

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116323.D
 Acq On : 16 Aug 2019 15:35
 Operator : HP/JU
 Sample : K4356-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Aug 17 04:10:56 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

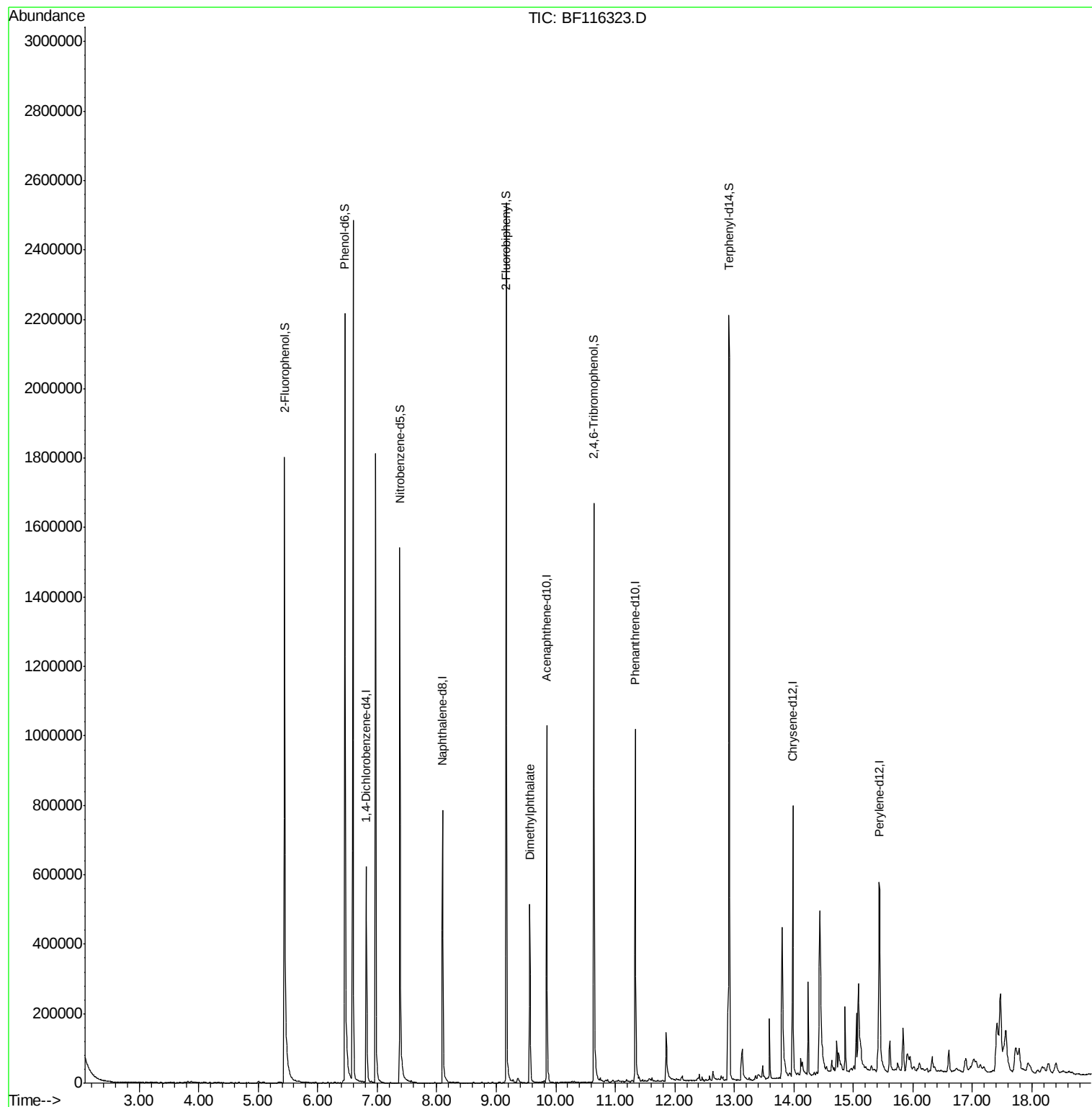
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	98859	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	386858	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	211869	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	393383	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	294018	20.00	ng	-0.03
87) Perylene-d12	15.43	264	299564	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	678053	114.82	ng	-0.03
7) Phenol-d6	6.46	99	856161	114.91	ng	-0.03
23) Nitrobenzene-d5	7.38	82	552188	82.39	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	220009	107.11	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	767134	67.82	ng	-0.04
79) Terphenyl-d14	12.92	244	785237	56.28	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	211143	14.636	ng	Qvalue 98

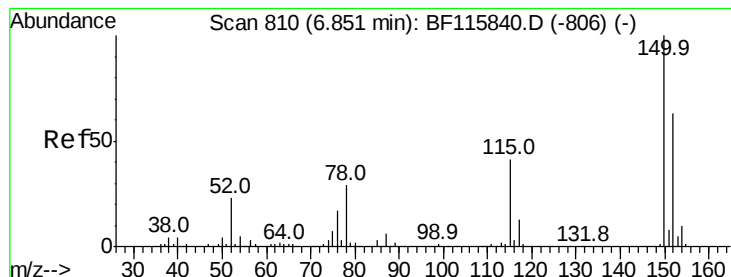
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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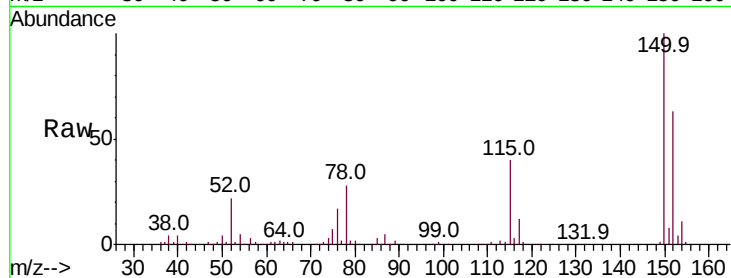


#1

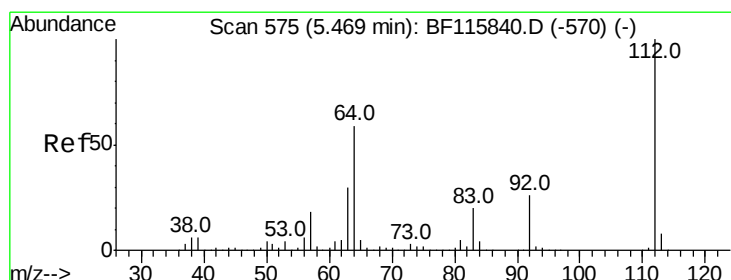
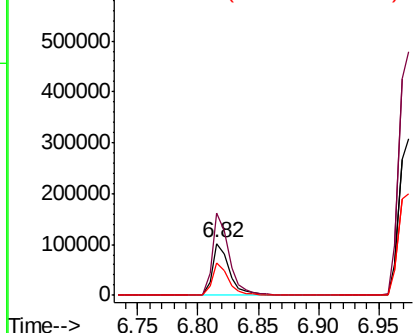
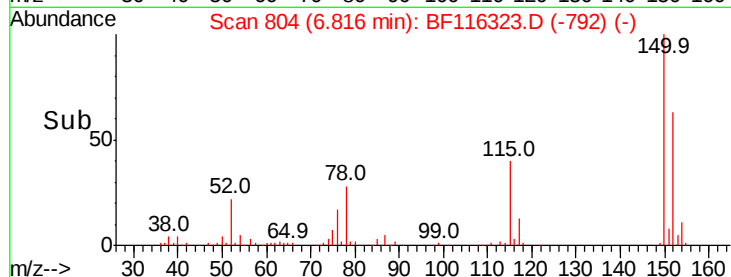
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:152 Resp: 98859
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 62.5 49.9 74.9



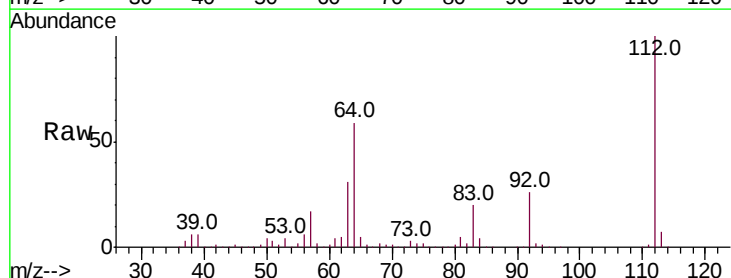
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



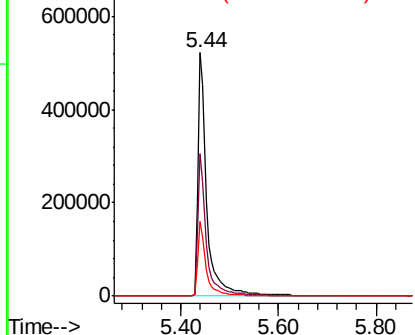
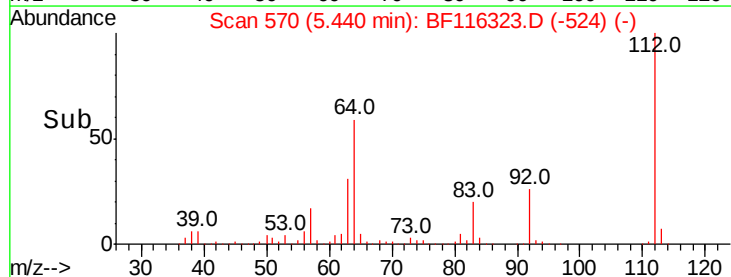
#5

2-Fluorophenol
Concen: 114.820 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

Tgt Ion:112 Resp: 678053
Ion Ratio Lower Upper
112 100
64 58.8 45.4 68.2
63 30.6 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: 114.911 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

Instrument :

BNA_F

ClientSampled :

TP-4

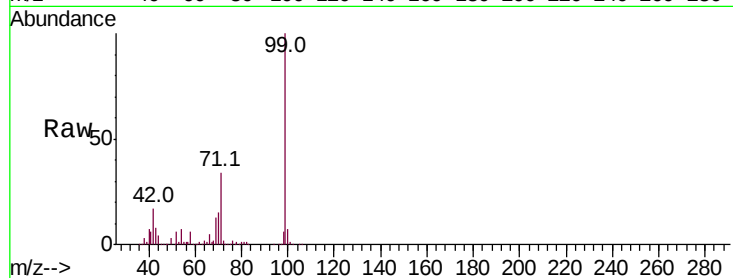
Tot Ion: 99 Resp: 856161

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

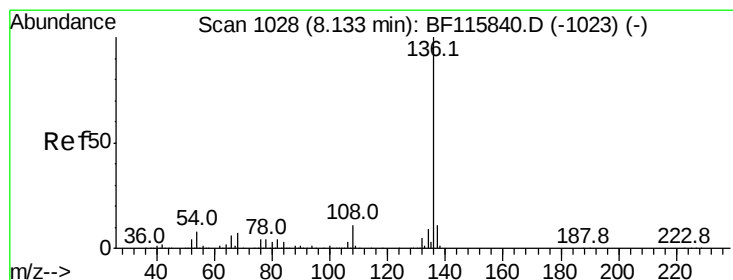
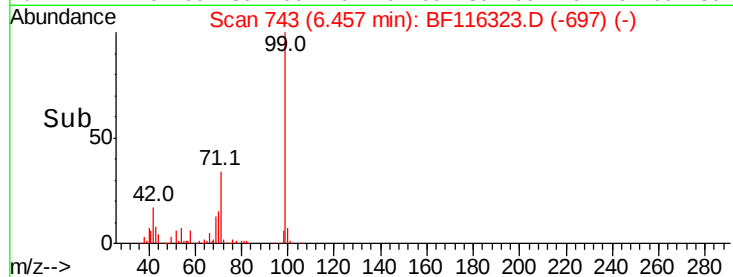
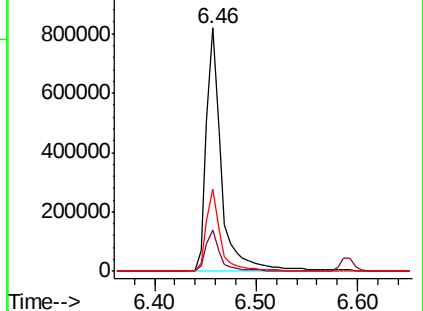
71 33.8 27.3 40.9



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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

Tgt Ion: 136 Resp: 386858

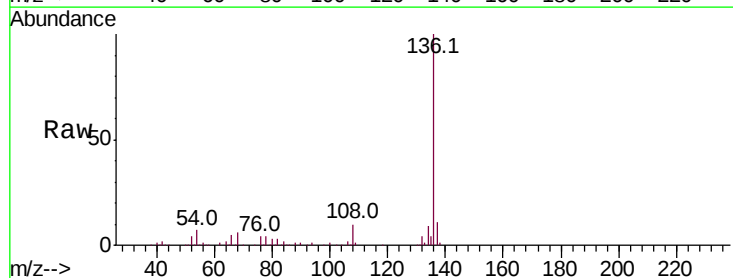
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.8 5.8 8.6

68 5.9 5.2 7.8

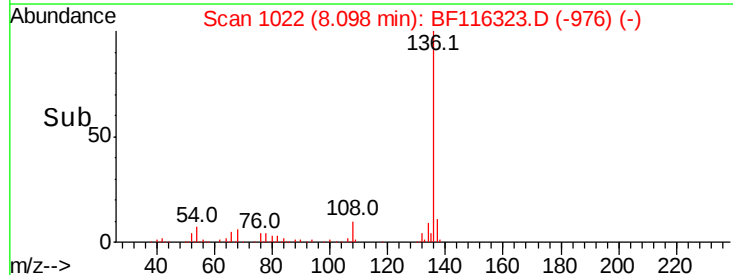
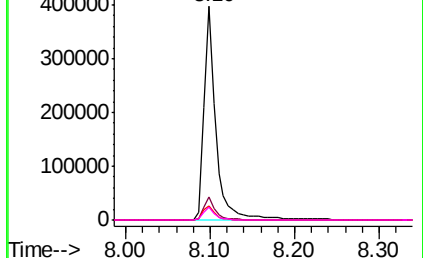


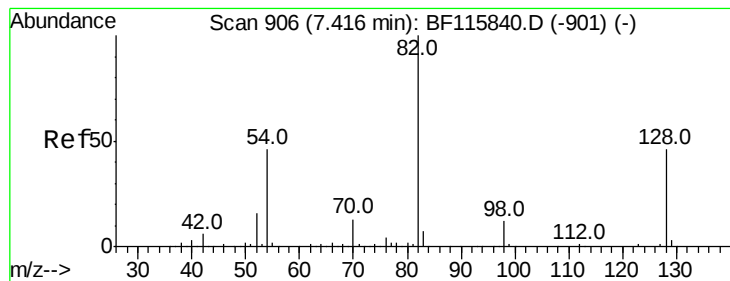
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.392 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

Instrument :

BNA_F

ClientSampleId :

TP-4

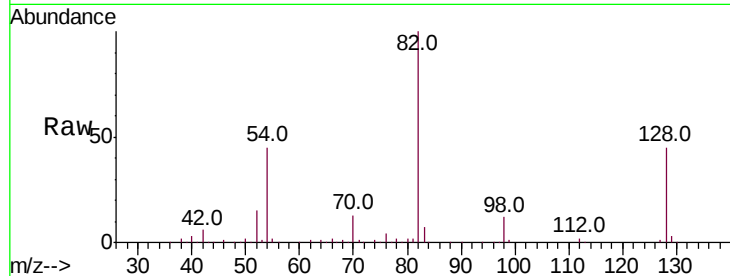
Tot Ion: 82 Resp: 552188

Ion Ratio Lower Upper

82 100

128 45.1 36.5 54.7

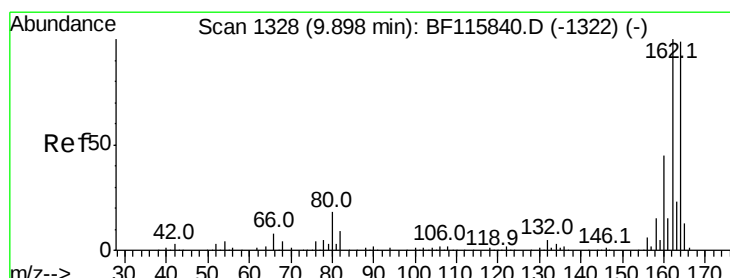
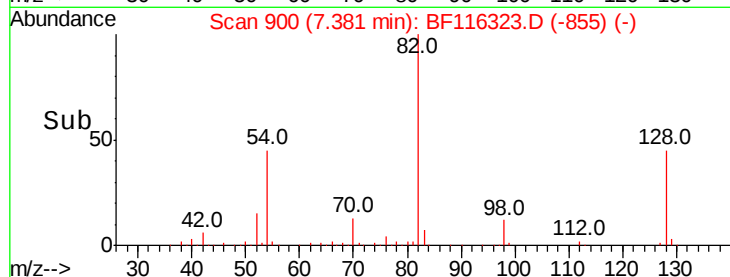
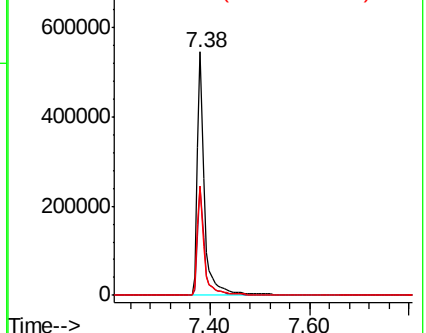
54 44.8 36.0 54.0



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: BF116323.D

Acq: 16 Aug 2019 15:35

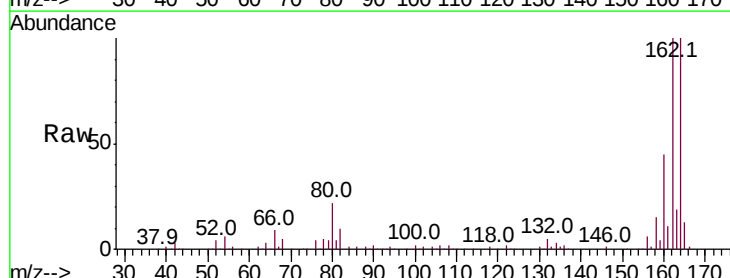
Tgt Ion: 164 Resp: 211869

Ion Ratio Lower Upper

164 100

162 100.2 82.6 124.0

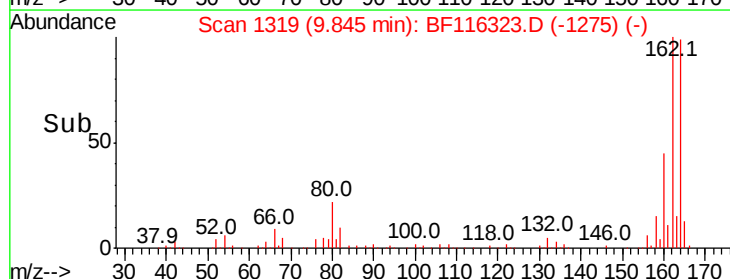
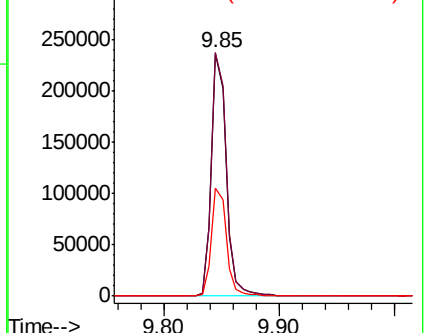
160 44.7 37.6 56.4

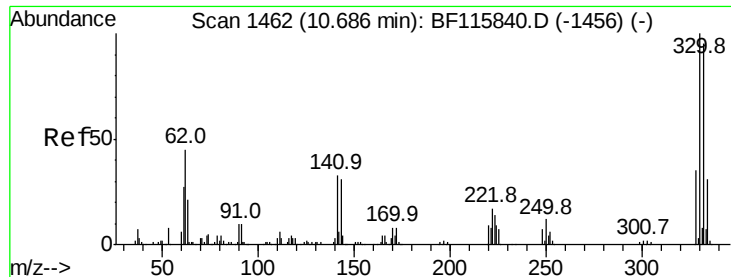


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 107.106 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

Instrument :

BNA_F

ClientSampleId :

TP-4

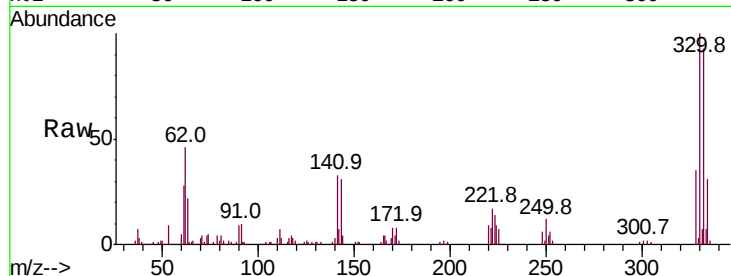
Tot Ion:330 Resp: 220009

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

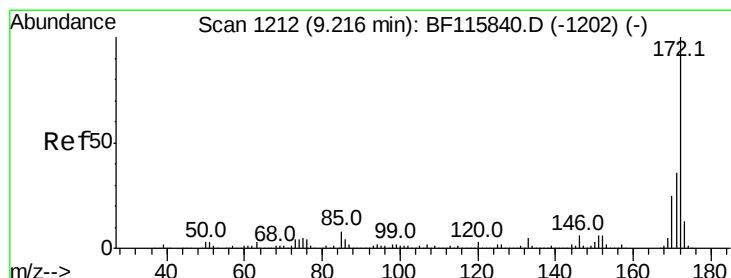
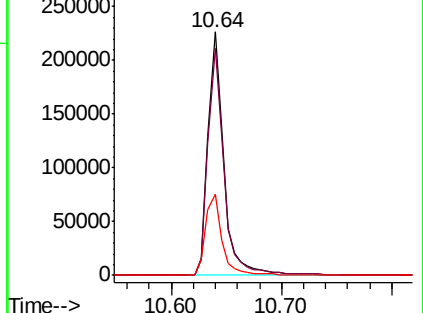
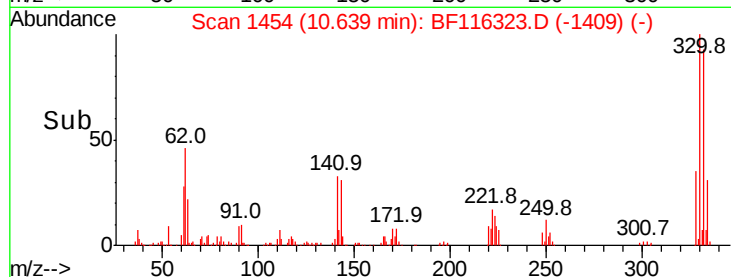
141 35.0 26.3 39.5



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: 67.820 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

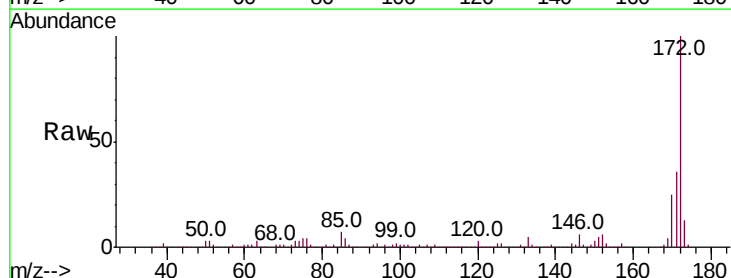
Tgt Ion:172 Resp: 767134

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

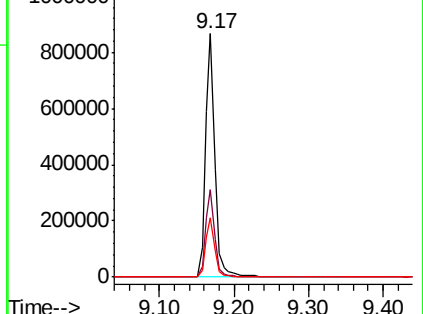
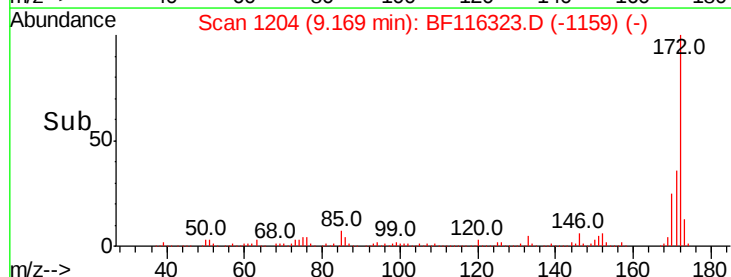
170 24.5 20.1 30.1

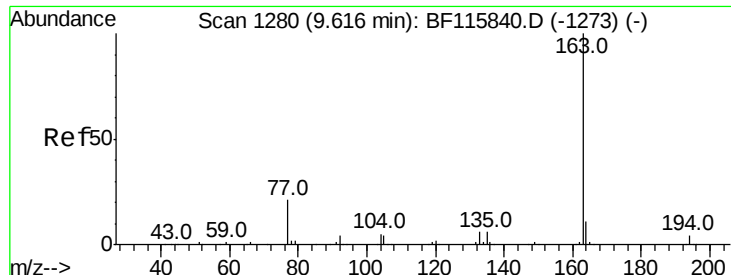


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.636 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

Instrument :

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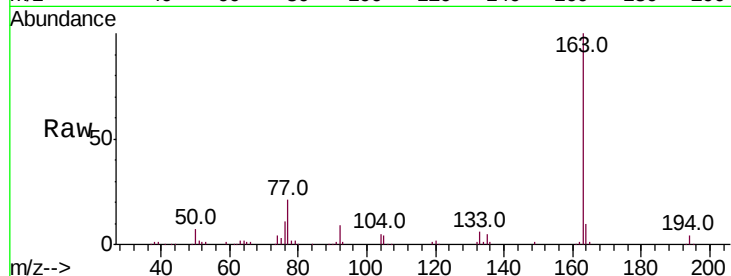
Tot Ion:163 Resp: 211143

Ion Ratio Lower Upper

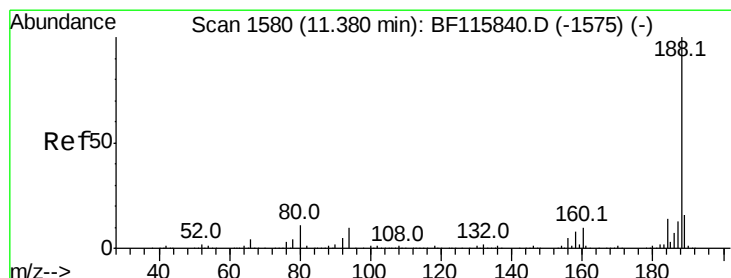
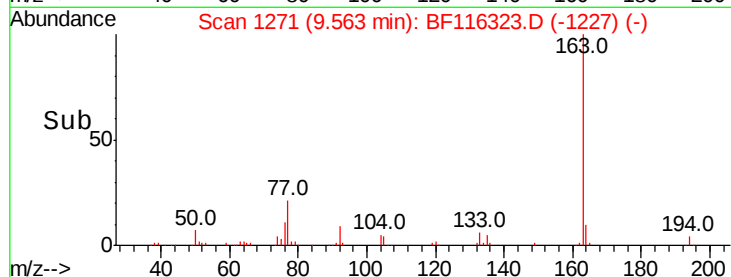
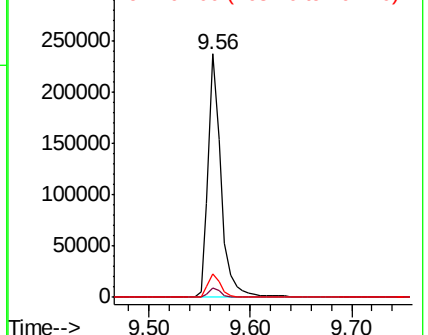
163 100

194 3.6 3.0 4.6

164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

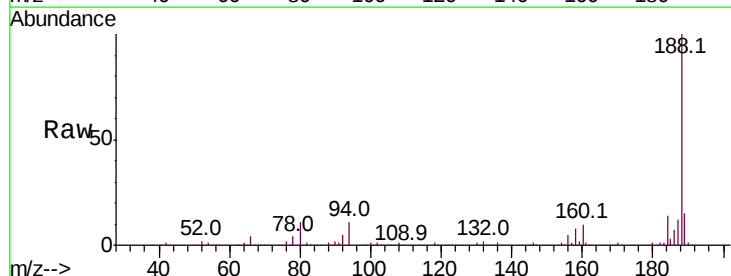
Tgt Ion:188 Resp: 393383

Ion Ratio Lower Upper

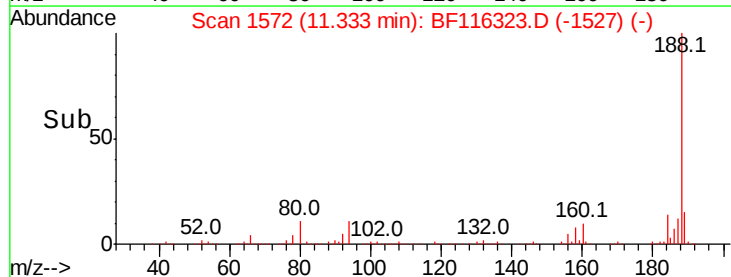
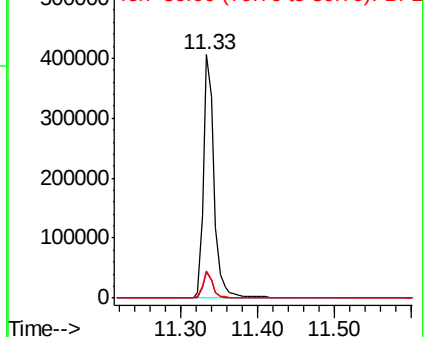
188 100

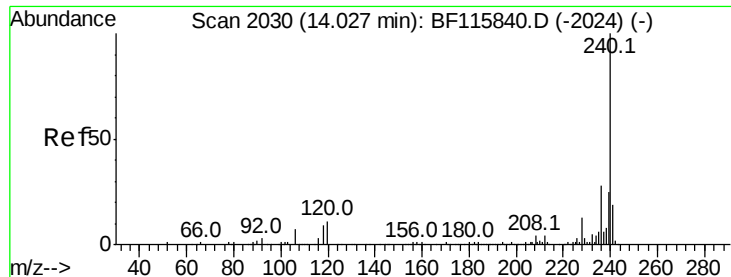
94 10.6 8.1 12.1

80 11.3 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

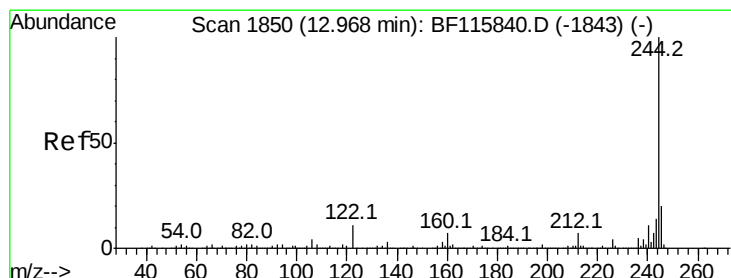
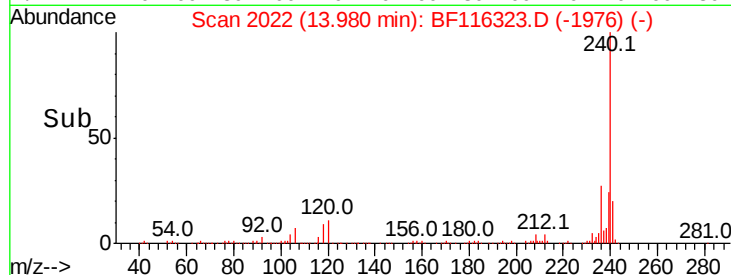
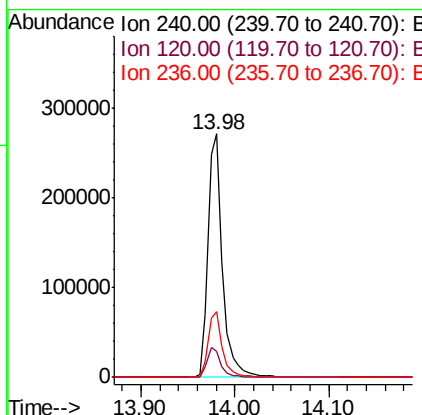
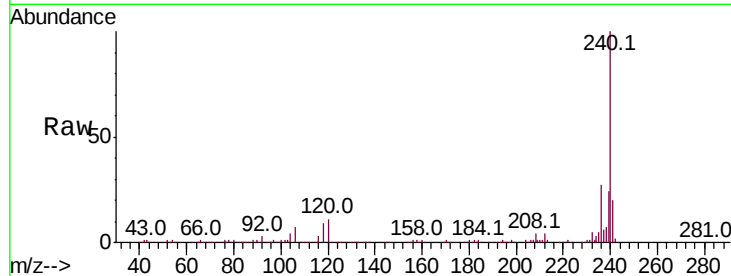




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116323.D
 Acq: 16 Aug 2019 15:35

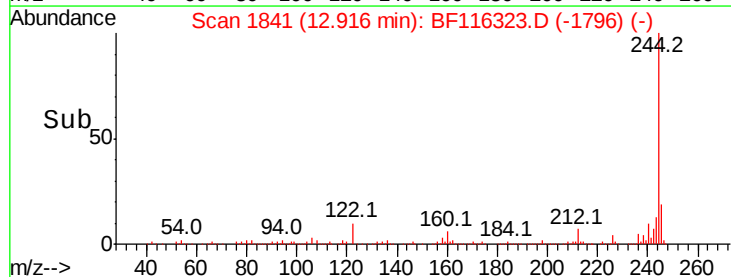
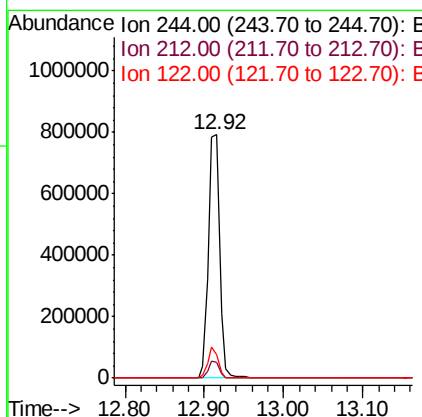
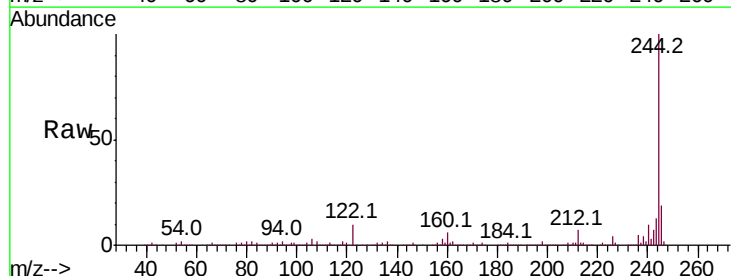
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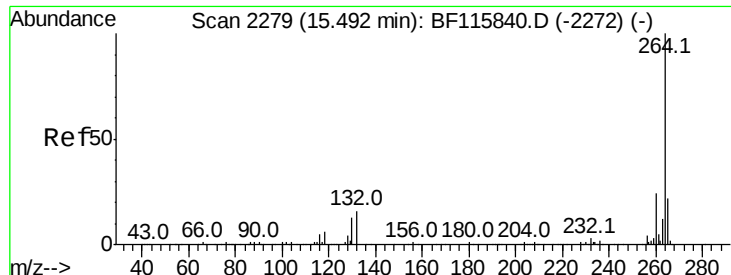
Tot Ion:240 Resp: 294018
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.7 16.1
 236 26.8 22.2 33.2



#79
 Terphenyl-d14
 Concen: 56.276 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116323.D
 Acq: 16 Aug 2019 15:35

Tgt Ion:244 Resp: 785237
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 9.8 9.0 13.4

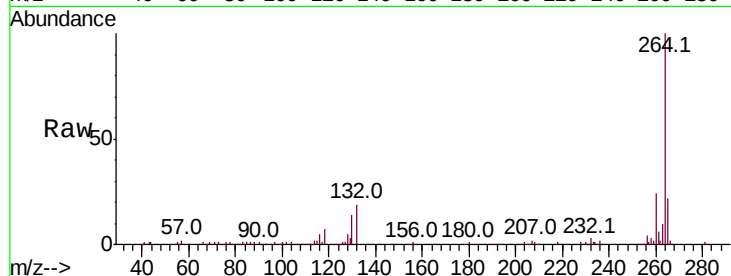




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116323.D
 Acq: 16 Aug 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion: 264 Resp: 299564
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 22.0 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

