

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114516.D
 Acq On : 23 May 2019 6:30
 Operator : JU/SJ
 Sample : K2978-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP

Quant Time: May 23 07:25:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

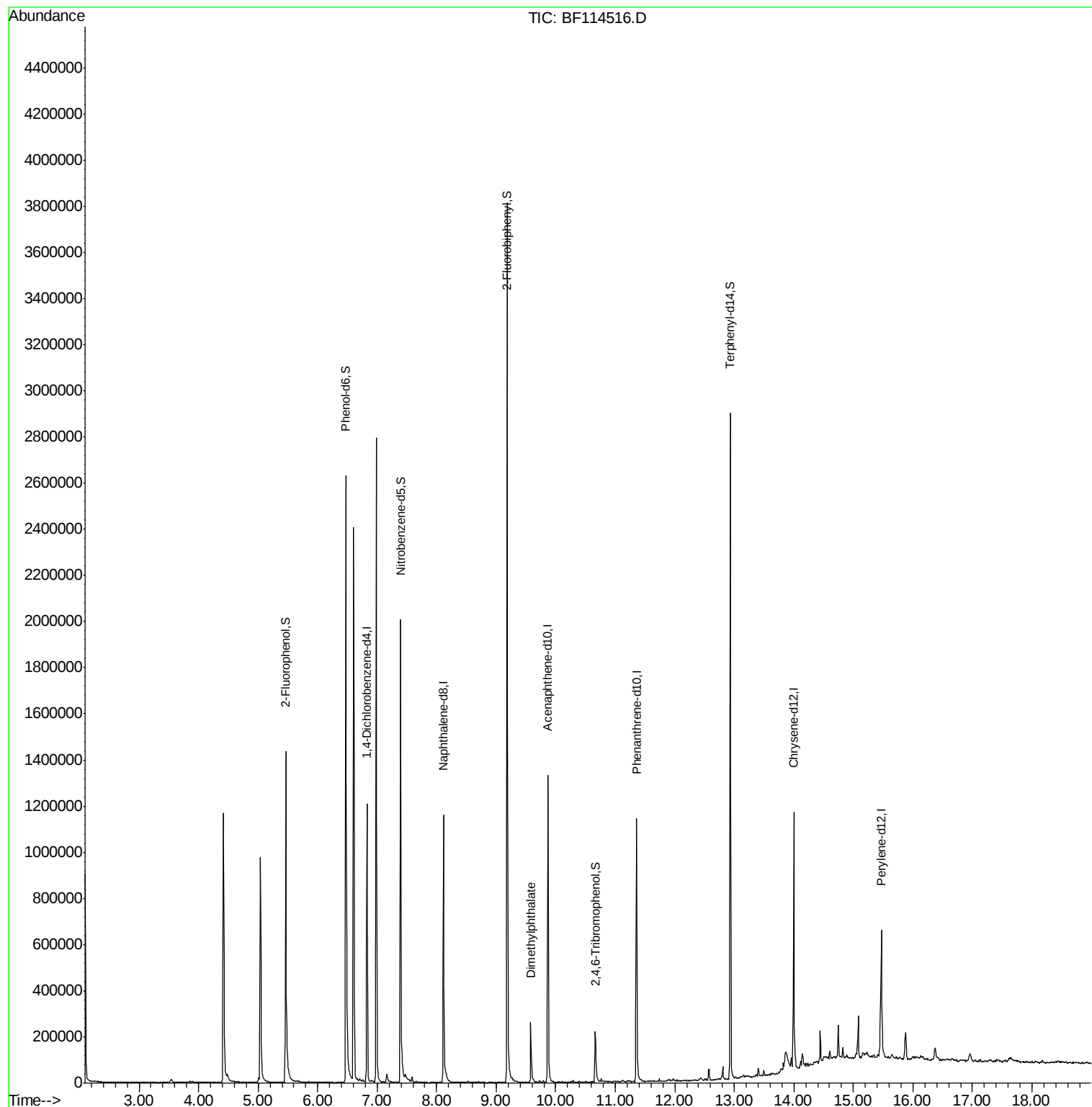
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	172666	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	665530	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	293646	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	494784	20.00	ng	0.00
76) Chrysene-d12	14.00	240	369890	20.00	ng	0.00
87) Perylene-d12	15.47	264	275200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	489625	45.63	ng	0.00
7) Phenol-d6	6.47	99	1026270	80.87	ng	-0.01
23) Nitrobenzene-d5	7.39	82	676726	57.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	38237	12.60	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1220425	62.87	ng	0.00
79) Terphenyl-d14	12.93	244	967662	53.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	146378	6.790	ng	Qvalue 100

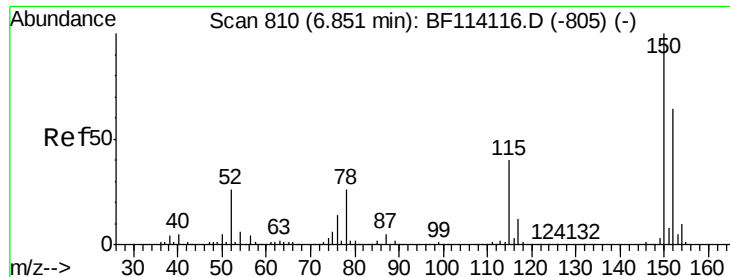
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.83 min Scan# 806

Delta R.T. -0.01 min

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BNA_F

ClientSampleId :

CONCRETE-COMP

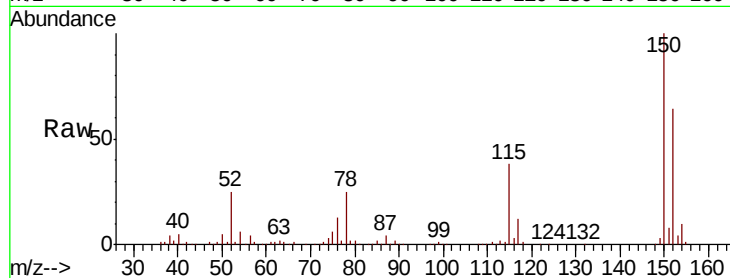
Tot Ion:152 Resp: 172666

Ion Ratio Lower Upper

152 100

150 156.1 124.3 186.5

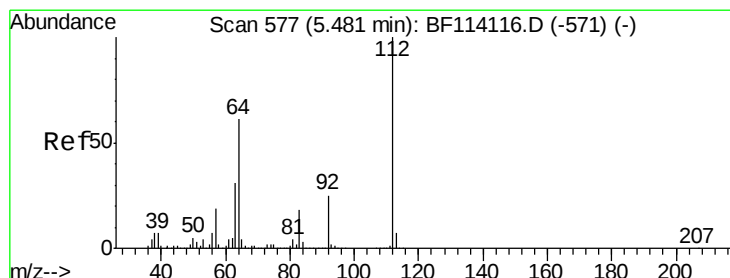
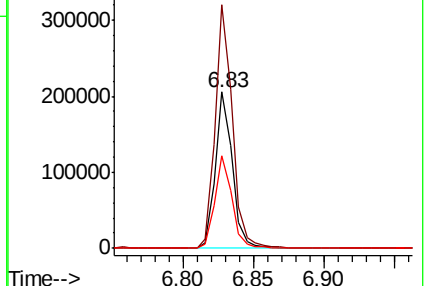
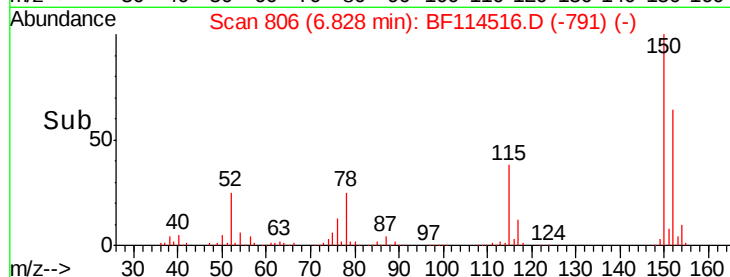
115 59.3 49.1 73.7



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: 45.633 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114516.D

Acq: 23 May 2019 6:30

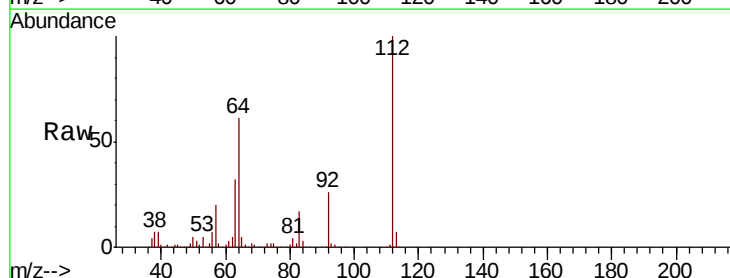
Tgt Ion:112 Resp: 489625

Ion Ratio Lower Upper

112 100

64 61.4 49.0 73.6

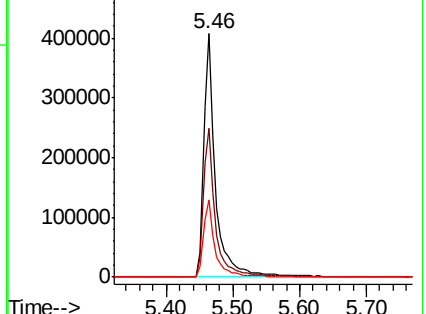
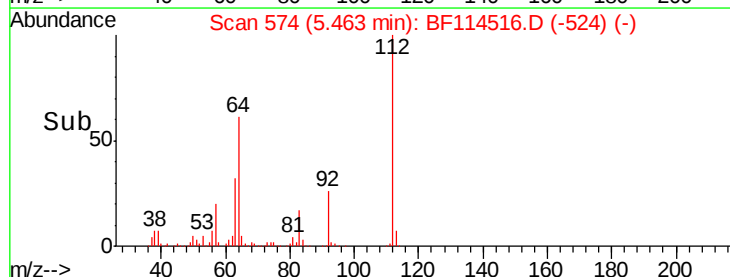
63 31.6 24.6 37.0



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: 80.871 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114516.D

Acq: 23 May 2019 6:30

Instrument :

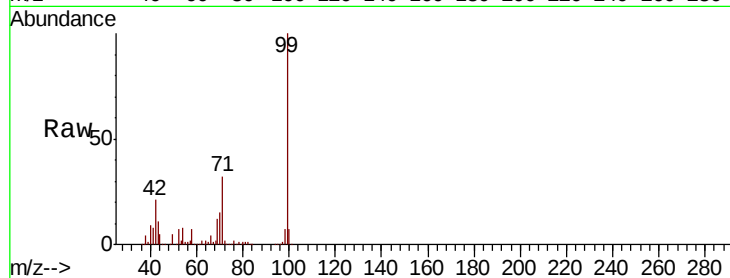
BNA_F

ClientSampleId :

CONCRETE-COMP

Tot Ion: 99 Resp: 1026270

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.9	26.9
71	32.1	26.2	39.2

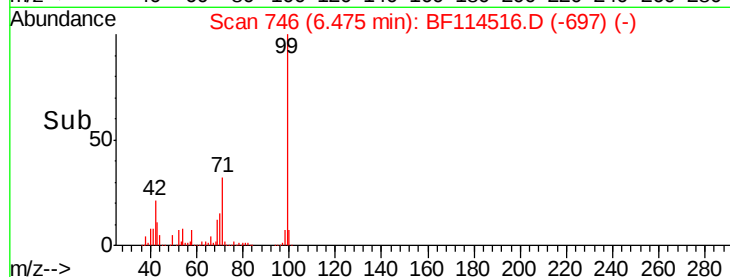
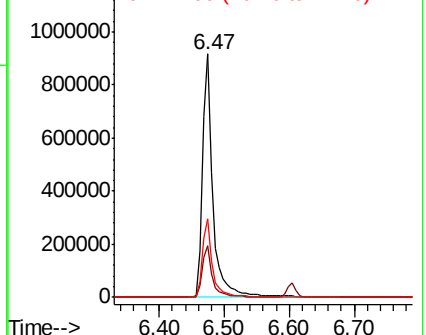


Abundance

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: 8.11 min Scan# 1024

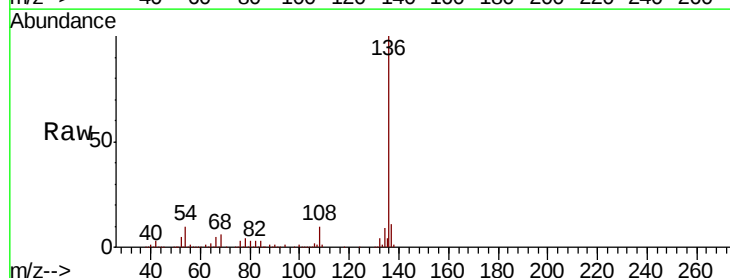
Delta R.T. -0.01 min

Lab File: BF114516.D

Acq: 23 May 2019 6:30

Tgt Ion: 136 Resp: 665530

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.8	7.8	11.8
68	6.3	5.1	7.7



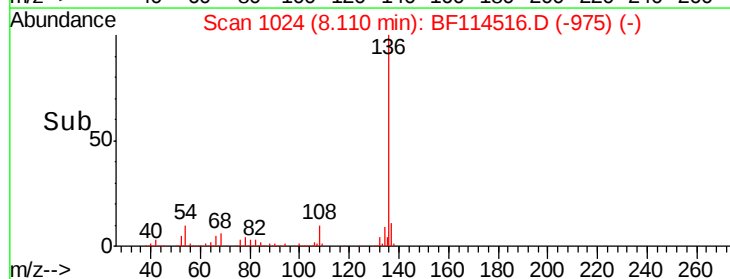
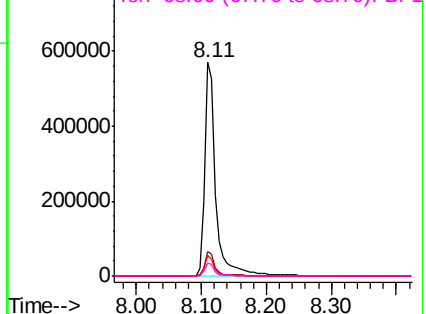
Abundance

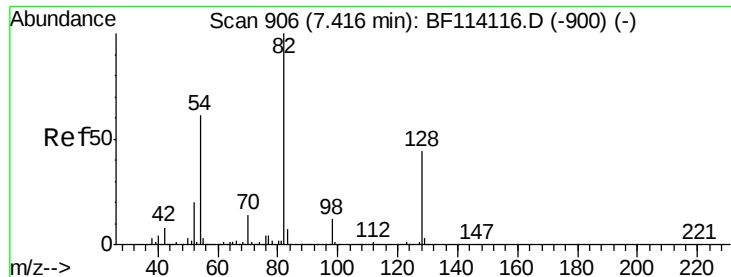
Ion 136.00 (135.70 to 136.70): E

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

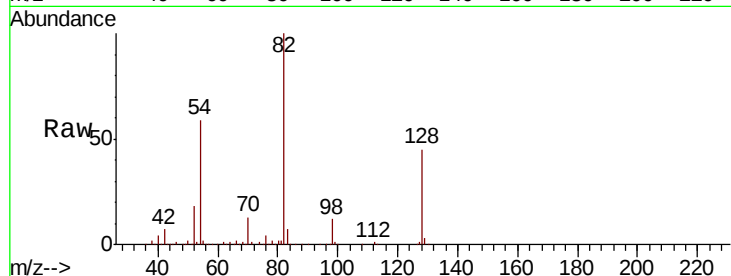




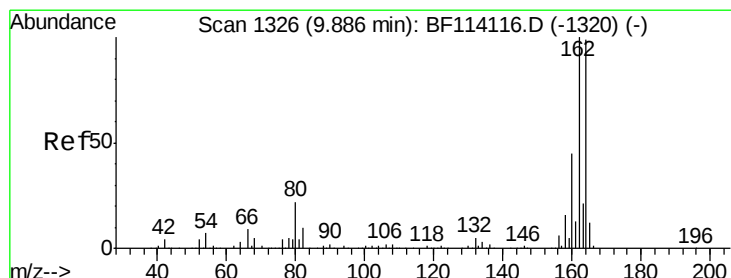
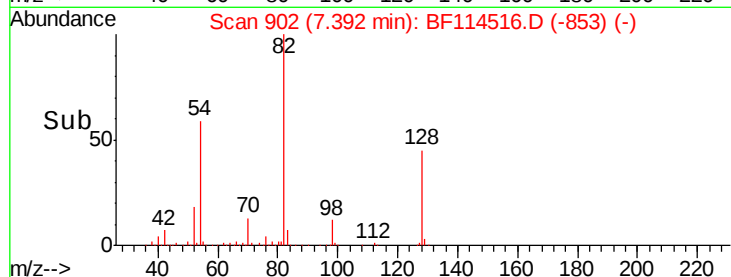
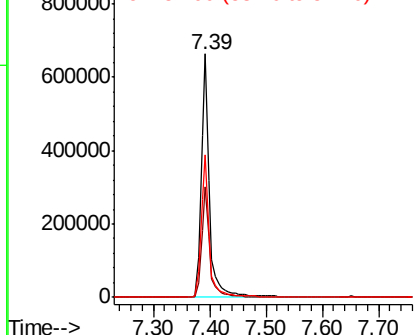
#23
Nitrobenzene-d5
Concen: 57.064 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114516.D
Acq: 23 May 2019 6:30

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

Tot Ion: 82 Resp: 676726
Ion Ratio Lower Upper
82 100
128 45.3 35.5 53.3
54 58.6 48.5 72.7

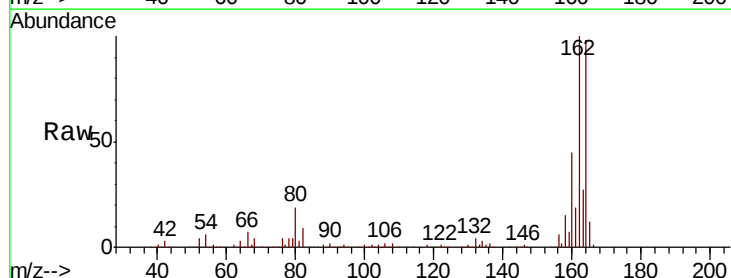


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

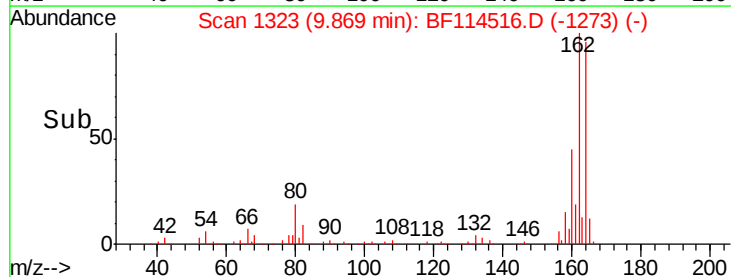
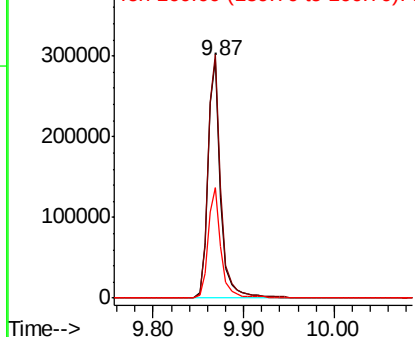


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114516.D
Acq: 23 May 2019 6:30

Tgt Ion:164 Resp: 293646
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 46.2 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

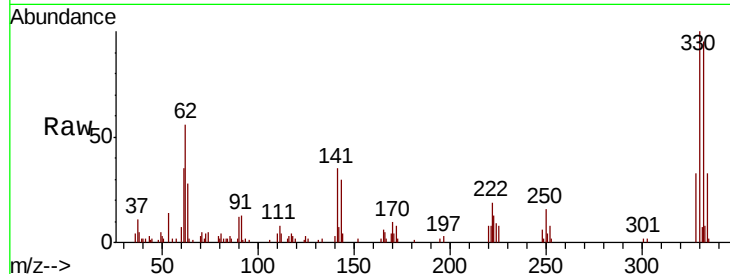




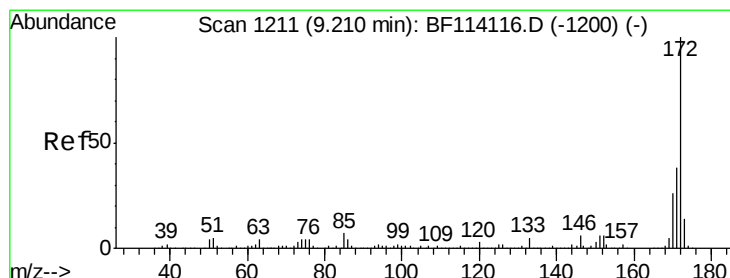
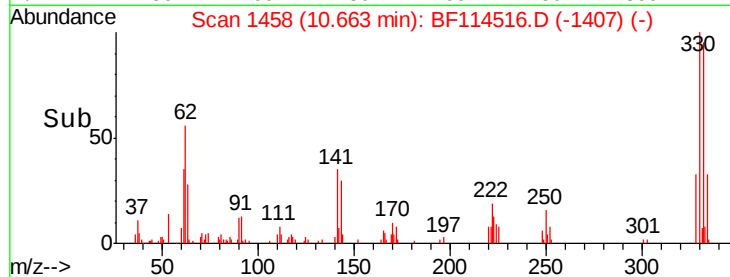
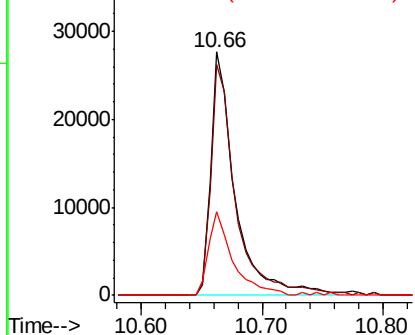
#42
 2,4,6-Tribromophenol
 Concen: 12.595 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114516.D
 Acq: 23 May 2019 6:30

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP

Tot Ion:330 Resp: 38237
 Ion Ratio Lower Upper
 330 100
 332 97.6 81.4 122.2
 141 34.2 26.6 40.0

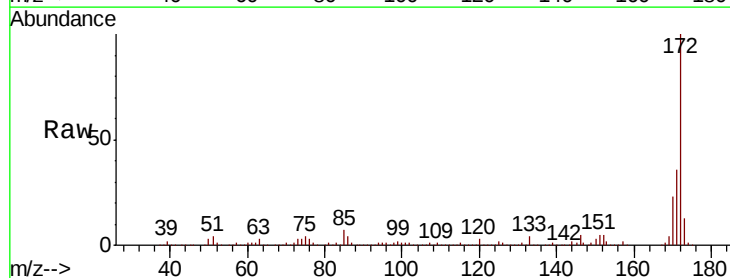


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

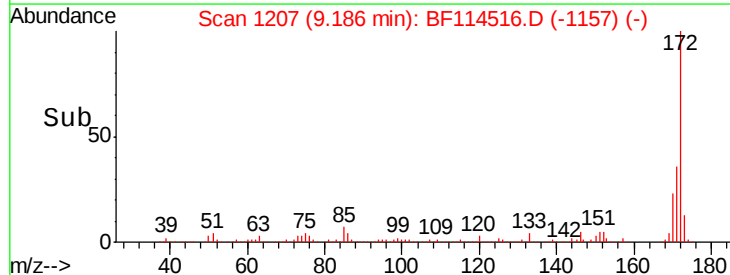
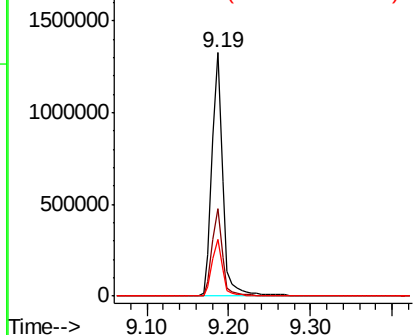


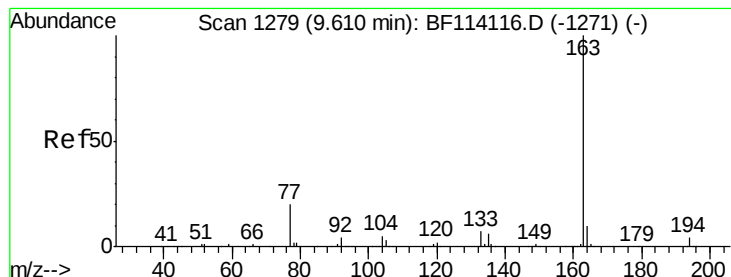
#45
 2-Fluorobiphenyl
 Concen: 62.868 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114516.D
 Acq: 23 May 2019 6:30

Tgt Ion:172 Resp: 1220425
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 23.3 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: 6.790 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114516.D

Acq: 23 May 2019 6:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP

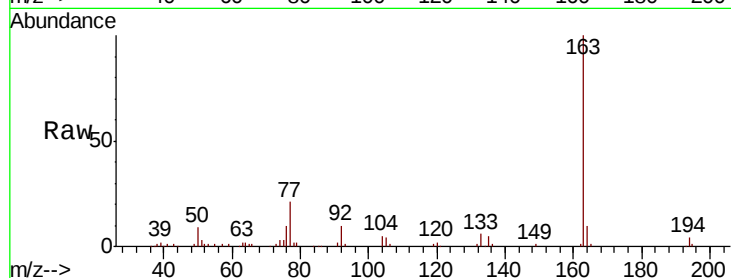
Tot Ion:163 Resp: 146378

Ion Ratio Lower Upper

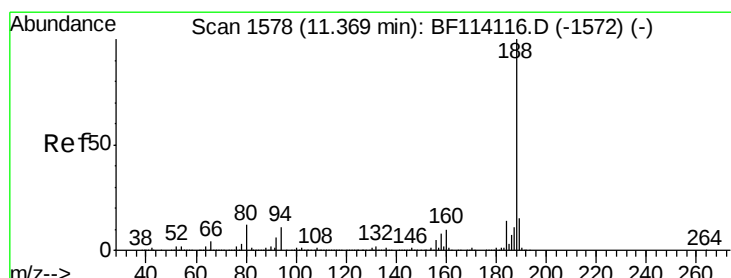
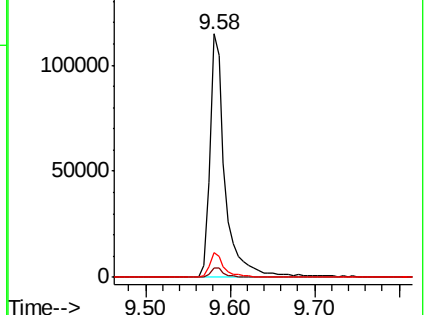
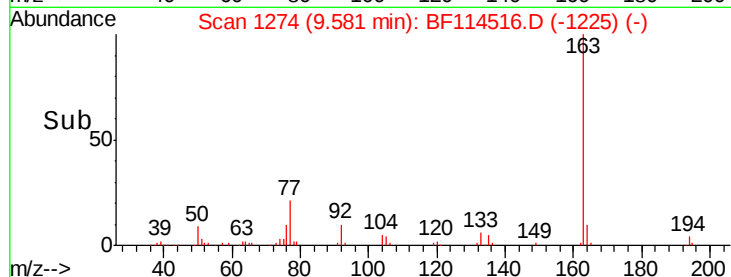
163 100

194 4.0 3.4 5.0

164 10.2 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: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF114516.D

Acq: 23 May 2019 6:30

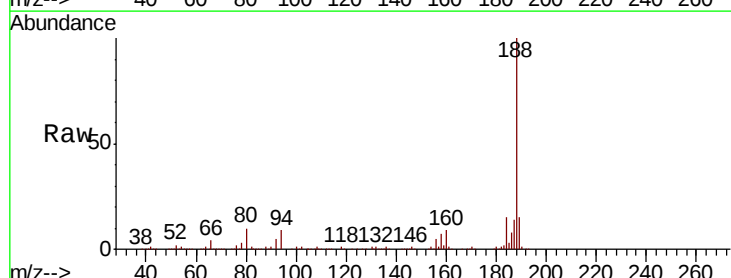
Tgt Ion:188 Resp: 494784

Ion Ratio Lower Upper

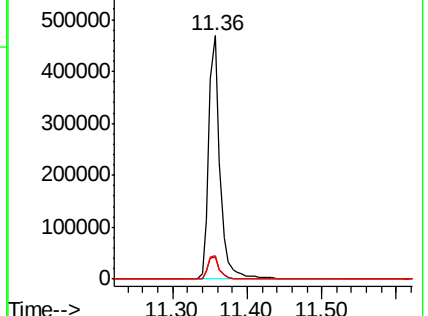
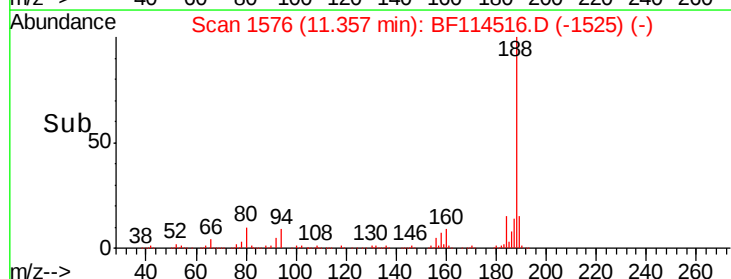
188 100

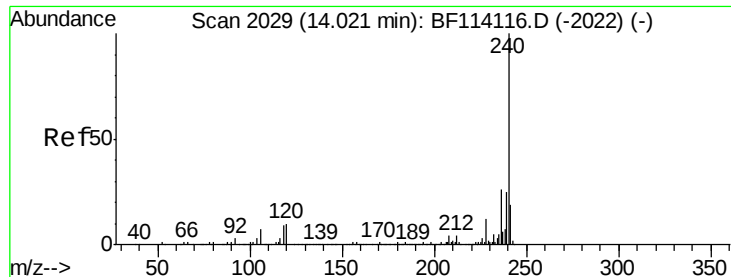
94 9.3 8.4 12.6

80 9.5 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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114516.D

Acq: 23 May 2019 6:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP

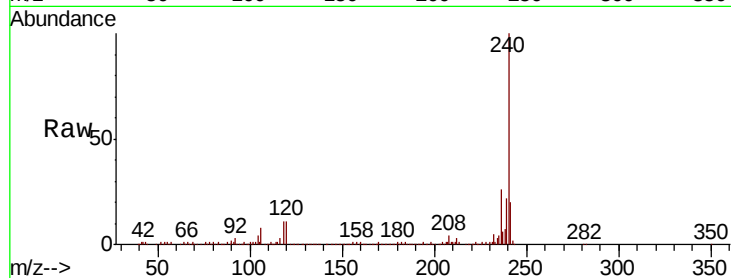
Tot Ion:240 Resp: 369890

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

236 25.8 20.8 31.2

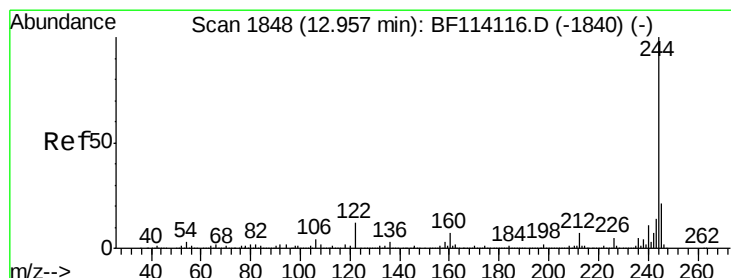
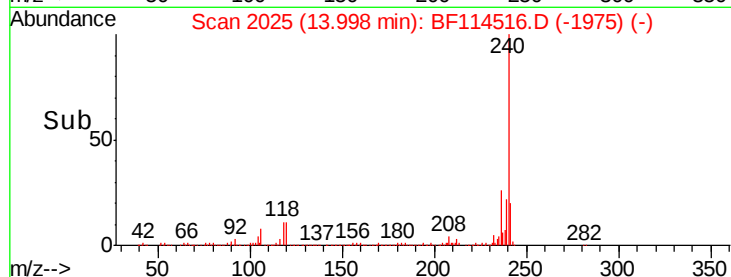
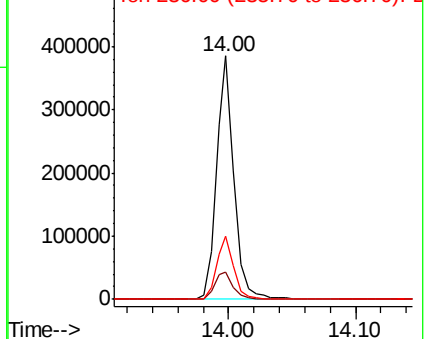


Abundance

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: 53.929 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114516.D

Acq: 23 May 2019 6:30

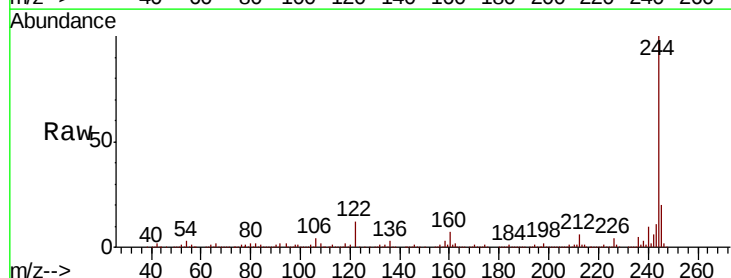
Tgt Ion:244 Resp: 967662

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

122 11.8 9.4 14.2

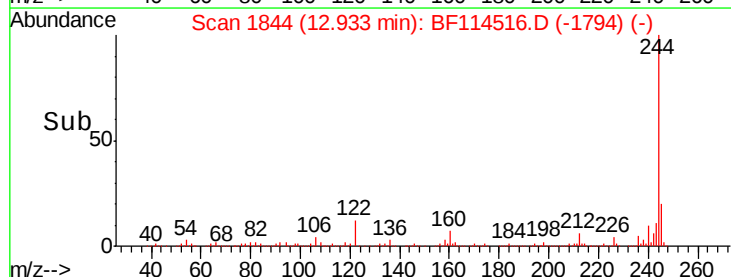
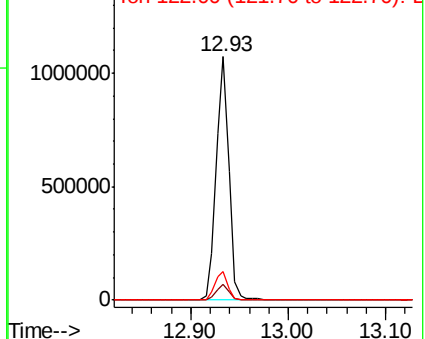


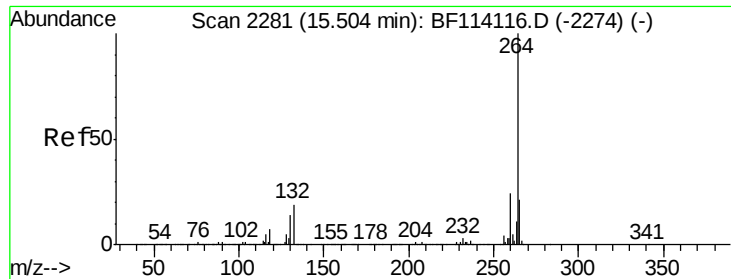
Abundance

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: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF114516.D
Acq: 23 May 2019 6:30

Instrument :
BNA_F
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CONCRETE-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.9	16.9	25.3

