

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112184.D
 Acq On : 22 Jan 2019 9:56
 Operator : JU/SJ
 Sample : K1013-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 22 10:28:15 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	233685	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	807607	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	314485	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	556954	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	528661	20.00	ng	-0.01
87) Perylene-d12	15.49	264	373019	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1374482	106.76	ng	0.00
7) Phenol-d6	6.50	99	1440516	89.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	1160029	99.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	421587	124.27	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2113104	98.51	ng	0.00
79) Terphenyl-d14	12.96	244	2133107	85.84	ng	-0.01

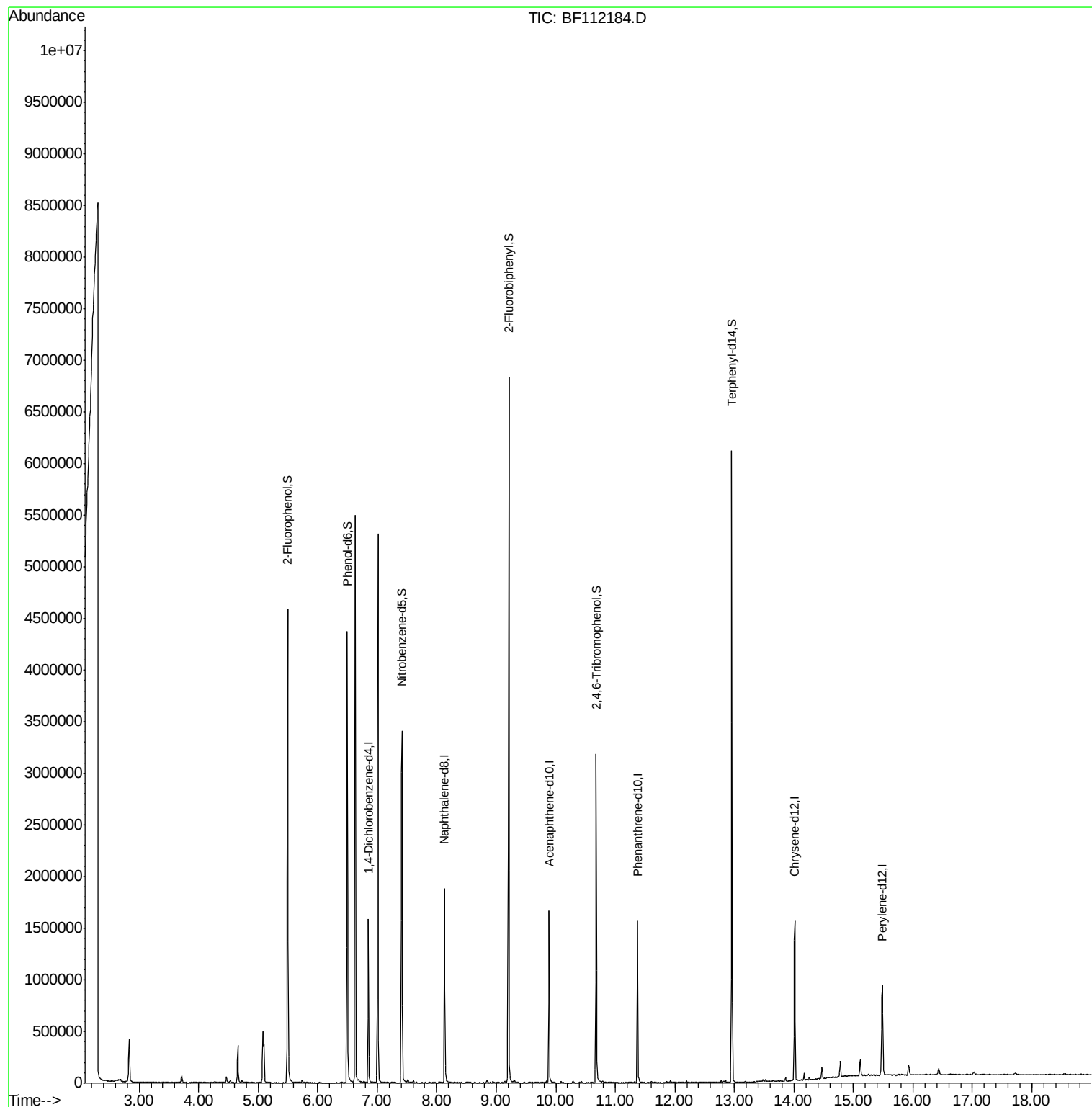
Target Compounds Qvalue

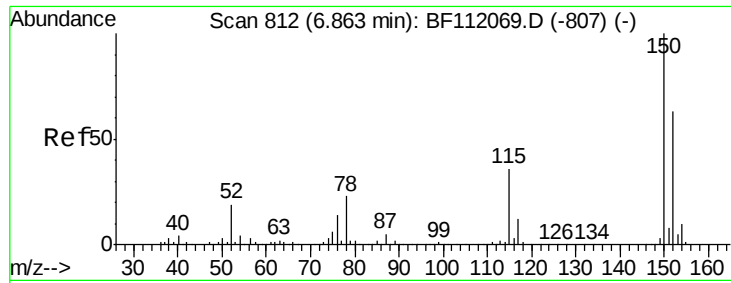
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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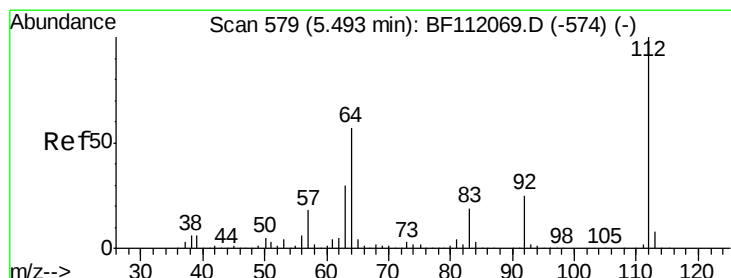
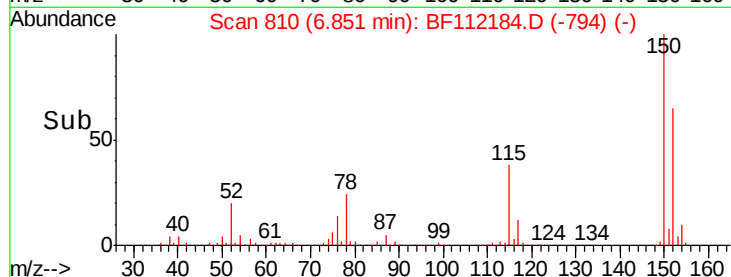
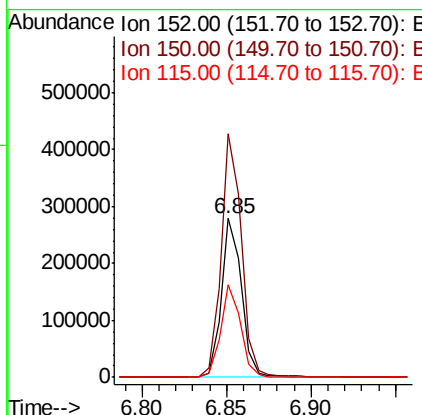
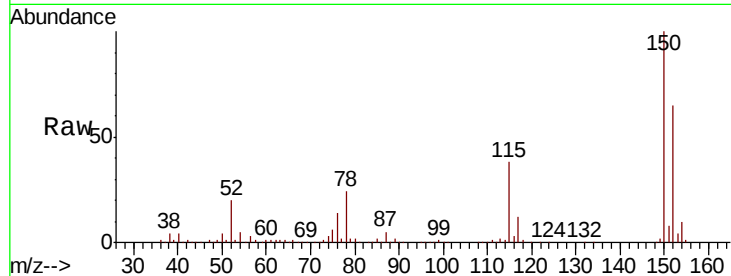


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

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

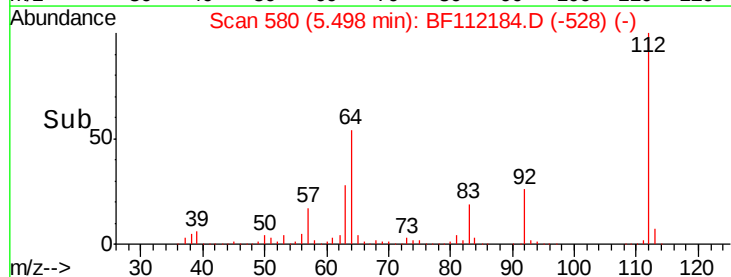
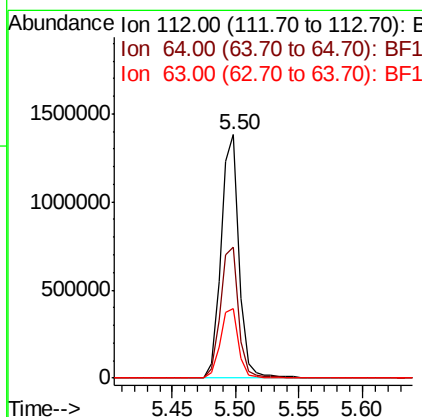
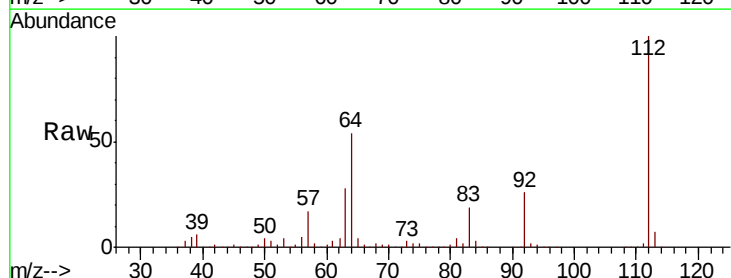
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	127.4	191.0
115	57.9	45.5	68.3

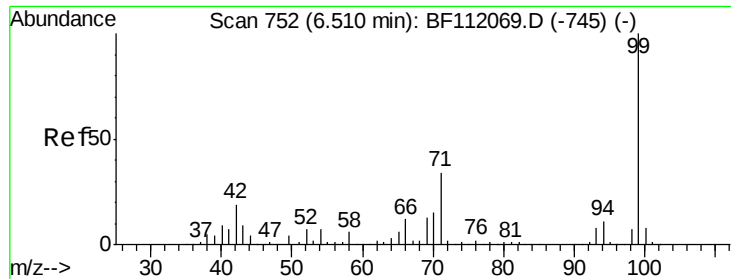


#5

2-Fluorophenol
Concen: 106.756 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.7	68.5
63	28.3	23.6	35.4





#7

Phenol-d6

Concen: 89.426 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

Instrument :

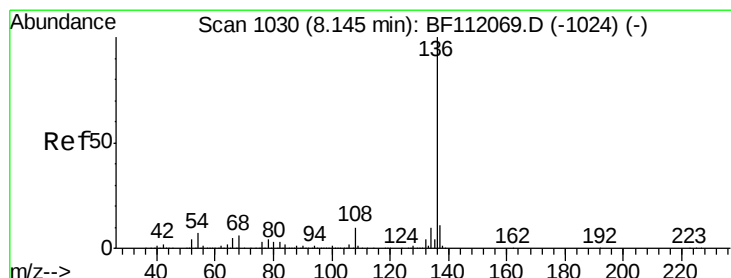
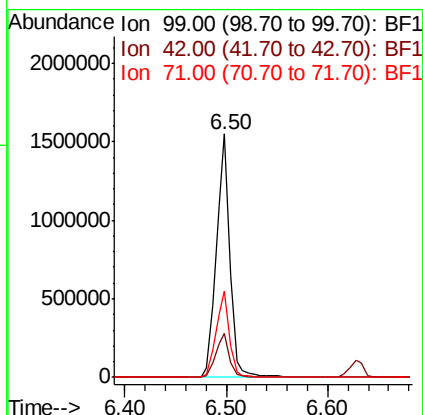
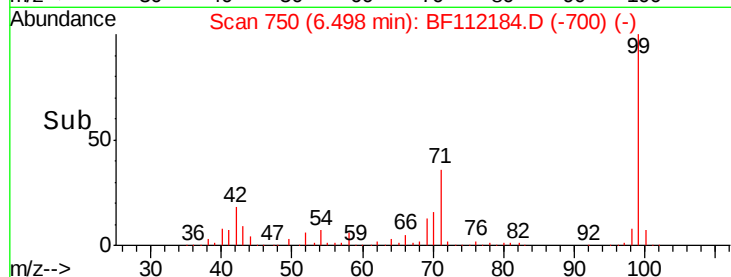
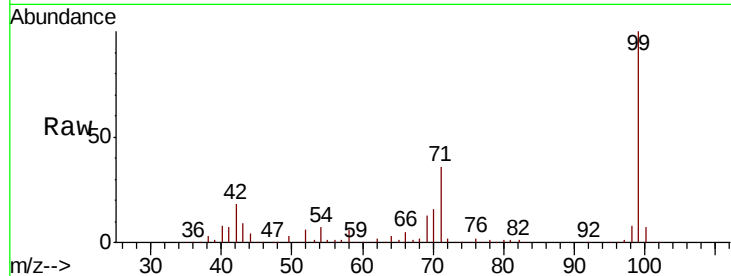
BNA_F

ClientSampleId :

PL-01-011819-A

Tot Ion: 99 Resp: 1440516

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	35.6	26.9	40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

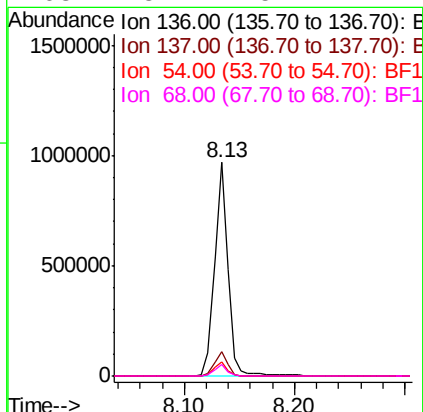
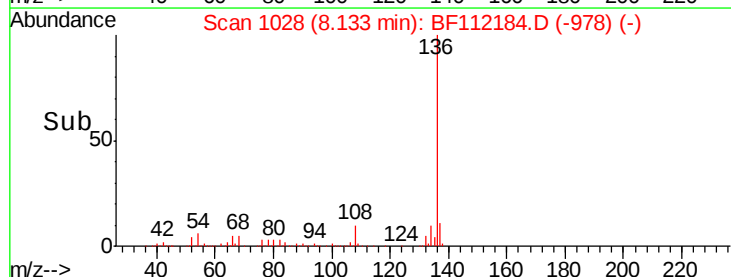
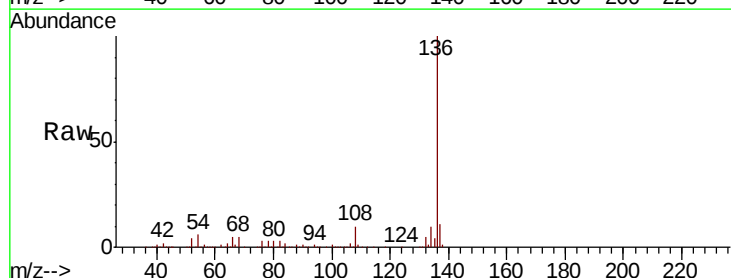
Delta R.T. -0.01 min

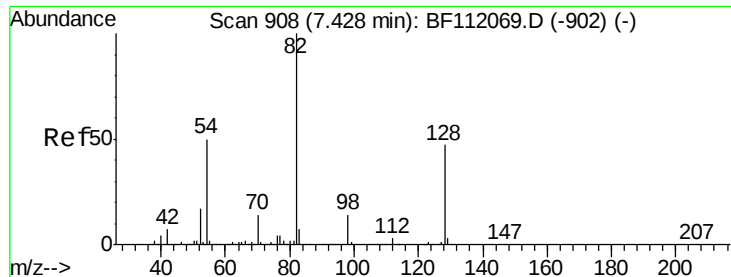
Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

Tgt Ion: 136 Resp: 807607

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.3	5.9	8.9
68	5.2	5.1	7.7

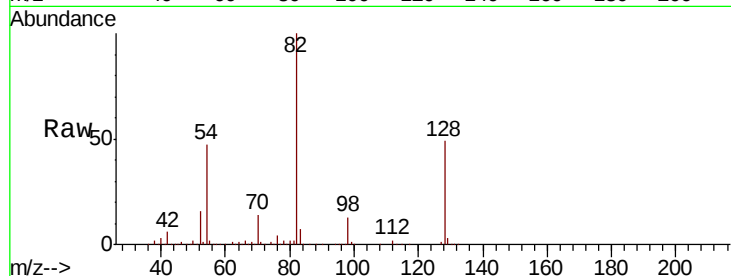




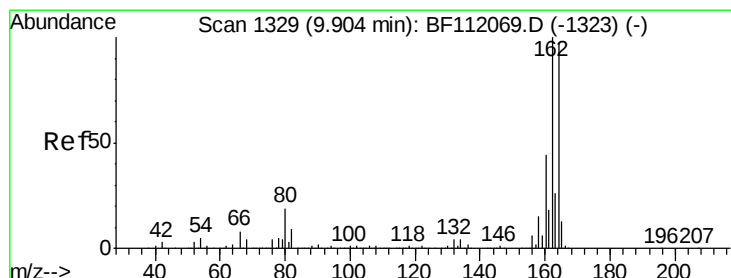
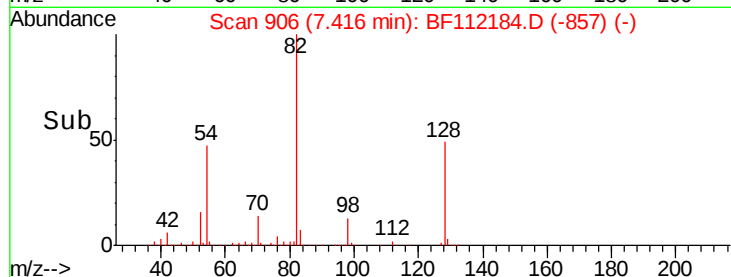
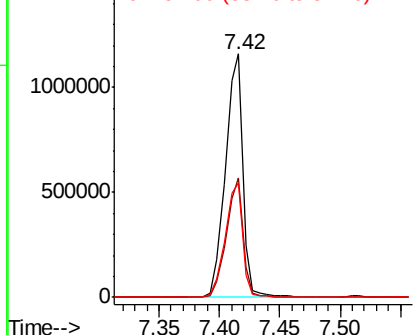
#23
Nitrobenzene-d5
Concen: 99.238 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

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

Tot Ion: 82 Resp: 1160029
Ion Ratio Lower Upper
82 100
128 48.8 37.8 56.8
54 46.9 39.7 59.5

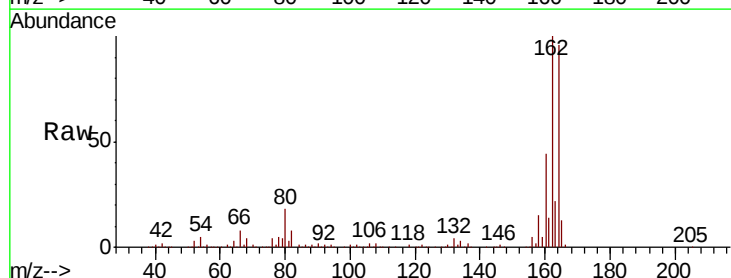


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

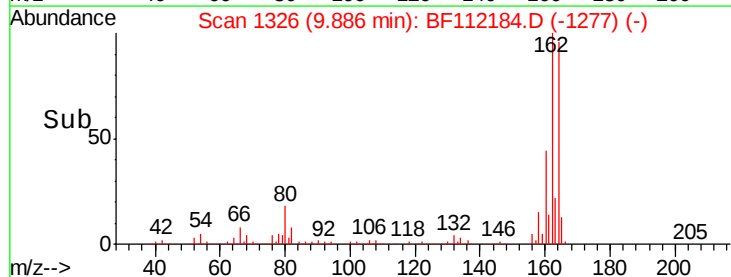
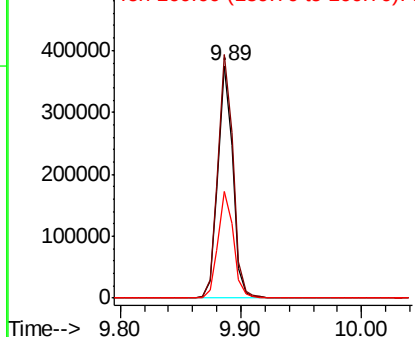


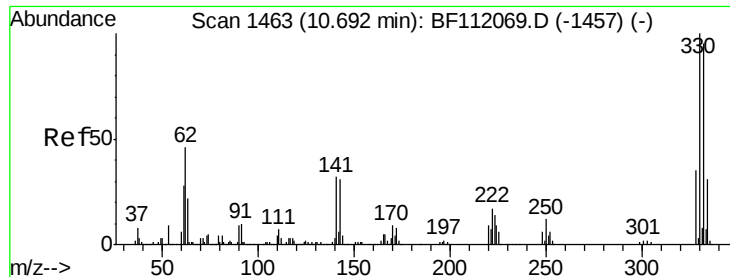
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Tgt Ion: 164 Resp: 314485
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.4
160 46.0 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

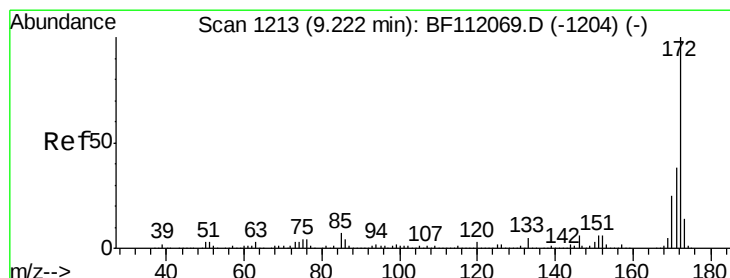
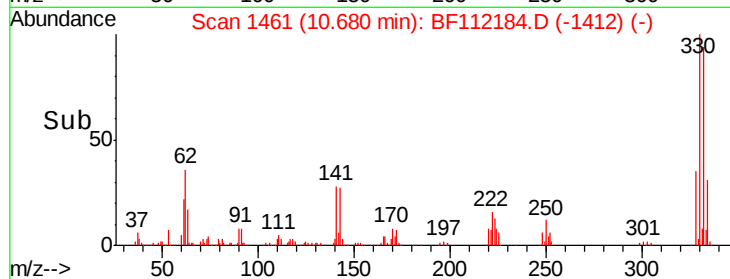
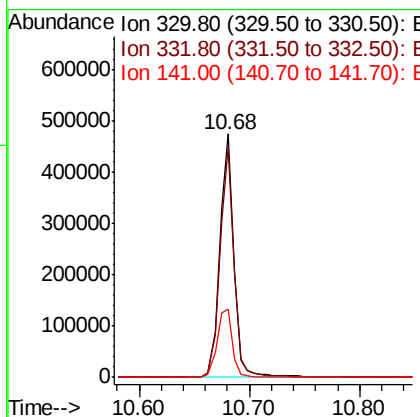
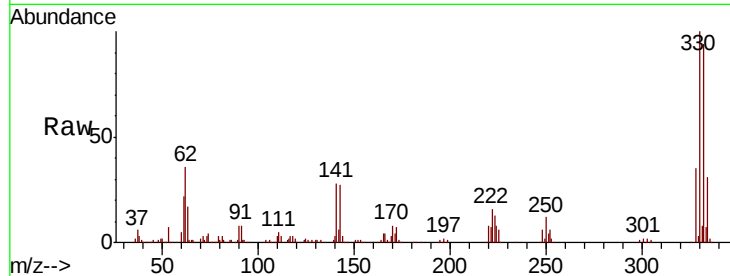




#42
 2,4,6-Tribromophenol
 Concen: 124.267 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112184.D
 Acq: 22 Jan 2019 9:56

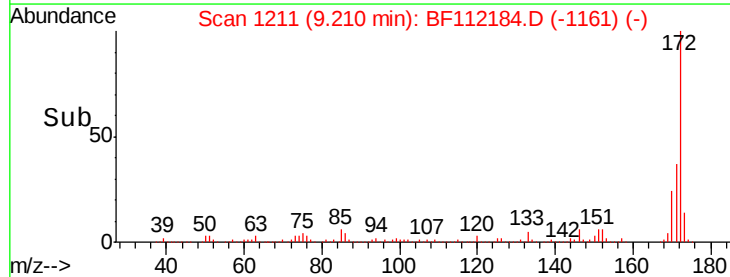
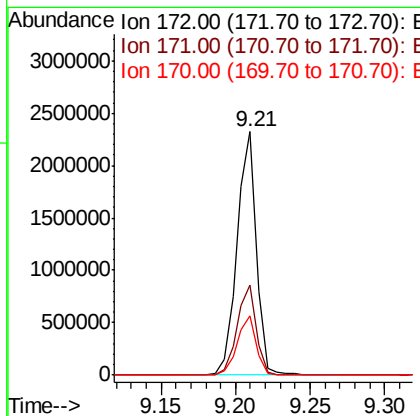
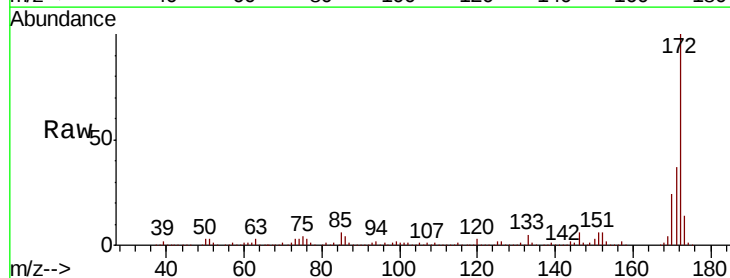
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 PL-01-011819-A

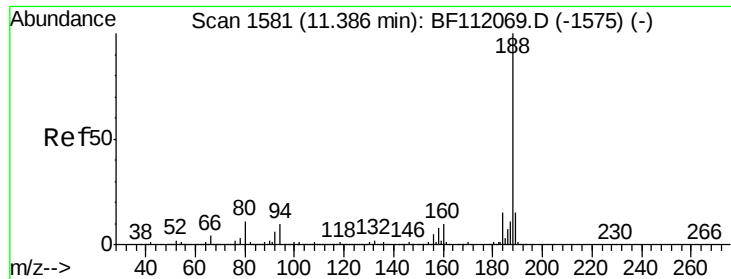
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	31.1	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 98.512 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112184.D
 Acq: 22 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.3	20.2	30.4

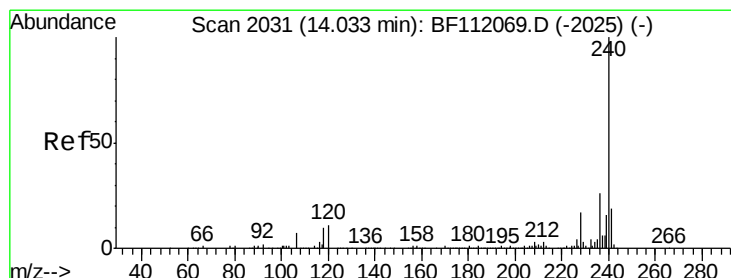
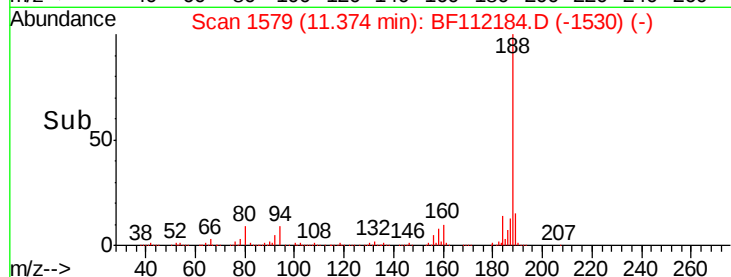
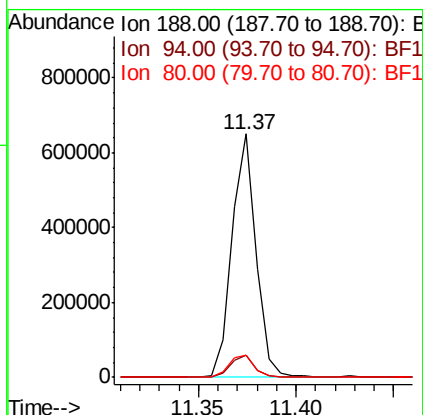
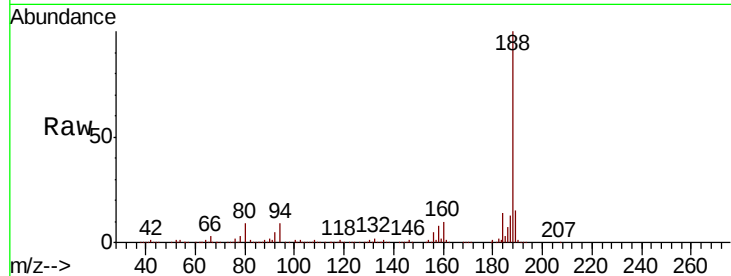




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

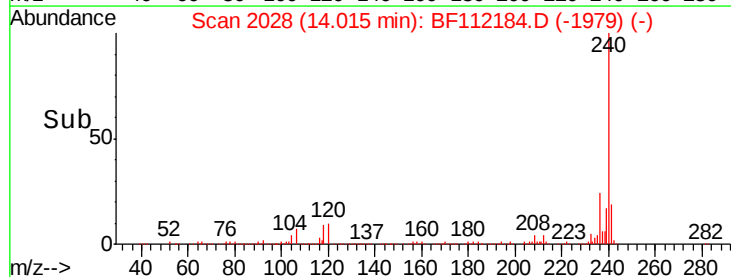
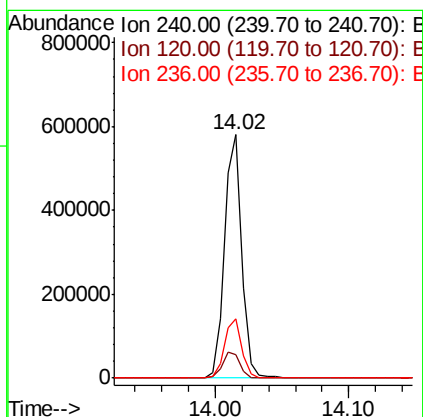
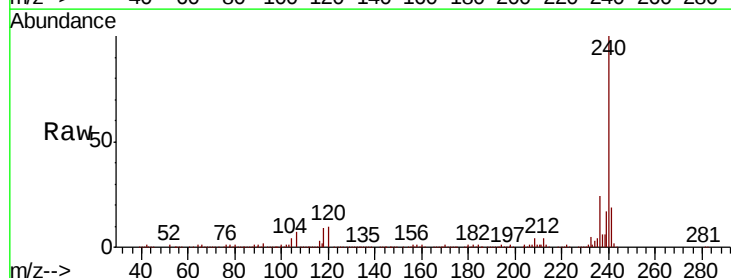
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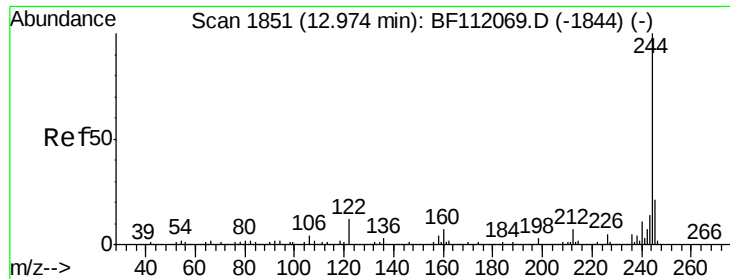
Tot Ion:188 Resp: 556954
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Tgt Ion:240 Resp: 528661
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 24.3 20.7 31.1



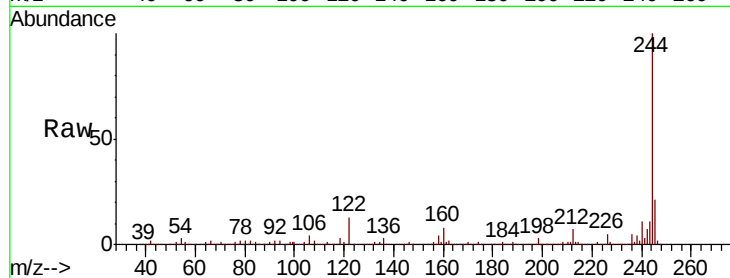


#79
 Terphenyl-d14
 Concen: 85.838 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF112184.D
 Acq: 22 Jan 2019 9:56

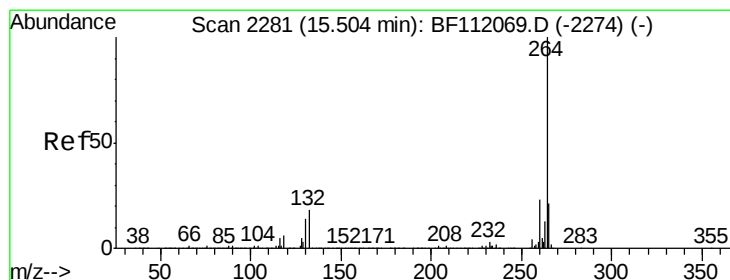
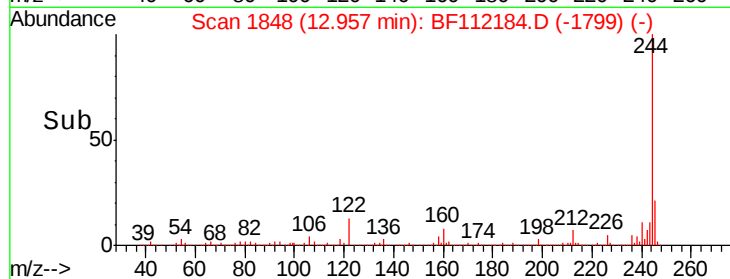
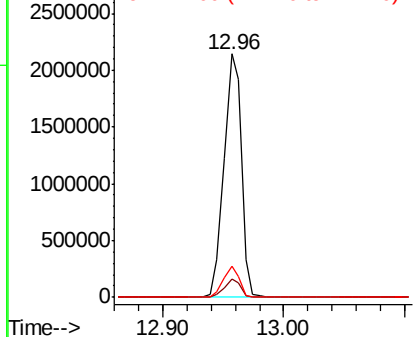
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-A

Tot Ion:244 Resp: 2133107

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	12.6	9.8	14.6



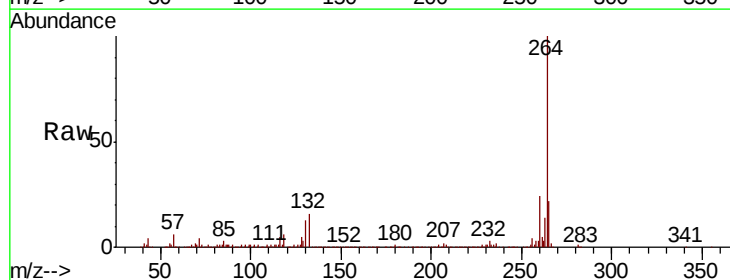
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF112184.D
 Acq: 22 Jan 2019 9:56

Tgt Ion:264 Resp: 373019

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.7	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

