

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118643.D
 Acq On : 21 Jan 2020 20:13
 Operator : CG/JU
 Sample : PB126243TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126243TB

Quant Time: Jan 22 04:43:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	373040	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1387017	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	777752	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1388500	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	880078	20.00	ng	-0.01
87) Perylene-d12	15.50	264	843273	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2354935	117.25	ng	0.01
7) Phenol-d6	6.50	99	2675524	102.49	ng	0.00
23) Nitrobenzene-d5	7.44	82	2085119	84.09	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1133666	126.02	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3780543	79.89	ng	0.00
79) Terphenyl-d14	12.99	244	4419785	109.54	ng	0.00

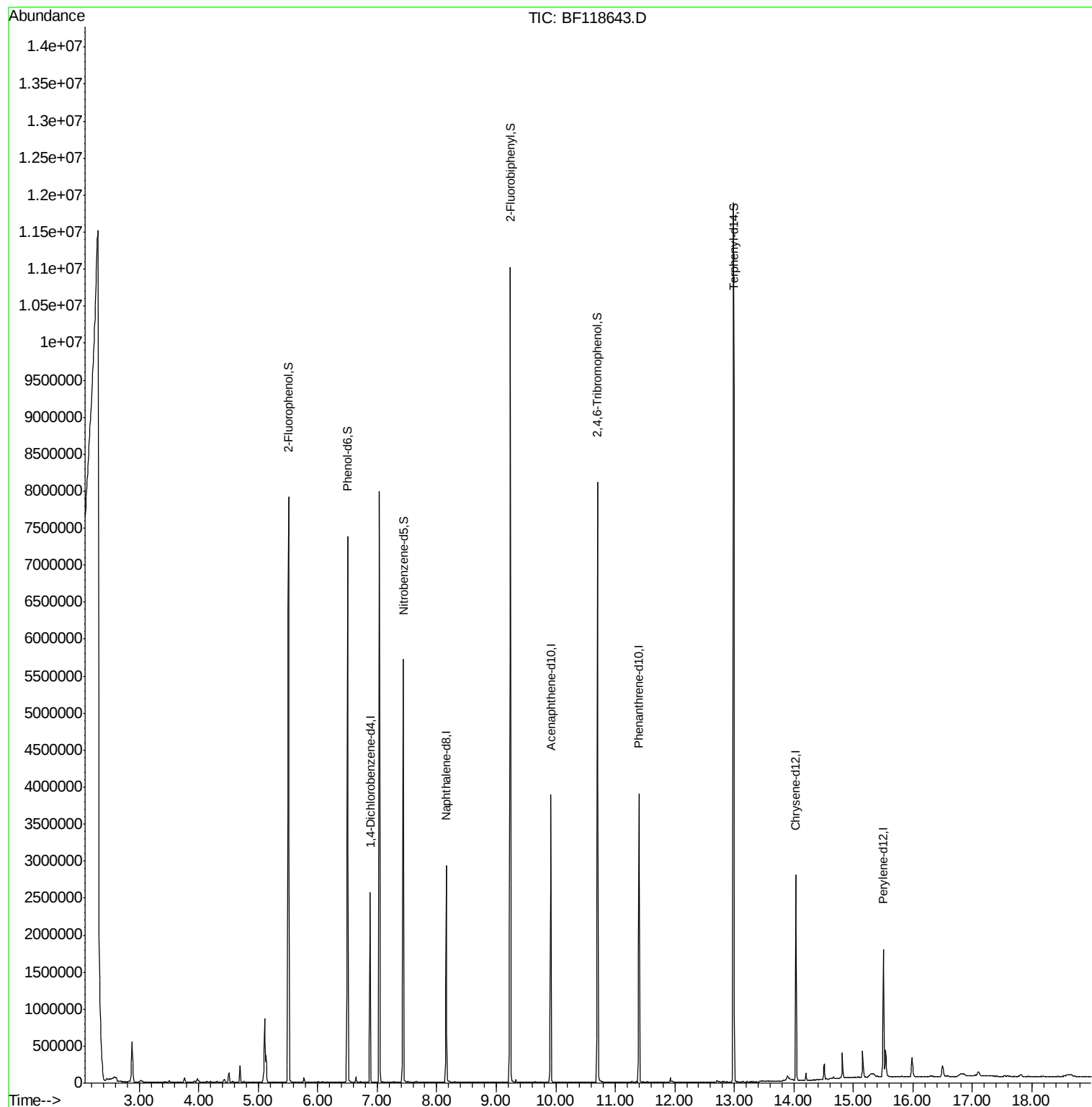
Target Compounds Qvalue

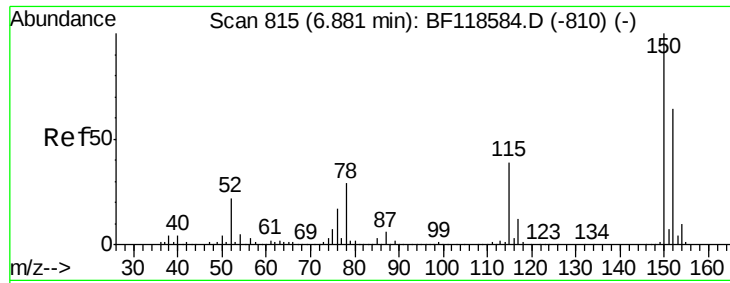
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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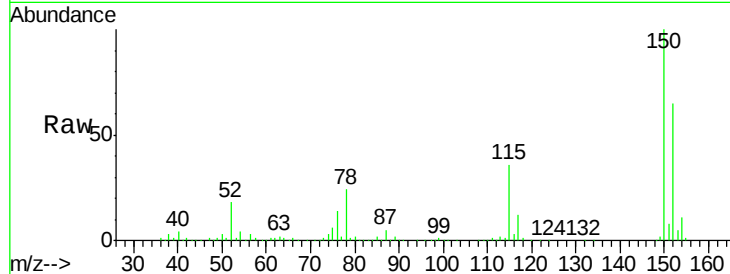


#1

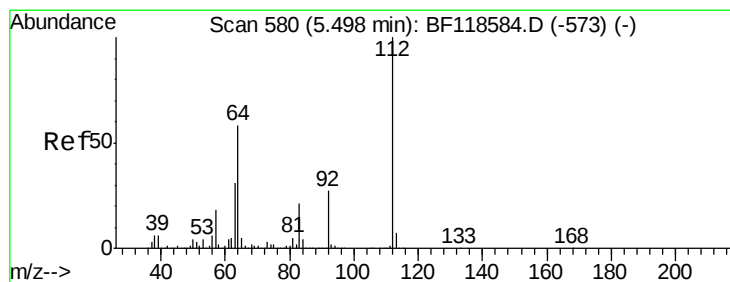
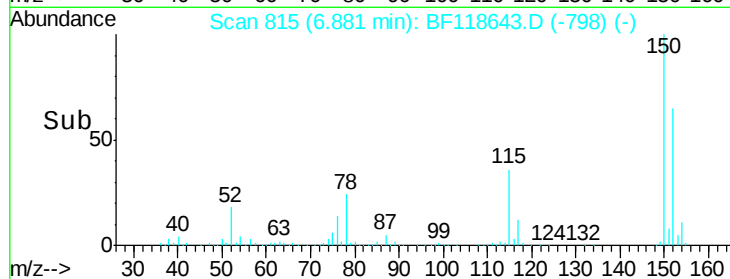
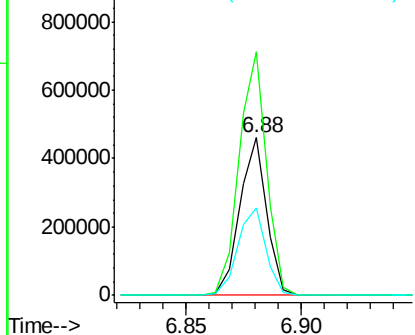
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118643.D
Acq: 21 Jan 2020 20:13

Instrument :
BNA_F
ClientSampleId :
PB126243TB

Tot Ion:152 Resp: 373040
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 55.4 48.4 72.6



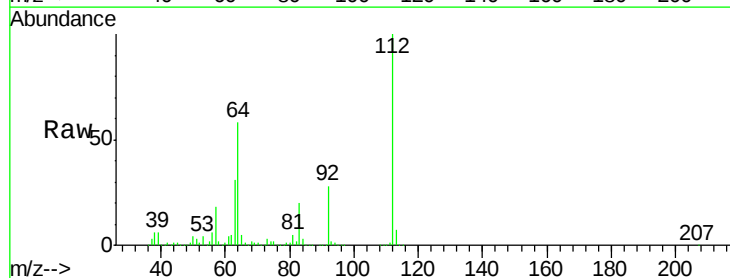
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



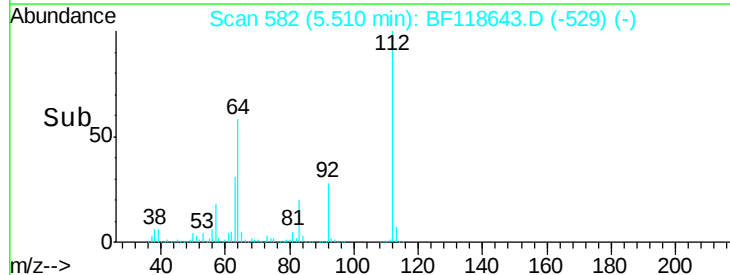
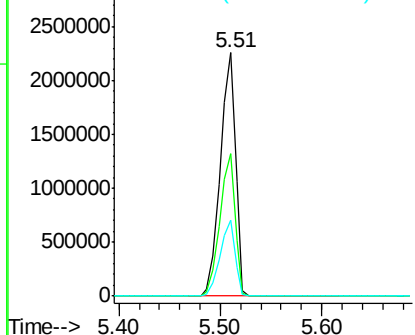
#5

2-Fluorophenol
Concen: 117.245 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118643.D
Acq: 21 Jan 2020 20:13

Tgt Ion:112 Resp: 2354935
Ion Ratio Lower Upper
112 100
64 58.3 46.6 70.0
63 30.9 25.1 37.7



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: 102.487 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118643.D

Acq: 21 Jan 2020 20:13

Instrument :

BNA_F

ClientSampleId :

PB126243TB

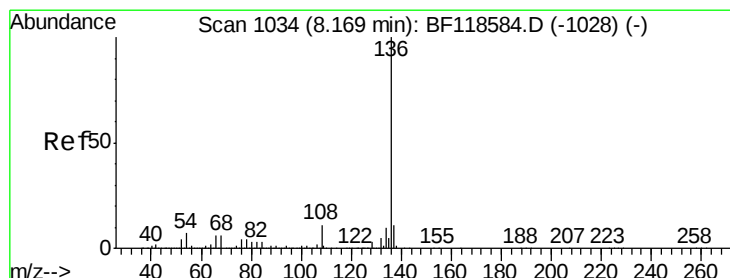
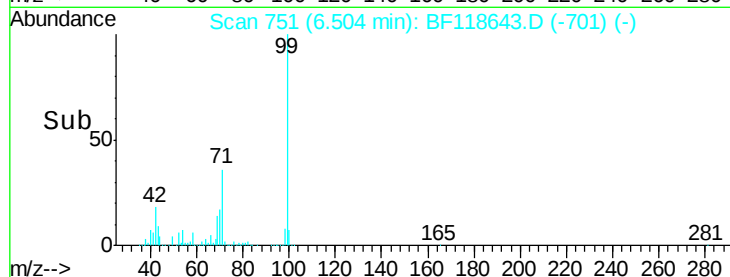
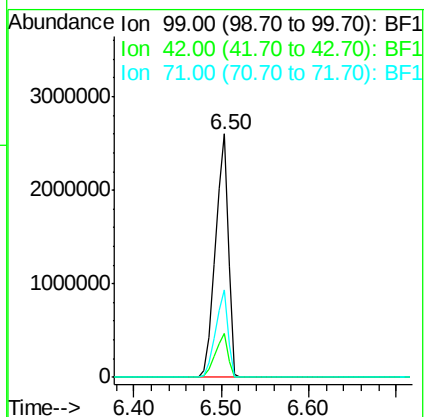
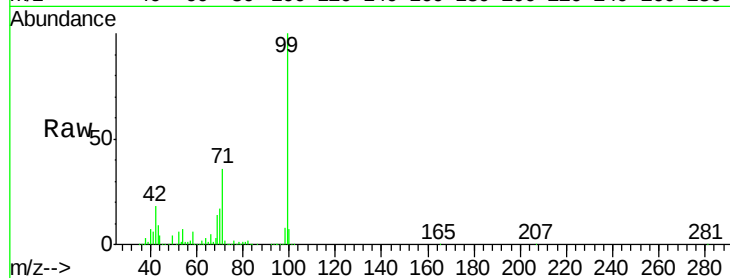
Tot Ion: 99 Resp: 2675524

Ion Ratio Lower Upper

99 100

42 17.8 14.2 21.2

71 36.0 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118643.D

Acq: 21 Jan 2020 20:13

Tgt Ion: 136 Resp: 1387017

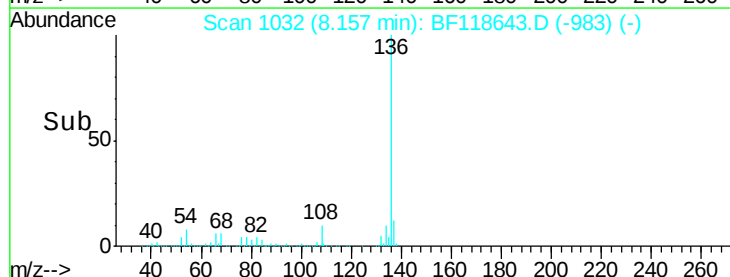
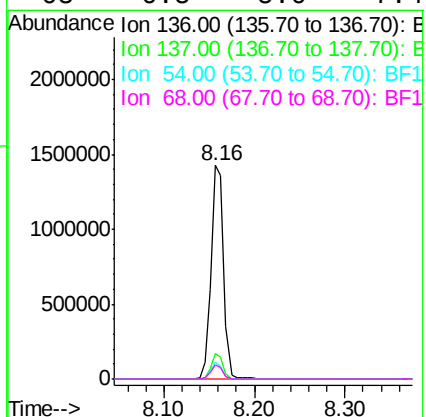
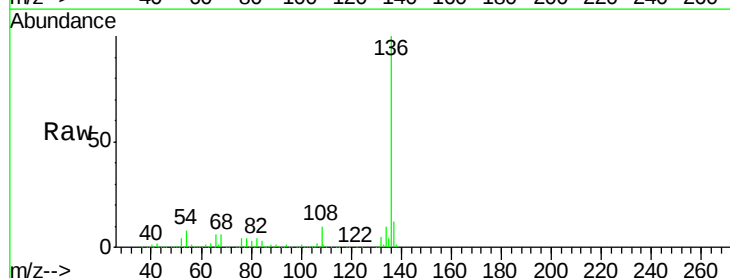
Ion Ratio Lower Upper

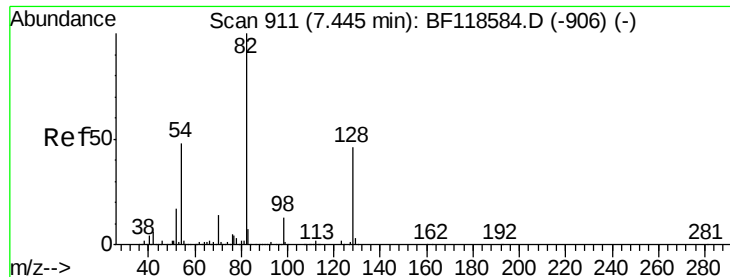
136 100

137 11.9 9.1 13.7

54 7.9 5.8 8.6

68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.086 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118643.D

Acq: 21 Jan 2020 20:13

Instrument :

BNA_F

ClientSampleId :

PB126243TB

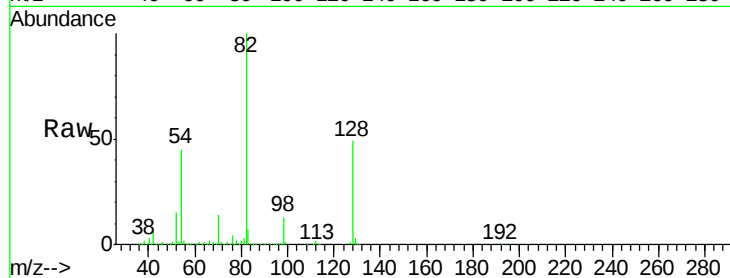
Tot Ion: 82 Resp: 2085119

Ion Ratio Lower Upper

82 100

128 49.5 36.6 54.8

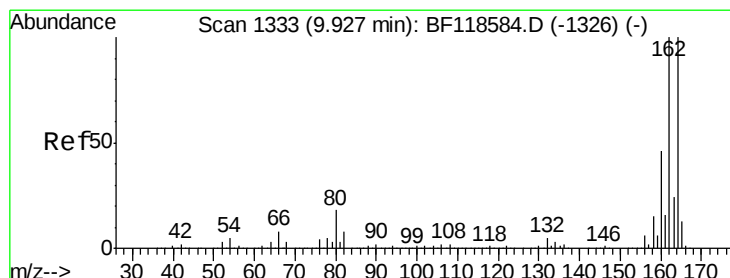
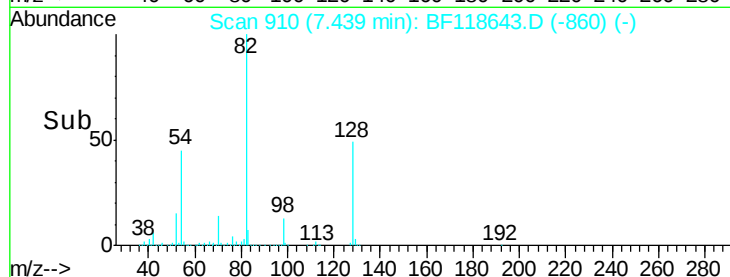
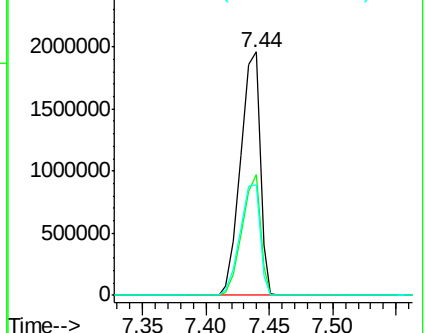
54 45.2 38.0 57.0



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118643.D

Acq: 21 Jan 2020 20:13

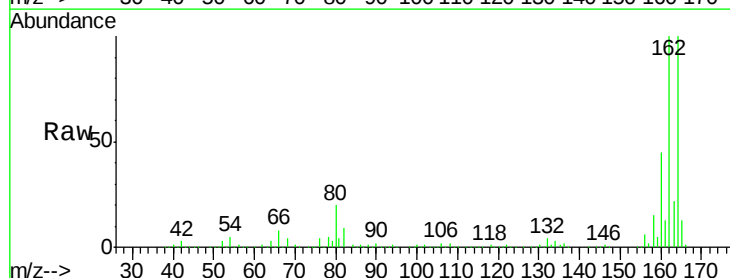
Tgt Ion:164 Resp: 777752

Ion Ratio Lower Upper

164 100

162 100.4 80.4 120.6

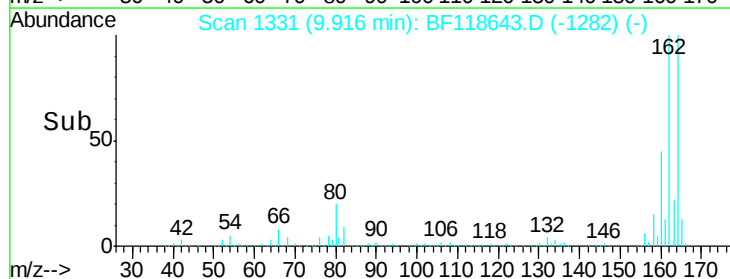
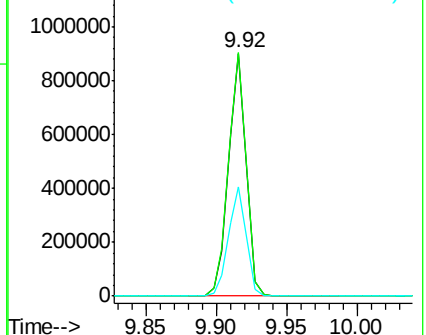
160 45.1 36.6 55.0

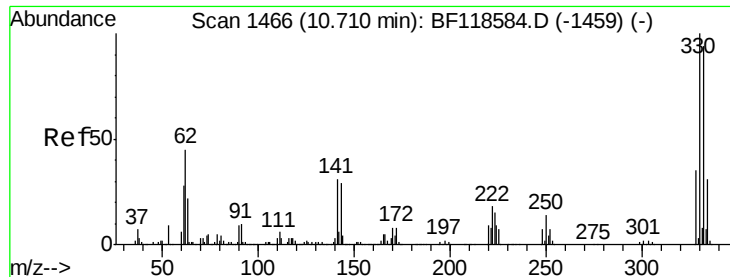


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 126.023 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118643.D

Acq: 21 Jan 2020 20:13

Instrument :

BNA_F

ClientSampleId :

PB126243TB

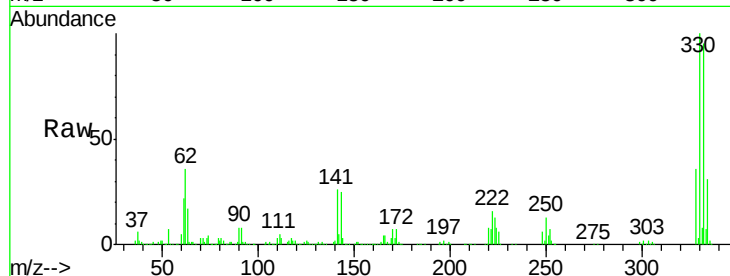
Tot Ion:330 Resp: 1133666

Ion Ratio Lower Upper

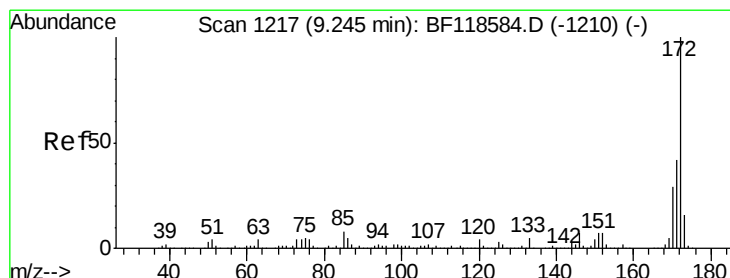
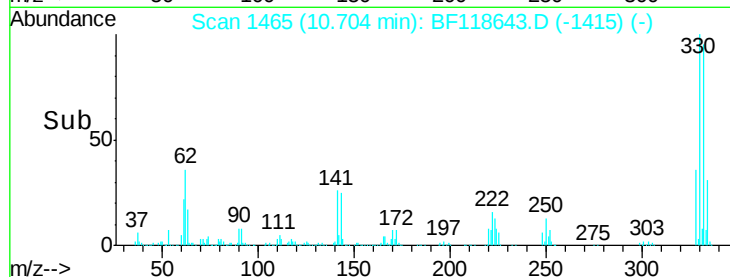
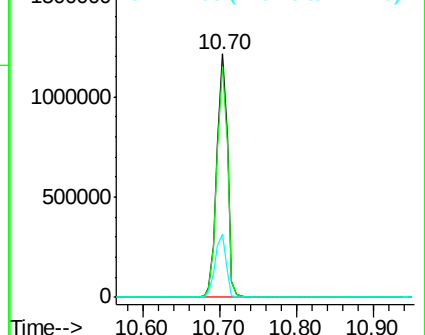
330 100

332 95.2 76.2 114.4

141 26.9 23.9 35.9



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: 79.894 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118643.D

Acq: 21 Jan 2020 20:13

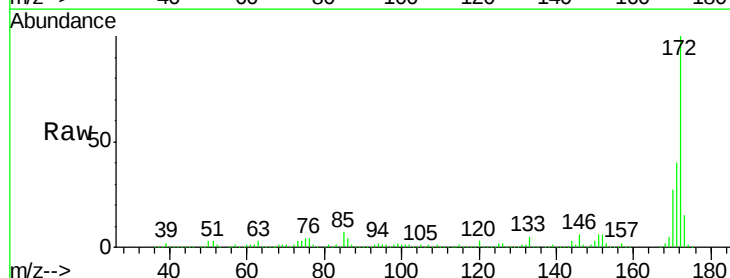
Tgt Ion:172 Resp: 3780543

Ion Ratio Lower Upper

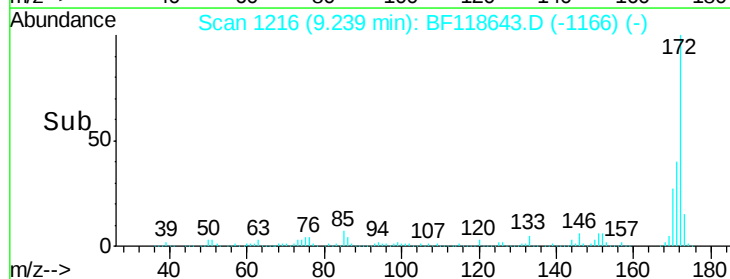
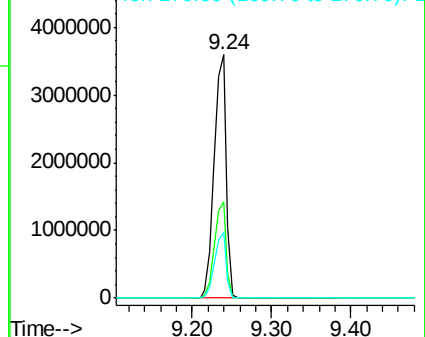
172 100

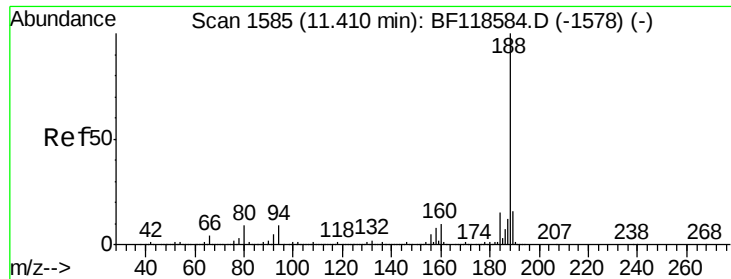
171 39.6 33.4 50.2

170 27.1 23.2 34.8



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

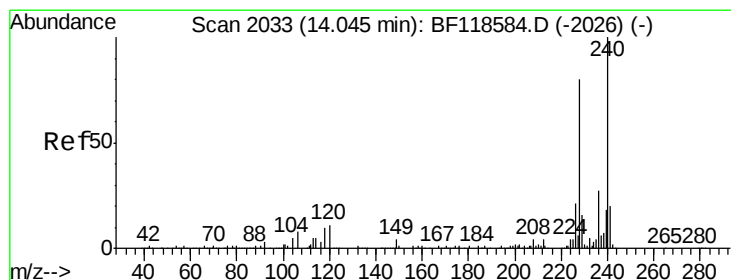
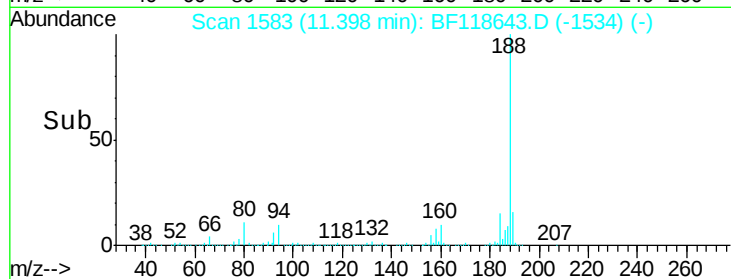
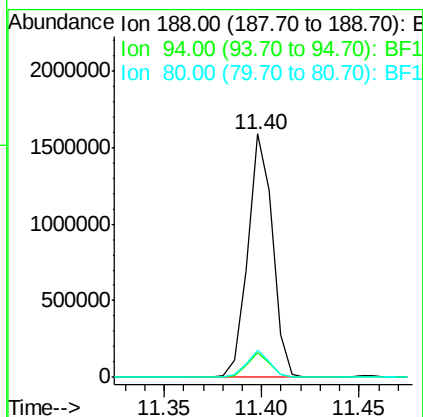
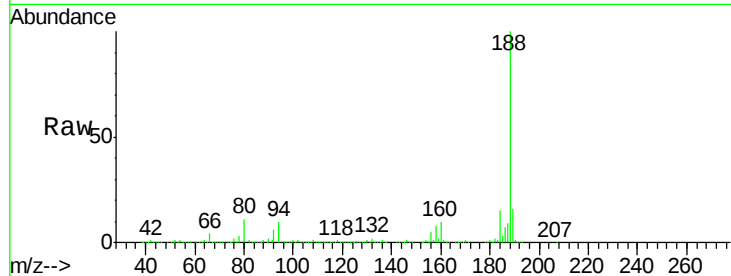




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118643.D
Acq: 21 Jan 2020 20:13

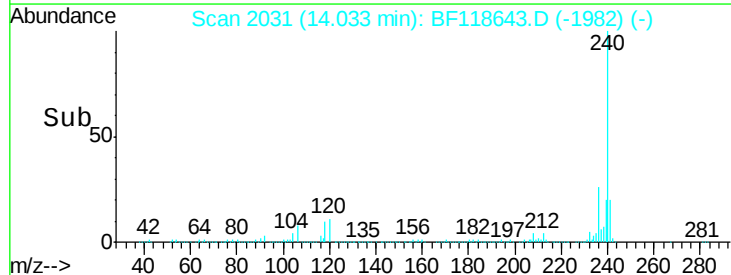
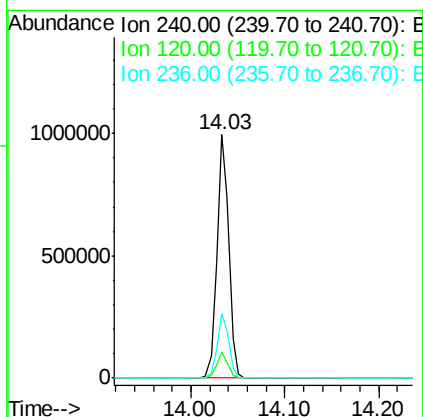
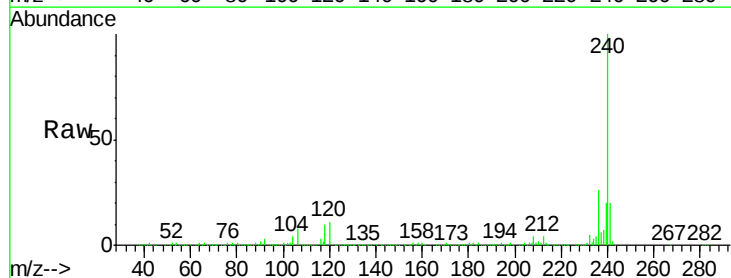
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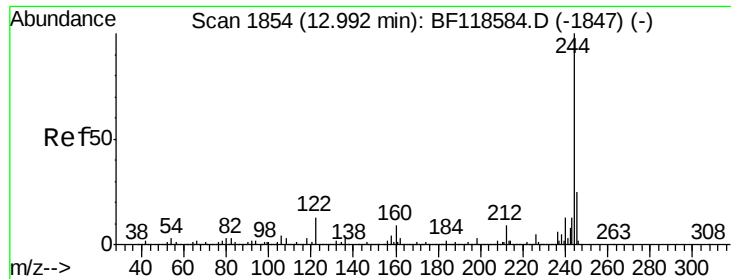
Tot Ion:188 Resp: 1388500
Ion Ratio Lower Upper
188 100
94 10.1 7.1 10.7
80 11.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118643.D
Acq: 21 Jan 2020 20:13

Tgt Ion:240 Resp: 880078
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.3 21.5 32.3





#79

Terphenyl-d14

Concen: 109.535 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118643.D

Acq: 21 Jan 2020 20:13

Instrument :

BNA_F

ClientSampleId :

PB126243TB

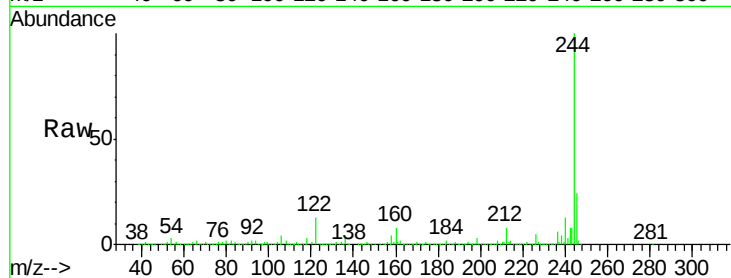
Tot Ion:244 Resp: 4419785

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

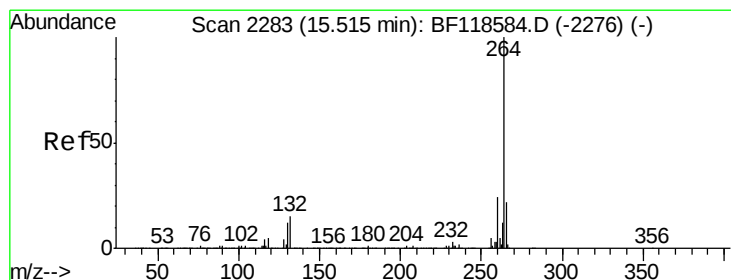
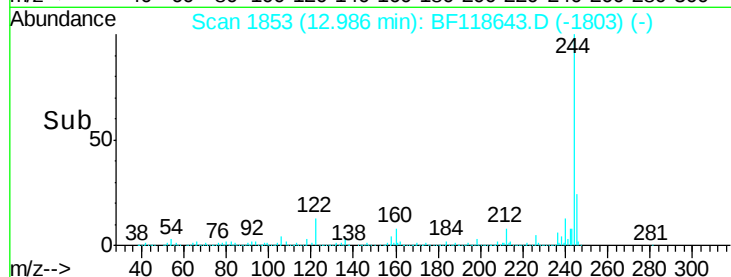
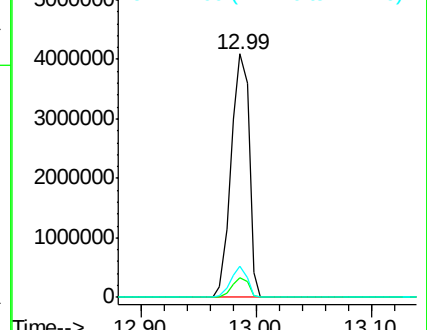
122 12.7 10.7 16.1



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118643.D

Acq: 21 Jan 2020 20:13

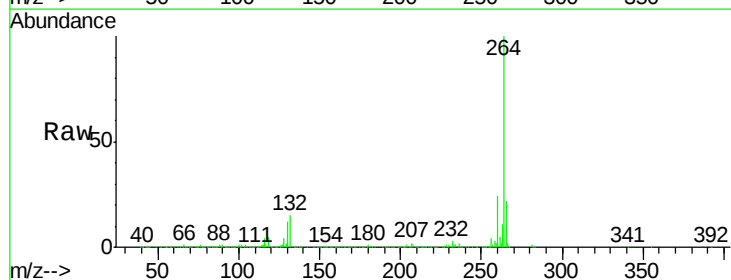
Tgt Ion:264 Resp: 843273

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.7 17.7 26.5



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

