

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119060.D
 Acq On : 25 Feb 2020 11:09
 Operator : CG/JU
 Sample : L1649-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Quant Time: Feb 25 12:36:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

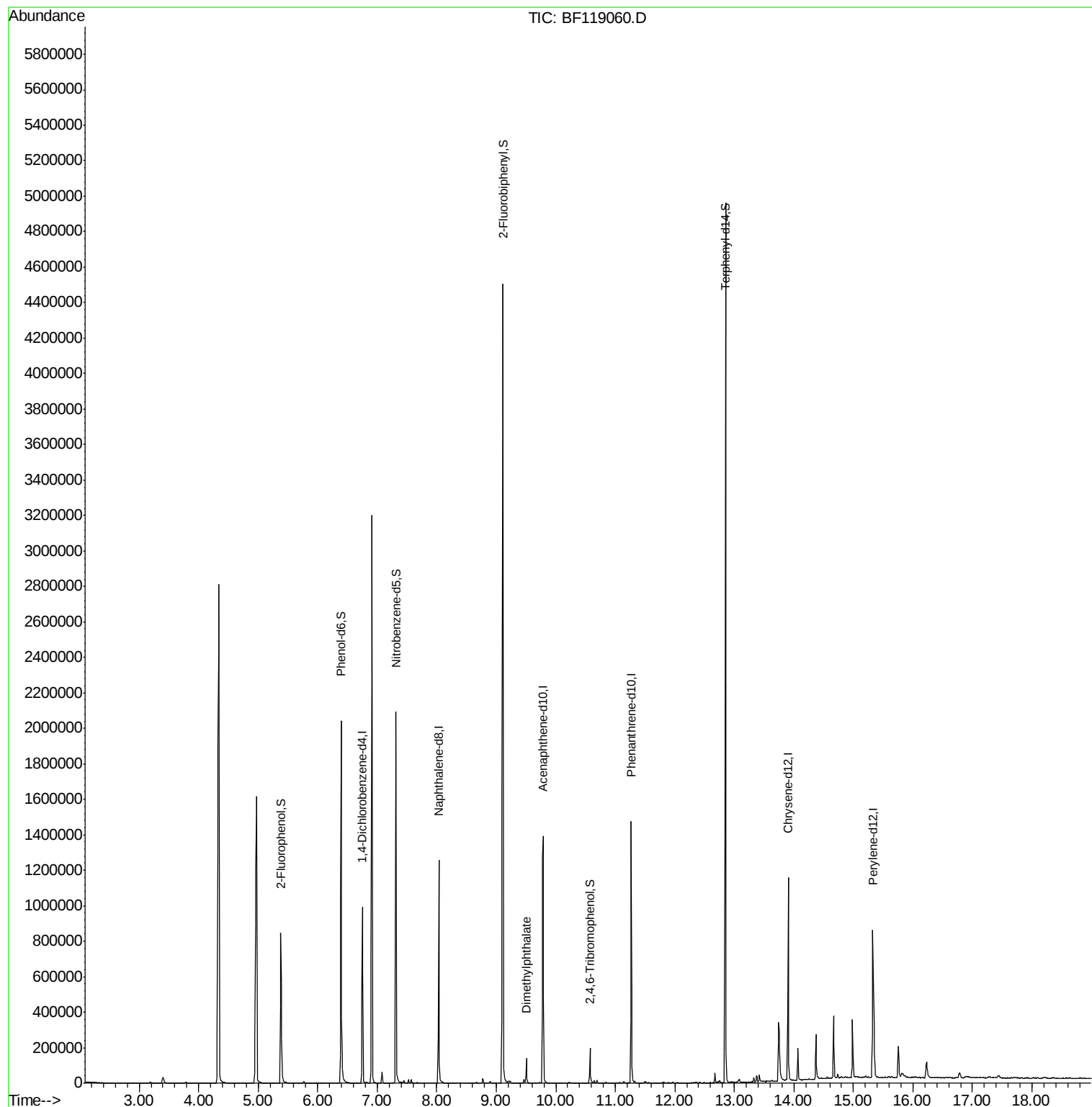
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153814	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	588459	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	318337	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	570870	20.00	ng	0.00
76) Chrysene-d12	13.90	240	395953	20.00	ng	0.00
87) Perylene-d12	15.33	264	403644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	270985	29.44	ng	0.00
7) Phenol-d6	6.39	99	758404	67.75	ng	-0.01
23) Nitrobenzene-d5	7.32	82	732392	65.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	31055	7.46	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1484063	68.68	ng	-0.01
79) Terphenyl-d14	12.85	244	1726894	75.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	77130	3.169	ng	Qvalue 100

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

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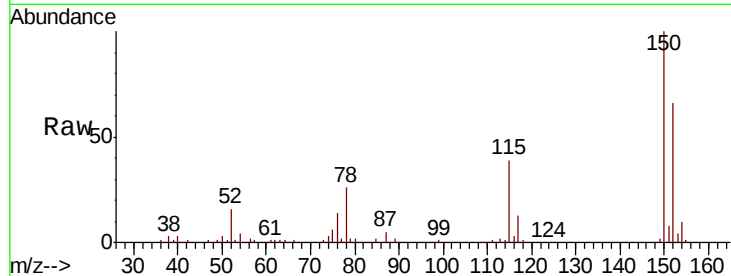


#1

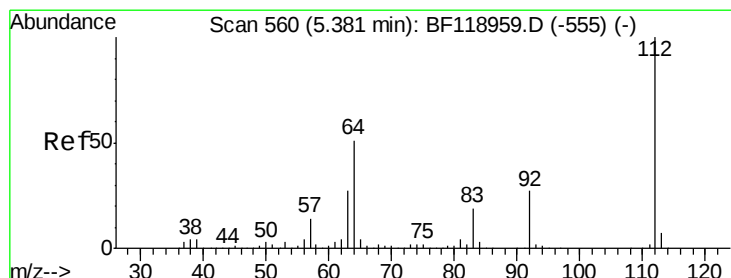
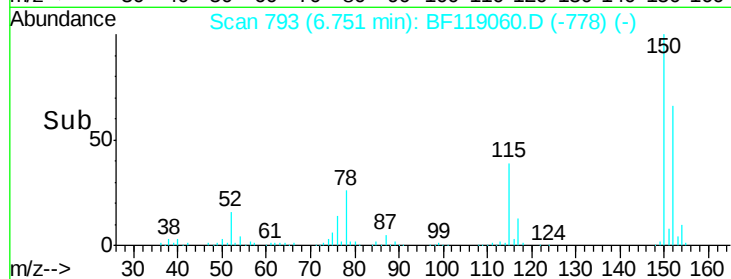
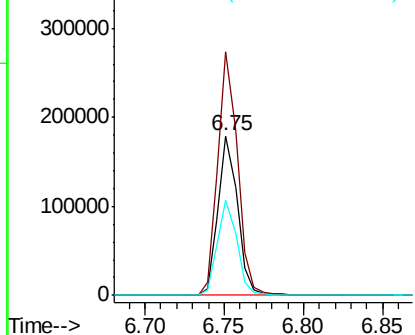
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119060.D
 Acq: 25 Feb 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tot Ion:152 Resp: 153814
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.3 186.5
 115 59.8 44.6 67.0



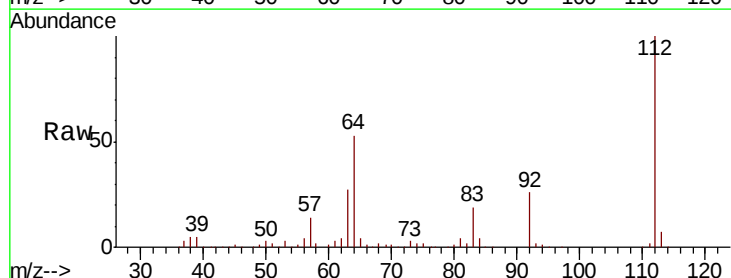
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



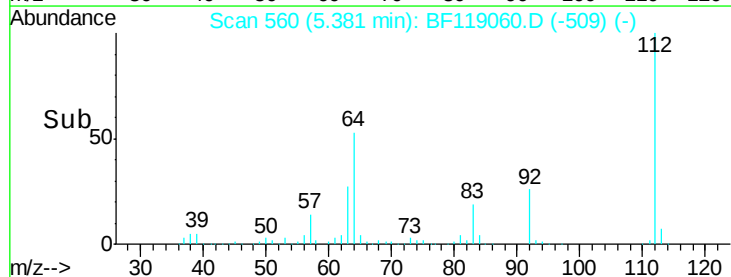
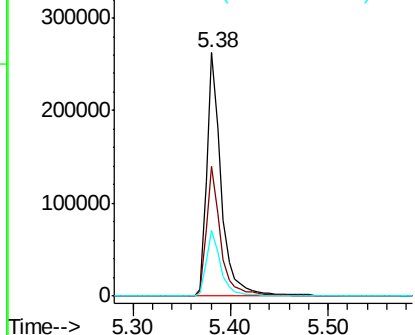
#5

2-Fluorophenol
 Concen: 29.442 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF119060.D
 Acq: 25 Feb 2020 11:09

Tgt Ion:112 Resp: 270985
 Ion Ratio Lower Upper
 112 100
 64 53.2 40.4 60.6
 63 27.1 21.3 31.9



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: 67.753 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

Instrument :

BNA_F

ClientSampled :

CONCRETE

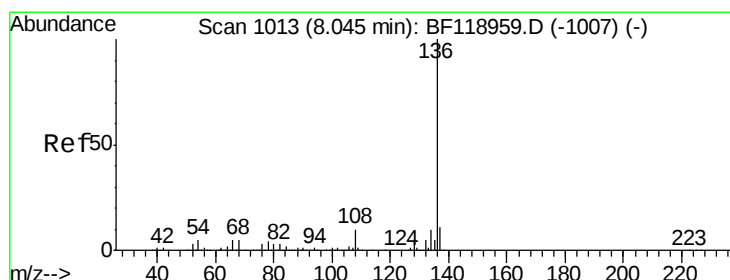
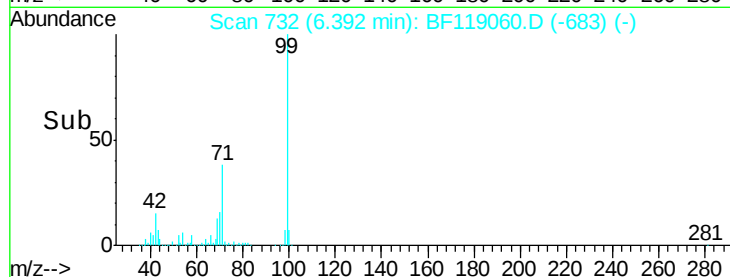
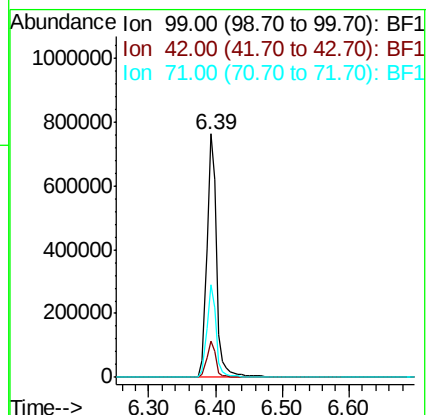
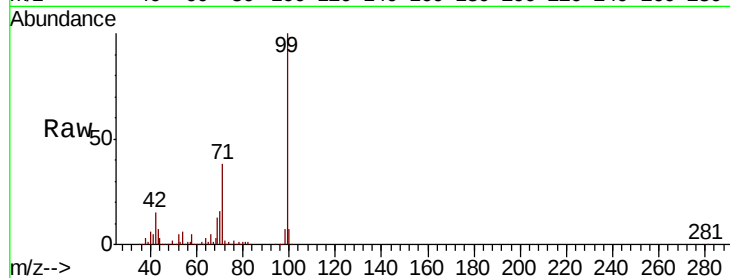
Tot Ion: 99 Resp: 758404

Ion Ratio Lower Upper

99 100

42 14.7 11.4 17.0

71 38.2 29.8 44.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

Tgt Ion: 136 Resp: 588459

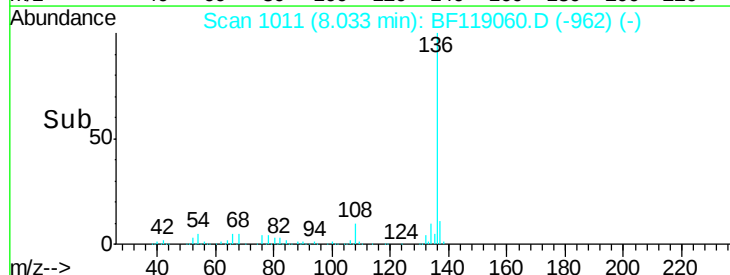
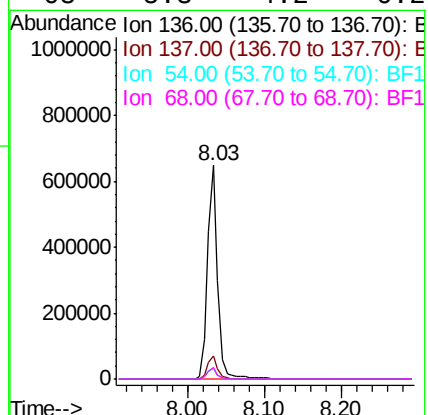
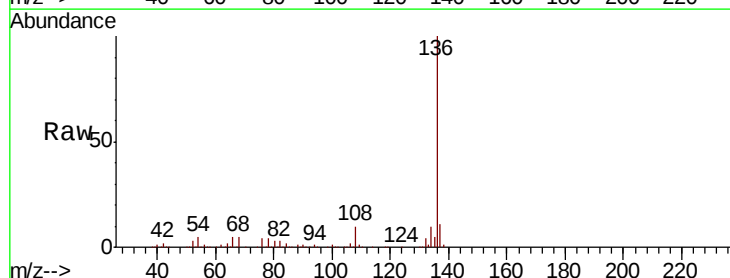
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 4.9 3.8 5.6

68 5.3 4.2 6.2

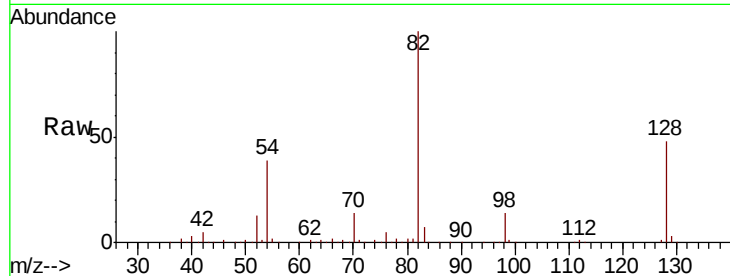




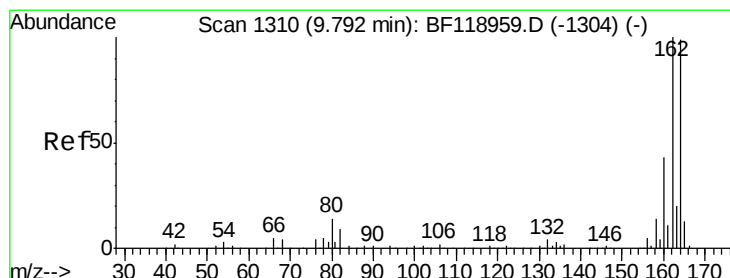
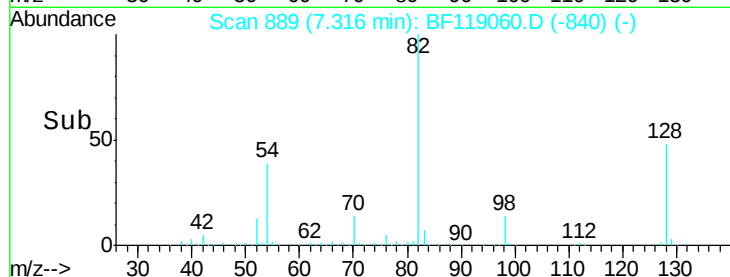
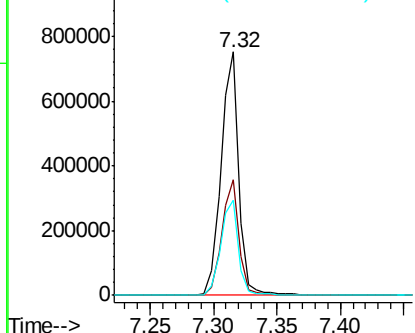
#23
Nitrobenzene-d5
Concen: 65.715 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Instrument :
BNA_F
ClientSampled :
CONCRETE

Tot Ion: 82 Resp: 732392
Ion Ratio Lower Upper
82 100
128 47.6 38.2 57.2
54 38.9 31.3 46.9

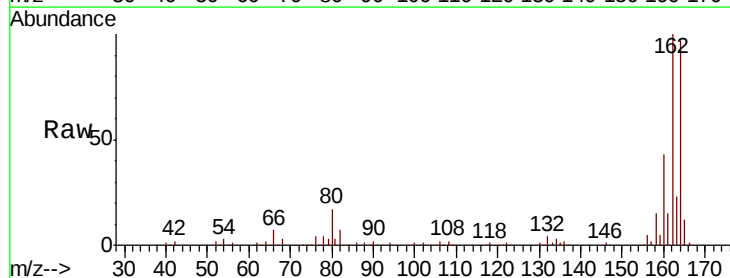


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

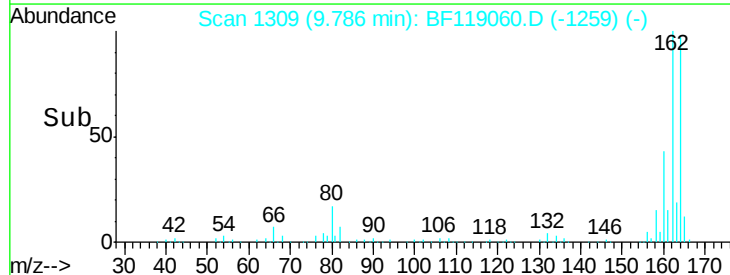
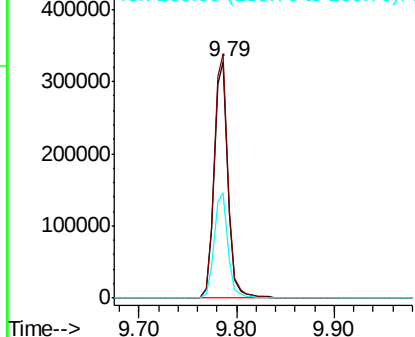


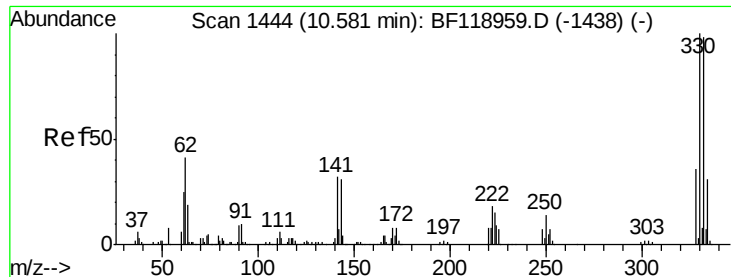
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Tgt Ion:164 Resp: 318337
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 44.5 35.2 52.8



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: 7.457 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

Instrument :

BNA_F

ClientSampleId :

CONCRETE

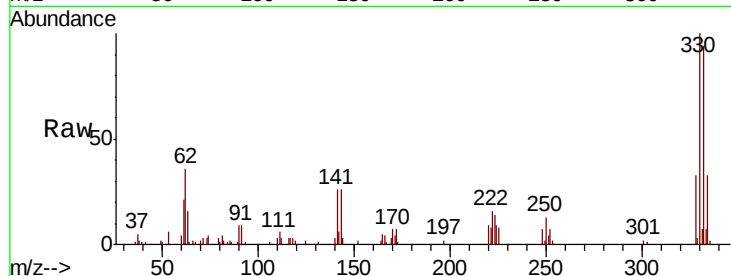
Tot Ion:330 Resp: 31055

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

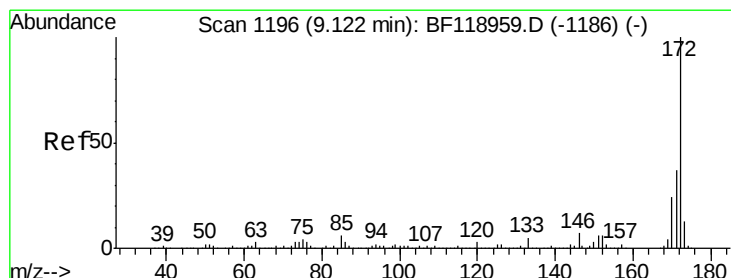
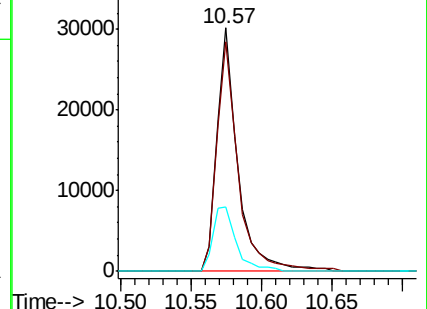
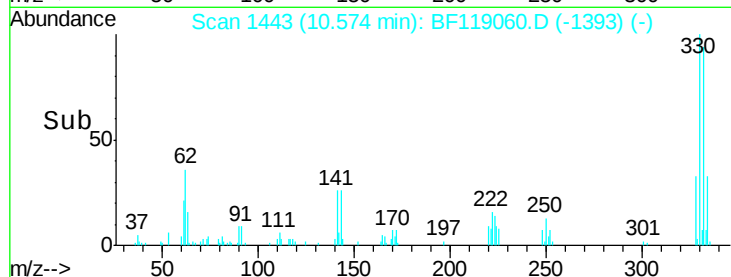
141 29.4 23.0 34.6



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: 68.678 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

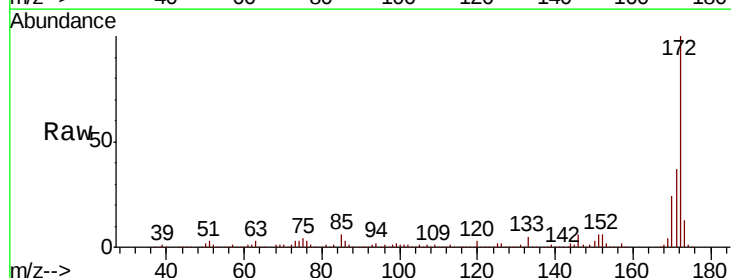
Tgt Ion:172 Resp: 1484063

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.2

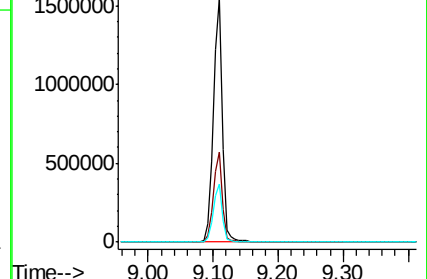
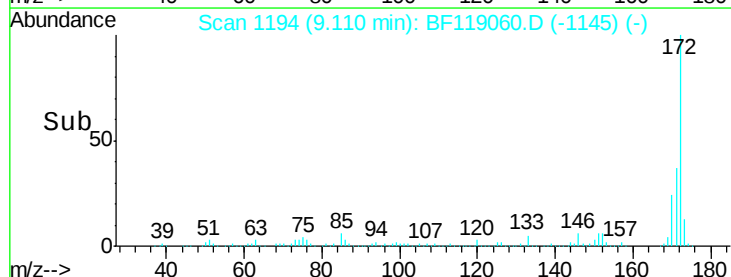
170 24.0 19.6 29.4

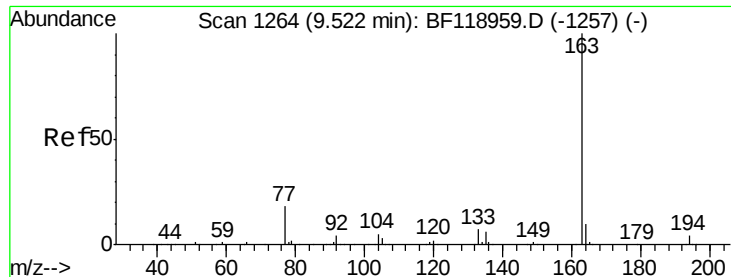


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

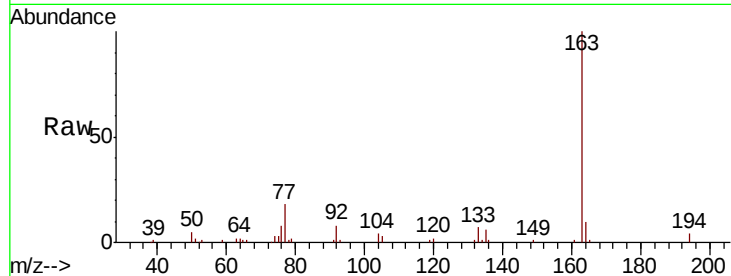




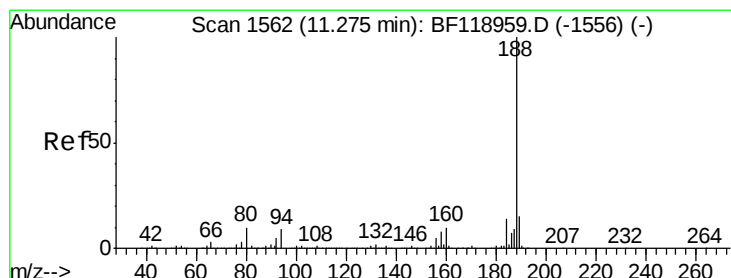
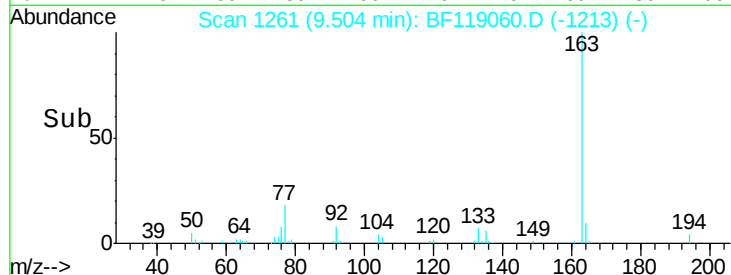
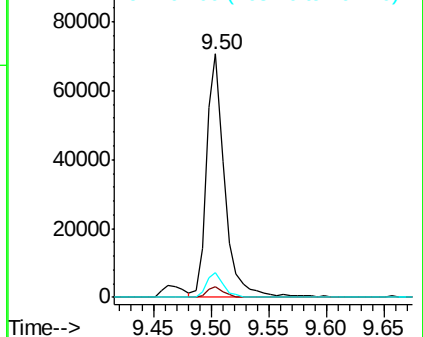
#50
Dimethylphthalate
Concen: 3.169 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion:163 Resp: 77130
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.2 12.2

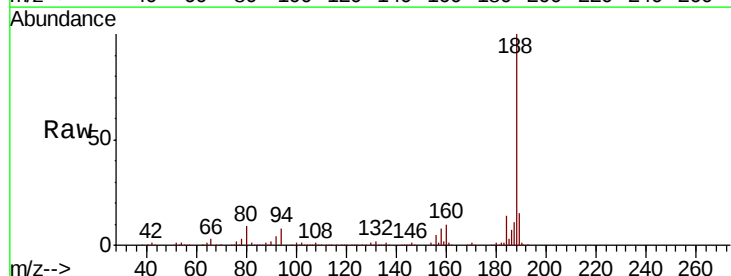


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

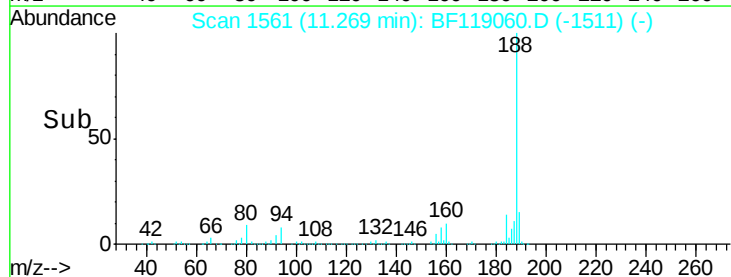
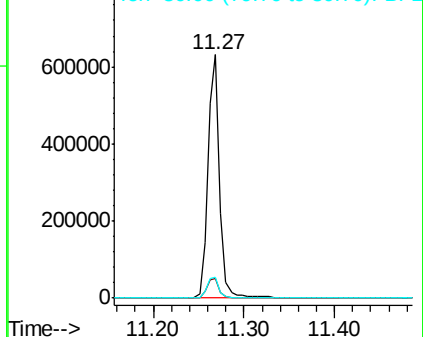


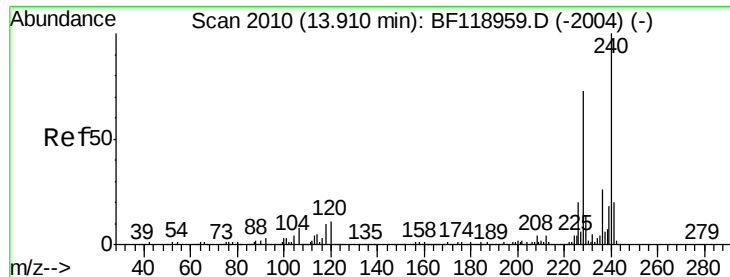
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Tgt Ion:188 Resp: 570870
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.6 7.9 11.9



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

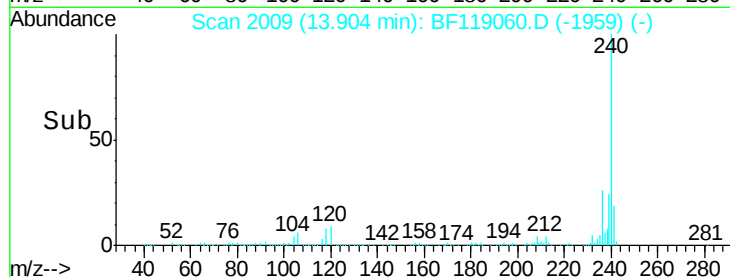
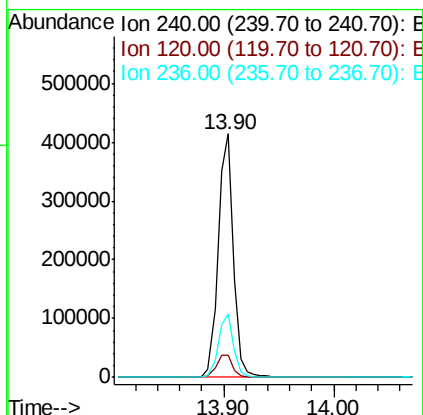
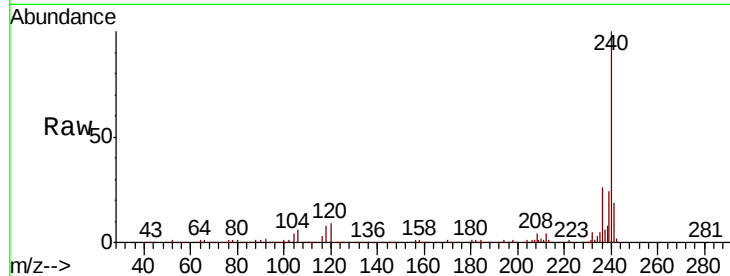




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119060.D
 Acq: 25 Feb 2020 11:09

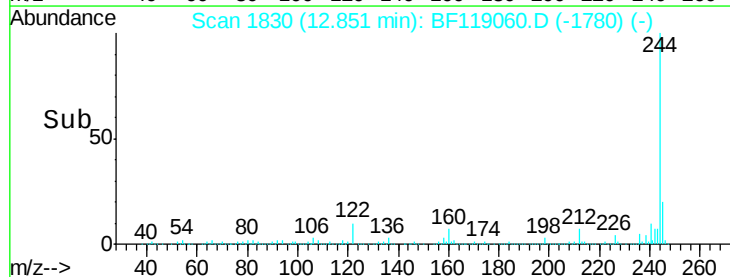
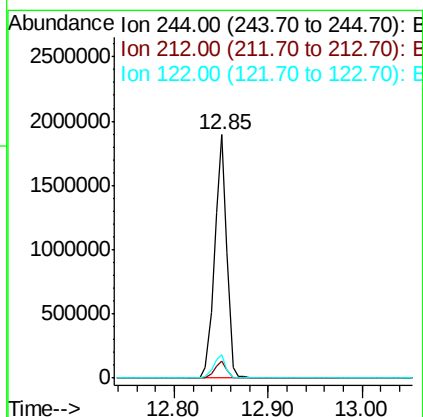
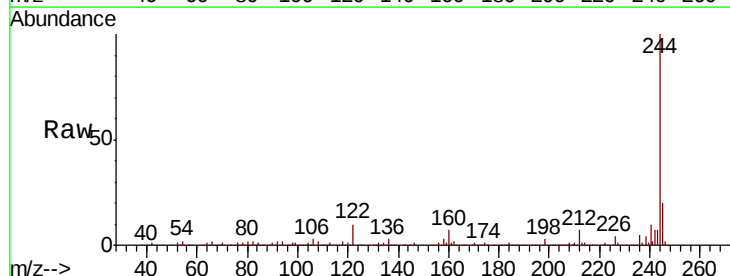
Instrument :
 BNA_F
 ClientSampleID :
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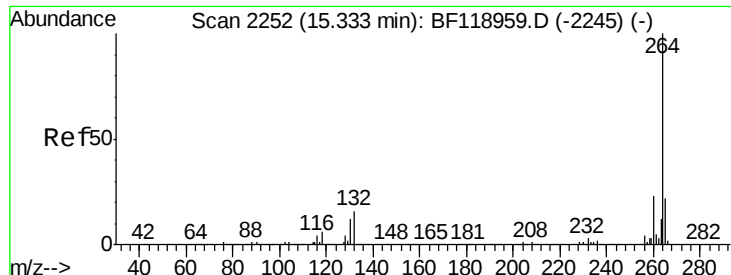
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.9	13.3
236	25.9	20.6	30.8



#79
 Terphenyl-d14
 Concen: 75.088 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119060.D
 Acq: 25 Feb 2020 11:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	9.8	8.4	12.6

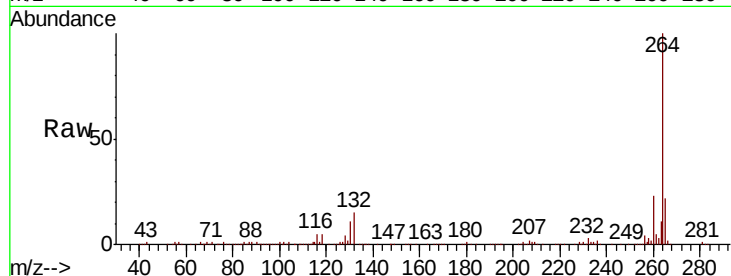




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119060.D
 Acq: 25 Feb 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tot Ion:264 Resp: 403644
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.6 17.3 25.9



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

