

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116150.D
 Acq On : 10 Aug 2019 15:53
 Operator : HP/JU
 Sample : K4152-31
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Quant Time: Aug 12 01:58:00 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

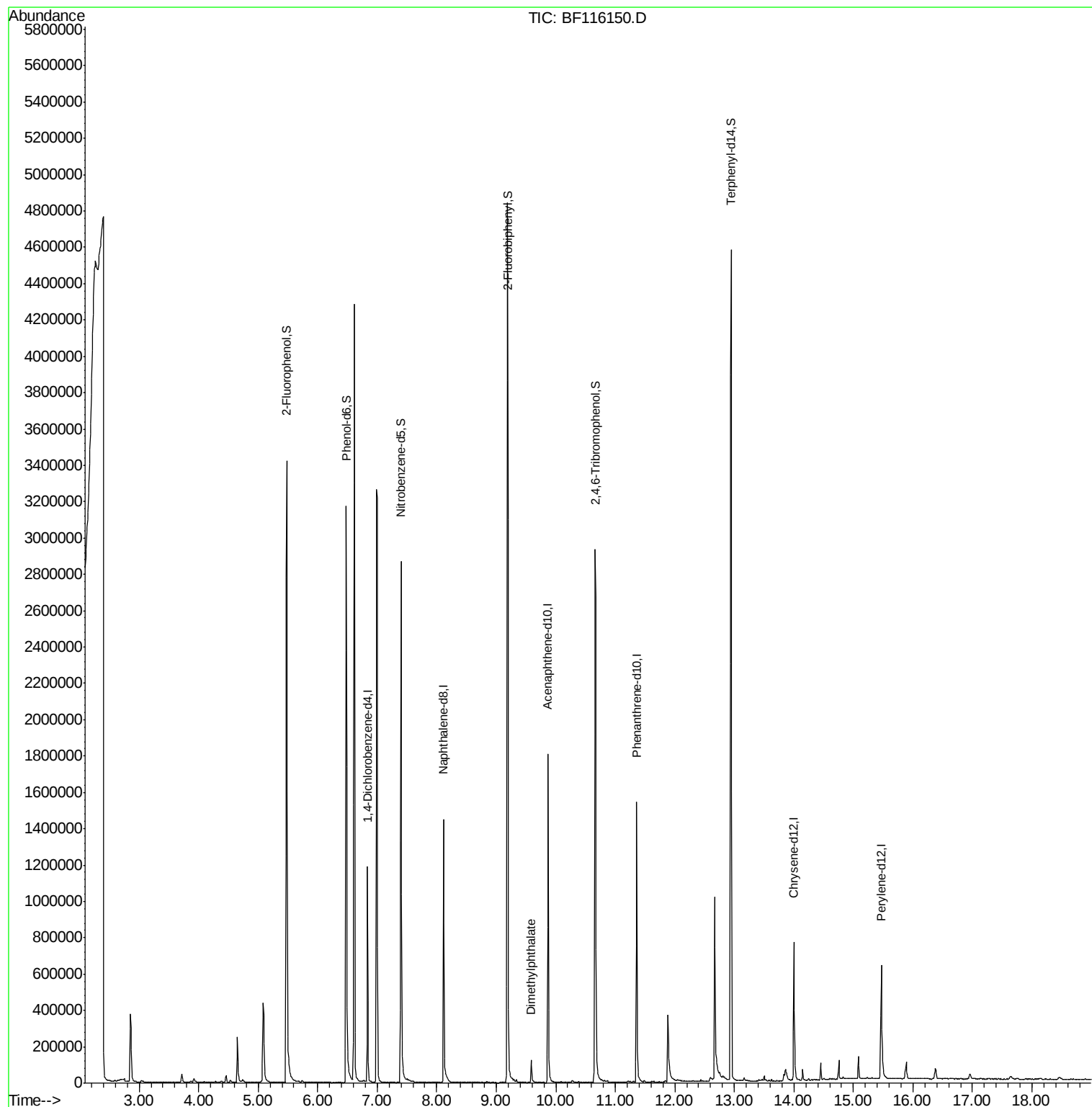
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	179432	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	729573	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	392712	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	630296	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	321416	20.00	ng	0.00
87) Perylene-d12	15.47	264	344585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1136286	106.01	ng	0.01
7) Phenol-d6	6.48	99	1314212	97.18	ng	0.00
23) Nitrobenzene-d5	7.40	82	1113109	88.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	475075	124.78	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1832946	87.42	ng	-0.01
79) Terphenyl-d14	12.94	244	1721897	112.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	70680	2.643	ng	Qvalue 98

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

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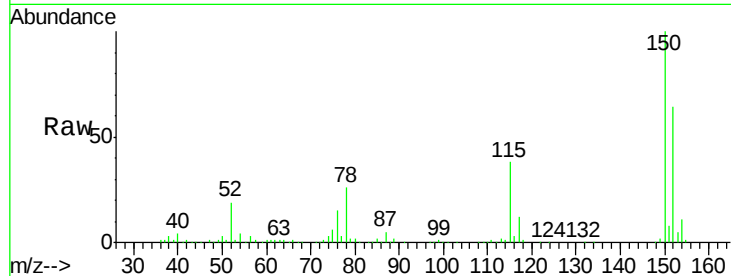


#1

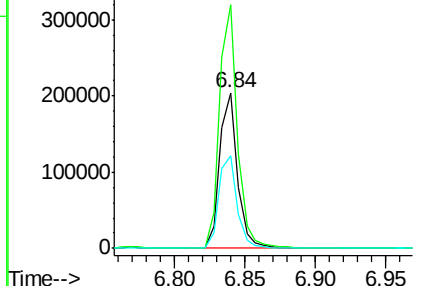
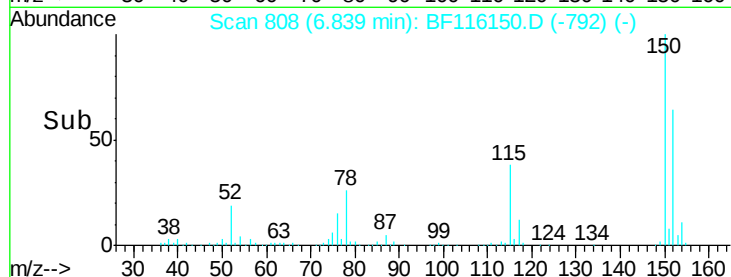
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116150.D
Acq: 10 Aug 2019 15:53

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tot Ion:152 Resp: 179432
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 59.6 49.9 74.9



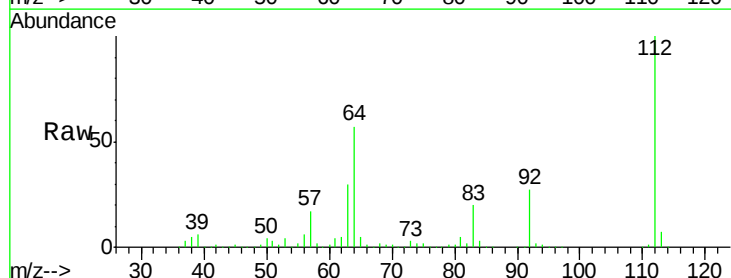
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



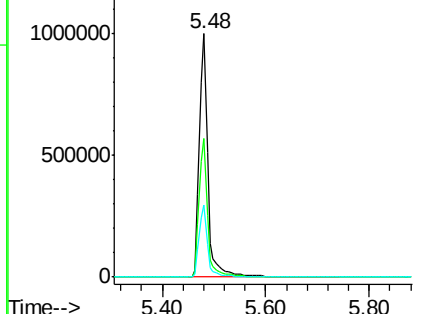
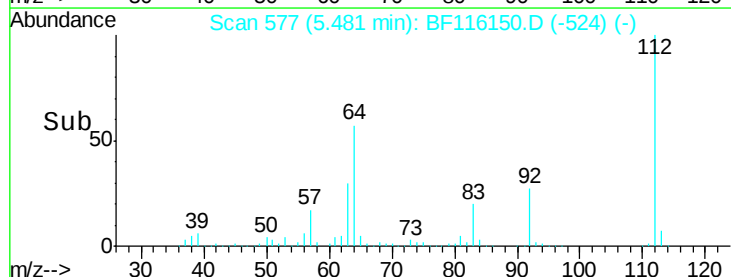
#5

2-Fluorophenol
Concen: 106.013 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116150.D
Acq: 10 Aug 2019 15:53

Tgt Ion:112 Resp: 1136286
Ion Ratio Lower Upper
112 100
64 57.2 45.4 68.2
63 29.8 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: 97.183 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116150.D

Acq: 10 Aug 2019 15:53

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

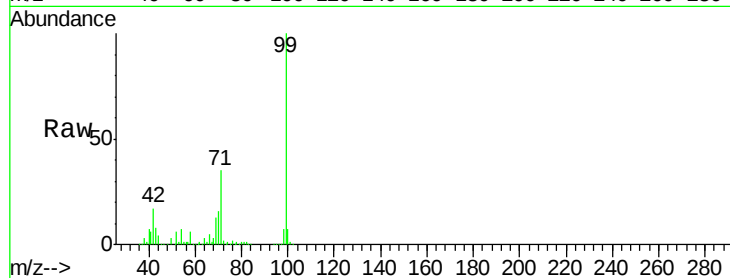
Tot Ion: 99 Resp: 1314212

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

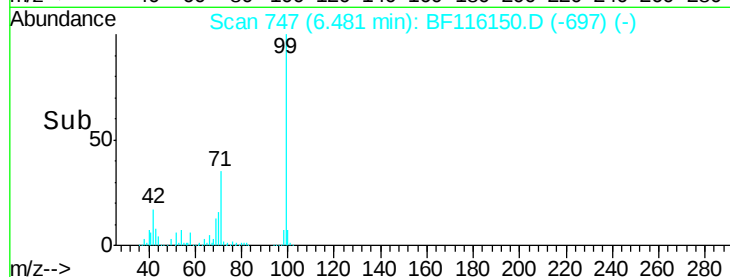
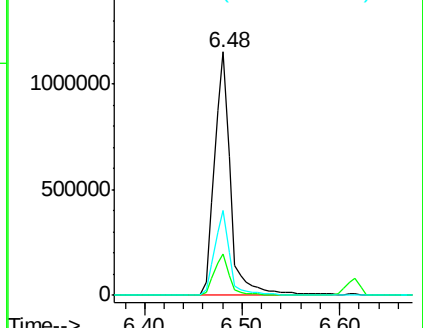
71 34.9 27.3 40.9



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: BF116150.D

Acq: 10 Aug 2019 15:53

Tgt Ion: 136 Resp: 729573

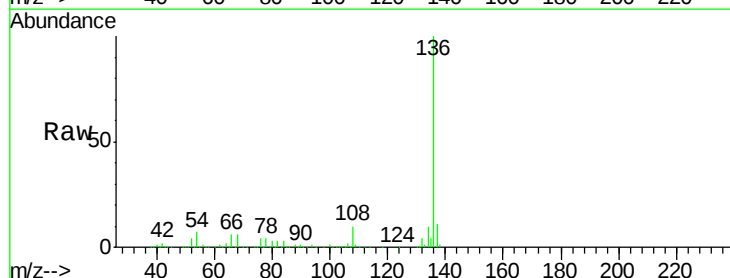
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.3 5.8 8.6

68 6.4 5.2 7.8

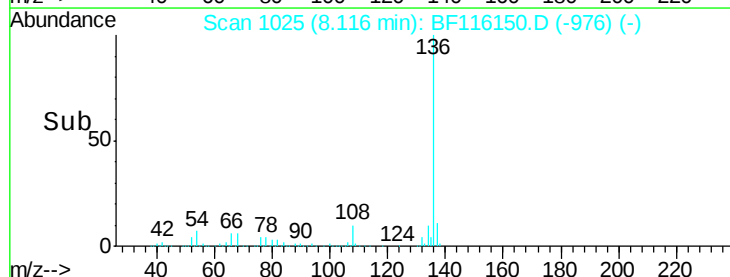
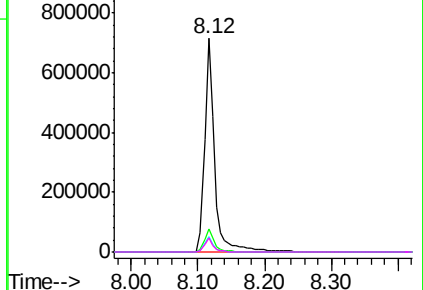


Abundance Ion 136.00 (135.70 to 136.70): E

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

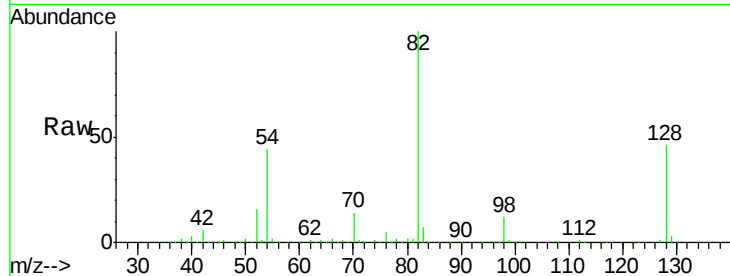




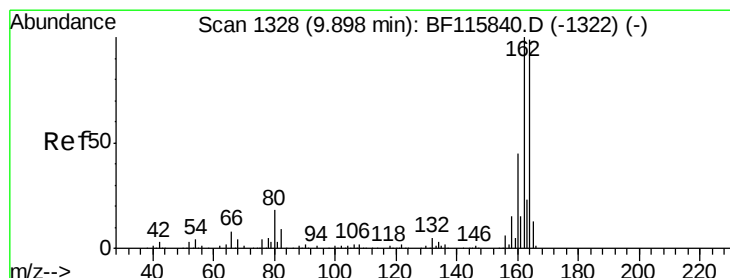
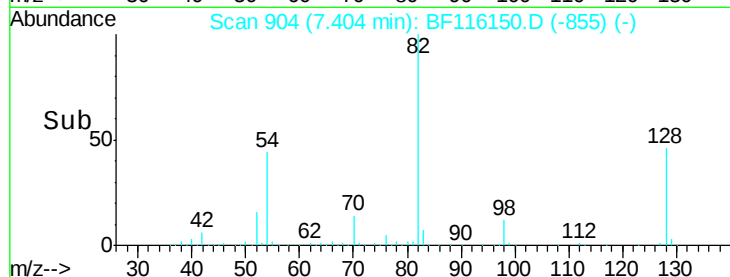
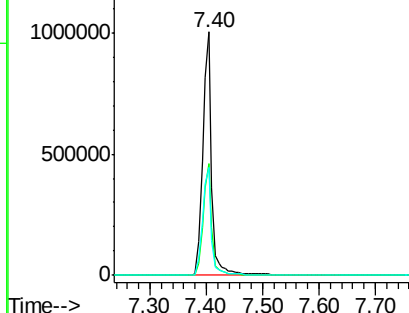
#23
 Nitrobenzene-d5
 Concen: 88.068 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116150.D
 Acq: 10 Aug 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Tot Ion: 82 Resp: 1113109
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.5 54.7
 54 44.5 36.0 54.0

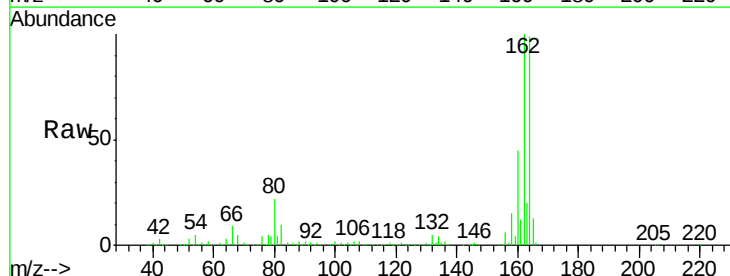


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

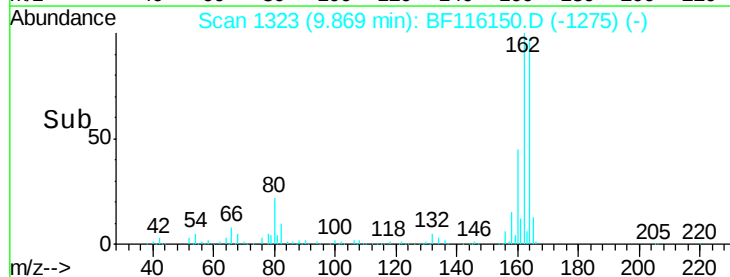
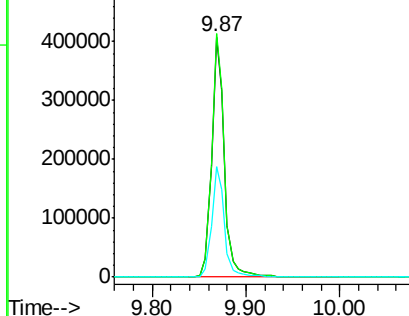


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116150.D
 Acq: 10 Aug 2019 15:53

Tgt Ion: 164 Resp: 392712
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 124.0
 160 45.8 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

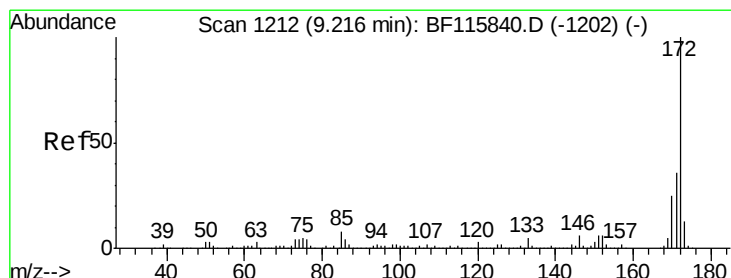
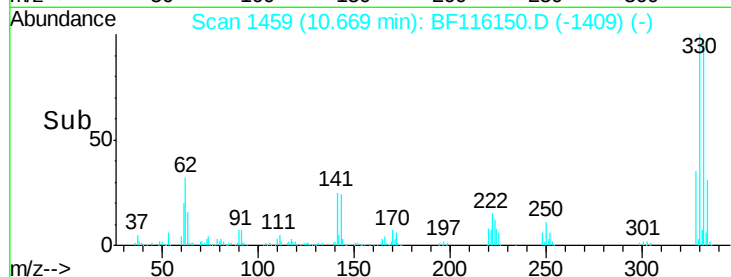
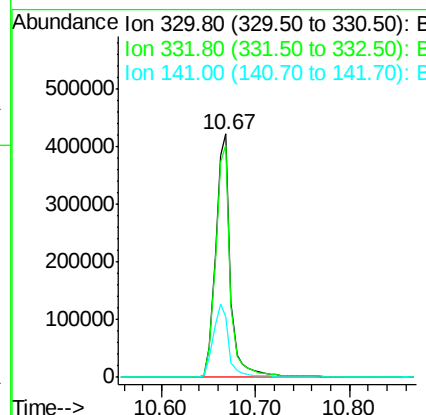
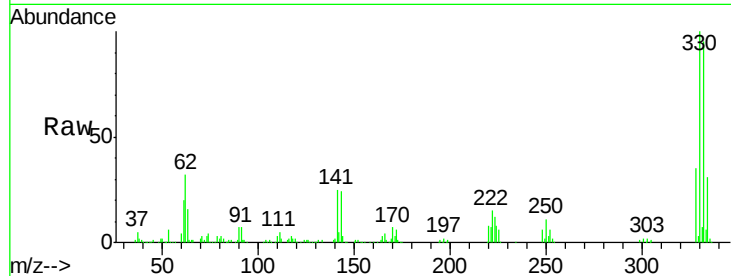




#42
 2,4,6-Tribromophenol
 Concen: 124.775 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116150.D
 Acq: 10 Aug 2019 15:53

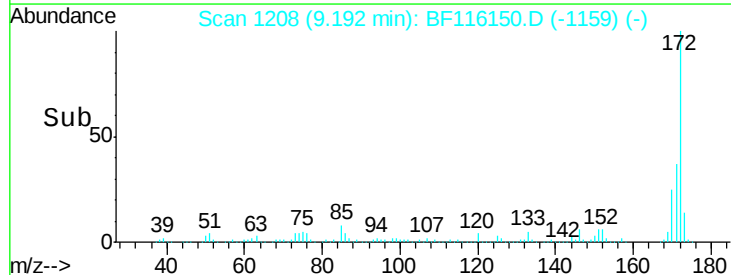
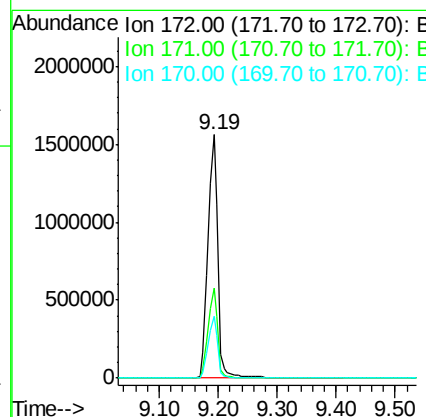
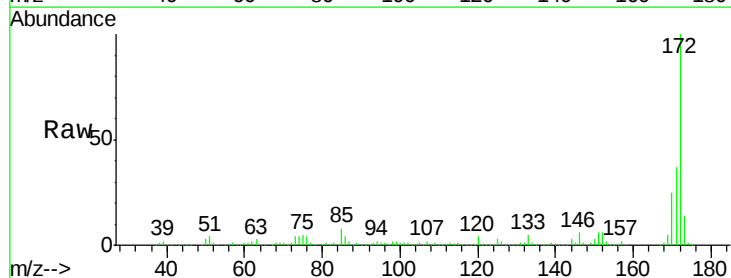
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

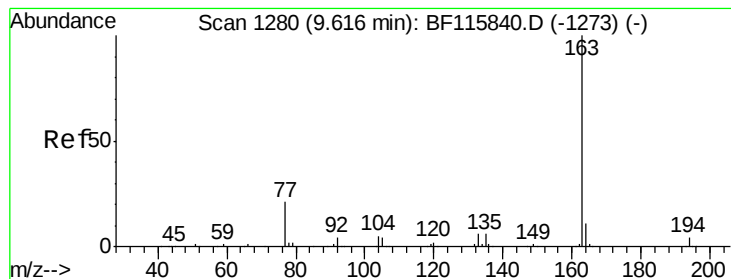
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	32.3	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 87.424 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116150.D
 Acq: 10 Aug 2019 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.4	20.1	30.1





#50

Dimethylphthalate

Concen: 2.643 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116150.D

Acq: 10 Aug 2019 15:53

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

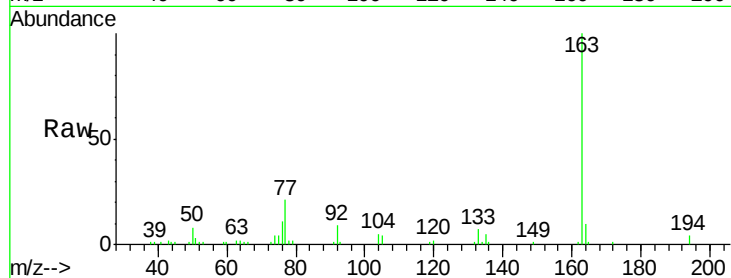
Tot Ion:163 Resp: 70680

Ion Ratio Lower Upper

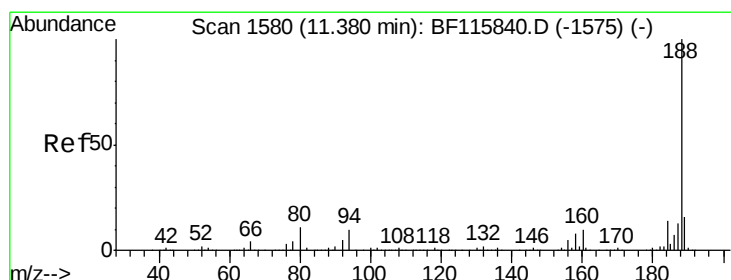
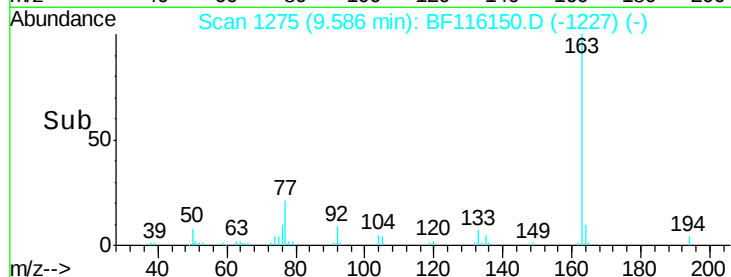
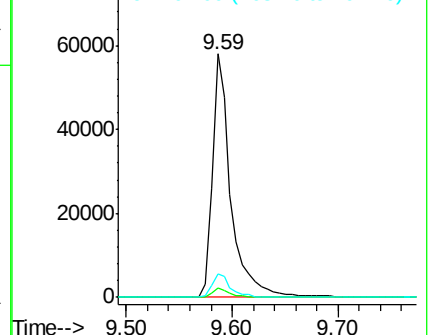
163 100

194 3.6 3.0 4.6

164 9.7 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: BF116150.D

Acq: 10 Aug 2019 15:53

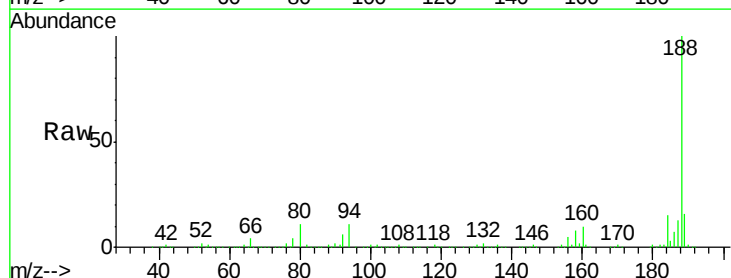
Tgt Ion:188 Resp: 630296

Ion Ratio Lower Upper

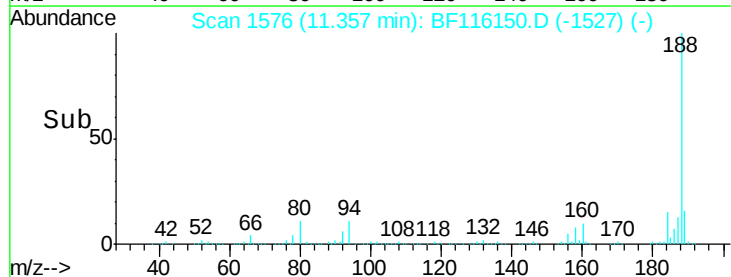
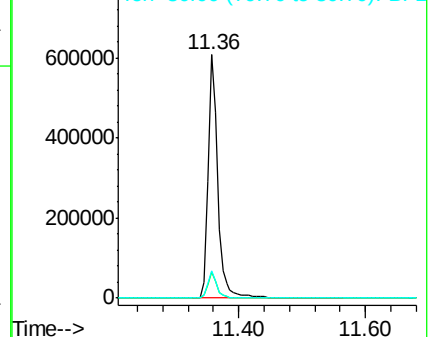
188 100

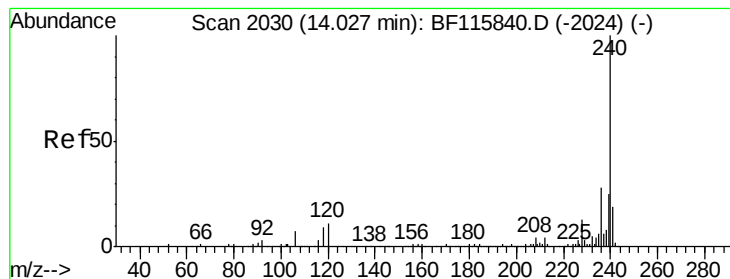
94 10.5 8.1 12.1

80 11.3 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

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116150.D

Acq: 10 Aug 2019 15:53

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

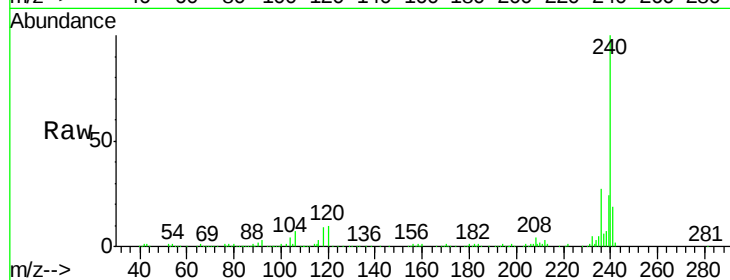
Tot Ion:240 Resp: 321416

Ion Ratio Lower Upper

240 100

120 10.4 10.7 16.1#

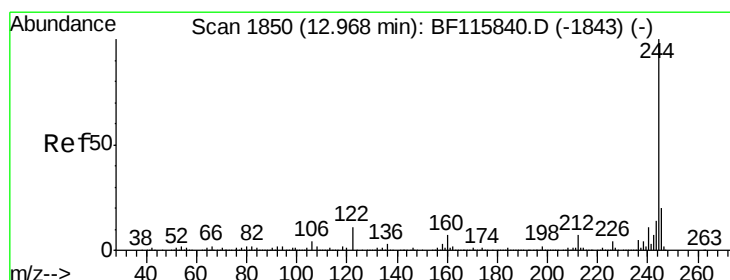
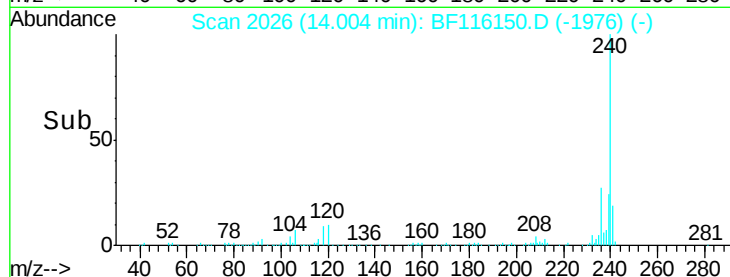
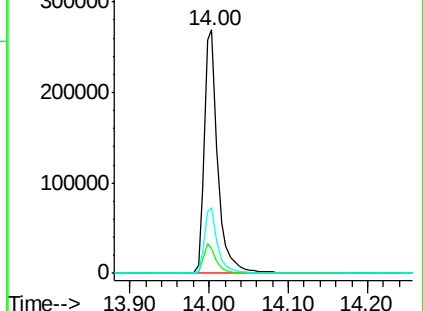
236 26.8 22.2 33.2



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: 112.886 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116150.D

Acq: 10 Aug 2019 15:53

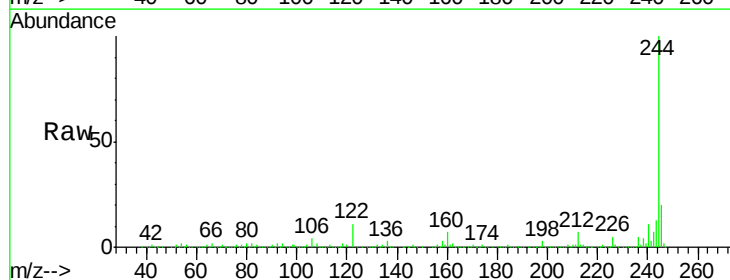
Tgt Ion:244 Resp: 1721897

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

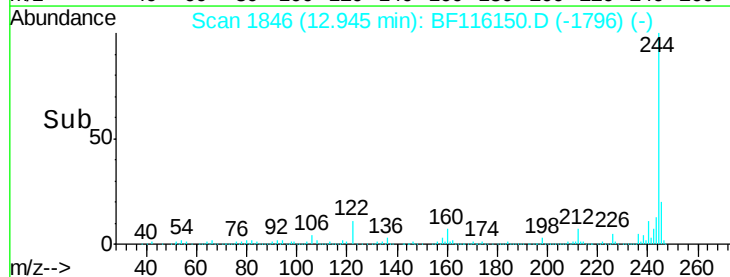
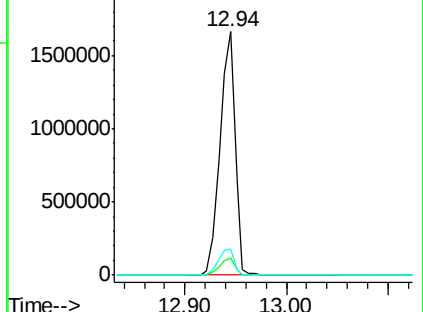
122 10.8 9.0 13.4

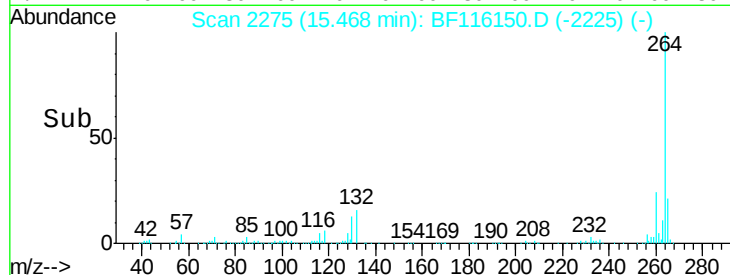
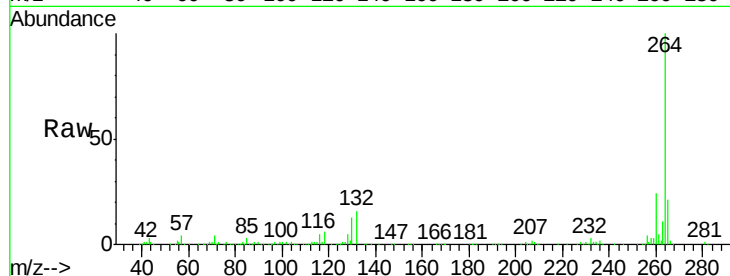
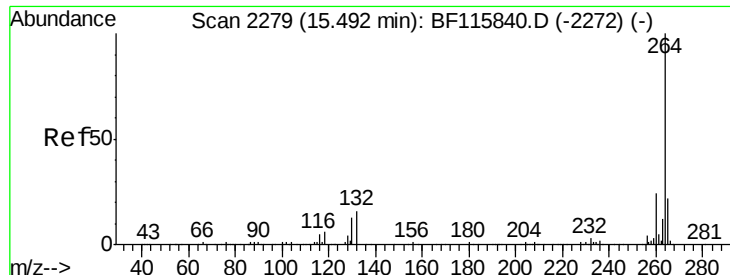


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116150.D
 Acq: 10 Aug 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Tot Ion:264	Resp:	344585
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.7 29.5
265	21.2	17.4 26.0

