

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112143.D
 Acq On : 18 Jan 2019 23:46
 Operator : JU/SJ
 Sample : K1180-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 19 00:55:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	271170	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1022867	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	489001	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	888661	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	648570	20.00	ng	-0.01
87) Perylene-d12	15.49	264	656352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1448427	96.95	ng	0.00
7) Phenol-d6	6.50	99	1575207	84.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	1339961	90.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	644288	122.13	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2523764	75.67	ng	0.00
79) Terphenyl-d14	12.96	244	2503936	82.13	ng	0.00

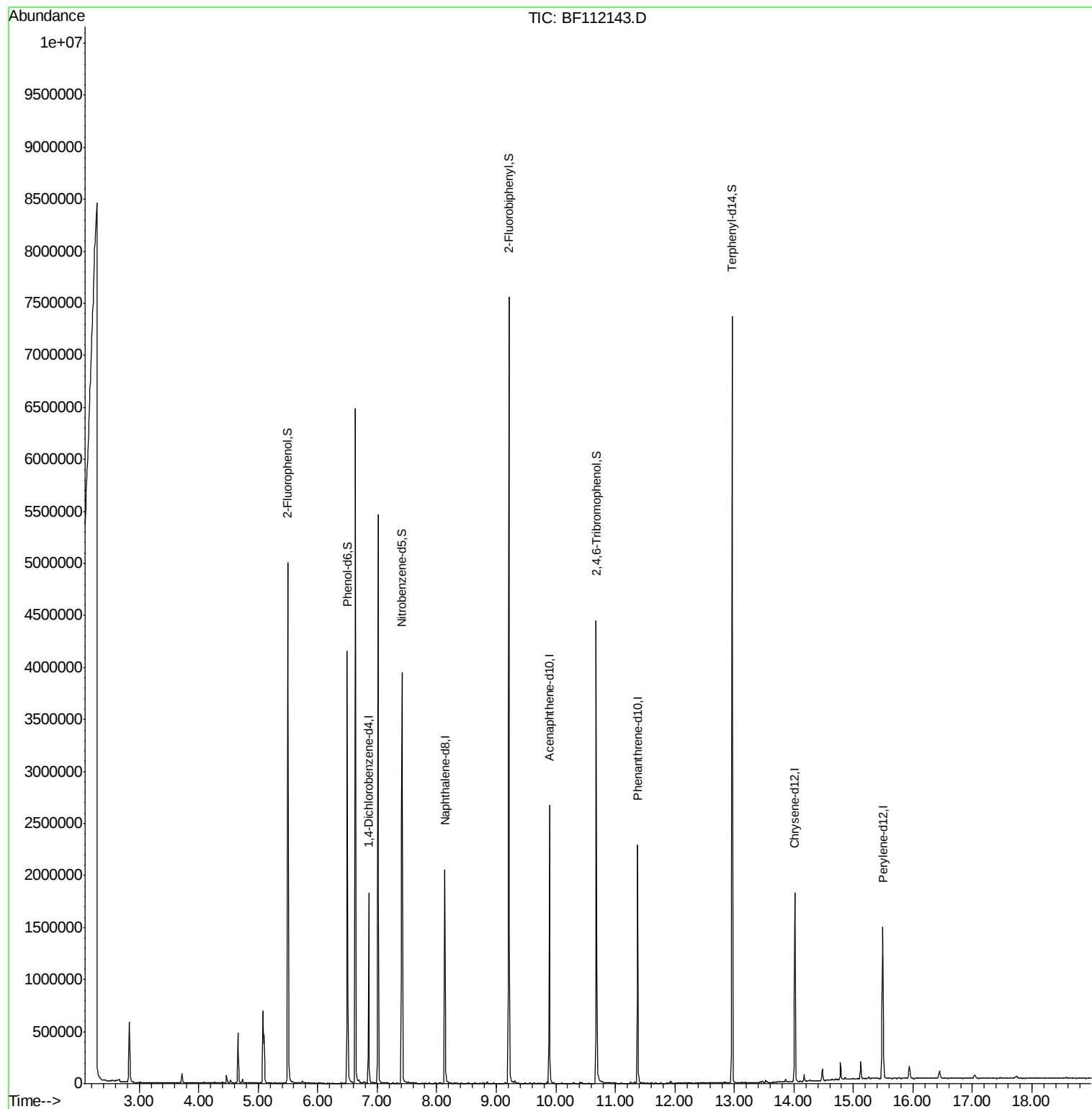
Target Compounds Qvalue

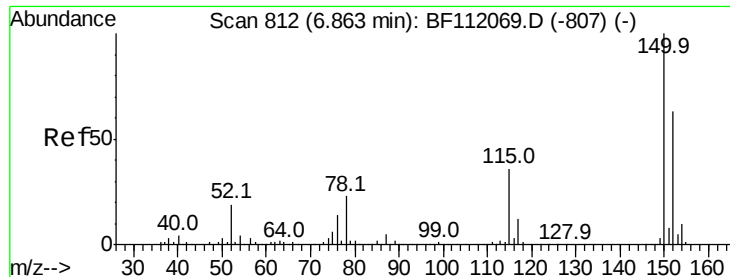
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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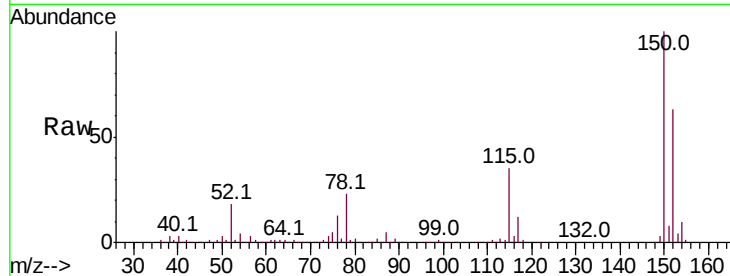


#1

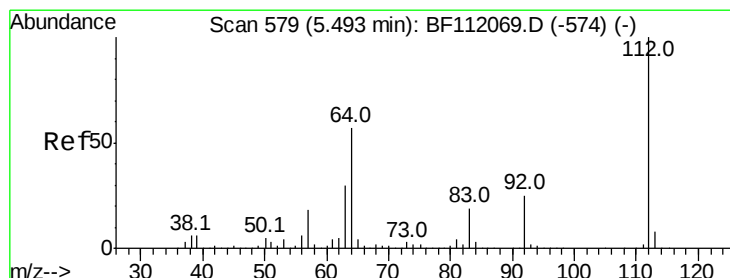
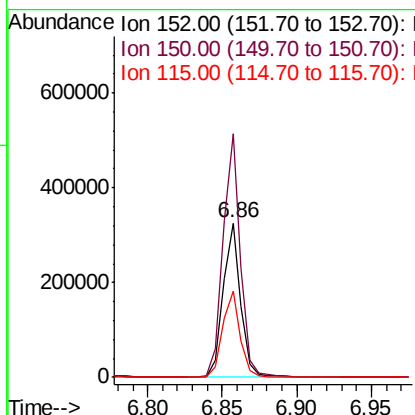
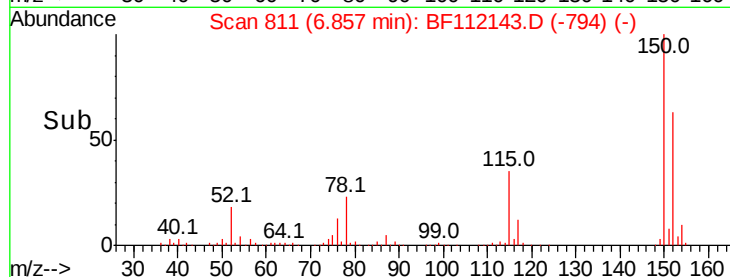
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF112143.D
Acq: 18 Jan 2019 23:46

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 271170
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 55.9 45.5 68.3



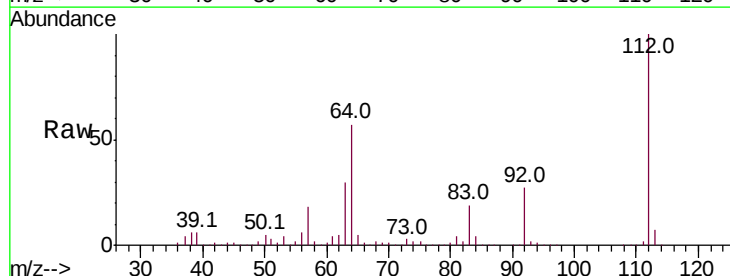
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



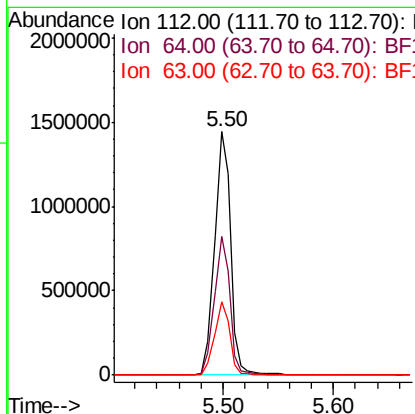
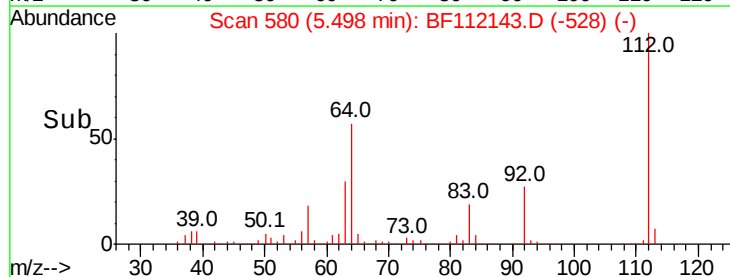
#5

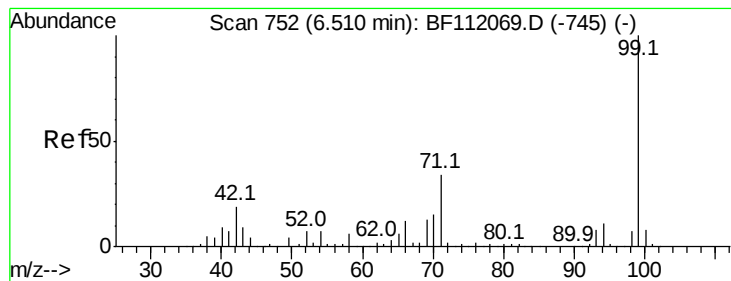
2-Fluorophenol
Concen: 96.948 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112143.D
Acq: 18 Jan 2019 23:46

Tgt Ion:112 Resp: 1448427
Ion Ratio Lower Upper
112 100
64 56.7 45.7 68.5
63 30.0 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: 84.270 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF112143.D

Acq: 18 Jan 2019 23:46

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

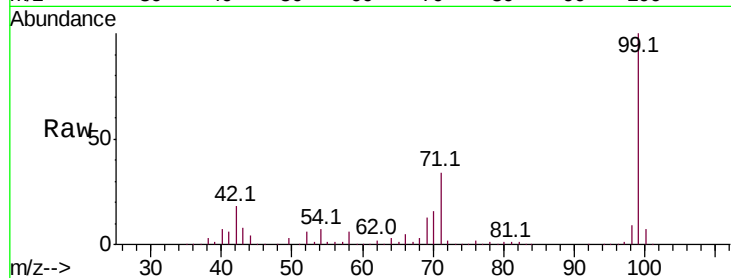
Tot Ion: 99 Resp: 1575207

Ion Ratio Lower Upper

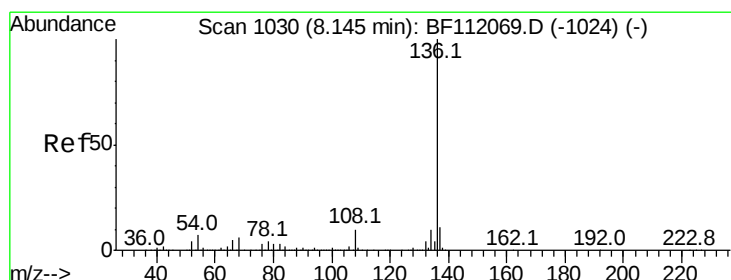
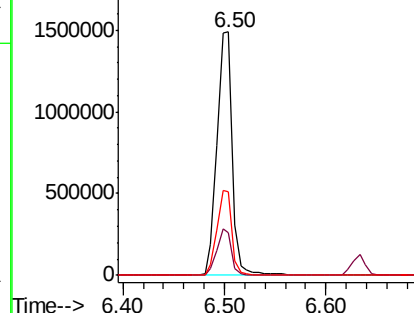
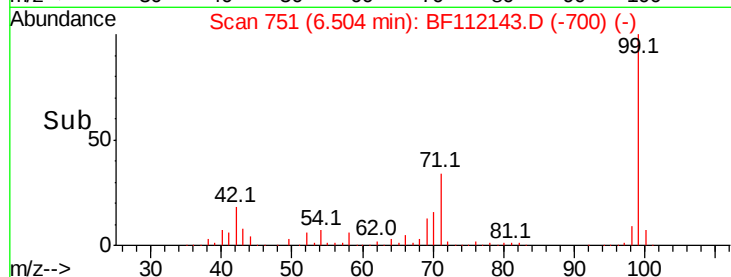
99 100

42 17.5 15.1 22.7

71 34.1 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: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF112143.D

Acq: 18 Jan 2019 23:46

Tgt Ion: 136 Resp: 1022867

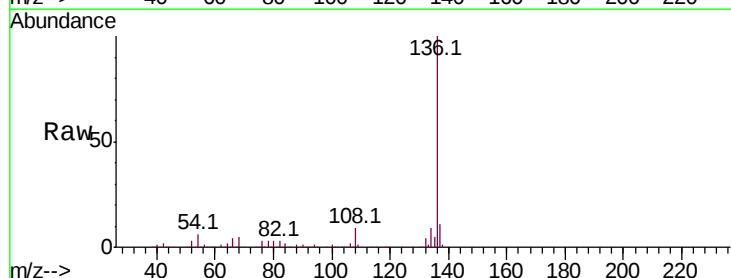
Ion Ratio Lower Upper

136 100

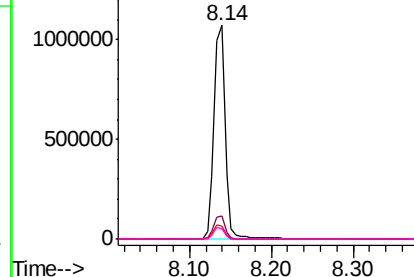
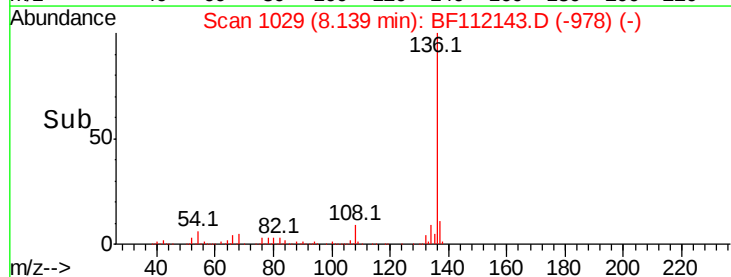
137 11.0 9.1 13.7

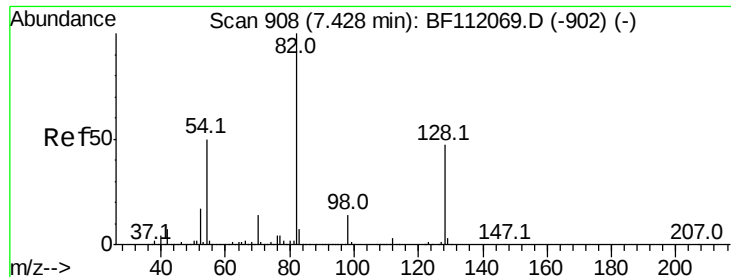
54 6.1 5.9 8.9

68 5.0 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

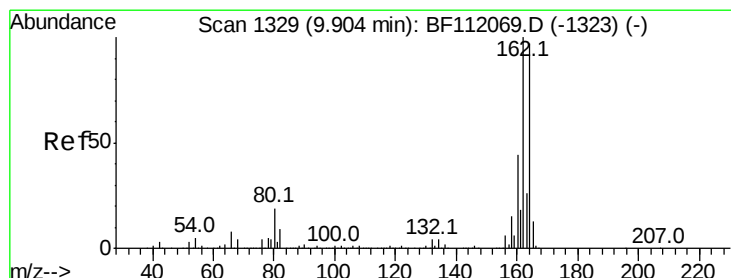
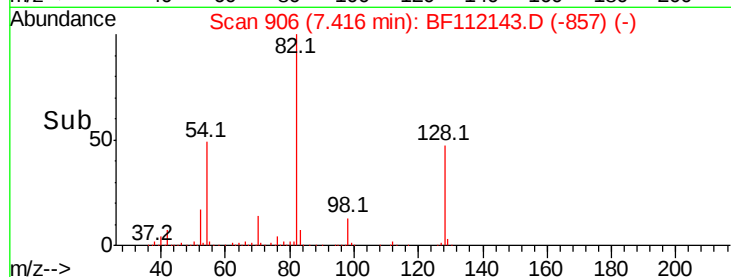
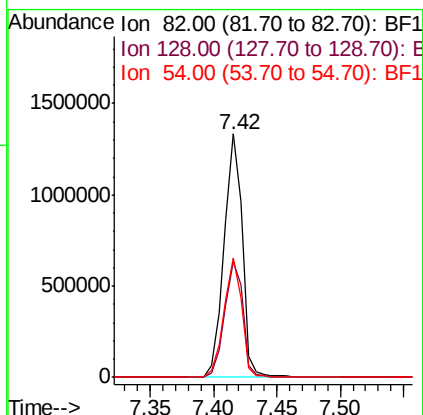
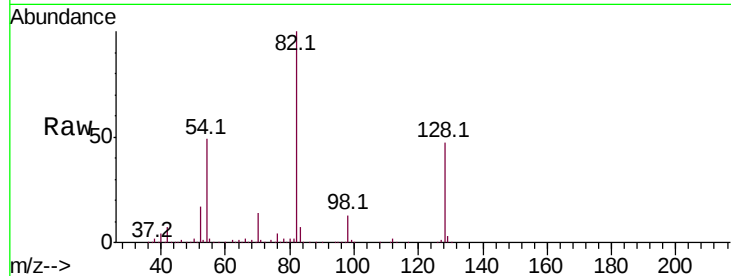




#23
Nitrobenzene-d5
Concen: 90.507 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112143.D
Acq: 18 Jan 2019 23:46

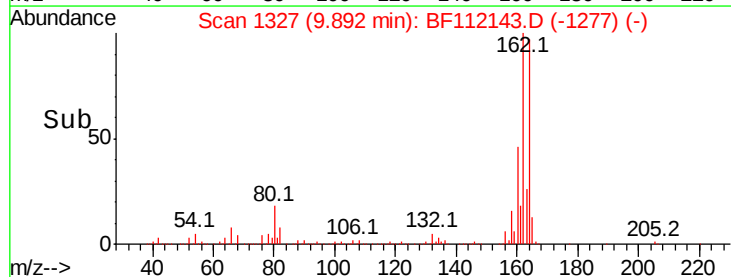
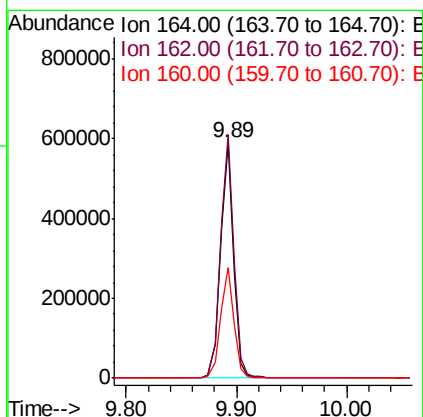
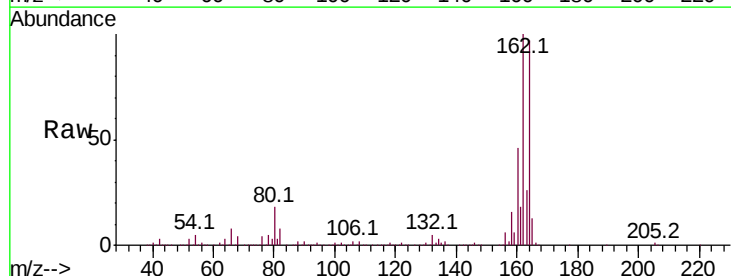
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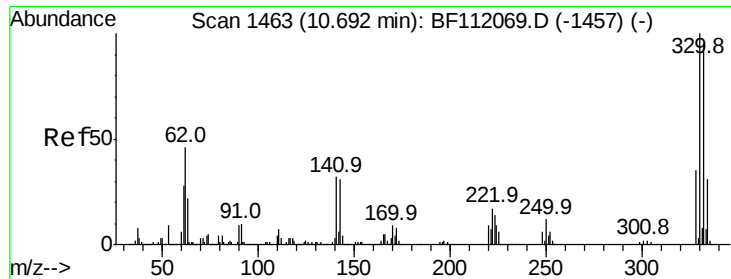
Tot Ion: 82 Resp: 1339961
Ion Ratio Lower Upper
82 100
128 47.4 37.8 56.8
54 49.2 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112143.D
Acq: 18 Jan 2019 23:46

Tgt Ion:164 Resp: 489001
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.4
160 47.1 36.2 54.4

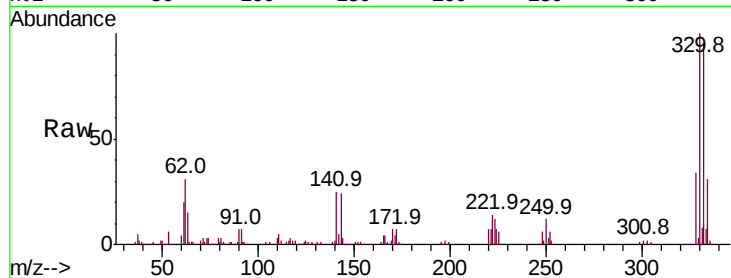




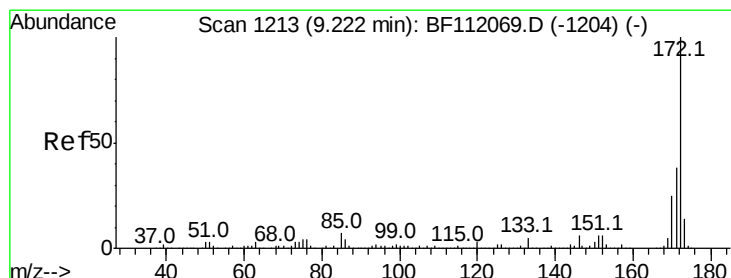
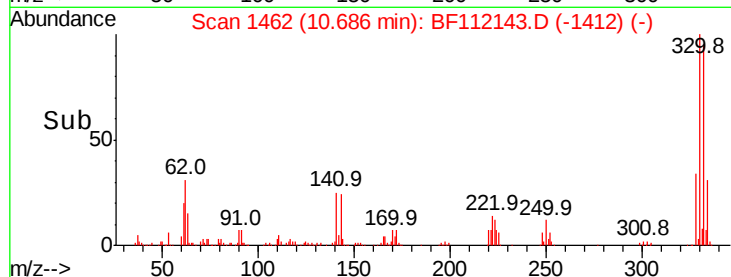
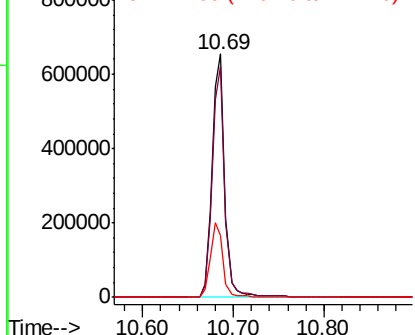
#42
 2,4,6-Tribromophenol
 Concen: 122.134 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112143.D
 Acq: 18 Jan 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:330 Resp: 644288
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 30.7 24.3 36.5

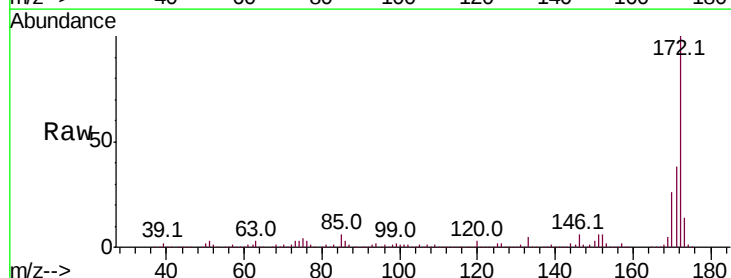


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

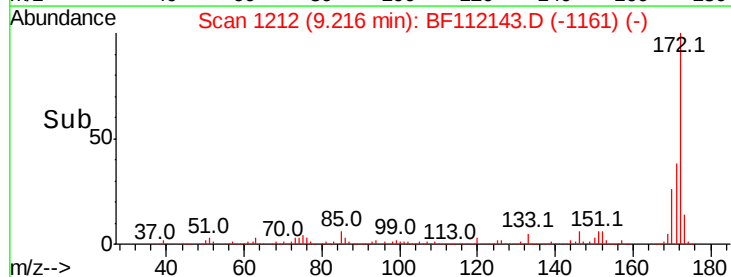
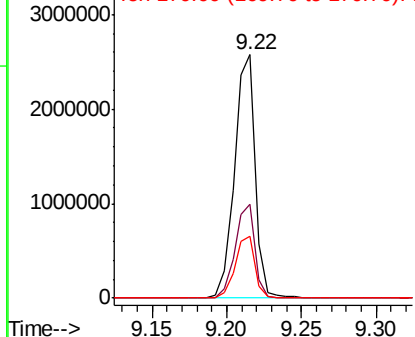


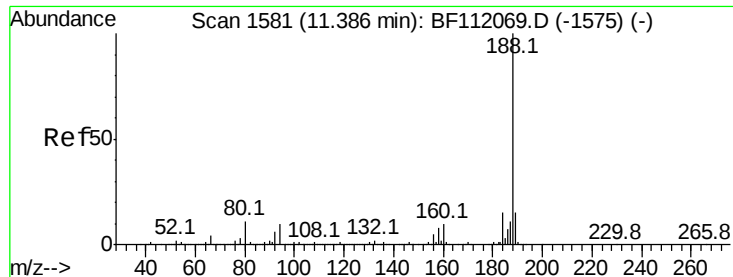
#45
 2-Fluorobiphenyl
 Concen: 75.667 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF112143.D
 Acq: 18 Jan 2019 23:46

Tgt Ion:172 Resp: 2523764
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.5 45.7
 170 25.5 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

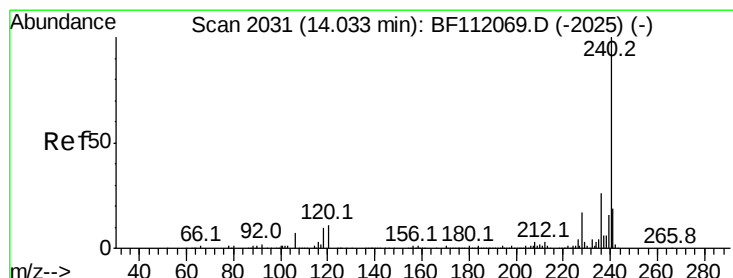
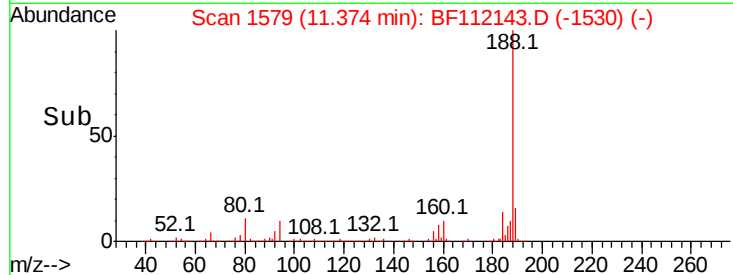
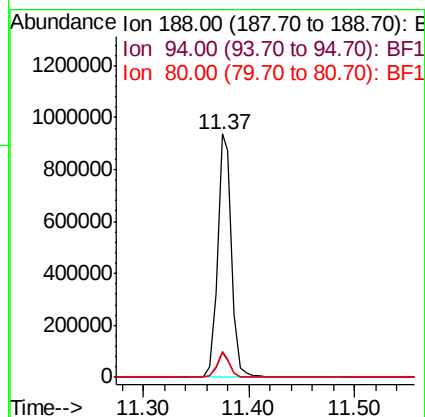
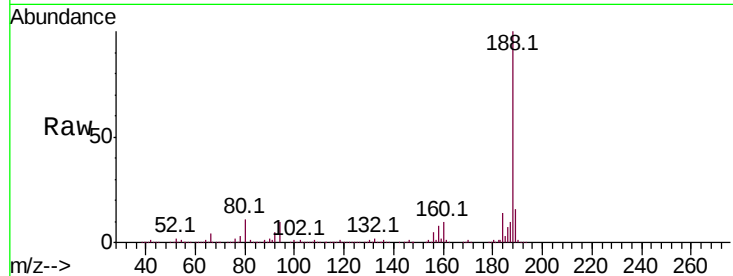




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112143.D
Acq: 18 Jan 2019 23:46

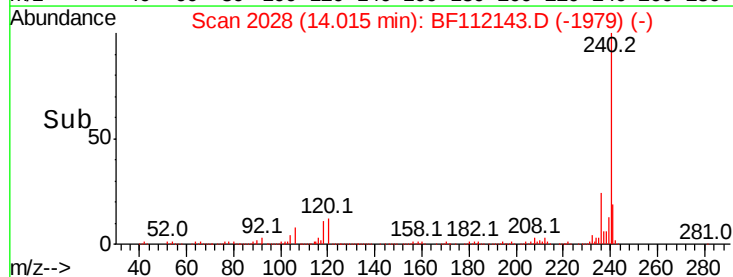
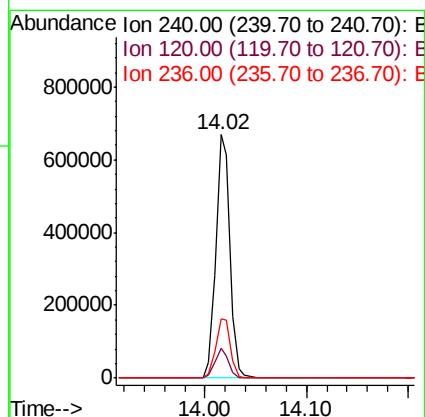
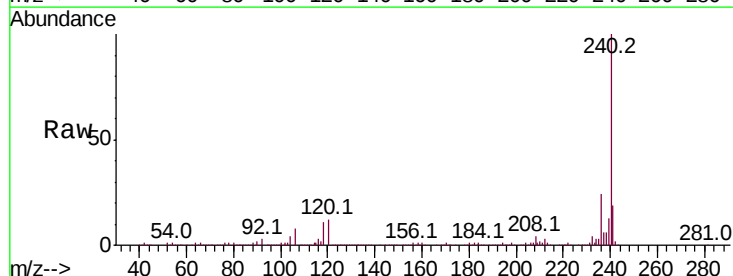
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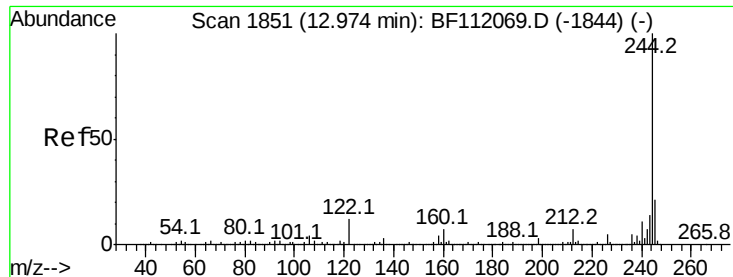
Tot Ion:188 Resp: 888661
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112143.D
Acq: 18 Jan 2019 23:46

Tgt Ion:240 Resp: 648570
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.6
236 24.4 20.7 31.1

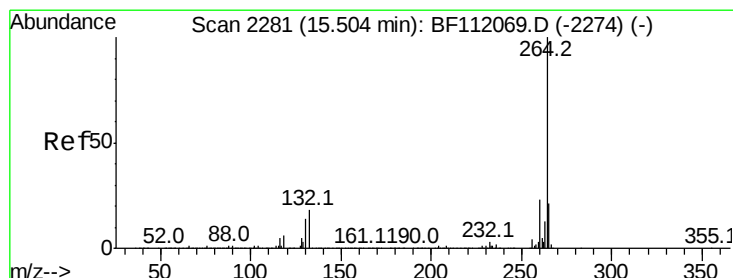
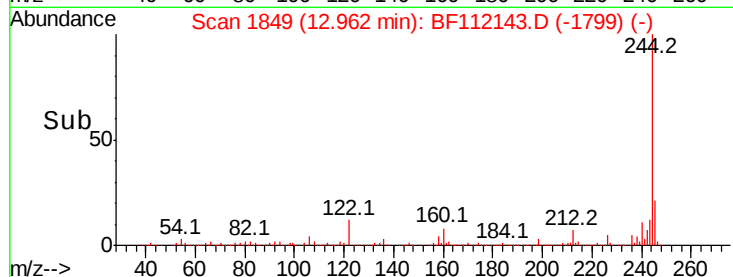
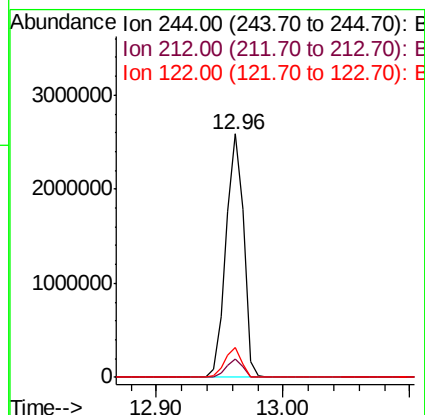
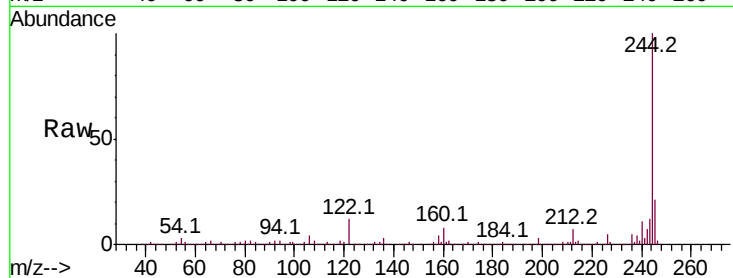




#79
 Terphenyl-d14
 Concen: 82.132 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112143.D
 Acq: 18 Jan 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:244 Resp: 2503936
 Ion Ratio Lower Upper
 244 100
 212 7.3 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: BF112143.D
 Acq: 18 Jan 2019 23:46

Tgt Ion:264 Resp: 656352
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 21.8 17.0 25.4

