

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118842.D
 Acq On : 6 Feb 2020 17:37
 Operator : CG/JU
 Sample : L1409-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROW-6-5

Quant Time: Feb 06 21:30:03 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

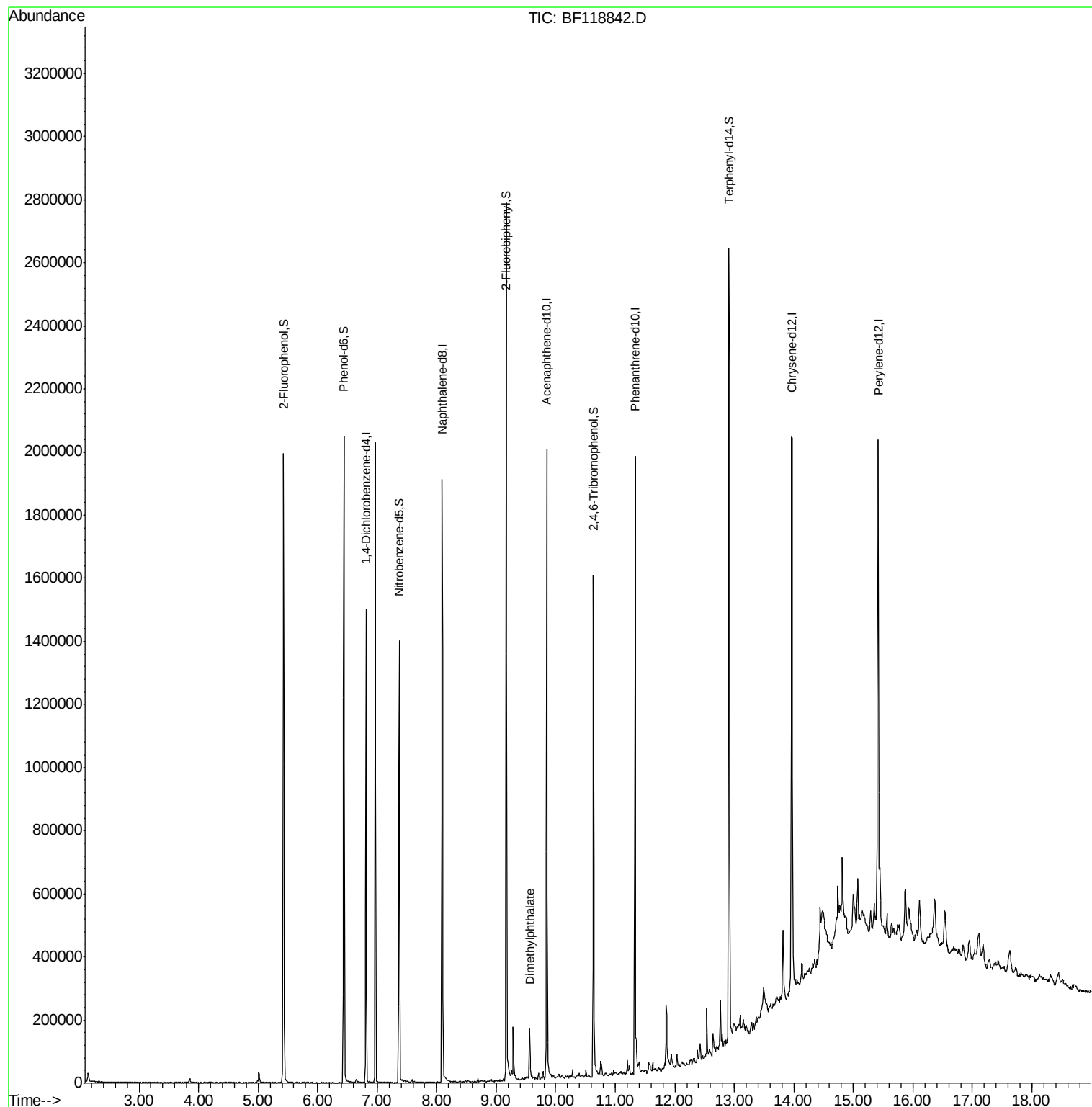
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	229383	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	864227	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	466108	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	798060	20.00	ng	0.00
76) Chrysene-d12	13.97	240	655060	20.00	ng	-0.01
87) Perylene-d12	15.42	264	753141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	542193	44.74	ng	0.00
7) Phenol-d6	6.44	99	645468	42.91	ng	-0.01
23) Nitrobenzene-d5	7.37	82	410005	28.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	220281	39.50	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	892593	34.23	ng	-0.01
79) Terphenyl-d14	12.91	244	961101	30.14	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	70900	2.234	ng	Qvalue 99

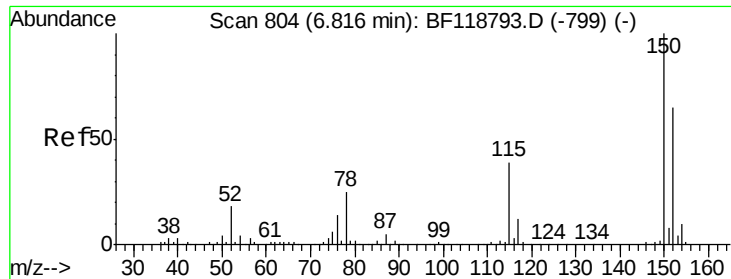
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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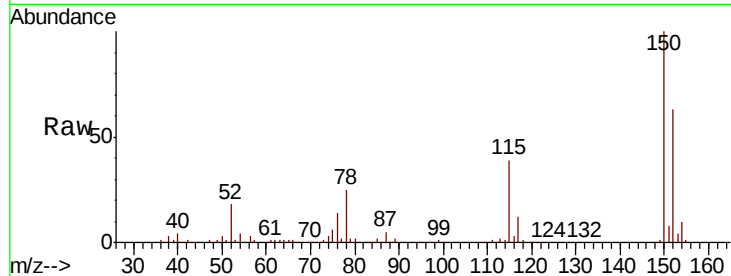


#1

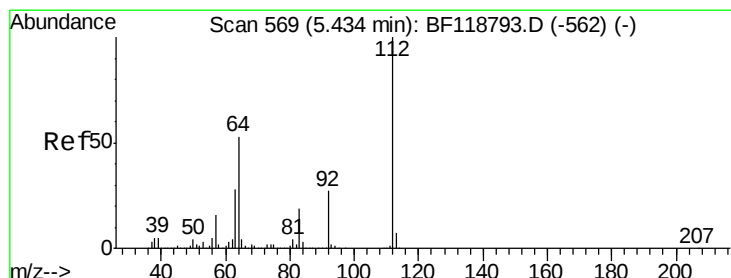
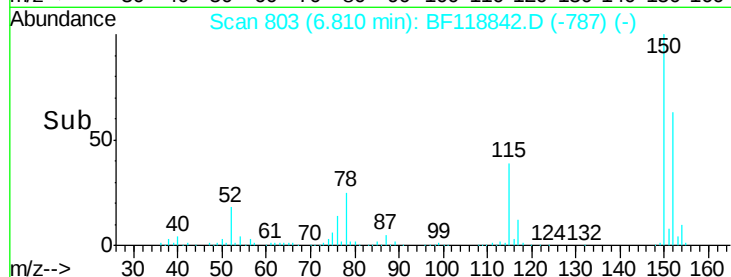
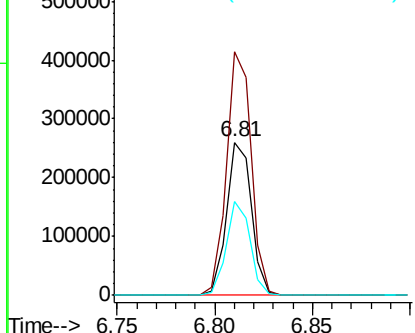
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118842.D
Acq: 6 Feb 2020 17:37

Instrument :
BNA_F
ClientSampleId :
ROW-6-5

Tot Ion:152 Resp: 229383
Ion Ratio Lower Upper
152 100
150 159.3 123.6 185.4
115 61.5 48.2 72.2



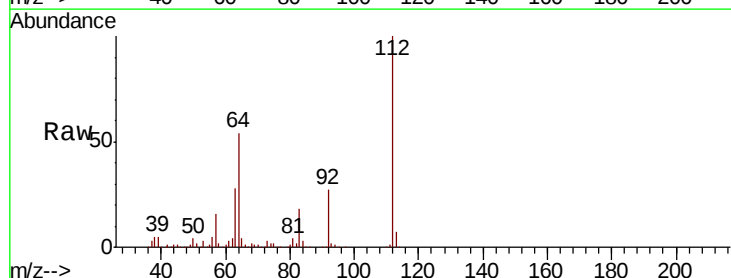
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



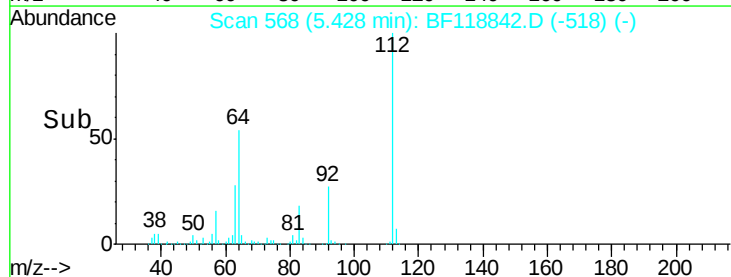
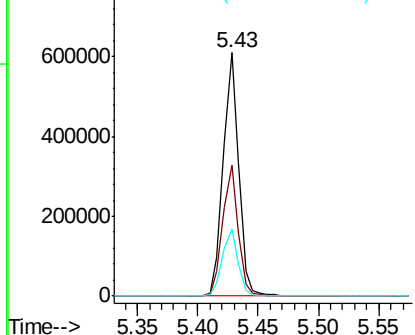
#5

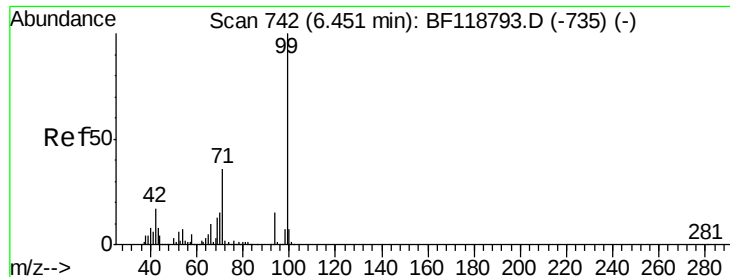
2-Fluorophenol
Concen: 44.743 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118842.D
Acq: 6 Feb 2020 17:37

Tgt Ion:112 Resp: 542193
Ion Ratio Lower Upper
112 100
64 53.6 42.6 63.8
63 27.8 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: 42.909 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

Instrument :

BNA_F

ClientSampleId :

ROW-6-5

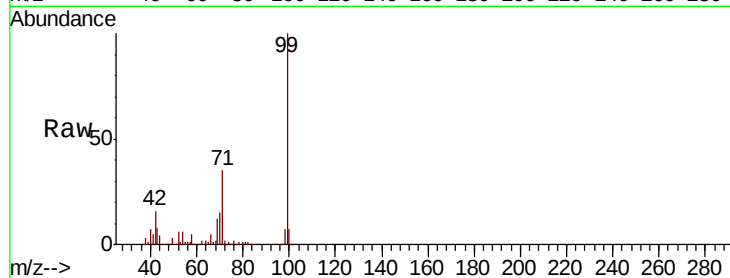
Tot Ion: 99 Resp: 645468

Ion Ratio Lower Upper

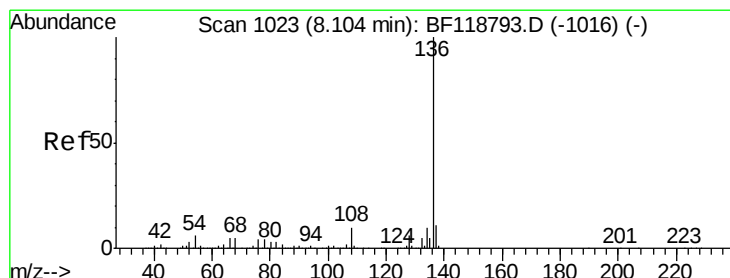
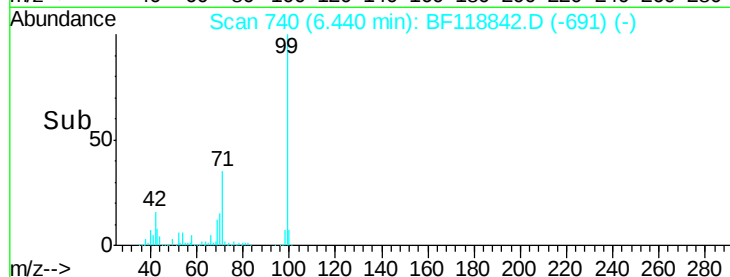
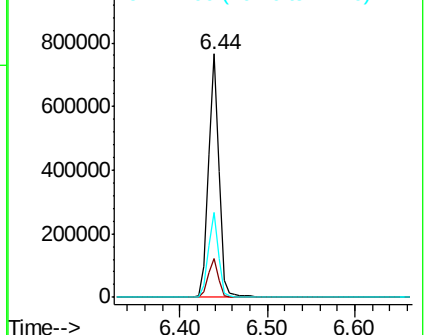
99 100

42 15.9 13.4 20.0

71 34.9 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: BF118842.D

Acq: 6 Feb 2020 17:37

Tgt Ion: 136 Resp: 864227

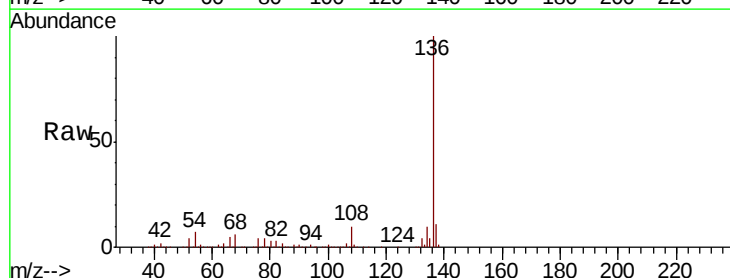
Ion Ratio Lower Upper

136 100

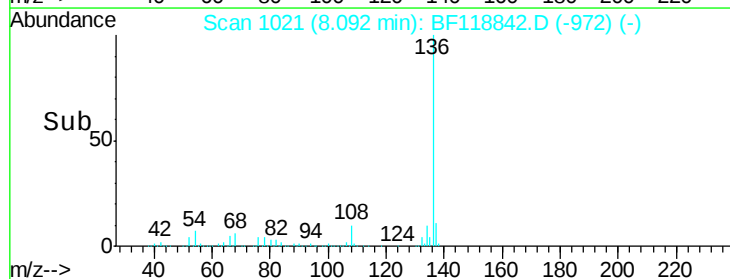
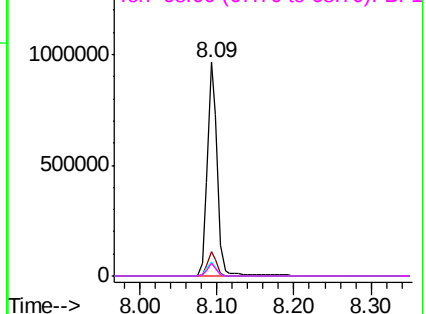
137 11.2 8.7 13.1

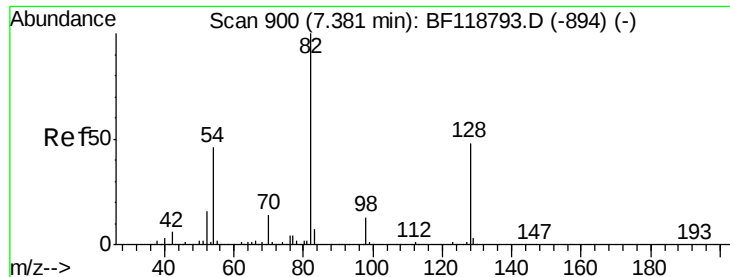
54 6.7 5.0 7.6

68 5.8 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

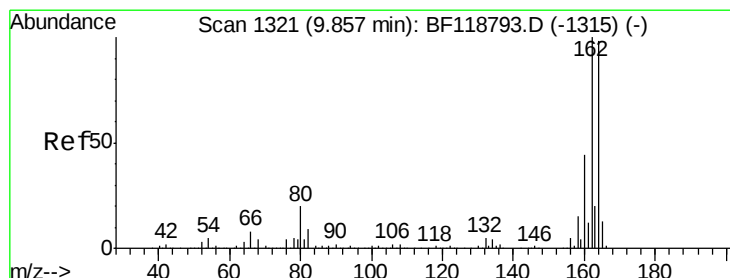
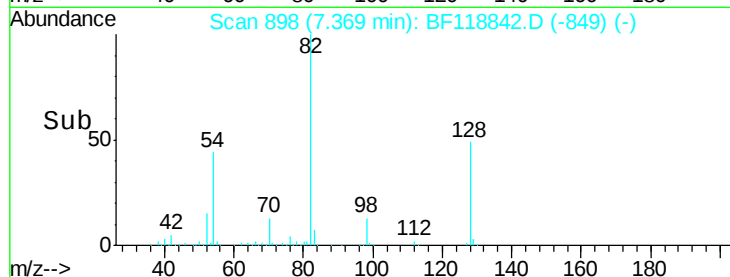
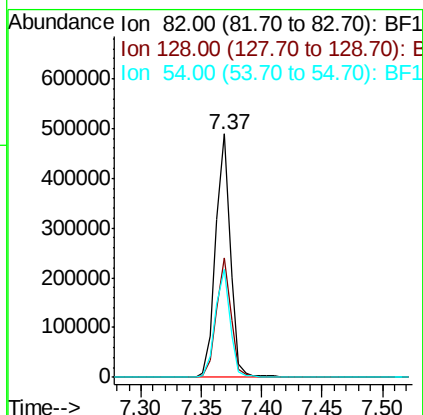
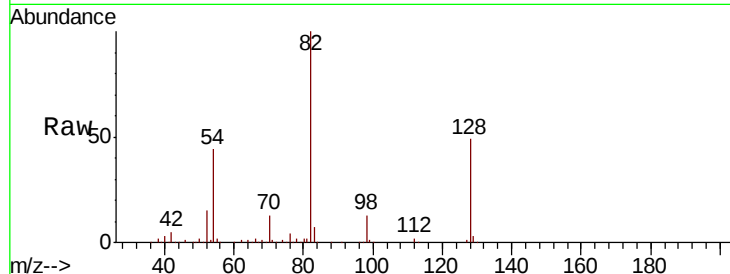




#23
Nitrobenzene-d5
Concen: 28.278 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118842.D
Acq: 6 Feb 2020 17:37

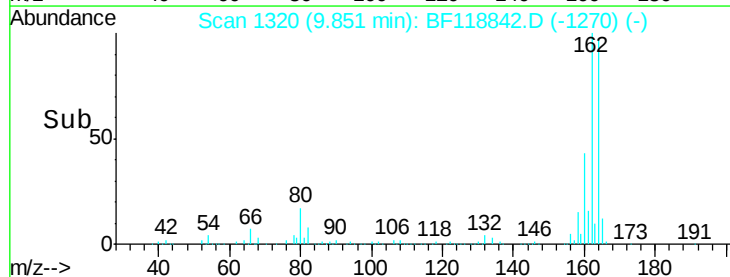
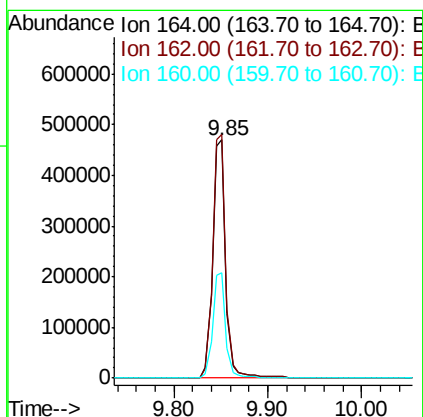
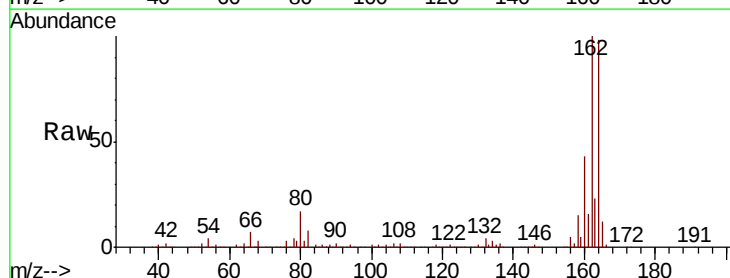
Instrument :
BNA_F
ClientSampleId :
ROW-6-5

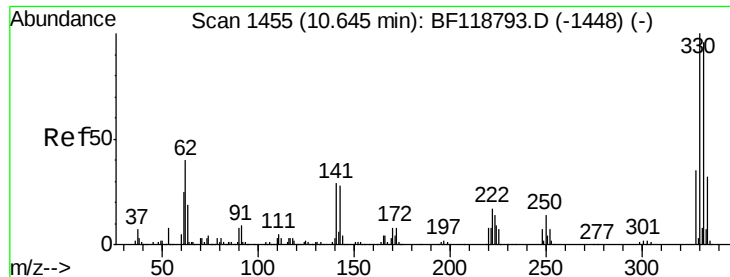
Tot Ion	82	Resp	410005
Ion Ratio	Lower	Upper	
82	100		
128	48.8	38.5	57.7
54	44.2	36.7	55.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118842.D
Acq: 6 Feb 2020 17:37

Tgt Ion	164	Resp	466108
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.4	122.2
160	44.2	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 39.497 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

Instrument :

BNA_F

ClientSampleId :

ROW-6-5

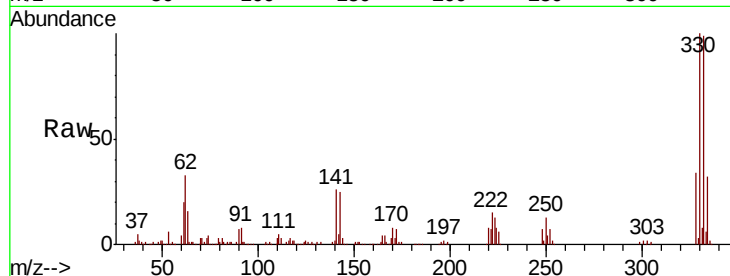
Tot Ion:330 Resp: 220281

Ion Ratio Lower Upper

330 100

332 99.0 77.3 115.9

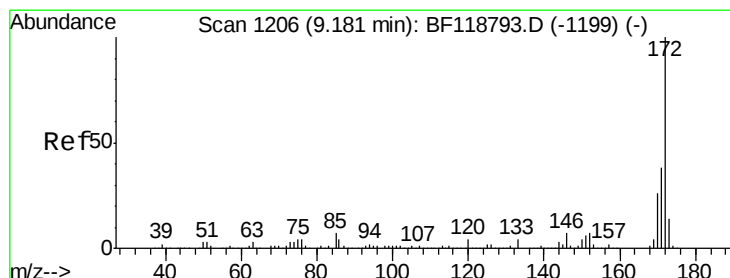
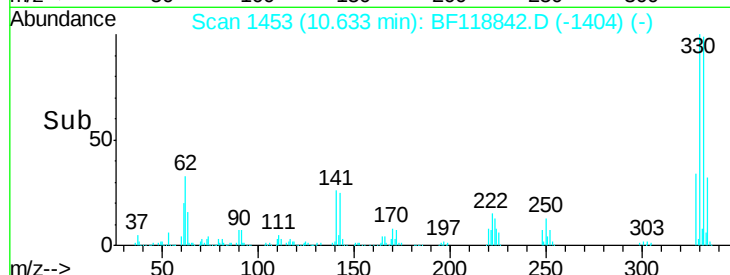
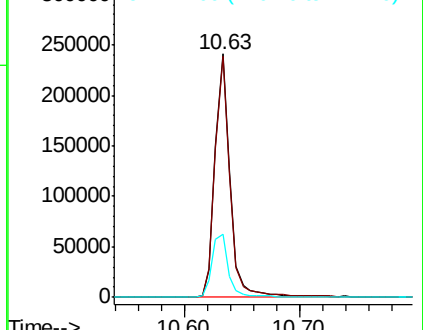
141 28.8 22.4 33.6



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: 34.234 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

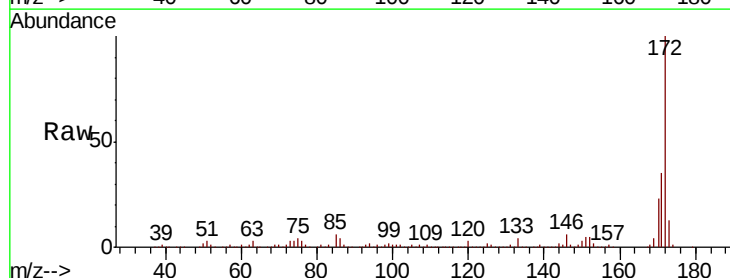
Tgt Ion:172 Resp: 892593

Ion Ratio Lower Upper

172 100

171 35.0 30.8 46.2

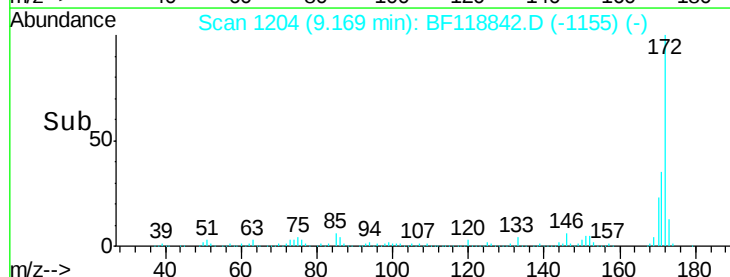
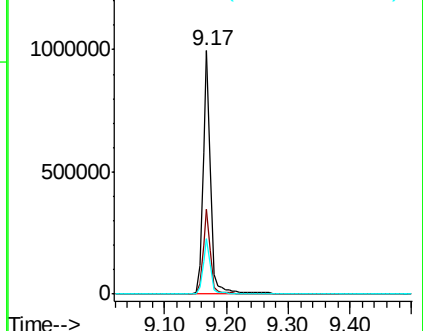
170 23.0 20.5 30.7

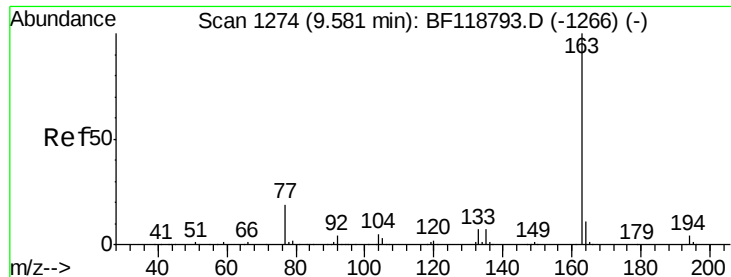


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.234 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

Instrument :

BNA_F

ClientSampleId :

ROW-6-5

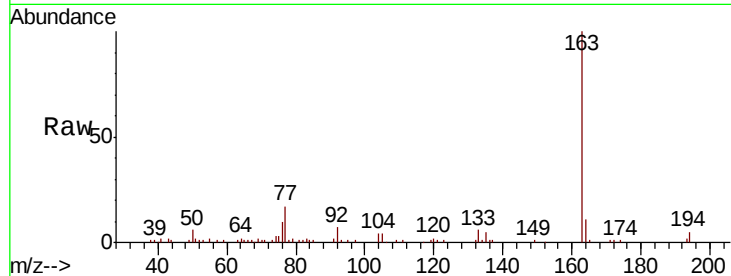
Tot Ion:163 Resp: 70900

Ion Ratio Lower Upper

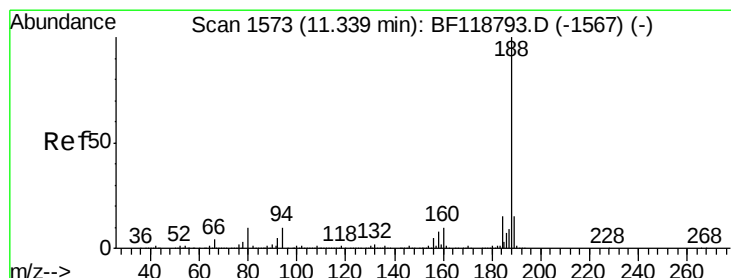
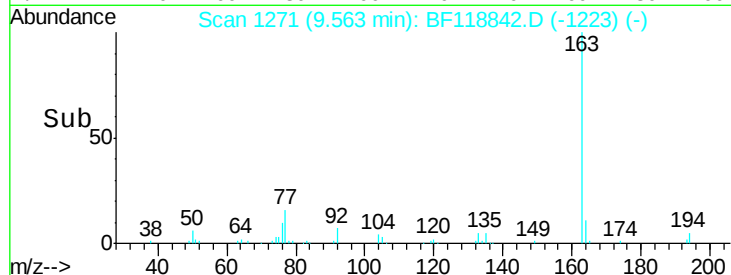
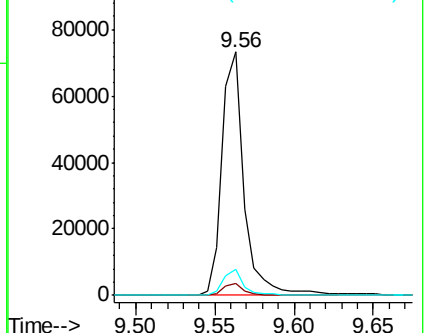
163 100

194 4.7 3.6 5.4

164 10.7 8.7 13.1



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. -0.01 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

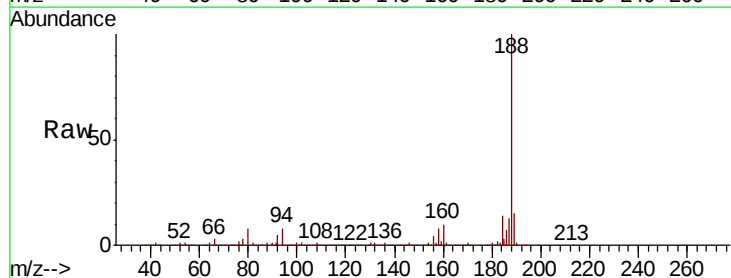
Tgt Ion:188 Resp: 798060

Ion Ratio Lower Upper

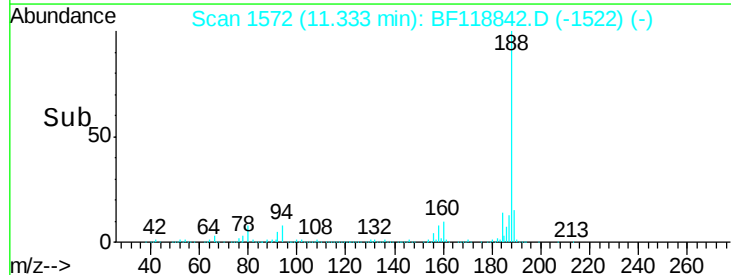
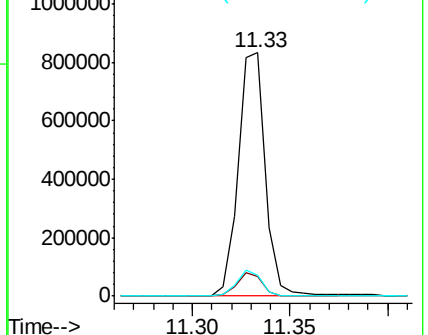
188 100

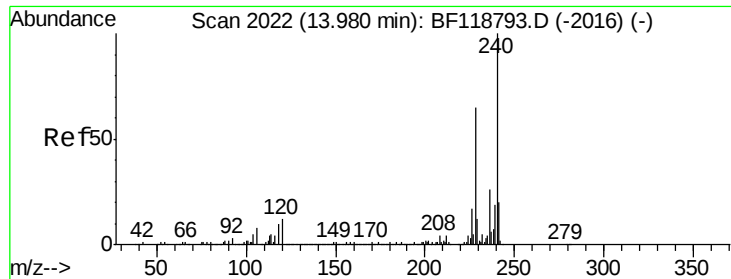
94 8.1 7.9 11.9

80 8.4 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

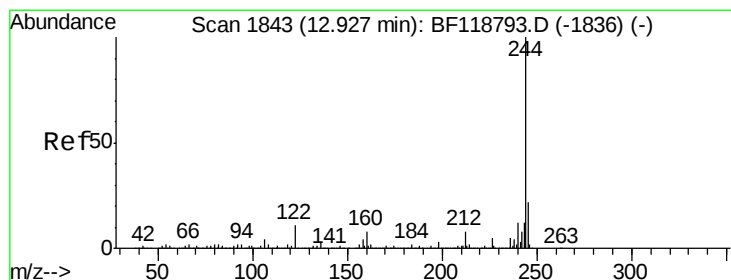
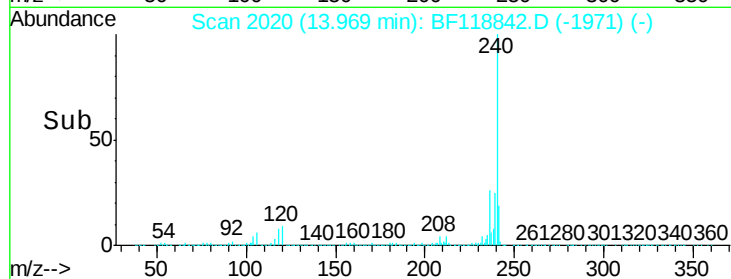
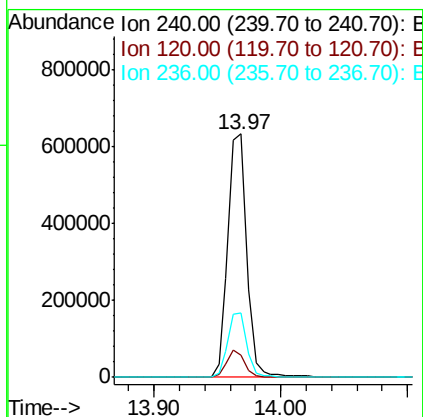
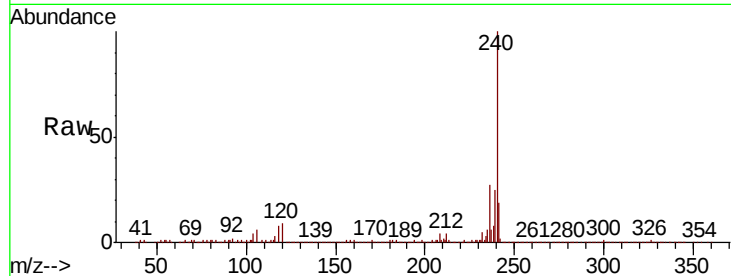




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF118842.D
 Acq: 6 Feb 2020 17:37

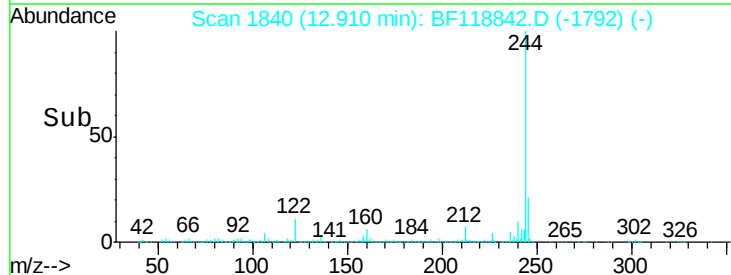
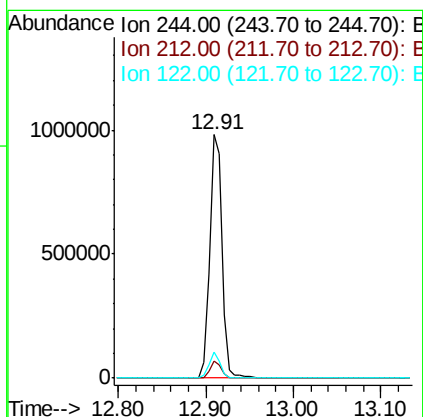
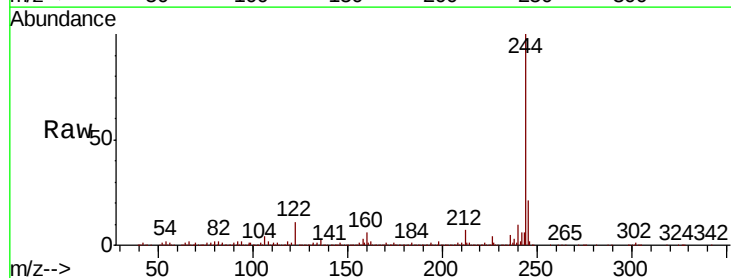
Instrument :
 BNA_F
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 ROW-6-5

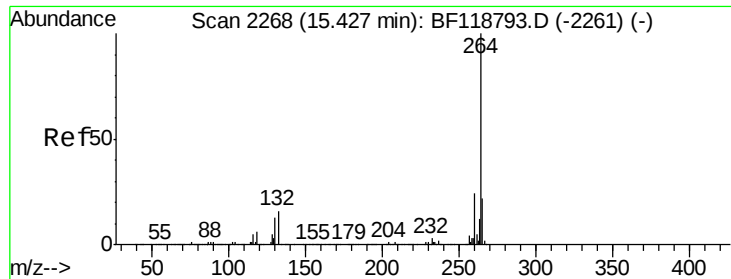
Tot Ion:240 Resp: 655060
 Ion Ratio Lower Upper
 240 100
 120 9.2 9.4 14.0#
 236 26.6 21.0 31.6



#79
 Terphenyl-d14
 Concen: 30.137 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.02 min
 Lab File: BF118842.D
 Acq: 6 Feb 2020 17:37

Tgt Ion:244 Resp: 961101
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 10.9 8.9 13.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118842.D
Acq: 6 Feb 2020 17:37

Instrument :
BNA_F
ClientSampleId :
ROW-6-5

Tot Ion:264 Resp: 753141

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	21.8	17.2	25.8

