

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118813.D
 Acq On : 4 Feb 2020 20:44
 Operator : CG/JU
 Sample : L1383-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C-1

Quant Time: Feb 05 07:03:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	268562	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1030377	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	582591	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1111926	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	839038	20.00	ng	-0.02
87) Perylene-d12	15.40	264	772581	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1851647	130.51	ng	0.01
7) Phenol-d6	6.45	99	2166767	123.03	ng	0.00
23) Nitrobenzene-d5	7.37	82	1481347	85.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	972267	139.48	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2983002	91.53	ng	-0.01
79) Terphenyl-d14	12.92	244	3929404	96.20	ng	-0.01

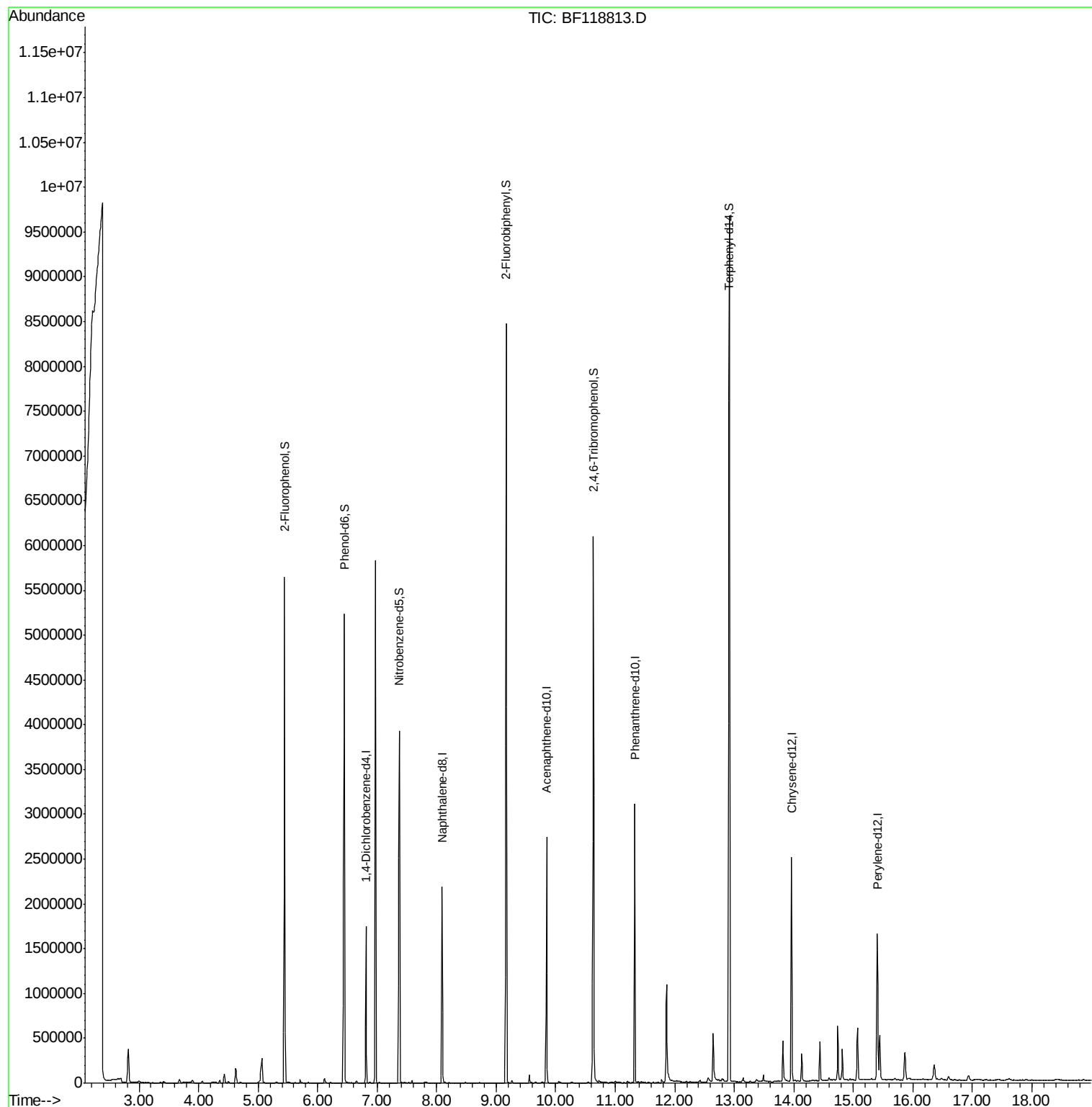
Target Compounds Qvalue

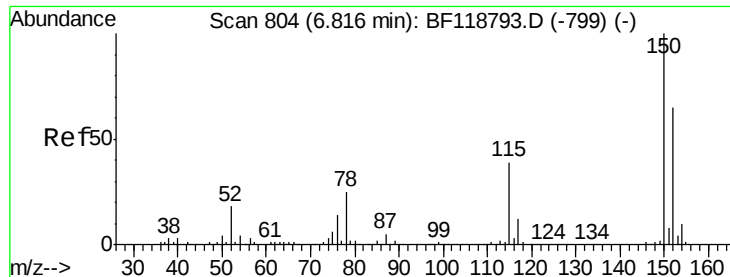
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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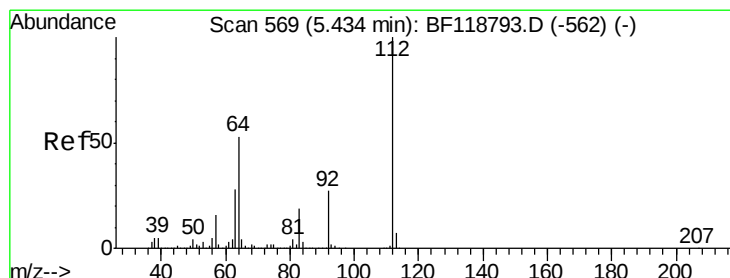
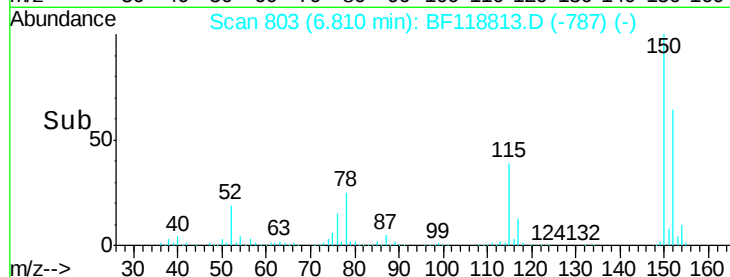
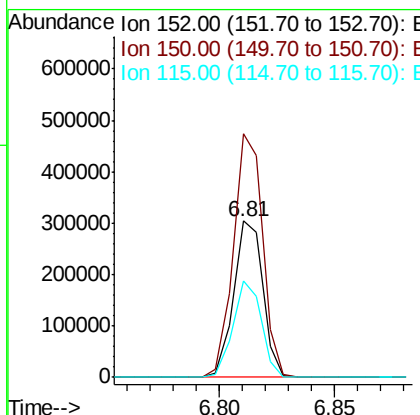
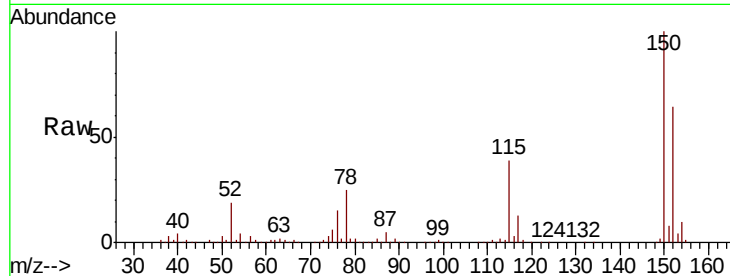


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118813.D
 Acq: 4 Feb 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-C-1

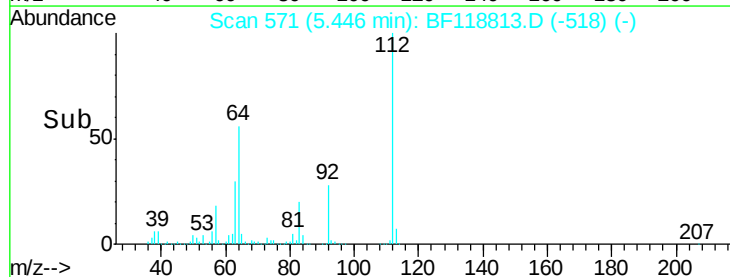
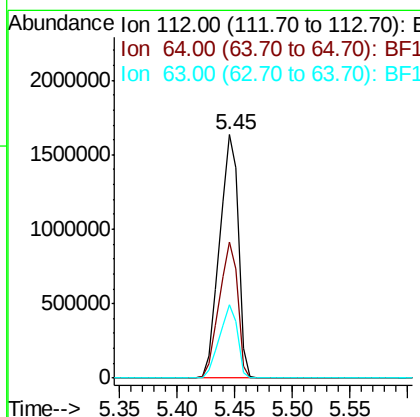
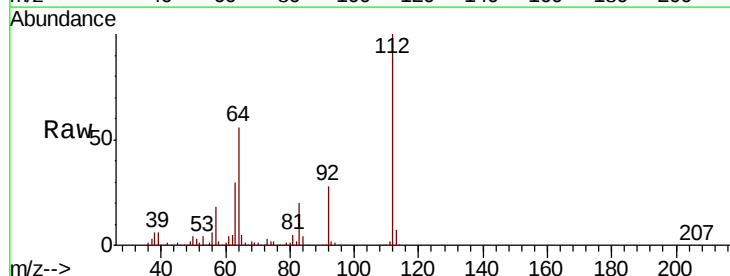
Tot Ion:152 Resp: 268562
 Ion Ratio Lower Upper
 152 100
 150 155.9 123.6 185.4
 115 61.5 48.2 72.2

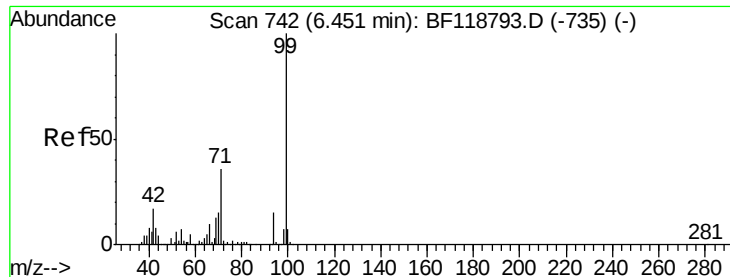


#5

2-Fluorophenol
 Concen: 130.511 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF118813.D
 Acq: 4 Feb 2020 20:44

Tgt Ion:112 Resp: 1851647
 Ion Ratio Lower Upper
 112 100
 64 56.1 42.6 63.8
 63 30.0 22.2 33.4





#7

Phenol-d6

Concen: 123.029 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118813.D

Acq: 4 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-C-1

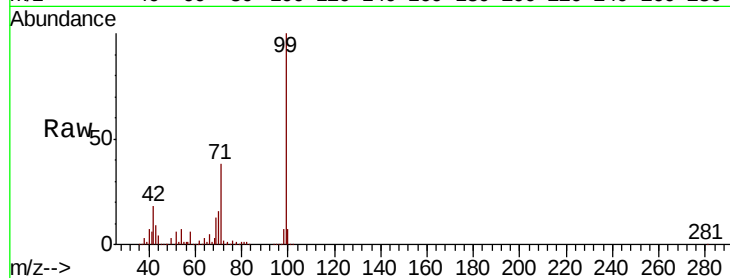
Tot Ion: 99 Resp: 2166767

Ion Ratio Lower Upper

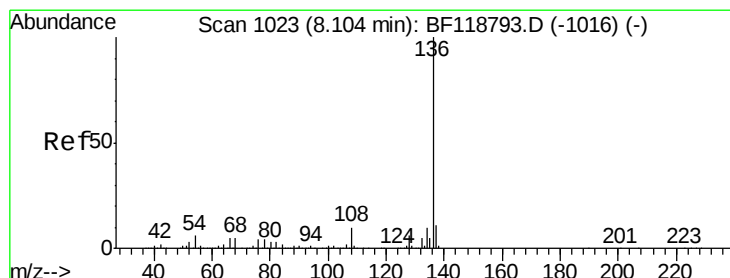
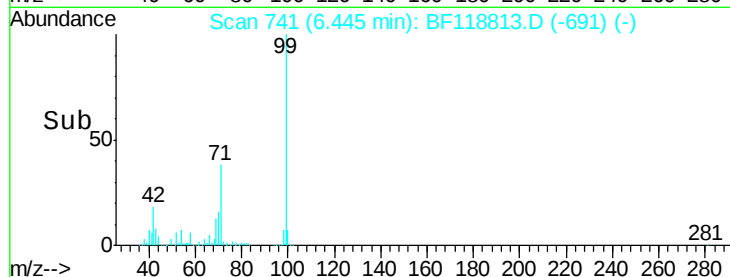
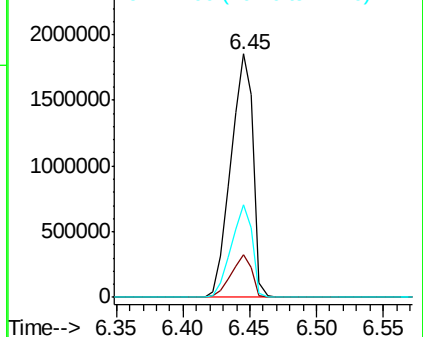
99 100

42 17.8 13.4 20.0

71 37.9 29.0 43.6



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118813.D

Acq: 4 Feb 2020 20:44

Tgt Ion: 136 Resp: 1030377

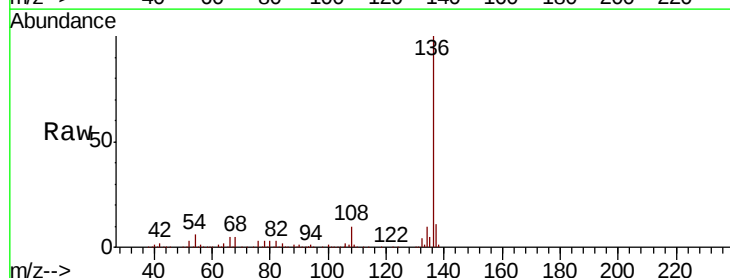
Ion Ratio Lower Upper

136 100

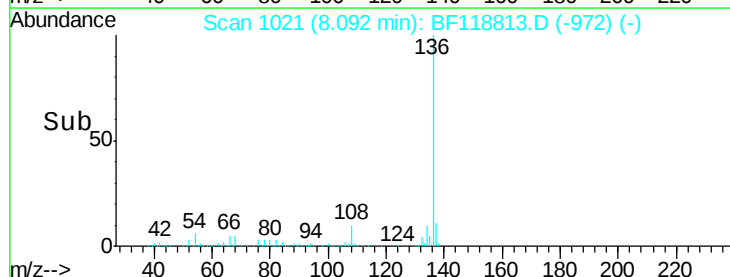
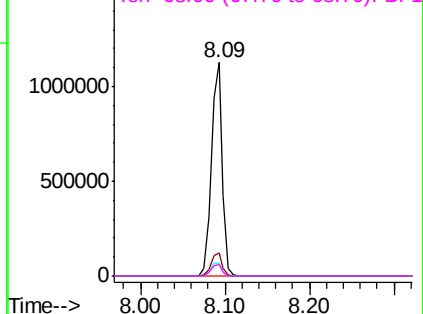
137 11.1 8.7 13.1

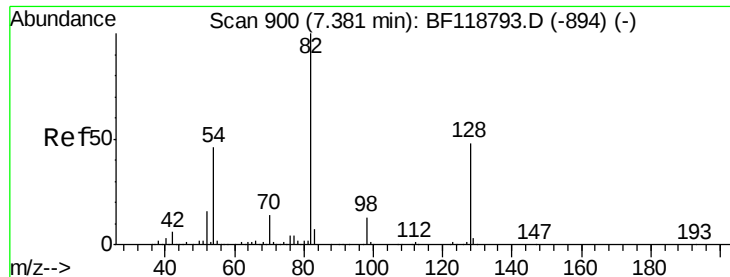
54 6.3 5.0 7.6

68 5.3 4.2 6.4



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

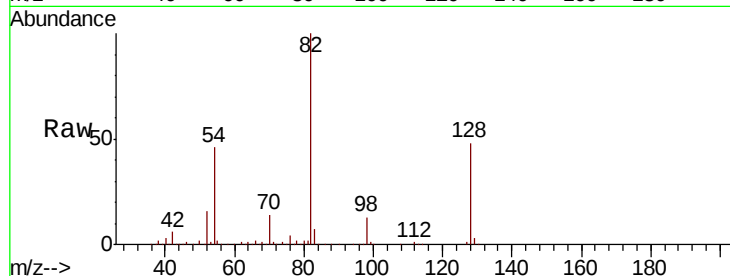




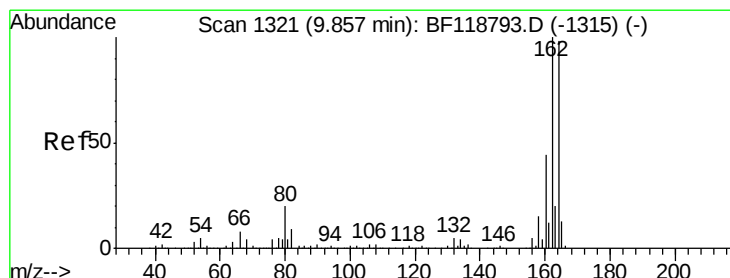
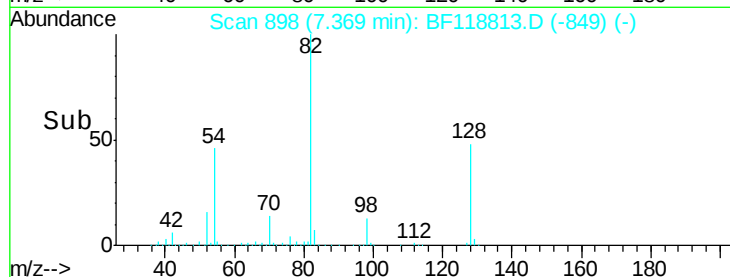
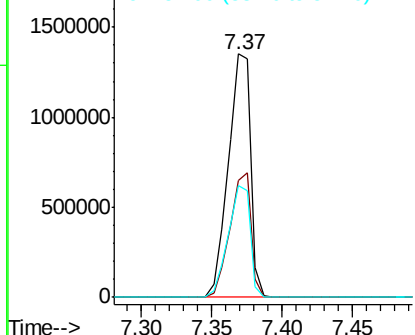
#23
 Nitrobenzene-d5
 Concen: 85.693 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF118813.D
 Acq: 4 Feb 2020 20:44

Instrument :
 BNA_F
 ClientSampled :
 TP-C-1

Tot Ion: 82 Resp: 1481347
 Ion Ratio Lower Upper
 82 100
 128 48.0 38.5 57.7
 54 45.7 36.7 55.1

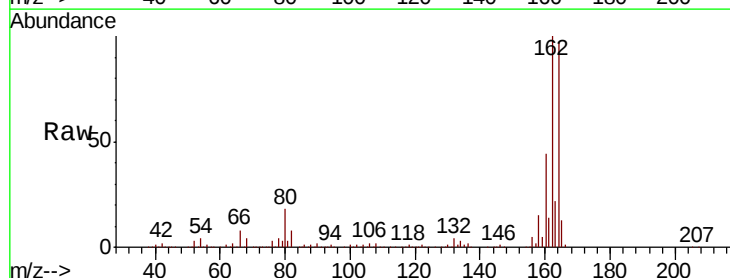


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

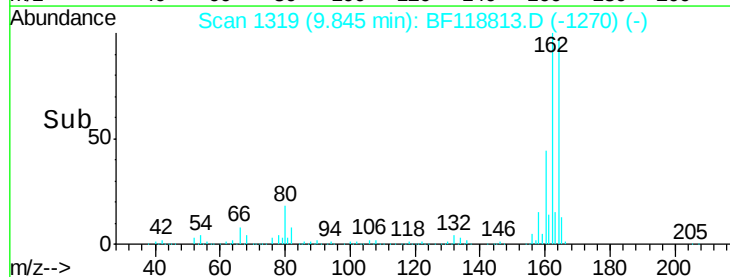
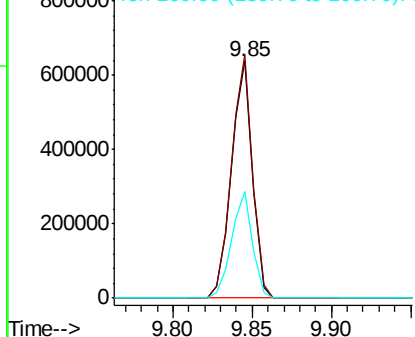


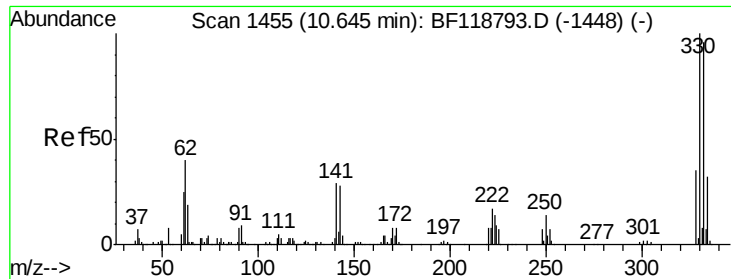
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF118813.D
 Acq: 4 Feb 2020 20:44

Tgt Ion:164 Resp: 582591
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.4 122.2
 160 44.9 35.6 53.4



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: 139.476 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118813.D

Acq: 4 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-C-1

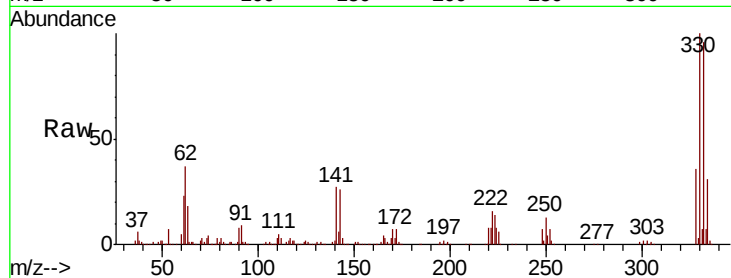
Tot Ion:330 Resp: 972267

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

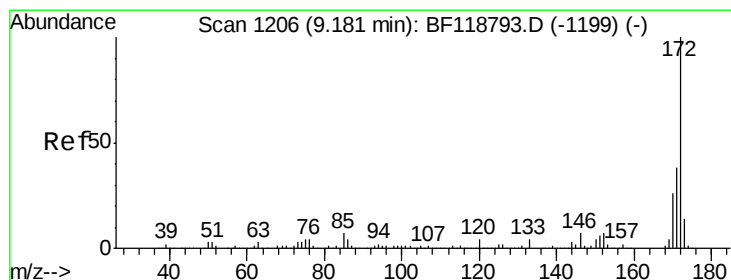
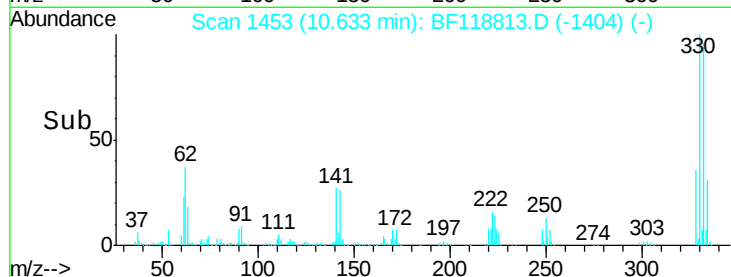
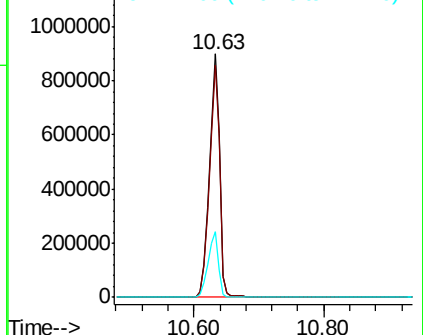
141 27.4 22.4 33.6



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: 91.534 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118813.D

Acq: 4 Feb 2020 20:44

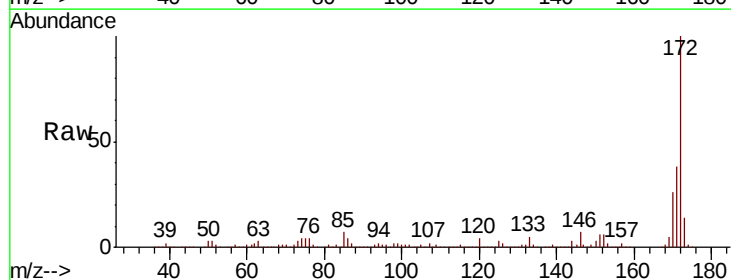
Tgt Ion:172 Resp: 2983002

Ion Ratio Lower Upper

172 100

171 38.5 30.8 46.2

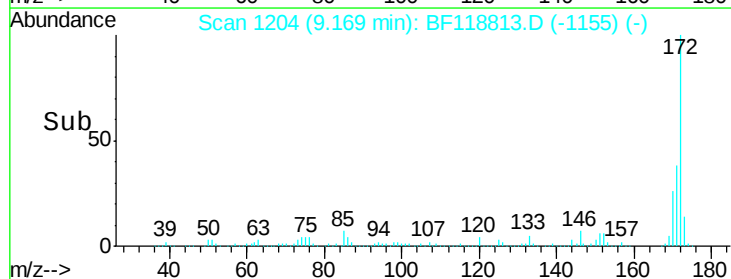
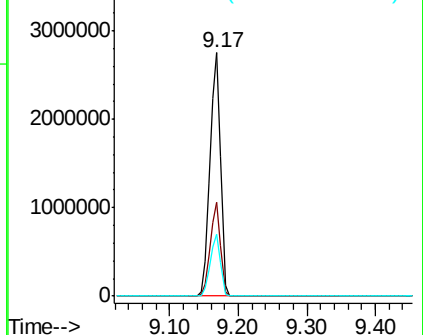
170 25.7 20.5 30.7

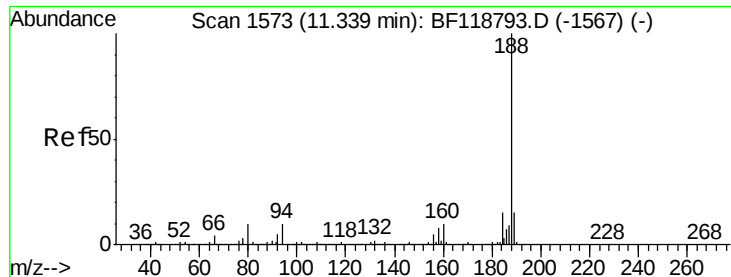


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF118813.D

Acq: 4 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-C-1

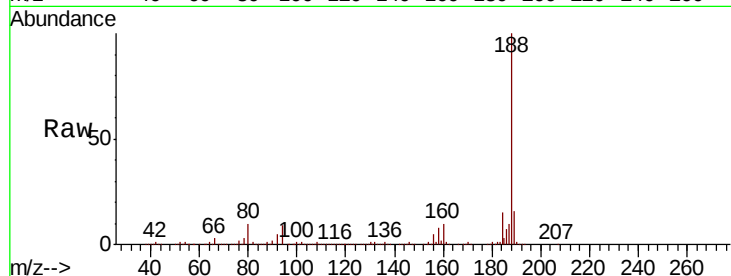
Tot Ion:188 Resp: 1111926

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

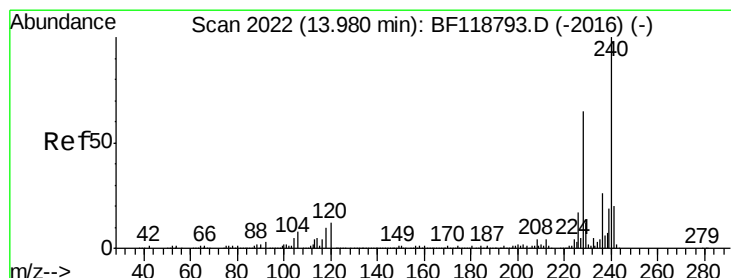
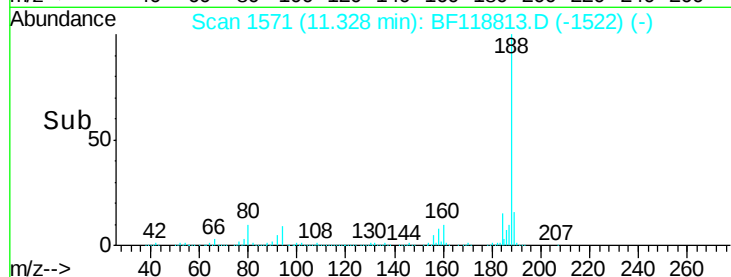
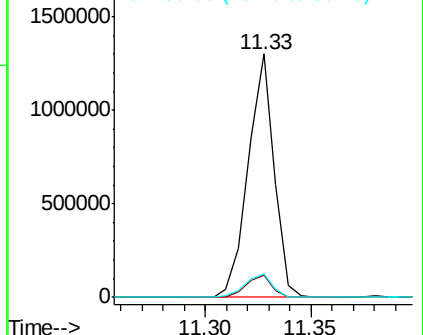
80 9.7 8.4 12.6



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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF118813.D

Acq: 4 Feb 2020 20:44

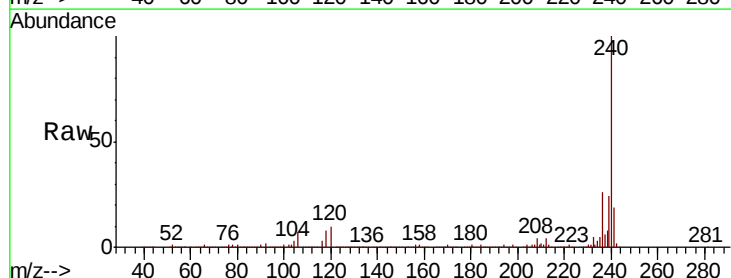
Tgt Ion:240 Resp: 839038

Ion Ratio Lower Upper

240 100

120 9.6 9.4 14.0

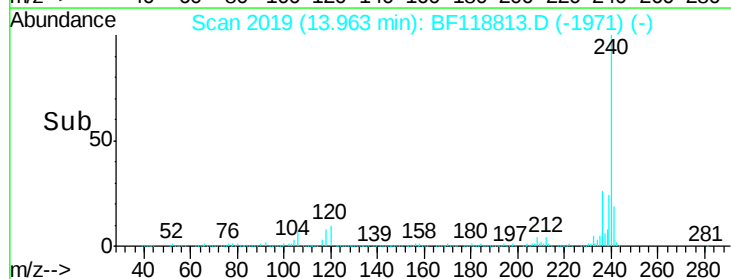
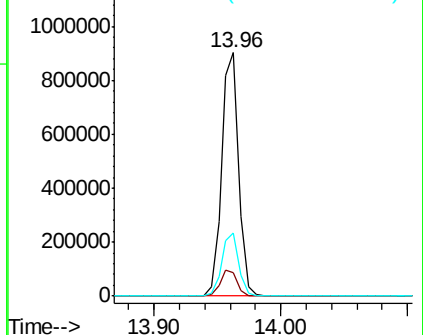
236 26.0 21.0 31.6

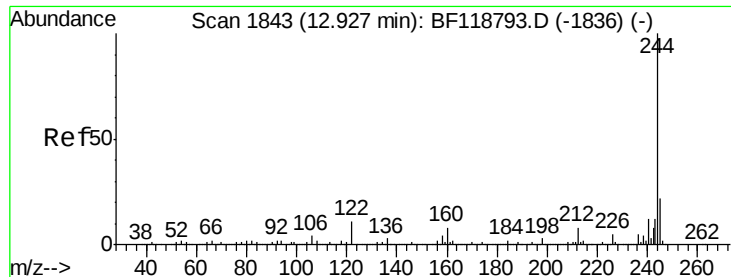


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.195 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118813.D

Acq: 4 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-C-1

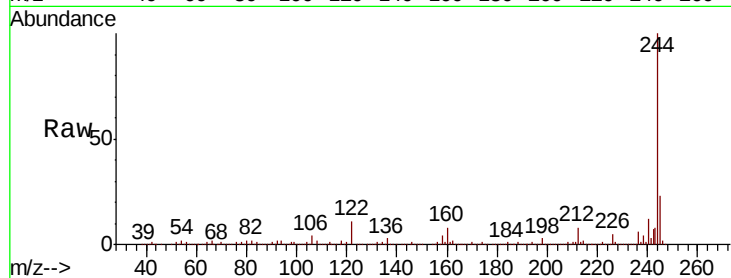
Tot Ion:244 Resp: 3929404

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

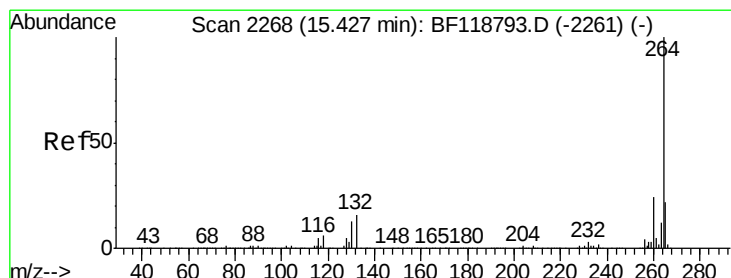
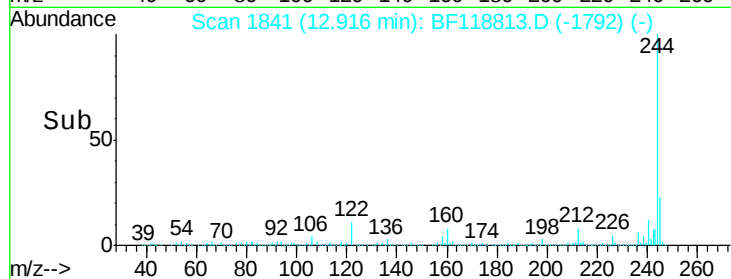
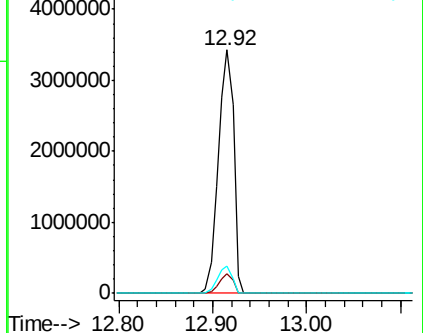
122 11.0 8.9 13.3



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: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF118813.D

Acq: 4 Feb 2020 20:44

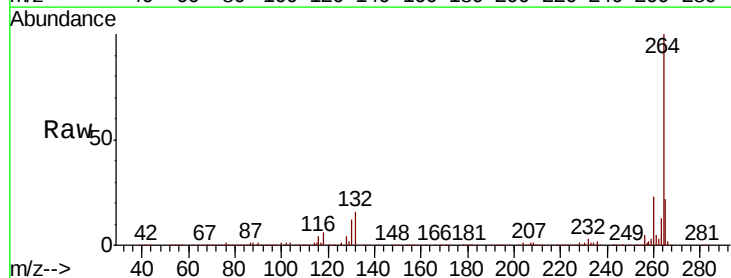
Tgt Ion:264 Resp: 772581

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.9 17.2 25.8



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

