

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116169.D
 Acq On : 11 Aug 2019 2:17
 Operator : HP/JU
 Sample : K4293-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Quant Time: Aug 12 04:12:14 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

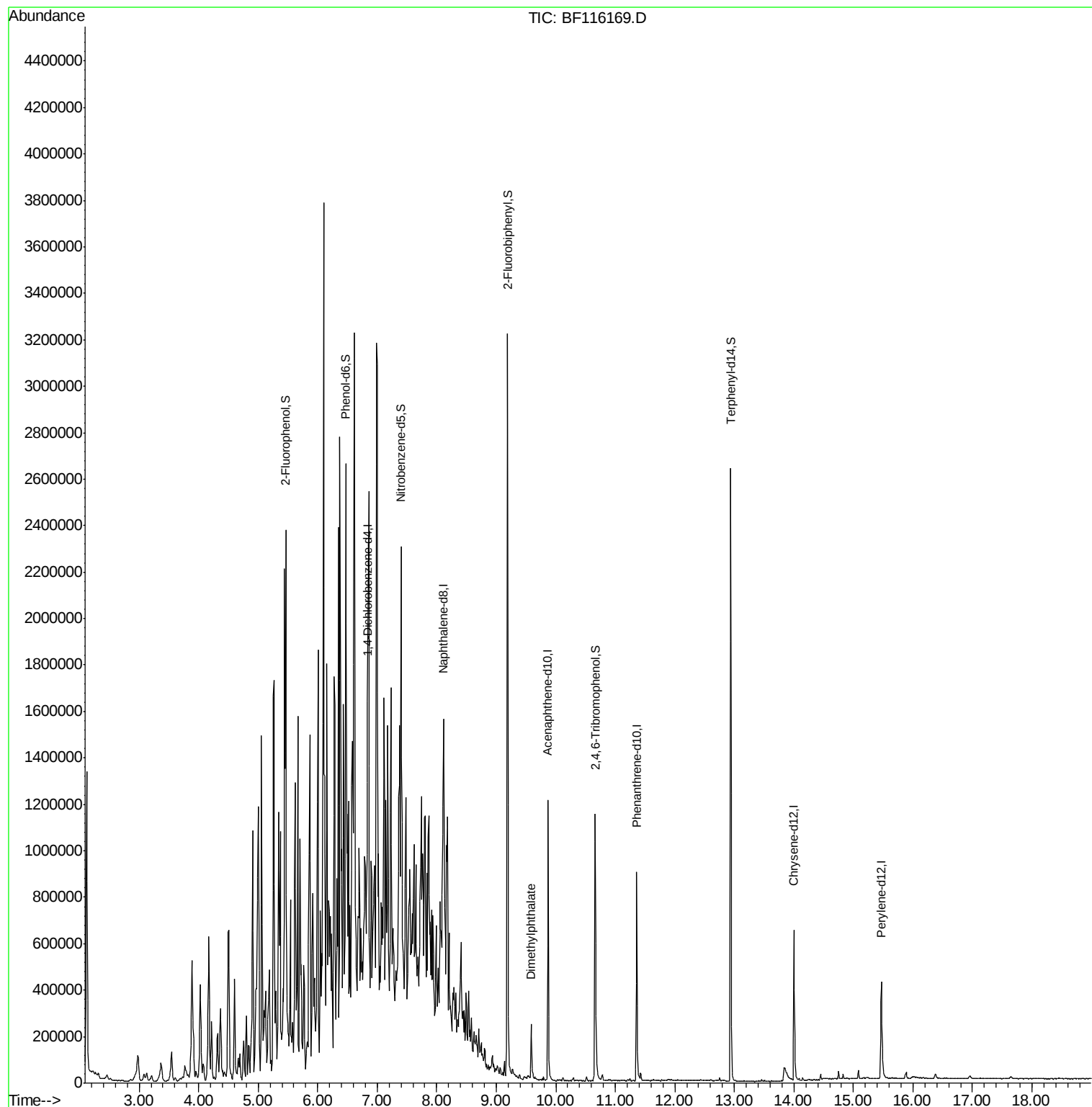
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126115	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	500034	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	257513	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	389507	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	267129	20.00	ng	0.00
87) Perylene-d12	15.47	264	258546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	686418	91.12	ng	0.00
7) Phenol-d6	6.47	99	933142	98.18	ng	-0.01
23) Nitrobenzene-d5	7.40	82	580120	66.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	181910	72.86	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1067349	77.64	ng	-0.01
79) Terphenyl-d14	12.94	244	892834	70.43	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	106884	6.096	ng	Qvalue 98

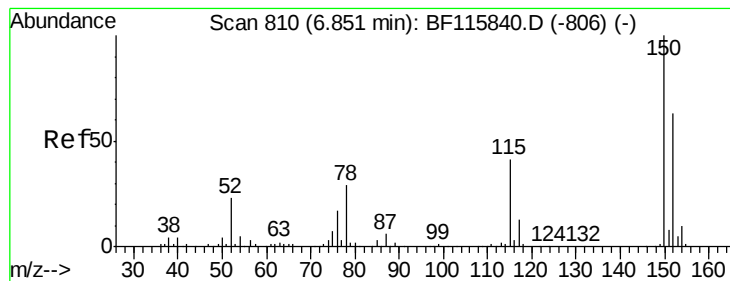
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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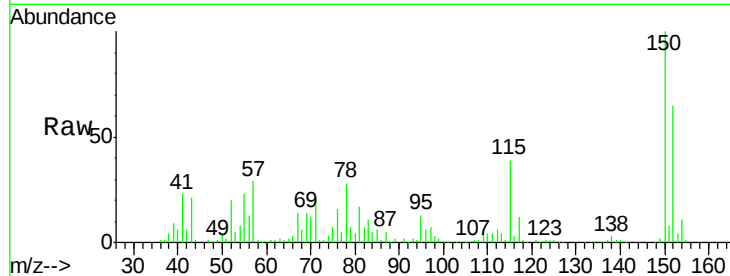


#1

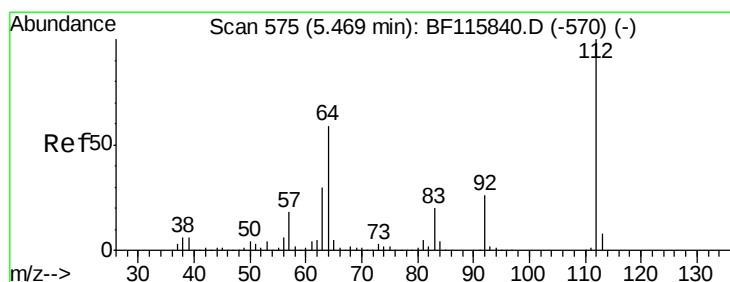
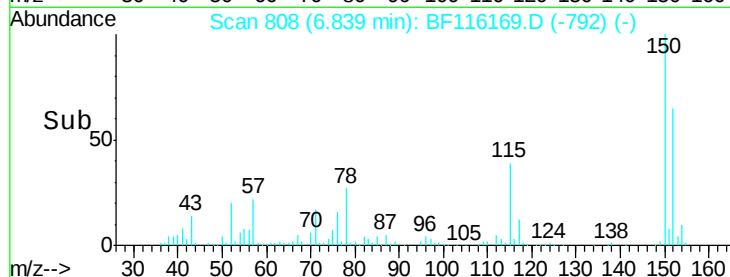
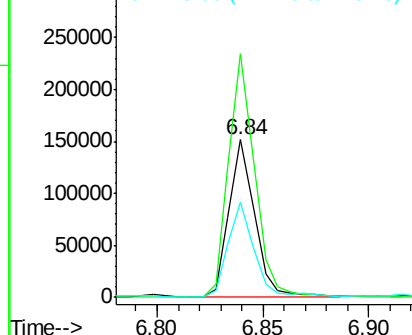
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	60.1	49.9	74.9



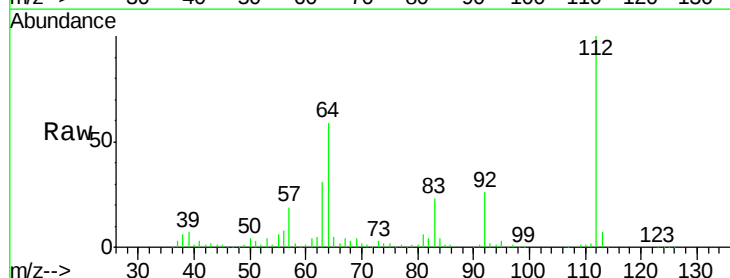
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



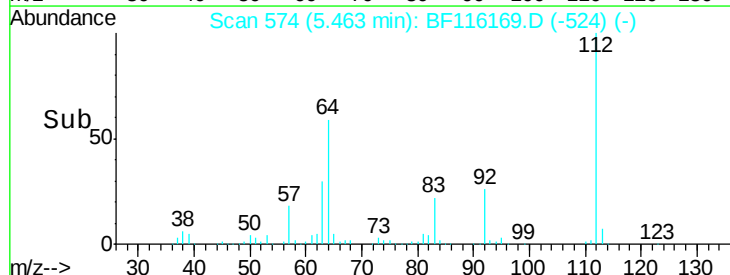
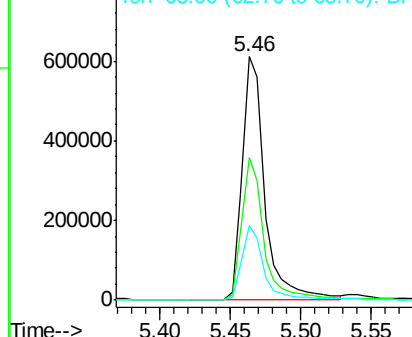
#5

2-Fluorophenol
 Concen: 91.116 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.4	68.2
63	30.5	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: 98.176 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

Instrument :

BNA_F

ClientSampled :

PE-5

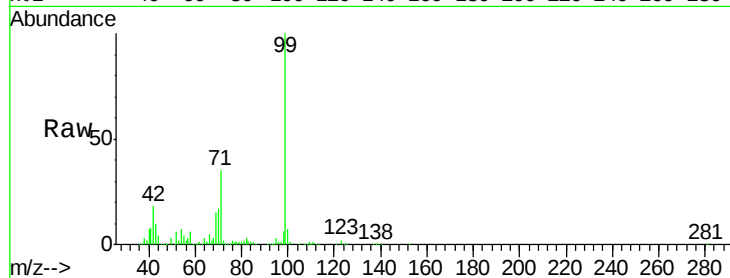
Tot Ion: 99 Resp: 933142

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.8

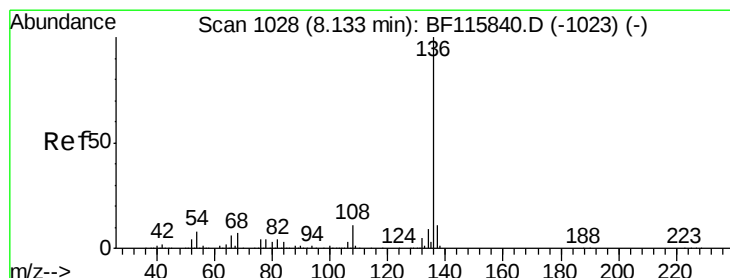
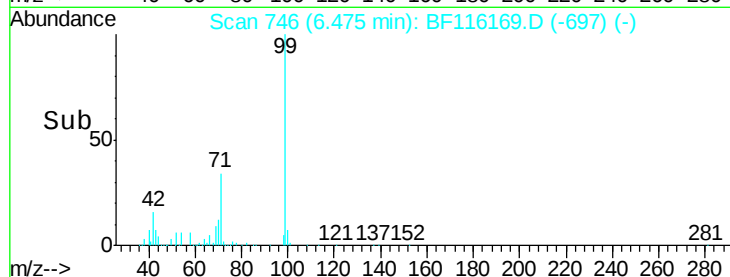
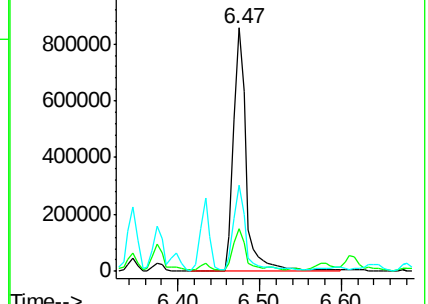
71 35.1 27.3 40.9



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: BF116169.D

Acq: 11 Aug 2019 2:17

Tgt Ion: 136 Resp: 500034

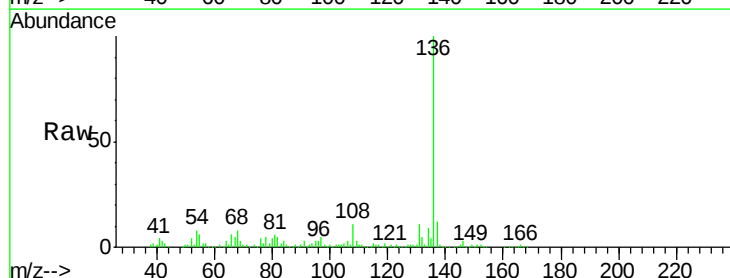
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 8.2 5.8 8.6

68 7.8 5.2 7.8

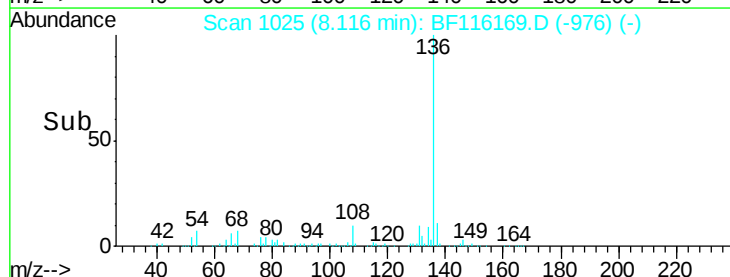
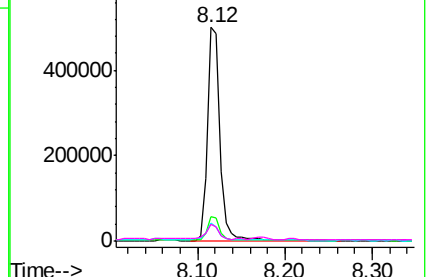


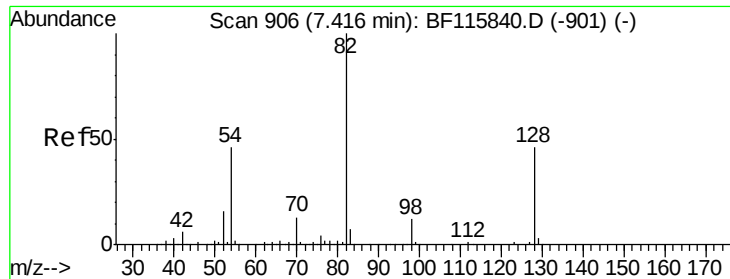
Abundance Ion 136.00 (135.70 to 136.70): E

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

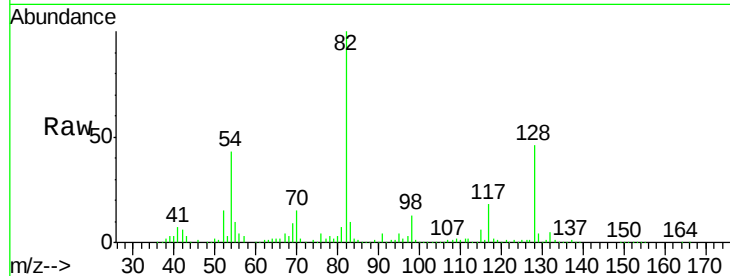




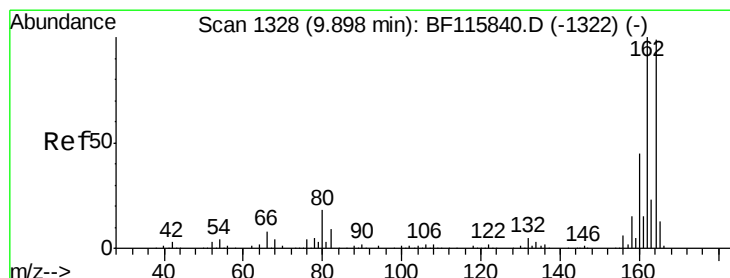
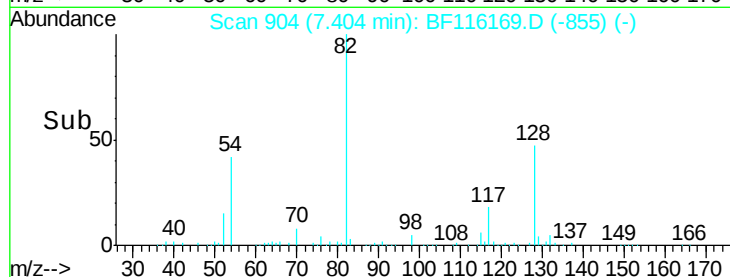
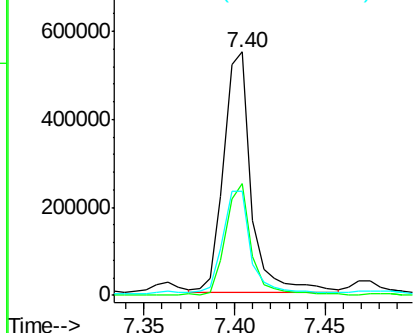
#23
Nitrobenzene-d5
Concen: 66.968 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116169.D
Acq: 11 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
PE-5

Tot Ion: 82 Resp: 580120
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 43.0 36.0 54.0

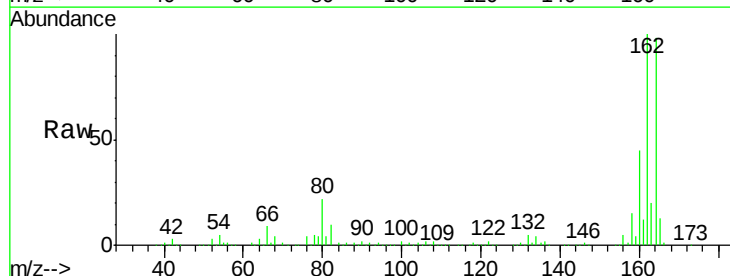


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

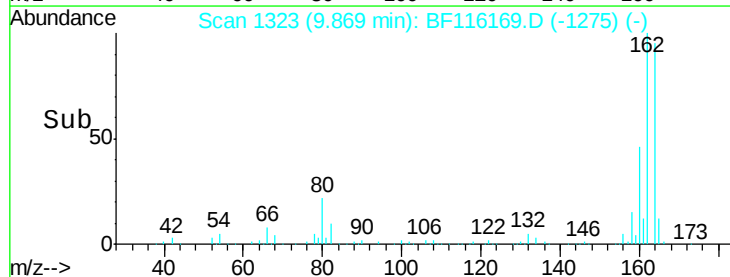
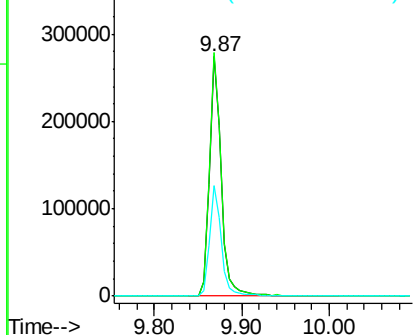


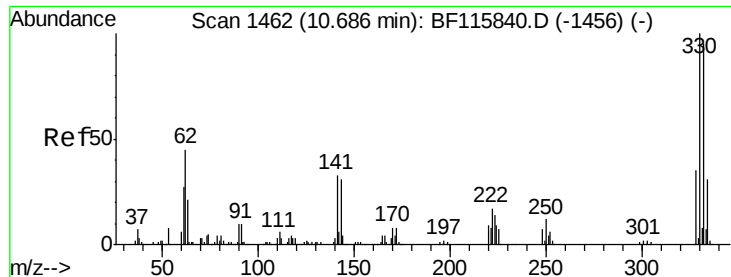
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116169.D
Acq: 11 Aug 2019 2:17

Tgt Ion: 164 Resp: 257513
Ion Ratio Lower Upper
164 100
162 101.8 82.6 124.0
160 46.2 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 72.861 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

Instrument :

BNA_F

ClientSampleId :

PE-5

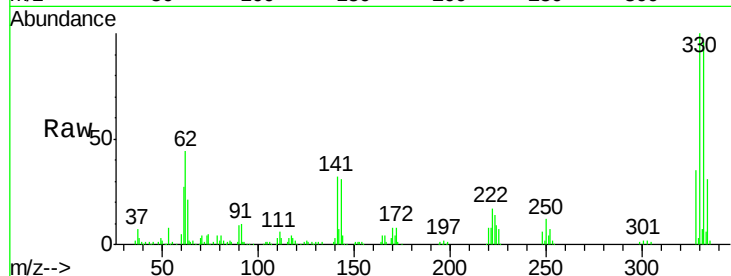
Tot Ion:330 Resp: 181910

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

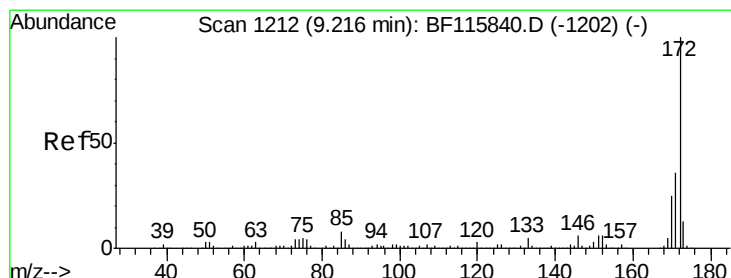
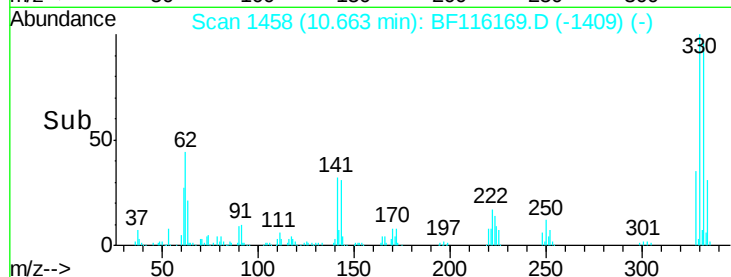
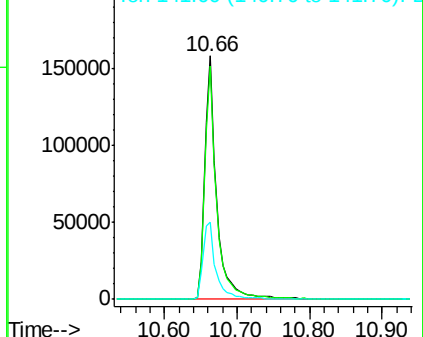
141 34.5 26.3 39.5



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: 77.636 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

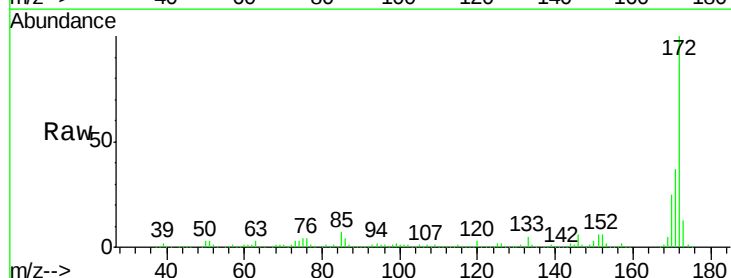
Tgt Ion:172 Resp: 1067349

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

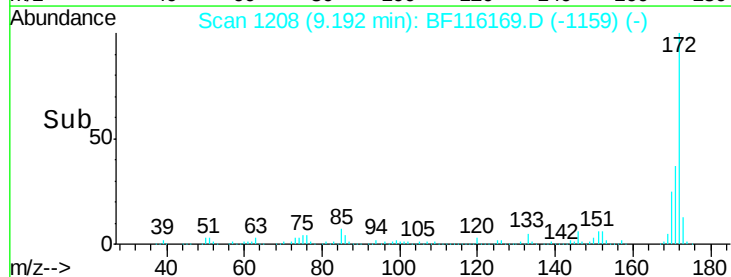
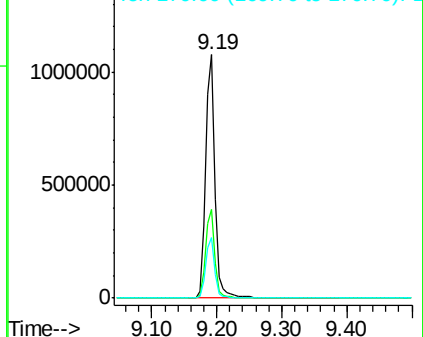
170 24.9 20.1 30.1

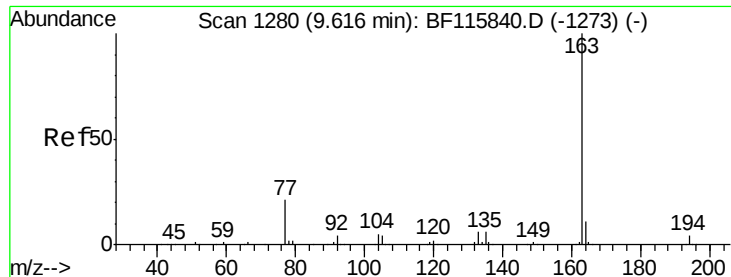


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

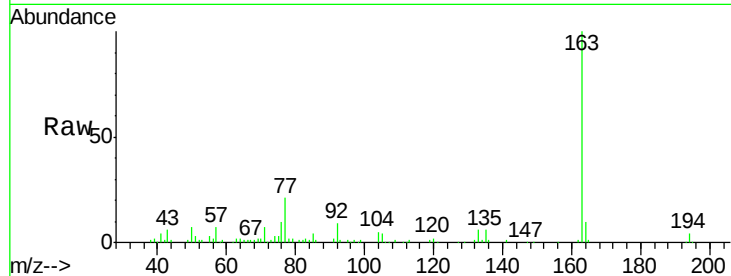




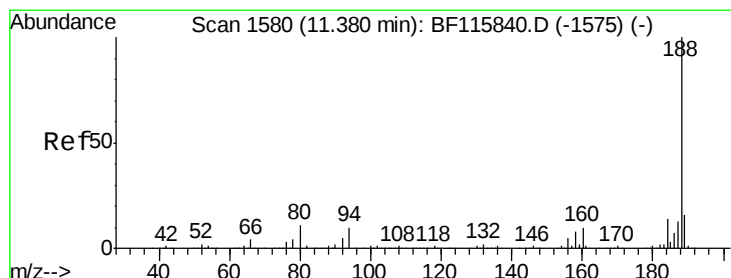
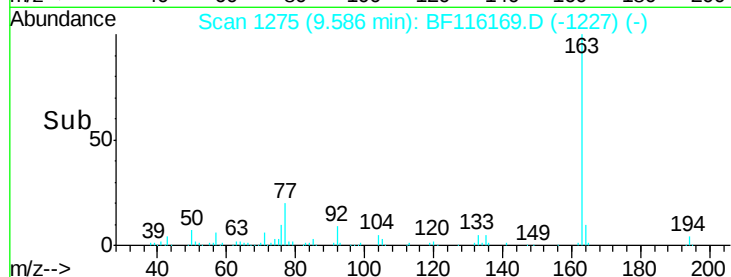
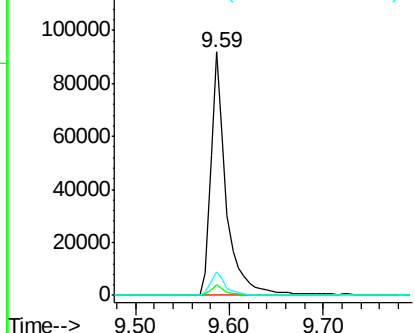
#50
Dimethylphthalate
Concen: 6.096 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116169.D
Acq: 11 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
PE-5

Tot Ion:163 Resp: 106884
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.8 8.4 12.6

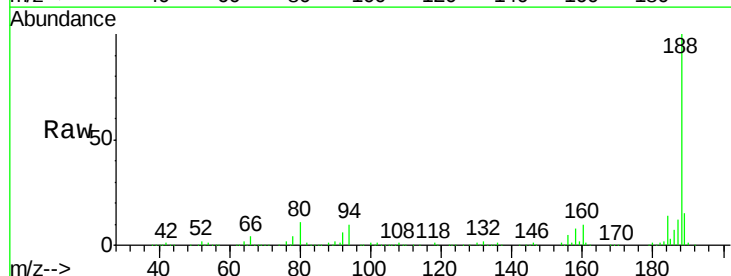


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

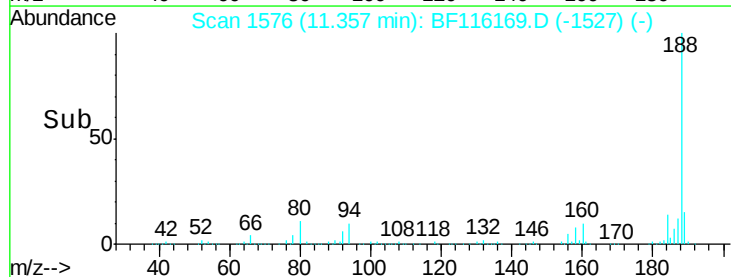
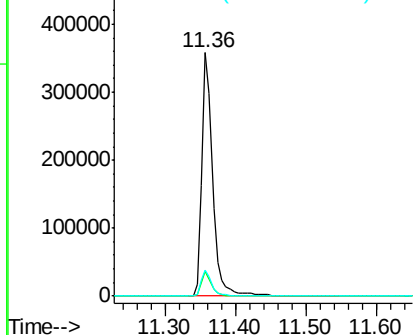


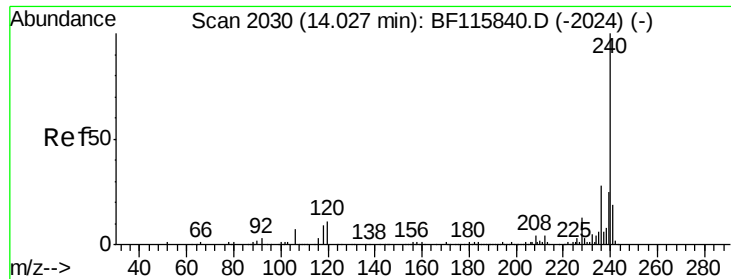
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116169.D
Acq: 11 Aug 2019 2:17

Tgt Ion:188 Resp: 389507
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.8 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

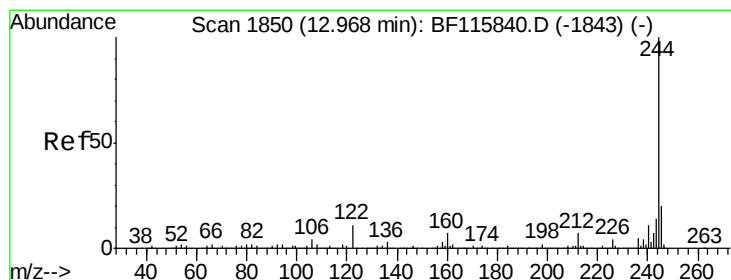
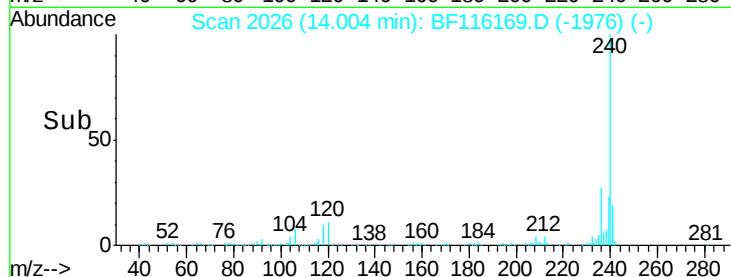
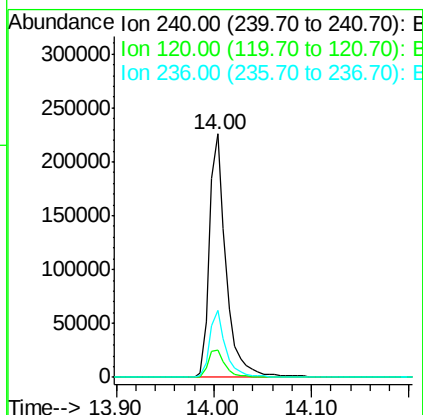
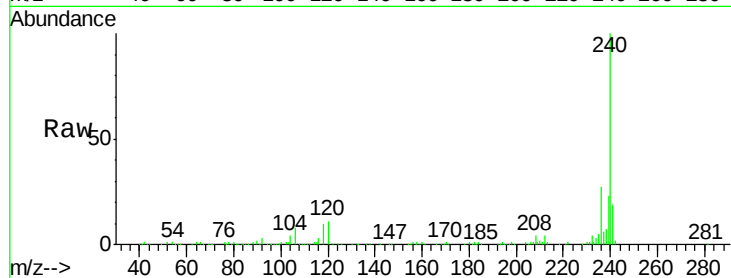




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

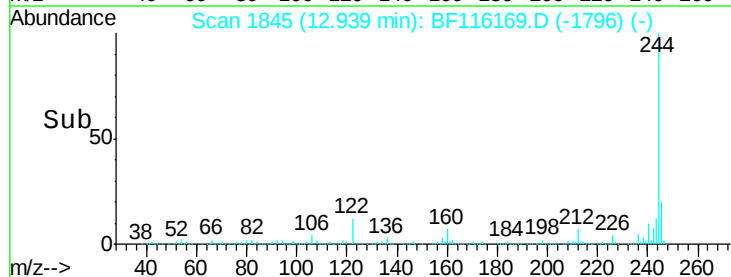
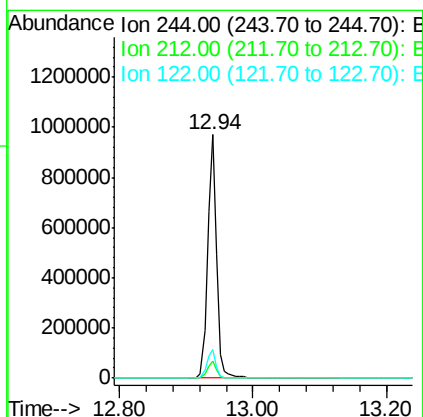
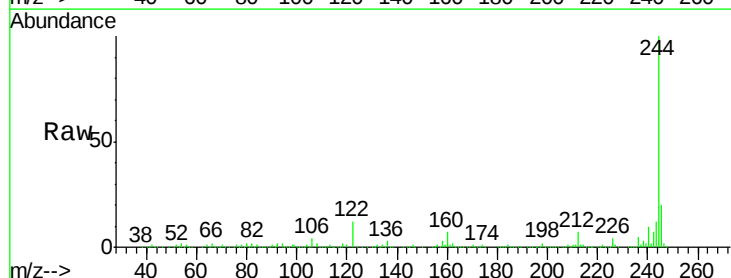
Instrument :
 BNA_F
 ClientSampleId :
 PE-5

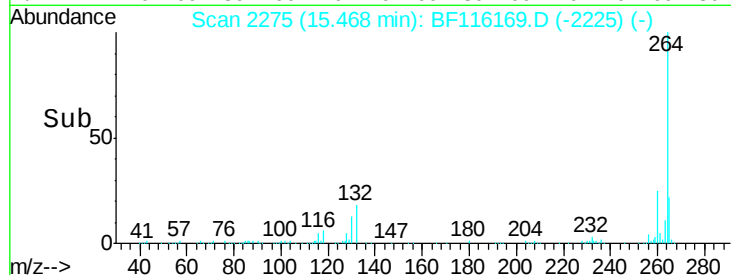
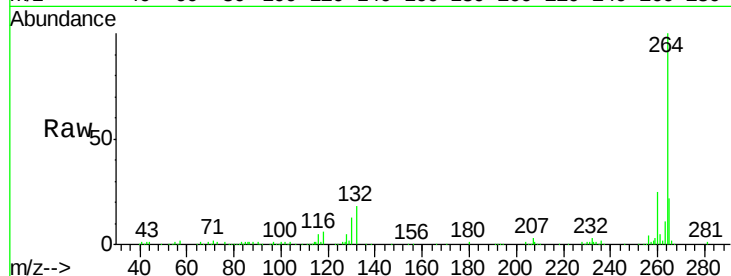
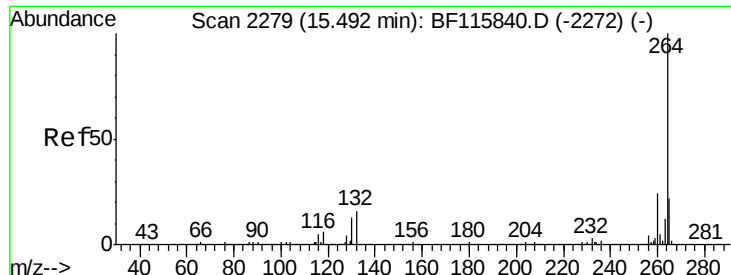
Tot Ion:240 Resp: 267129
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.7 16.1
 236 27.5 22.2 33.2



#79
 Terphenyl-d14
 Concen: 70.428 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Tgt Ion:244 Resp: 892834
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.5 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tot Ion:	264	Resp:	258546
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.7	29.5
265	21.6	17.4	26.0

