

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114546.D
 Acq On : 24 May 2019 1:33
 Operator : JU/SJ
 Sample : K2978-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP

Quant Time: May 24 08:17:30 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

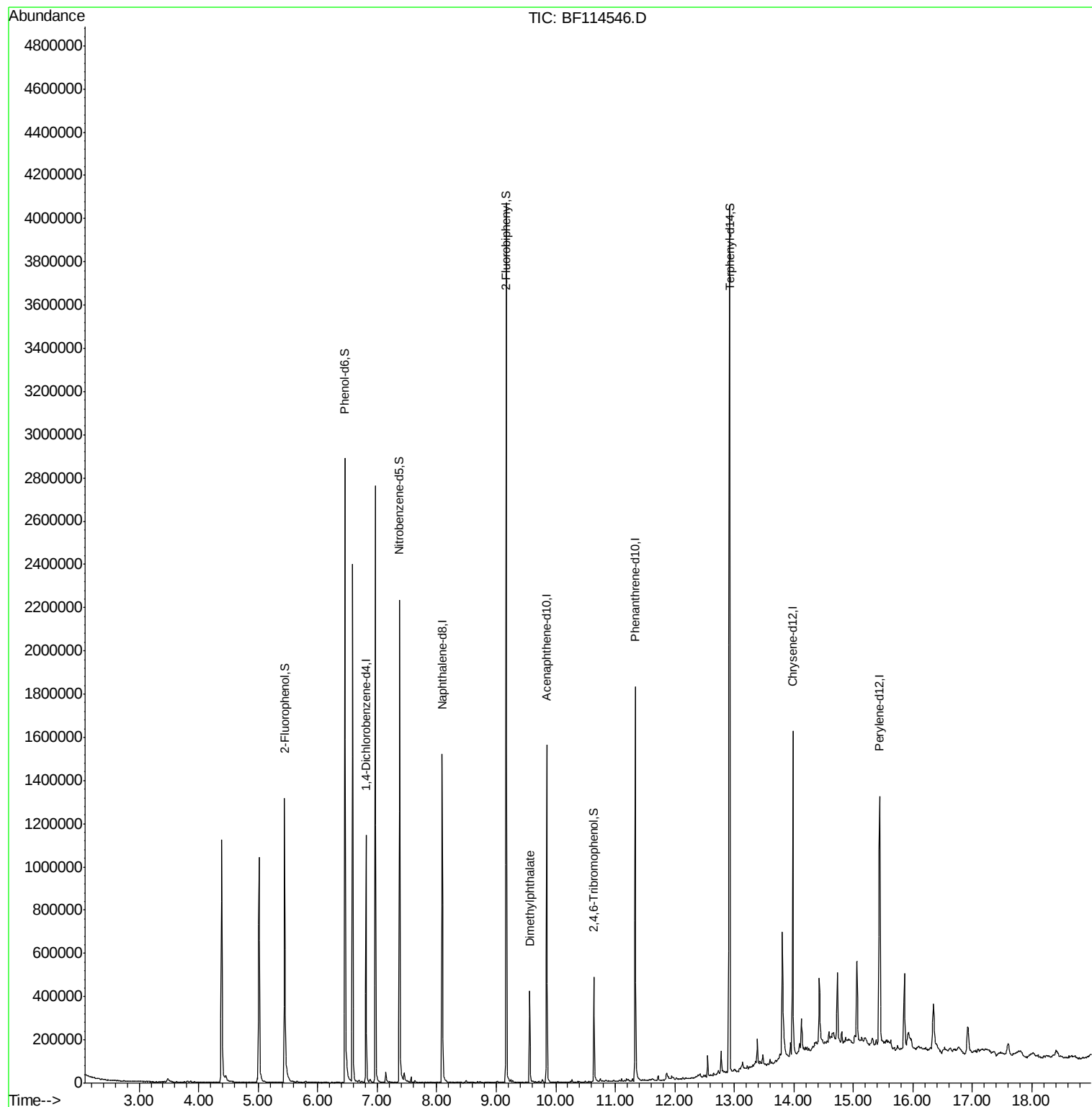
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	164647	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	648732	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	324272	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	693780	20.00	ng	0.00
76) Chrysene-d12	13.98	240	476263	20.00	ng	0.00
87) Perylene-d12	15.44	264	467441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	460459	45.01	ng	0.00
7) Phenol-d6	6.46	99	952527	78.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	655592	56.71	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	57627	17.19	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1259698	58.76	ng	0.00
79) Terphenyl-d14	12.92	244	1468128	63.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	165734	6.962	ng	Qvalue 99

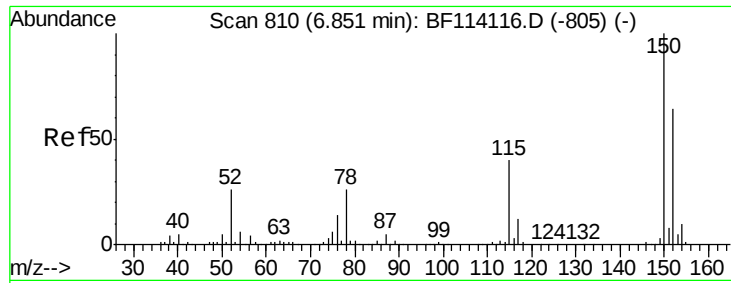
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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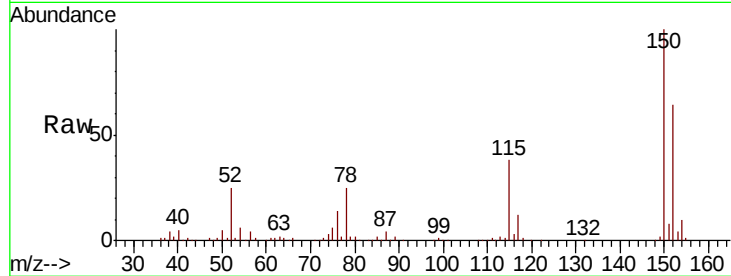


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114546.D
Acq: 24 May 2019 1:33

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.3	186.5
115	60.4	49.1	73.7

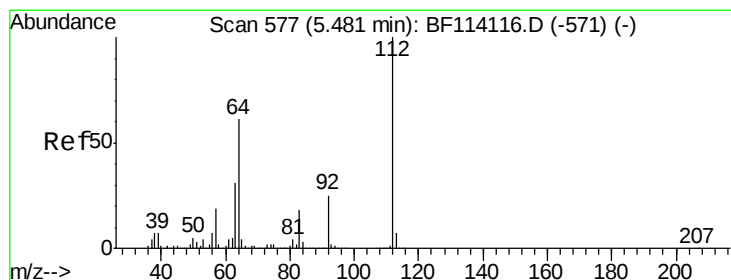
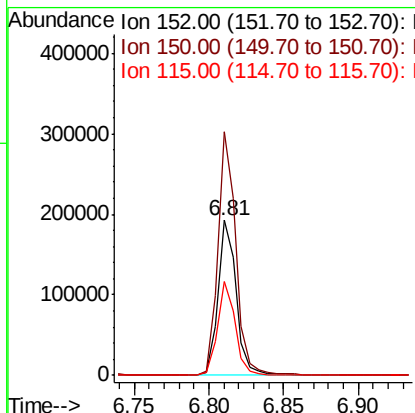
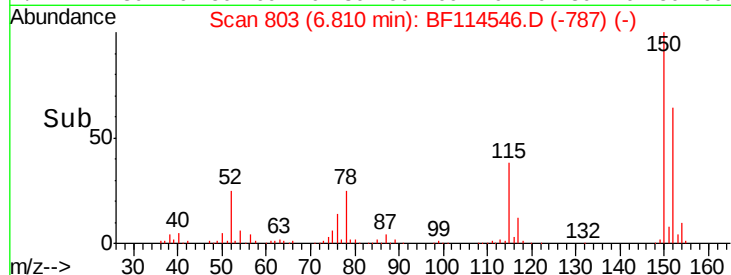


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

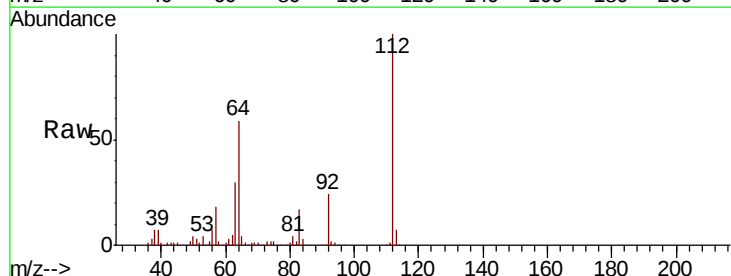
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.005 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114546.D
Acq: 24 May 2019 1:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.0	73.6
63	30.5	24.6	37.0

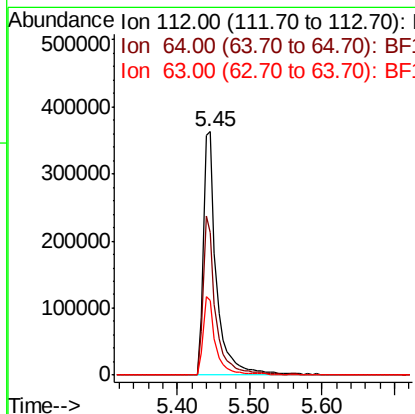
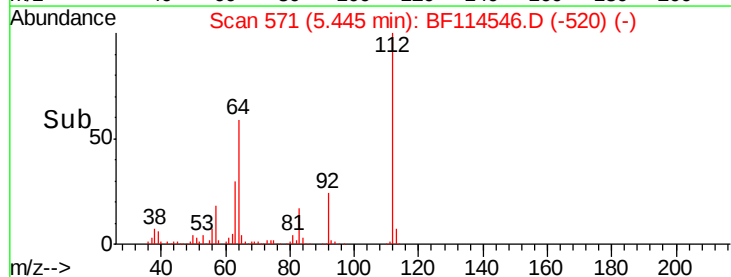


Abundance

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: 78.716 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114546.D

Acq: 24 May 2019 1:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP

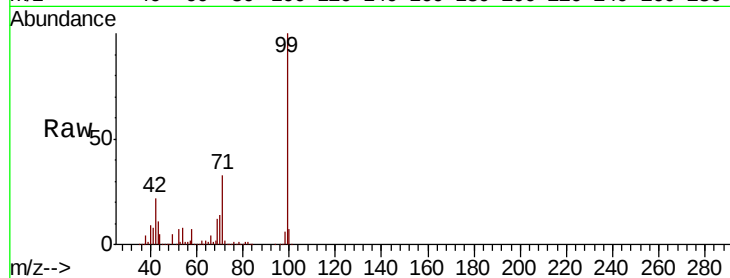
Tot Ion: 99 Resp: 952527

Ion Ratio Lower Upper

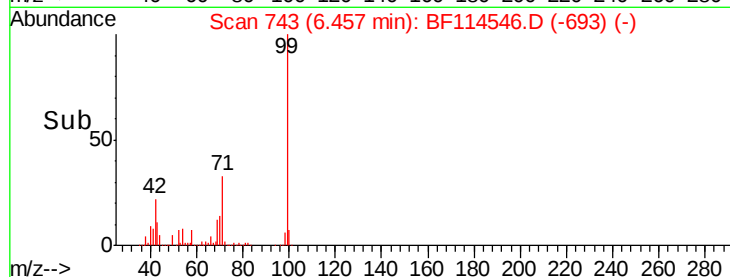
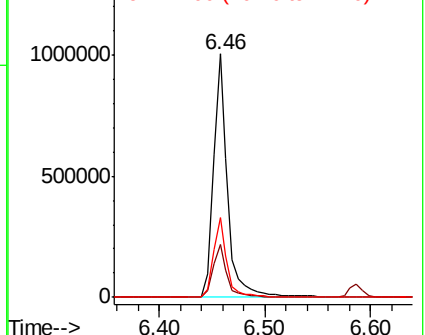
99 100

42 21.8 17.9 26.9

71 33.0 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: BF114546.D

Acq: 24 May 2019 1:33

Tgt Ion: 136 Resp: 648732

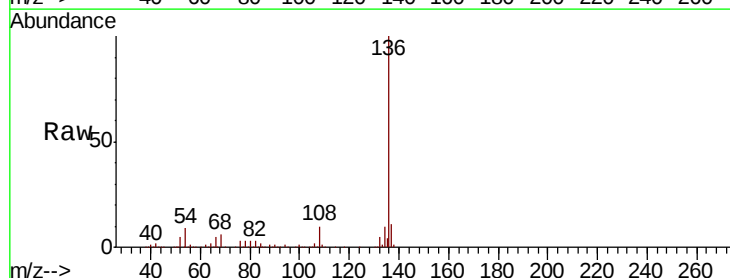
Ion Ratio Lower Upper

136 100

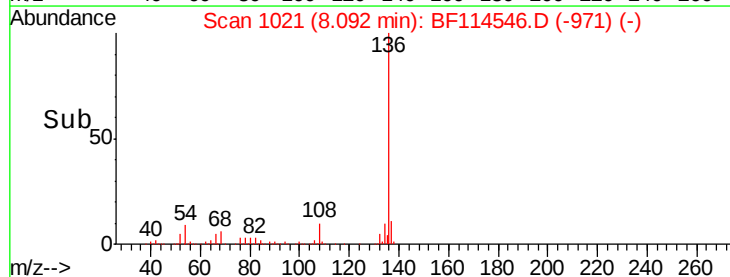
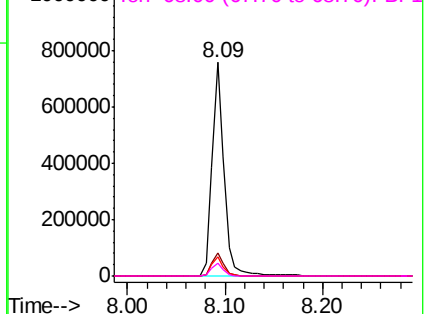
137 11.1 8.8 13.2

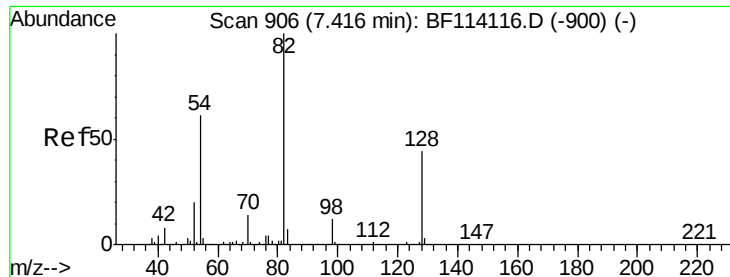
54 9.2 7.8 11.8

68 5.7 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

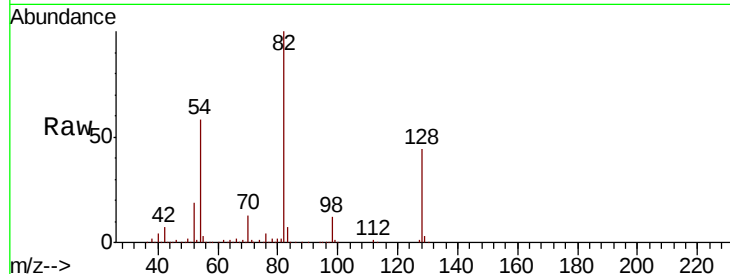




#23
Nitrobenzene-d5
Concen: 56.714 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114546.D
Acq: 24 May 2019 1:33

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP

Tot Ion	82	Resp	655592
Ion Ratio	100	Lower	Upper
128	44.3	35.5	53.3
54	58.2	48.5	72.7

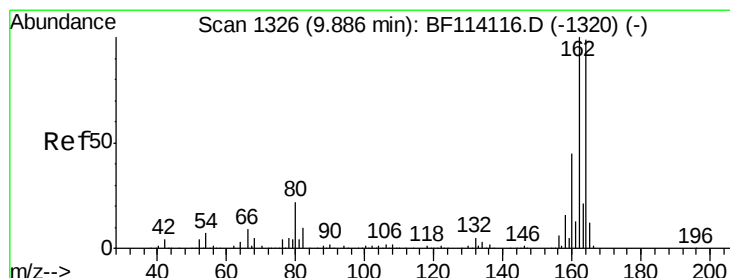
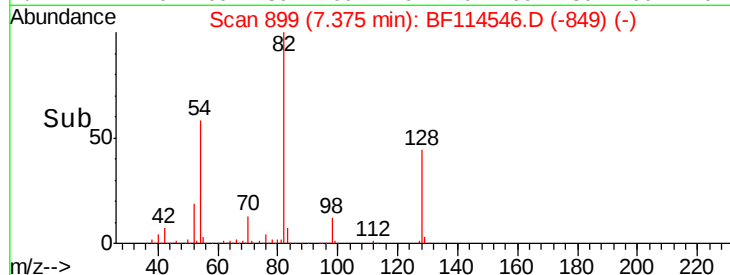
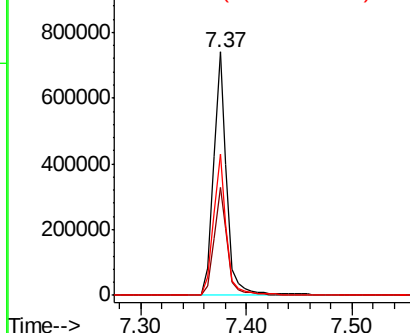


Abundance

Ion 82.00 (81.70 to 82.70): BF1

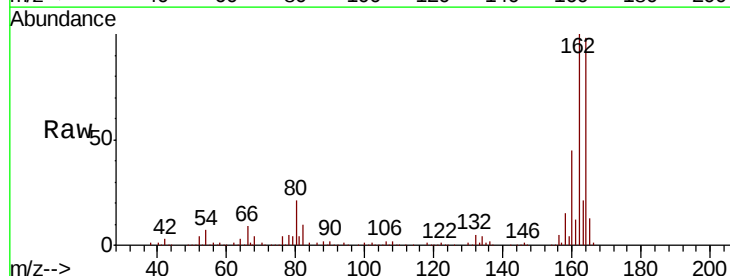
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114546.D
Acq: 24 May 2019 1:33

Tgt Ion	164	Resp	324272
Ion Ratio	100	Lower	Upper
162	101.8	80.6	120.8
160	45.3	36.5	54.7

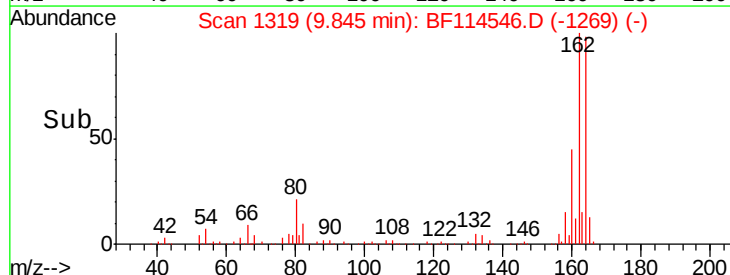
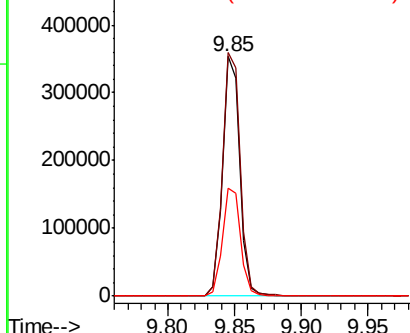


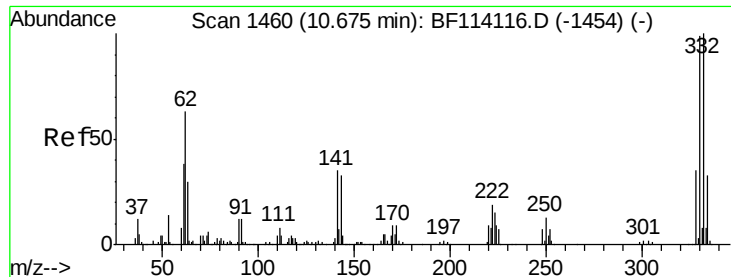
Abundance

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

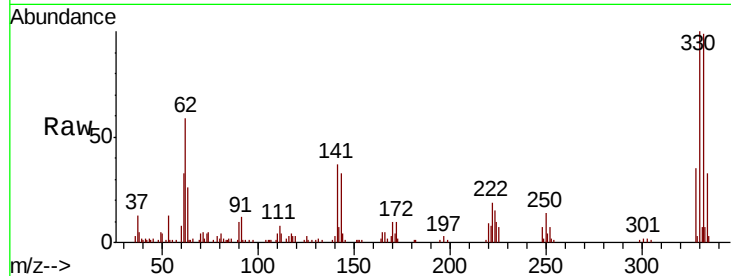




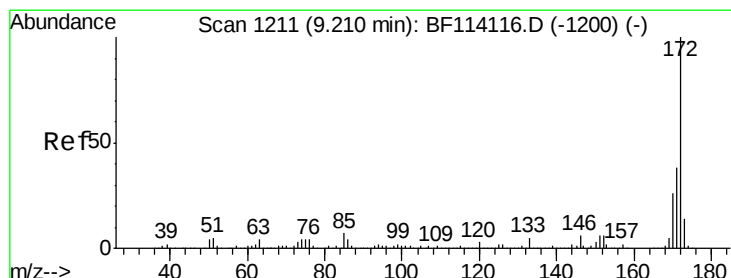
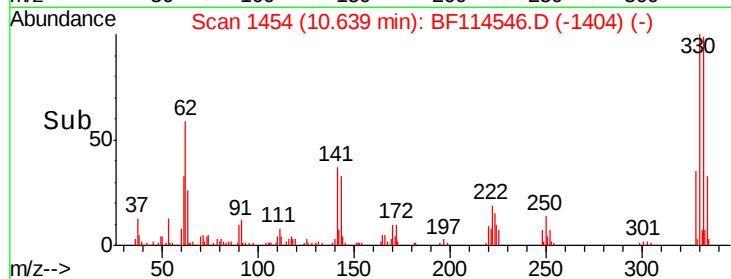
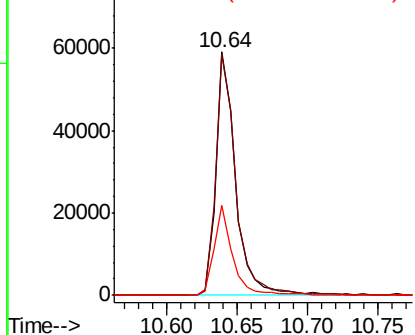
#42
 2,4,6-Tribromophenol
 Concen: 17.190 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114546.D
 Acq: 24 May 2019 1:33

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP

Tot Ion:330 Resp: 57627
 Ion Ratio Lower Upper
 330 100
 332 100.9 81.4 122.2
 141 34.8 26.6 40.0

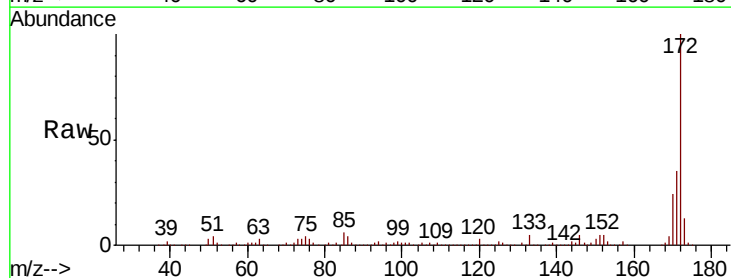


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

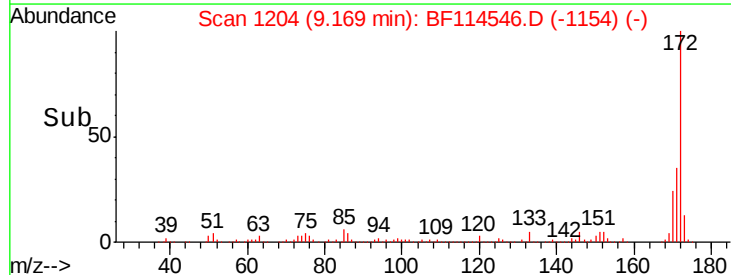
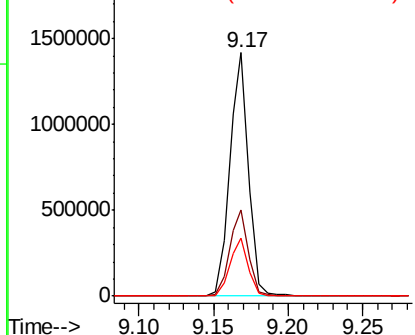


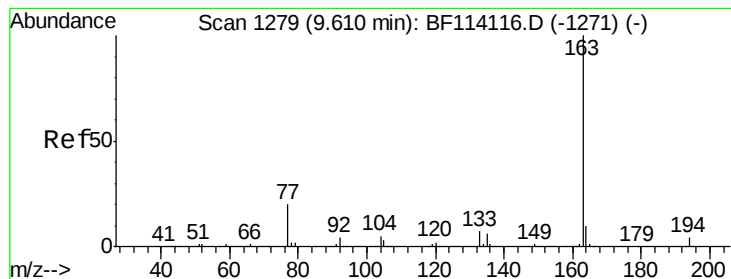
#45
 2-Fluorobiphenyl
 Concen: 58.762 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114546.D
 Acq: 24 May 2019 1:33

Tgt Ion:172 Resp: 1259698
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.7 46.1
 170 23.7 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: 6.962 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114546.D

Acq: 24 May 2019 1:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP

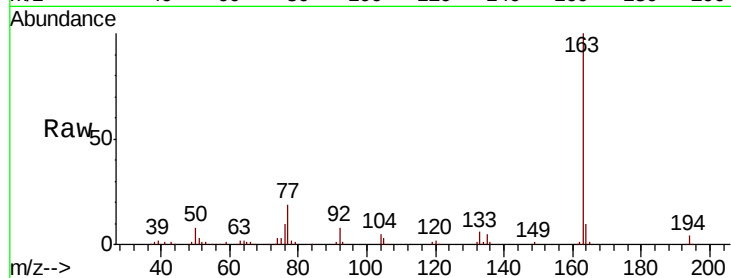
Tot Ion:163 Resp: 165734

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

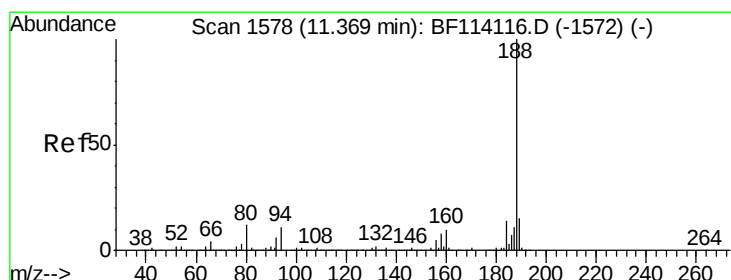
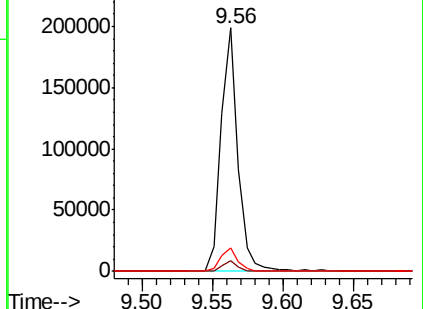
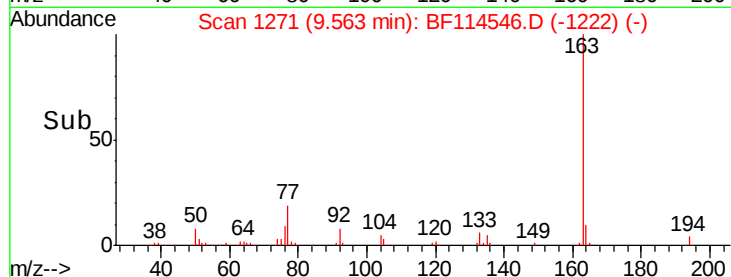
164 9.8 8.2 12.2



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: BF114546.D

Acq: 24 May 2019 1:33

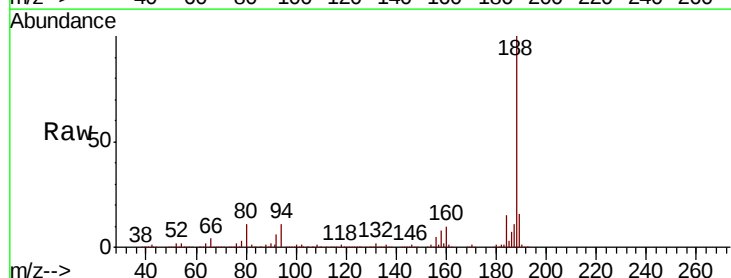
Tgt Ion:188 Resp: 693780

Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

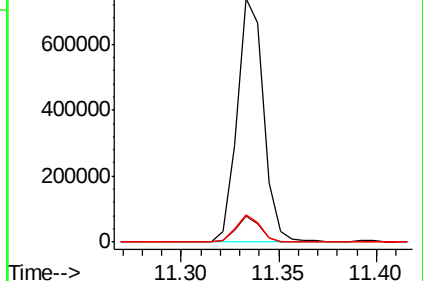
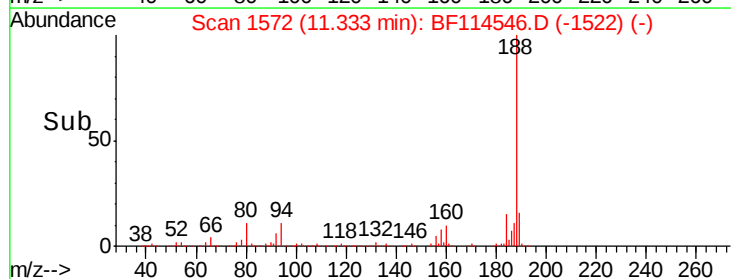
80 11.0 9.2 13.8

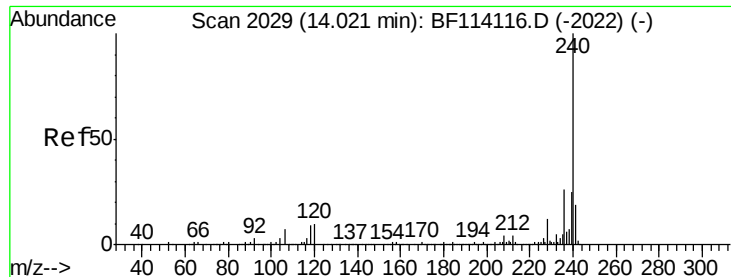


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

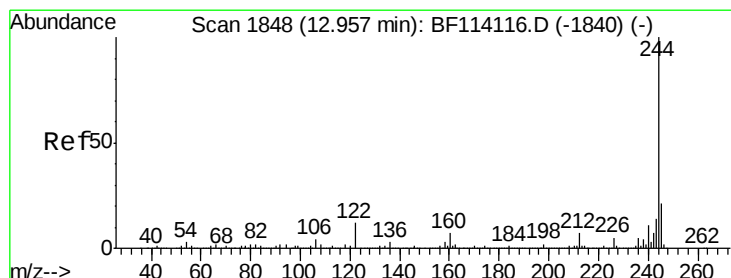
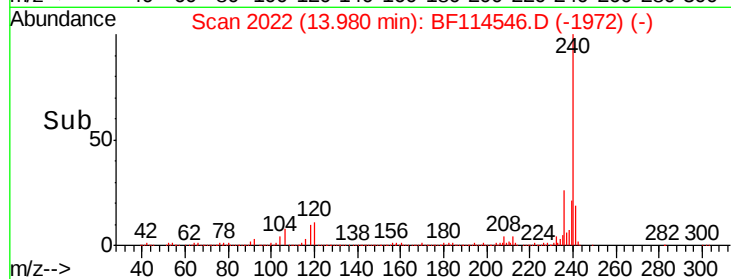
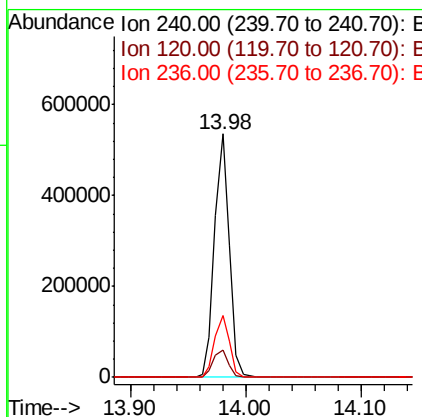
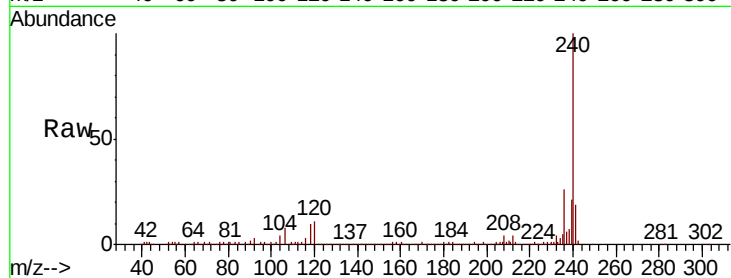




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114546.D
 Acq: 24 May 2019 1:33

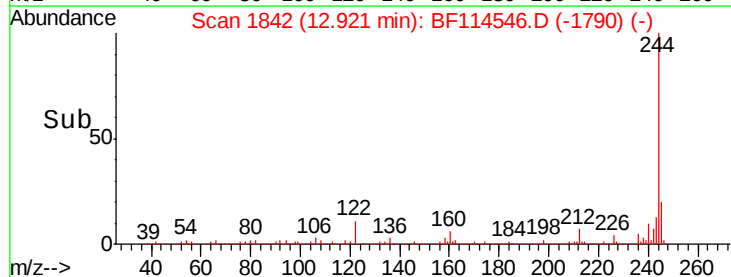
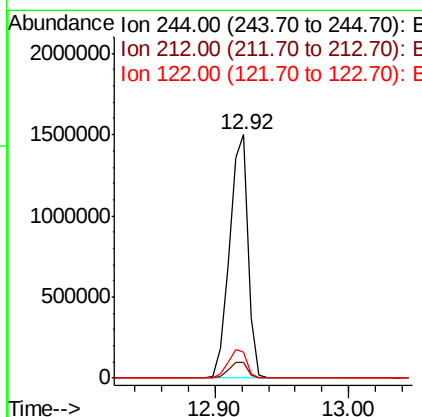
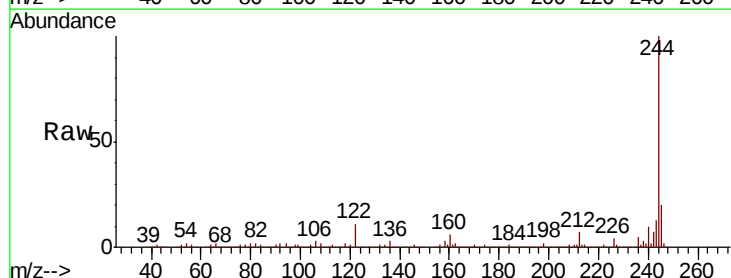
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 BNA_F
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 CONCRETE-COMP

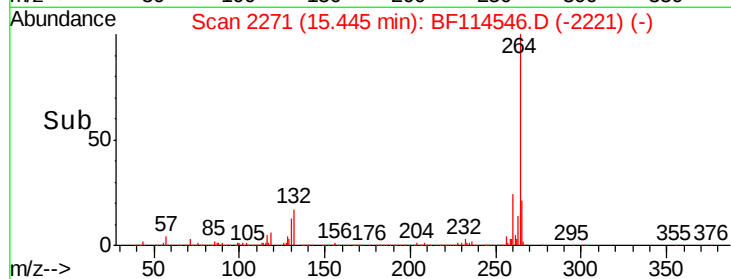
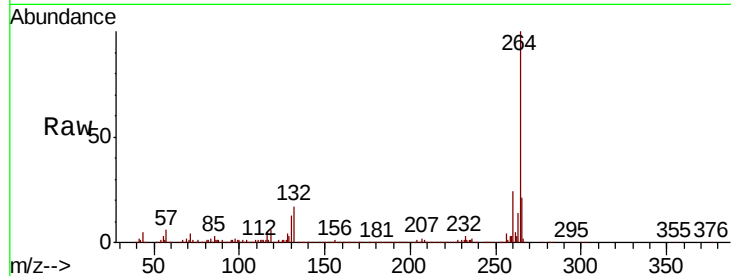
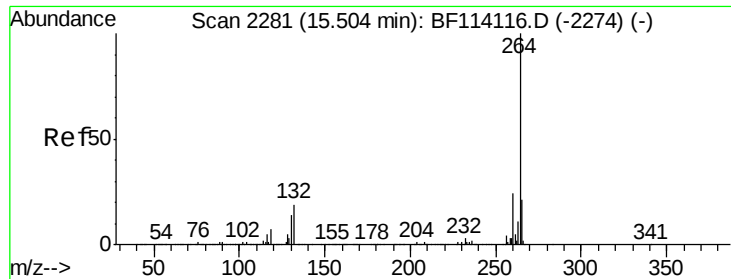
Tot Ion:240 Resp: 476263
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.5 20.8 31.2



#79
 Terphenyl-d14
 Concen: 63.546 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114546.D
 Acq: 24 May 2019 1:33

Tgt Ion:244 Resp: 1468128
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 10.8 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114546.D
 Acq: 24 May 2019 1:33

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.1	16.9	25.3

