

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116332.D
 Acq On : 16 Aug 2019 21:55
 Operator : HP/JU
 Sample : K4227-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-O-(0-1)-COMP

Quant Time: Aug 17 04:49:51 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	6.82	152	152130	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	600160	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	316882	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	565480	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	368813	20.00	ng	-0.03
87) Perylene-d12	15.44	264	310224	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1084068	119.29	ng	0.00
7) Phenol-d6	6.46	99	1290101	112.52	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1005783	96.74	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	425724	138.57	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1684191	99.55	ng	-0.04
79) Terphenyl-d14	12.92	244	1720150	98.28	ng	-0.03

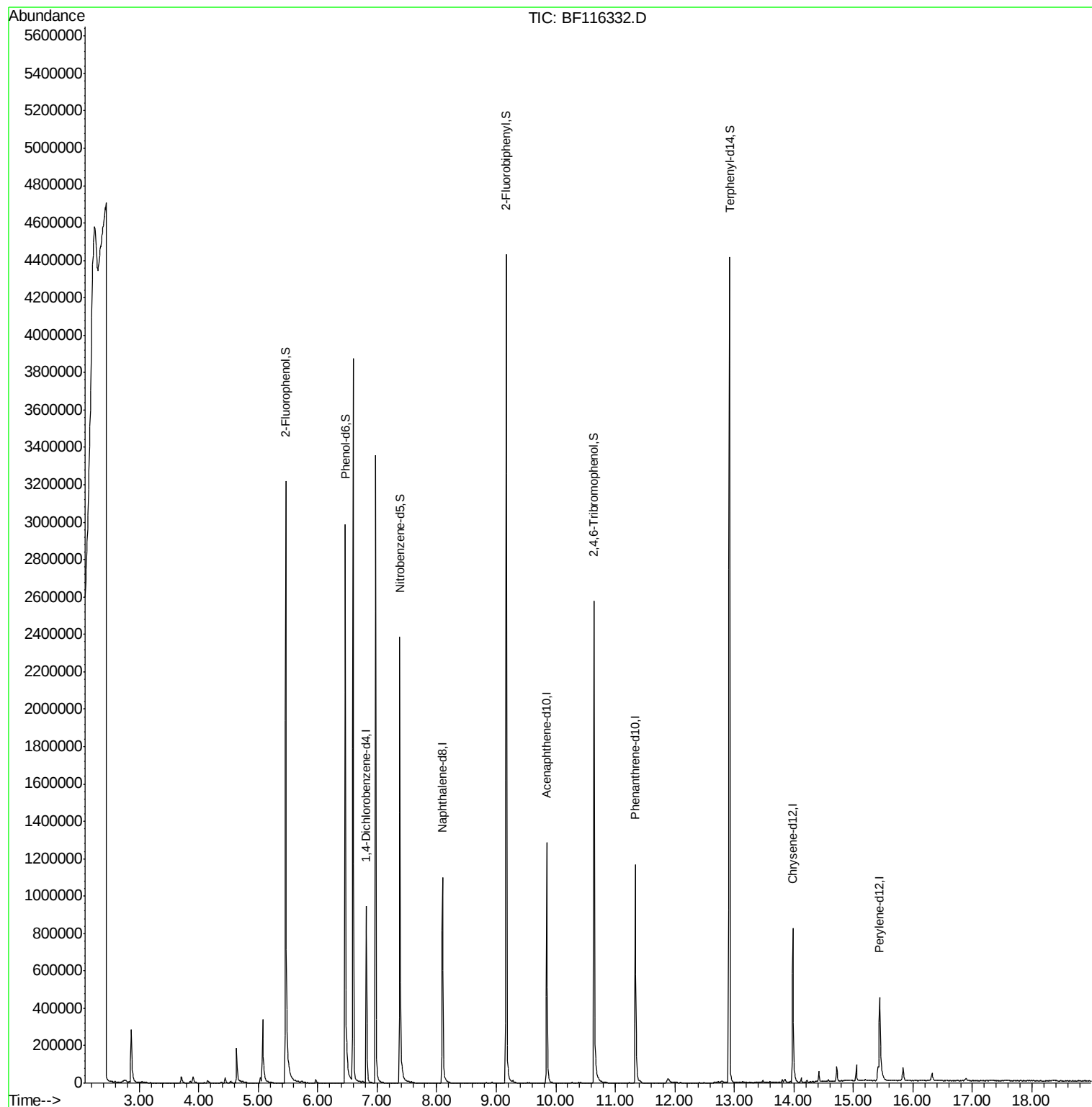
Target Compounds Qvalue

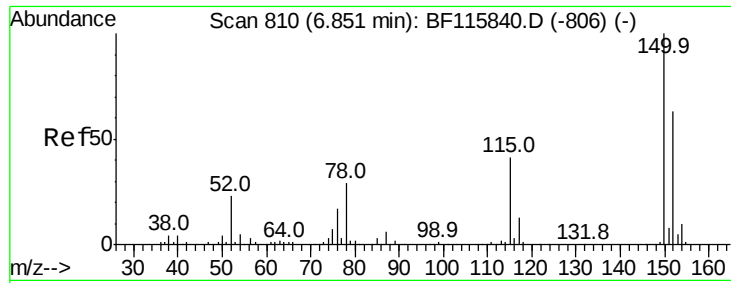
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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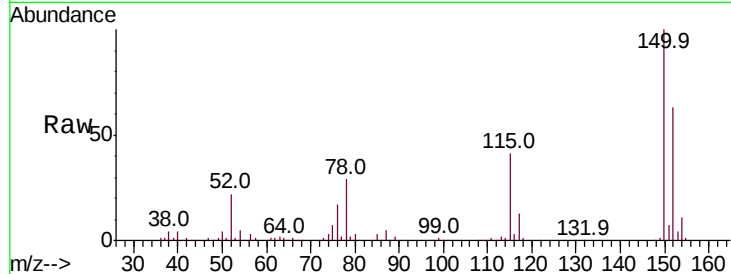


#1

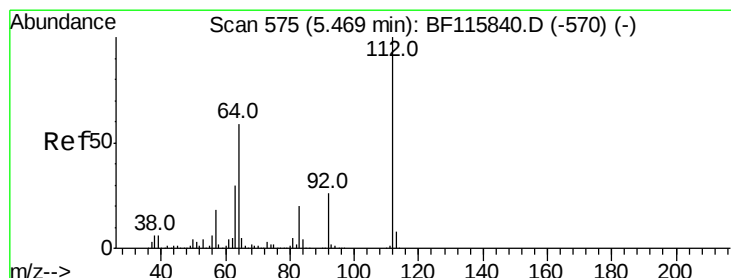
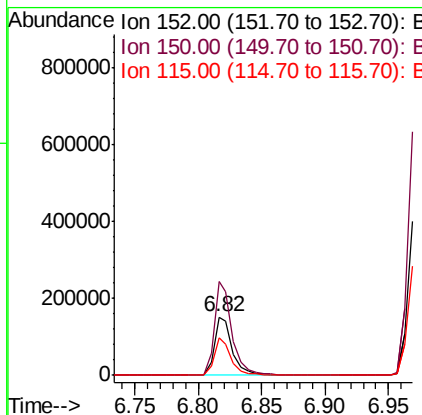
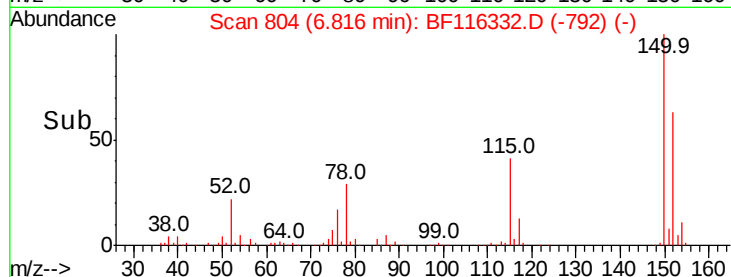
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Instrument :
BNA_F
ClientSampleId :
1S-O-(0-1)-COMP

Tot Ion:152 Resp: 152130
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 65.2 49.9 74.9



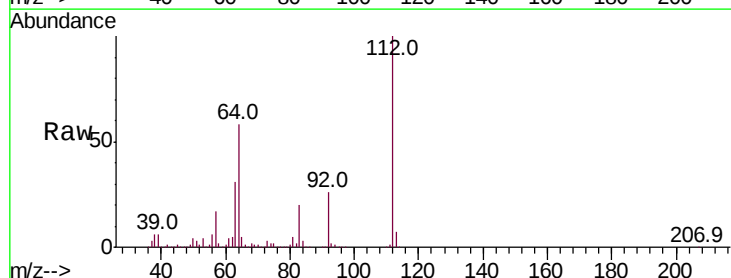
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



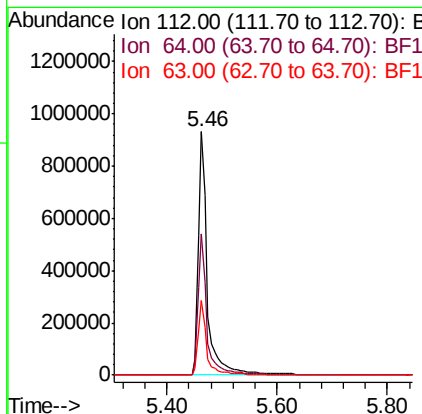
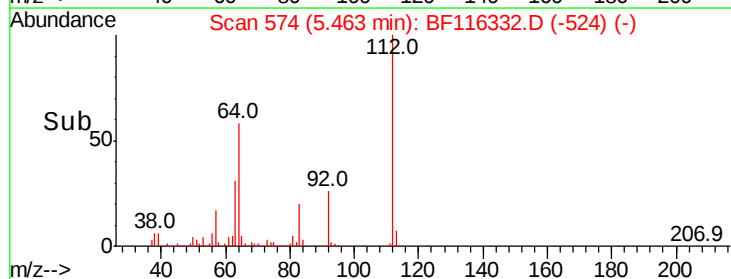
#5

2-Fluorophenol
Concen: 119.292 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116332.D
Acq: 16 Aug 2019 21:55

Tgt Ion:112 Resp: 1084068
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 30.5 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: 112.521 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

1S-O-(0-1)-COMP

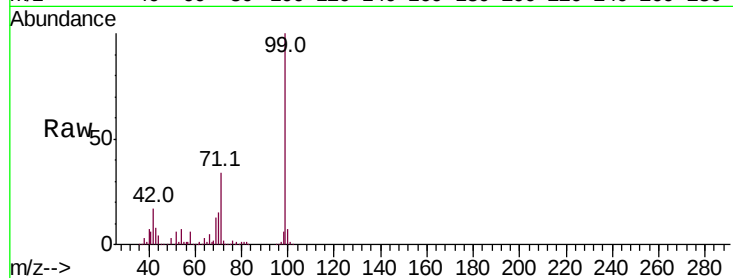
Tot Ion: 99 Resp: 1290101

Ion Ratio Lower Upper

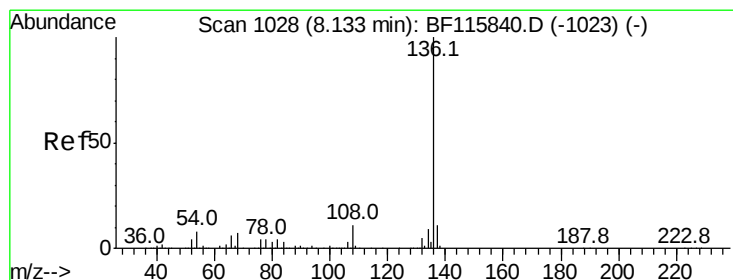
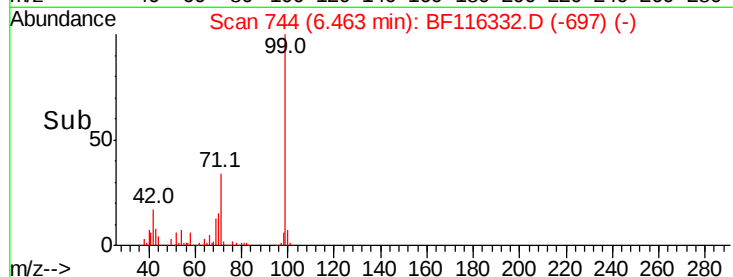
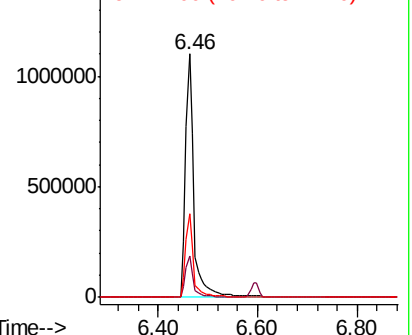
99 100

42 16.7 13.8 20.8

71 34.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Tgt Ion: 136 Resp: 600160

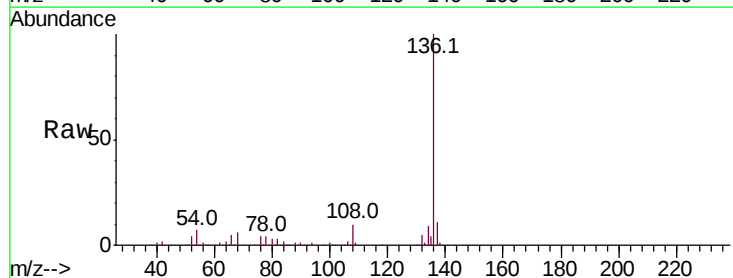
Ion Ratio Lower Upper

136 100

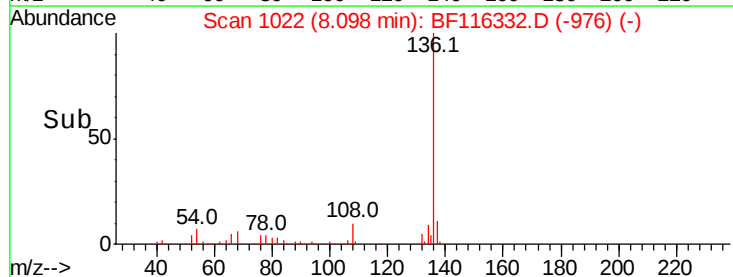
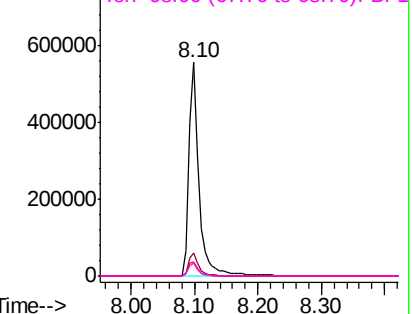
137 11.0 9.0 13.4

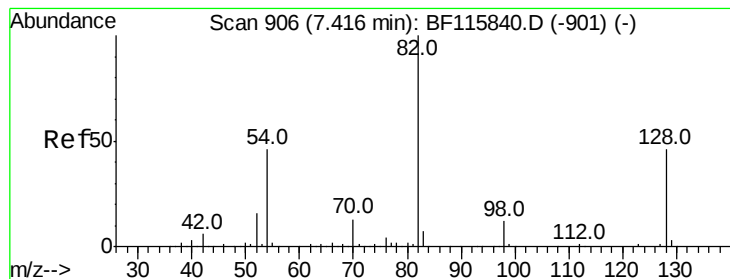
54 6.8 5.8 8.6

68 6.1 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
800000
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: 96.736 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

1S-O-(0-1)-COMP

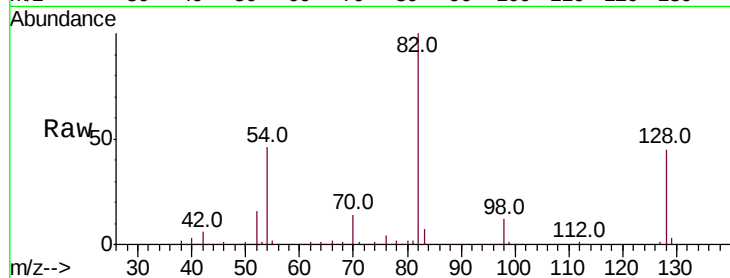
Tot Ion: 82 Resp: 1005783

Ion Ratio Lower Upper

82 100

128 44.6 36.5 54.7

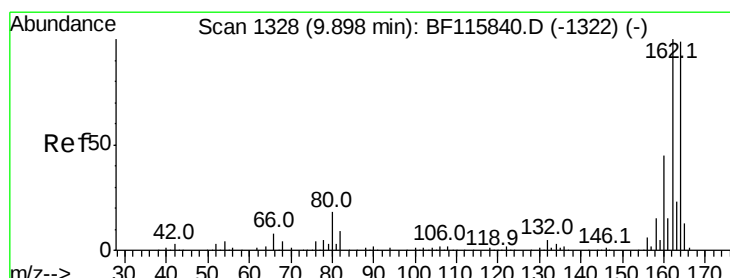
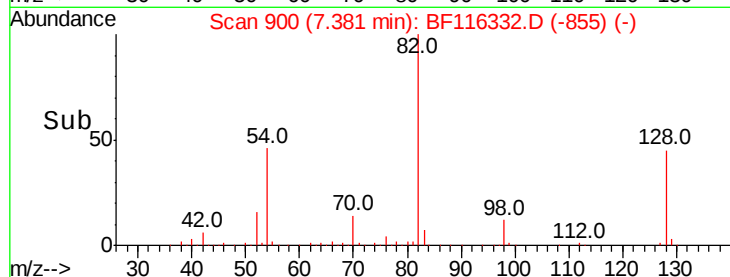
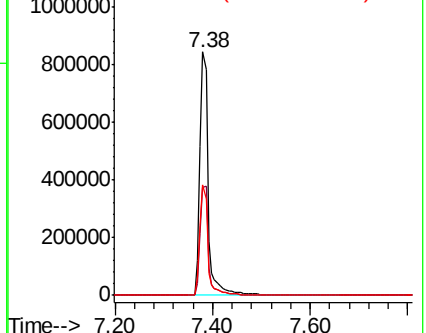
54 45.5 36.0 54.0



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: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

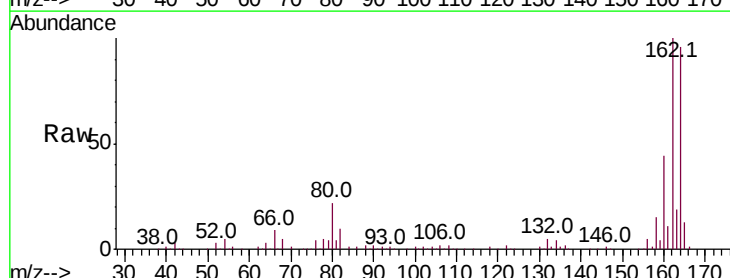
Tgt Ion:164 Resp: 316882

Ion Ratio Lower Upper

164 100

162 103.7 82.6 124.0

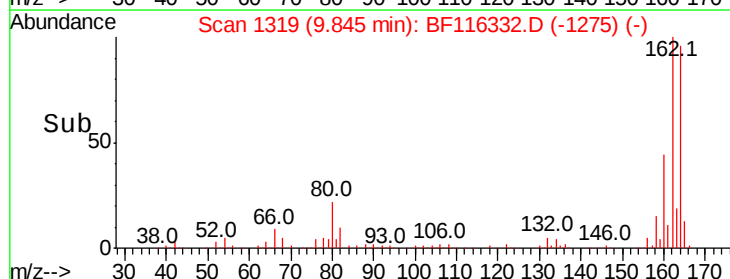
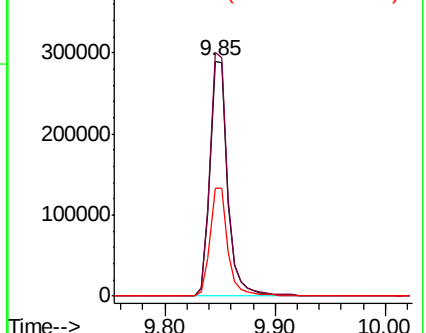
160 46.1 37.6 56.4

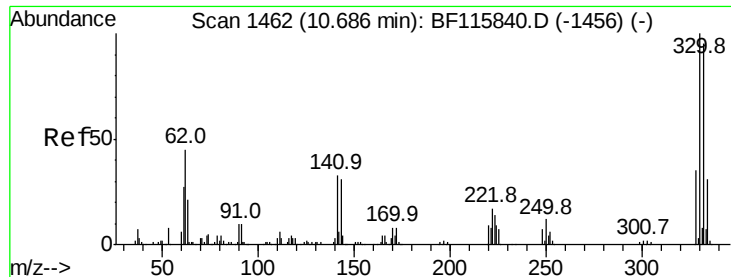


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 138.570 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

1S-O-(0-1)-COMP

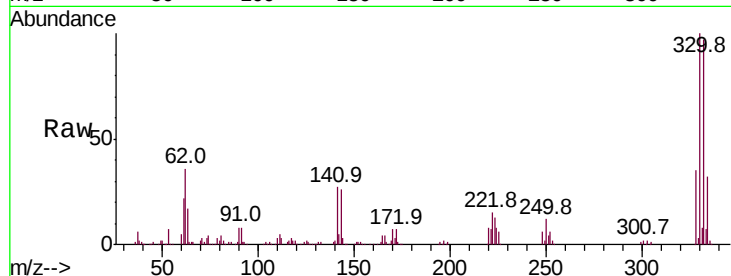
Tot Ion:330 Resp: 425724

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

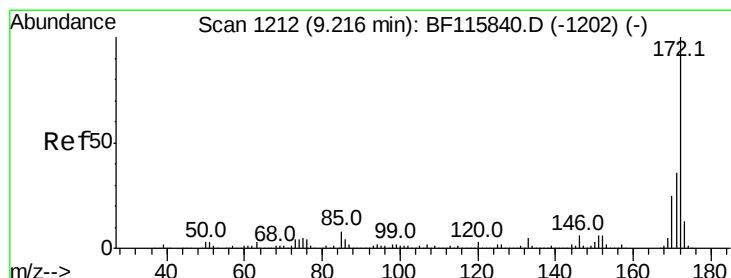
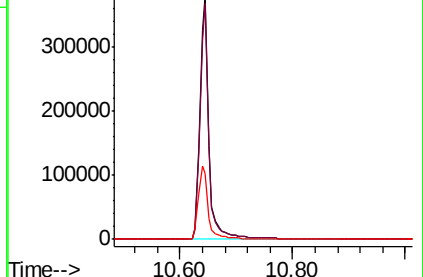
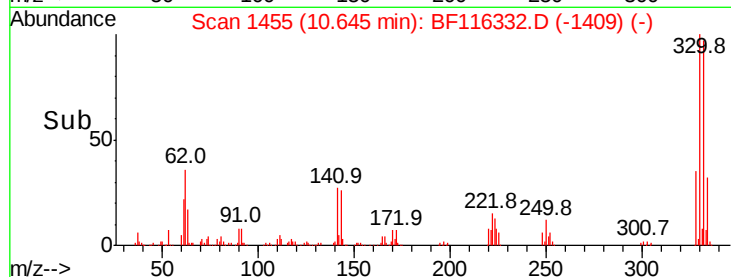
141 32.8 26.3 39.5



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: 99.552 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

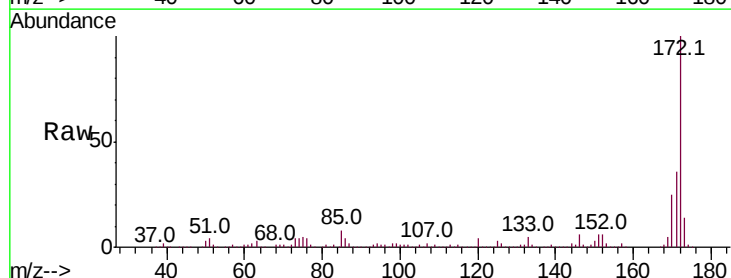
Tgt Ion:172 Resp: 1684191

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

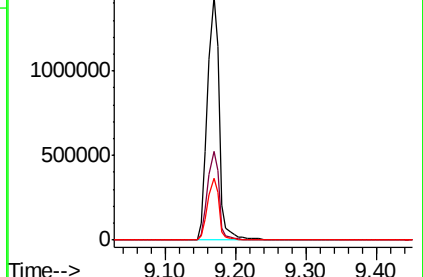
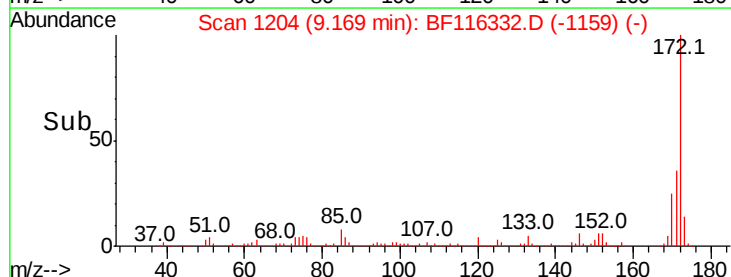
170 25.3 20.1 30.1

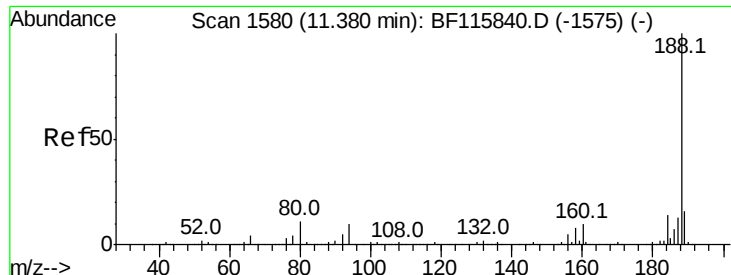


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

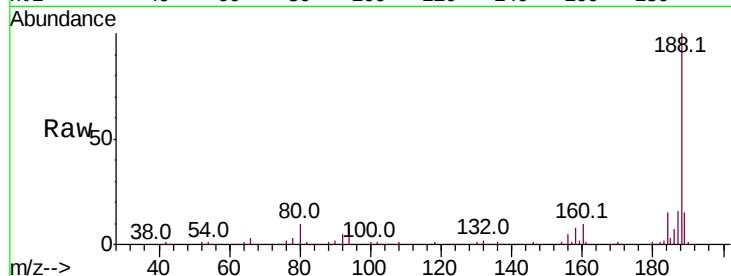




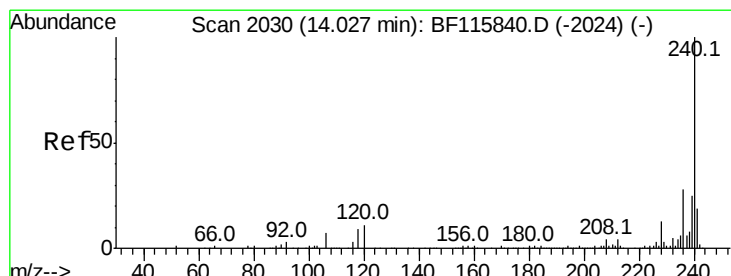
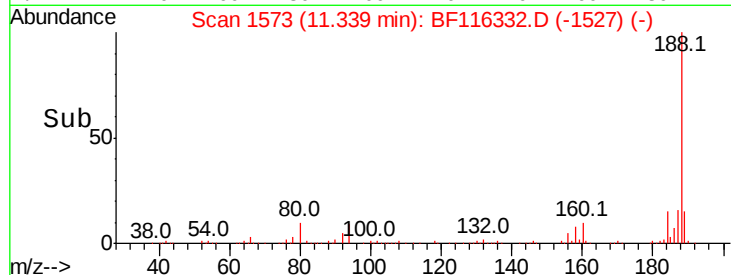
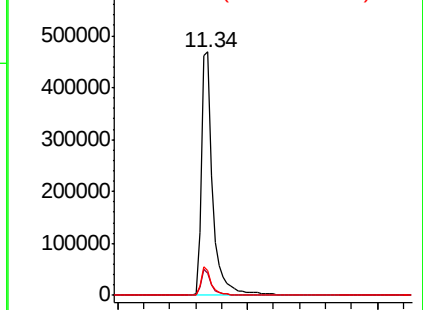
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116332.D
 Acq: 16 Aug 2019 21:55

Instrument :
 BNA_F
 ClientSampleId :
 1S-O-(0-1)-COMP

Tot Ion:188 Resp: 565480
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.1 12.1
 80 10.1 8.7 13.1

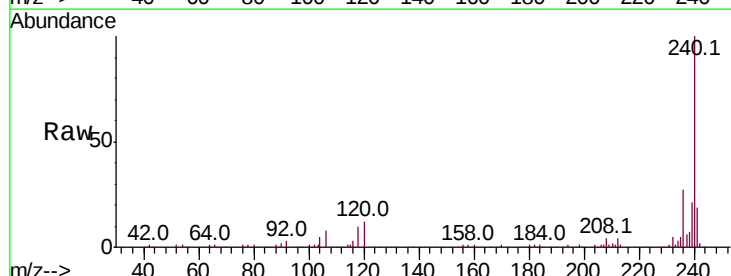


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

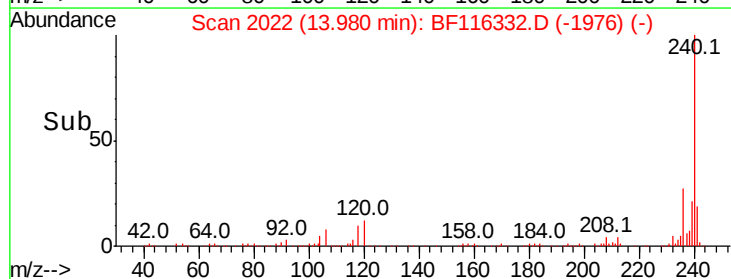
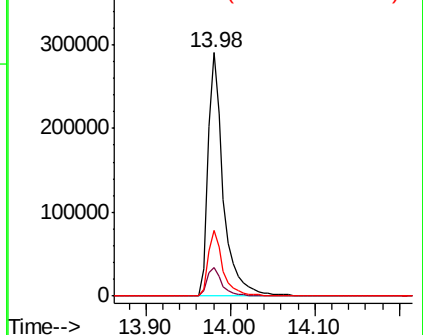


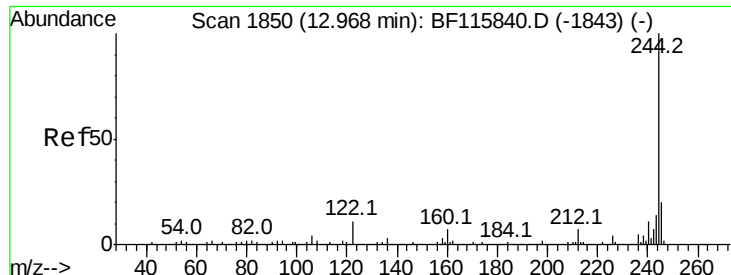
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116332.D
 Acq: 16 Aug 2019 21:55

Tgt Ion:240 Resp: 368813
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.7 16.1
 236 27.2 22.2 33.2



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





#79

Terphenyl-d14

Concen: 98.279 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

1S-O-(0-1)-COMP

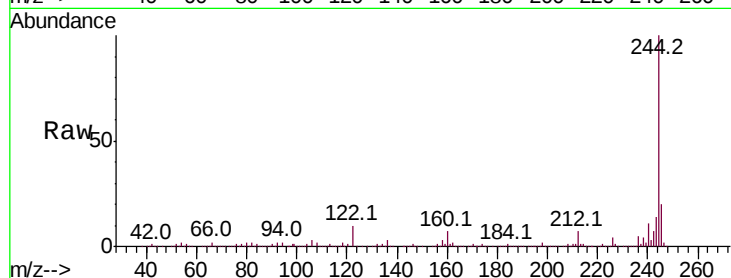
Tot Ion:244 Resp: 1720150

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

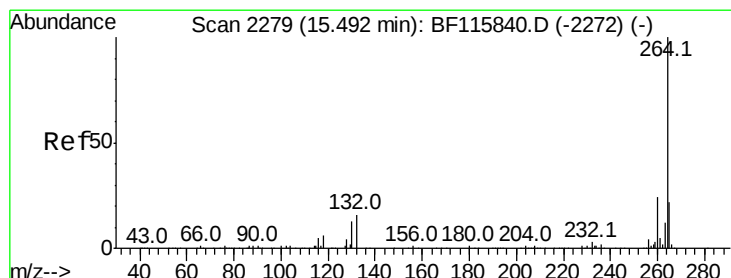
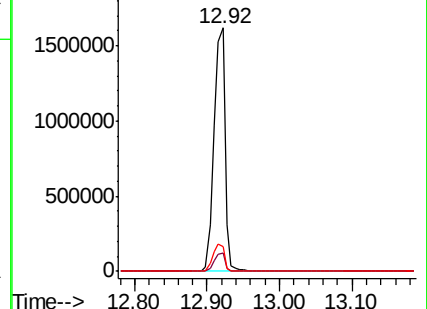
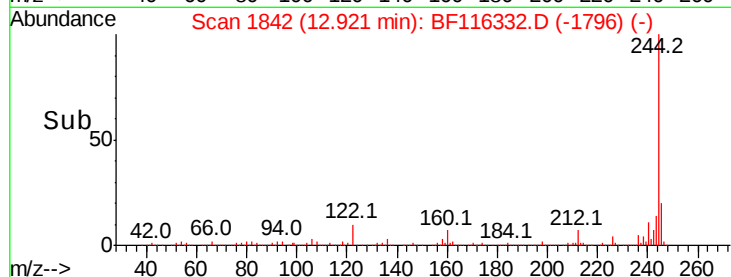
122 10.2 9.0 13.4



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: 15.44 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BF116332.D

Acq: 16 Aug 2019 21:55

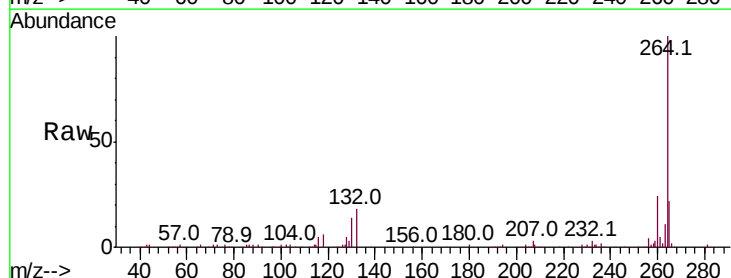
Tgt Ion:264 Resp: 310224

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.9 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

