

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114810.D
 Acq On : 5 Jun 2019 10:26
 Operator : HP/JU
 Sample : K3135-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jun 05 12:16:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	412765	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1606883	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	830635	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1714484	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1455137	20.00	ng	0.00
87) Perylene-d12	15.17	264	1415307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2537192	107.41	ng	0.02
7) Phenol-d6	6.30	99	2779524	96.70	ng	0.00
23) Nitrobenzene-d5	7.22	82	2139533	81.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	1144087	127.81	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	4047156	91.27	ng	0.00
79) Terphenyl-d14	12.76	244	4671121	62.43	ng	0.00

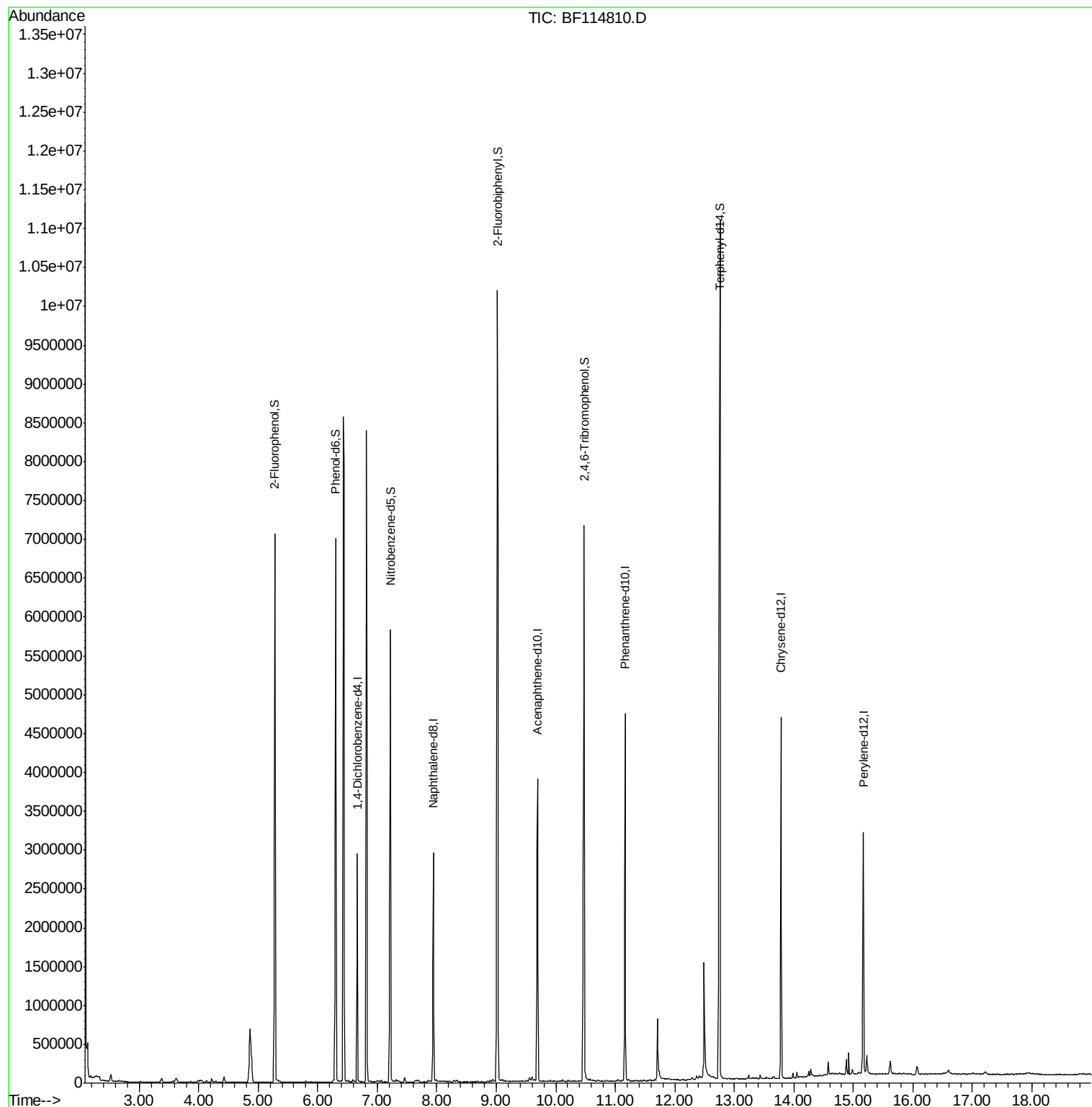
Target Compounds Qvalue

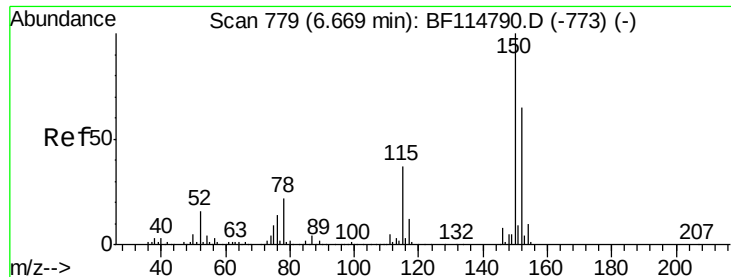
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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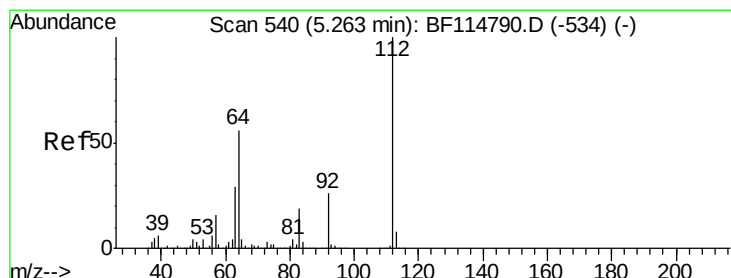
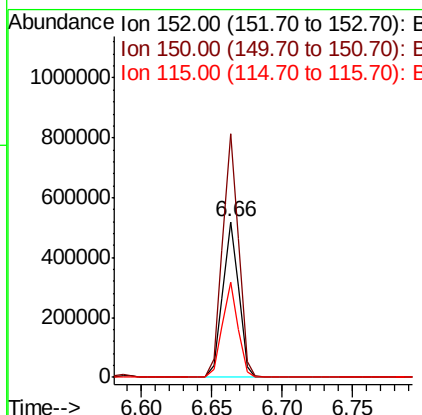
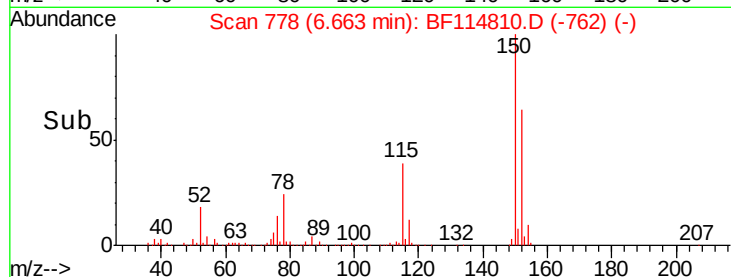
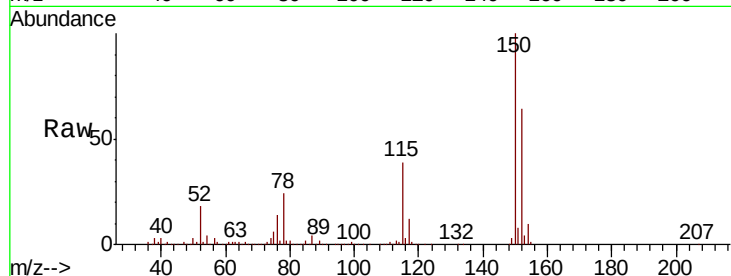


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

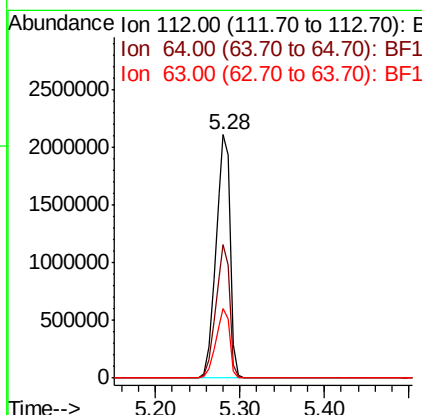
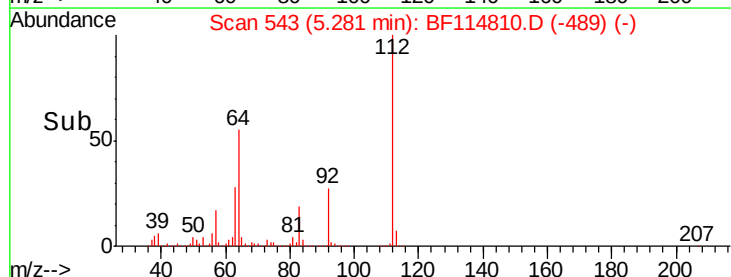
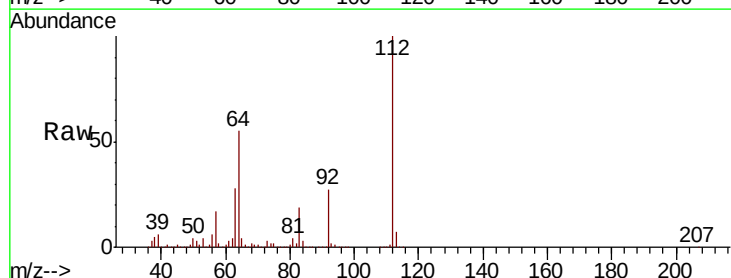
Tot Ion:152 Resp: 412765
Ion Ratio Lower Upper
152 100
150 156.3 124.0 186.0
115 60.7 46.3 69.5

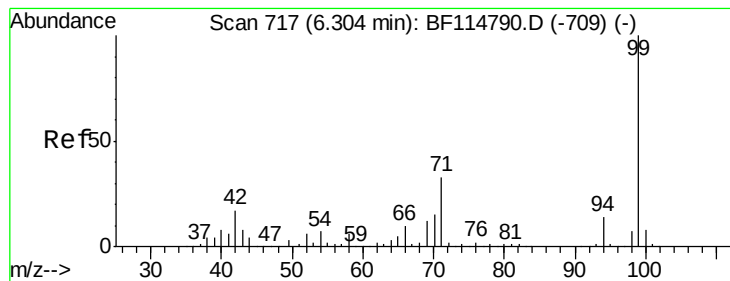


#5

2-Fluorophenol
Concen: 107.407 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

Tgt Ion:112 Resp: 2537192
Ion Ratio Lower Upper
112 100
64 54.8 44.6 66.8
63 28.3 23.0 34.4





#7

Phenol-d6

Concen: 96.700 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

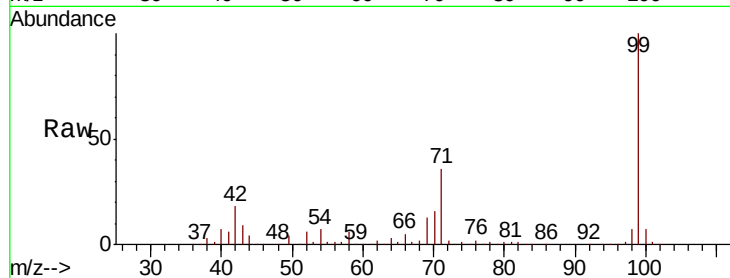
Tot Ion: 99 Resp: 2779524

Ion Ratio Lower Upper

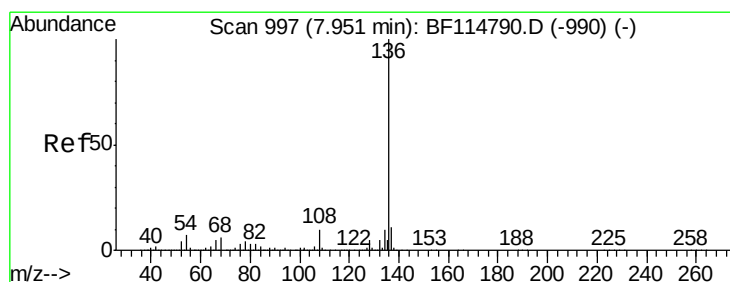
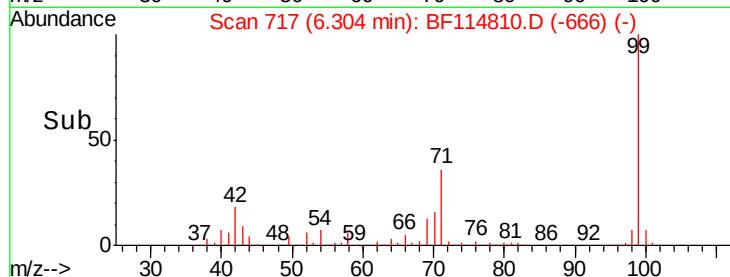
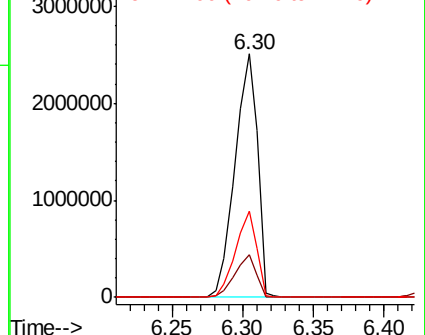
99 100

42 17.6 13.3 19.9

71 35.6 26.3 39.5



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

Tgt Ion: 136 Resp: 1606883

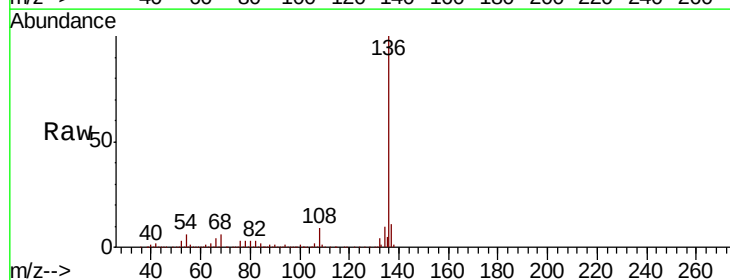
Ion Ratio Lower Upper

136 100

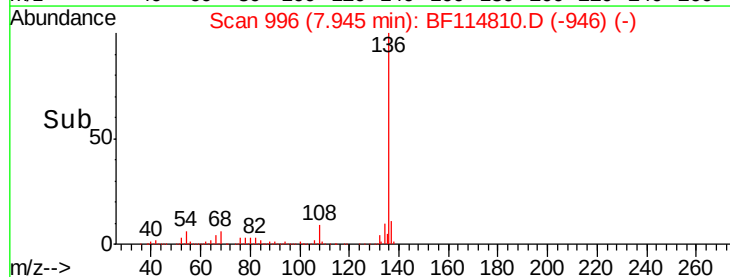
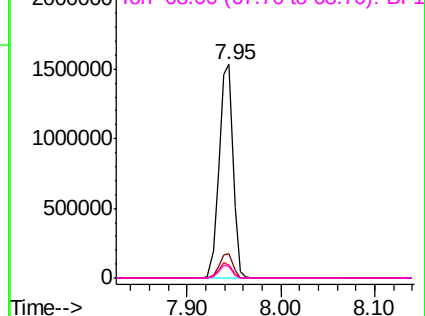
137 11.2 9.1 13.7

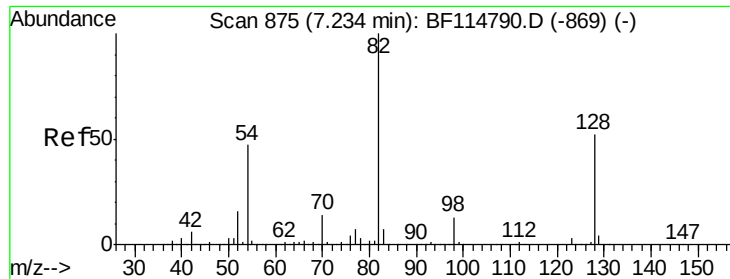
54 6.2 5.4 8.0

68 5.5 4.6 6.8



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

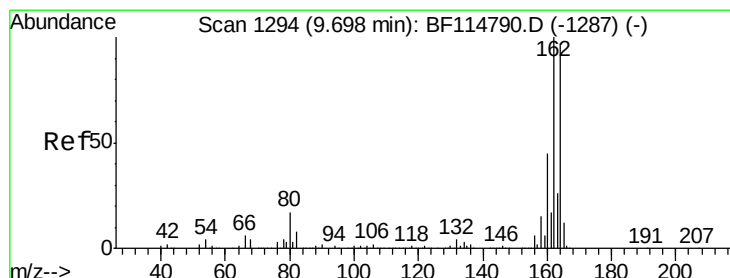
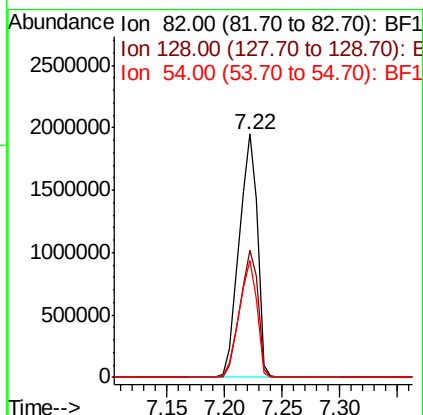
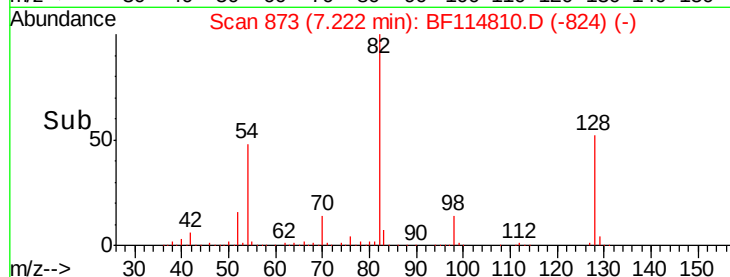
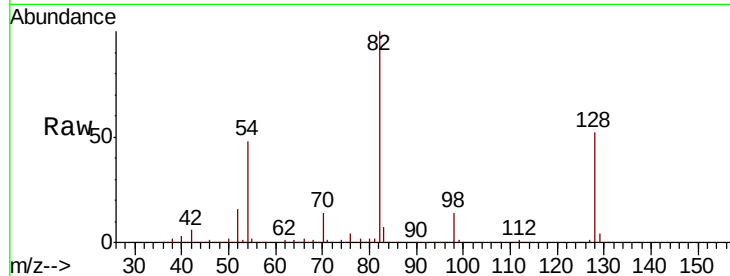




#23
Nitrobenzene-d5
Concen: 81.964 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

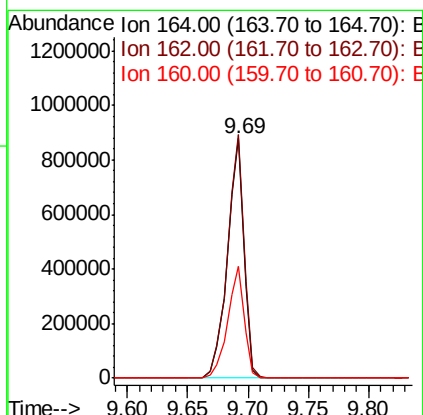
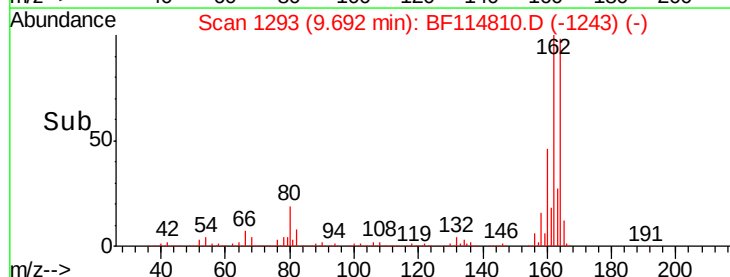
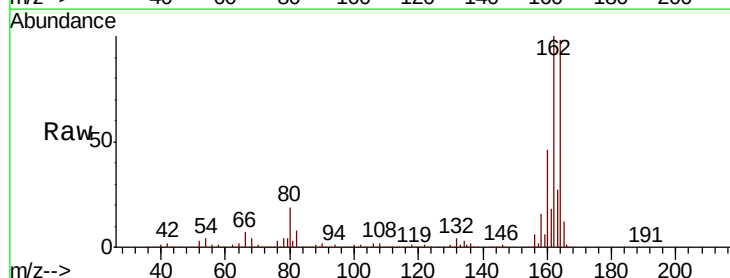
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

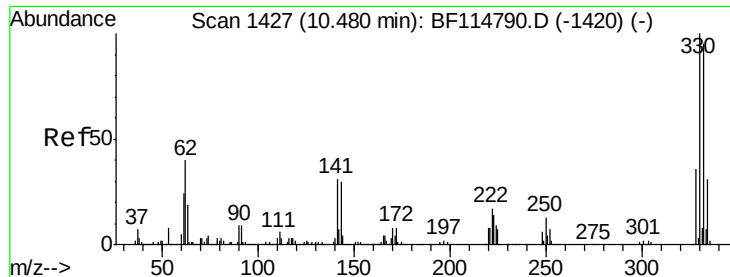
Tot Ion: 82 Resp: 2139533
Ion Ratio Lower Upper
82 100
128 52.0 41.8 62.6
54 48.1 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

Tgt Ion:164 Resp: 830635
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 46.4 36.7 55.1

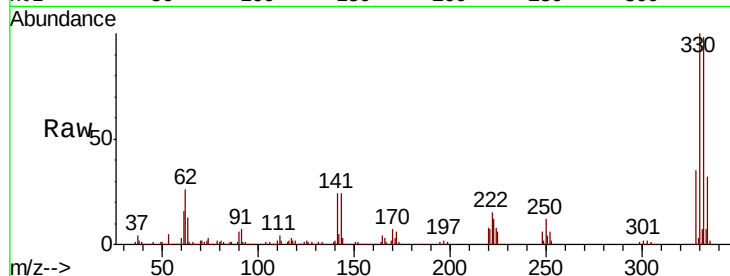




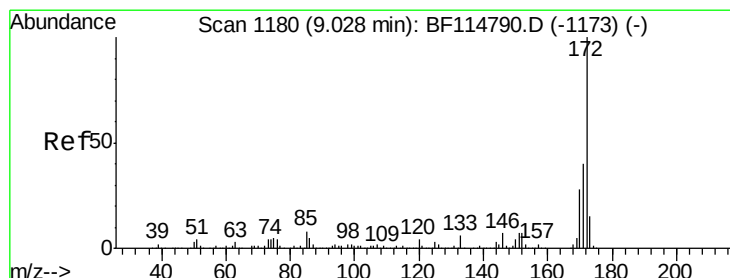
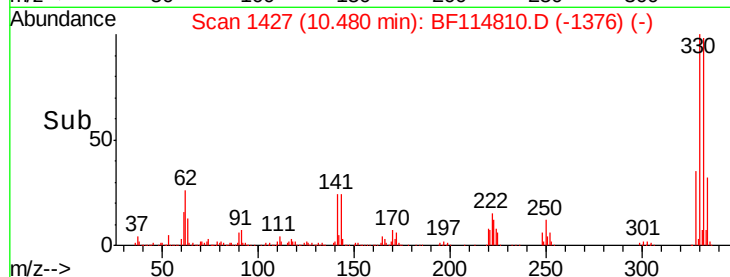
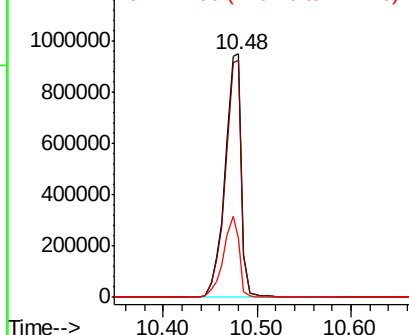
#42
 2,4,6-Tribromophenol
 Concen: 127.811 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion:330 Resp: 1144087
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 32.5 26.2 39.4

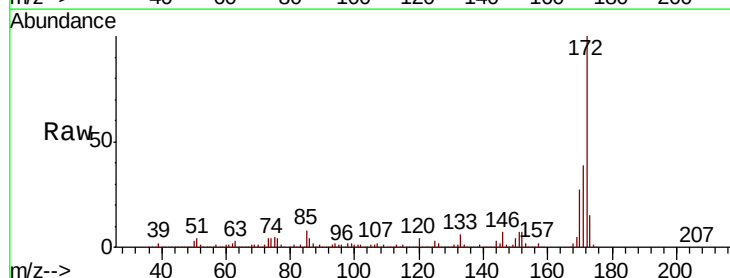


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

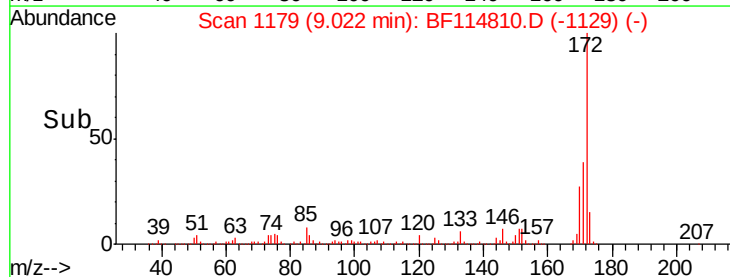
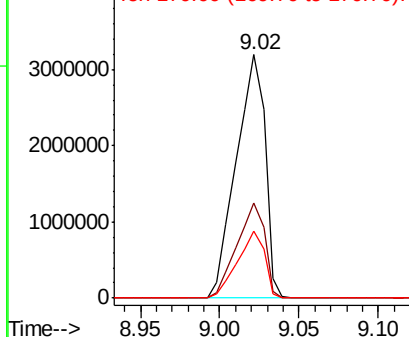


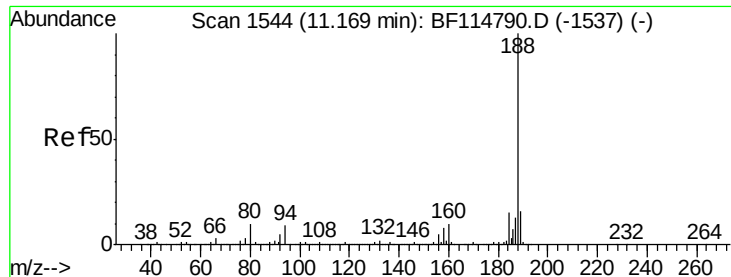
#45
 2-Fluorobiphenyl
 Concen: 91.273 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

Tgt Ion:172 Resp: 4047156
 Ion Ratio Lower Upper
 172 100
 171 39.1 32.3 48.5
 170 27.4 22.4 33.6



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: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

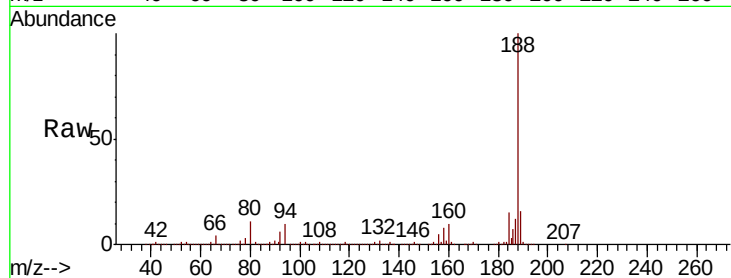
Tot Ion:188 Resp: 1714484

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 10.9 8.3 12.5



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

2500000

2000000

1500000

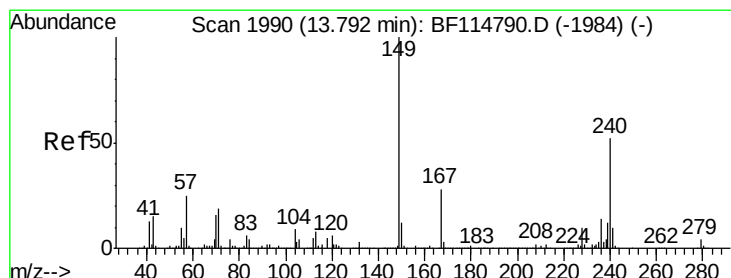
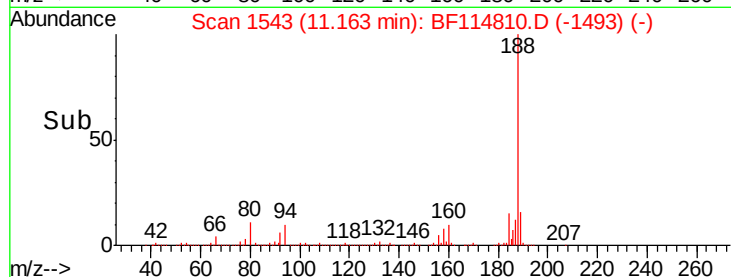
1000000

500000

0

11.10 11.15 11.20

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

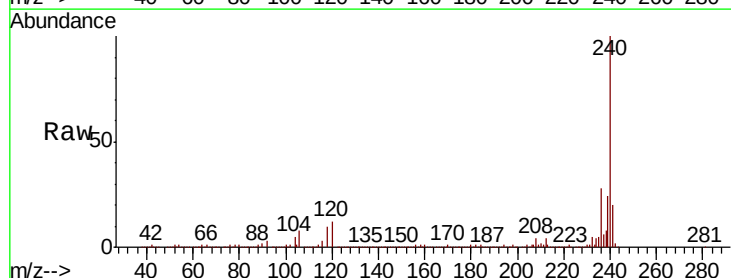
Tgt Ion:240 Resp: 1455137

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

236 28.0 21.4 32.0



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

2000000

1500000

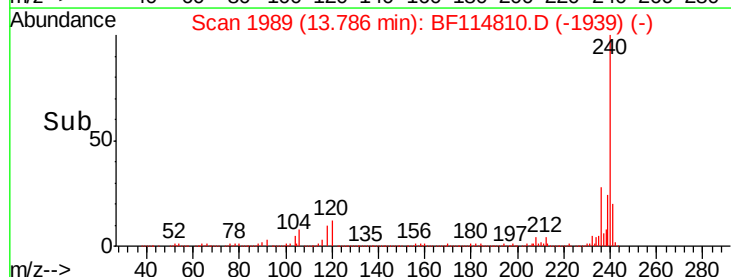
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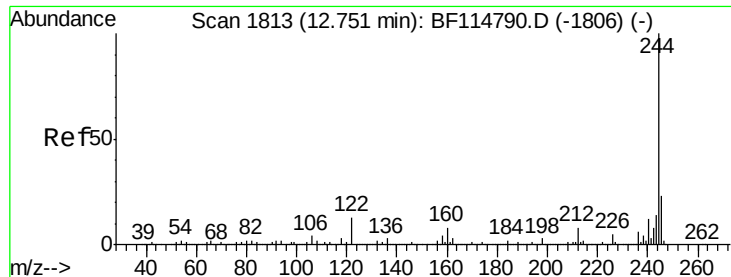
500000

0

13.70 13.80 13.90

Time-->

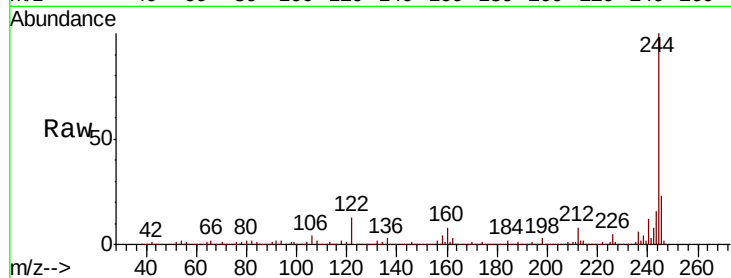




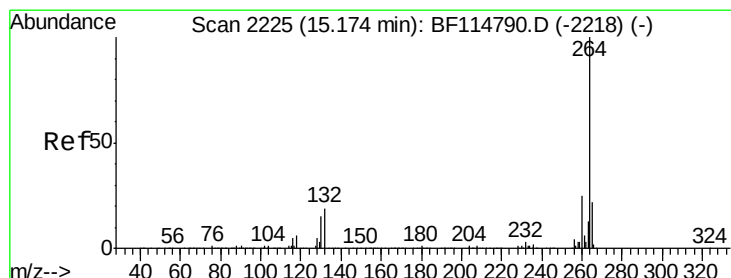
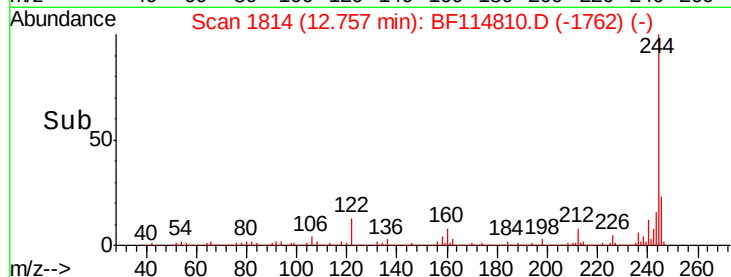
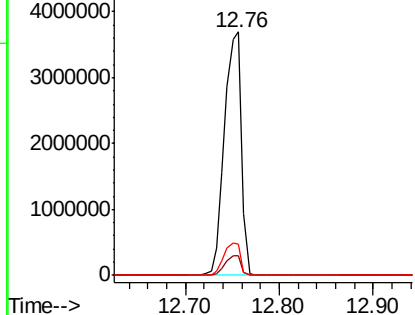
#79
 Terphenyl-d14
 Concen: 62.429 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion:244 Resp: 4671121
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 12.8 10.5 15.7

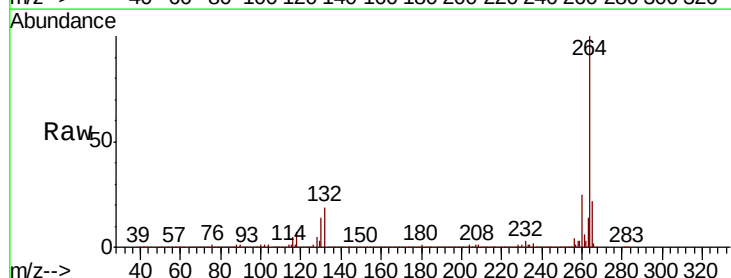


Abundance Ion 244.00 (243.70 to 244.70): E
 5000000 Ion 212.00 (211.70 to 212.70): E
 4000000 Ion 122.00 (121.70 to 122.70): E
 3000000
 2000000
 1000000
 0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

Tgt Ion:264 Resp: 1415307
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.1 30.1
 265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 1500000 Ion 260.00 (259.70 to 260.70): E
 1000000 Ion 265.00 (264.70 to 265.70): E
 500000
 0

