

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114333.D
 Acq On : 17 May 2019 2:49
 Operator : JU/SJ
 Sample : K2867-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-I

Quant Time: May 17 08:37:58 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

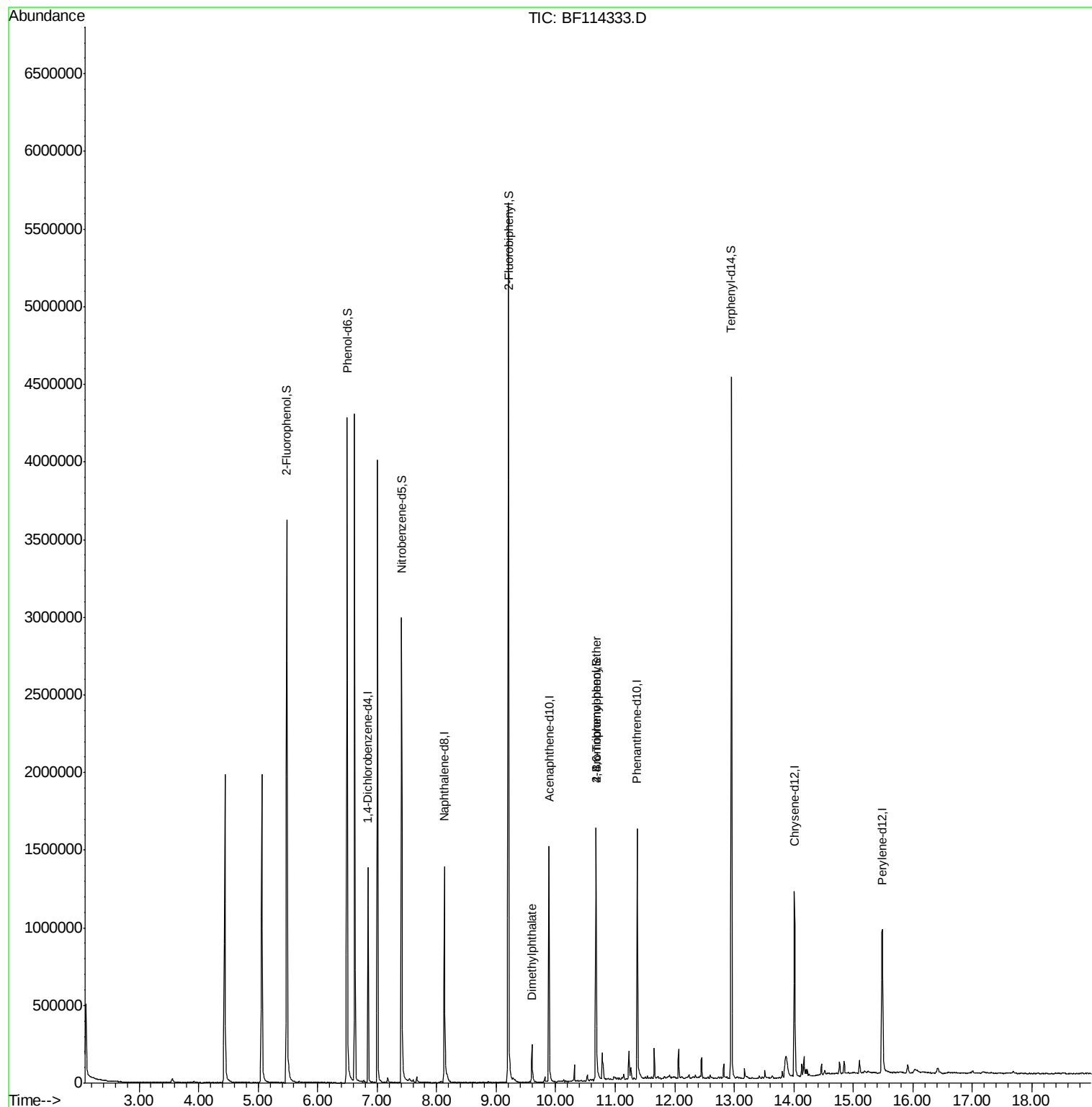
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	200694	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	762943	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	340666	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	631027	20.00	ng	0.00
76) Chrysene-d12	14.01	240	425828	20.00	ng	-0.01
87) Perylene-d12	15.49	264	490604	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1034627	82.96	ng	0.00
7) Phenol-d6	6.49	99	1554544	105.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	991428	72.93	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	221417	62.87	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1746575	77.55	ng	0.00
79) Terphenyl-d14	12.95	244	1555426	75.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	124192	4.966	ng	Qvalue 100
67) 4-Bromophenyl-phenylether	10.67	248	14406	2.073	ng	# 1

(#) = 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: BF114333.D

Acq: 17 May 2019 2:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-I

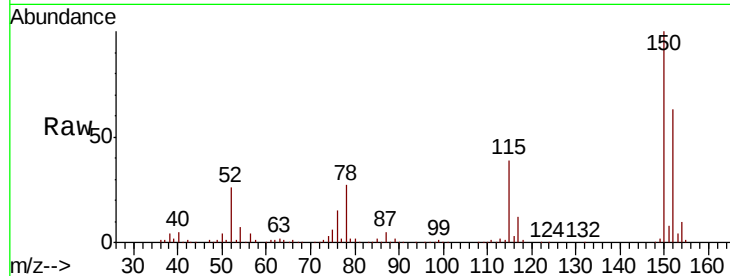
Tot Ion:152 Resp: 200694

Ion Ratio Lower Upper

152 100

150 159.3 124.3 186.5

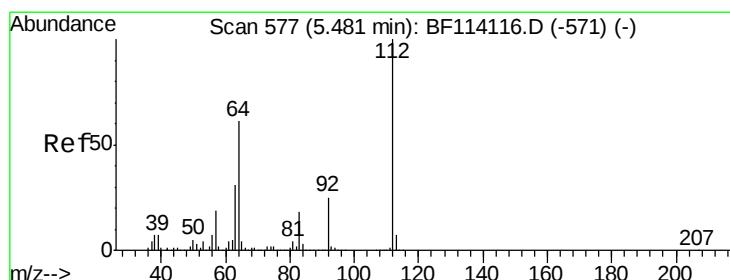
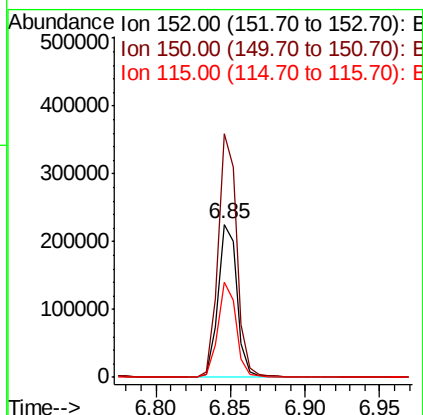
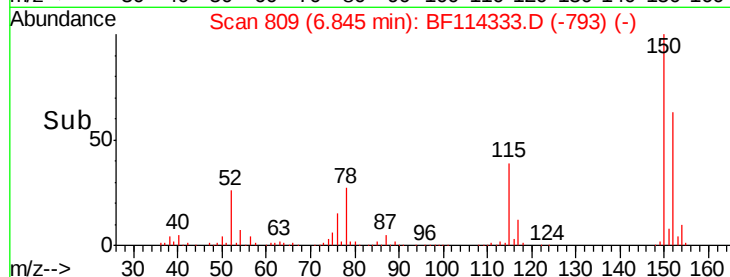
115 62.0 49.1 73.7



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: 82.961 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114333.D

Acq: 17 May 2019 2:49

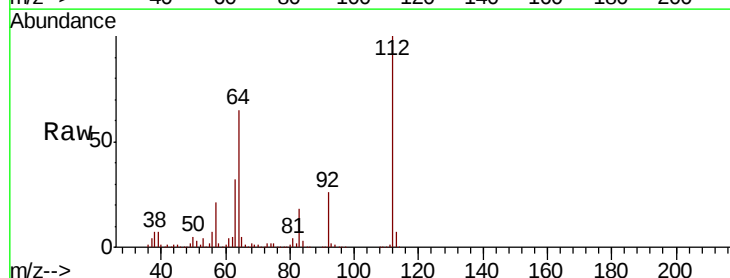
Tgt Ion:112 Resp: 1034627

Ion Ratio Lower Upper

112 100

64 64.8 49.0 73.6

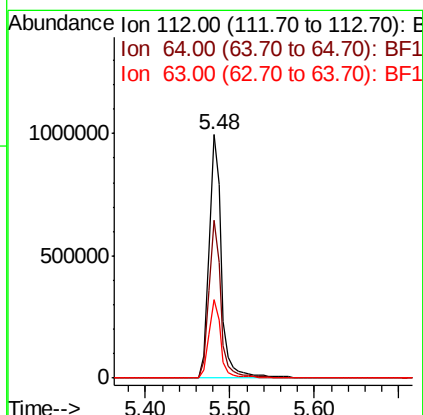
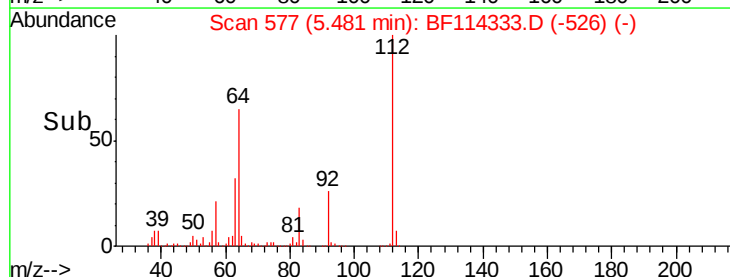
63 32.3 24.6 37.0



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: 105.392 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114333.D

Acq: 17 May 2019 2:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-I

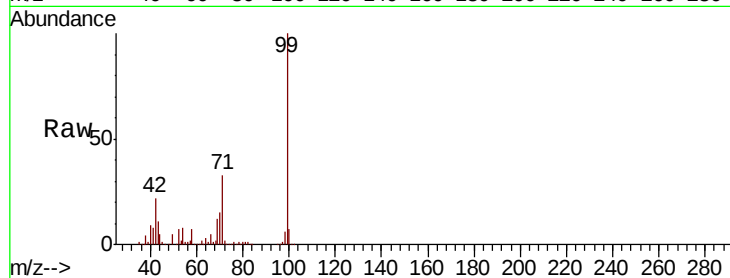
Tot Ion: 99 Resp: 1554544

Ion Ratio Lower Upper

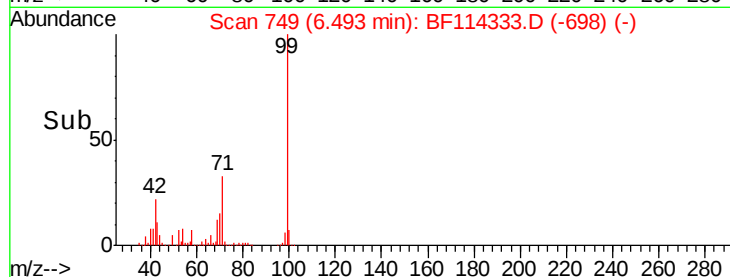
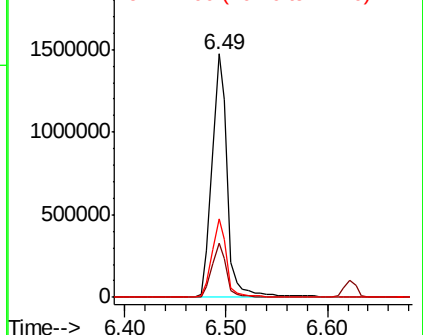
99 100

42 22.2 17.9 26.9

71 32.5 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: BF114333.D

Acq: 17 May 2019 2:49

Tgt Ion: 136 Resp: 762943

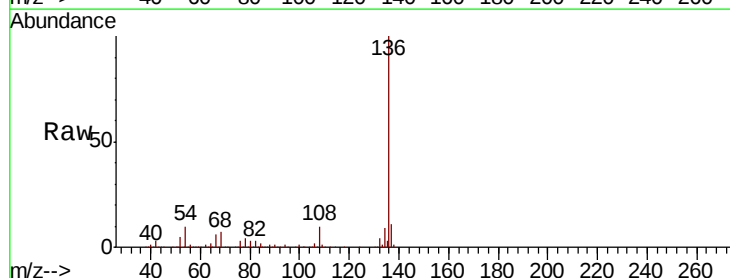
Ion Ratio Lower Upper

136 100

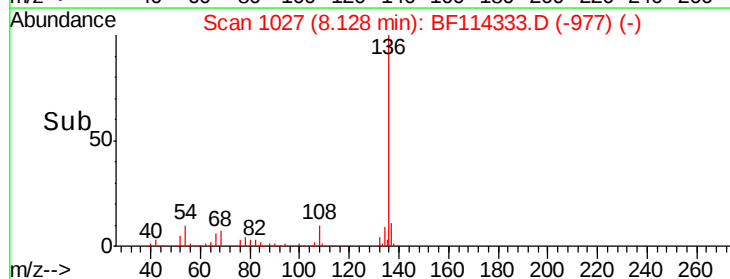
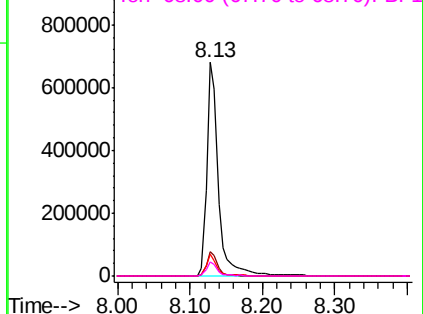
137 11.2 8.8 13.2

54 10.0 7.8 11.8

68 6.8 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

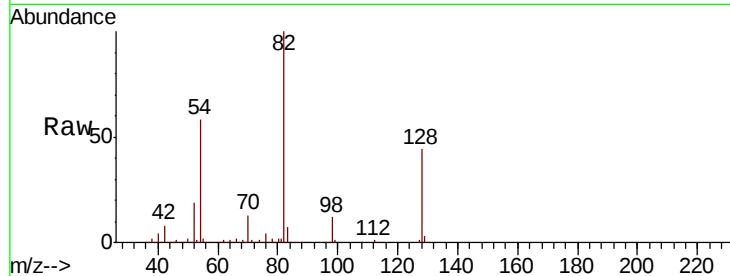




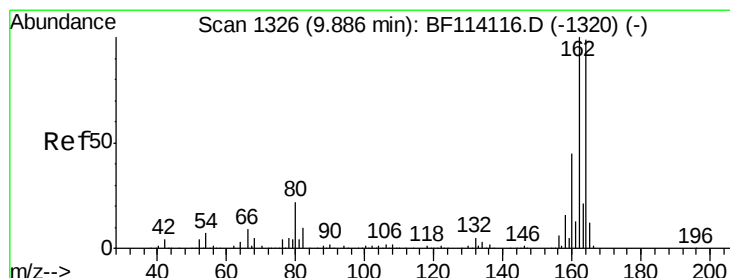
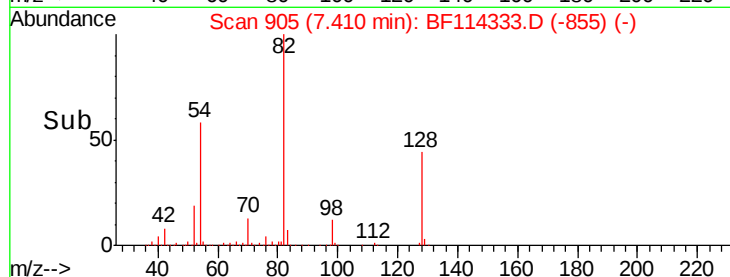
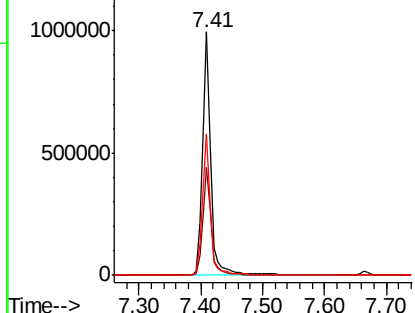
#23
Nitrobenzene-d5
Concen: 72.927 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114333.D
Acq: 17 May 2019 2:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-I

Tot Ion	82	Resp	991428
Ion Ratio	Lower	Upper	
82	100		
128	44.4	35.5	53.3
54	58.3	48.5	72.7

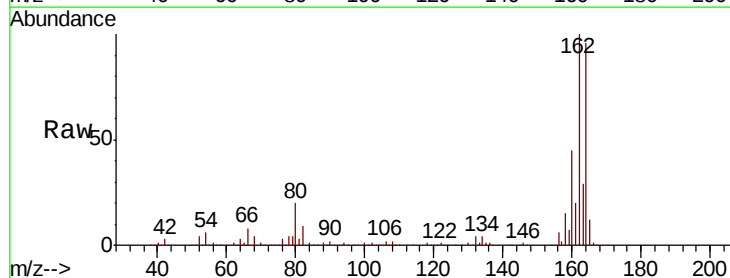


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

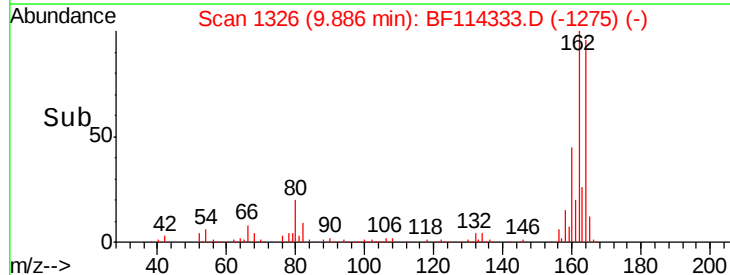
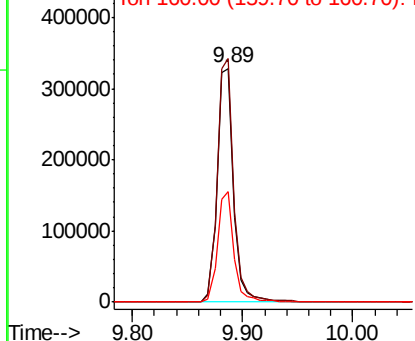


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114333.D
Acq: 17 May 2019 2:49

Tgt Ion	164	Resp	340666
Ion Ratio	Lower	Upper	
164	100		
162	104.1	80.6	120.8
160	47.2	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

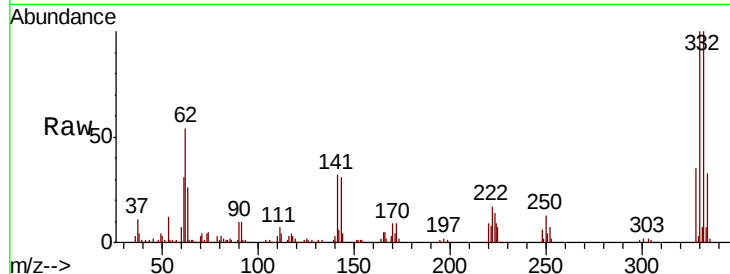




#42
 2,4,6-Tribromophenol
 Concen: 62.868 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF114333.D
 Acq: 17 May 2019 2:49

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-I

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.7	81.4	122.2
141	33.1	26.6	40.0

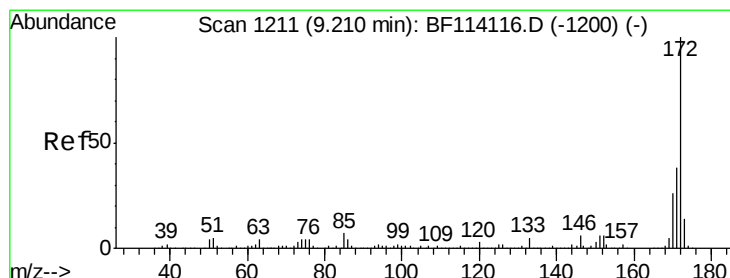
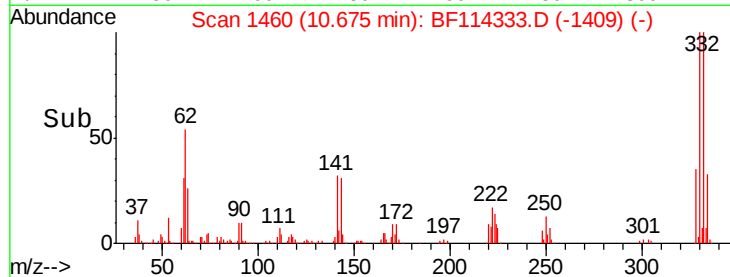
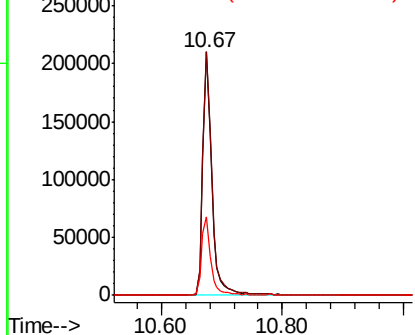


Abundance

Ion 329.80 (329.50 to 330.50): E

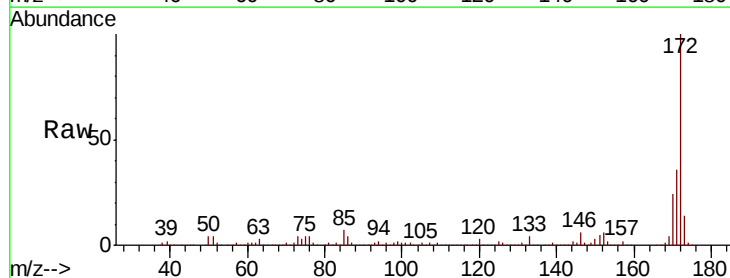
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.553 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114333.D
 Acq: 17 May 2019 2:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	24.3	20.5	30.7

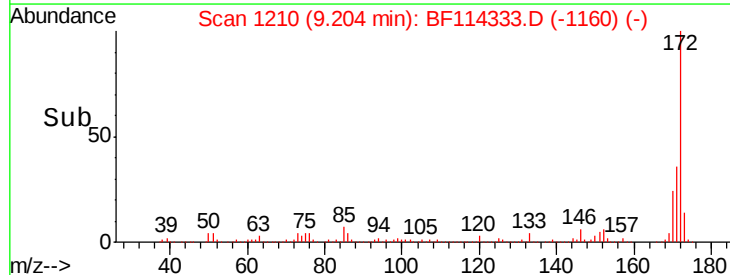
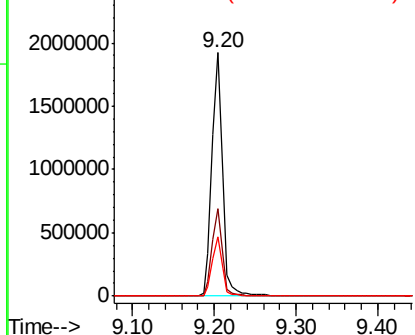


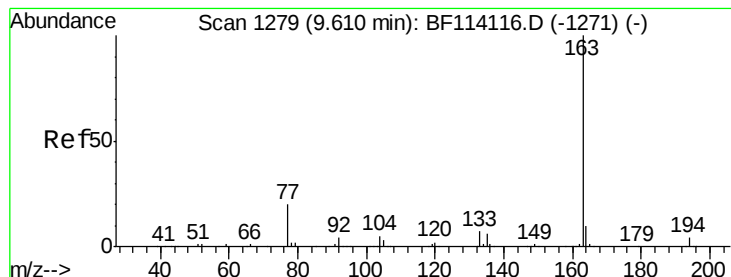
Abundance

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: 4.966 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114333.D

Acq: 17 May 2019 2:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-I

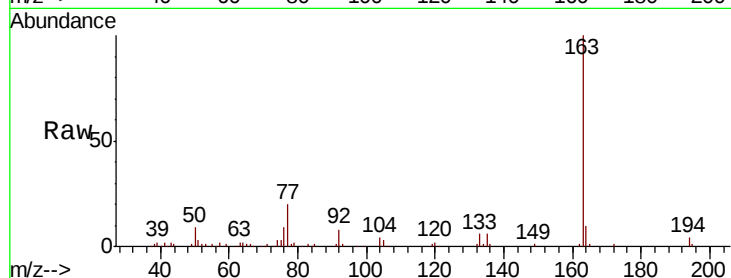
Tot Ion:163 Resp: 124192

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

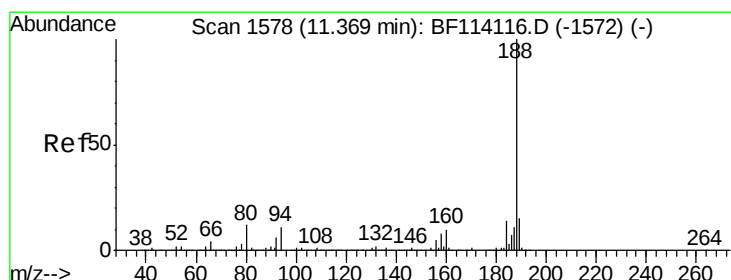
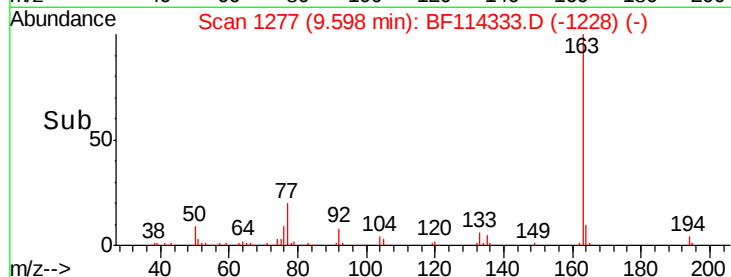
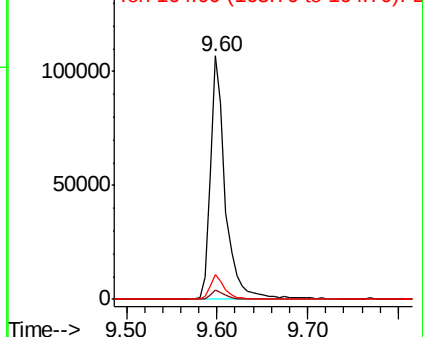
164 10.1 8.2 12.2



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: BF114333.D

Acq: 17 May 2019 2:49

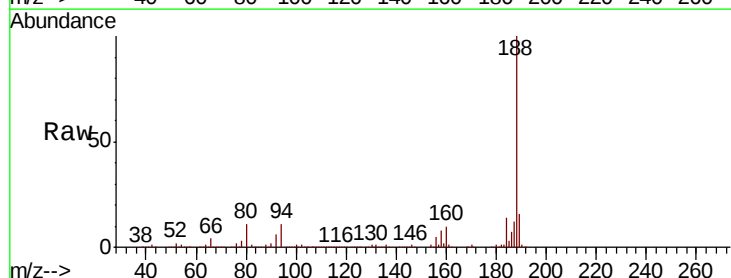
Tgt Ion:188 Resp: 631027

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

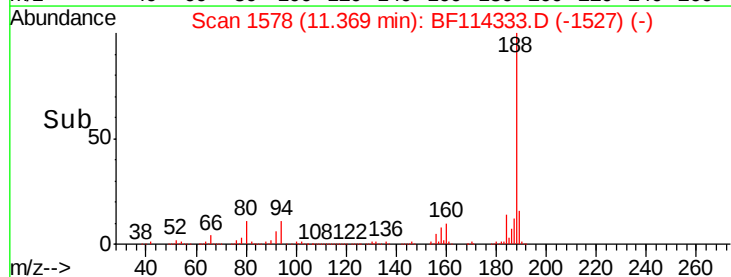
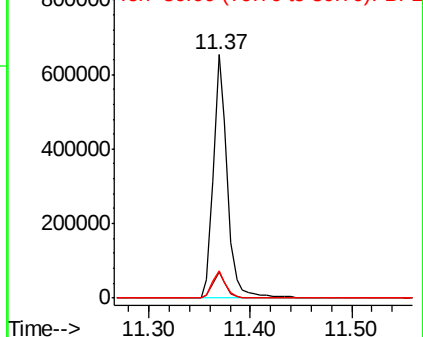
80 11.2 9.2 13.8

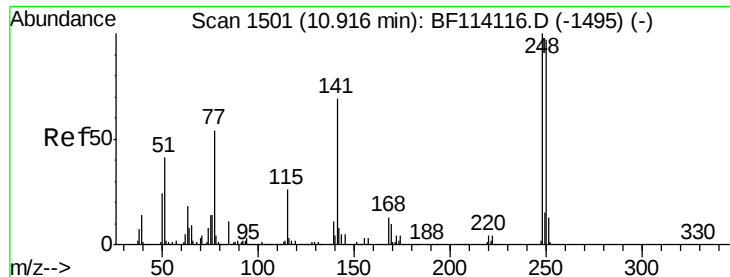


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

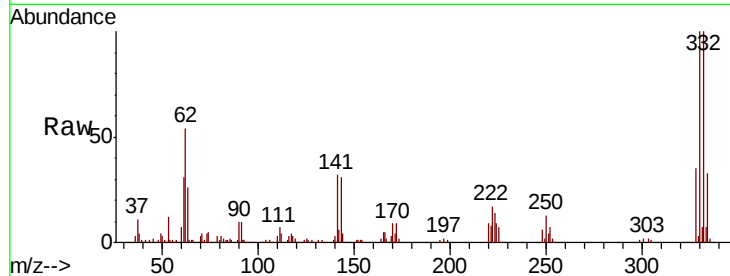




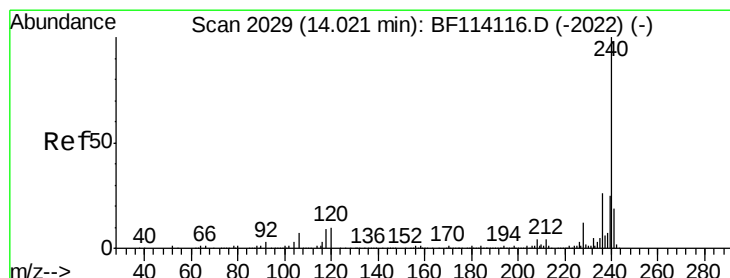
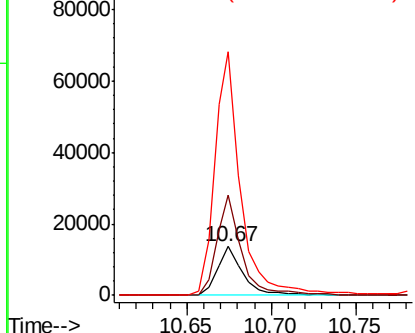
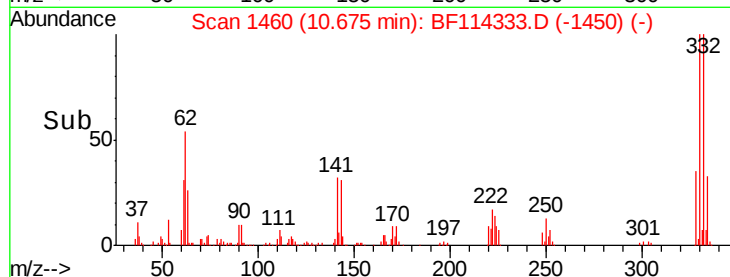
#67
4-Bromophenyl-phenylether
Concen: 2.073 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114333.D
Acq: 17 May 2019 2:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-I

Tot Ion:248 Resp: 14406
Ion Ratio Lower Upper
248 100
250 205.8 77.4 116.2#
141 502.6 55.6 83.4#

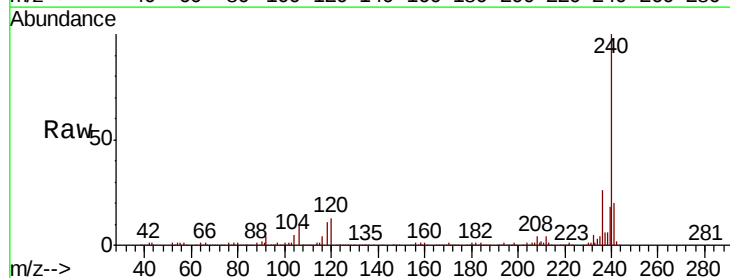


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

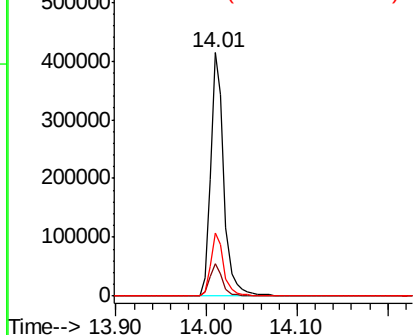
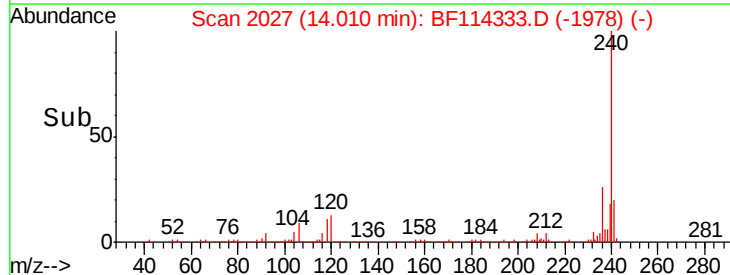


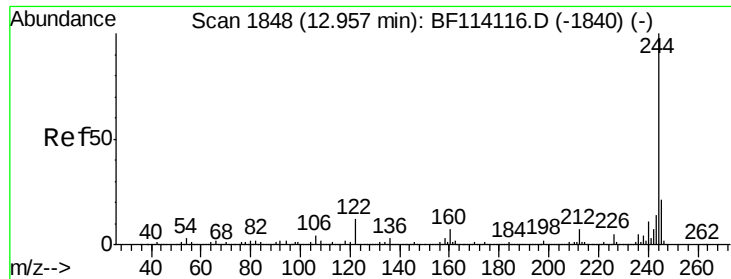
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114333.D
Acq: 17 May 2019 2:49

Tgt Ion:240 Resp: 425828
Ion Ratio Lower Upper
240 100
120 13.5 8.3 12.5#
236 25.9 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

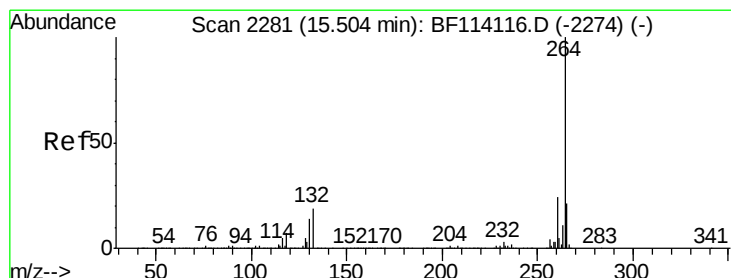
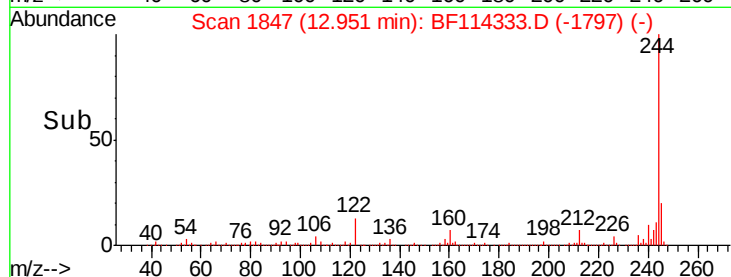
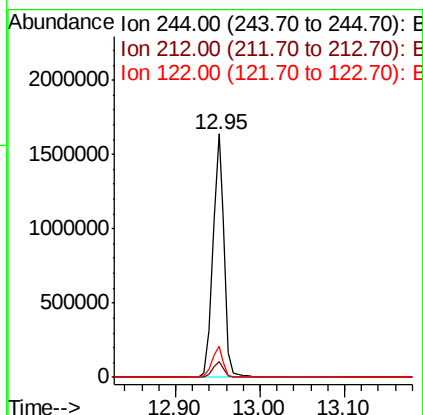
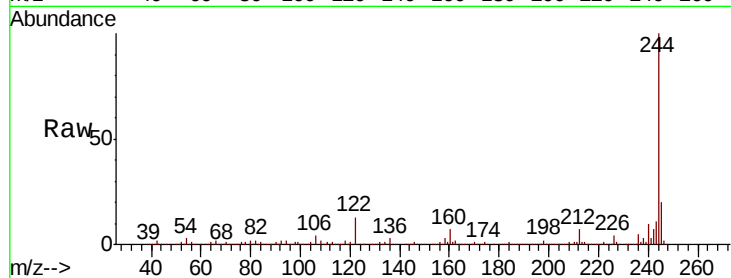




#79
 Terphenyl-d14
 Concen: 75.298 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114333.D
 Acq: 17 May 2019 2:49

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-I

Tot Ion:244 Resp: 1555426
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 12.7 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF114333.D
 Acq: 17 May 2019 2:49

Tgt Ion:264 Resp: 490604
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.4 29.0
 265 21.2 16.9 25.3

