

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112165.D
 Acq On : 21 Jan 2019 18:16
 Operator : JU/SJ
 Sample : K1009-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011819-D

Quant Time: Jan 22 01:01:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	221296	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	733628	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	300358	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	574312	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	505089	20.00	ng	-0.01
87) Perylene-d12	15.49	264	372119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1310719	107.50	ng	0.00
7) Phenol-d6	6.50	99	1342426	88.00	ng	0.00
23) Nitrobenzene-d5	7.42	82	1036175	97.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	439856	135.75	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1916576	93.55	ng	0.00
79) Terphenyl-d14	12.96	244	2194899	92.45	ng	0.00

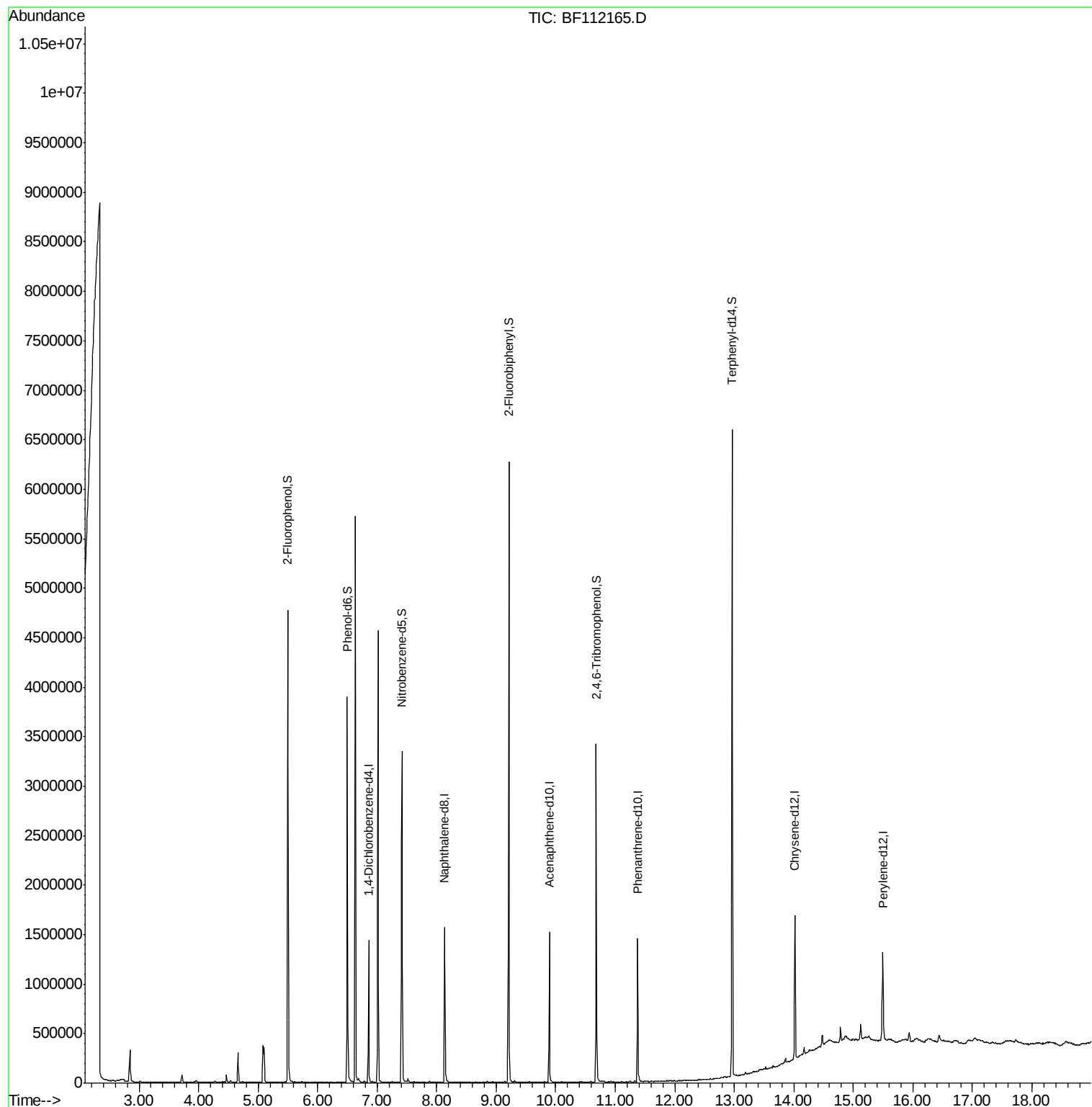
Target Compounds Qvalue

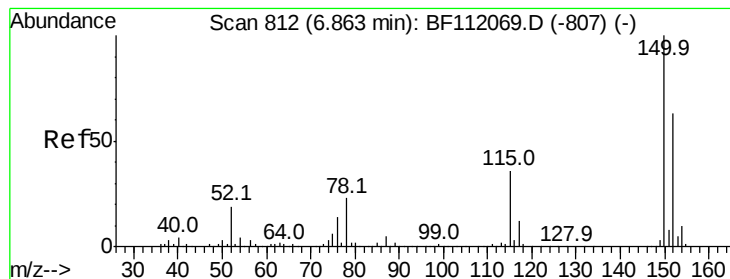
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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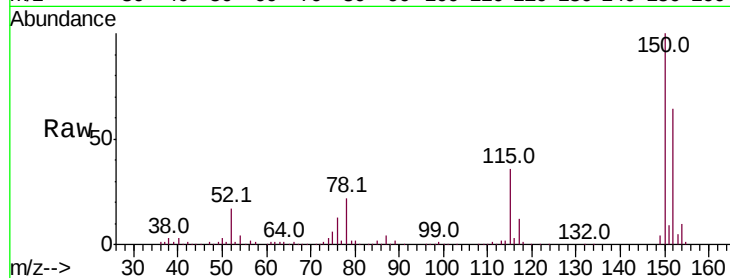


#1

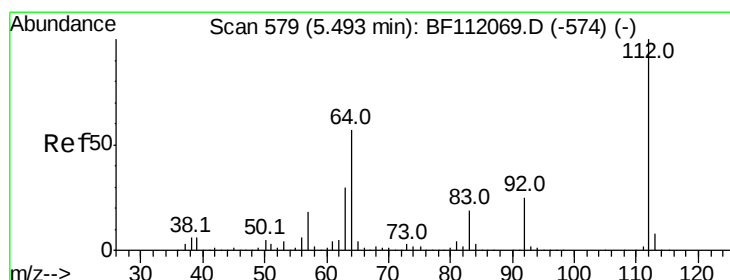
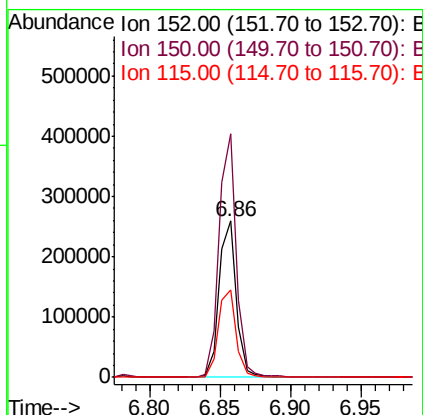
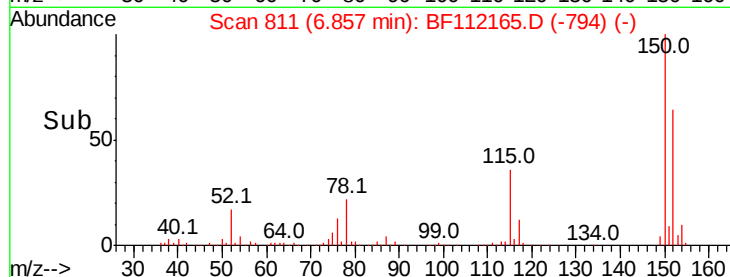
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tot Ion:152 Resp: 221296
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 56.2 45.5 68.3



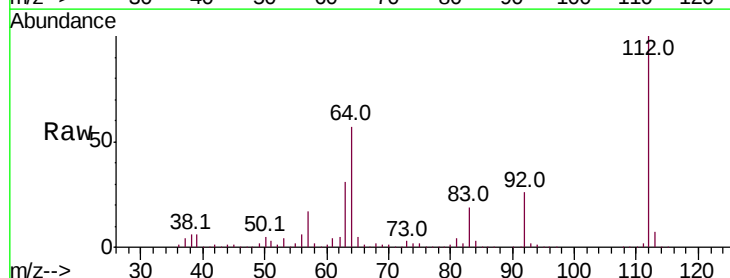
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



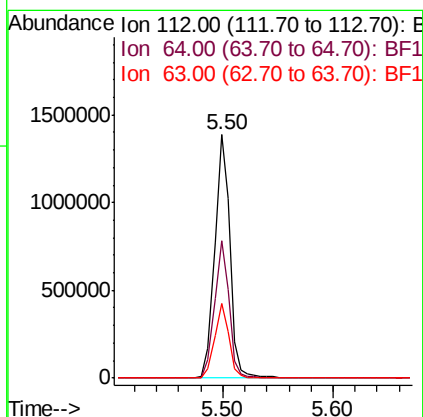
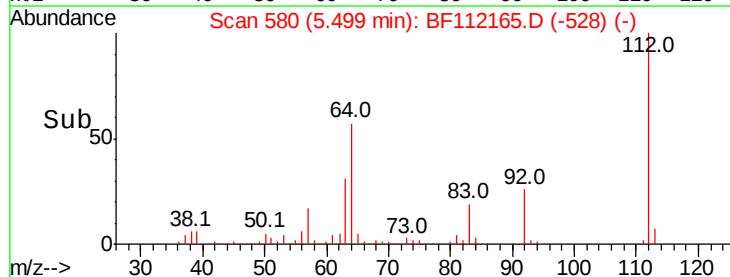
#5

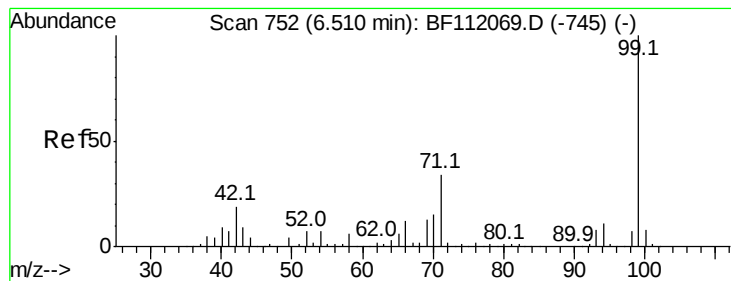
2-Fluorophenol
Concen: 107.503 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:112 Resp: 1310719
Ion Ratio Lower Upper
112 100
64 56.5 45.7 68.5
63 30.8 23.6 35.4



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: 88.002 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112165.D

Acq: 21 Jan 2019 18:16

Instrument :

BNA_F

ClientSampleId :

CL-01-011819-D

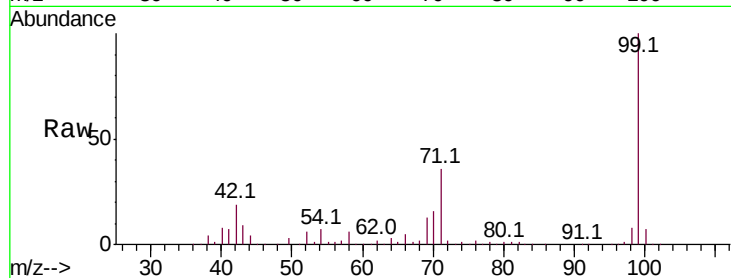
Tot Ion: 99 Resp: 1342426

Ion Ratio Lower Upper

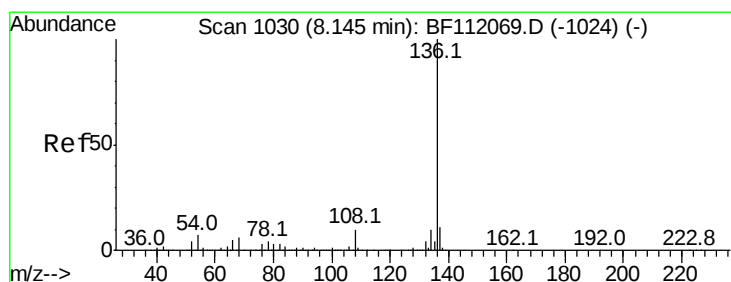
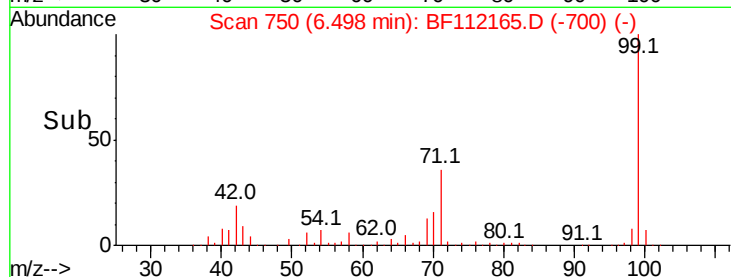
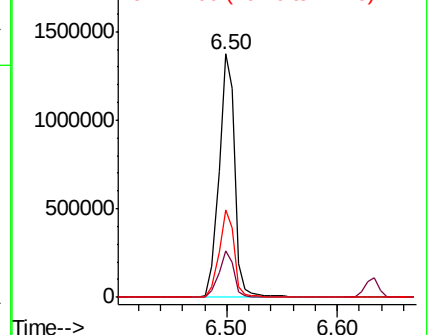
99 100

42 19.1 15.1 22.7

71 36.2 26.9 40.3



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112165.D

Acq: 21 Jan 2019 18:16

Tgt Ion: 136 Resp: 733628

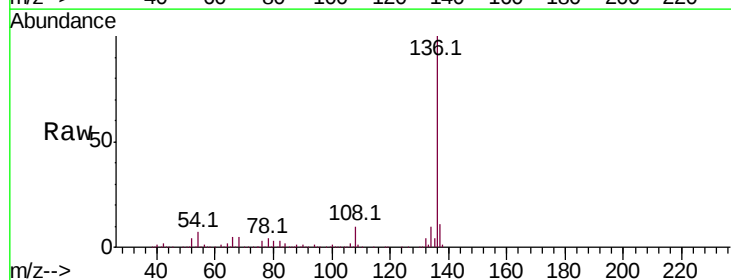
Ion Ratio Lower Upper

136 100

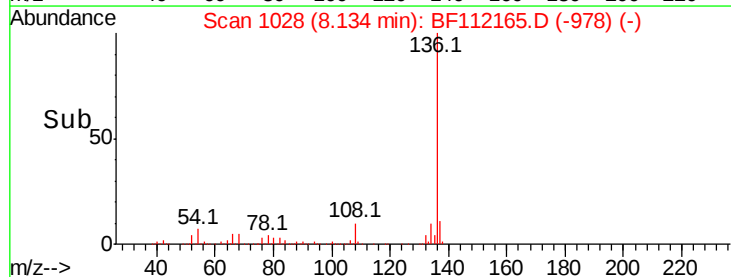
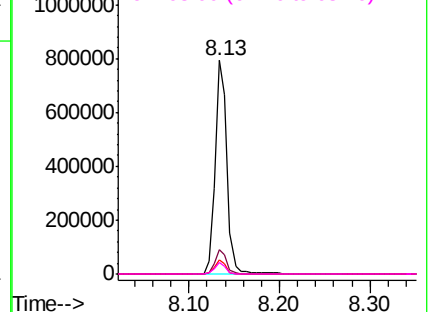
137 11.3 9.1 13.7

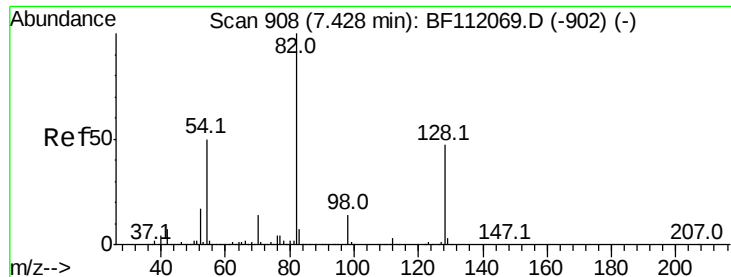
54 6.8 5.9 8.9

68 5.4 5.1 7.7



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

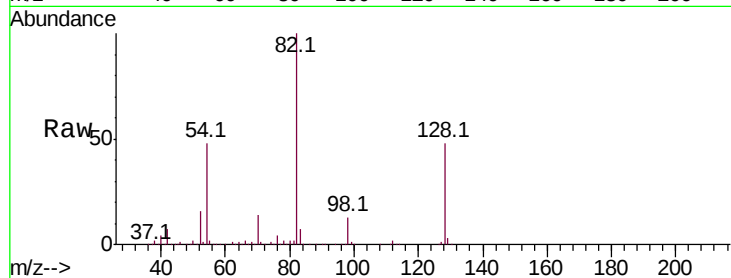




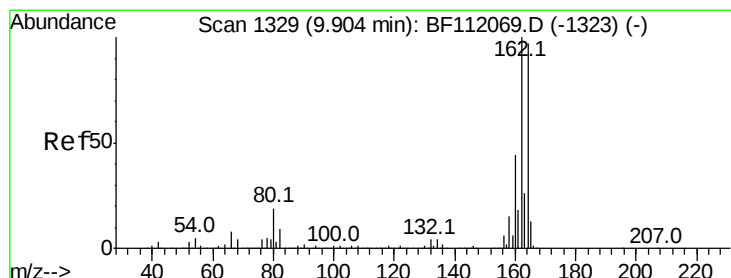
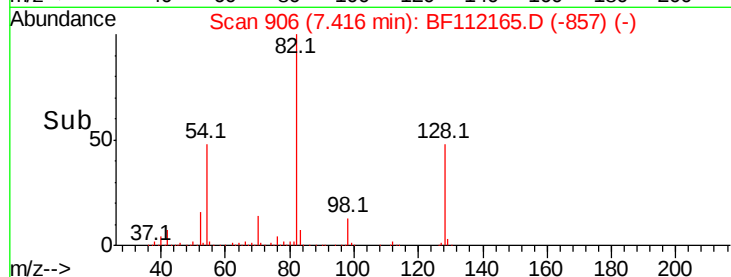
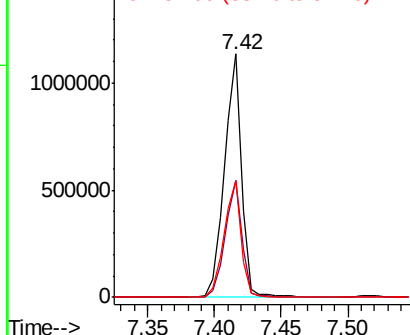
#23
Nitrobenzene-d5
Concen: 97.581 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tot Ion: 82 Resp: 1036175
Ion Ratio Lower Upper
82 100
128 48.1 37.8 56.8
54 48.0 39.7 59.5

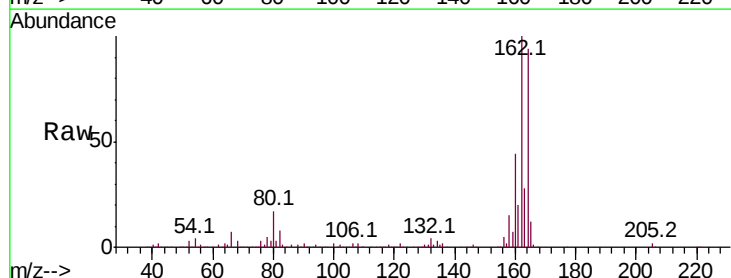


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

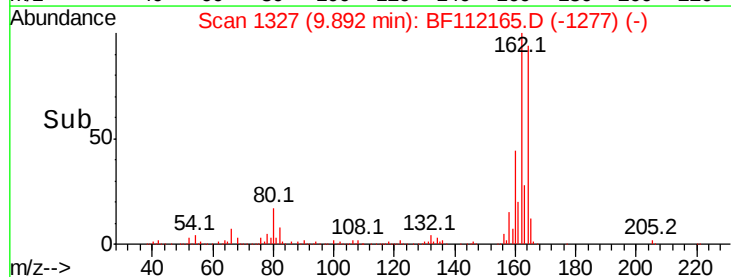
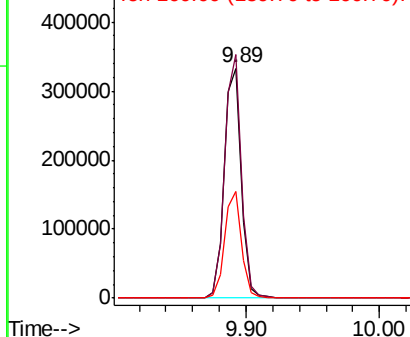


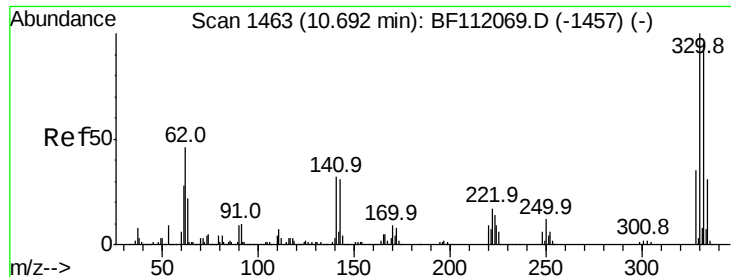
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:164 Resp: 300358
Ion Ratio Lower Upper
164 100
162 106.0 82.2 123.4
160 46.4 36.2 54.4



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

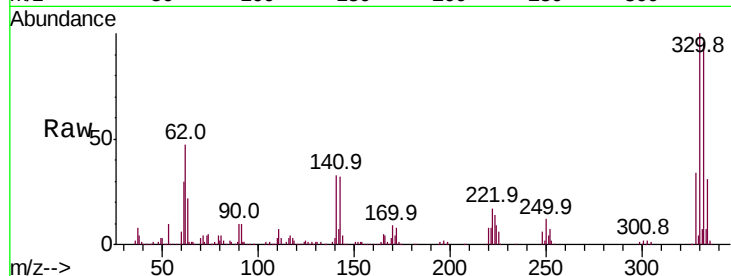




#42
 2,4,6-Tribromophenol
 Concen: 135.749 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112165.D
 Acq: 21 Jan 2019 18:16

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011819-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	30.7	24.3	36.5

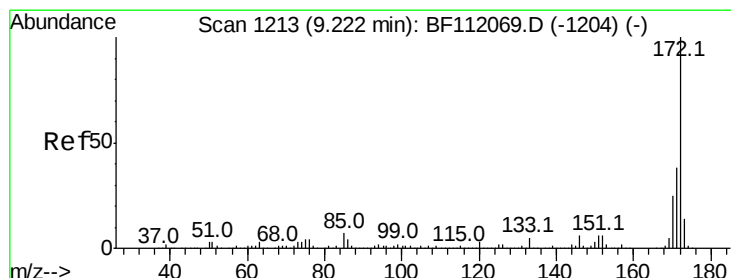
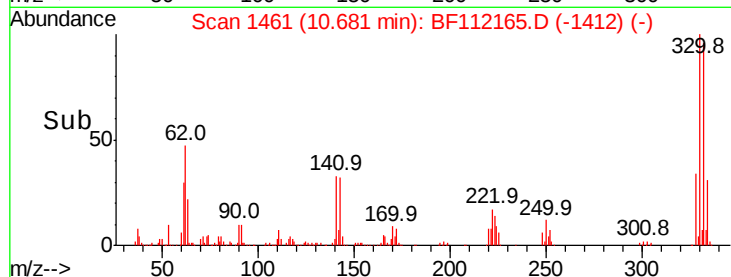
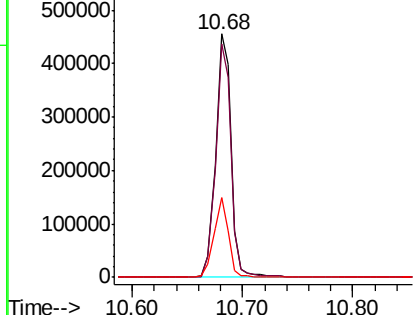


Abundance

Ion 329.80 (329.50 to 330.50): E

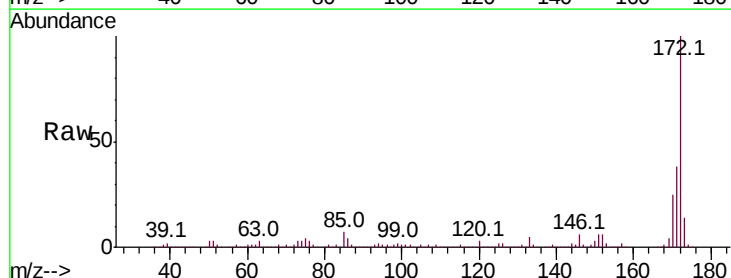
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.552 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112165.D
 Acq: 21 Jan 2019 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.8	20.2	30.4

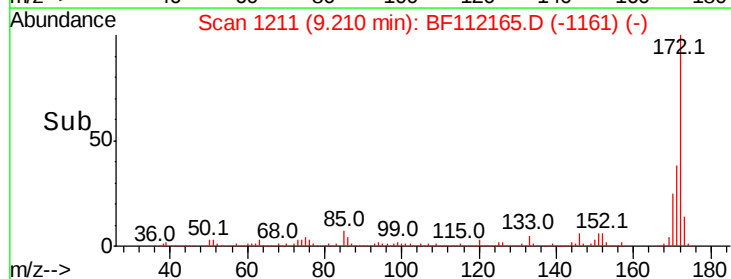
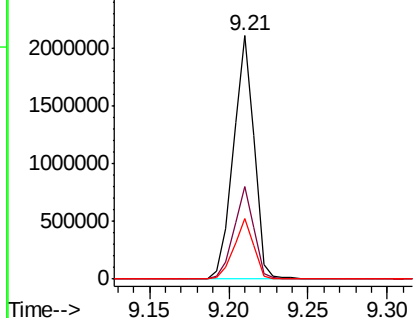


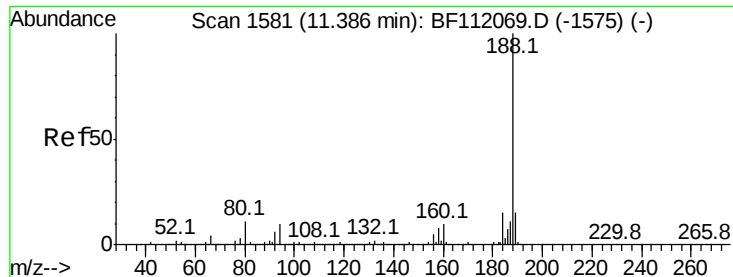
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF112165.D

Acq: 21 Jan 2019 18:16

Instrument :

BNA_F

ClientSampleId :

CL-01-011819-D

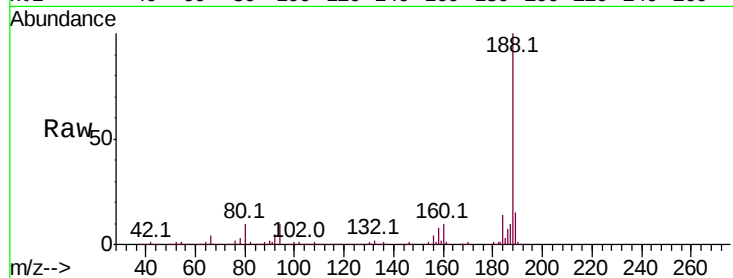
Tot Ion:188 Resp: 574312

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

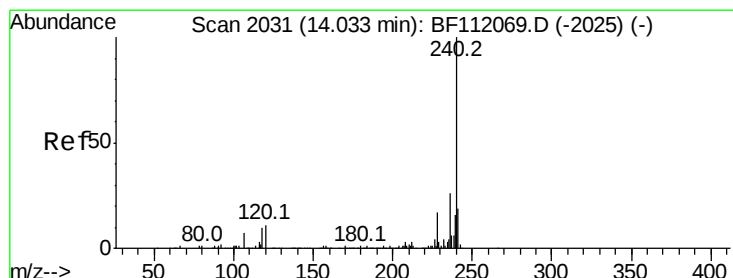
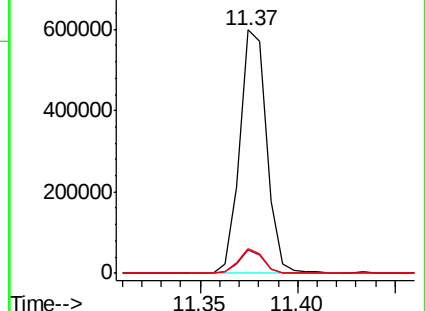
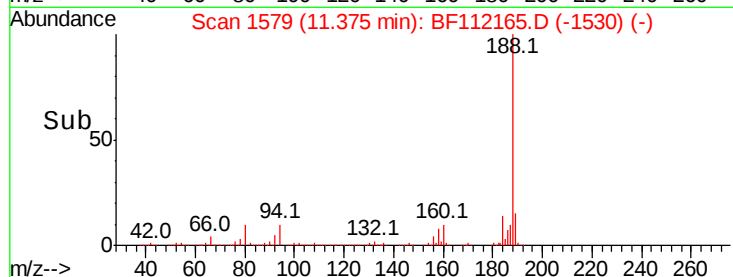
80 10.3 8.9 13.3



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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112165.D

Acq: 21 Jan 2019 18:16

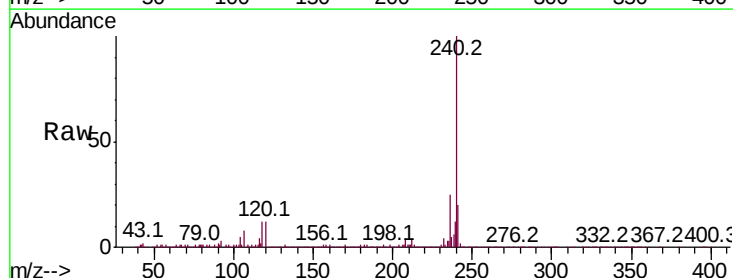
Tgt Ion:240 Resp: 505089

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.6

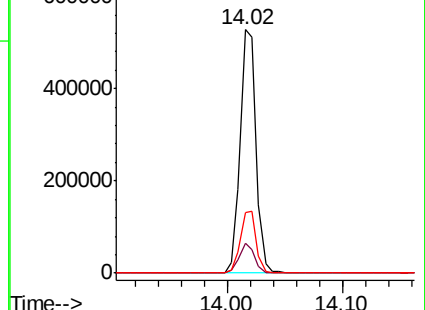
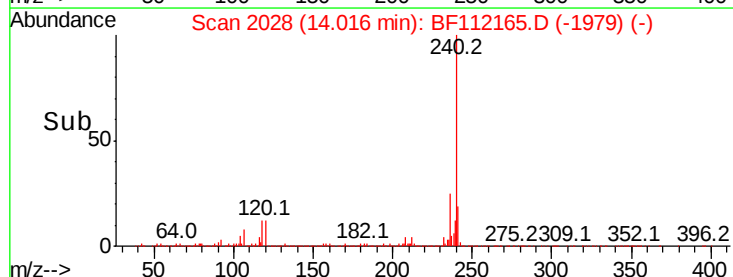
236 25.1 20.7 31.1

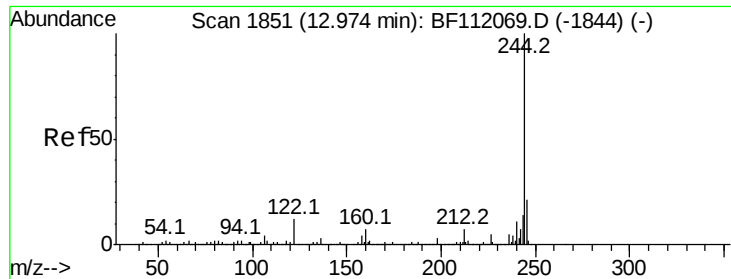


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

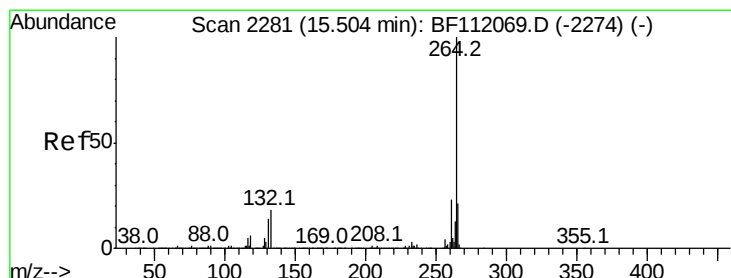
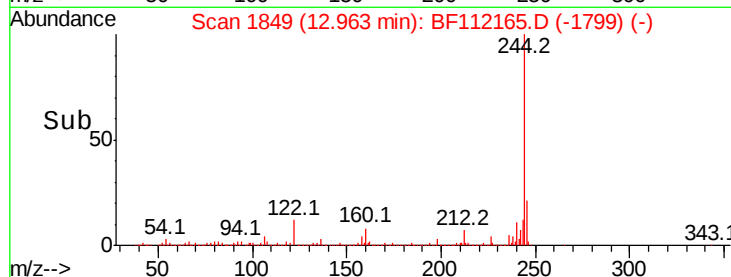
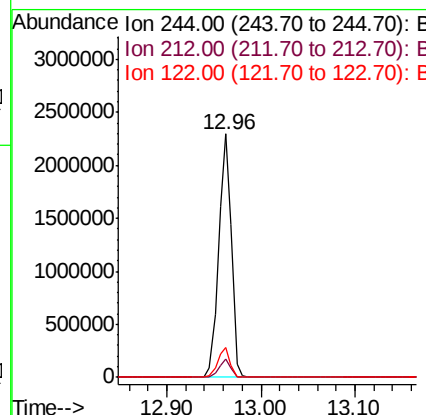
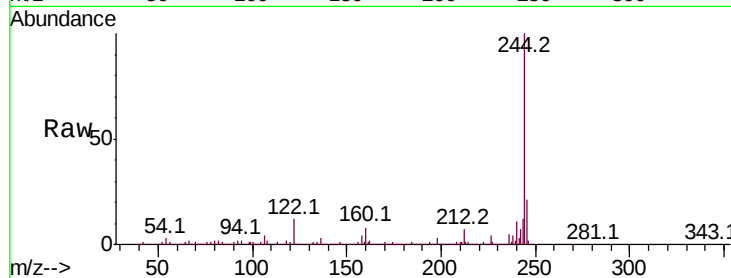




#79
 Terphenyl-d14
 Concen: 92.447 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112165.D
 Acq: 21 Jan 2019 18:16

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011819-D

Tot Ion:244 Resp: 2194899
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.4 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF112165.D
 Acq: 21 Jan 2019 18:16

Tgt Ion:264 Resp: 372119
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 21.0 17.0 25.4

