

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118803.D
 Acq On : 4 Feb 2020 15:54
 Operator : CG/JU
 Sample : PB126458BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BL

Quant Time: Feb 04 17:14:19 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	285835	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1108244	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	655939	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1296120	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	1091712	20.00	ng	-0.02
87) Perylene-d12	15.40	264	1044159	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2027634	134.28	ng	0.00
7) Phenol-d6	6.45	99	2499718	133.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	1641739	88.30	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	1070137	136.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3335331	90.90	ng	-0.01
79) Terphenyl-d14	12.92	244	4513710	84.92	ng	0.00

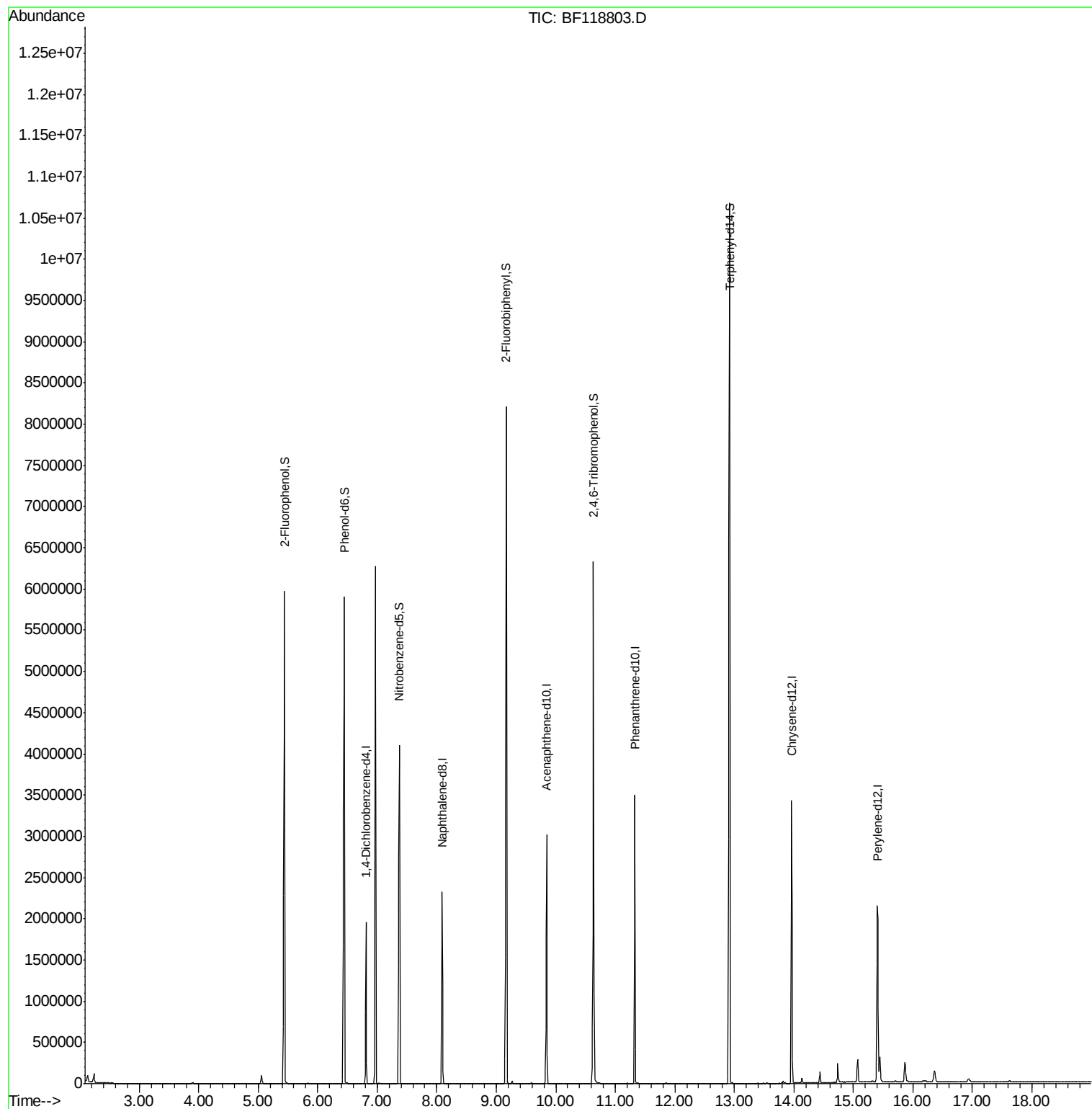
Target Compounds Qvalue

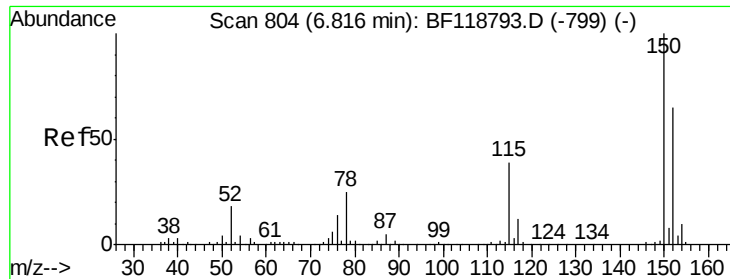
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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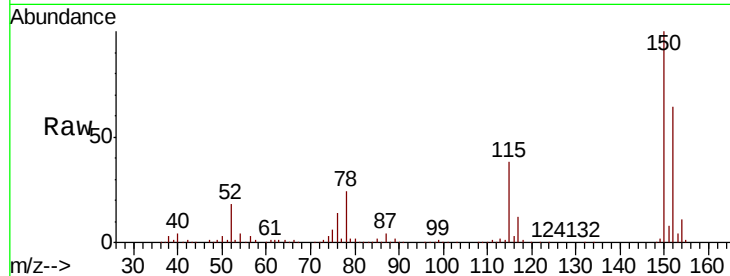


#1

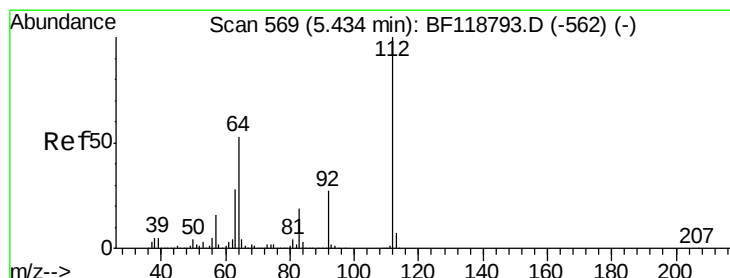
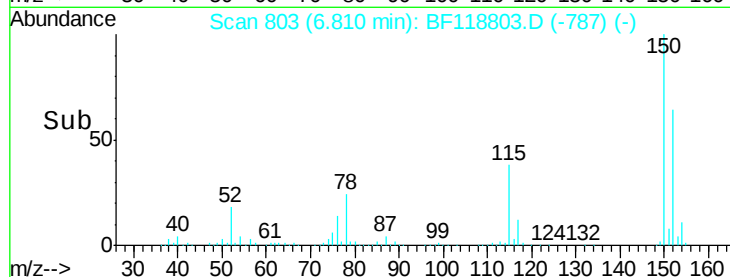
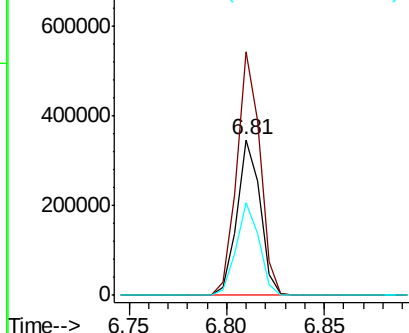
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.6	185.4
115	59.6	48.2	72.2



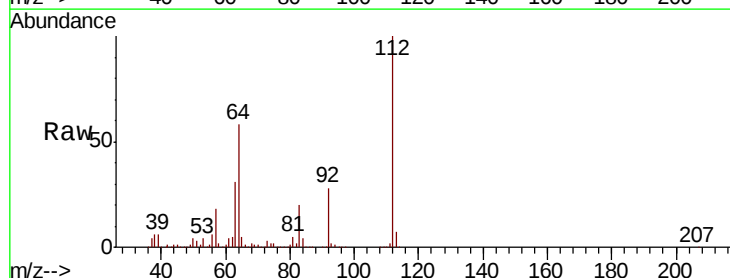
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



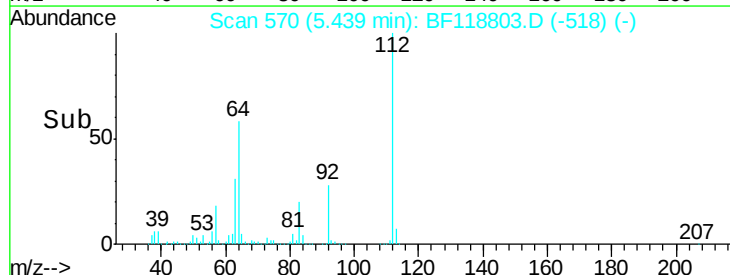
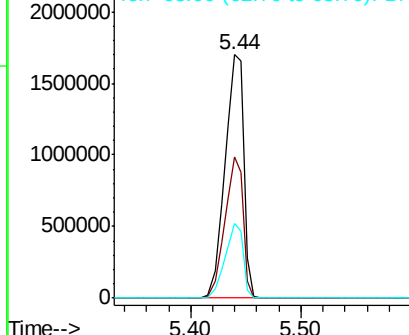
#5

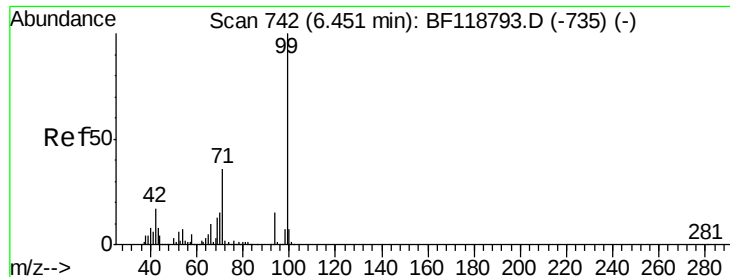
2-Fluorophenol
 Concen: 134.279 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	42.6	63.8
63	30.9	22.2	33.4



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: 133.356 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

Instrument :

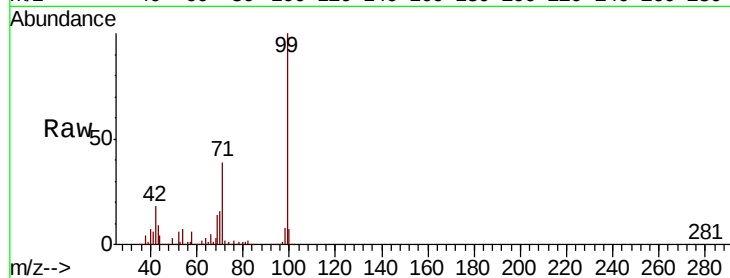
BNA_F

ClientSampleId :

PB126458BL

Tot Ion: 99 Resp: 2499718

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.4	20.0
71	38.6	29.0	43.6

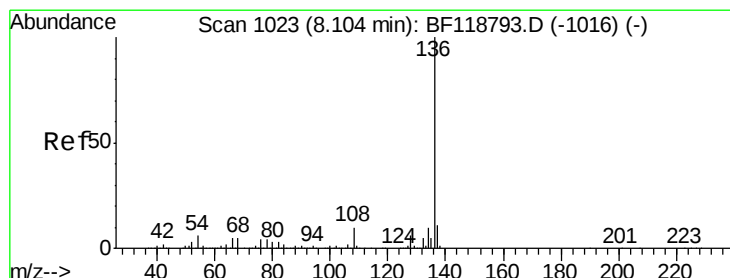
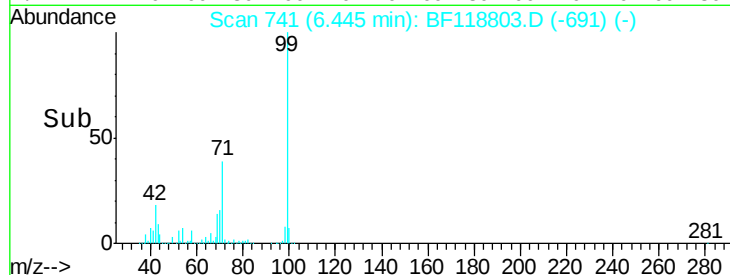
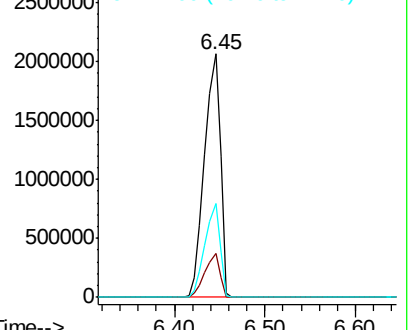


Abundance

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

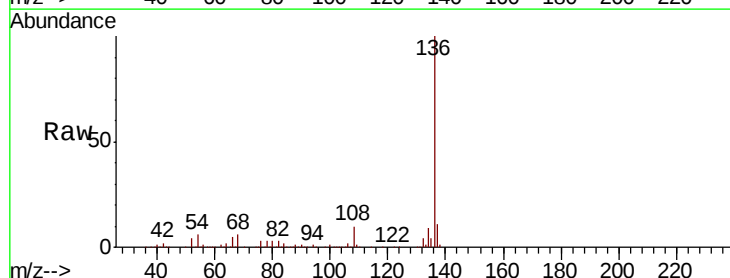
Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

Tgt Ion: 136 Resp: 1108244

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.4	5.0	7.6
68	5.6	4.2	6.4



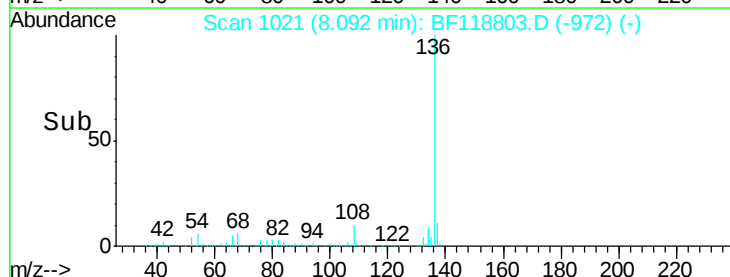
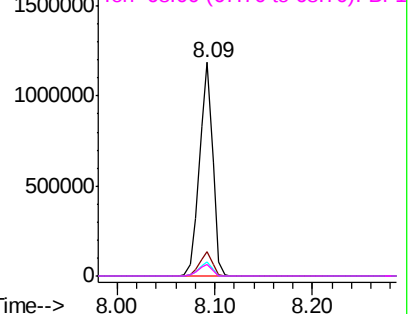
Abundance

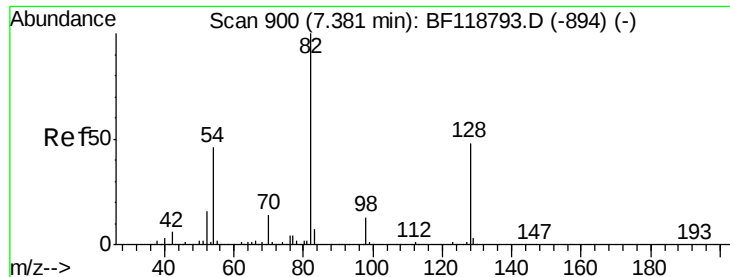
Ion 136.00 (135.70 to 136.70): E

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

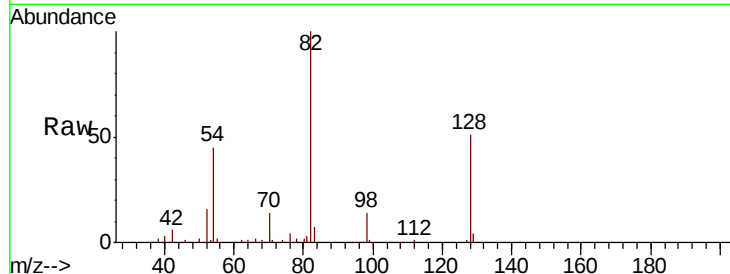




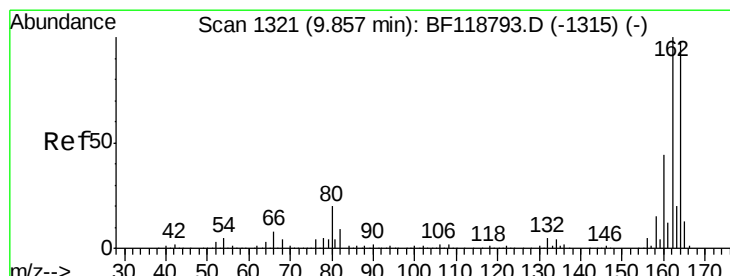
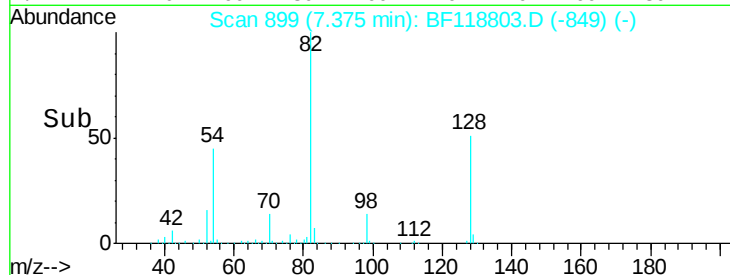
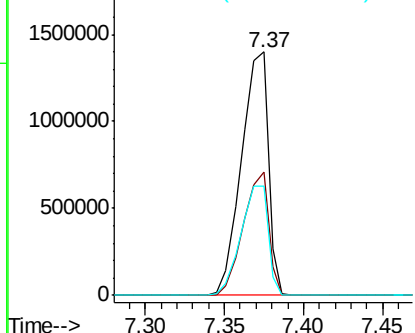
#23
 Nitrobenzene-d5
 Concen: 88.298 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BL

Tot Ion: 82 Resp: 1641739
 Ion Ratio Lower Upper
 82 100
 128 50.6 38.5 57.7
 54 44.9 36.7 55.1

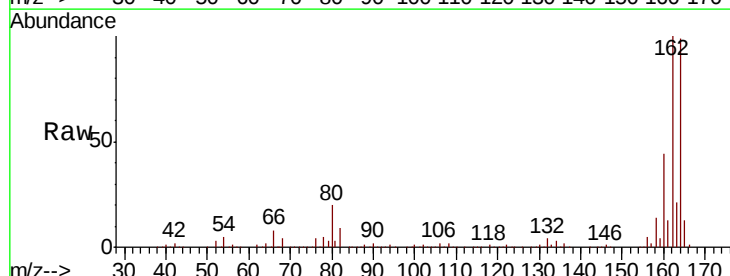


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

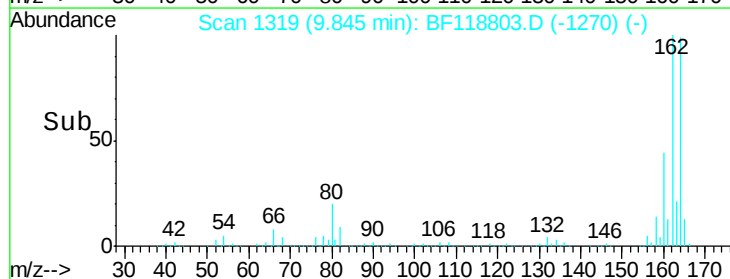
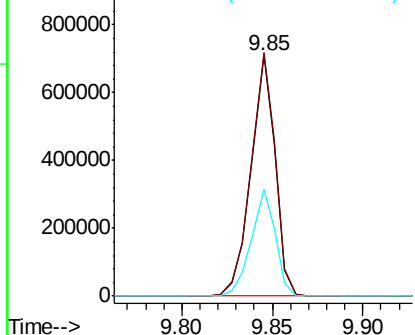


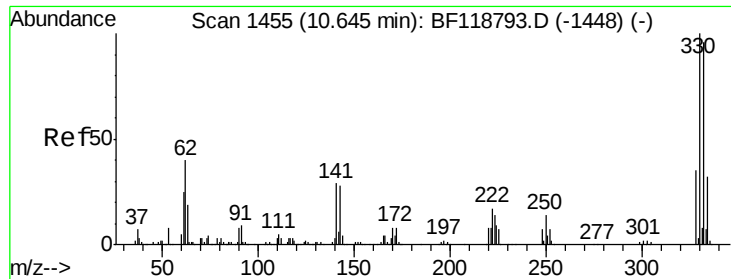
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

Tgt Ion: 164 Resp: 655939
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.2
 160 44.4 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: 136.349 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

Instrument :

BNA_F

ClientSampleId :

PB126458BL

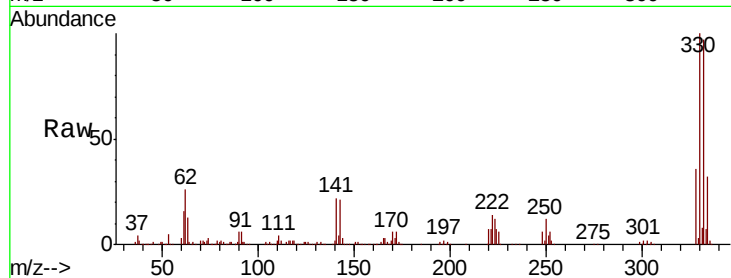
Tot Ion:330 Resp: 1070137

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

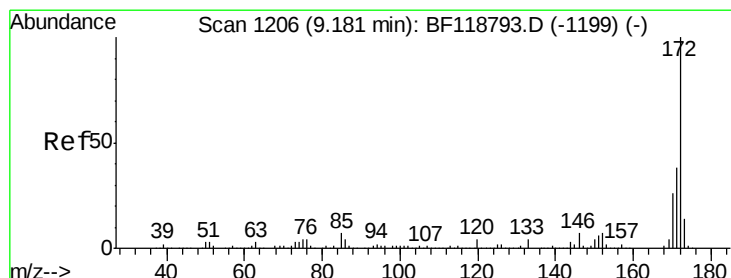
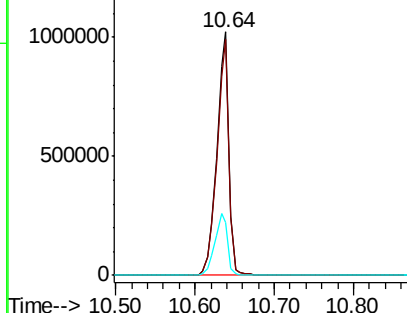
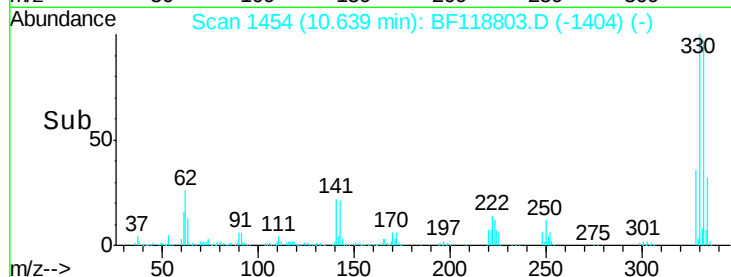
141 27.1 22.4 33.6



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: 90.901 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

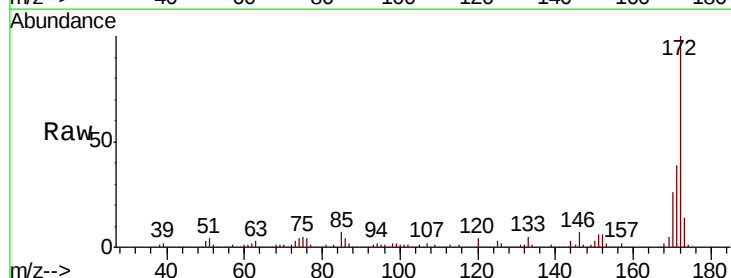
Tgt Ion:172 Resp: 3335331

Ion Ratio Lower Upper

172 100

171 38.8 30.8 46.2

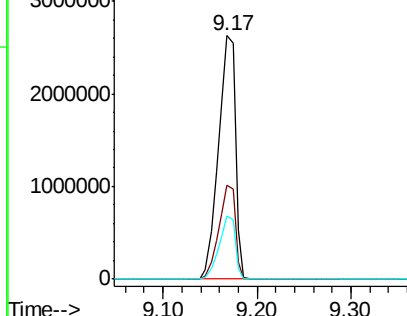
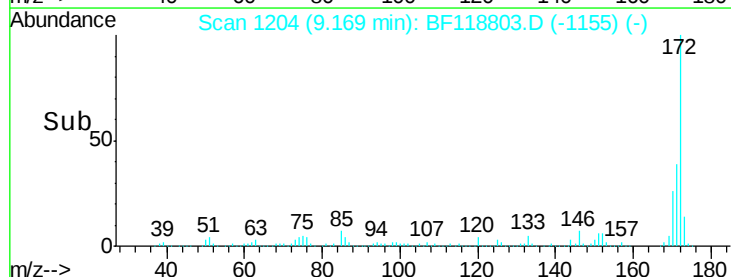
170 25.7 20.5 30.7

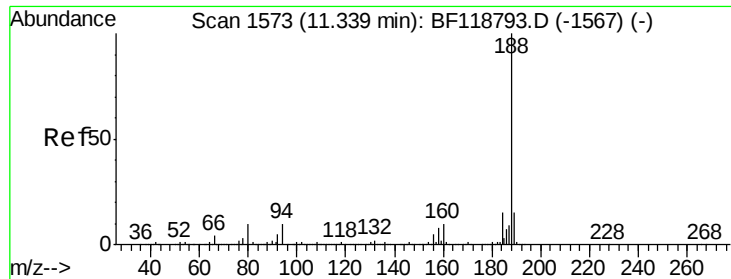


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF118803.D

Acq: 4 Feb 2020 15:54

Instrument :

BNA_F

ClientSampleId :

PB126458BL

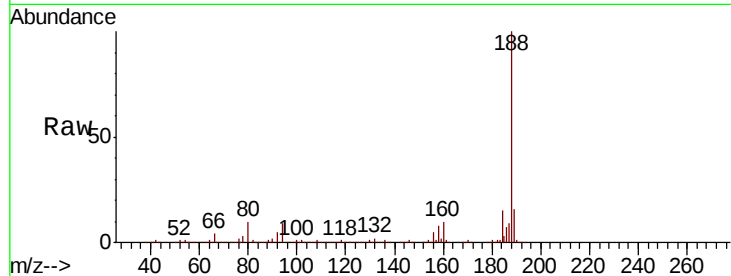
Tot Ion:188 Resp: 1296120

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

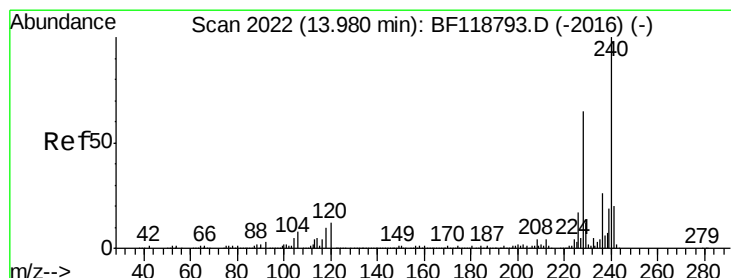
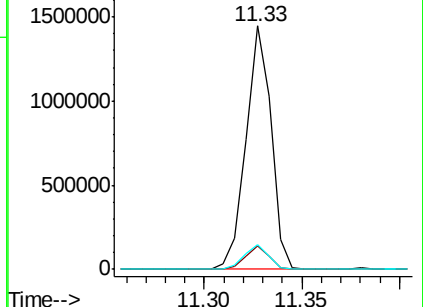
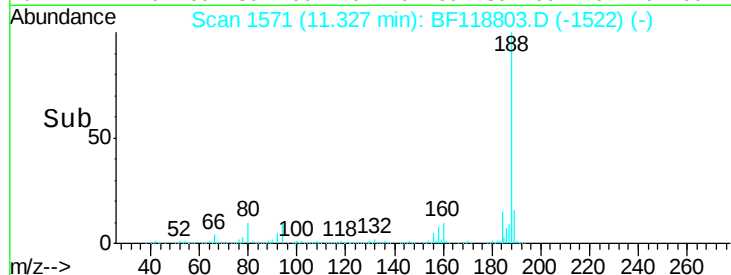
80 10.3 8.4 12.6



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: BF118803.D

Acq: 4 Feb 2020 15:54

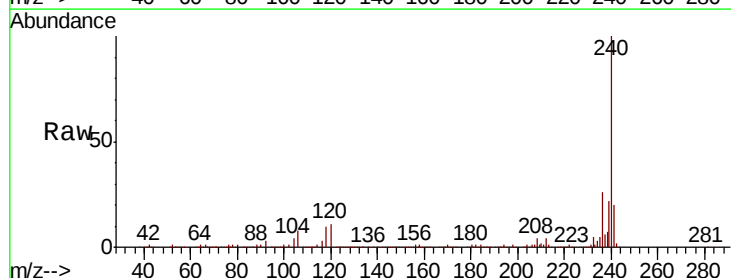
Tgt Ion:240 Resp: 1091712

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.0

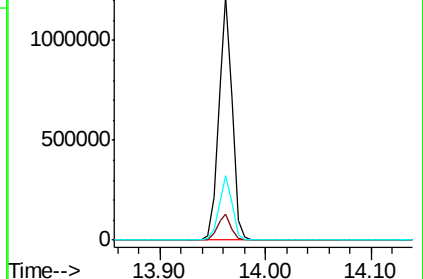
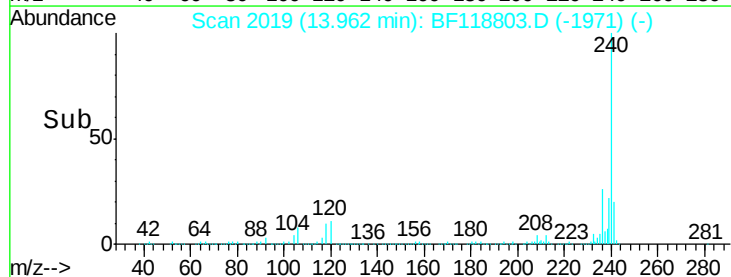
236 26.4 21.0 31.6

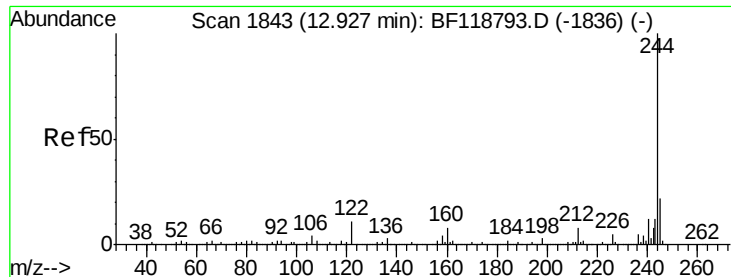


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.925 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

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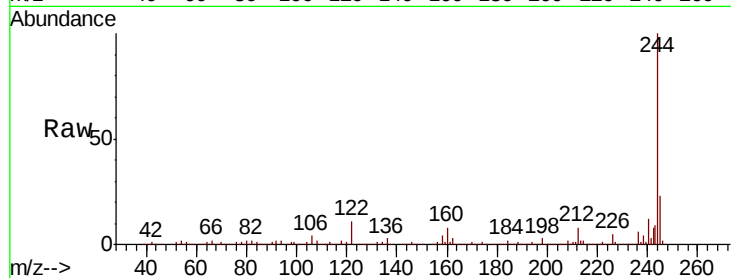
Tot Ion:244 Resp: 4513710

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

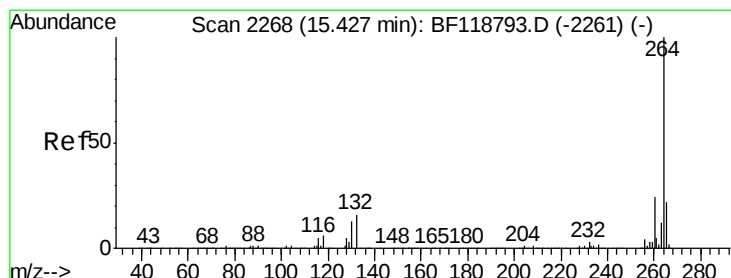
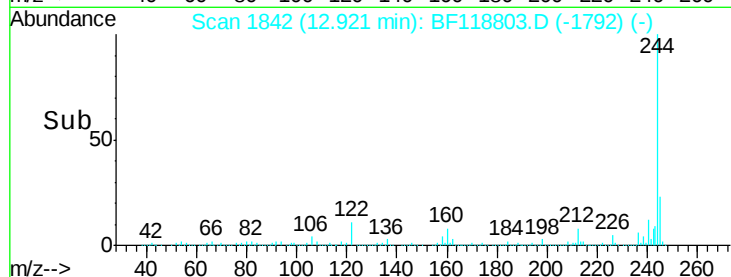
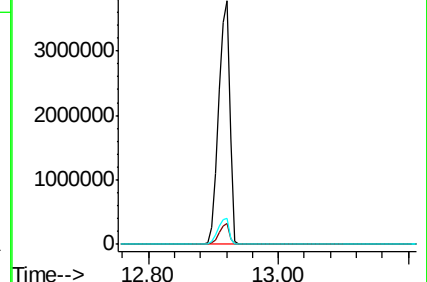
122 10.6 8.9 13.3



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: BF118803.D

Acq: 4 Feb 2020 15:54

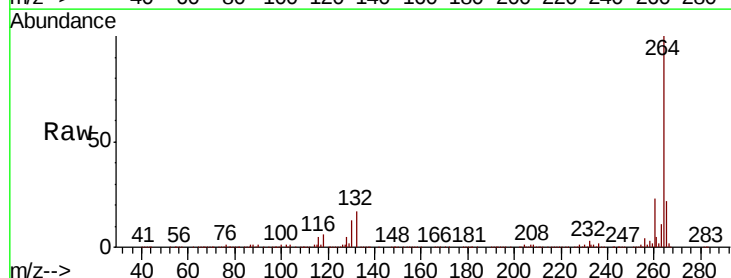
Tgt Ion:264 Resp: 1044159

Ion Ratio Lower Upper

264 100

260 23.2 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

