

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114541.D
 Acq On : 23 May 2019 23:21
 Operator : JU/SJ
 Sample : K2962-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Quant Time: May 24 08:03:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

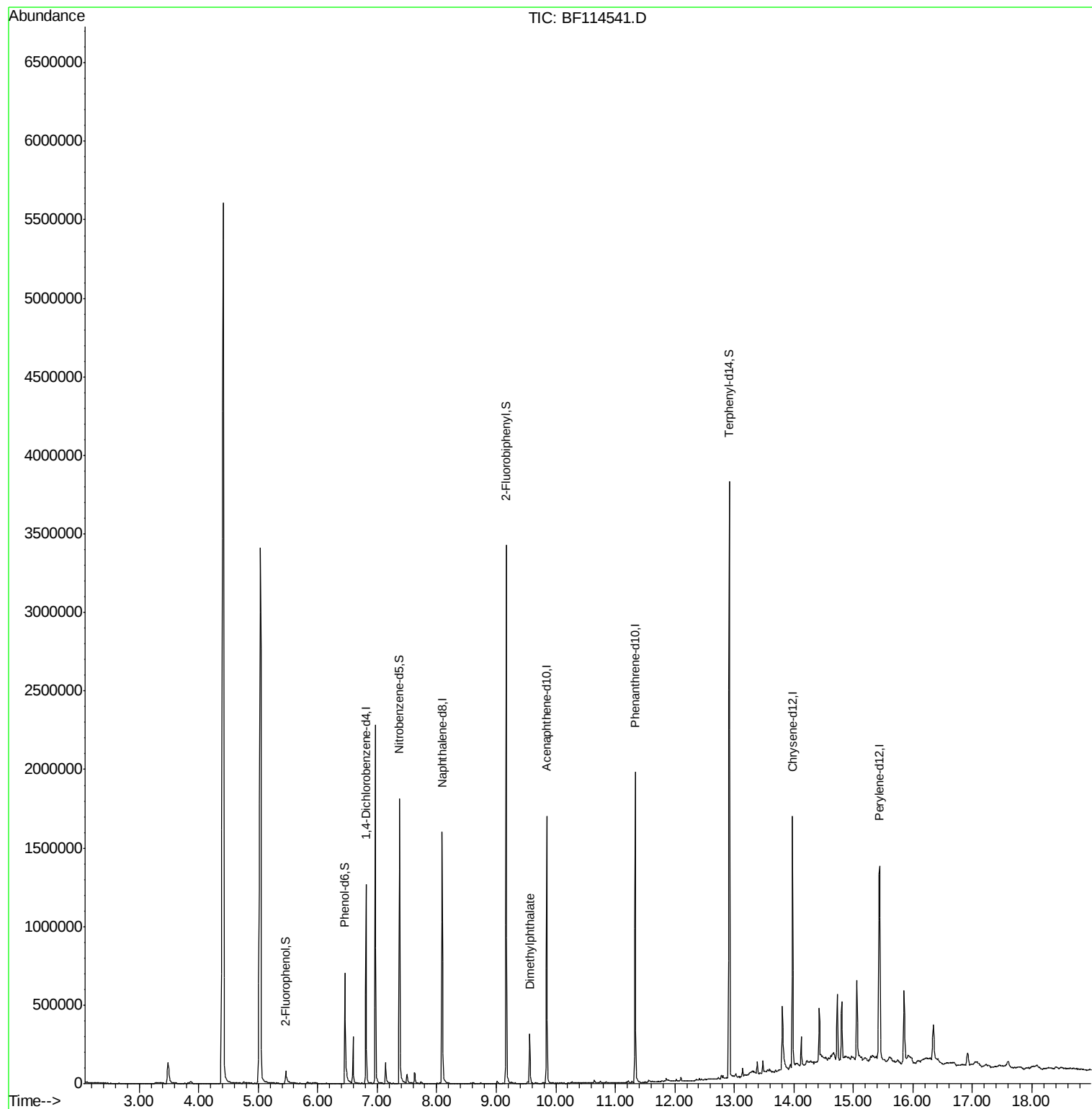
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	180047	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	713670	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	348842	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	721832	20.00	ng	0.00
76) Chrysene-d12	13.98	240	566578	20.00	ng	0.00
87) Perylene-d12	15.44	264	491172	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	48569	4.34	ng	0.02
7) Phenol-d6	6.46	99	322874	24.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	555960	43.72	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	3381	0.94	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1082381	46.93	ng	0.00
79) Terphenyl-d14	12.92	244	1239540	45.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	133903	5.229	ng	Qvalue 99

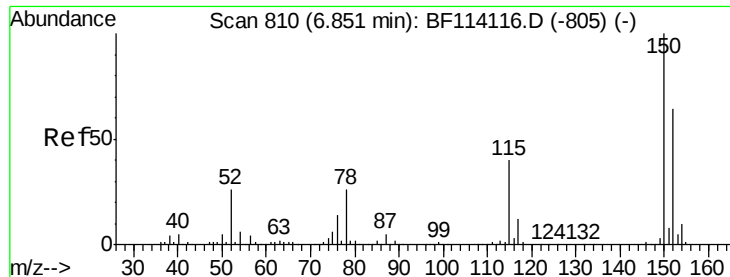
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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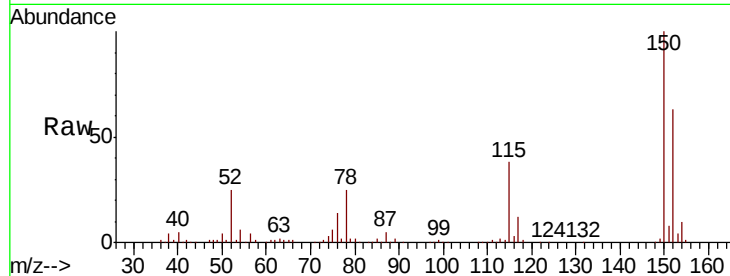


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114541.D
Acq: 23 May 2019 23:21

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BUS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.3	186.5
115	60.9	49.1	73.7

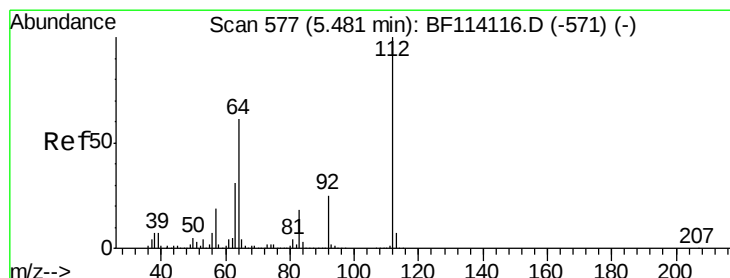
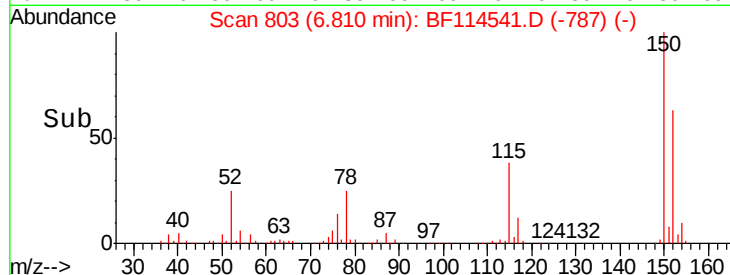
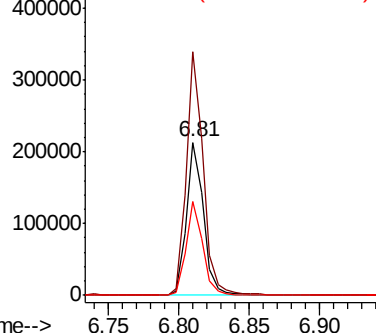


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

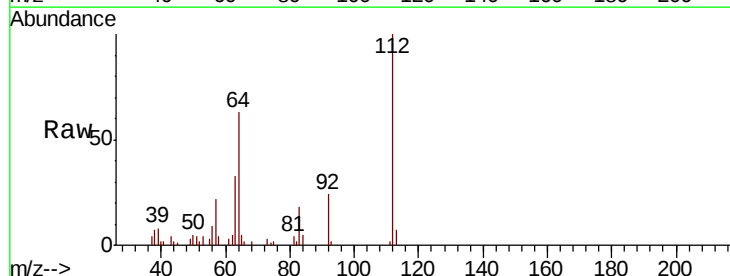
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.341 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF114541.D
Acq: 23 May 2019 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.0	73.6
63	33.2	24.6	37.0

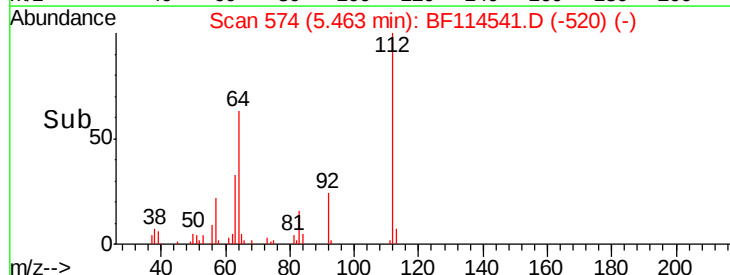
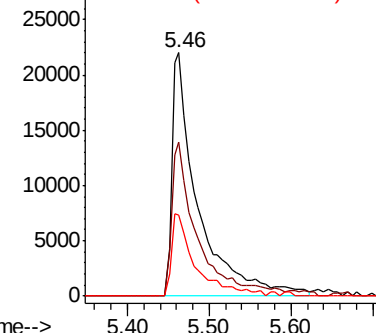


Abundance

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: 24.400 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BUS

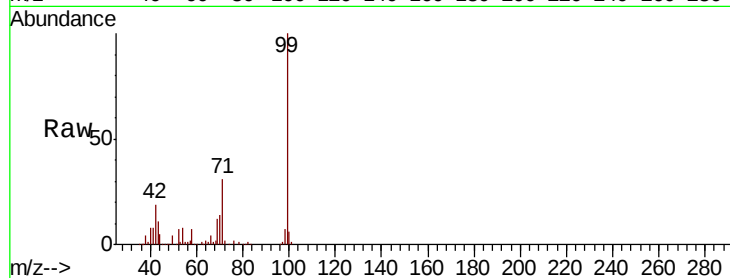
Tot Ion: 99 Resp: 322874

Ion Ratio Lower Upper

99 100

42 19.5 17.9 26.9

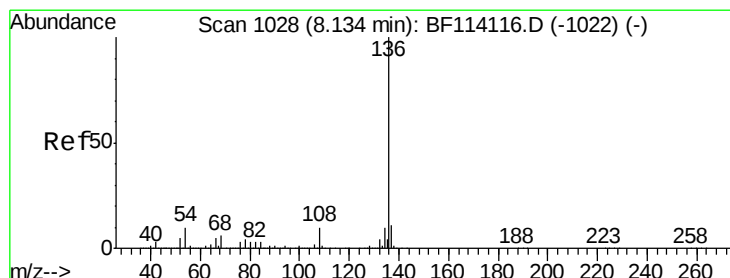
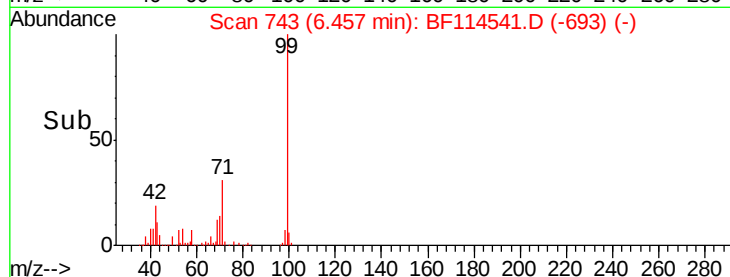
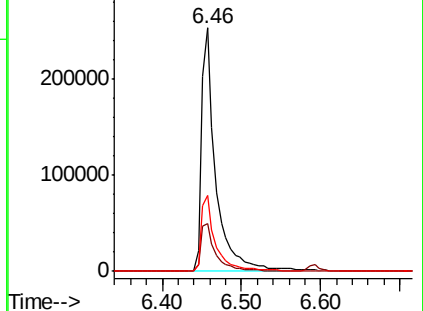
71 31.3 26.2 39.2



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: BF114541.D

Acq: 23 May 2019 23:21

Tgt Ion: 136 Resp: 713670

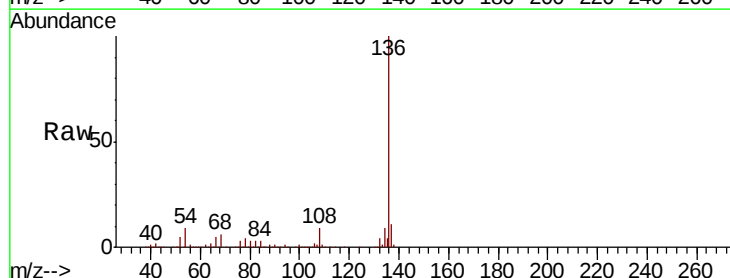
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.8 7.8 11.8

68 5.8 5.1 7.7

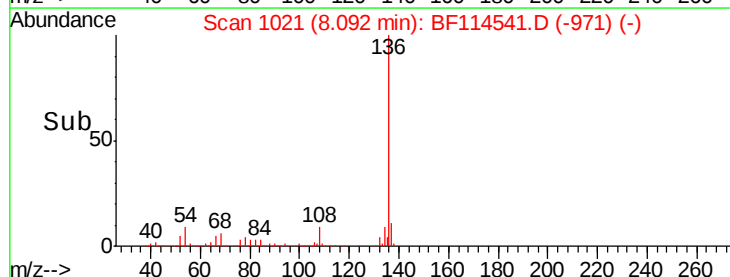
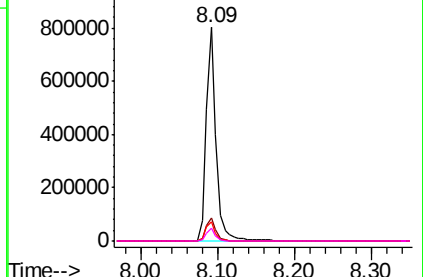


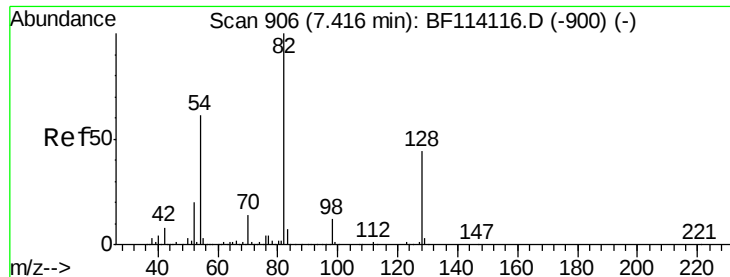
Abundance Ion 136.00 (135.70 to 136.70): E

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

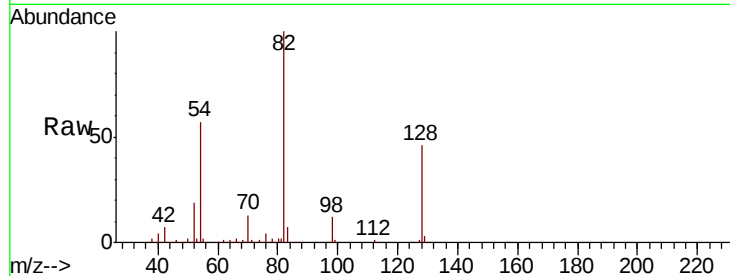




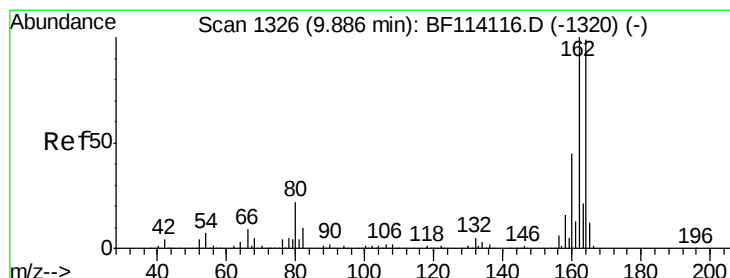
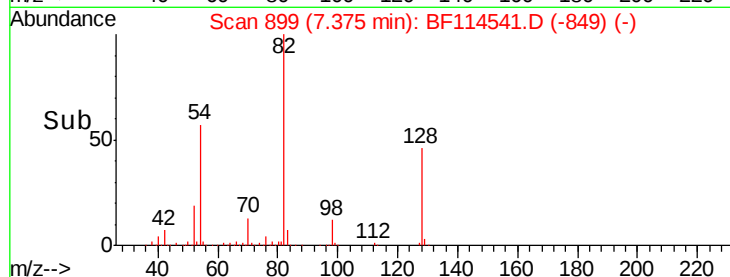
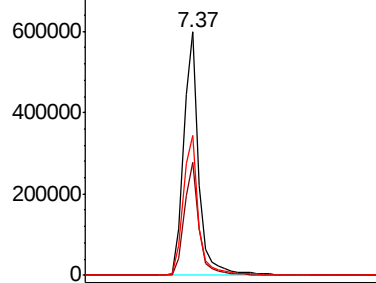
#23
Nitrobenzene-d5
Concen: 43.718 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114541.D
Acq: 23 May 2019 23:21

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BUS

Tot Ion	82	Resp	555960
Ion Ratio	100	Lower	Upper
128	46.3	35.5	53.3
54	57.5	48.5	72.7

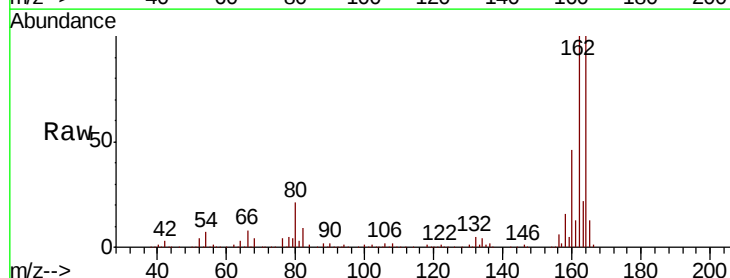


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

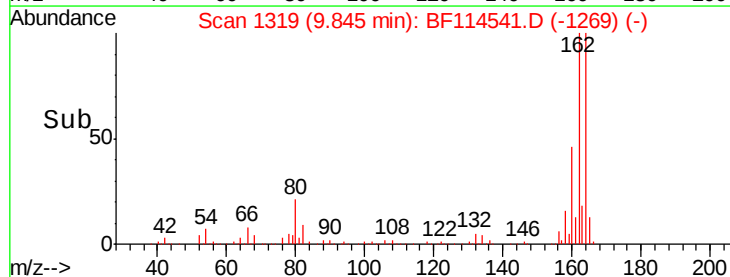
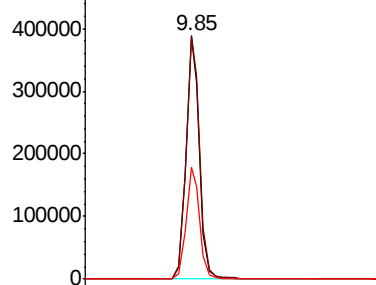


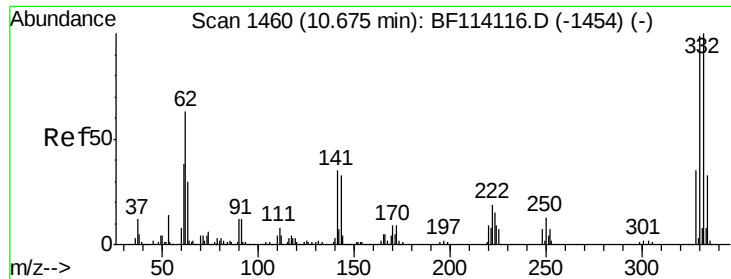
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114541.D
Acq: 23 May 2019 23:21

Tgt Ion	164	Resp	348842
Ion Ratio	100	Lower	Upper
162	100.2	80.6	120.8
160	45.8	36.5	54.7



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: 0.937 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BUS

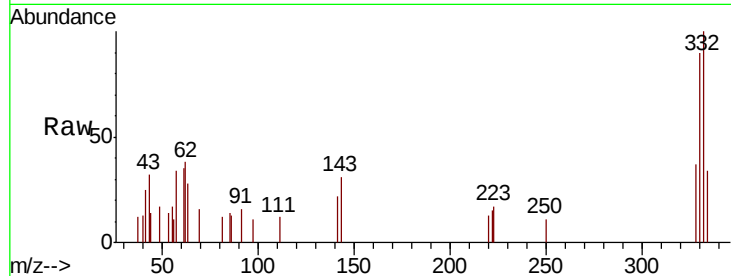
Tot Ion:330 Resp: 3381

Ion Ratio Lower Upper

330 100

332 100.3 81.4 122.2

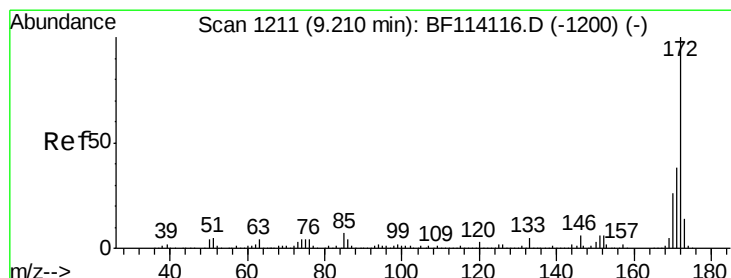
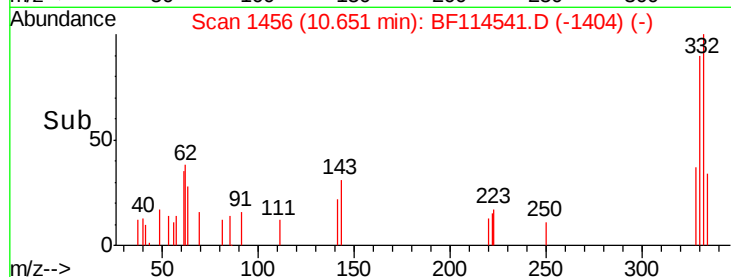
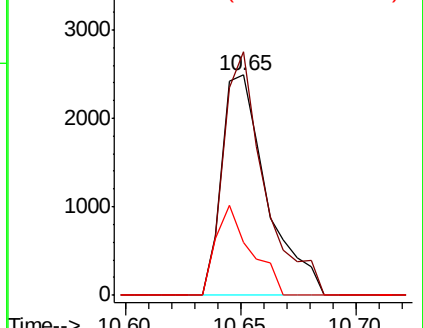
141 31.7 26.6 40.0



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: 46.935 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

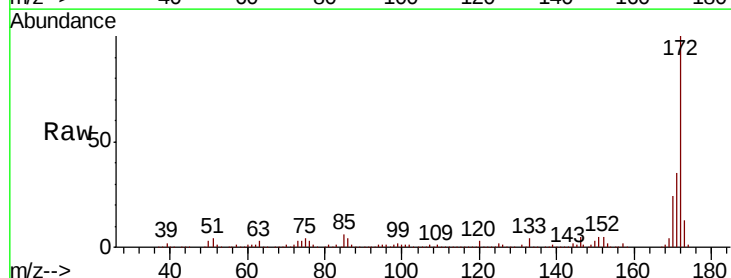
Tgt Ion:172 Resp: 1082381

Ion Ratio Lower Upper

172 100

171 35.3 30.7 46.1

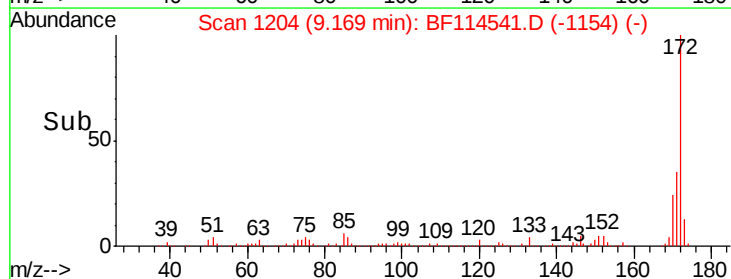
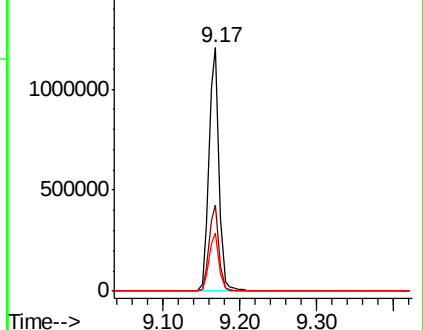
170 23.9 20.5 30.7

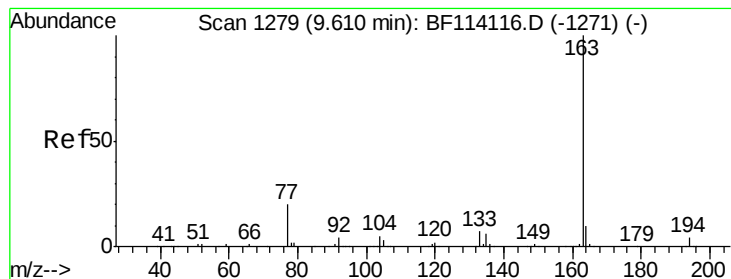


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.229 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BUS

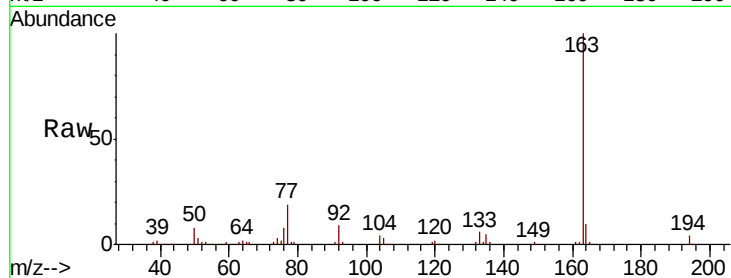
Tot Ion:163 Resp: 133903

Ion Ratio Lower Upper

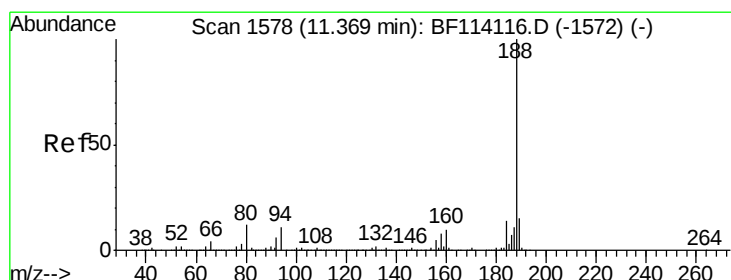
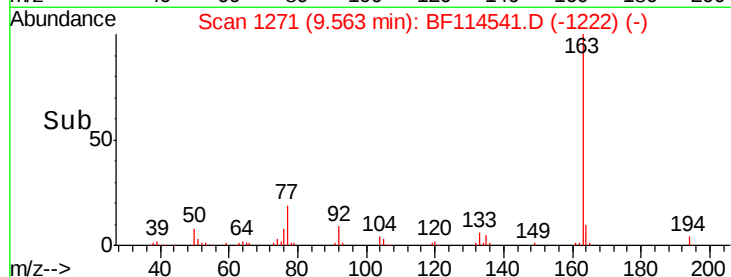
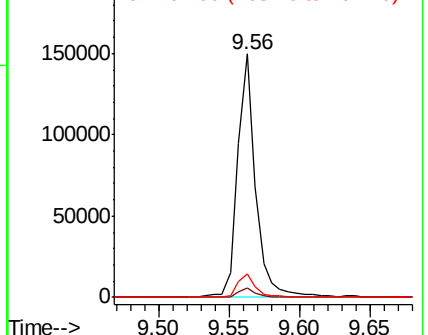
163 100

194 3.7 3.4 5.0

164 9.7 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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

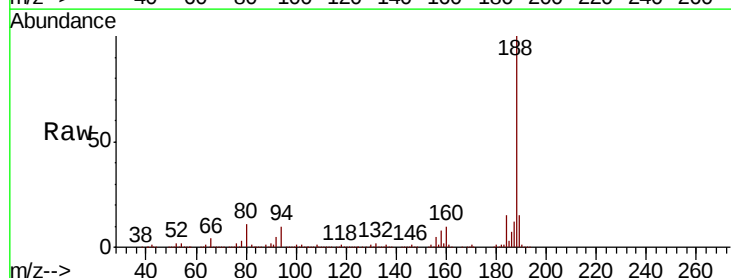
Tgt Ion:188 Resp: 721832

Ion Ratio Lower Upper

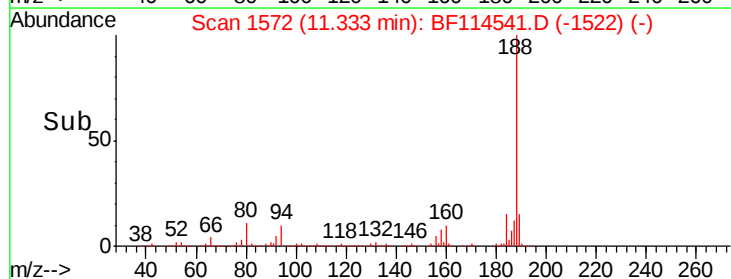
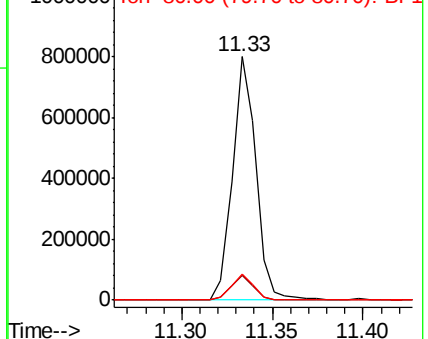
188 100

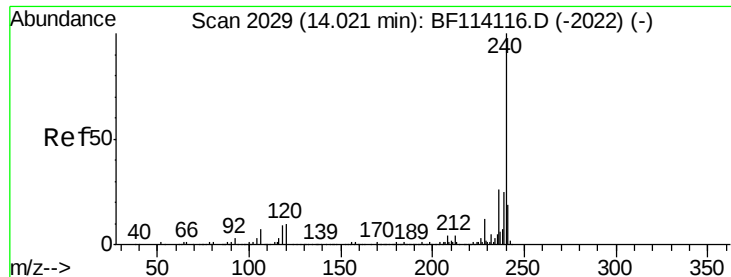
94 10.0 8.4 12.6

80 10.8 9.2 13.8



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BUS

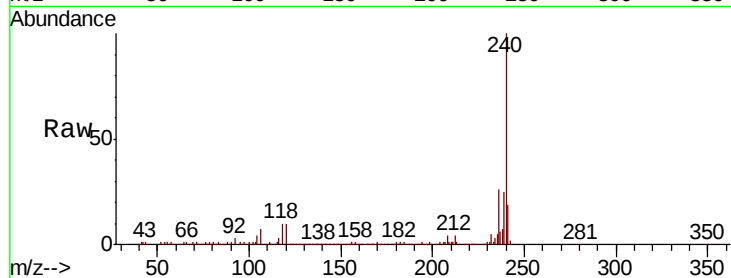
Tot Ion:240 Resp: 566578

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

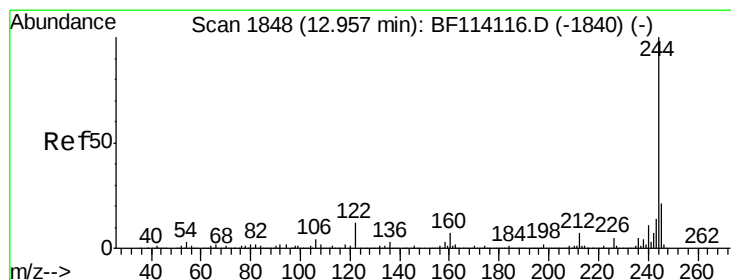
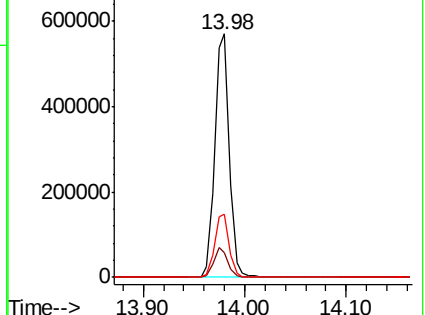
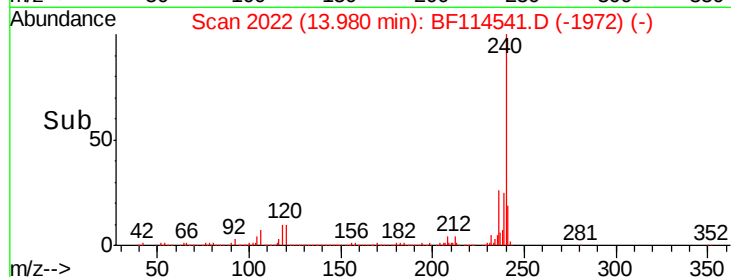
236 25.8 20.8 31.2



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: 45.099 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

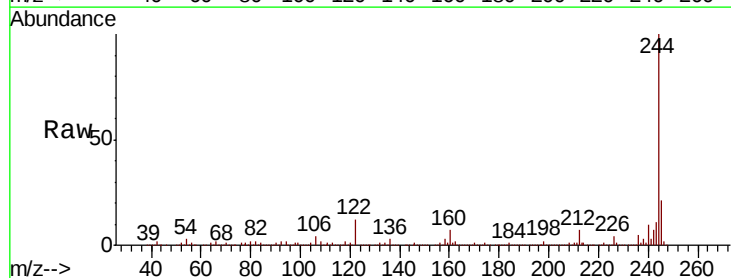
Tgt Ion:244 Resp: 1239540

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

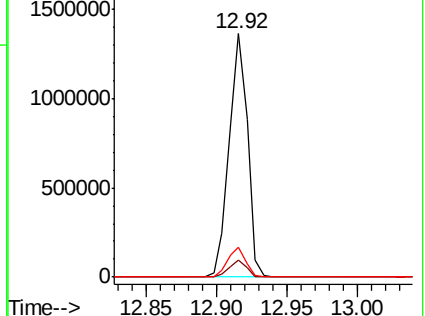
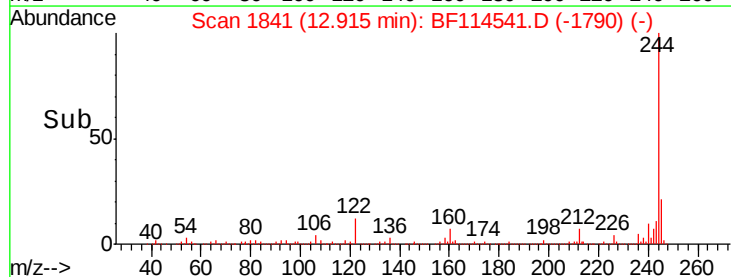
122 12.3 9.4 14.2

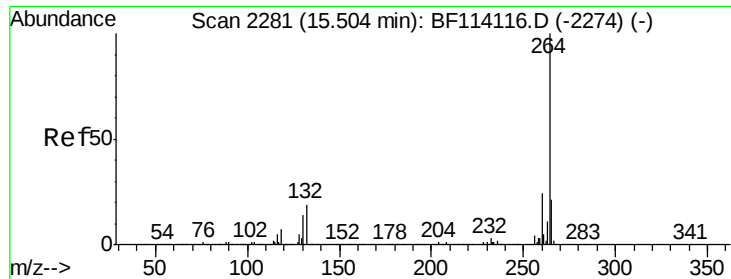


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114541.D
Acq: 23 May 2019 23:21

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BUS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.7	16.9	25.3

