

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112207.D
 Acq On : 24 Jan 2019 14:23
 Operator : JU/SJ
 Sample : PB116593BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116593BL

Quant Time: Jan 24 14:52:25 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	251758	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	996811	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	508516	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1056581	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	893564	20.00	ng	0.00
87) Perylene-d12	15.49	264	774234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1696799	122.33	ng	0.00
7) Phenol-d6	6.50	99	2143297	123.50	ng	0.00
23) Nitrobenzene-d5	7.42	82	1384106	95.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	758094	138.19	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2834543	81.72	ng	0.00
79) Terphenyl-d14	12.96	244	3151107	75.02	ng	0.00

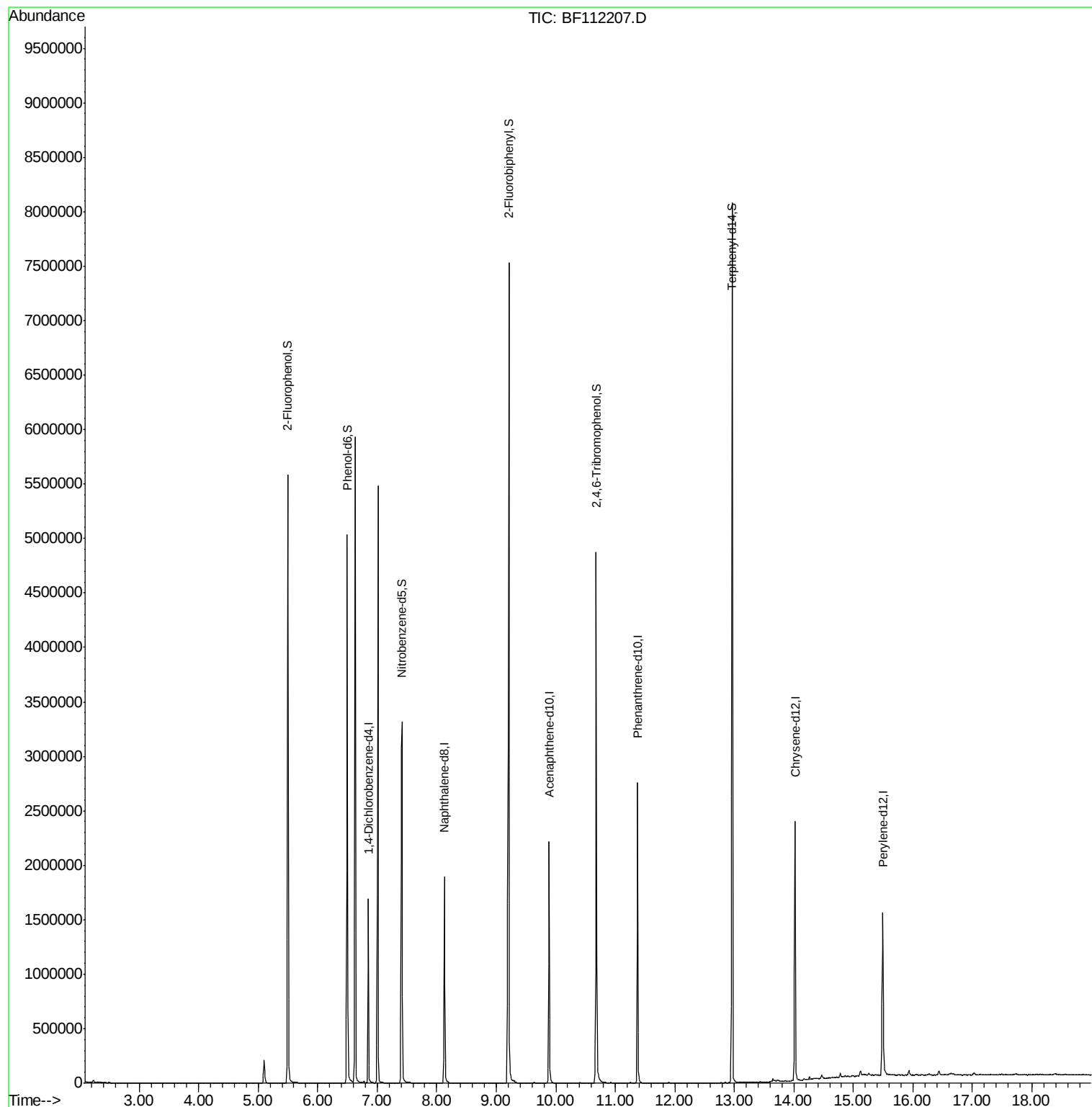
Target Compounds Qvalue

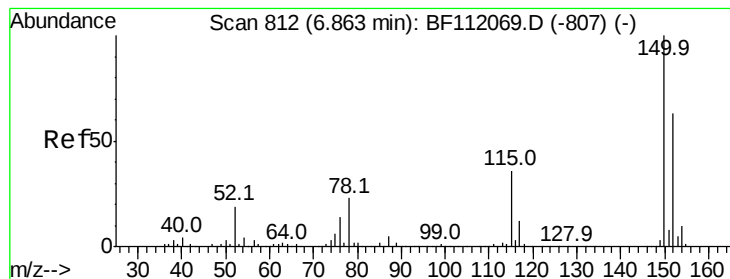
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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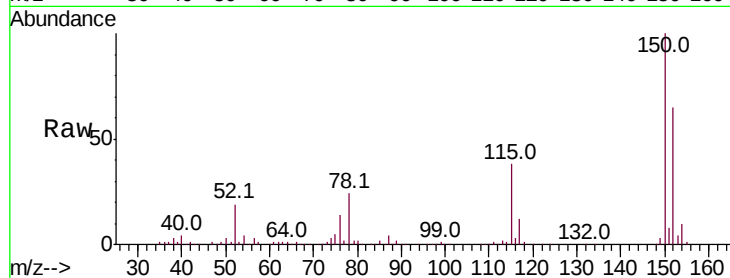


#1

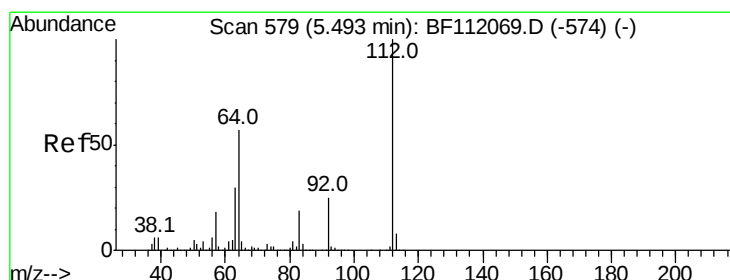
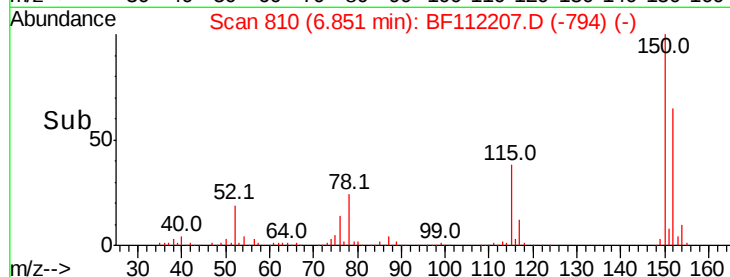
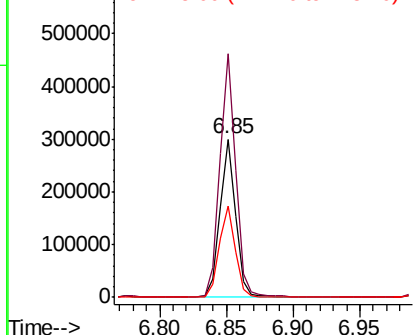
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :
PB116593BL

Tot Ion:152 Resp: 251758
Ion Ratio Lower Upper
152 100
150 153.7 127.4 191.0
115 57.8 45.5 68.3



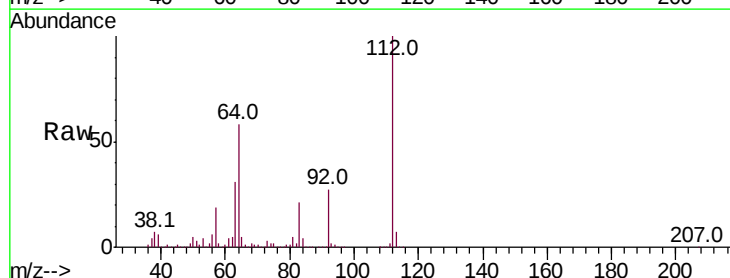
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



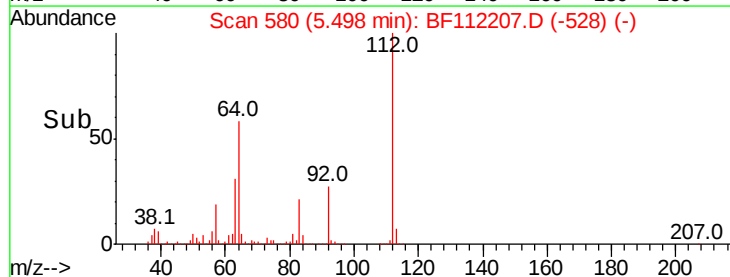
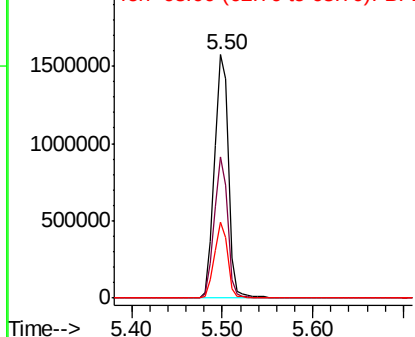
#5

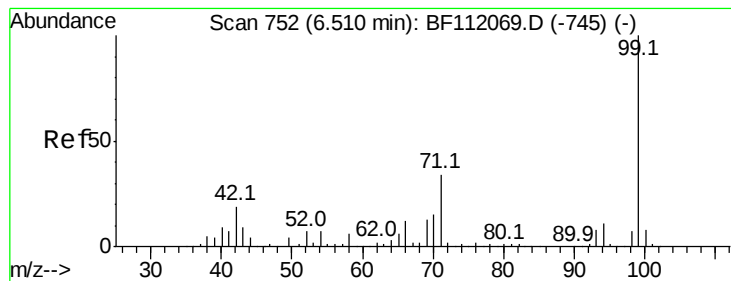
2-Fluorophenol
Concen: 122.330 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:112 Resp: 1696799
Ion Ratio Lower Upper
112 100
64 57.9 45.7 68.5
63 31.1 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: 123.502 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112207.D

Acq: 24 Jan 2019 14:23

Instrument :

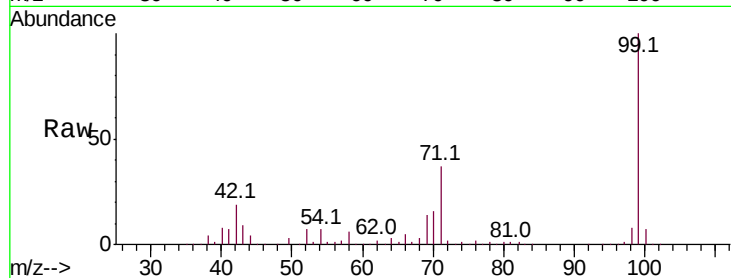
BNA_F

ClientSampleId :

PB116593BL

Tot Ion: 99 Resp: 2143297

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	37.3	26.9	40.3

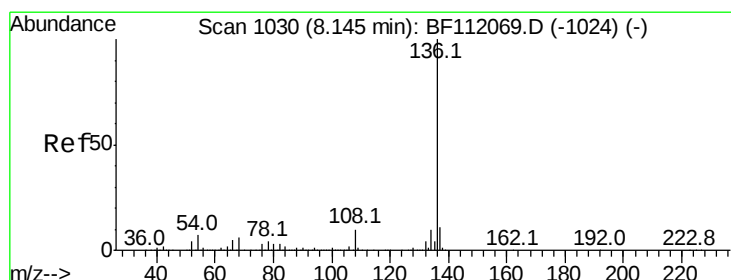
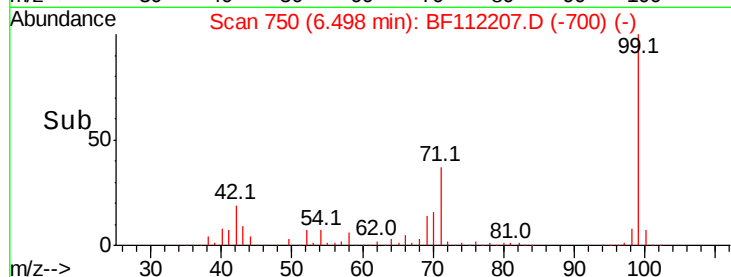


Abundance

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

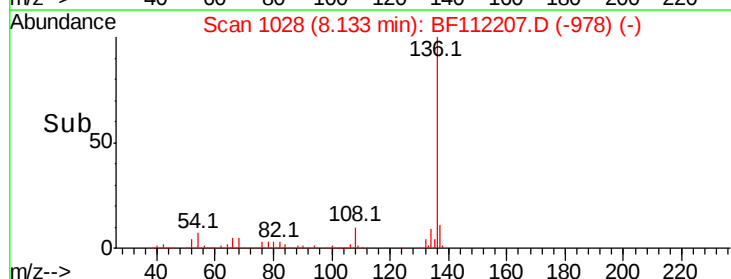
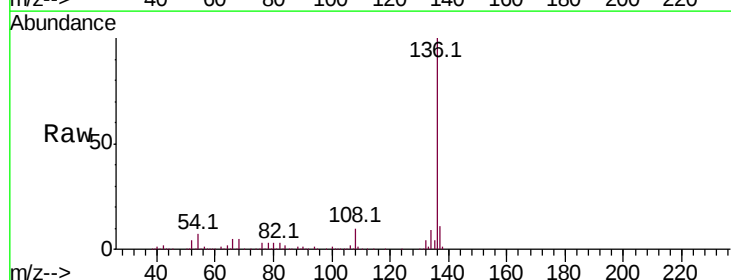
Delta R.T. -0.01 min

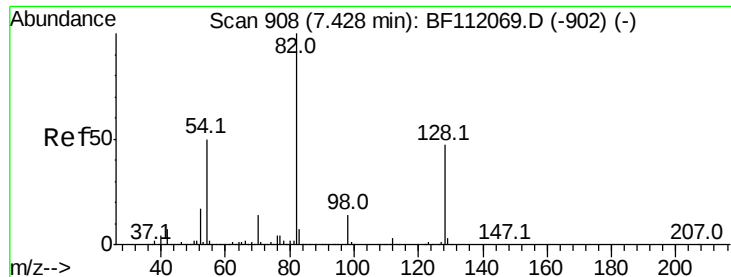
Lab File: BF112207.D

Acq: 24 Jan 2019 14:23

Tgt Ion:136 Resp: 996811

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	5.9	8.9
68	5.0	5.1	7.7#

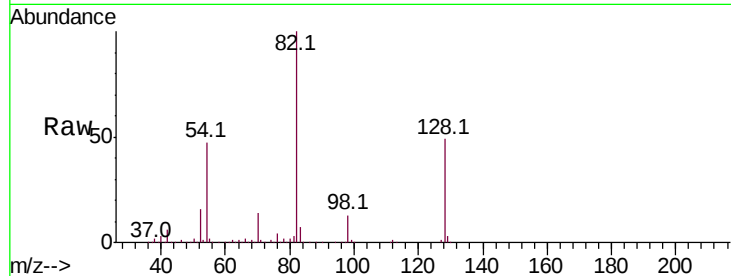




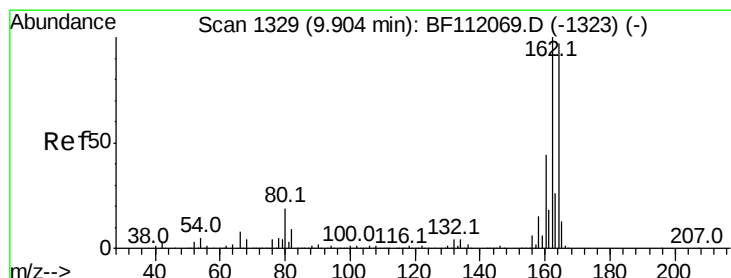
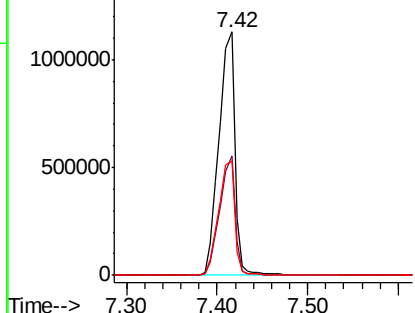
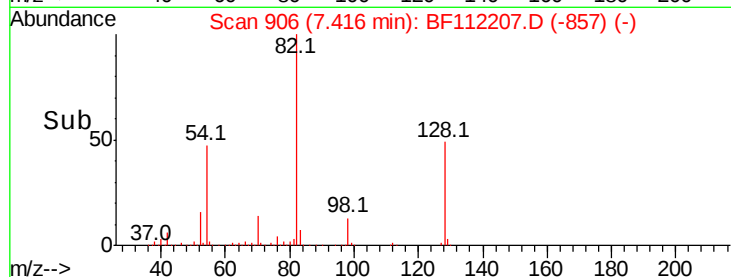
#23
Nitrobenzene-d5
Concen: 95.932 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :
PB116593BL

Tot Ion: 82 Resp: 1384106
Ion Ratio Lower Upper
82 100
128 49.0 37.8 56.8
54 47.1 39.7 59.5

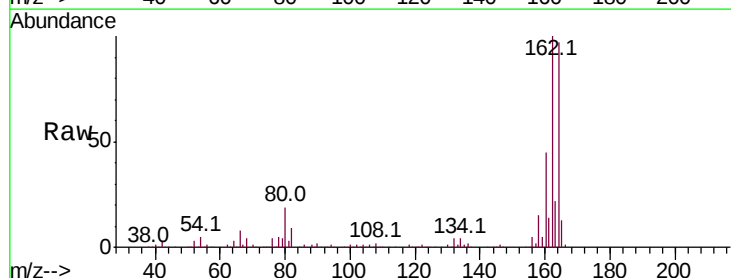


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

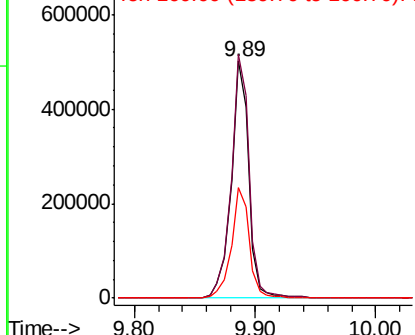
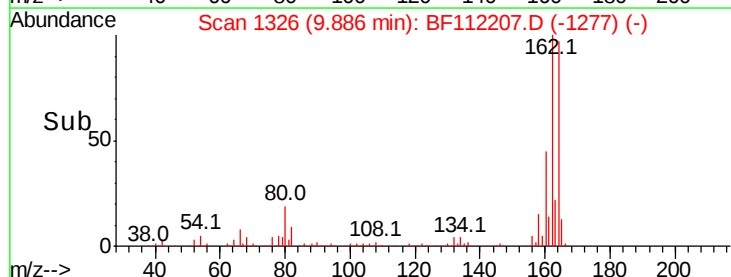


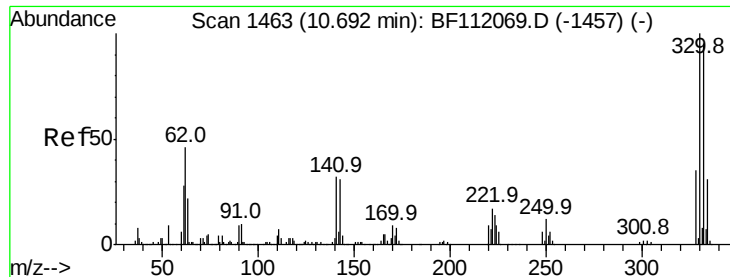
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:164 Resp: 508516
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.4
160 46.5 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

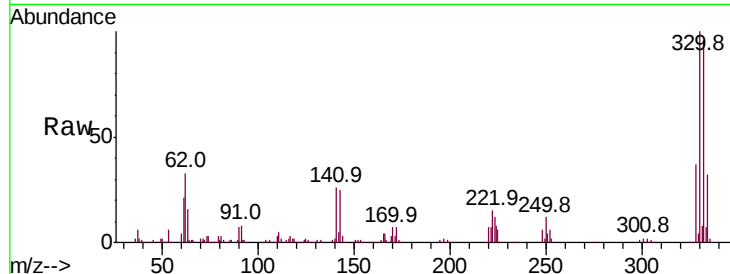




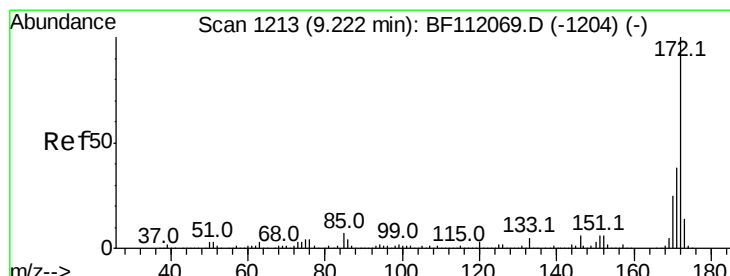
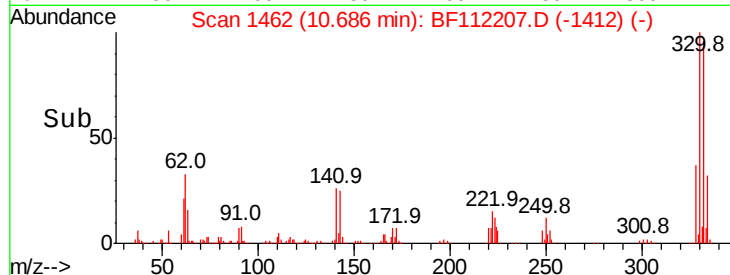
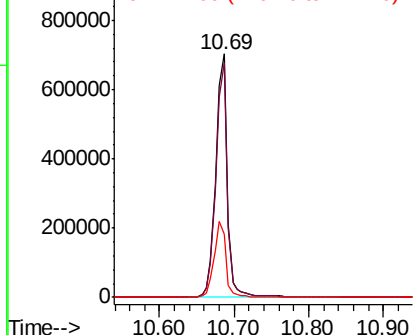
#42
 2,4,6-Tribromophenol
 Concen: 138.193 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112207.D
 Acq: 24 Jan 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB116593BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	32.0	24.3	36.5

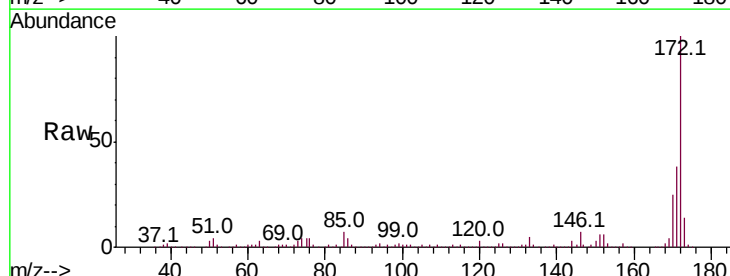


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

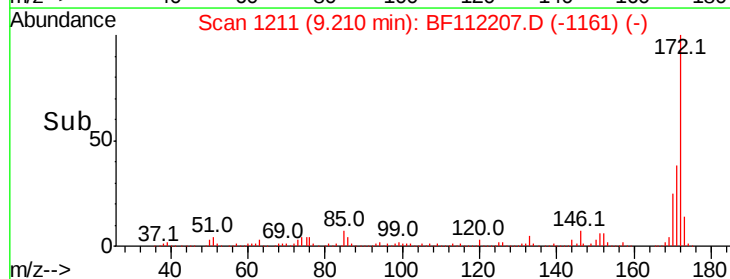
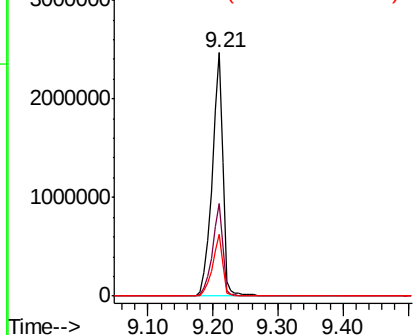


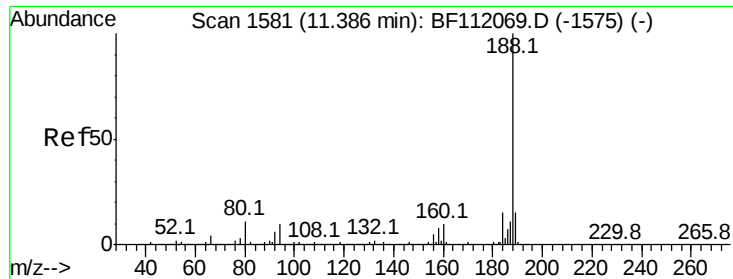
#45
 2-Fluorobiphenyl
 Concen: 81.723 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112207.D
 Acq: 24 Jan 2019 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.5	45.7
170	25.2	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

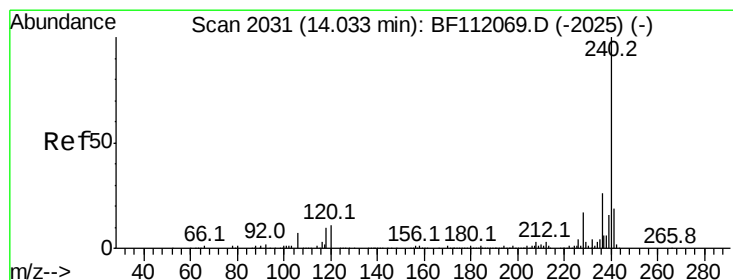
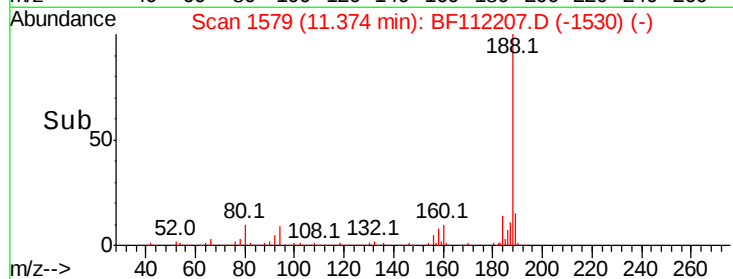
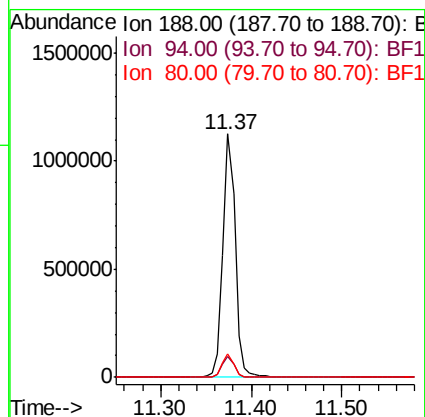
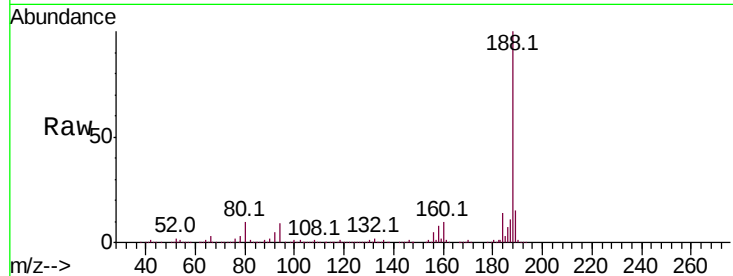




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

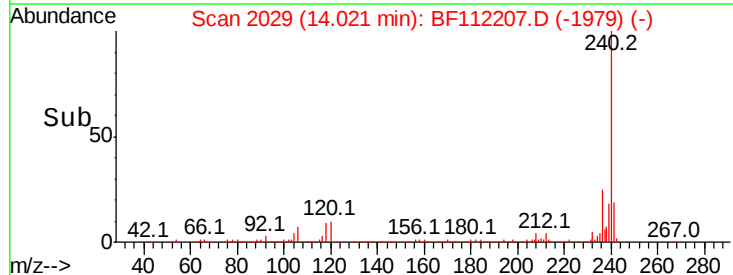
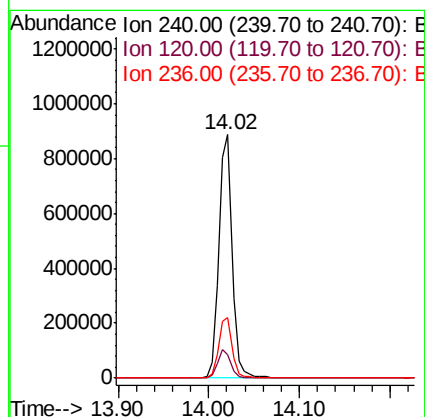
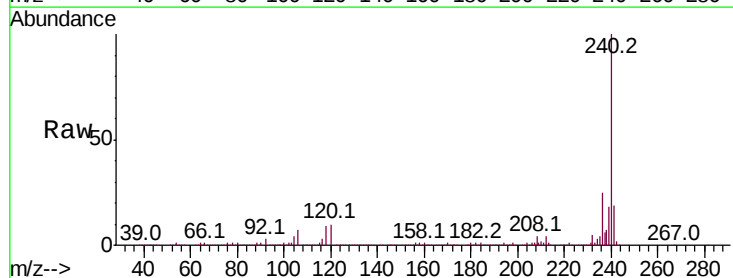
Instrument :
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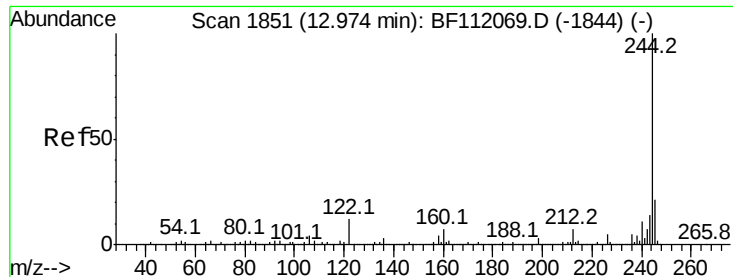
Tot Ion:188 Resp: 1056581
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:240 Resp: 893564
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 25.0 20.7 31.1



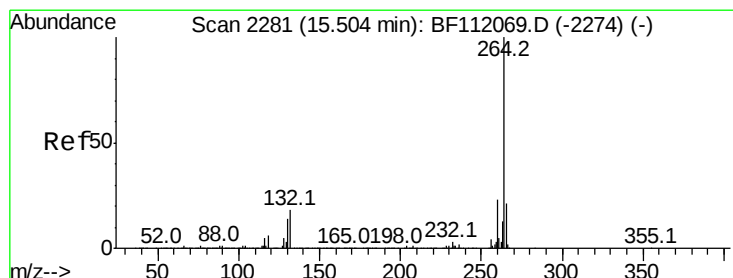
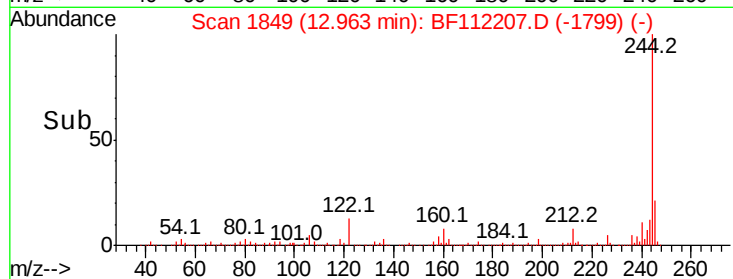
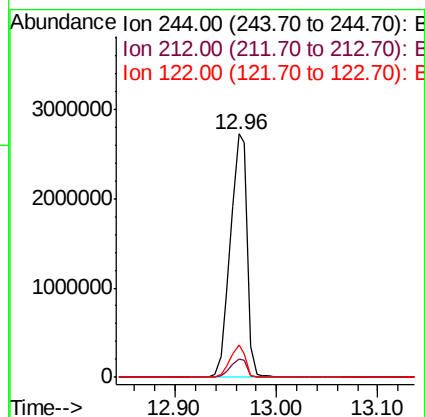
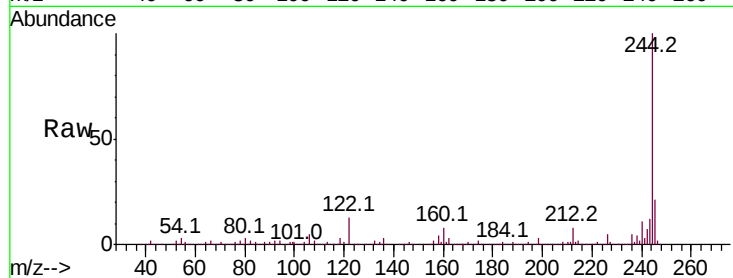


#79
 Terphenyl-d14
 Concen: 75.021 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112207.D
 Acq: 24 Jan 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB116593BL

Tot Ion:244 Resp: 3151107

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	13.1	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: BF112207.D
 Acq: 24 Jan 2019 14:23

Tgt Ion:264 Resp: 774234

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.3	17.0	25.4

