

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114334.D
 Acq On : 17 May 2019 3:15
 Operator : JU/SJ
 Sample : K2867-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-J

Quant Time: May 17 08:36:13 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

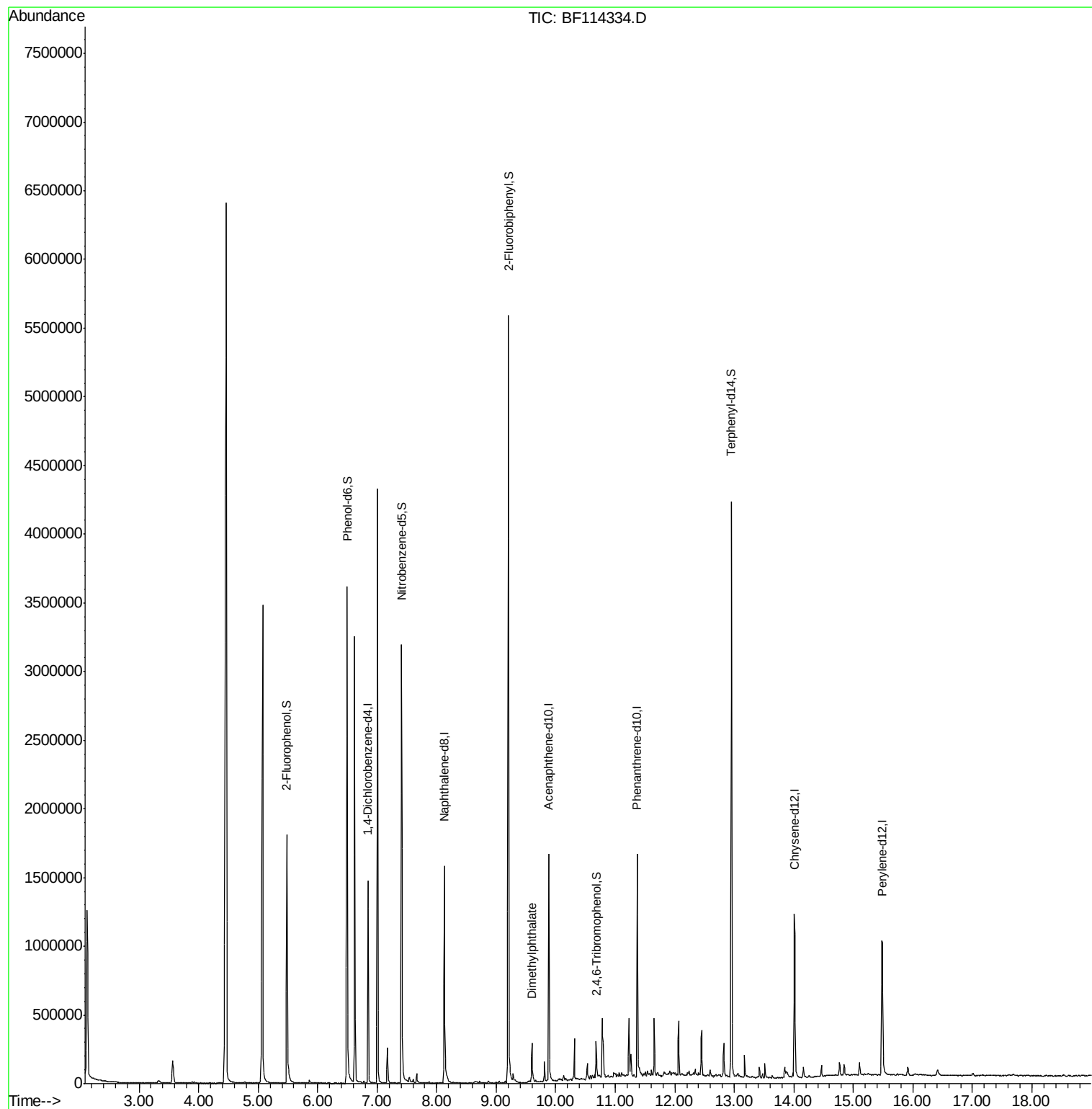
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	219733	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	820861	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	355600	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	622277	20.00	ng	0.00
76) Chrysene-d12	14.01	240	440389	20.00	ng	-0.01
87) Perylene-d12	15.49	264	513463	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	559142	40.95	ng	0.00
7) Phenol-d6	6.49	99	1277133	79.08	ng	0.00
23) Nitrobenzene-d5	7.41	82	1037056	70.90	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	39730	10.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1780871	75.76	ng	0.00
79) Terphenyl-d14	12.95	244	1438155	67.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	133721	5.123	ng	Qvalue 100

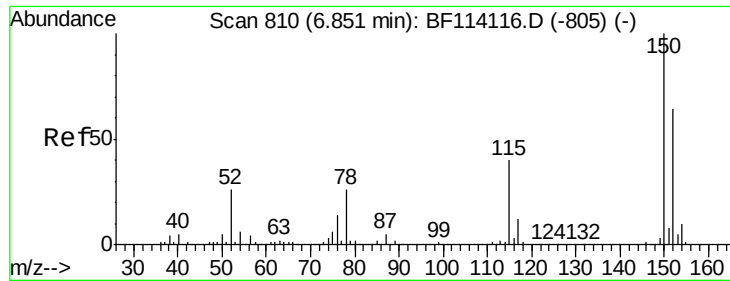
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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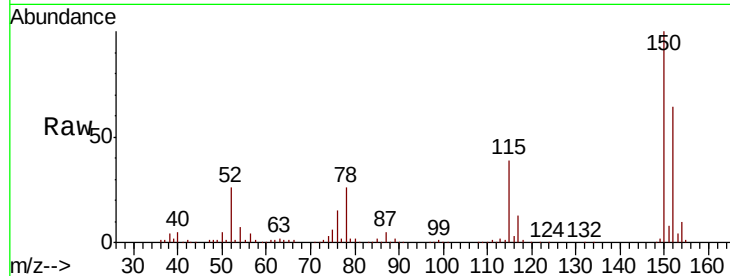


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Instrument :
BNA_F
ClientSampleId :
CONCRETE-J

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	61.9	49.1	73.7

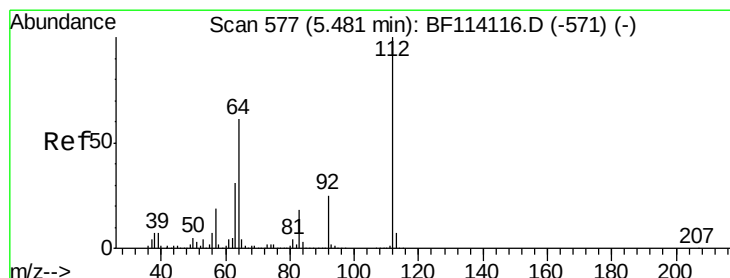
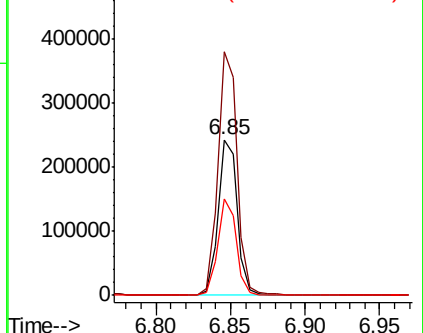
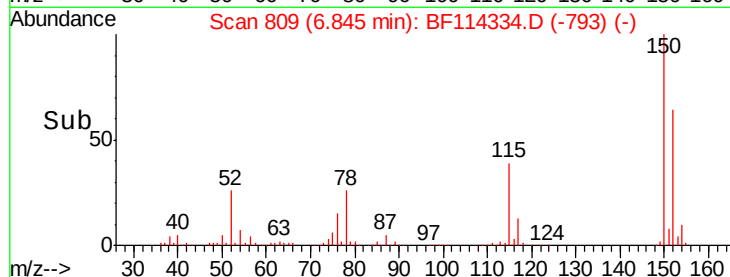


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

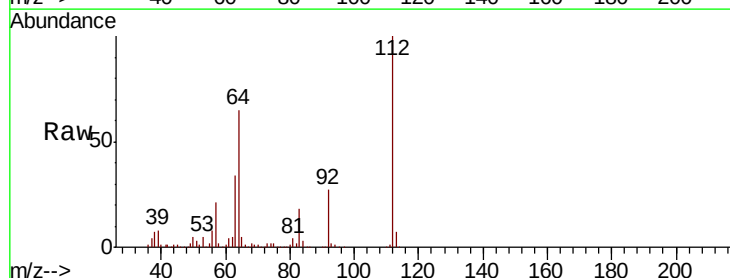
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.950 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	49.0	73.6
63	33.6	24.6	37.0

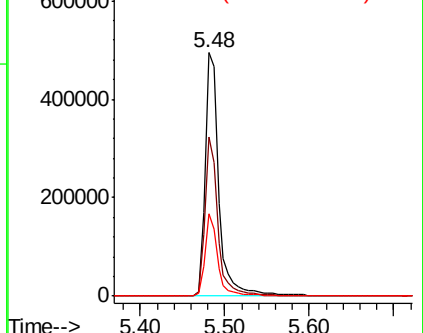
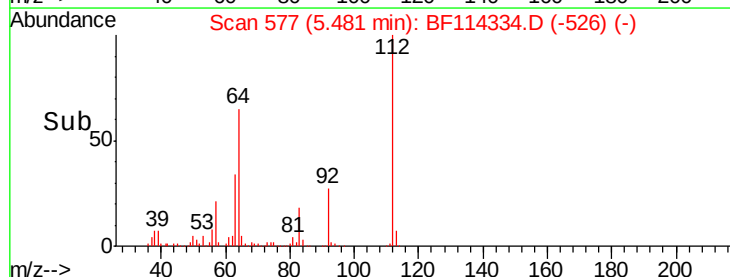


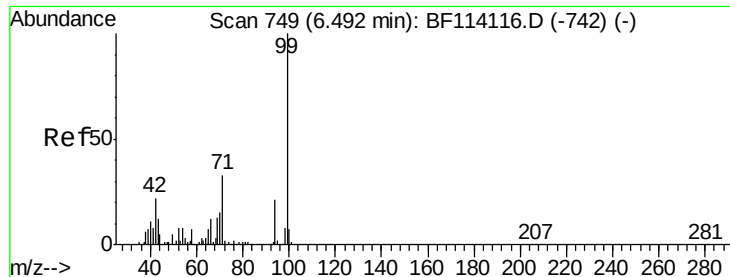
Abundance

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: 79.083 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

Instrument :

BNA_F

ClientSampleId :

CONCRETE-J

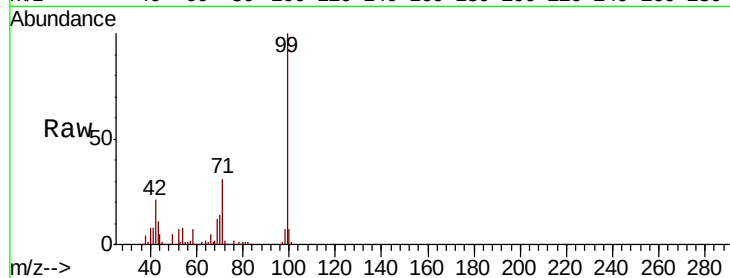
Tot Ion: 99 Resp: 1277133

Ion Ratio Lower Upper

99 100

42 21.2 17.9 26.9

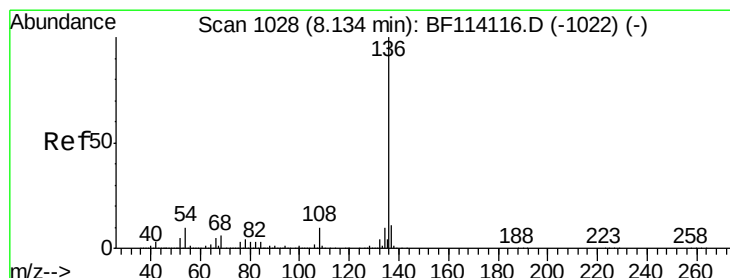
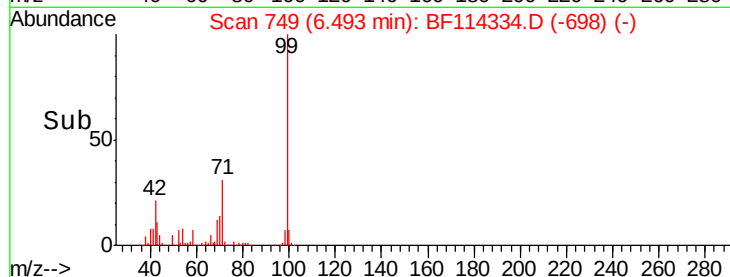
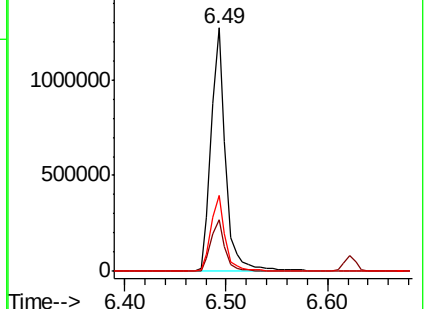
71 31.1 26.2 39.2



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: BF114334.D

Acq: 17 May 2019 3:15

Tgt Ion: 136 Resp: 820861

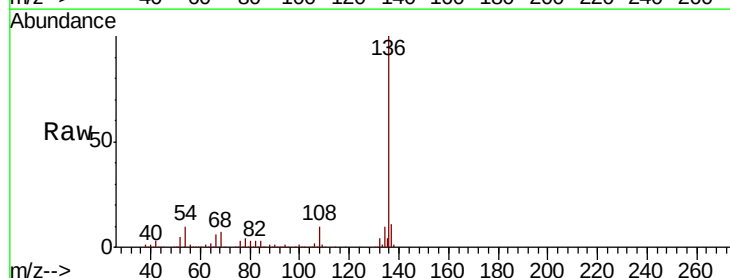
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.2 7.8 11.8

68 6.9 5.1 7.7

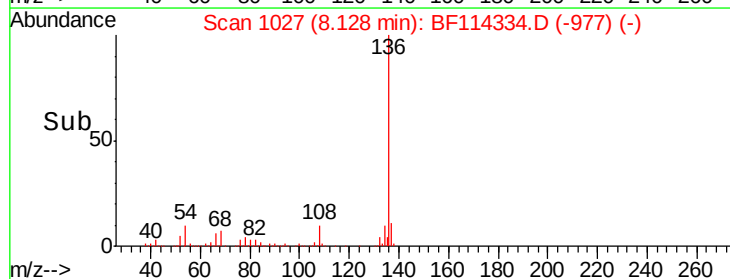
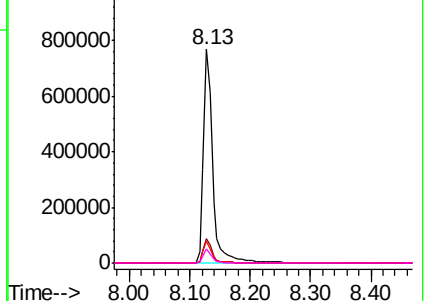


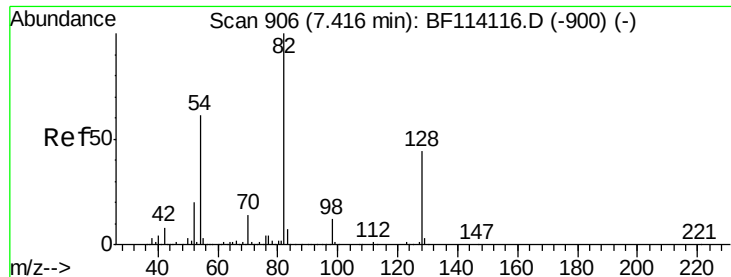
Abundance Ion 136.00 (135.70 to 136.70): E

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

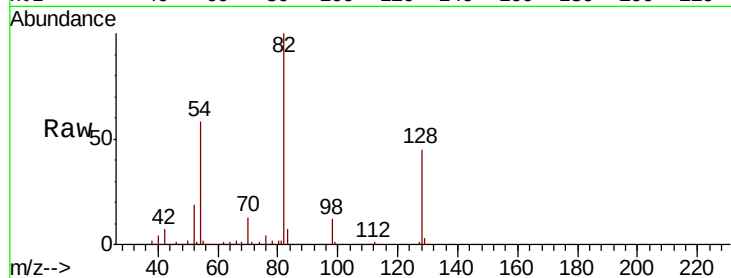




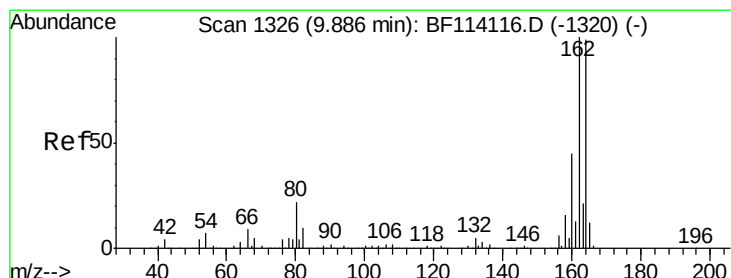
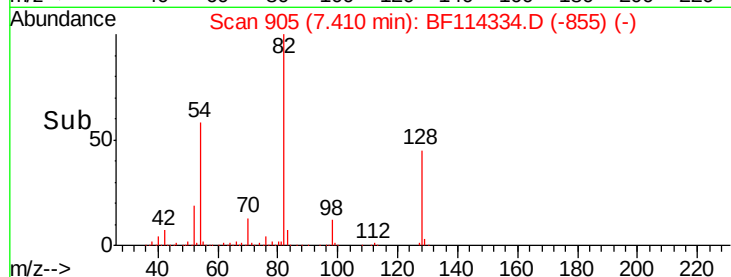
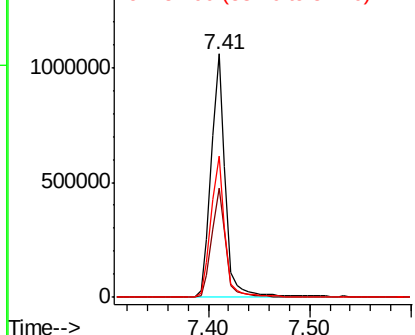
#23
Nitrobenzene-d5
Concen: 70.901 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Instrument :
BNA_F
ClientSampleId :
CONCRETE-J

Tot Ion: 82 Resp: 1037056
Ion Ratio Lower Upper
82 100
128 44.9 35.5 53.3
54 58.1 48.5 72.7

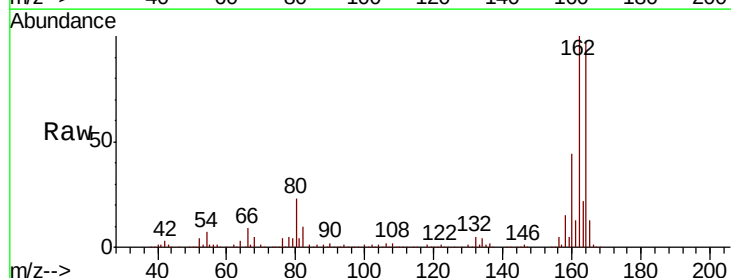


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

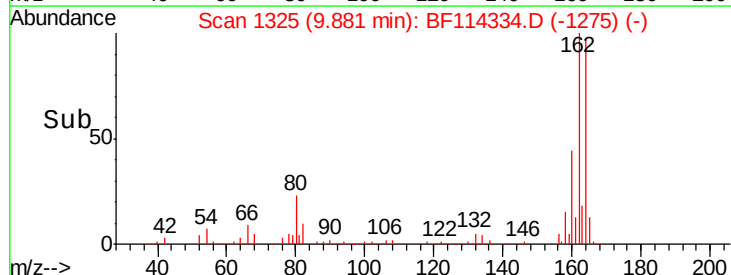
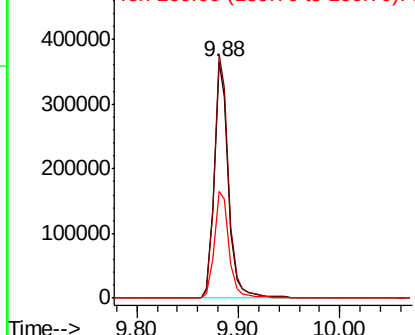


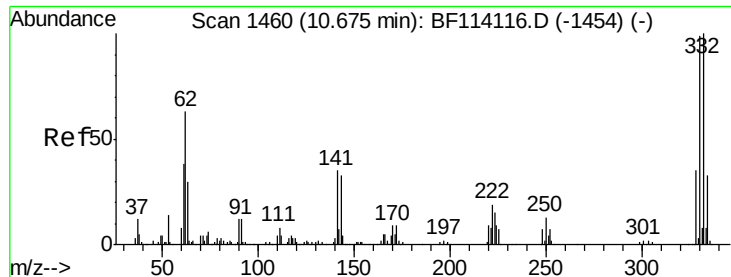
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Tgt Ion:164 Resp: 355600
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 45.2 36.5 54.7



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: 10.807 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

Instrument :

BNA_F

ClientSampleId :

CONCRETE-J

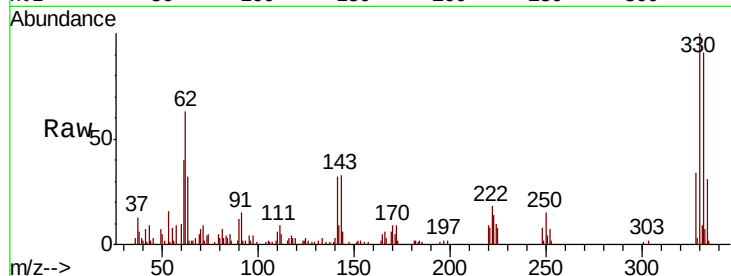
Tot Ion:330 Resp: 39730

Ion Ratio Lower Upper

330 100

332 103.2 81.4 122.2

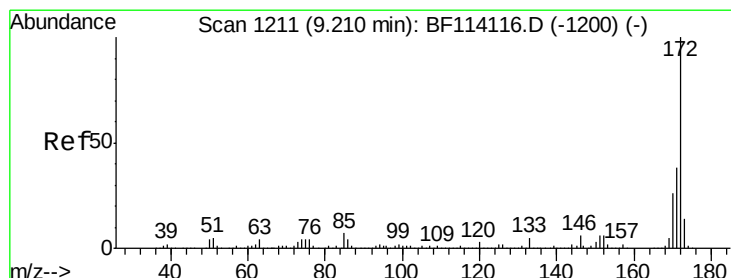
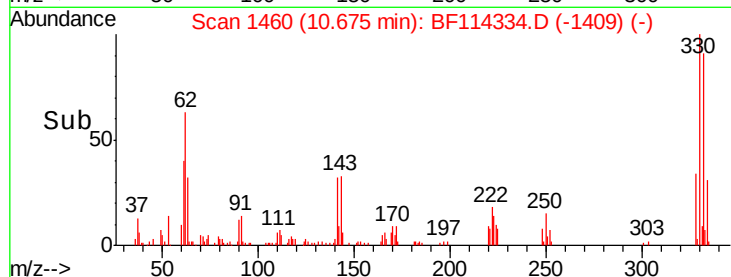
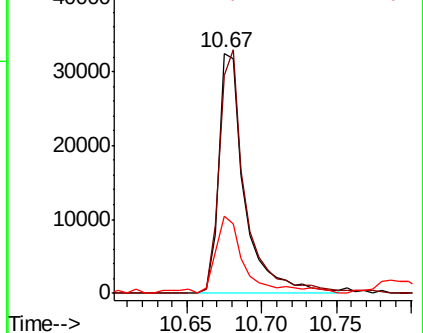
141 35.9 26.6 40.0



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: 75.755 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

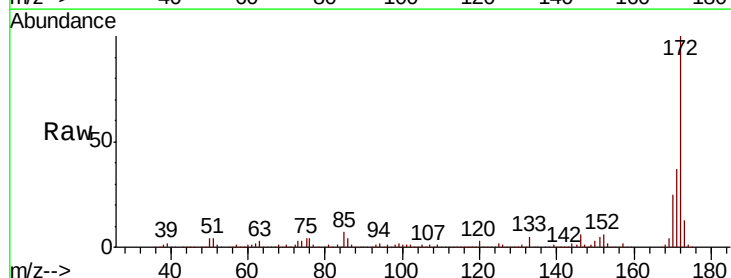
Tgt Ion:172 Resp: 1780871

Ion Ratio Lower Upper

172 100

171 36.6 30.7 46.1

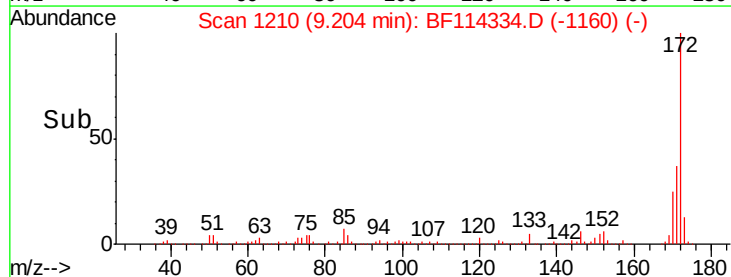
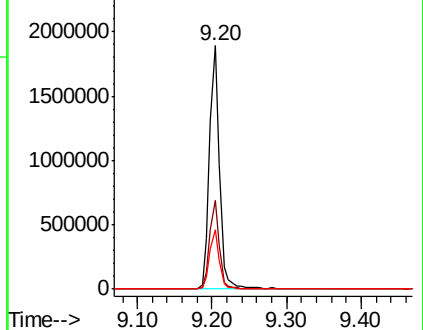
170 24.5 20.5 30.7

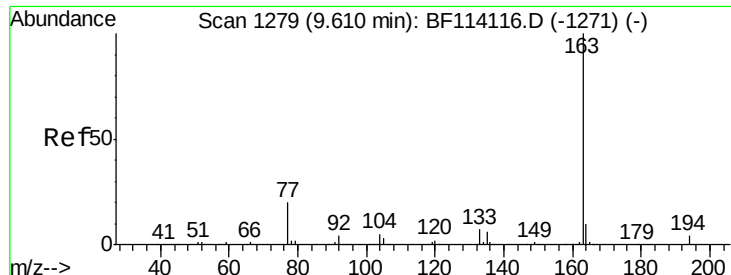


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

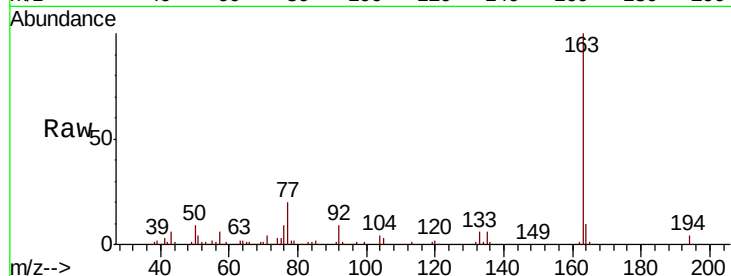




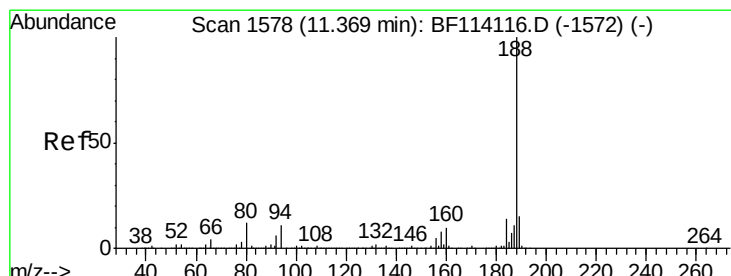
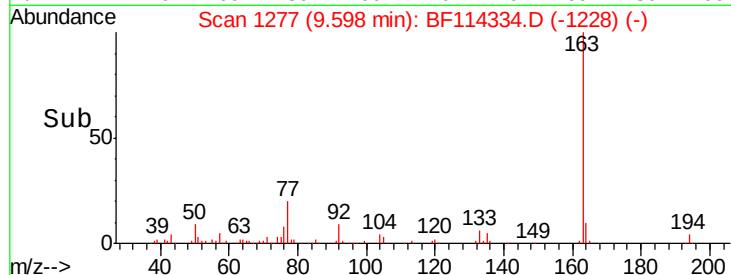
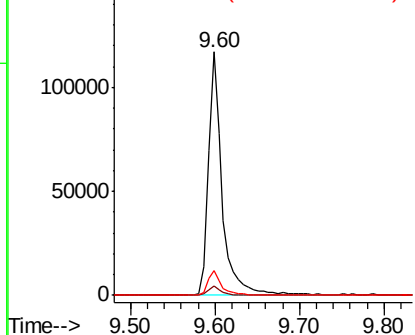
#50
Dimethylphthalate
Concen: 5.123 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Instrument :
BNA_F
ClientSampleId :
CONCRETE-J

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.1	8.2	12.2

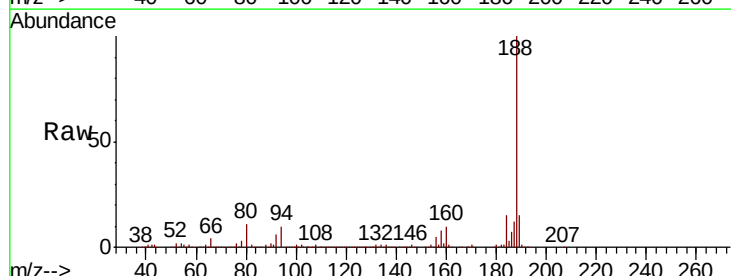


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

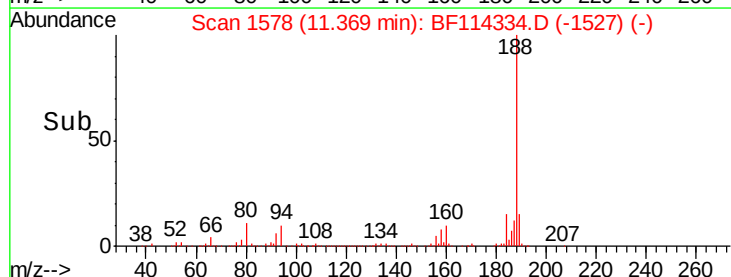
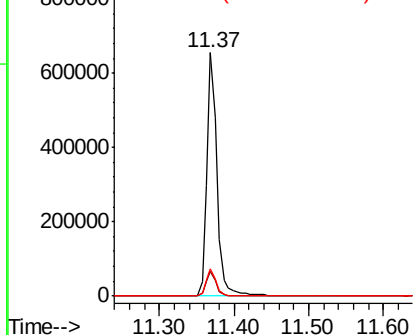


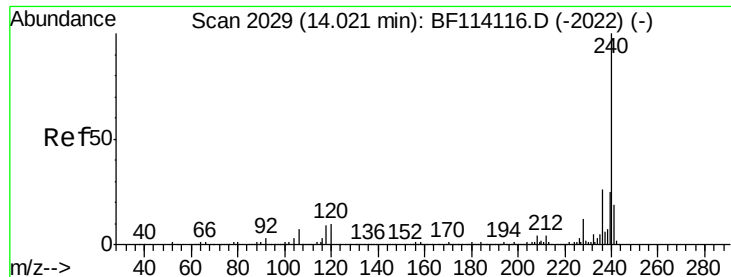
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	11.4	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

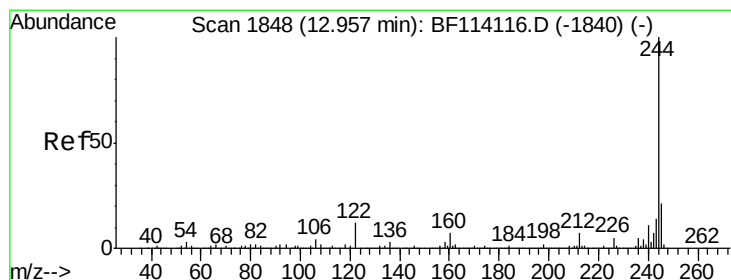
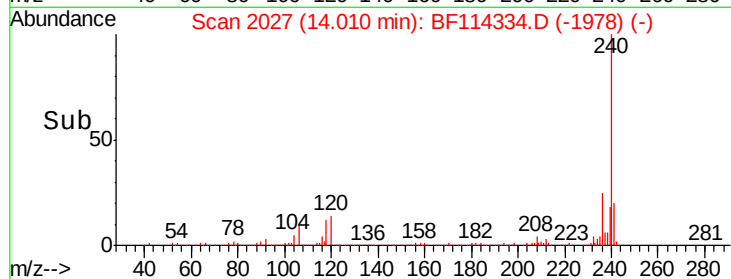
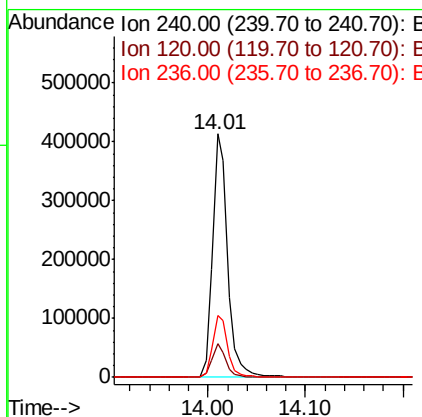
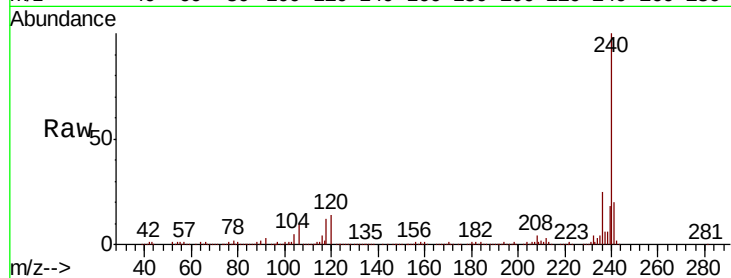




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

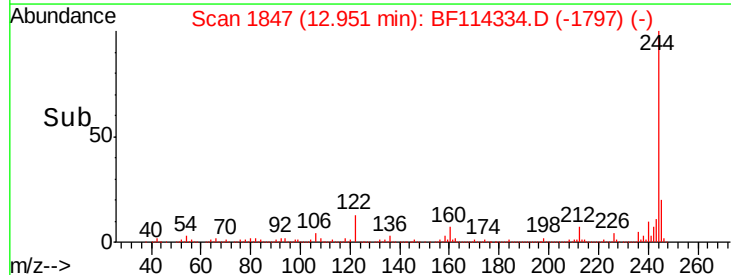
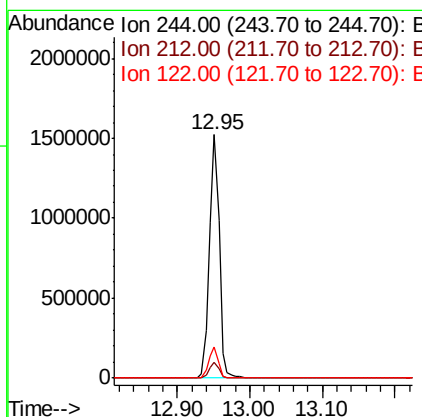
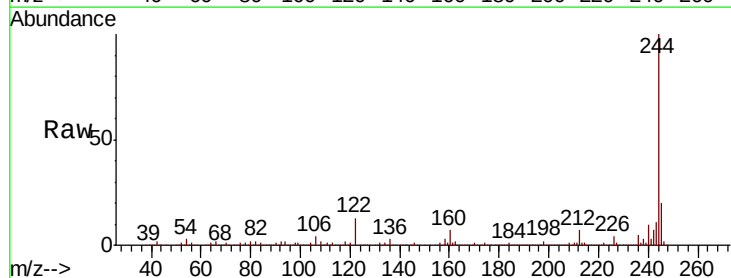
Instrument :
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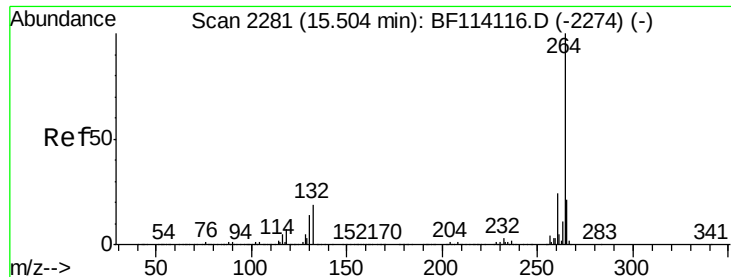
Tot Ion:240 Resp: 440389
Ion Ratio Lower Upper
240 100
120 13.9 8.3 12.5#
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 67.319 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Tgt Ion:244 Resp: 1438155
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 12.6 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Instrument :
BNA_F
ClientSampleId :
CONCRETE-J

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.9	16.9	25.3

