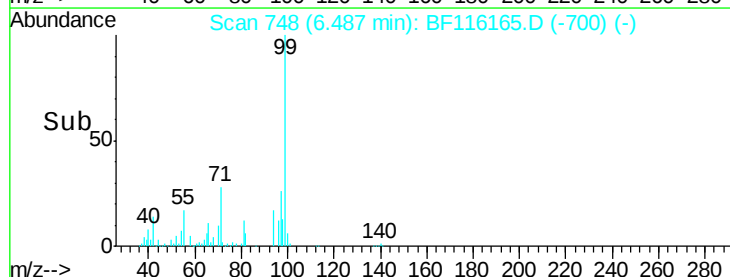
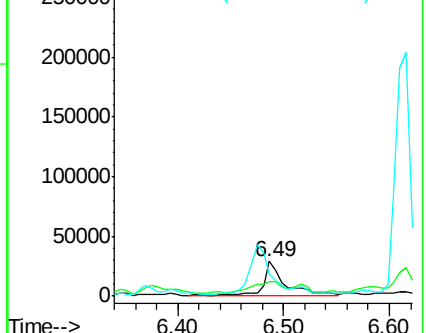
66 64.3 34.2 74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

Instrument :

BNA_F

ClientSampleId :

PE-2

Tot Ion:136 Resp: 541556

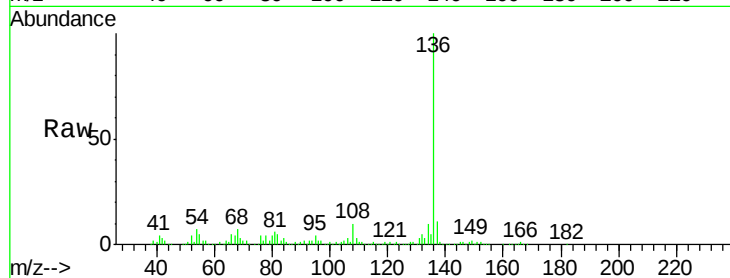
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 7.1 5.2 7.8

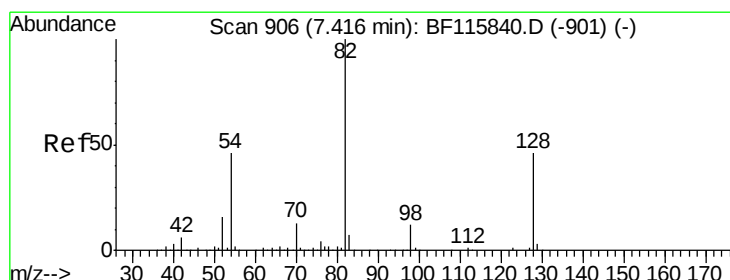
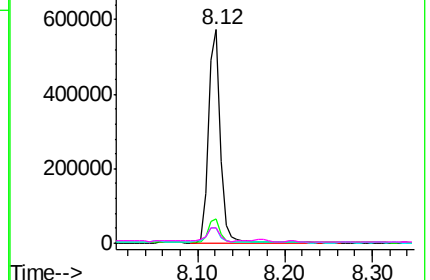
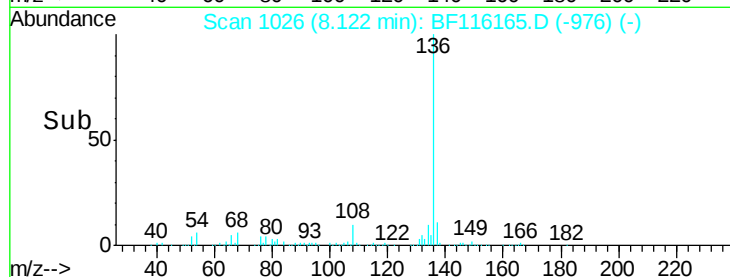


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.441 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

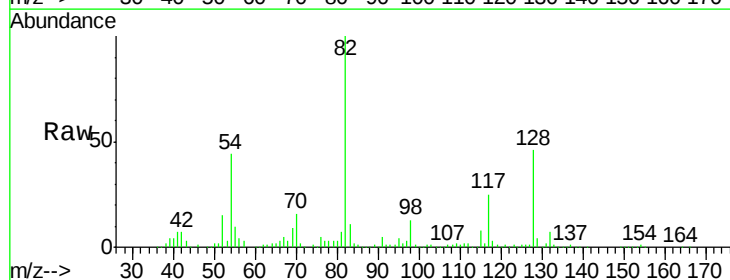
Tgt Ion: 82 Resp: 585817

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

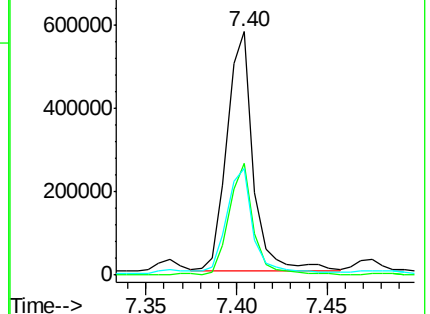
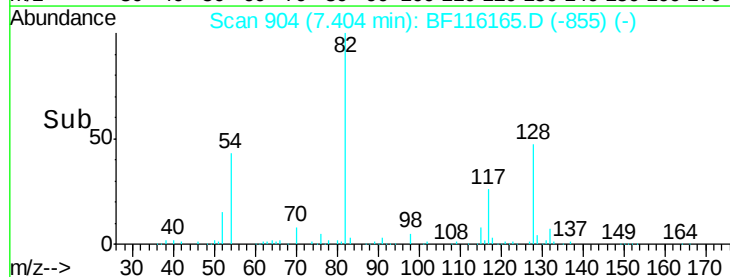
54 43.7 36.0 54.0

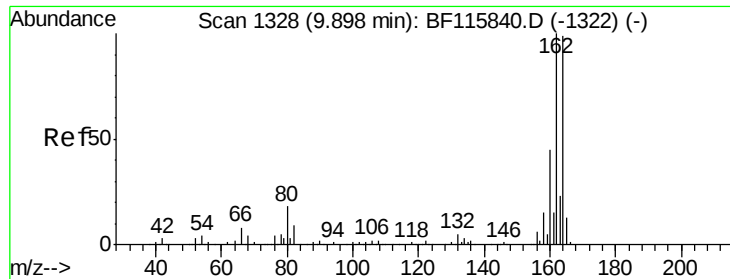


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

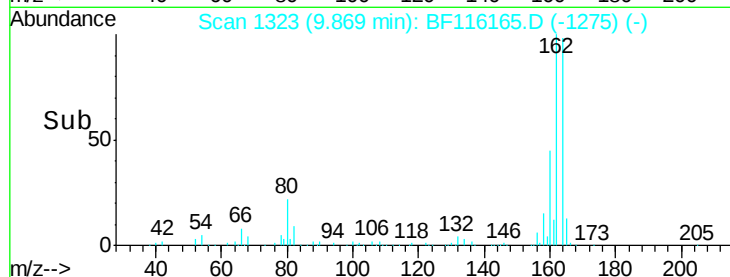
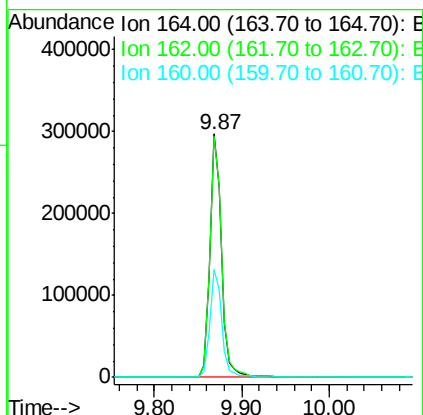
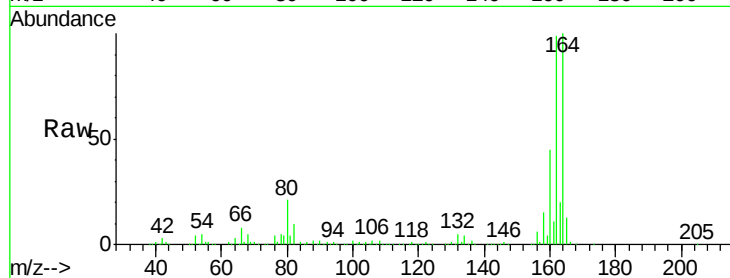




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

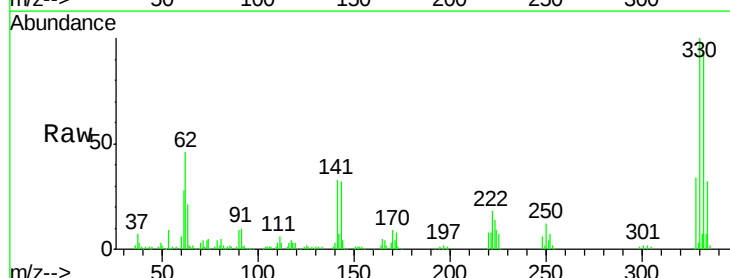
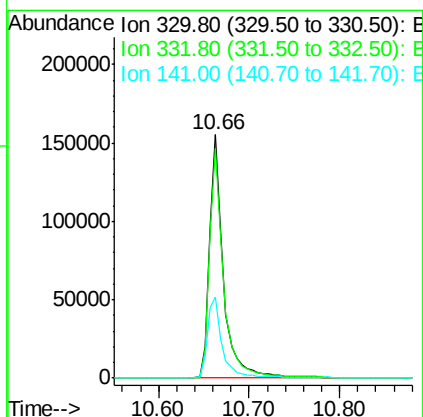
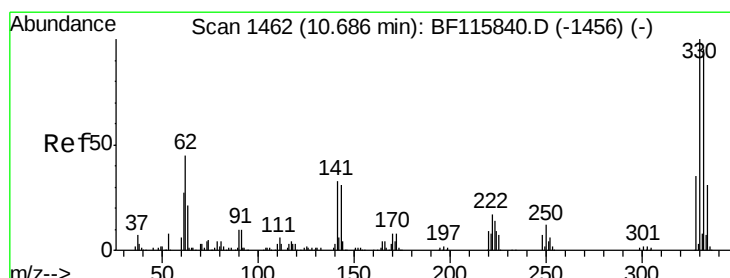
Instrument :
BNA_F
ClientSampleId :
PE-2

Tot Ion:164 Resp: 276352
Ion Ratio Lower Upper
164 100
162 99.1 82.6 124.0
160 44.5 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 63.260 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Tgt Ion:330 Resp: 169493
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 35.9 26.3 39.5



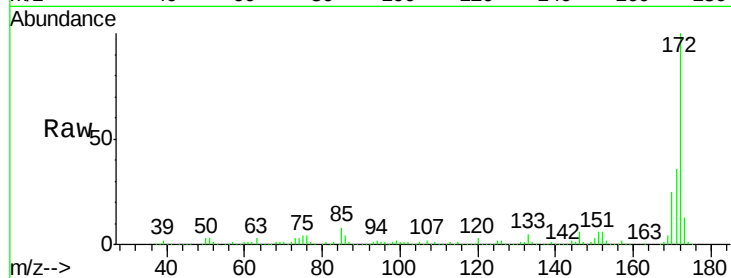


#45
 2-Fluorobiphenyl
 Concen: 72.415 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116165.D
 Acq: 11 Aug 2019 00:26

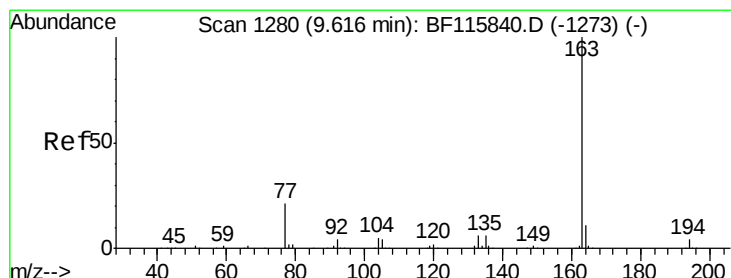
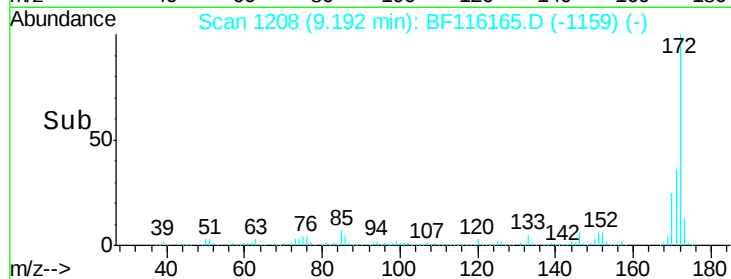
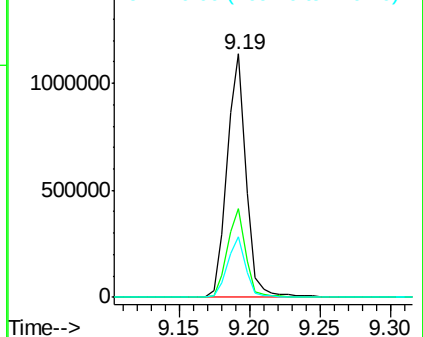
Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion:172 Resp: 1068411

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	25.0	20.1	30.1



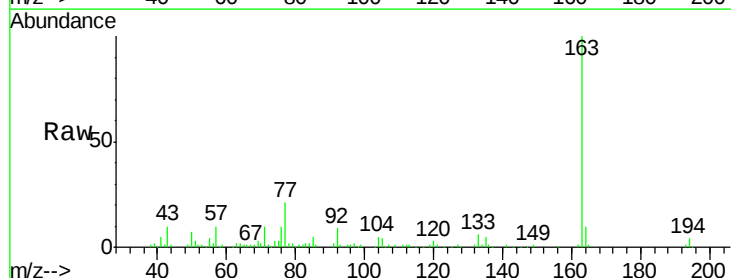
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



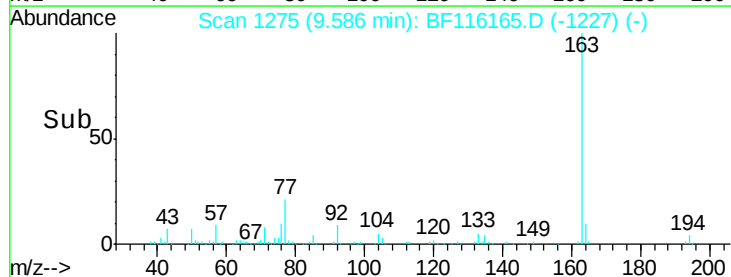
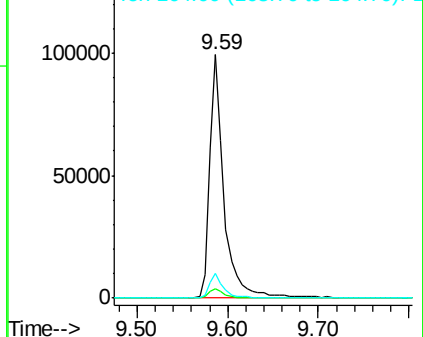
#50
 Dimethylphthalate
 Concen: 5.904 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116165.D
 Acq: 11 Aug 2019 00:26

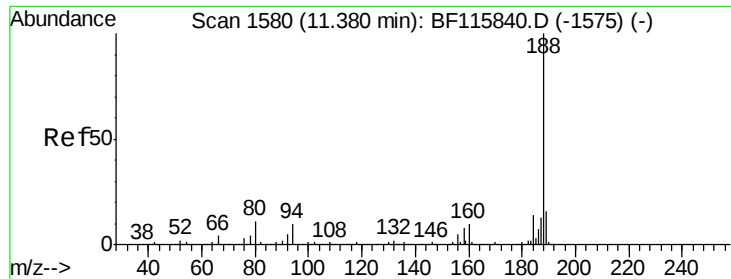
Tgt Ion:163 Resp: 111096

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.0	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

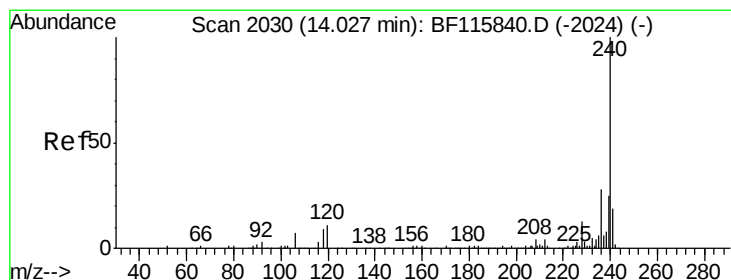
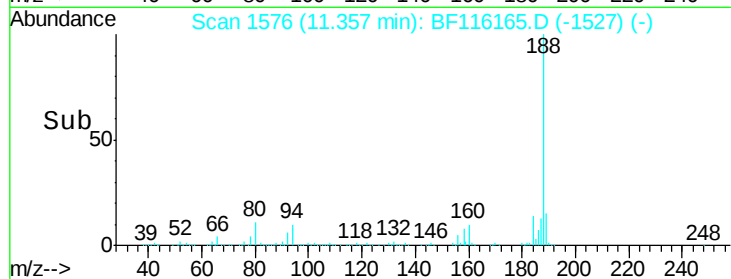
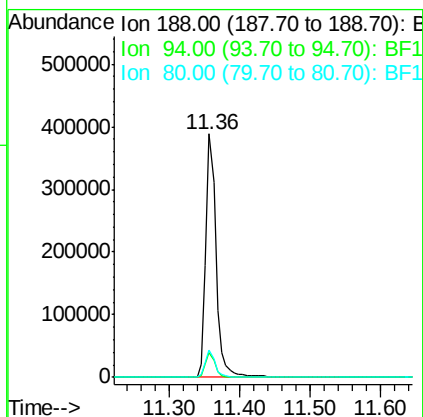
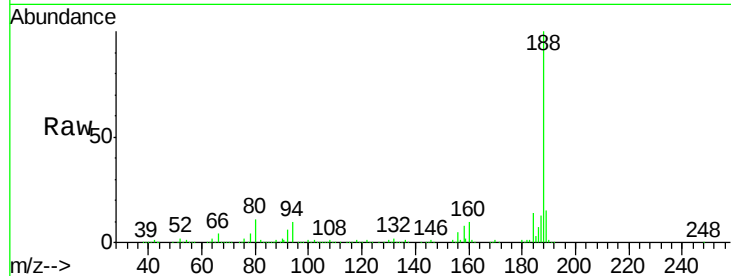




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

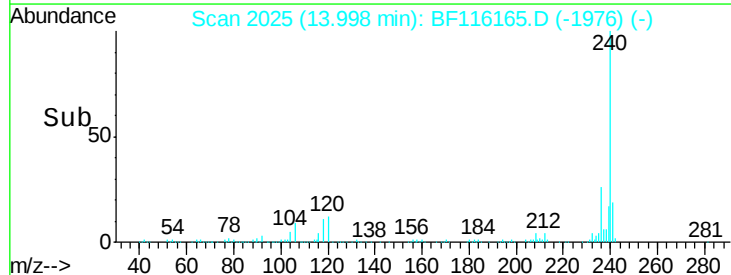
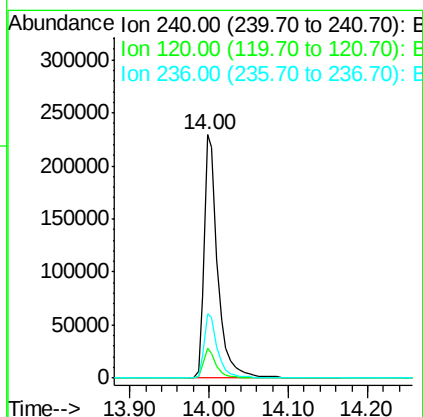
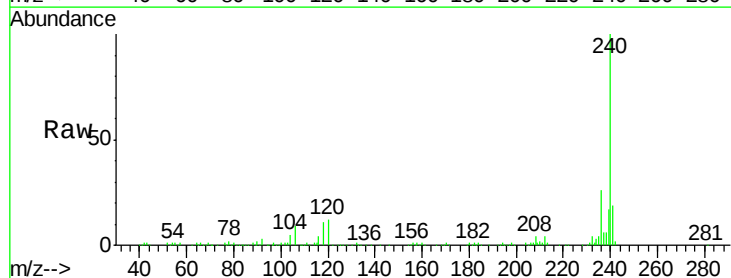
Instrument :
BNA_F
ClientSampled :
PE-2

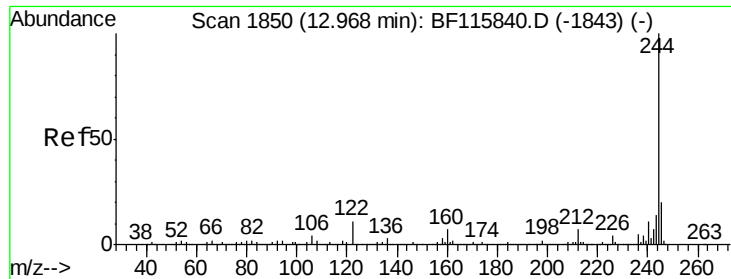
Tot Ion:188 Resp: 395336
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.1 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Tgt Ion:240 Resp: 276865
Ion Ratio Lower Upper
240 100
120 12.3 10.7 16.1
236 26.5 22.2 33.2





#79

Terphenyl-d14

Concen: 64.517 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

Instrument :

BNA_F

ClientSampleId :

PE-2

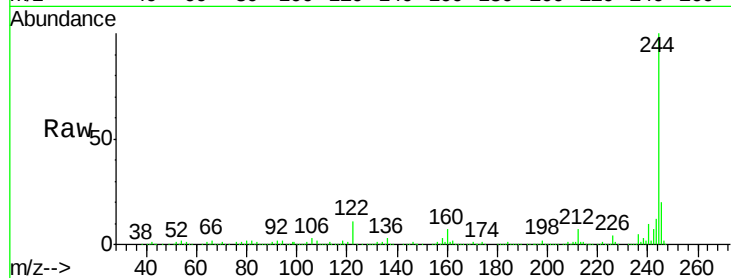
Tot Ion:244 Resp: 847697

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

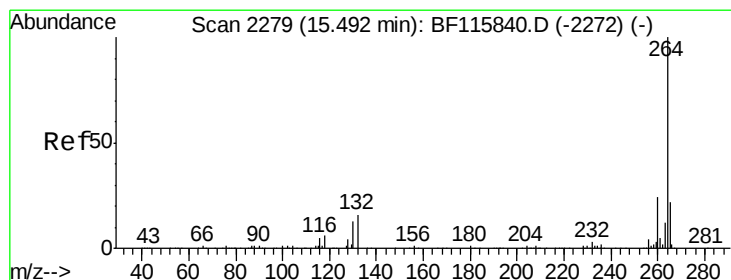
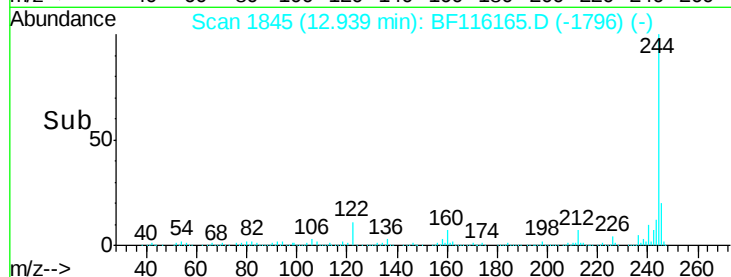
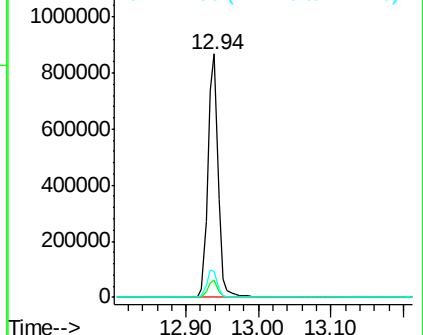
122 10.8 9.0 13.4



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: BF116165.D

Acq: 11 Aug 2019 00:26

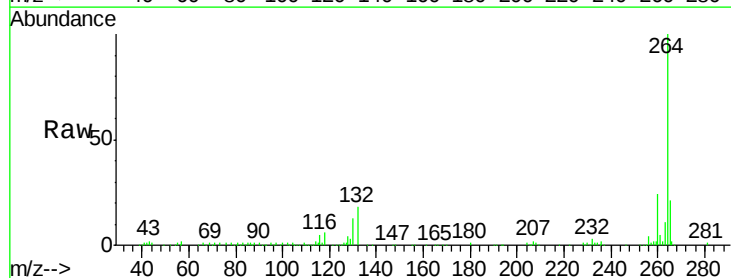
Tgt Ion:264 Resp: 259342

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.4 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

