

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119361.D
 Acq On : 11 Mar 2020 22:41
 Operator : CG/JU
 Sample : L1826-02DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MC5B40DL

Quant Time: Mar 12 07:17:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

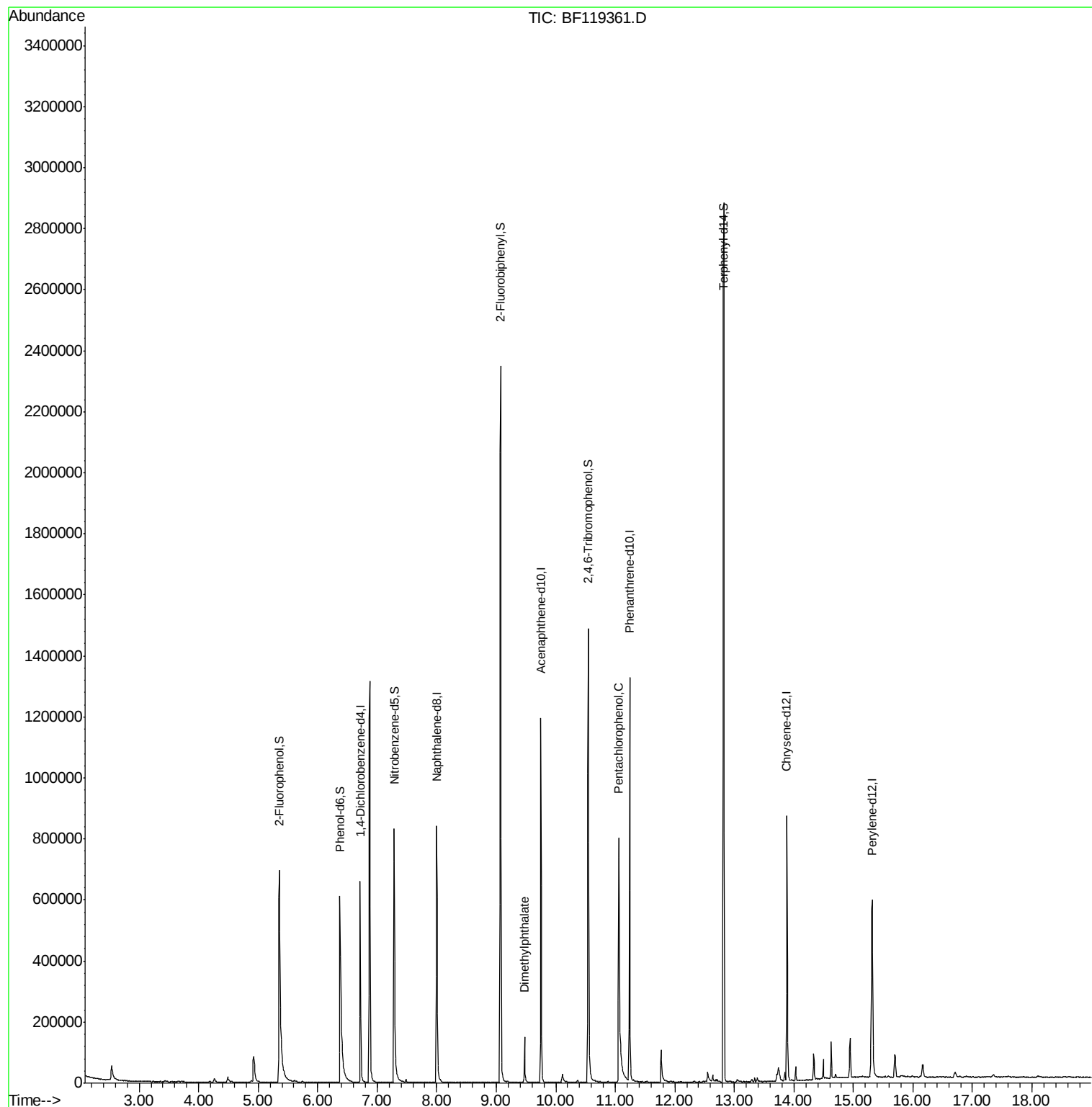
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	109009	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	427212	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	240309	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	467612	20.00	ng	0.00
76) Chrysene-d12	13.88	240	332407	20.00	ng	0.00
87) Perylene-d12	15.32	264	309161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	390229	59.82	ng	0.00
7) Phenol-d6	6.38	99	428805	54.05	ng	0.00
23) Nitrobenzene-d5	7.29	82	362055	44.75	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	212697	67.66	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	758391	46.49	ng	-0.01
79) Terphenyl-d14	12.82	244	1062456	55.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	70960	3.862	ng	98
70) Pentachlorophenol	11.06	266	156664	55.187	ng	99

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

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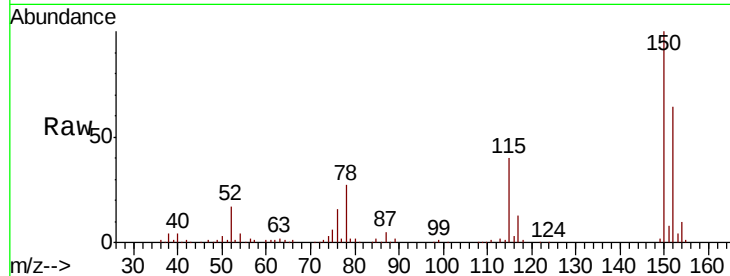


#1

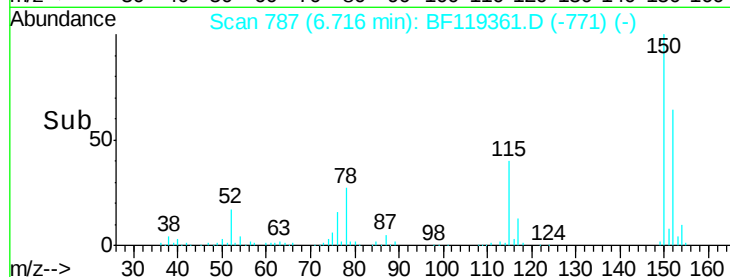
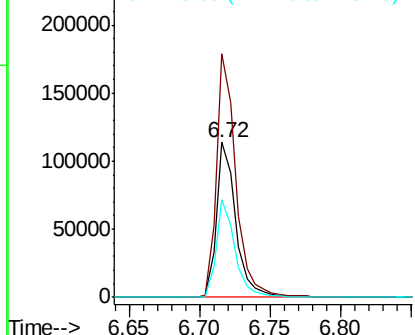
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF119361.D
 Acq: 11 Mar 2020 22:41

Instrument :
 BNA_F
 ClientSampleId :
 MC5B40DL

Tot Ion:152 Resp: 109009
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.0 184.6
 115 62.6 49.5 74.3



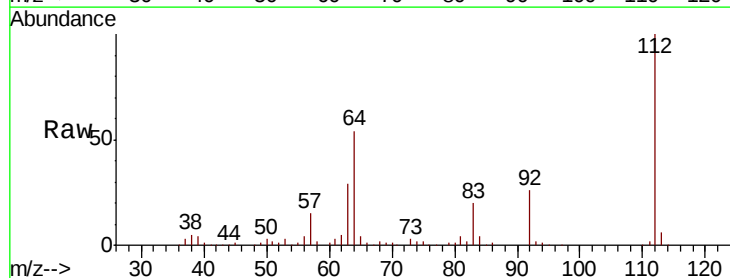
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



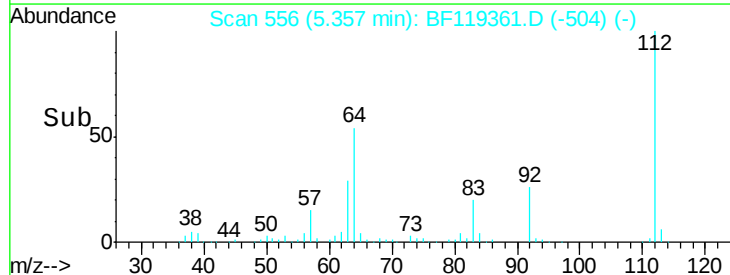
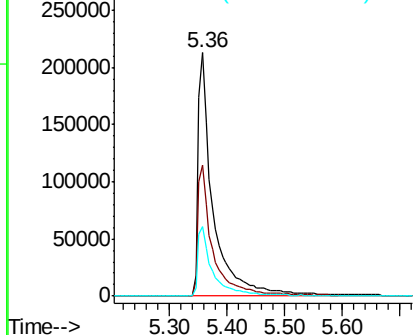
#5

2-Fluorophenol
 Concen: 59.825 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF119361.D
 Acq: 11 Mar 2020 22:41

Tgt Ion:112 Resp: 390229
 Ion Ratio Lower Upper
 112 100
 64 53.6 45.0 67.4
 63 28.6 24.2 36.4



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: 54.053 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

Instrument :

BNA_F

ClientSampleId :

MC5B40DL

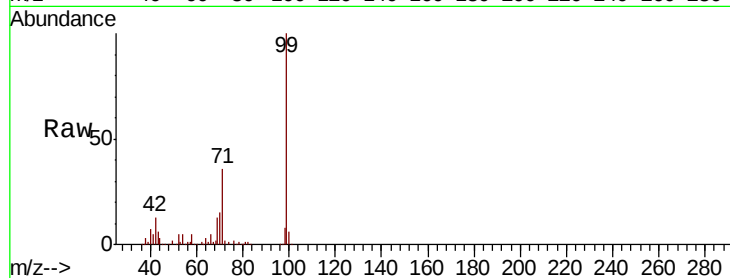
Tot Ion: 99 Resp: 428805

Ion Ratio Lower Upper

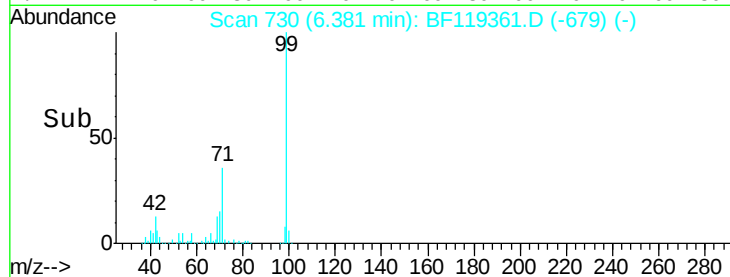
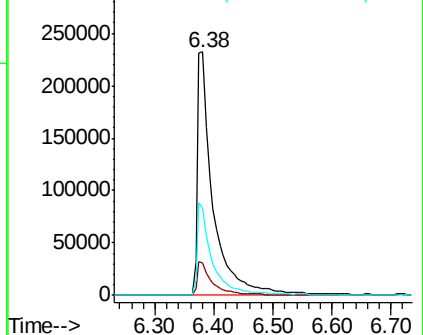
99 100

42 13.5 12.6 18.8

71 35.9 31.0 46.4



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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

Tgt Ion: 136 Resp: 427212

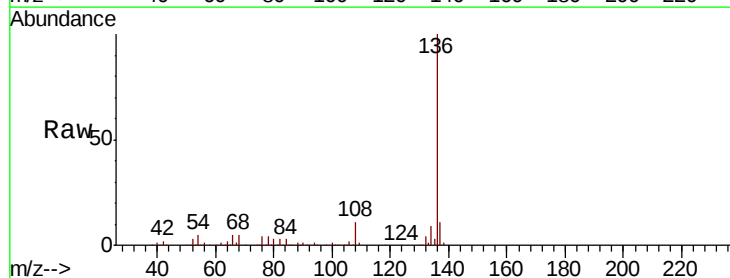
Ion Ratio Lower Upper

136 100

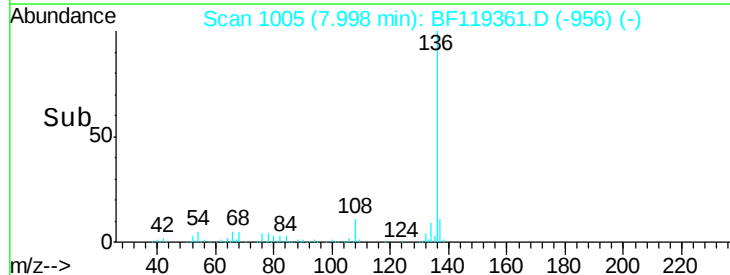
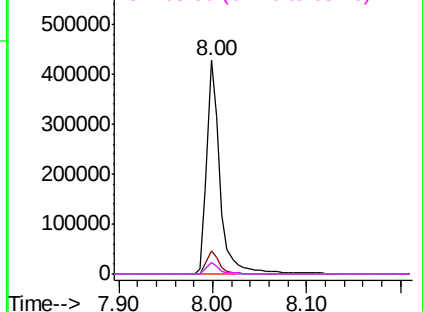
137 10.9 8.8 13.2

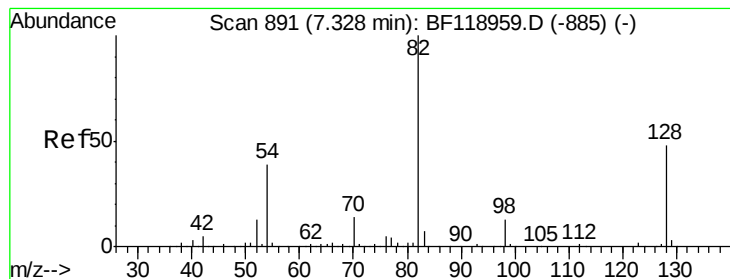
54 5.1 3.8 5.6

68 5.2 3.9 5.9



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: 44.747 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

Instrument :

BNA_F

ClientSampleId :

MC5B40DL

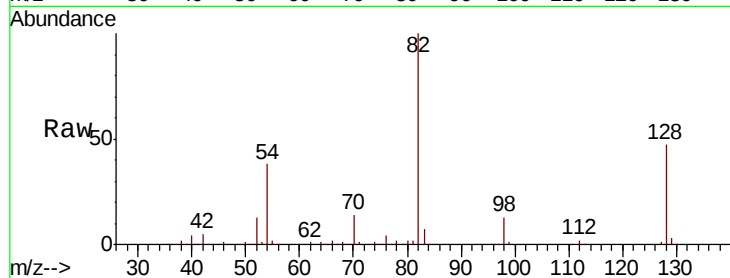
Tot Ion: 82 Resp: 362055

Ion Ratio Lower Upper

82 100

128 46.7 37.9 56.9

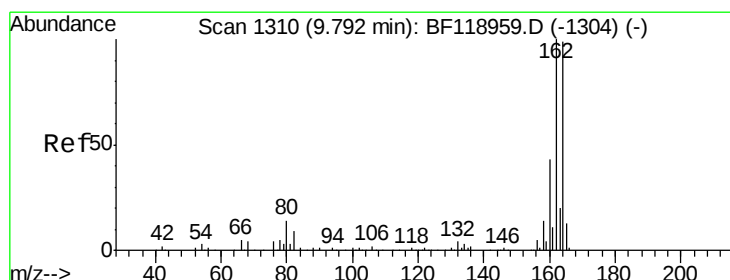
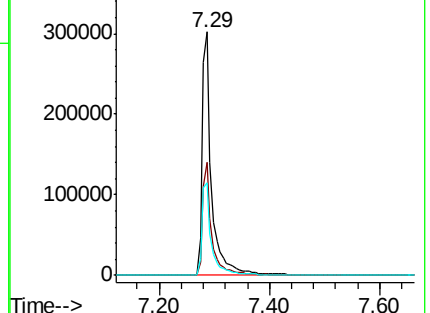
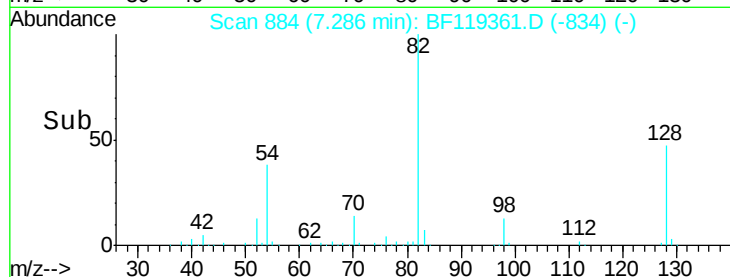
54 38.0 33.4 50.2



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

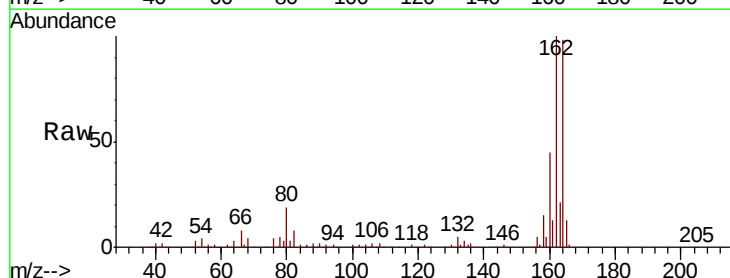
Tgt Ion: 164 Resp: 240309

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.8

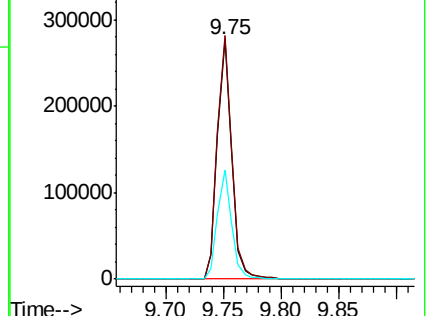
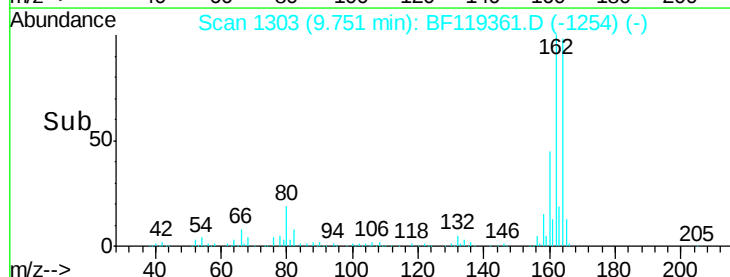
160 45.8 36.0 54.0



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: 67.659 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

Instrument :

BNA_F

ClientSampleId :

MC5B40DL

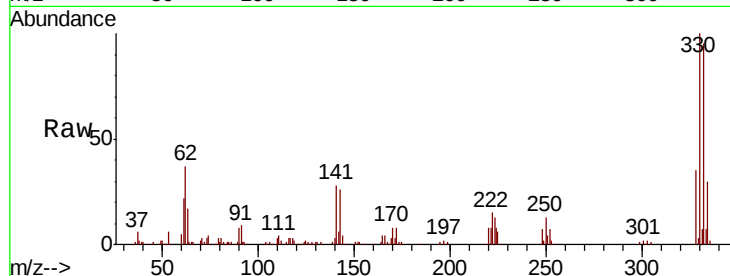
Tot Ion:330 Resp: 212697

Ion Ratio Lower Upper

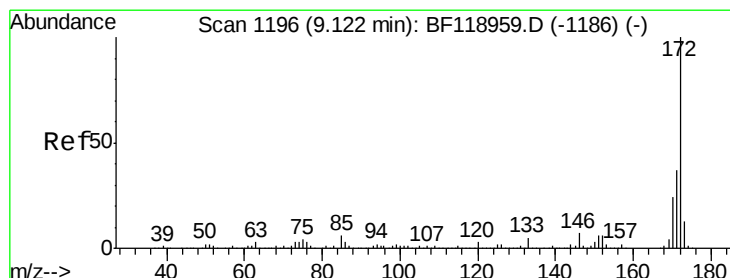
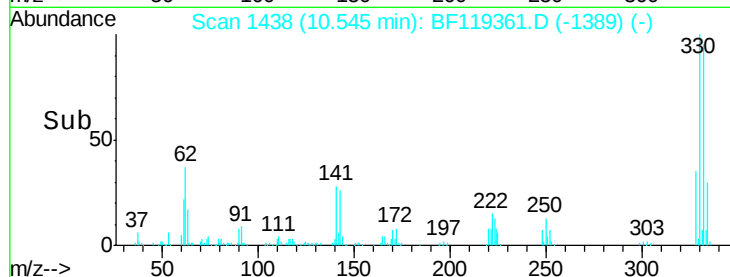
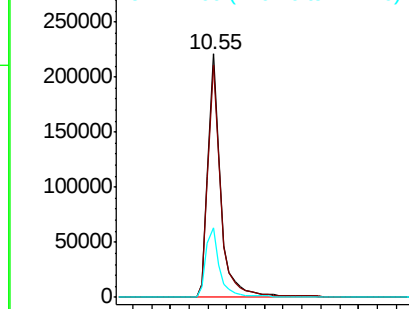
330 100

332 97.7 76.0 114.0

141 31.2 22.9 34.3



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: 46.492 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

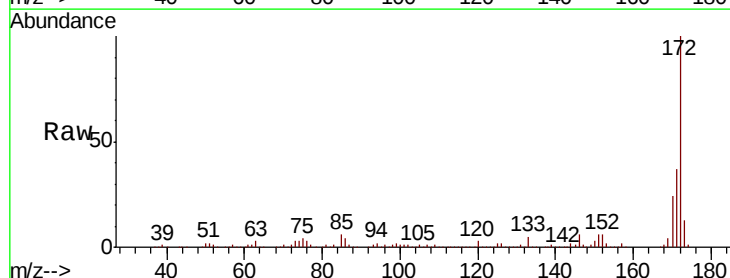
Tgt Ion:172 Resp: 758391

Ion Ratio Lower Upper

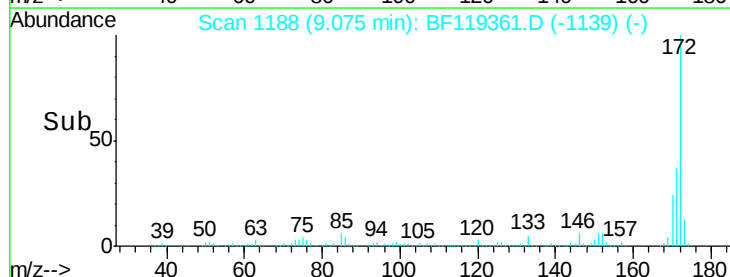
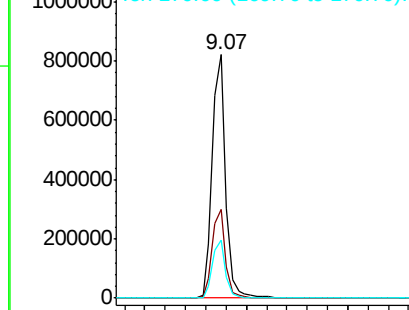
172 100

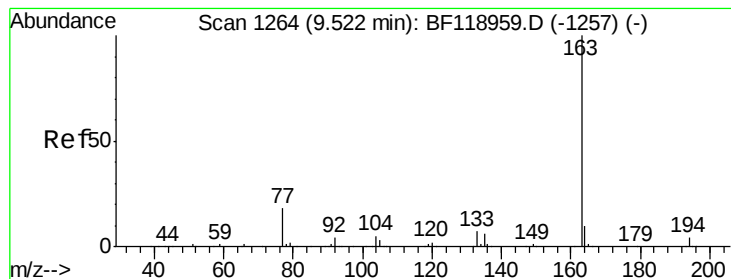
171 36.6 30.6 45.8

170 23.8 20.2 30.2



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: 3.862 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

Instrument :

BNA_F

ClientSampleID :

MC5B40DL

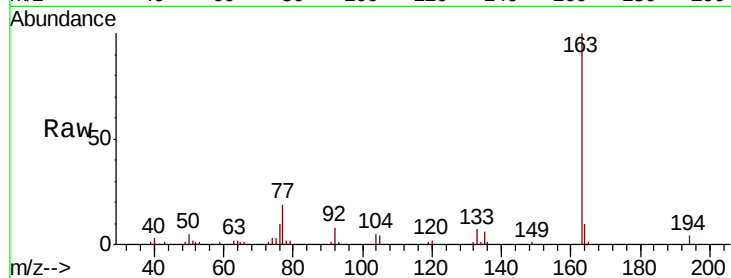
Tot Ion:163 Resp: 70960

Ion Ratio Lower Upper

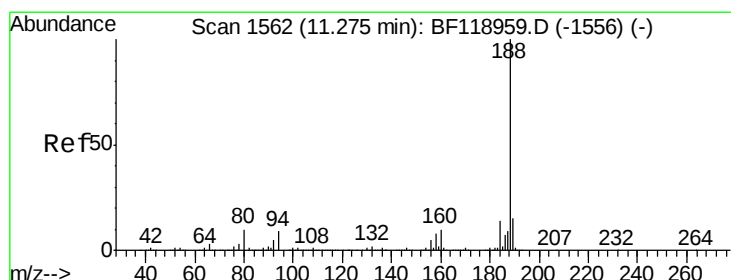
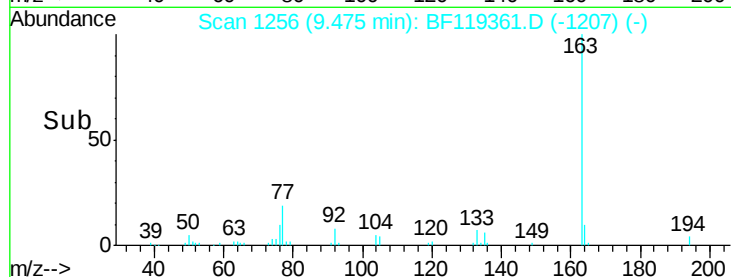
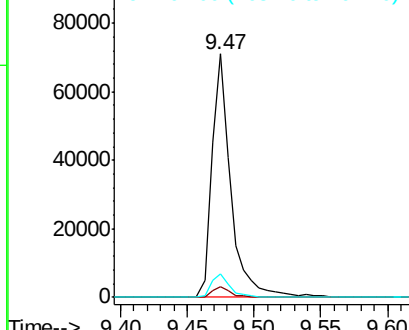
163 100

194 4.4 3.5 5.3

164 9.6 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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

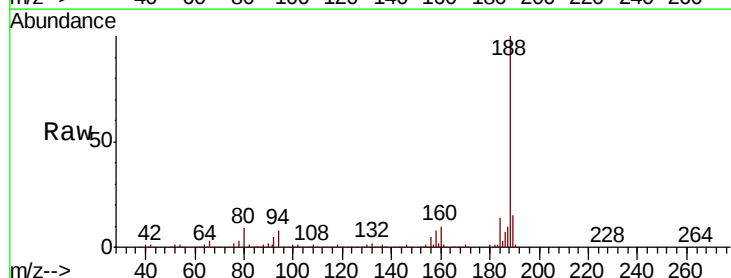
Tgt Ion:188 Resp: 467612

Ion Ratio Lower Upper

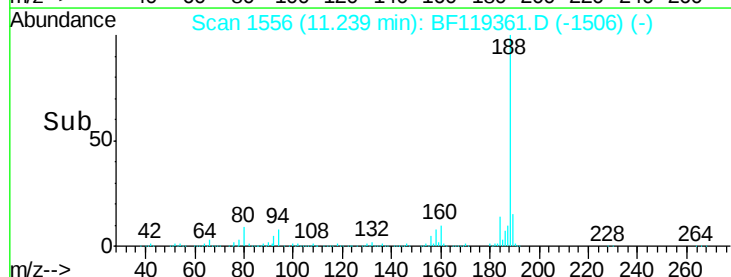
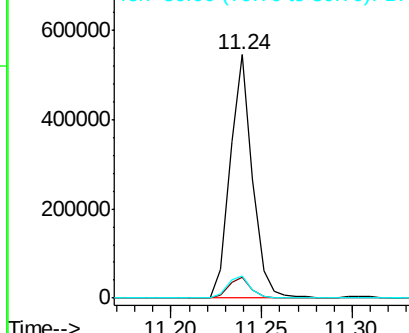
188 100

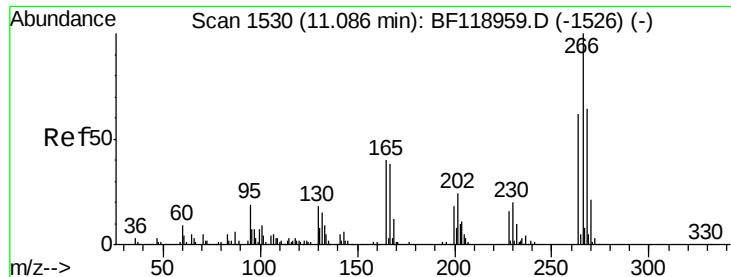
94 8.5 7.1 10.7

80 9.1 7.8 11.8



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

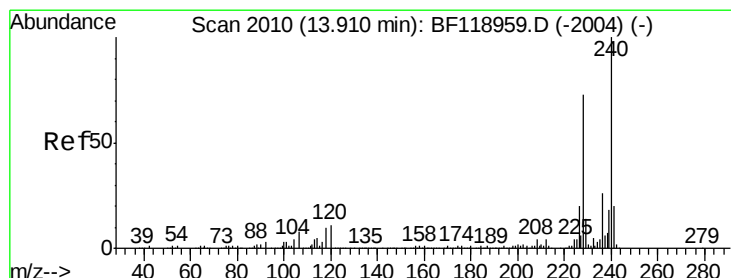
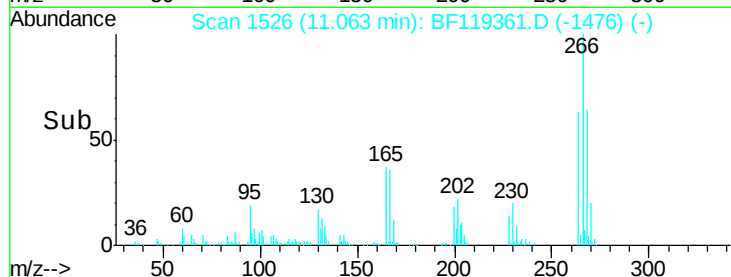
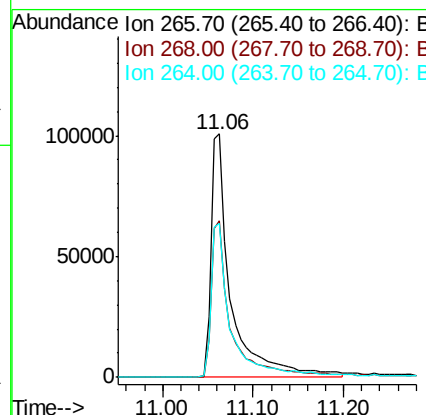
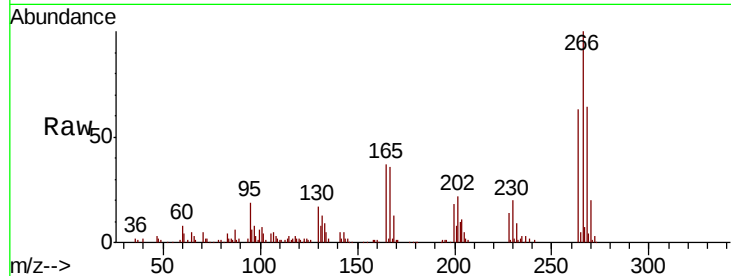




#70
 Pentachlorophenol
 Concen: 55.187 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF119361.D
 Acq: 11 Mar 2020 22:41

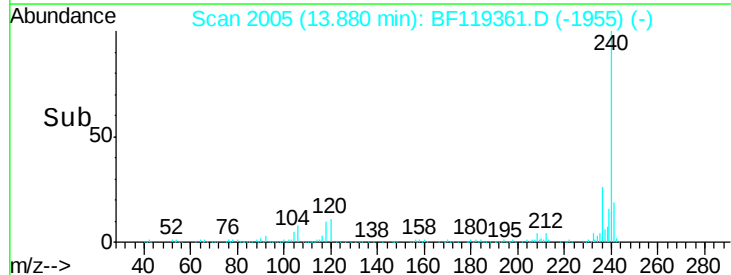
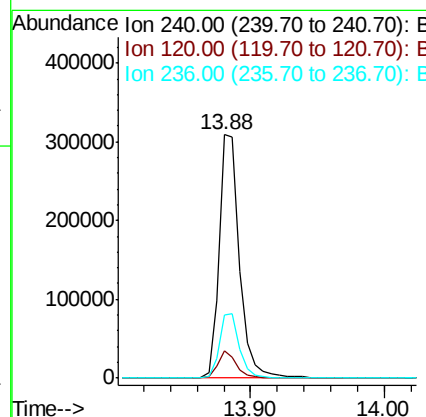
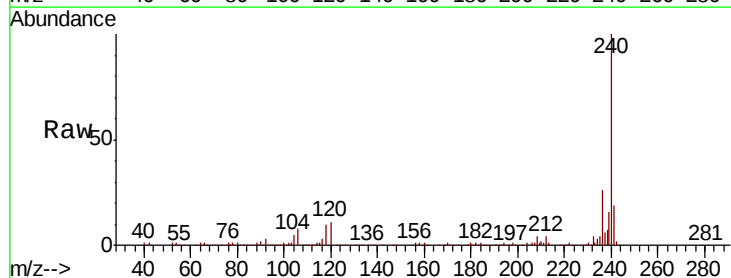
Instrument :
 BNA_F
 ClientSampled :
 MC5B40DL

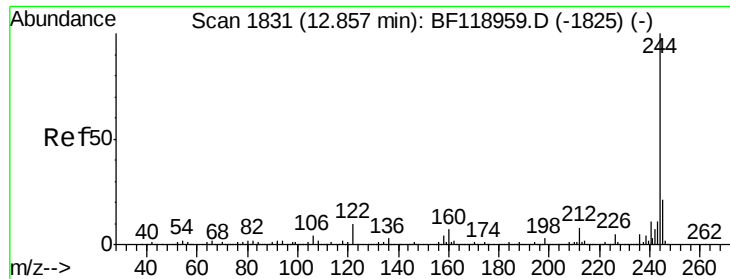
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.9	77.9
264	63.1	51.0	76.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119361.D
 Acq: 11 Mar 2020 22:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	26.1	21.0	31.4





#79

Terphenyl-d14

Concen: 55.029 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

Instrument :

BNA_F

ClientSampleId :

MC5B40DL

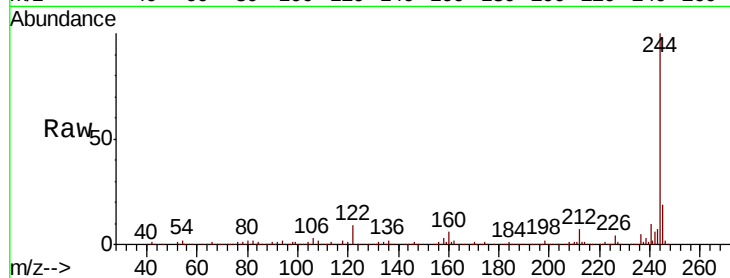
Tot Ion:244 Resp: 1062456

Ion Ratio Lower Upper

244 100

212 7.0 6.6 10.0

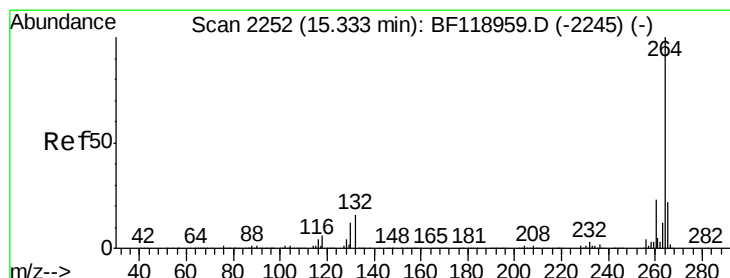
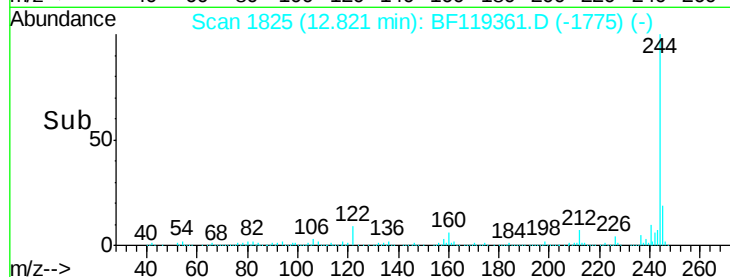
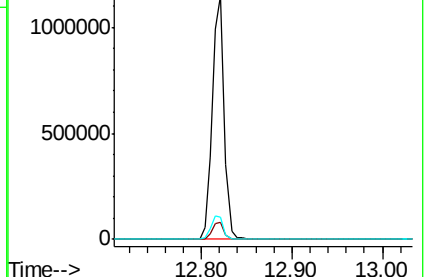
122 8.9 8.2 12.2



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF119361.D

Acq: 11 Mar 2020 22:41

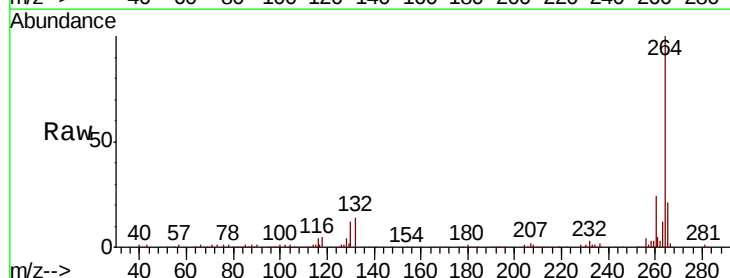
Tgt Ion:264 Resp: 309161

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.1 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

