

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116243.D
 Acq On : 13 Aug 2019 21:15
 Operator : HP/JU
 Sample : K4229-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-C1-C4-(0-1)-COMP

Quant Time: Aug 14 01:39:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	148556	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	581225	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	315991	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	589150	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	455666	20.00	ng	0.00
87) Perylene-d12	15.47	264	381818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1000747	112.77	ng	0.00
7) Phenol-d6	6.47	99	1190293	106.31	ng	-0.01
23) Nitrobenzene-d5	7.40	82	947450	94.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	427326	139.48	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1599475	94.81	ng	-0.01
79) Terphenyl-d14	12.95	244	1886438	87.24	ng	0.00

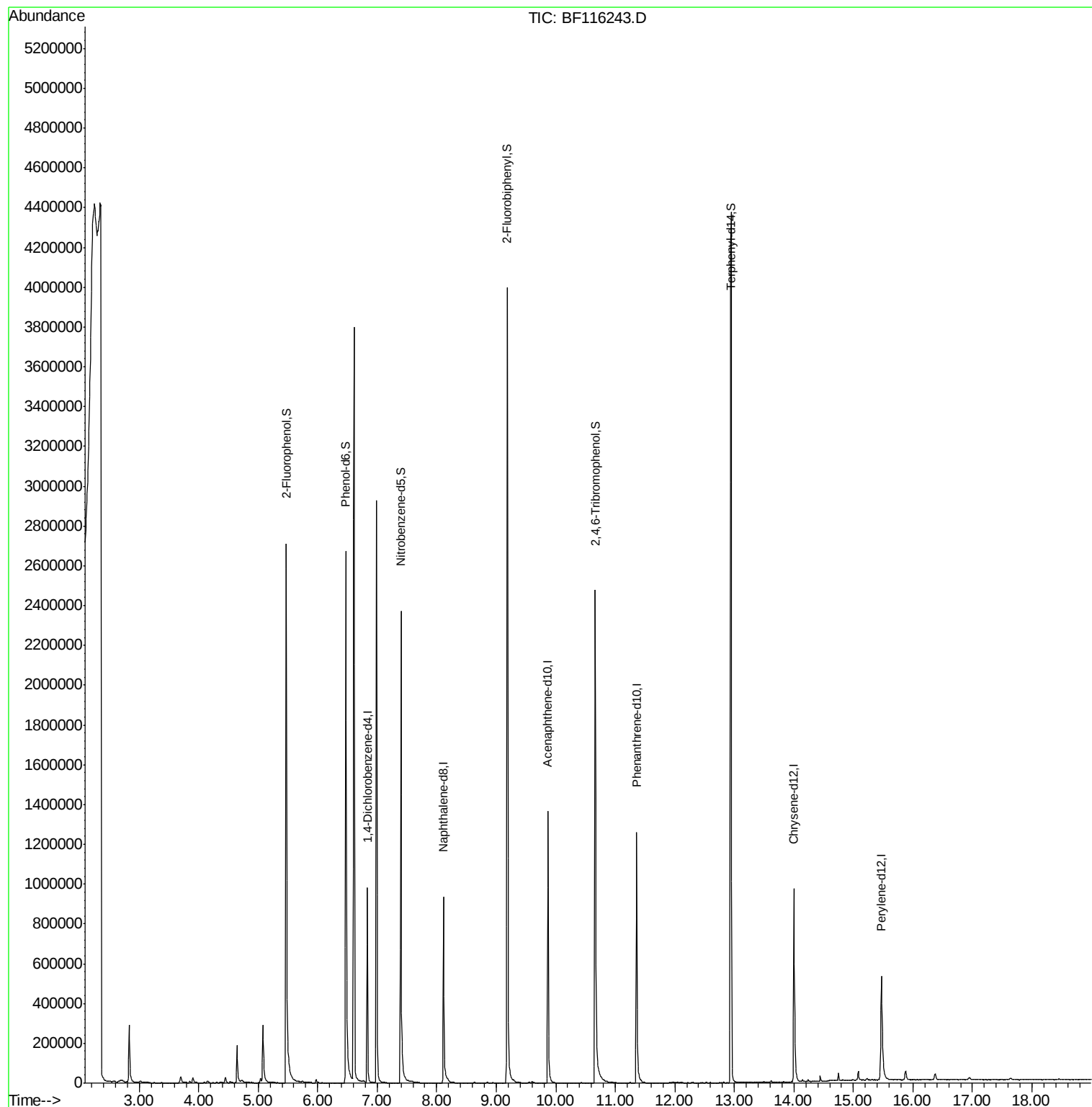
Target Compounds Qvalue

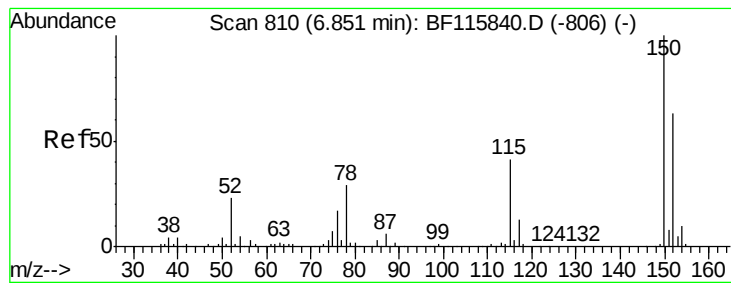
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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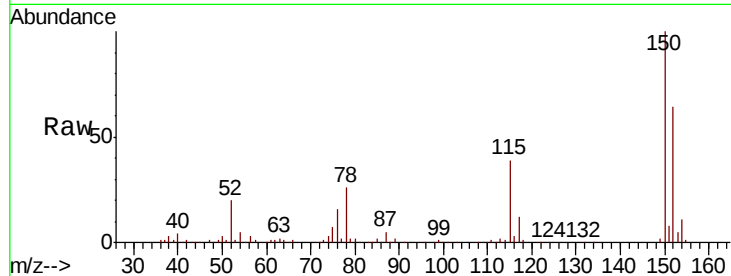


#1

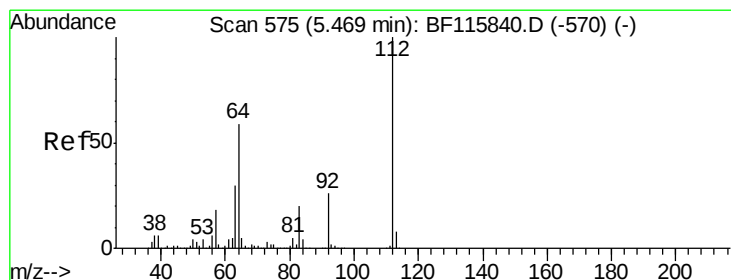
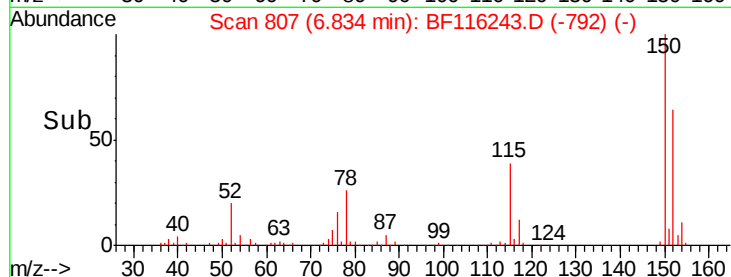
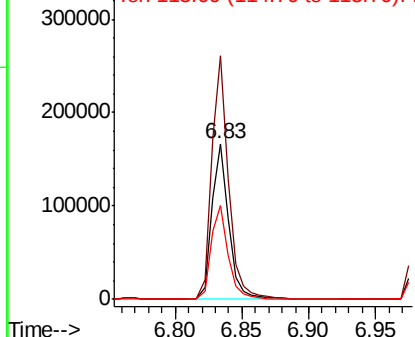
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Instrument :
BNA_F
ClientSampleId :
2S-C1-C4-(0-1)-COMP

Tot Ion:152 Resp: 148556
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 60.7 49.9 74.9



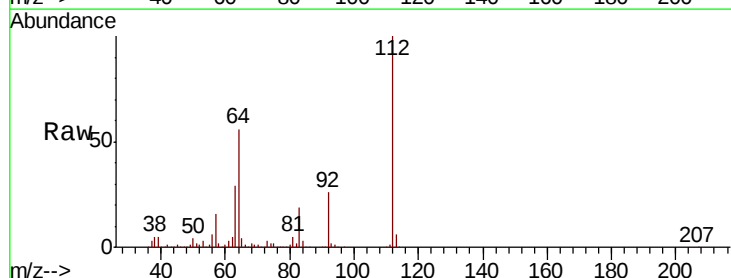
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



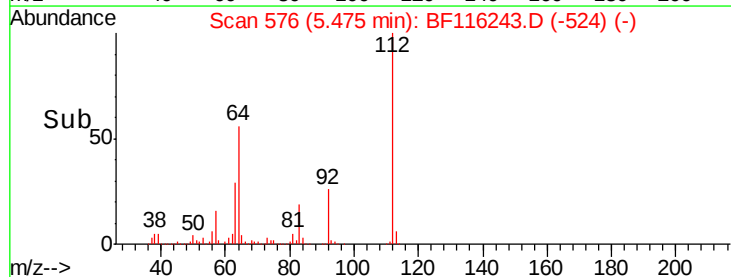
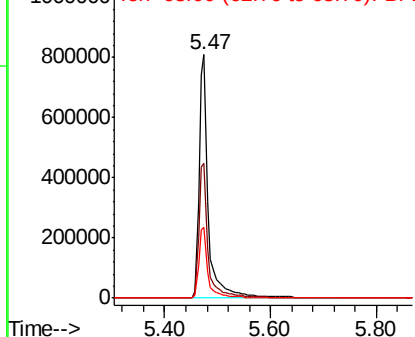
#5

2-Fluorophenol
Concen: 112.773 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Tgt Ion:112 Resp: 1000747
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.2
63 28.9 23.7 35.5



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: 106.313 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(0-1)-COMP

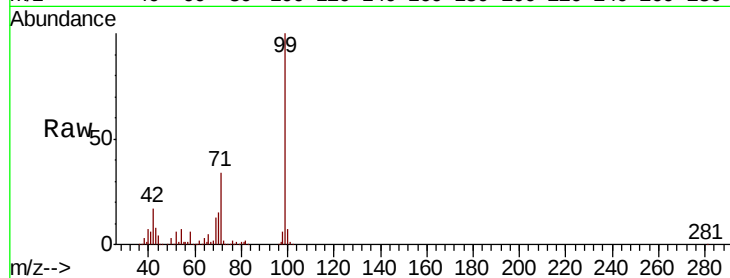
Tot Ion: 99 Resp: 1190293

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

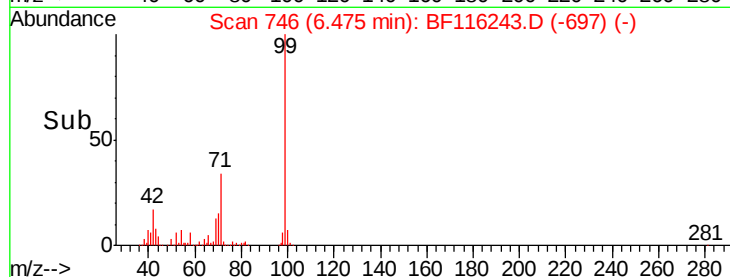
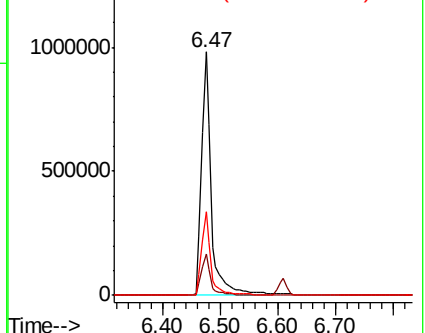
71 34.3 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Tgt Ion: 136 Resp: 581225

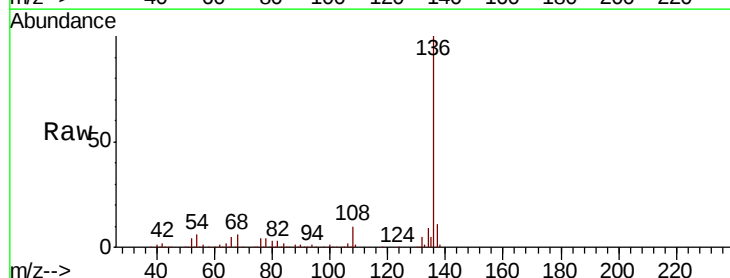
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.4 5.8 8.6

68 5.7 5.2 7.8

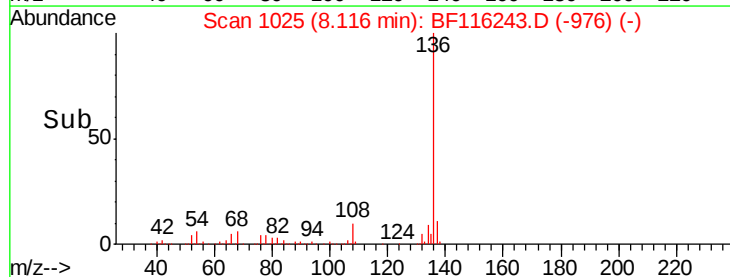
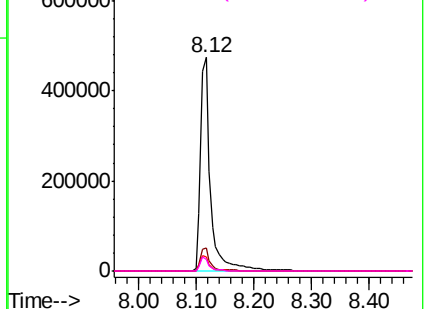


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.094 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(0-1)-COMP

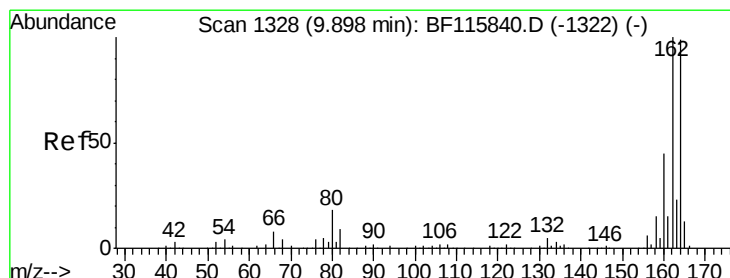
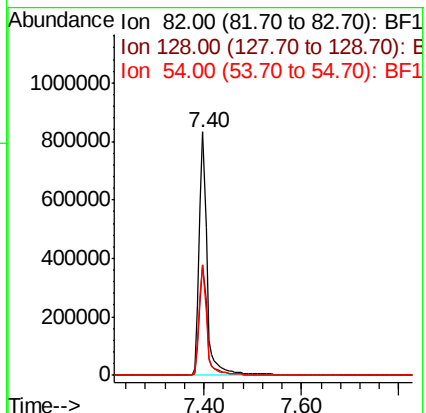
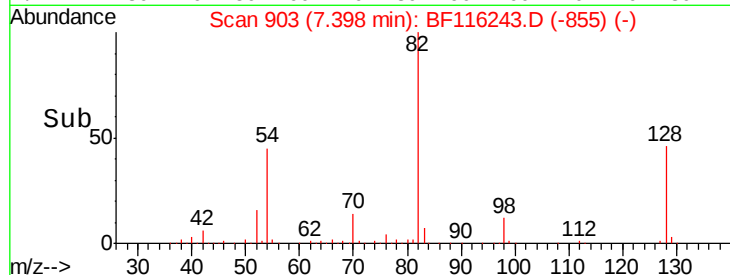
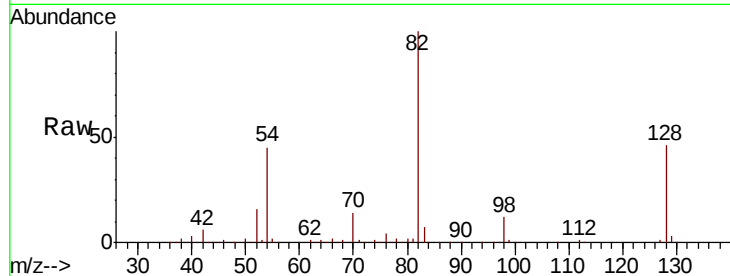
Tot Ion: 82 Resp: 947450

Ion Ratio Lower Upper

82 100

128 45.5 36.5 54.7

54 45.3 36.0 54.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

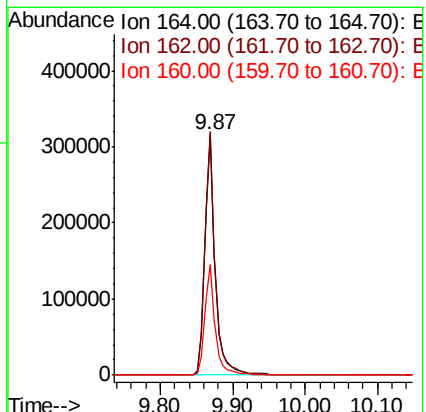
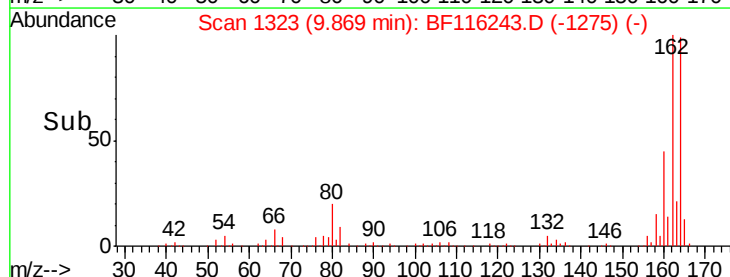
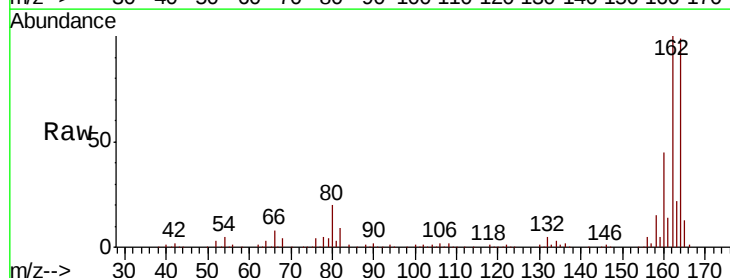
Tgt Ion: 164 Resp: 315991

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

160 45.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 139.484 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(0-1)-COMP

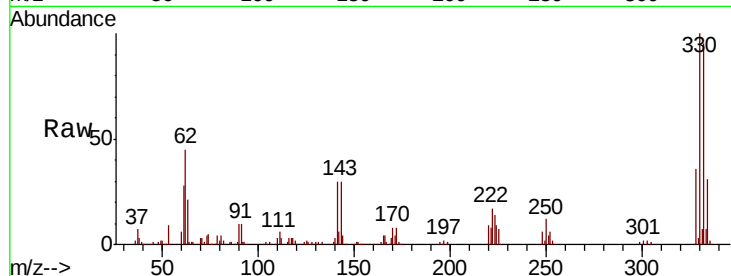
Tot Ion:330 Resp: 427326

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

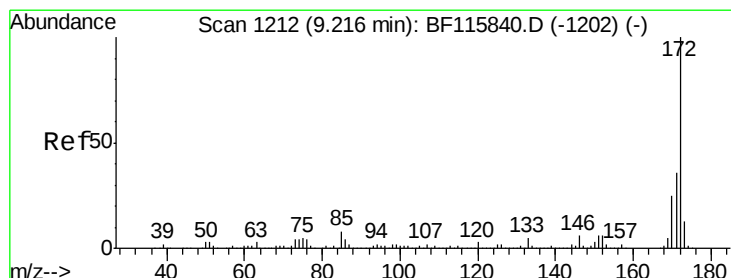
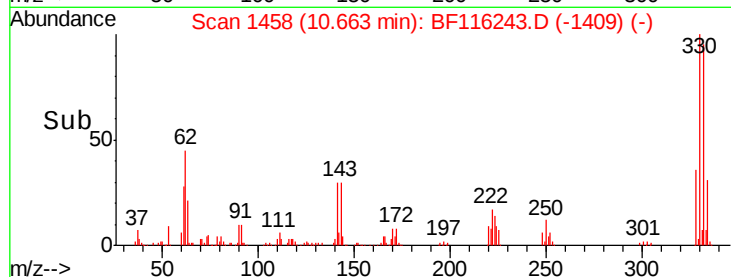
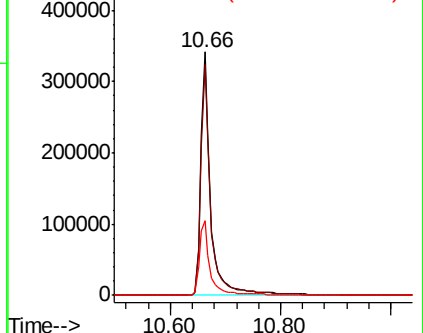
141 33.6 26.3 39.5



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: 94.811 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

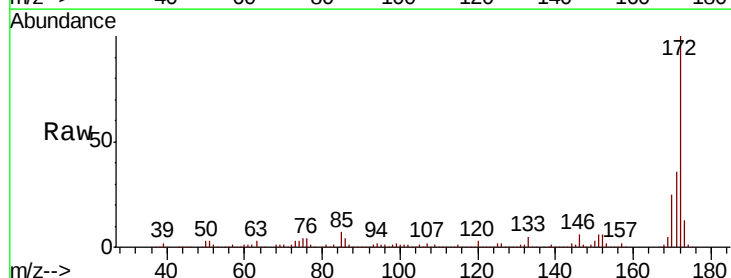
Tgt Ion:172 Resp: 1599475

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

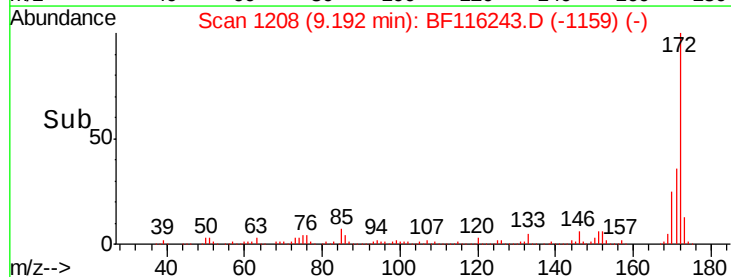
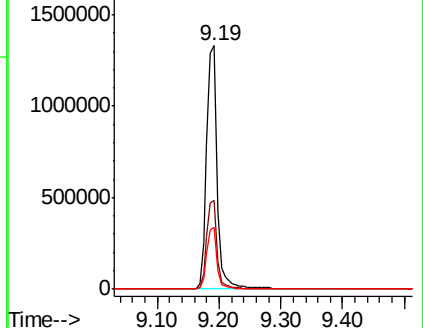
170 25.2 20.1 30.1

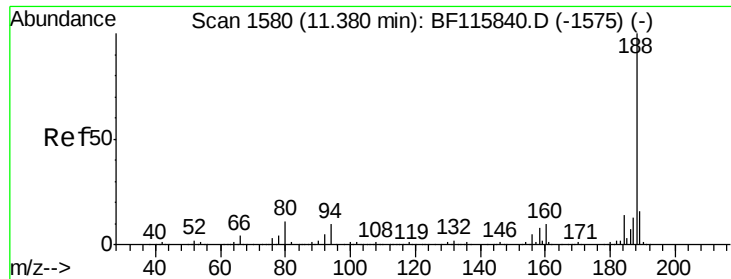


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

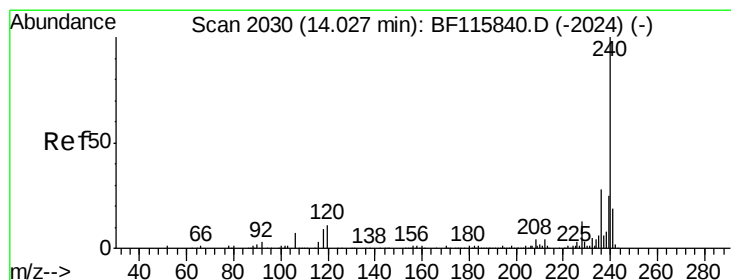
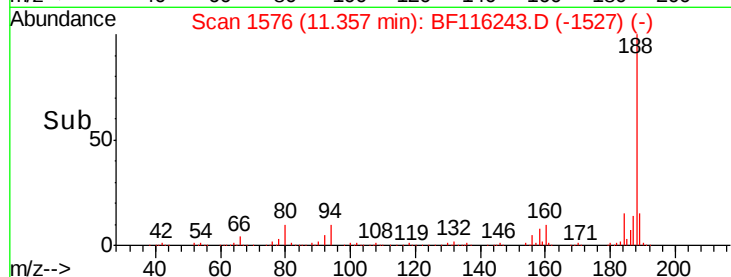
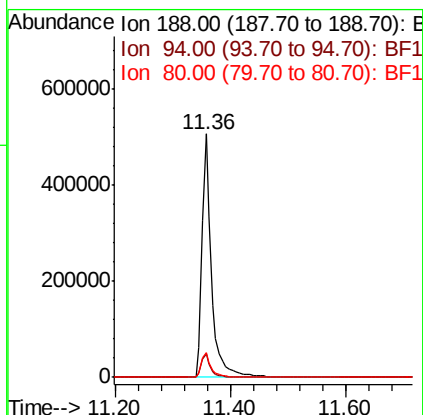
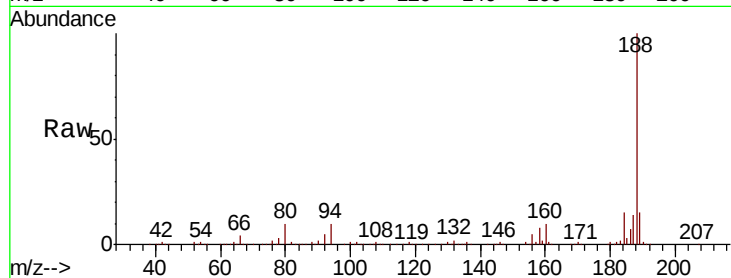




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

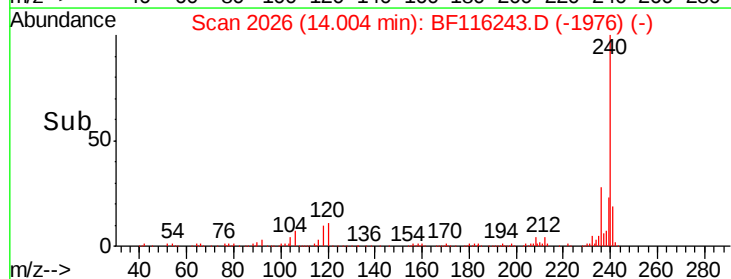
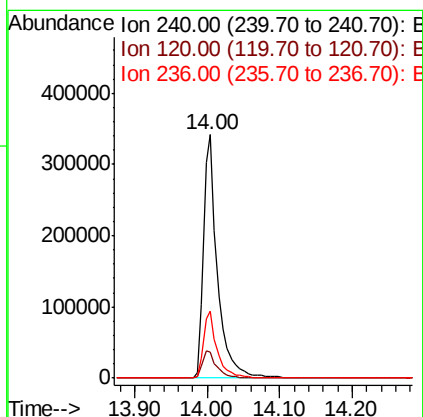
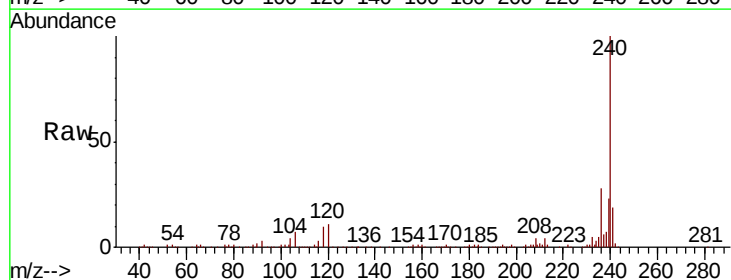
Instrument :
BNA_F
ClientSampleId :
2S-C1-C4-(0-1)-COMP

Tot Ion:188 Resp: 589150
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 10.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116243.D
Acq: 13 Aug 2019 21:15

Tgt Ion:240 Resp: 455666
Ion Ratio Lower Upper
240 100
120 10.8 10.7 16.1
236 27.7 22.2 33.2





#79

Terphenyl-d14

Concen: 87.236 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(0-1)-COMP

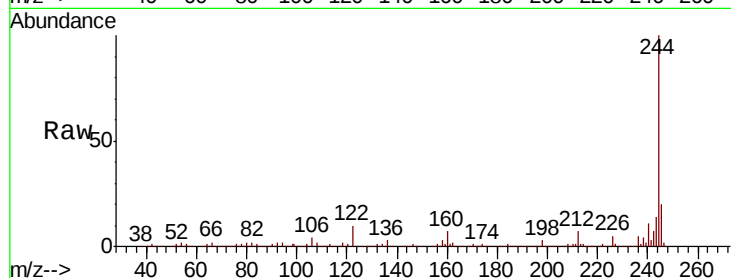
Tot Ion:244 Resp: 1886438

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

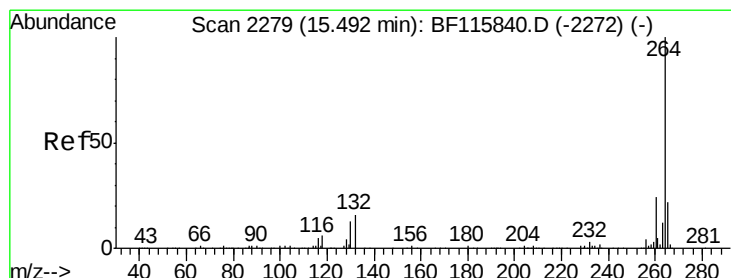
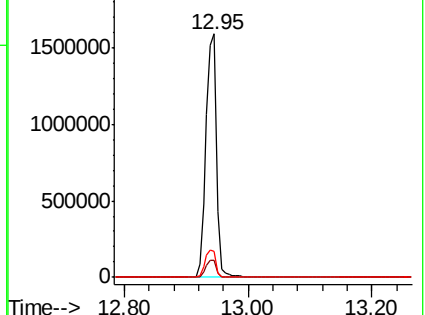
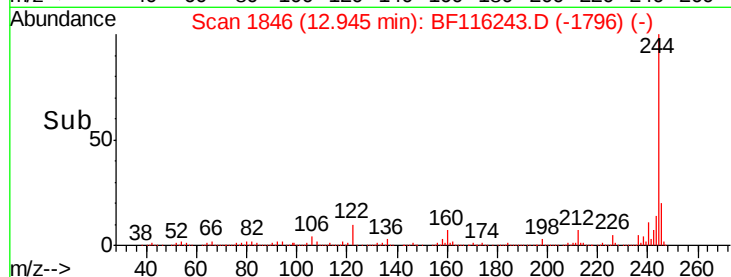
122 10.5 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF116243.D

Acq: 13 Aug 2019 21:15

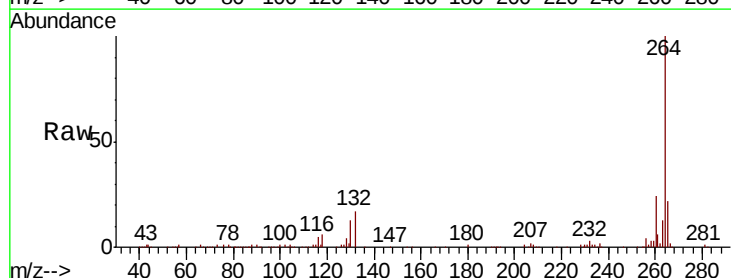
Tgt Ion:264 Resp: 381818

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.5 17.4 26.0



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

