

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116284.D
 Acq On : 15 Aug 2019 18:02
 Operator : HP/JU
 Sample : K4340-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

Quant Time: Aug 16 04:05:33 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

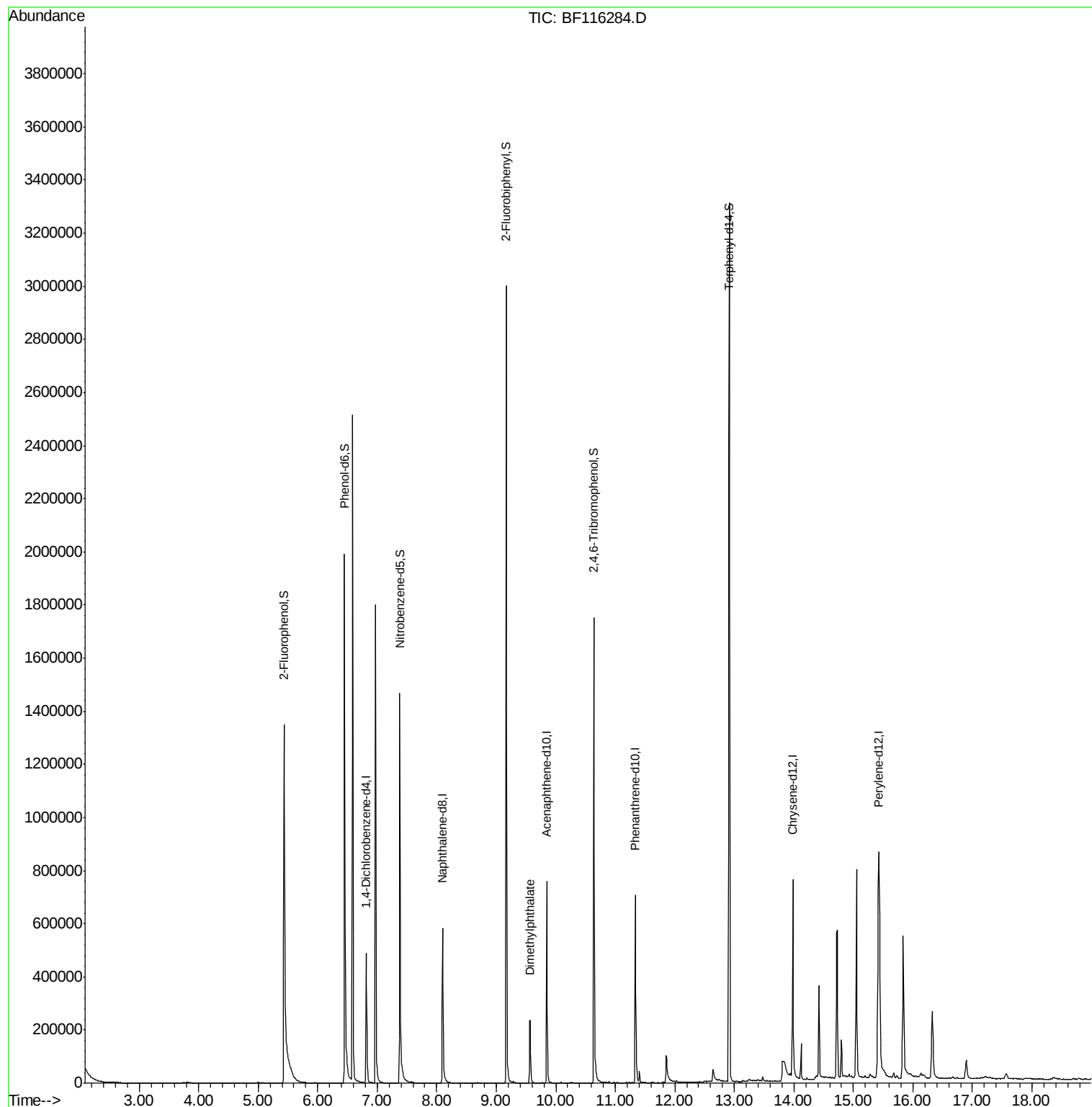
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82669	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	316717	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	170728	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	320289	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	304799	20.00	ng	-0.03
87) Perylene-d12	15.43	264	352535	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	687450	139.21	ng	-0.04
7) Phenol-d6	6.45	99	861444	138.26	ng	-0.04
23) Nitrobenzene-d5	7.38	82	535878	97.67	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	233148	140.85	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	899126	98.64	ng	-0.04
79) Terphenyl-d14	12.92	244	1147771	79.35	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.57	163	127932	11.005	ng	Qvalue 99

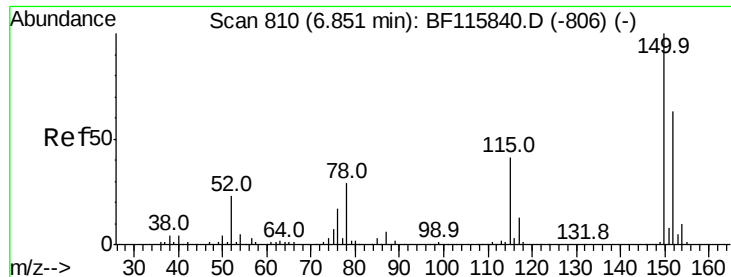
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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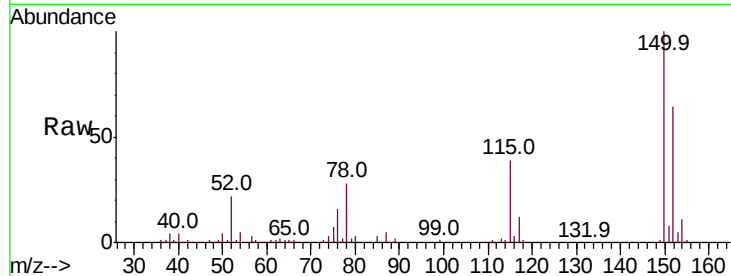


#1

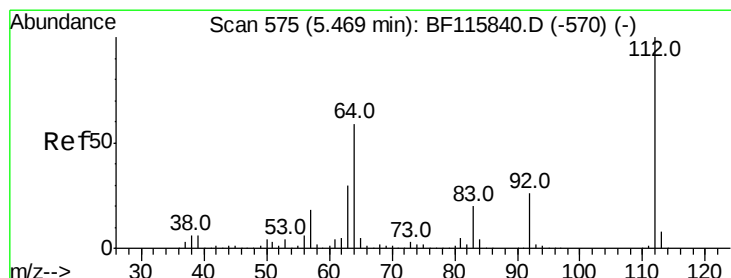
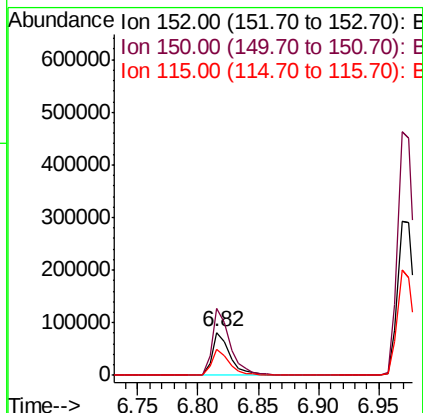
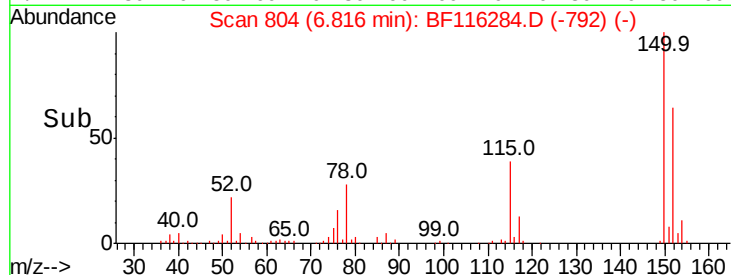
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116284.D
Acq: 15 Aug 2019 18:02

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion:152 Resp: 82669
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 61.1 49.9 74.9



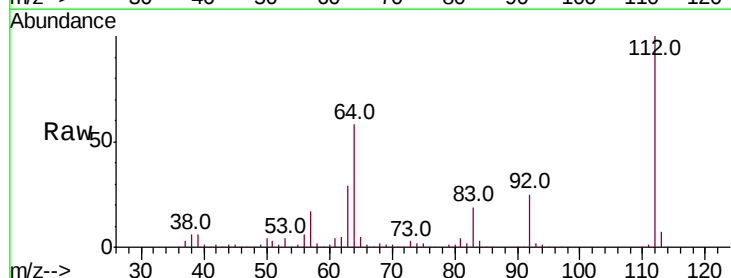
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



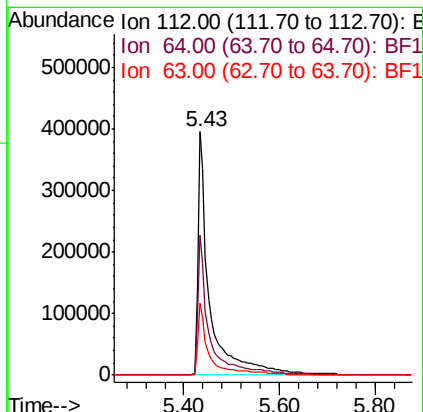
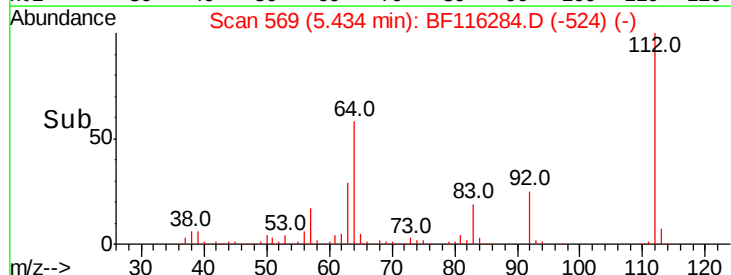
#5

2-Fluorophenol
Concen: 139.210 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.04 min
Lab File: BF116284.D
Acq: 15 Aug 2019 18:02

Tgt Ion:112 Resp: 687450
Ion Ratio Lower Upper
112 100
64 57.7 45.4 68.2
63 29.5 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: 138.264 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

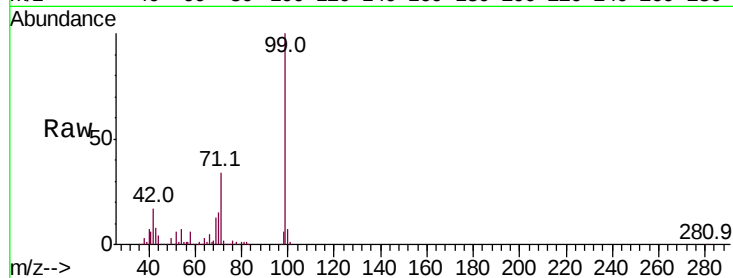
Tot Ion: 99 Resp: 861444

Ion Ratio Lower Upper

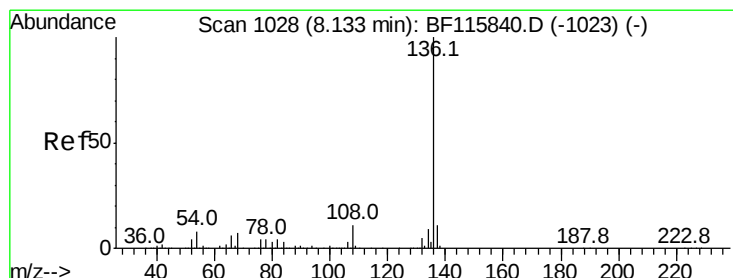
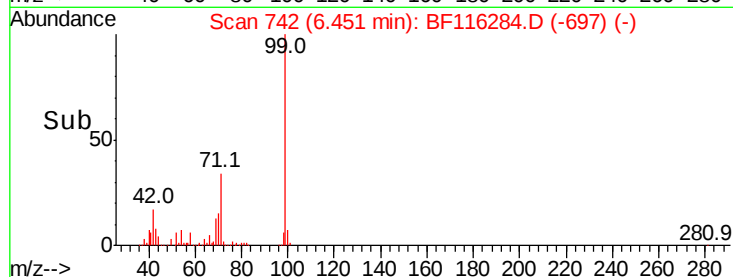
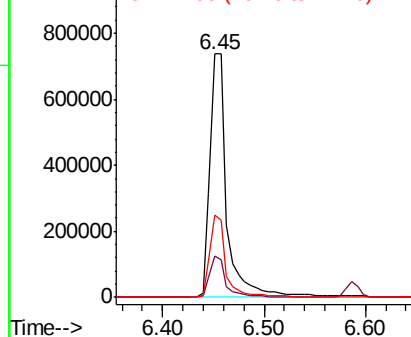
99 100

42 17.1 13.8 20.8

71 33.6 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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Tgt Ion: 136 Resp: 316717

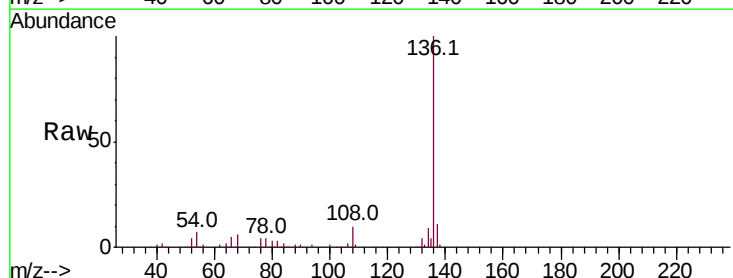
Ion Ratio Lower Upper

136 100

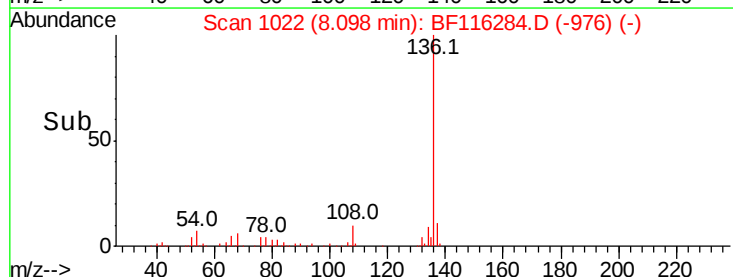
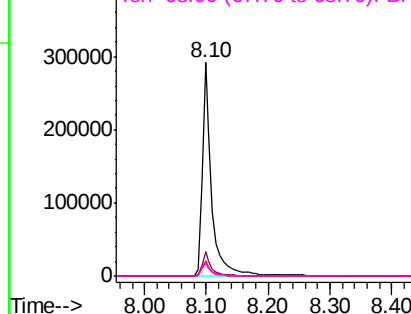
137 11.1 9.0 13.4

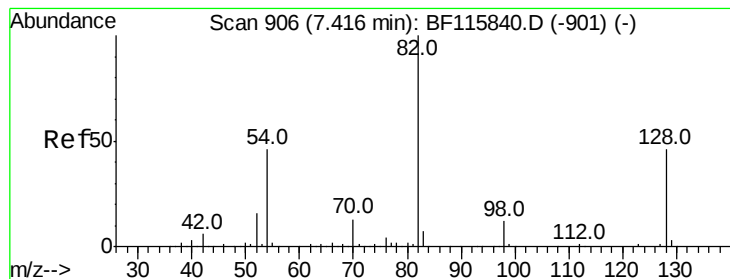
54 7.3 5.8 8.6

68 6.2 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: 97.666 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

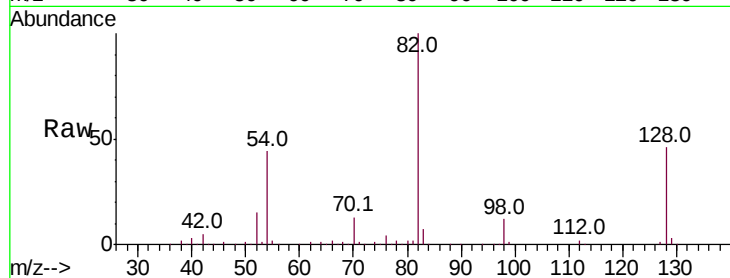
Tot Ion: 82 Resp: 535878

Ion Ratio Lower Upper

82 100

128 46.3 36.5 54.7

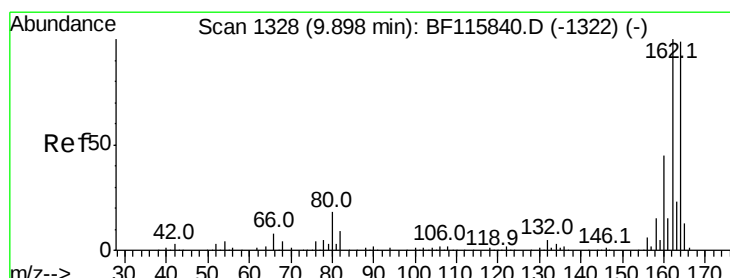
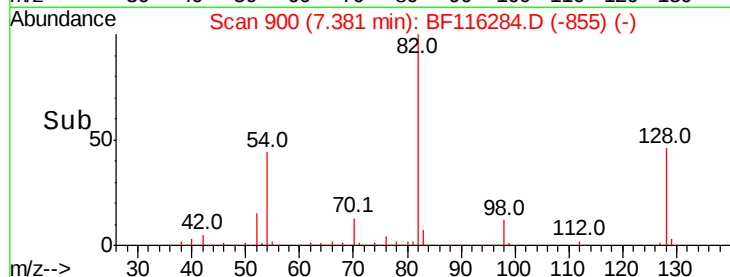
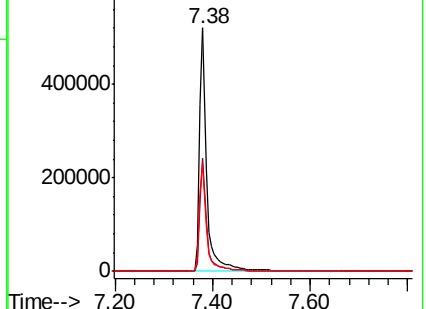
54 44.3 36.0 54.0



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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

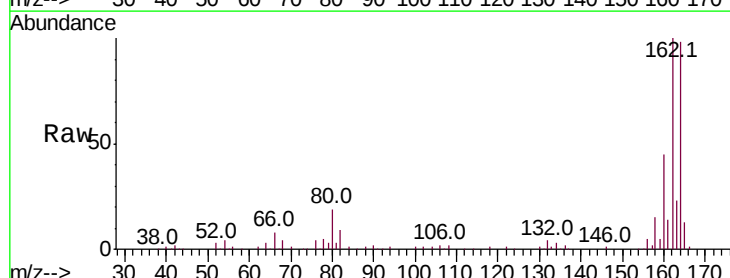
Tgt Ion: 164 Resp: 170728

Ion Ratio Lower Upper

164 100

162 102.2 82.6 124.0

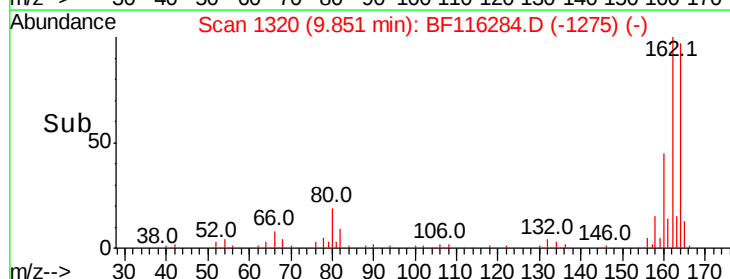
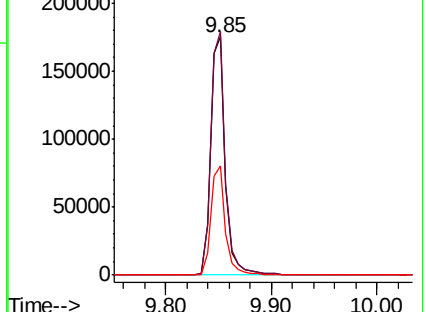
160 46.0 37.6 56.4

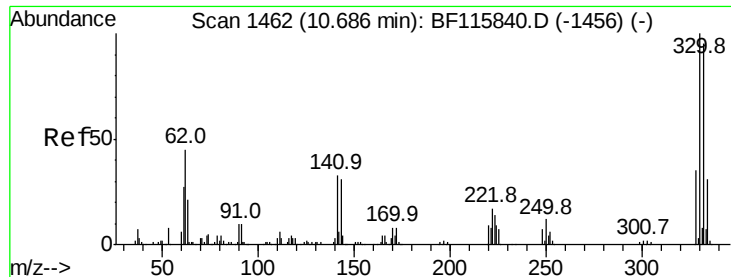


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

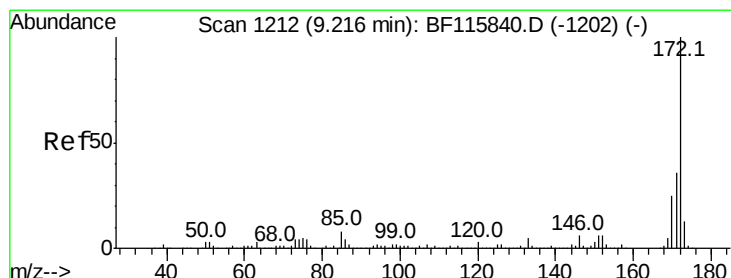
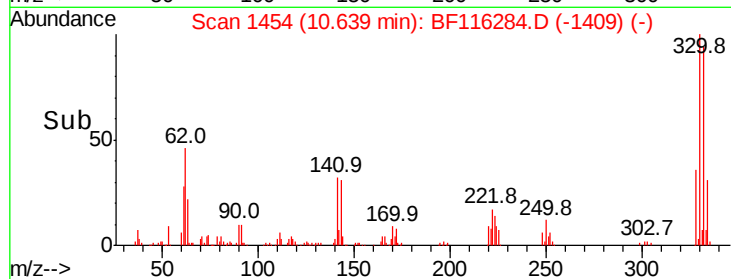
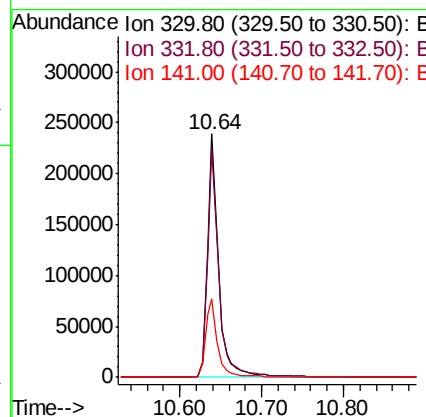
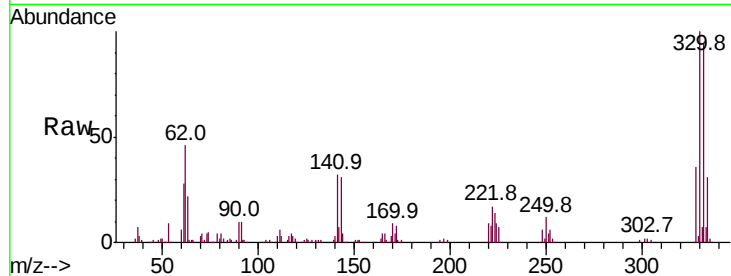




#42
 2,4,6-Tribromophenol
 Concen: 140.853 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

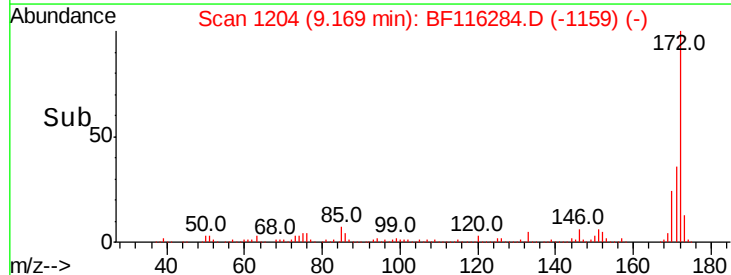
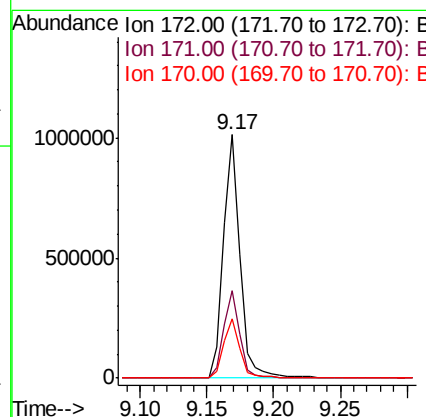
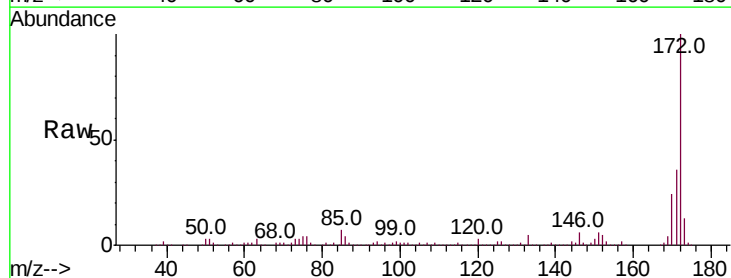
Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

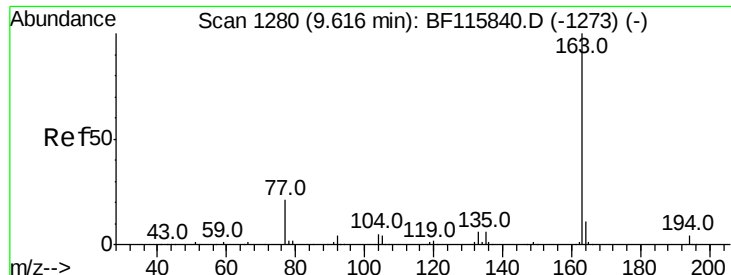
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	34.4	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 98.644 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	20.1	30.1

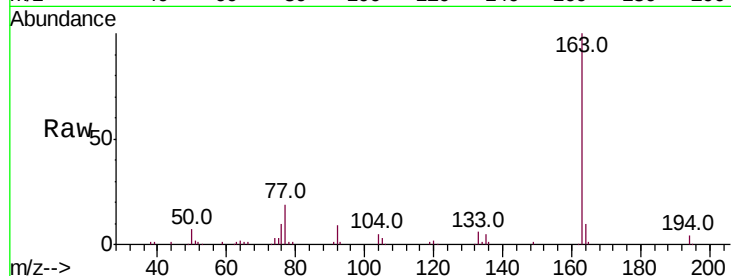




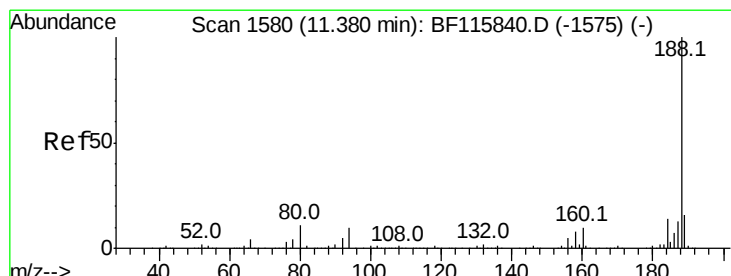
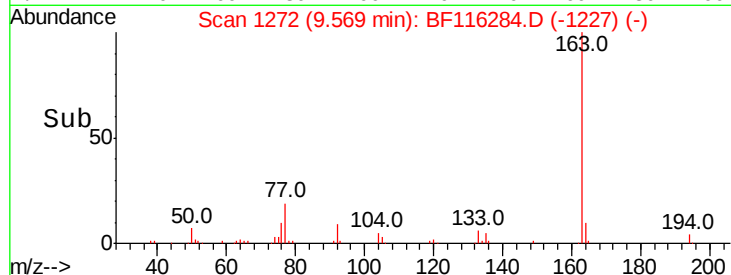
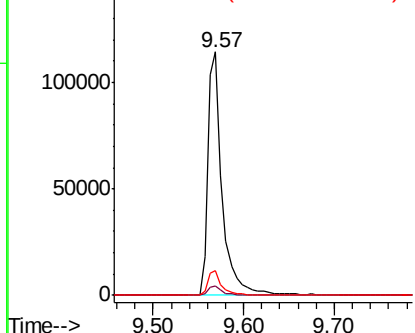
#50
Dimethylphthalate
Concen: 11.005 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116284.D
Acq: 15 Aug 2019 18:02

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.1	8.4	12.6

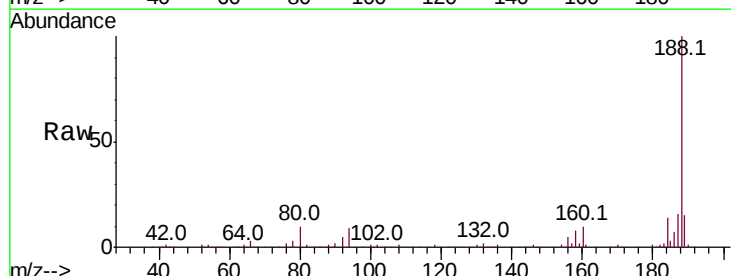


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

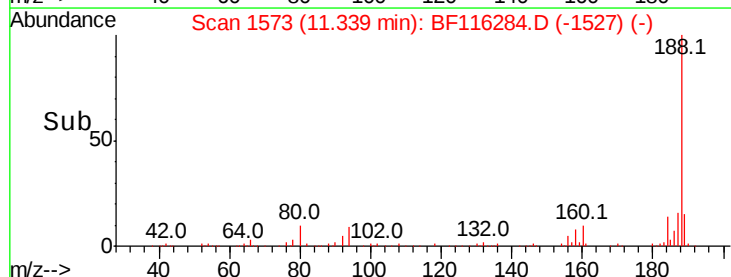
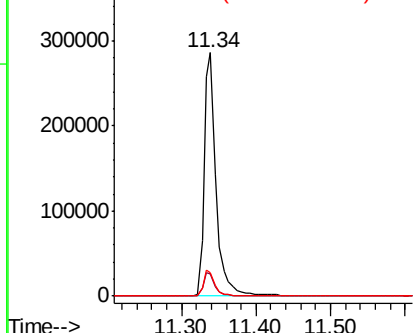


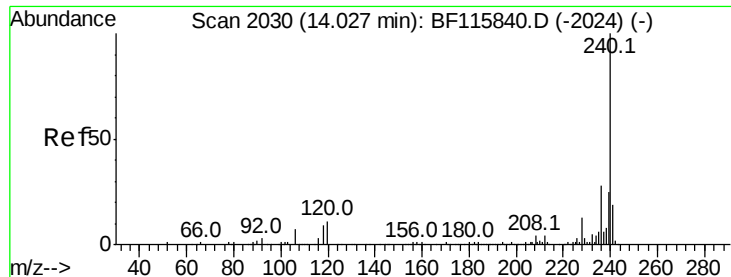
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116284.D
Acq: 15 Aug 2019 18:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.1	12.1
80	9.6	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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

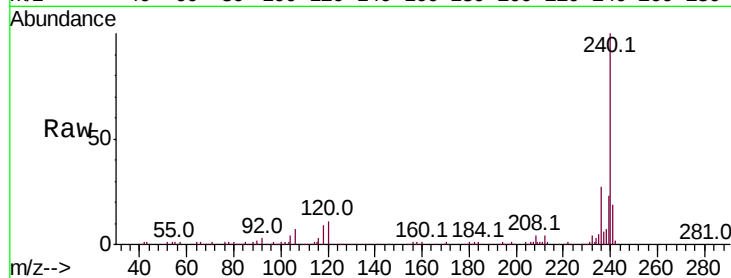
Tot Ion:240 Resp: 304799

Ion Ratio Lower Upper

240 100

120 11.0 10.7 16.1

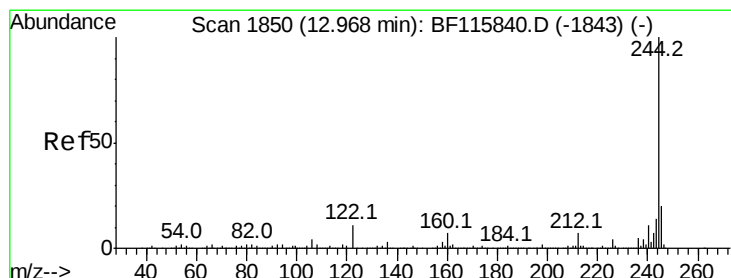
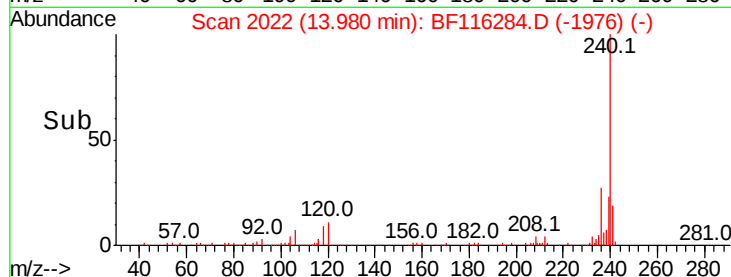
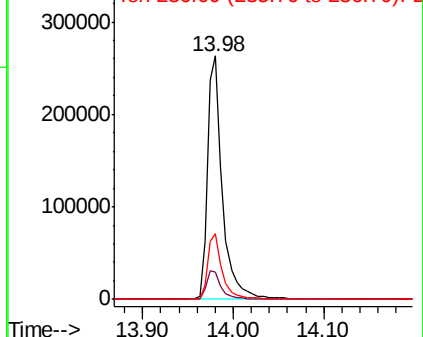
236 27.2 22.2 33.2



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: 79.349 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

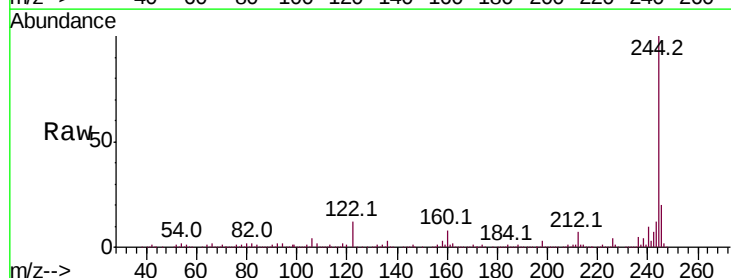
Tgt Ion:244 Resp: 1147771

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

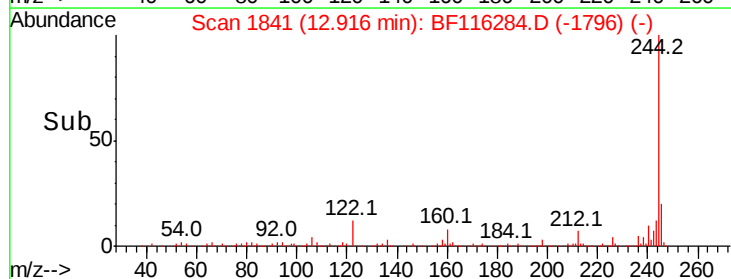
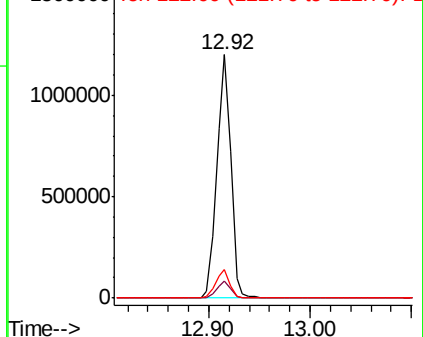
122 11.9 9.0 13.4

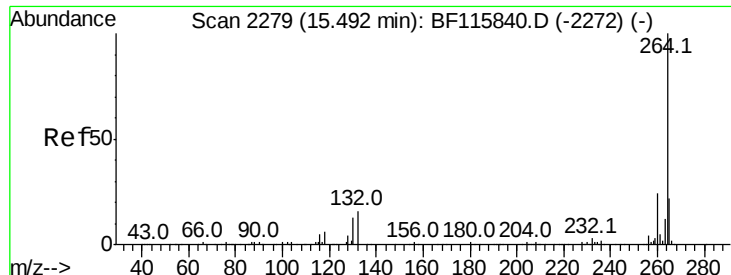


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

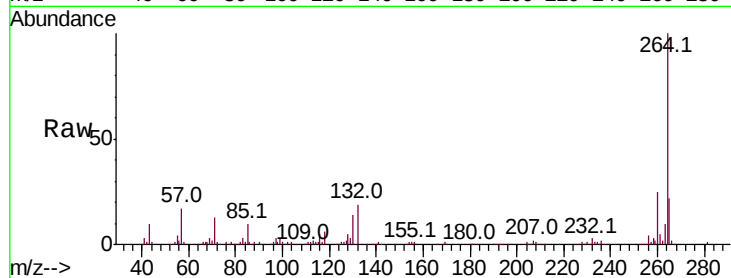




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.6	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

