

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112185.D
 Acq On : 22 Jan 2019 10:23
 Operator : JU/SJ
 Sample : K1013-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-B

Quant Time: Jan 22 12:29:14 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	6.85	152	233655	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	795828	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	319532	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	559908	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	519658	20.00	ng	-0.01
87) Perylene-d12	15.49	264	379708	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1462772	113.63	ng	0.00
7) Phenol-d6	6.50	99	1565897	97.22	ng	0.00
23) Nitrobenzene-d5	7.42	82	1210897	105.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	467467	135.61	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2198115	100.86	ng	0.00
79) Terphenyl-d14	12.96	244	2192163	89.74	ng	-0.01

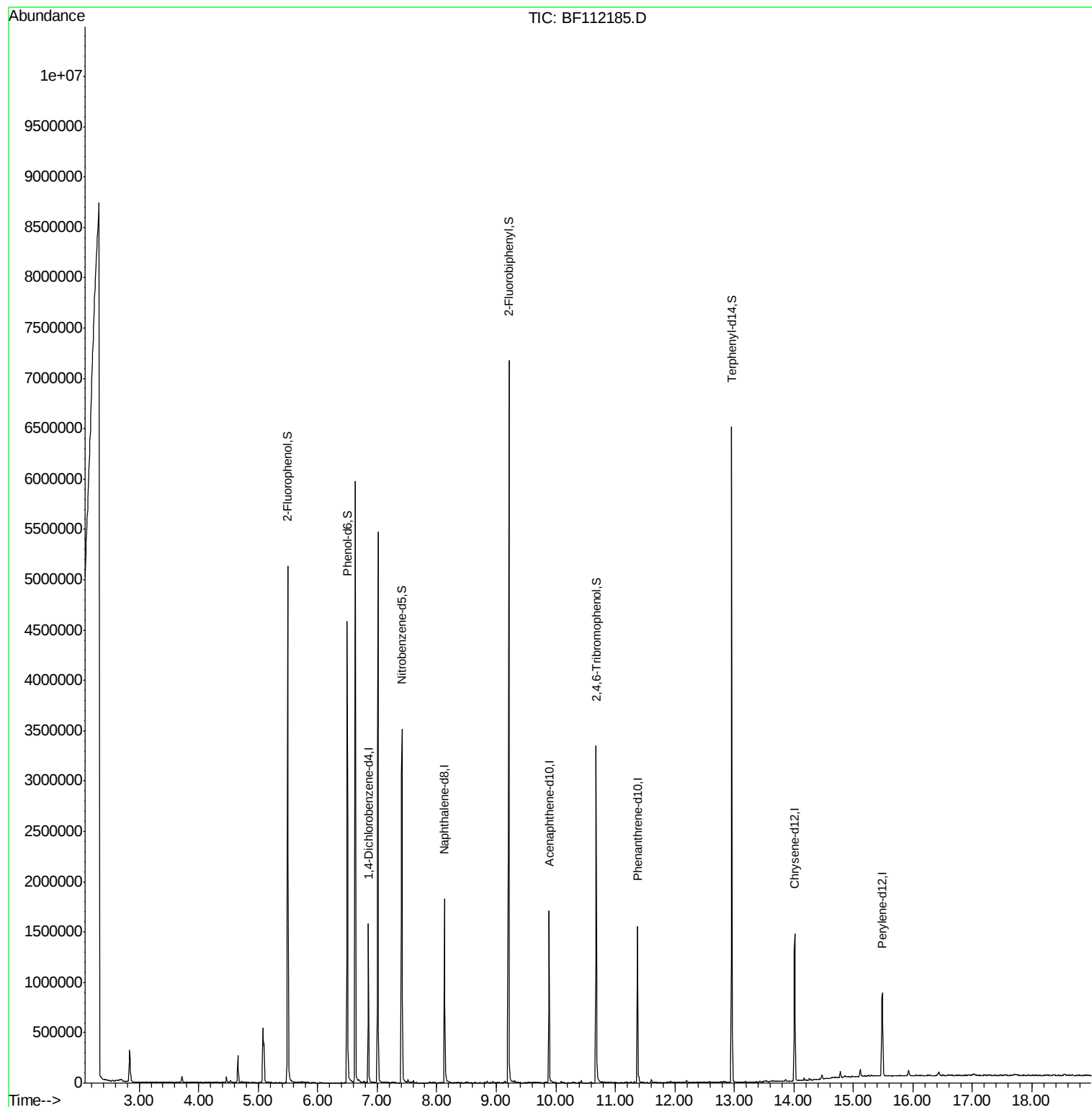
Target Compounds Qvalue

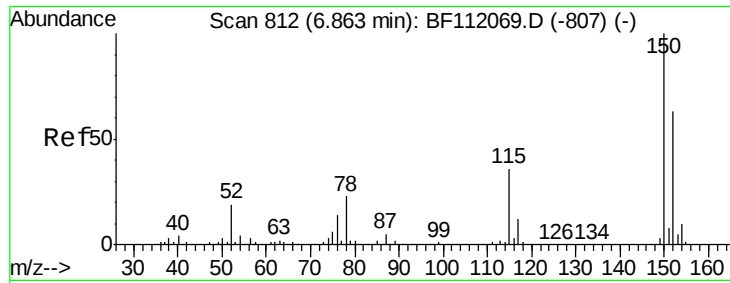
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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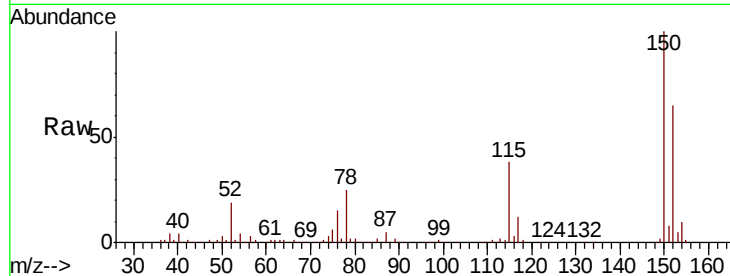


#1

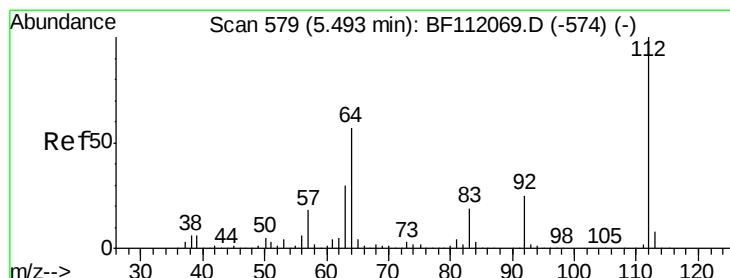
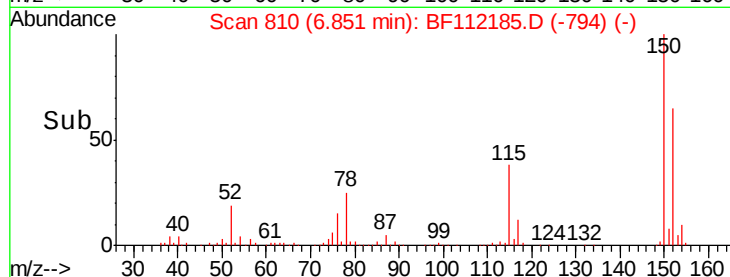
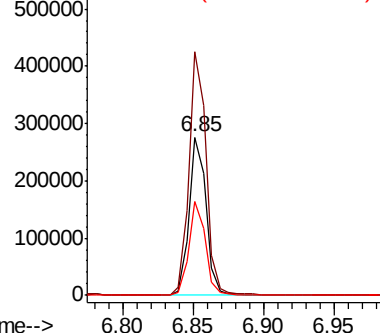
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-B

Tot Ion:152 Resp: 233655
Ion Ratio Lower Upper
152 100
150 154.3 127.4 191.0
115 59.2 45.5 68.3



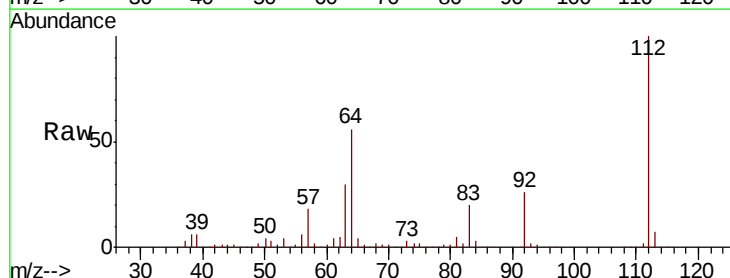
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



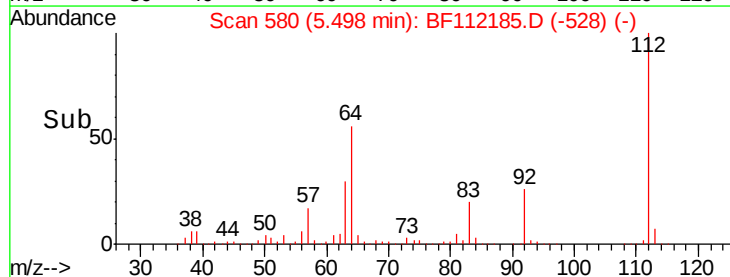
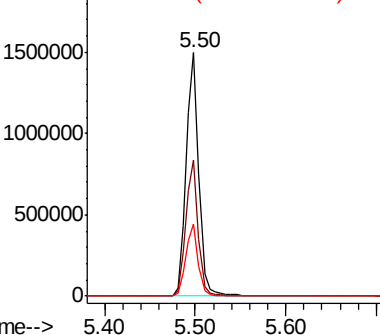
#5

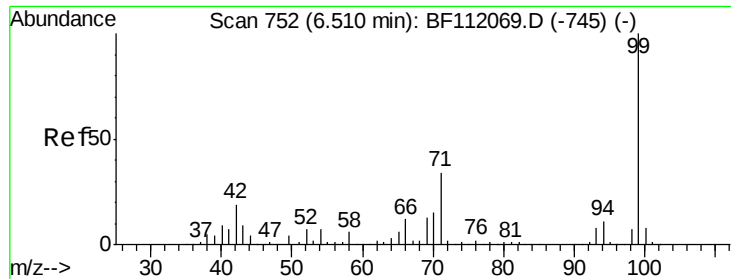
2-Fluorophenol
Concen: 113.628 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:112 Resp: 1462772
Ion Ratio Lower Upper
112 100
64 55.9 45.7 68.5
63 29.5 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: 97.222 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112185.D

Acq: 22 Jan 2019 10:23

Instrument :

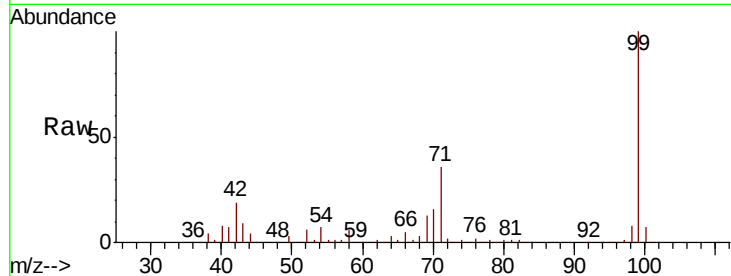
BNA_F

ClientSampleId :

PL-01-011819-B

Tot Ion: 99 Resp: 1565897

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	36.1	26.9	40.3

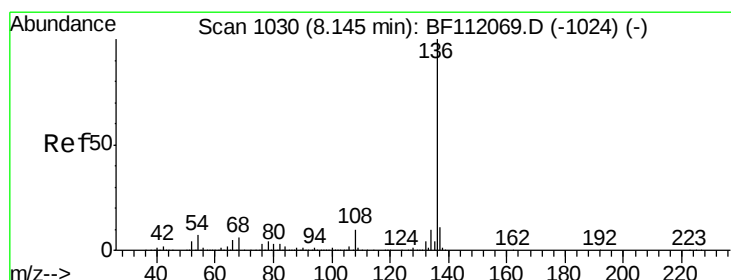
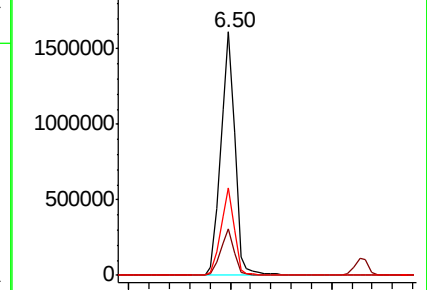
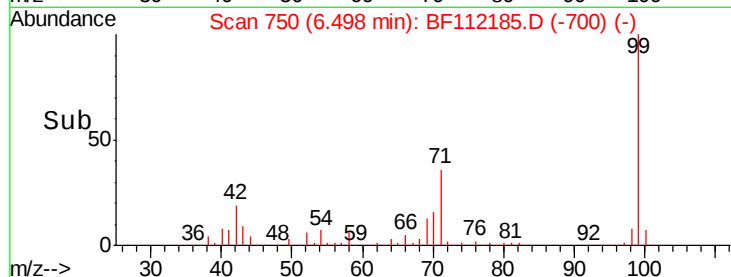


Abundance

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

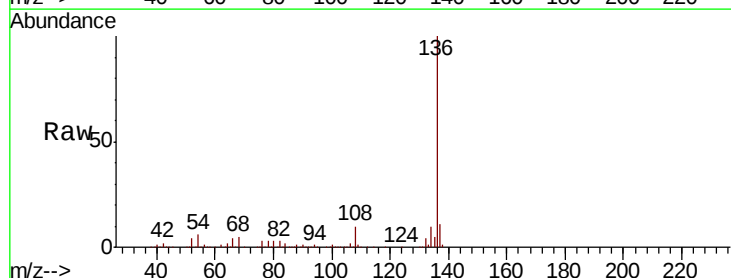
Delta R.T. -0.01 min

Lab File: BF112185.D

Acq: 22 Jan 2019 10:23

Tgt Ion: 136 Resp: 795828

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.3	5.9	8.9
68	5.1	5.1	7.7#



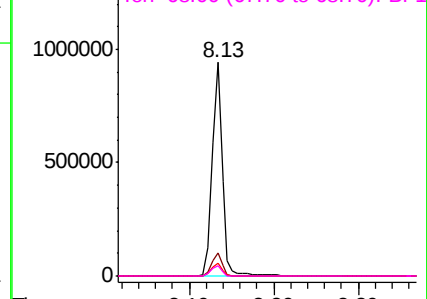
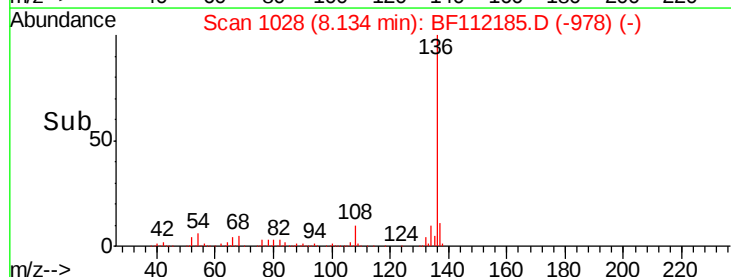
Abundance

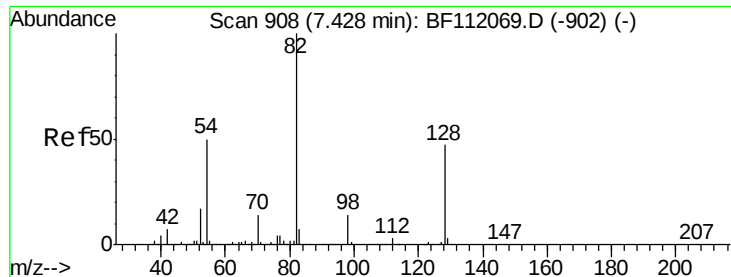
Ion 136.00 (135.70 to 136.70): E

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

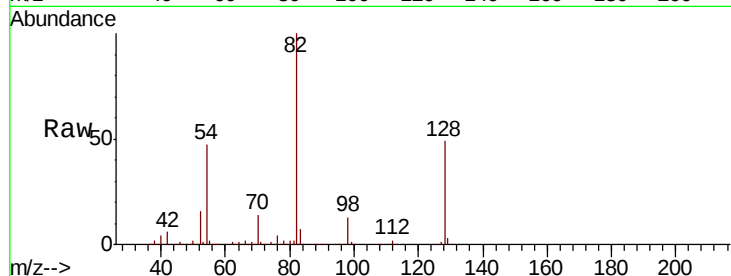




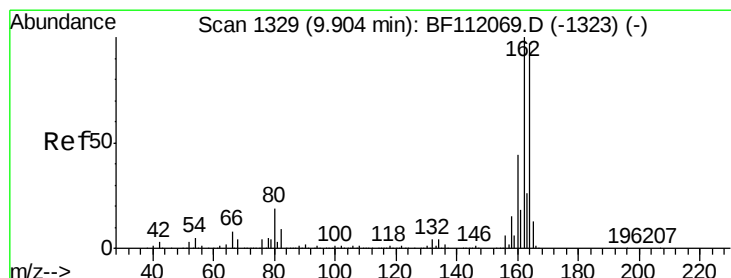
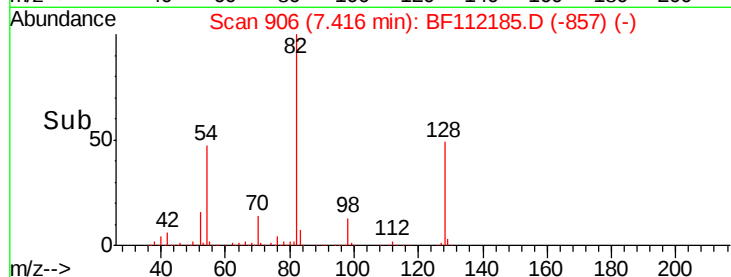
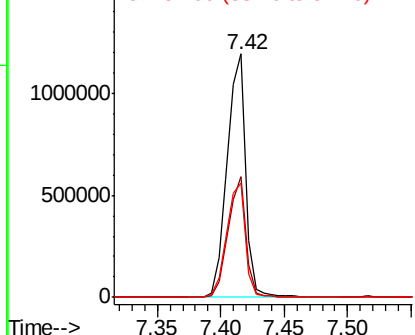
#23
Nitrobenzene-d5
Concen: 105.123 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-B

Tot Ion: 82 Resp: 1210897
Ion Ratio Lower Upper
82 100
128 49.5 37.8 56.8
54 47.1 39.7 59.5

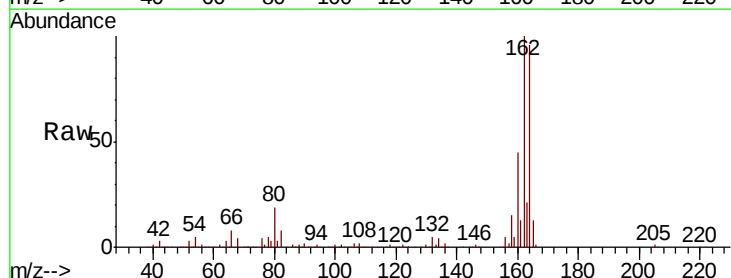


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

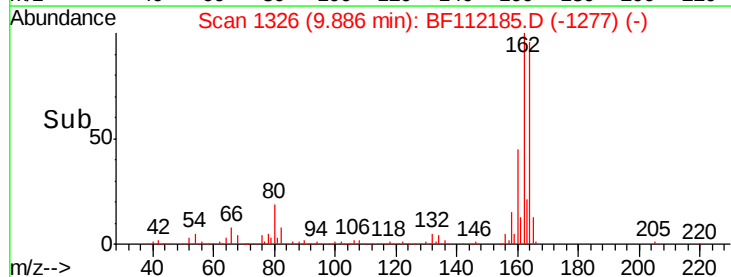
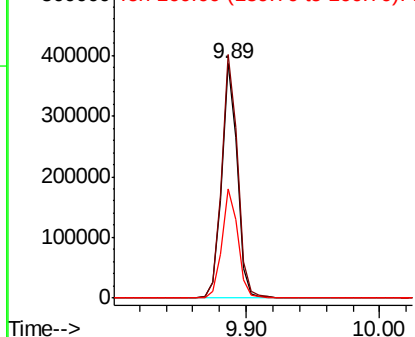


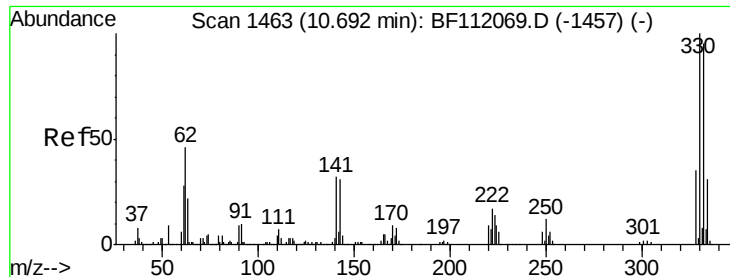
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:164 Resp: 319532
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.4
160 46.6 36.2 54.4



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

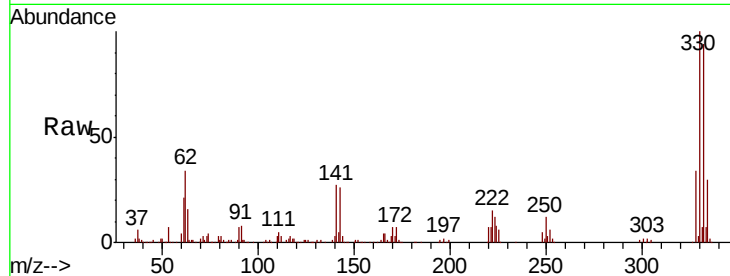




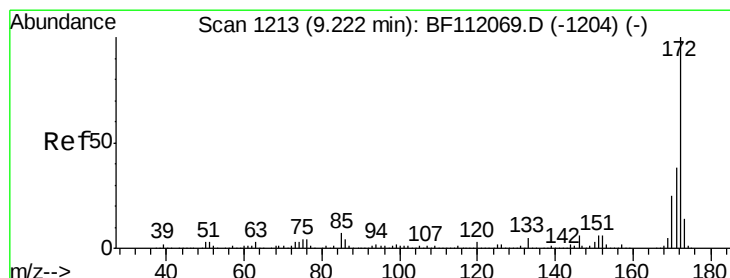
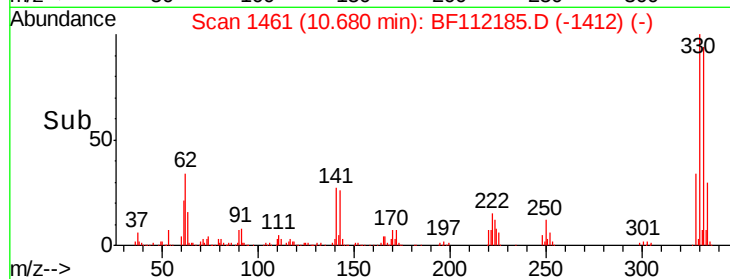
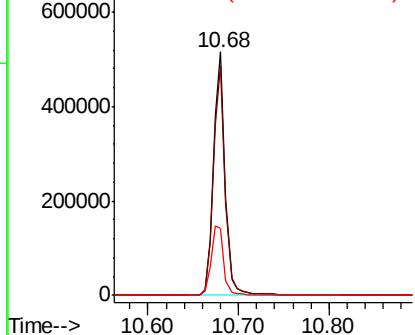
#42
 2,4,6-Tribromophenol
 Concen: 135.614 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112185.D
 Acq: 22 Jan 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	114.8
141	31.3	24.3	36.5

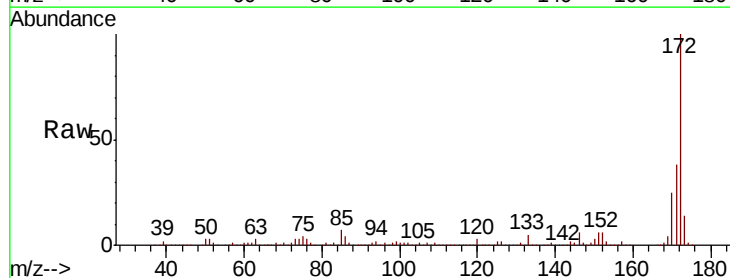


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

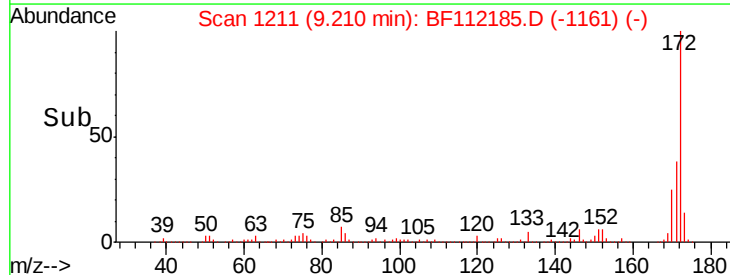
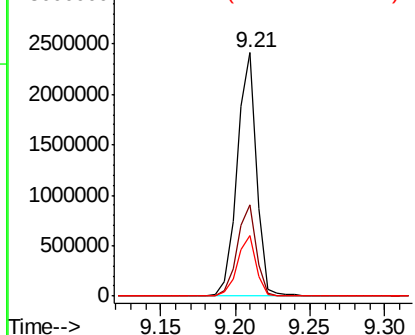


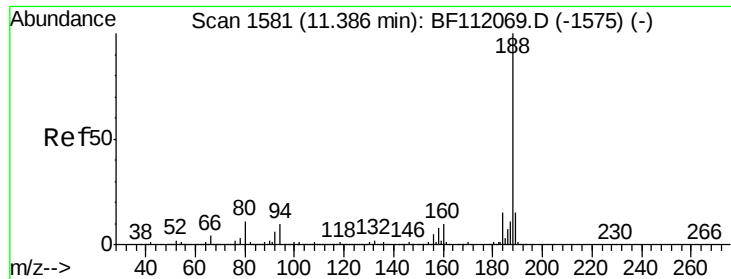
#45
 2-Fluorobiphenyl
 Concen: 100.856 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112185.D
 Acq: 22 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.0	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

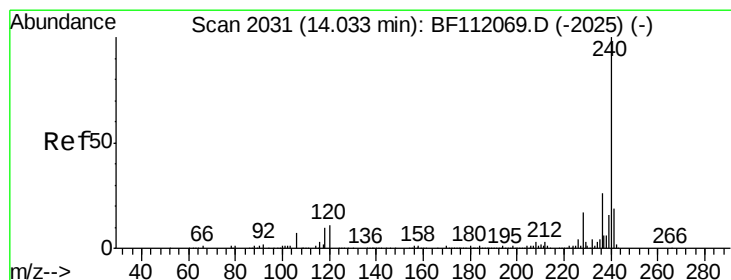
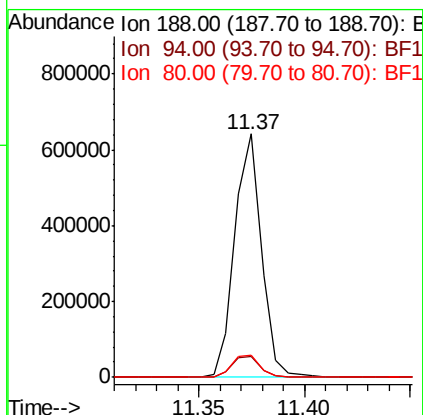
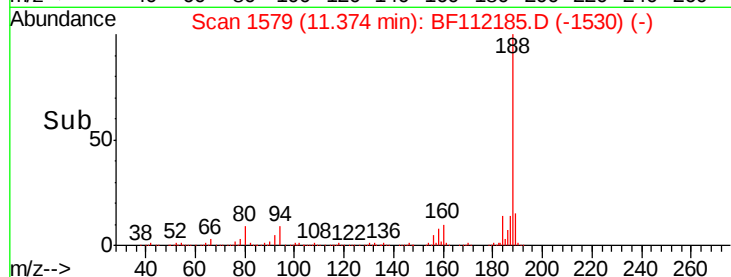
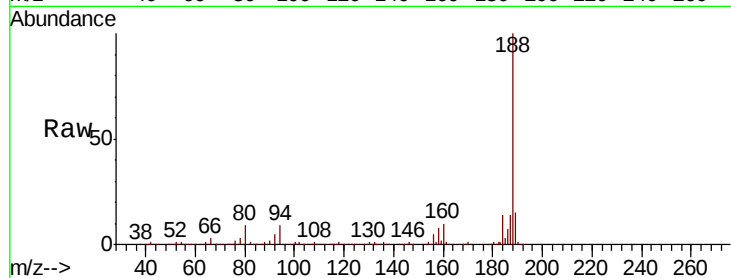




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

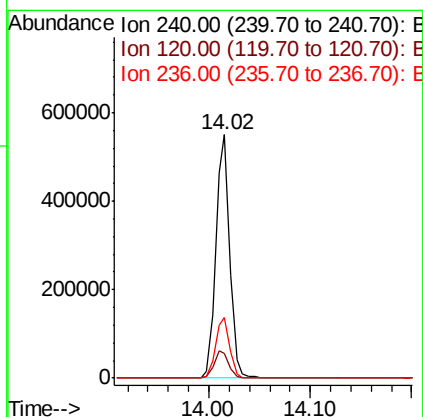
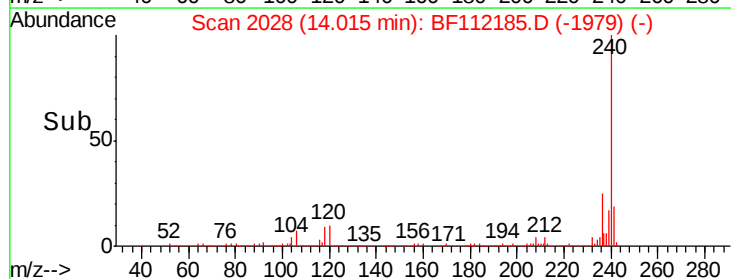
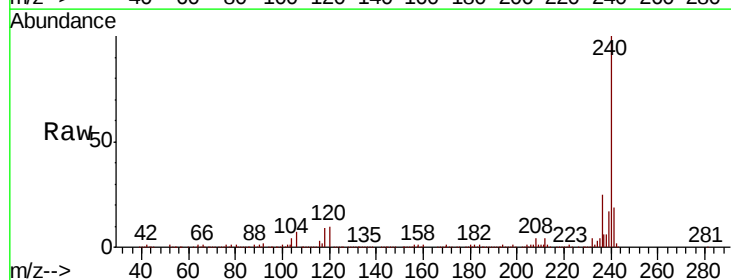
Instrument :
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PL-01-011819-B

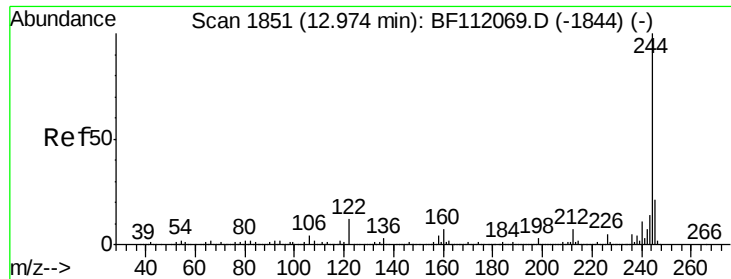
Tot Ion:188 Resp: 559908
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 8.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112185.D
Acq: 22 Jan 2019 10:23

Tgt Ion:240 Resp: 519658
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.6
236 24.7 20.7 31.1





#79

Terphenyl-d14

Concen: 89.743 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112185.D

Acq: 22 Jan 2019 10:23

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-B

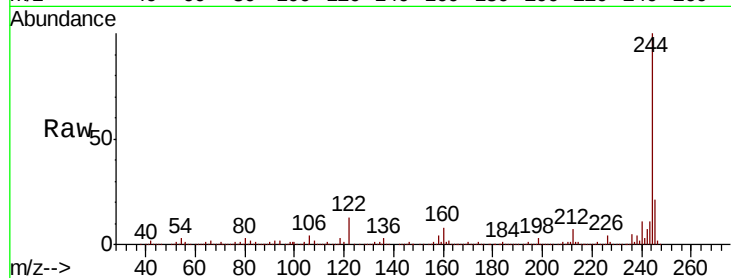
Tot Ion:244 Resp: 2192163

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

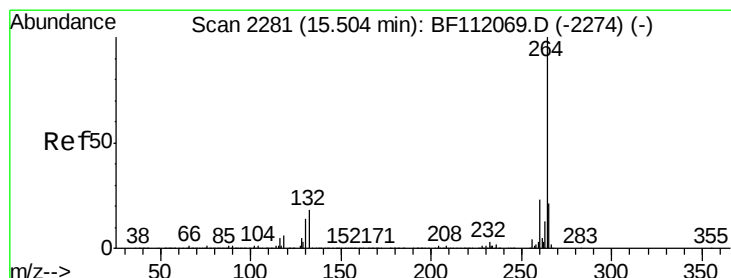
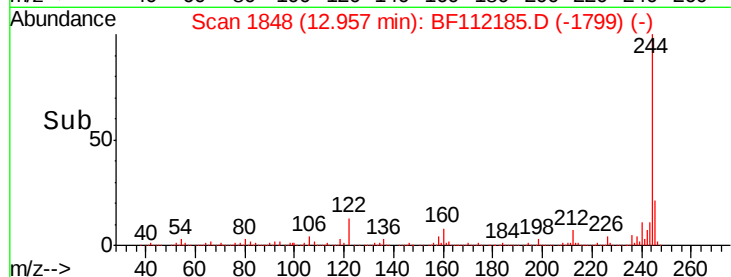
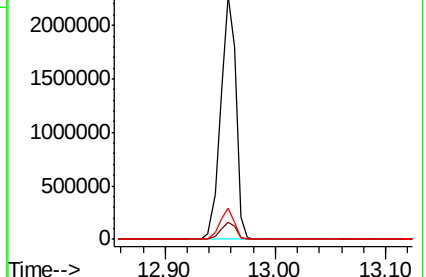
122 12.8 9.8 14.6



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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF112185.D

Acq: 22 Jan 2019 10:23

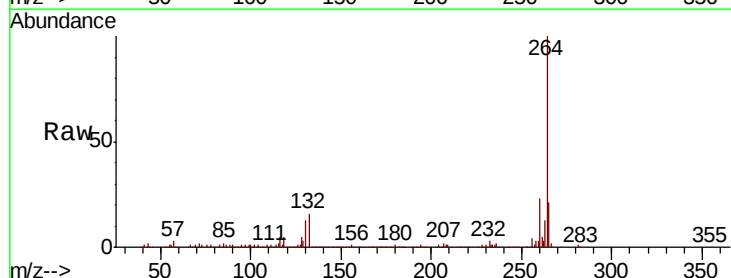
Tgt Ion:264 Resp: 379708

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 21.2 17.0 25.4



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

