

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114331.D
 Acq On : 17 May 2019 1:56
 Operator : JU/SJ
 Sample : K2867-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-G

Quant Time: May 17 08:41:02 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 10 15:56:46 2019
 Response via : Initial Calibration

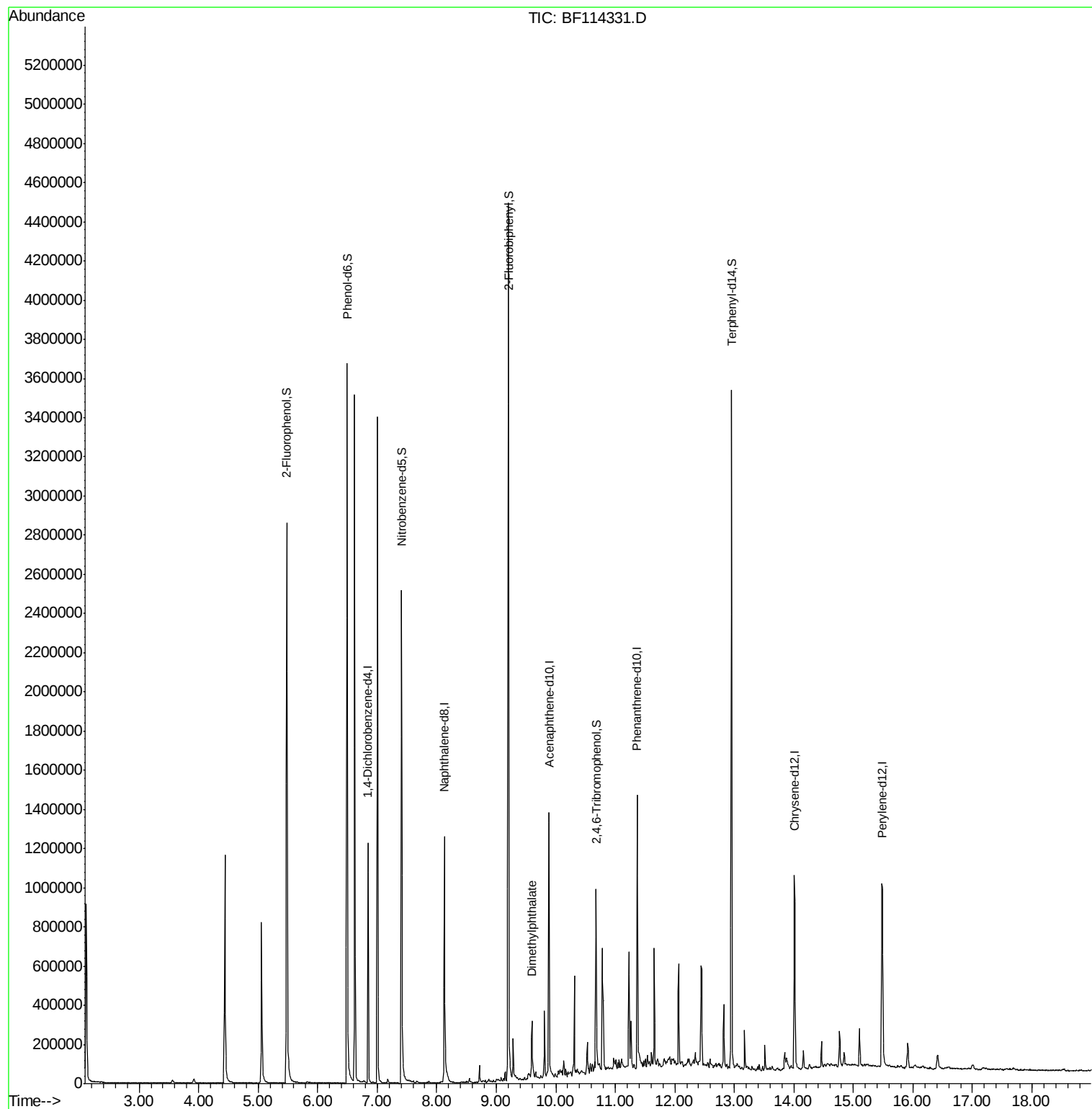
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	180640	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	689515	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	301076	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	540484	20.00	ng	0.00
76) Chrysene-d12	14.01	240	369086	20.00	ng	-0.01
87) Perylene-d12	15.49	264	435677	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	830788	74.01	ng	0.00
7) Phenol-d6	6.49	99	1247023	93.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	814796	66.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	126162	40.53	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1433931	72.04	ng	0.00
79) Terphenyl-d14	12.95	244	1155781	64.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	112806	5.104	ng	Qvalue 99

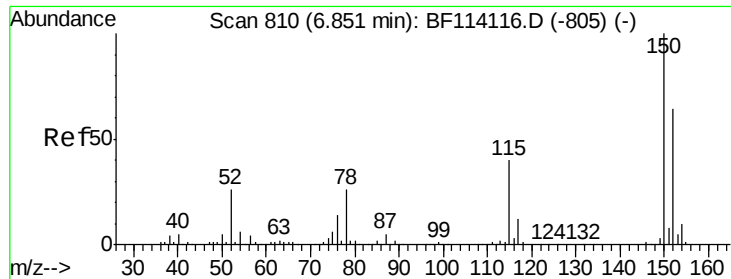
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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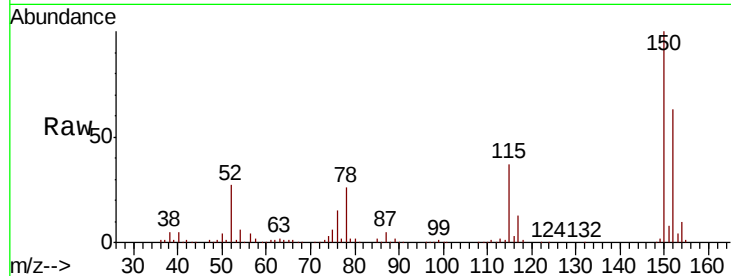


#1

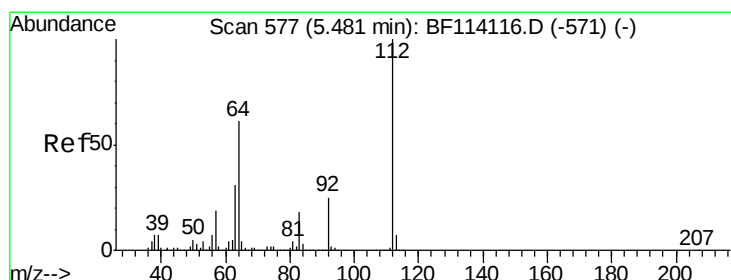
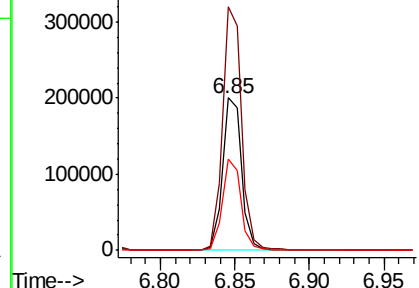
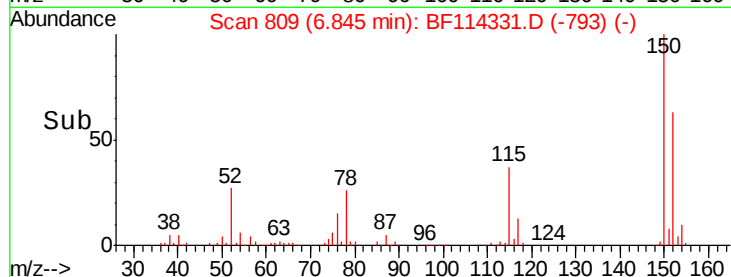
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Instrument :
BNA_F
ClientSampleId :
CONCRETE-G

Tot Ion:152 Resp: 180640
Ion Ratio Lower Upper
152 100
150 159.5 124.3 186.5
115 59.6 49.1 73.7



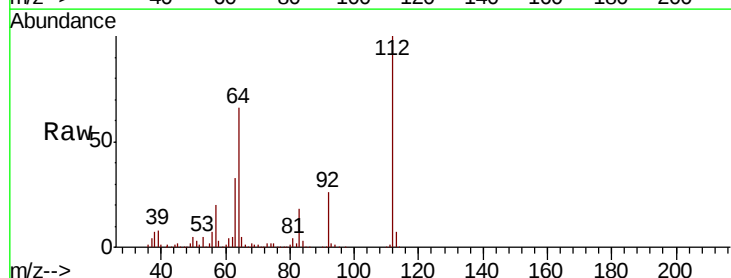
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



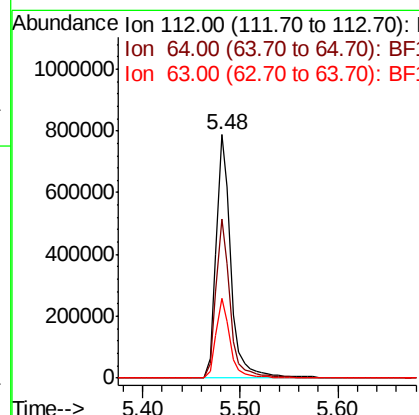
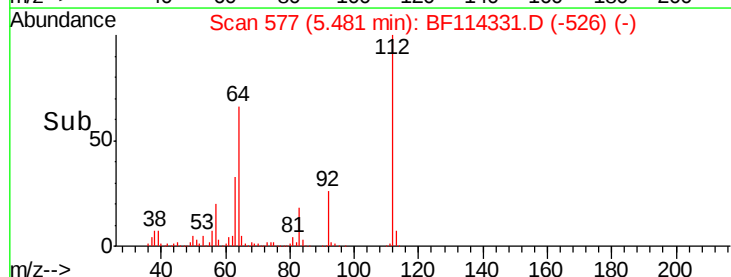
#5

2-Fluorophenol
Concen: 74.012 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Tgt Ion:112 Resp: 830788
Ion Ratio Lower Upper
112 100
64 65.5 49.0 73.6
63 32.6 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: 93.929 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-G

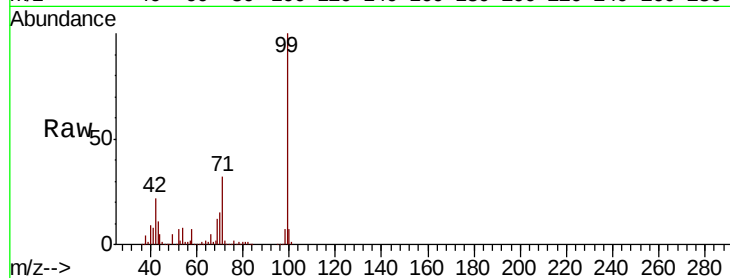
Tot Ion: 99 Resp: 1247023

Ion Ratio Lower Upper

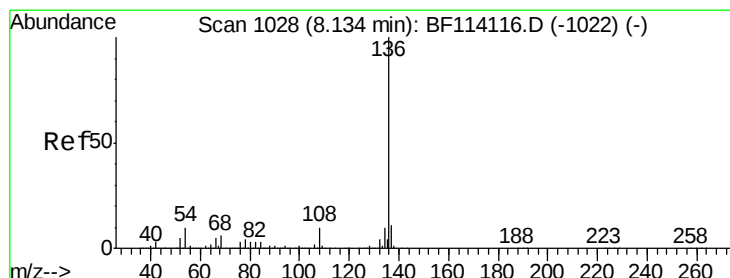
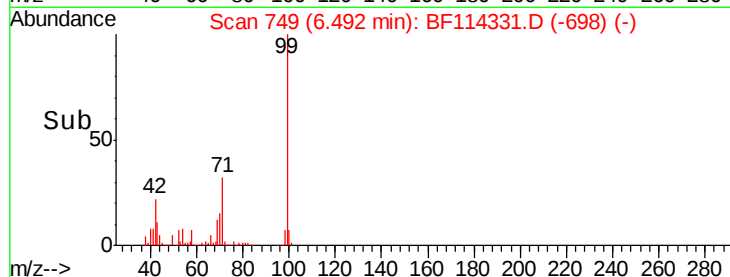
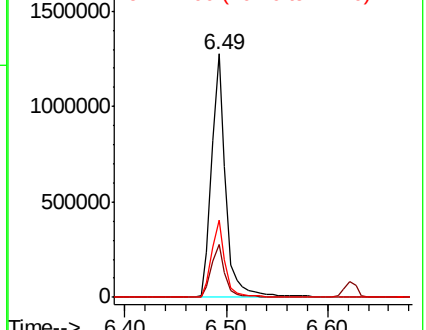
99 100

42 21.7 17.9 26.9

71 31.9 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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

Tgt Ion: 136 Resp: 689515

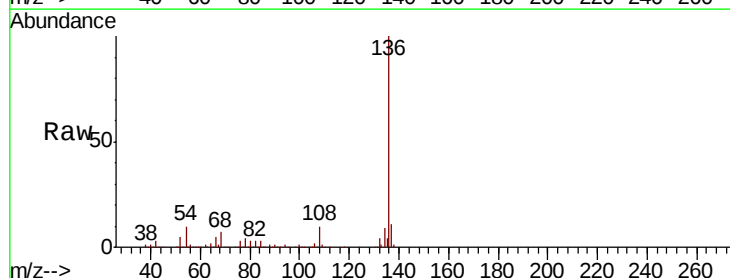
Ion Ratio Lower Upper

136 100

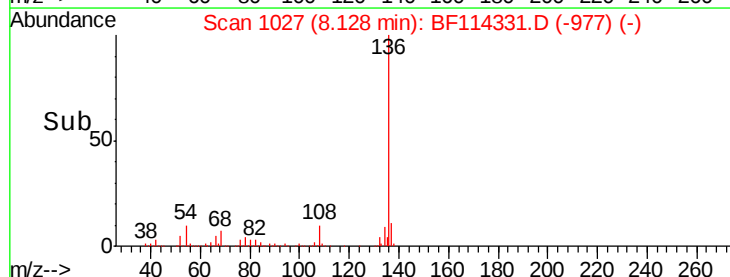
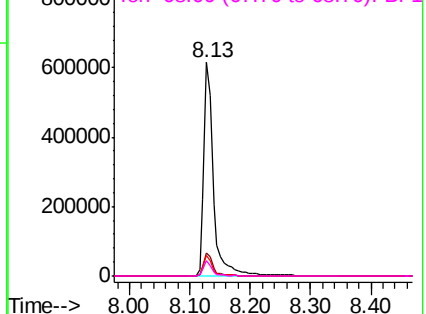
137 10.5 8.8 13.2

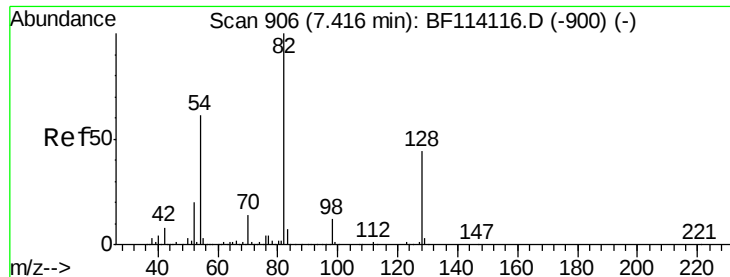
54 9.9 7.8 11.8

68 7.0 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

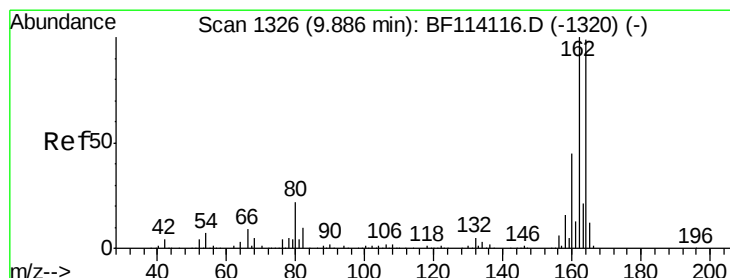
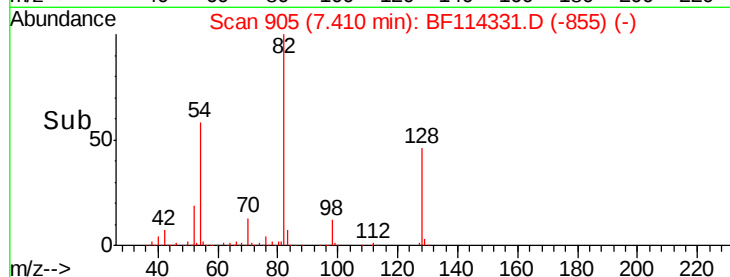
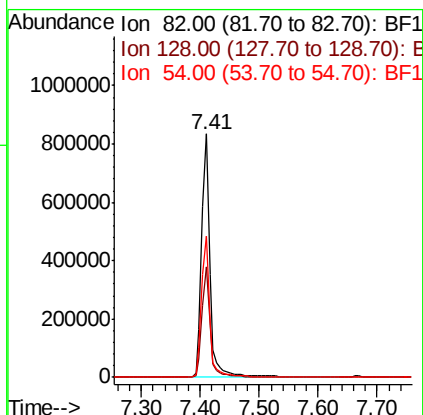
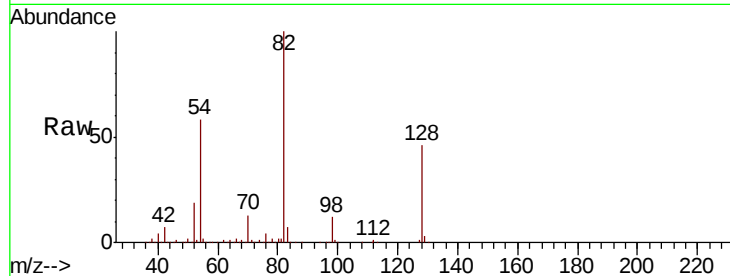




#23
Nitrobenzene-d5
Concen: 66.317 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

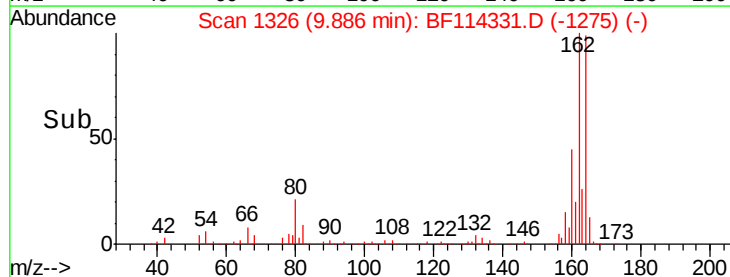
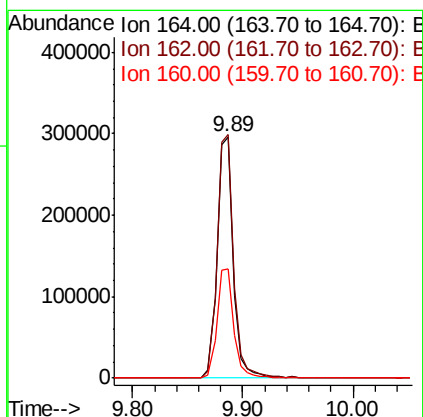
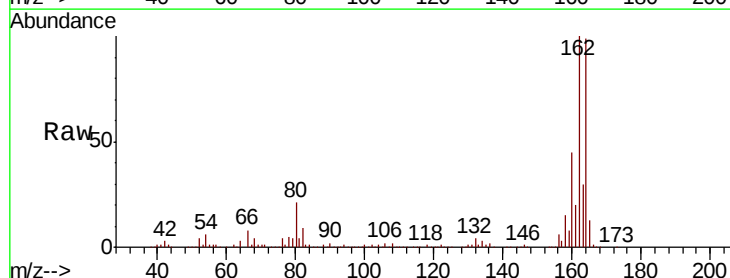
Instrument :
BNA_F
ClientSampleId :
CONCRETE-G

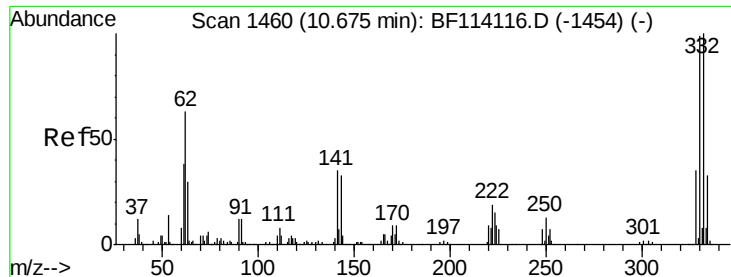
Tot Ion: 82 Resp: 814796
Ion Ratio Lower Upper
82 100
128 45.6 35.5 53.3
54 57.9 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Tgt Ion:164 Resp: 301076
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.2 36.5 54.7

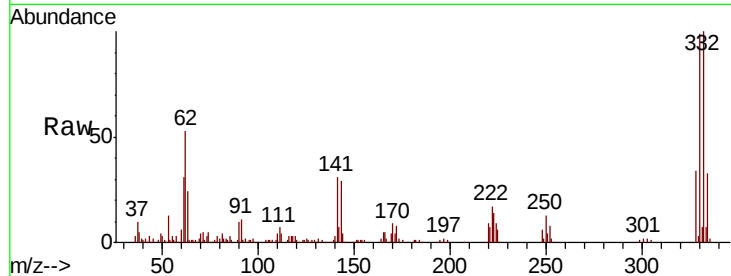




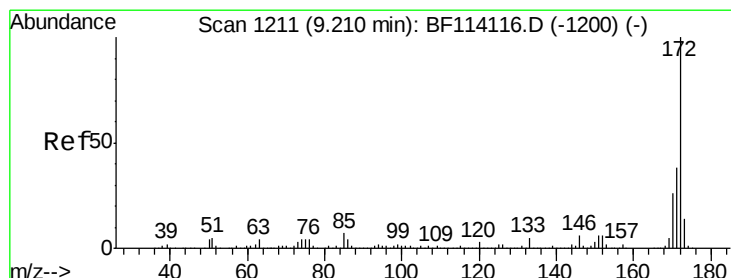
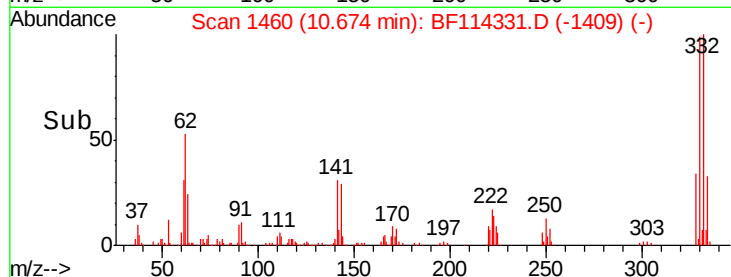
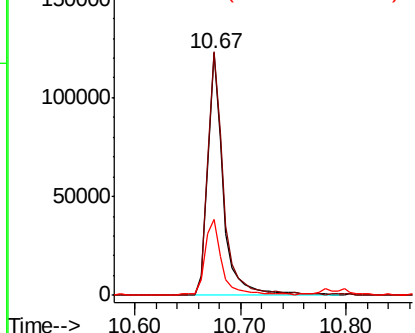
#42
 2,4,6-Tribromophenol
 Concen: 40.532 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114331.D
 Acq: 17 May 2019 1:56

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-G

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.7	81.4	122.2
141	33.2	26.6	40.0

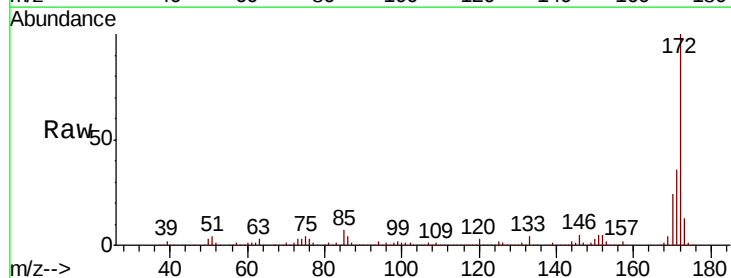


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

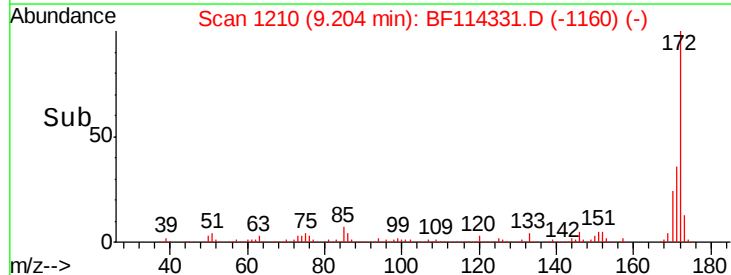
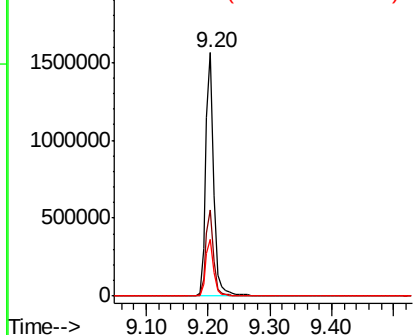


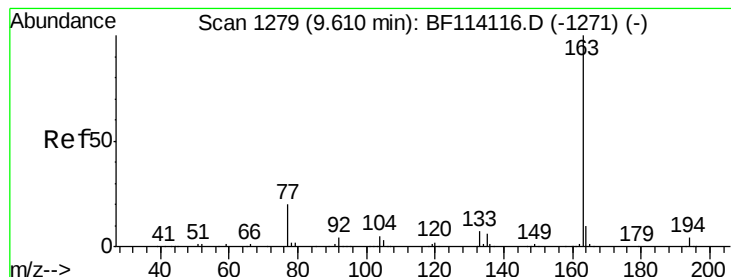
#45
 2-Fluorobiphenyl
 Concen: 72.044 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114331.D
 Acq: 17 May 2019 1:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.7	46.1
170	23.5	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: 5.104 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-G

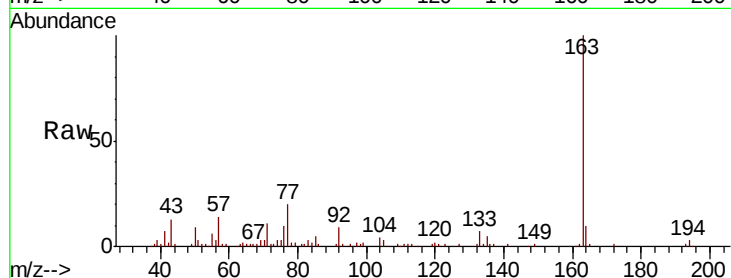
Tot Ion:163 Resp: 112806

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.0

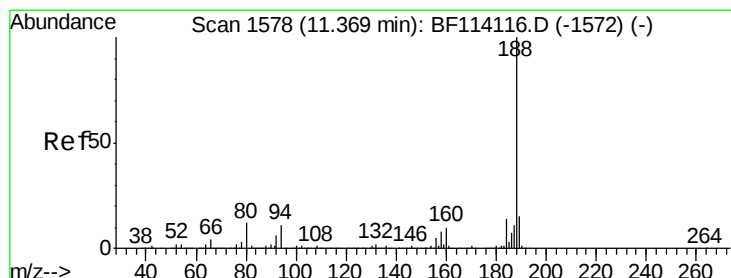
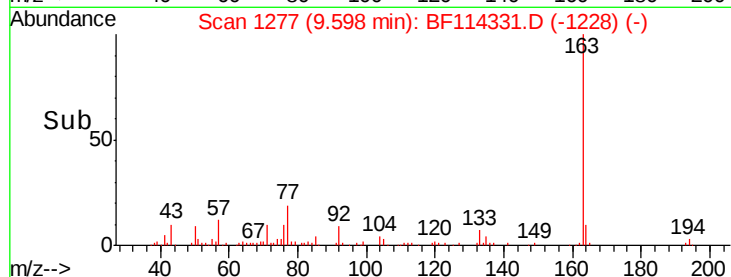
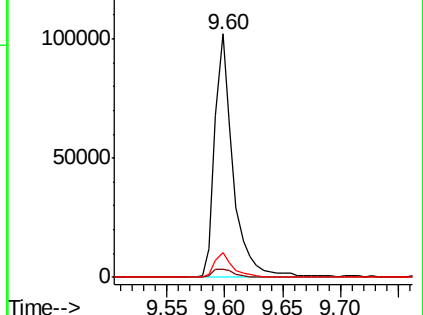
164 10.0 8.2 12.2



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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

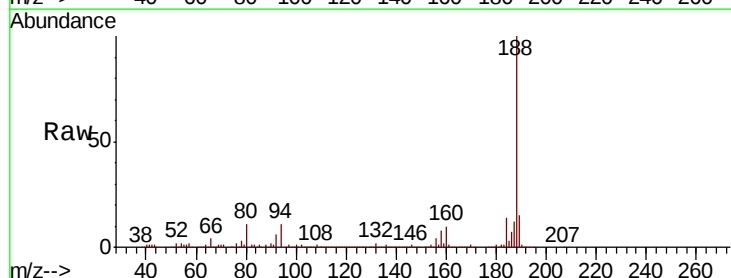
Tgt Ion:188 Resp: 540484

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

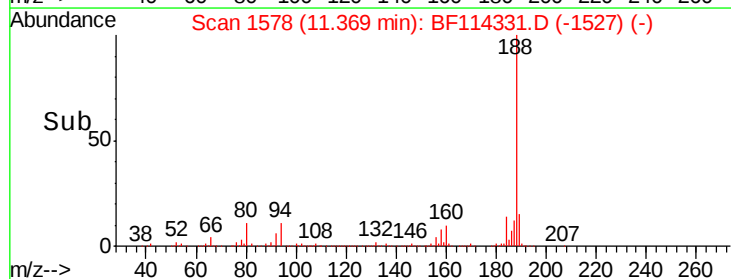
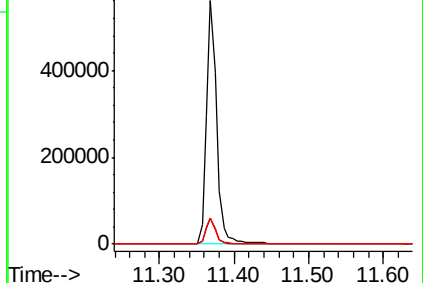
80 11.0 9.2 13.8

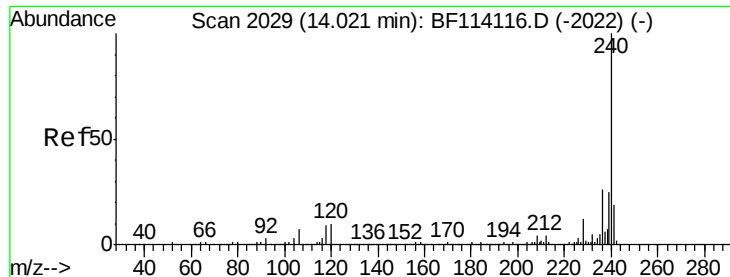


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

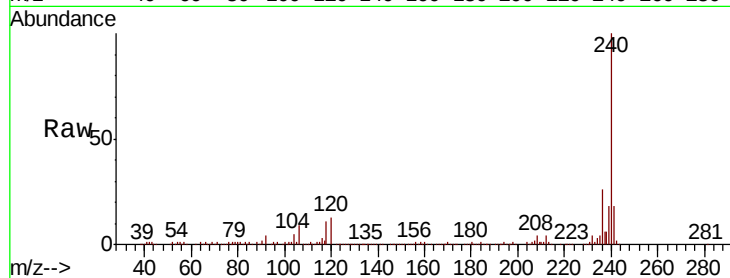




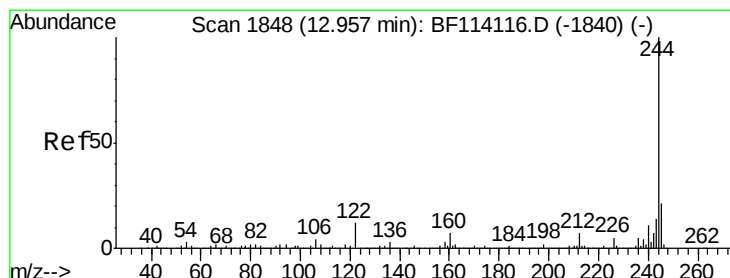
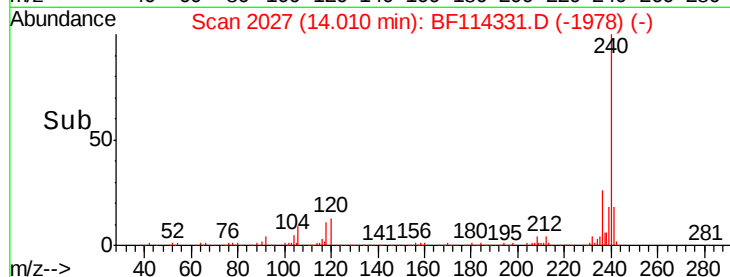
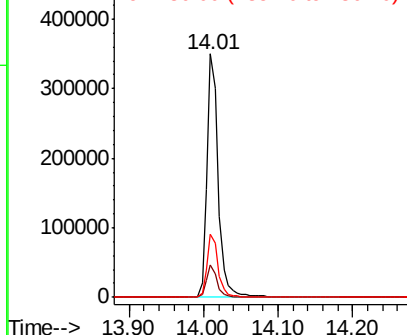
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Instrument :
BNA_F
ClientSampleId :
CONCRETE-G

Tot Ion:240 Resp: 369086
Ion Ratio Lower Upper
240 100
120 13.3 8.3 12.5#
236 25.8 20.8 31.2

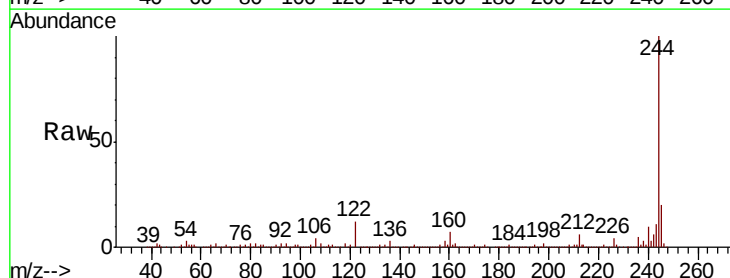


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

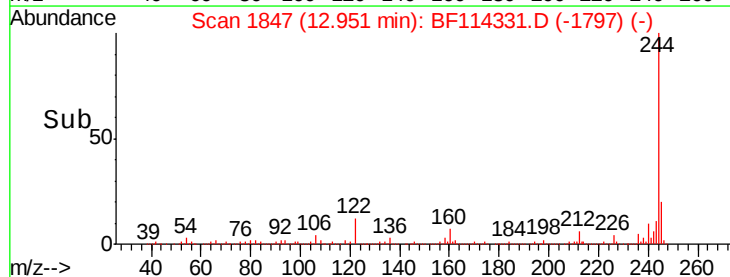
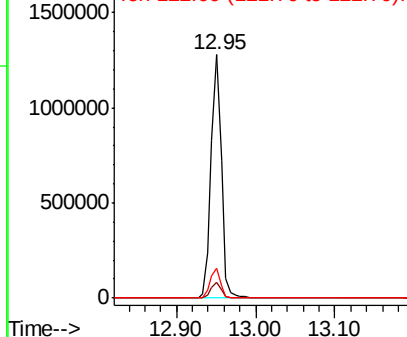


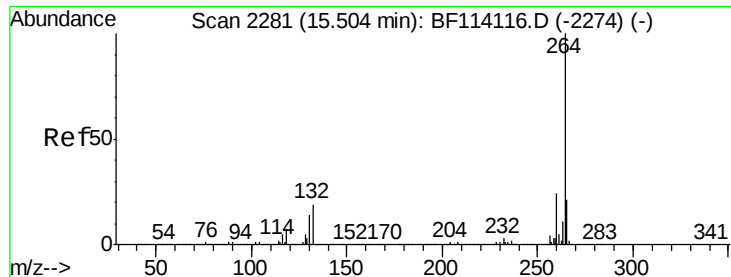
#79
Terphenyl-d14
Concen: 64.553 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Tgt Ion:244 Resp: 1155781
Ion Ratio Lower Upper
244 100
212 6.5 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: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Instrument :
BNA_F
ClientSampleId :
CONCRETE-G

Tot Ion:	264	Resp:	435677
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.7	16.9	25.3

