

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110294.D
 Acq On : 30 Oct 2018 7:43
 Operator : JU/SJ
 Sample : J5695-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIER

Quant Time: Oct 30 09:32:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

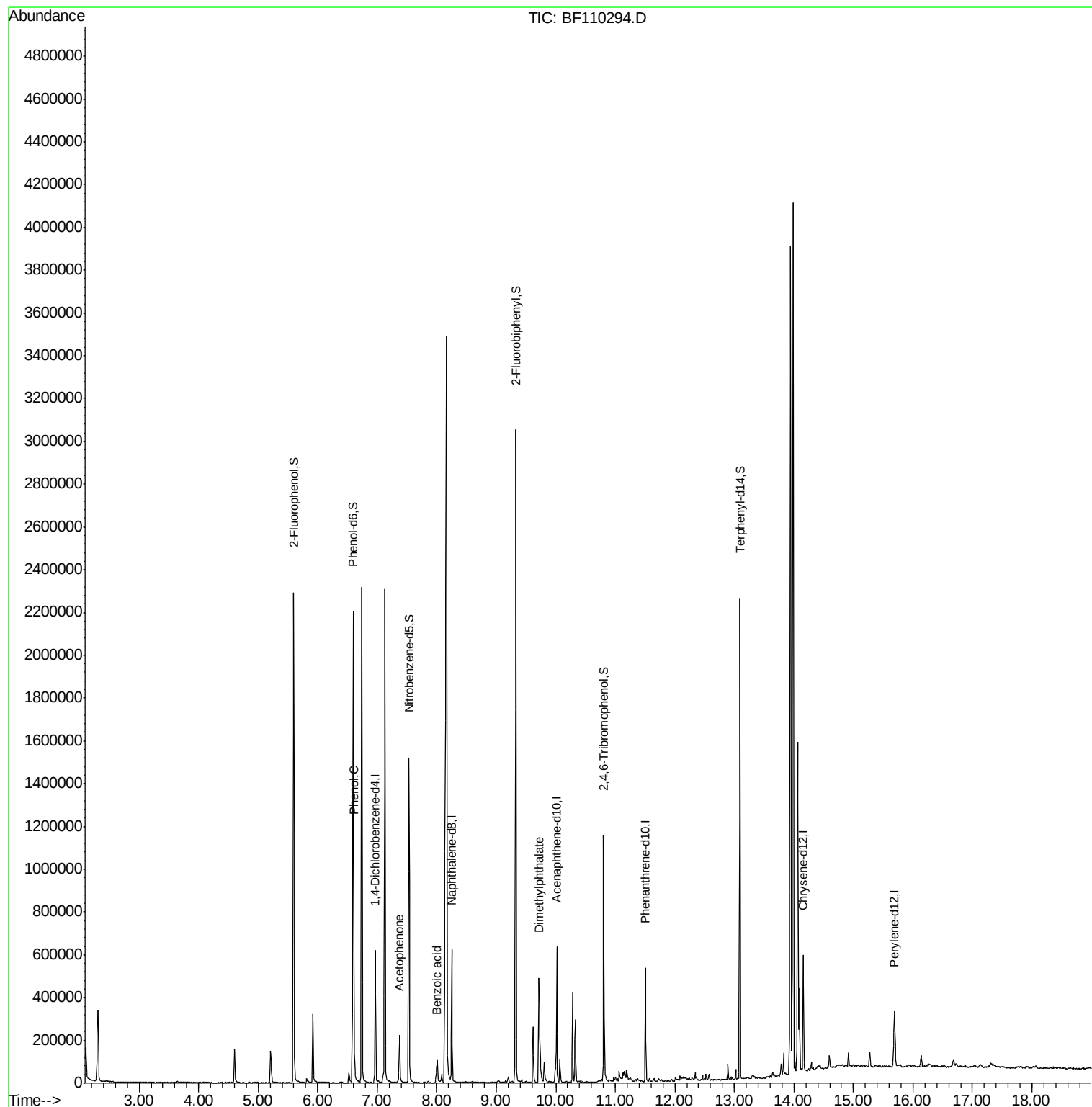
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	78165	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	292745	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	122836	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	201459	20.00	ng	0.00
76) Chrysene-d12	14.16	240	149338	20.00	ng	0.00
87) Perylene-d12	15.69	264	116406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	641649	133.68	ng	0.01
7) Phenol-d6	6.60	99	801770	130.59	ng	0.00
23) Nitrobenzene-d5	7.53	82	495469	100.39	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	139381	114.55	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	924117	118.13	ng	0.00
79) Terphenyl-d14	13.09	244	730526	101.73	ng	0.00
Target Compounds						
10) Phenol	6.61	94	28875	4.400	ng	# 70
22) Acetophenone	7.37	105	75908	11.253	ng	# 96
32) Benzoic acid	8.01	122	31541	10.151	ng	# 96
50) Dimethylphthalate	9.72	163	59742	6.589	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF110294.D

Acq: 30 Oct 2018 7:43

Instrument :

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ClientSampleId :

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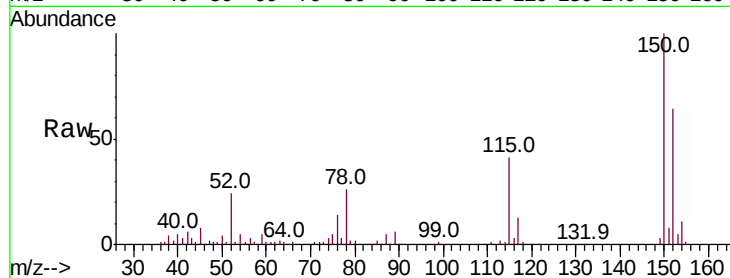
Tot Ion:152 Resp: 78165

Ion Ratio Lower Upper

152 100

150 157.0 122.7 184.1

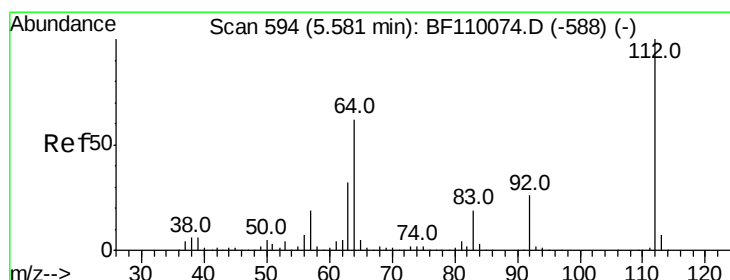
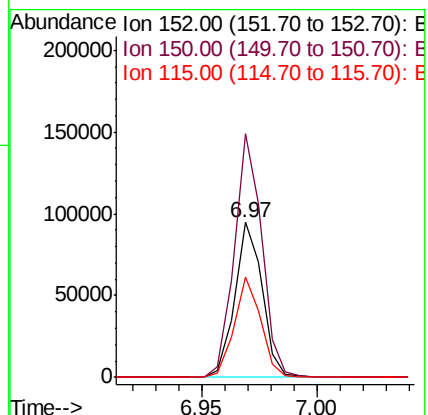
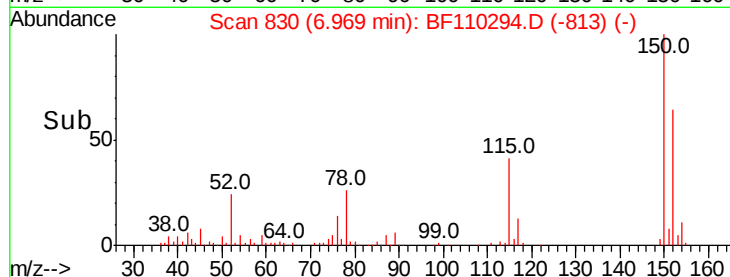
115 65.0 49.1 73.7



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: 133.678 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF110294.D

Acq: 30 Oct 2018 7:43

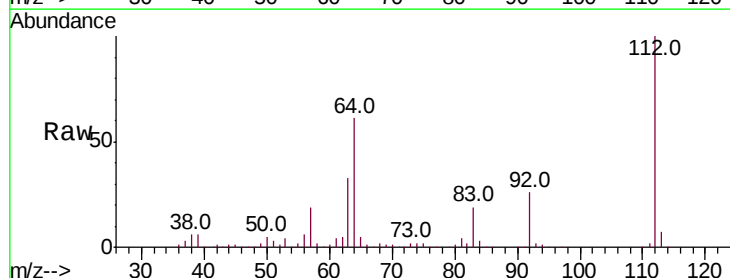
Tgt Ion:112 Resp: 641649

Ion Ratio Lower Upper

112 100

64 60.9 44.1 66.1

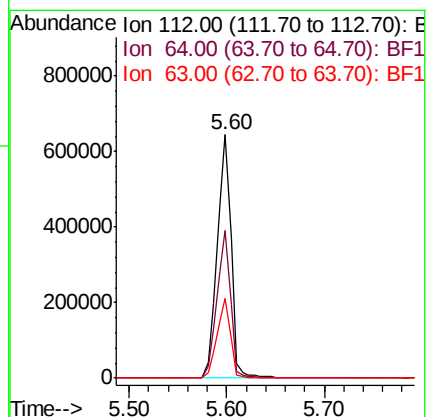
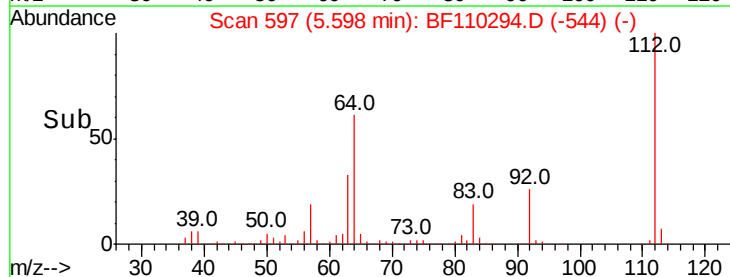
63 32.8 23.7 35.5



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: 130.592 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110294.D

Acq: 30 Oct 2018 7:43

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PIER

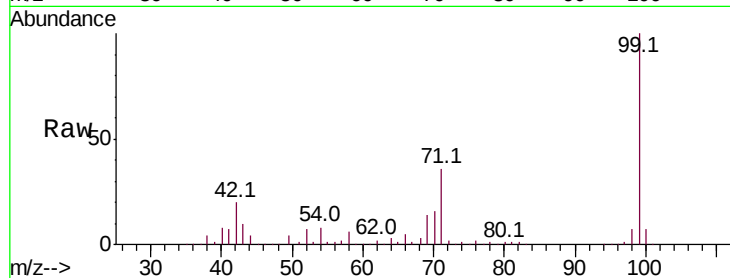
Tot Ion: 99 Resp: 801770

Ion Ratio Lower Upper

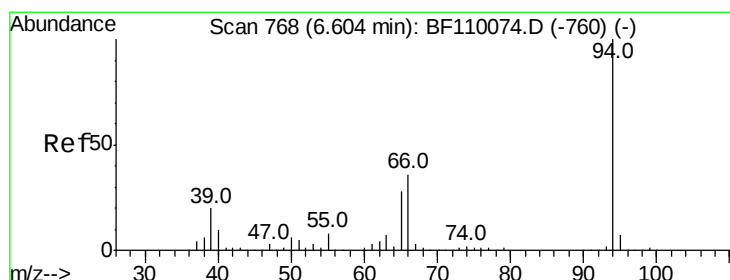
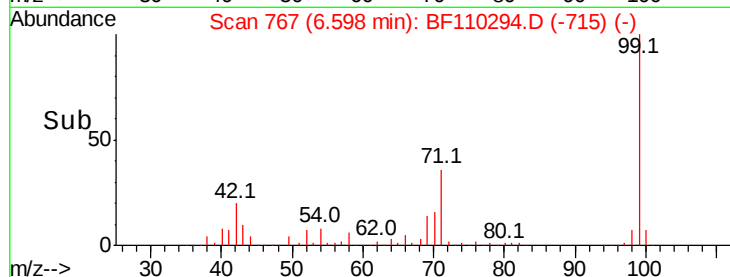
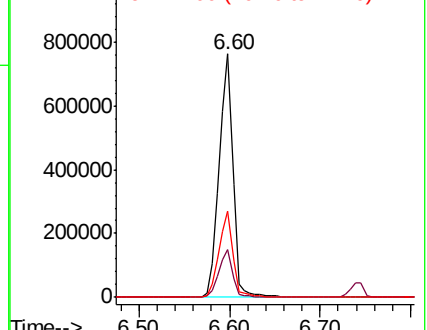
99 100

42 19.7 15.8 23.6

71 35.5 28.0 42.0



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



#10

Phenol

Concen: 4.400 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110294.D

Acq: 30 Oct 2018 7:43

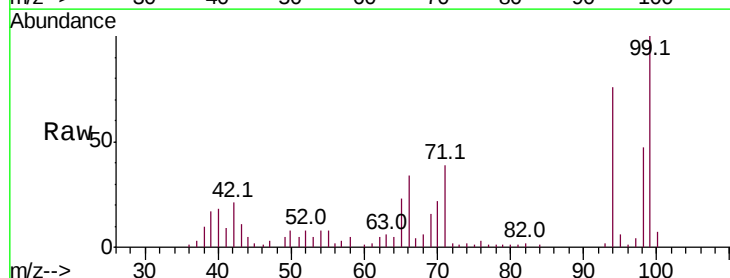
Tgt Ion: 94 Resp: 28875

Ion Ratio Lower Upper

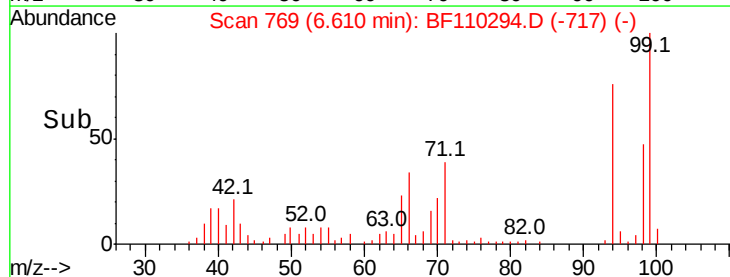
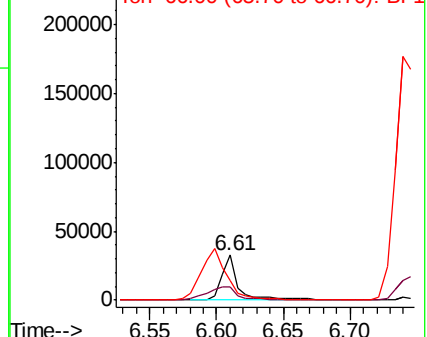
94 100

65 30.6 25.3 65.3

66 44.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

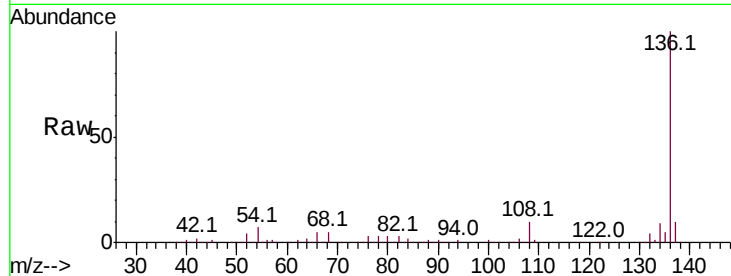




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110294.D
Acq: 30 Oct 2018 7:43

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIER

Tot Ion:	136	Resp:	292745
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.9	5.4	8.2
68	4.7	4.2	6.2



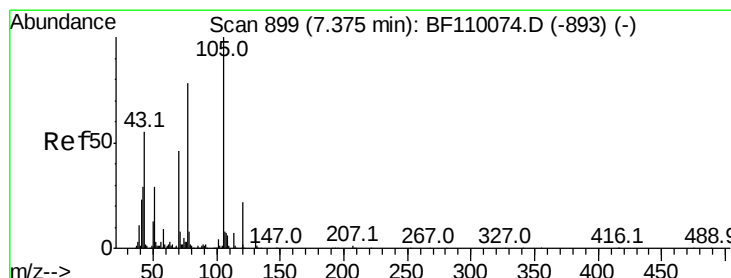
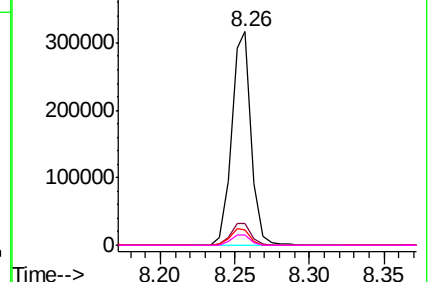
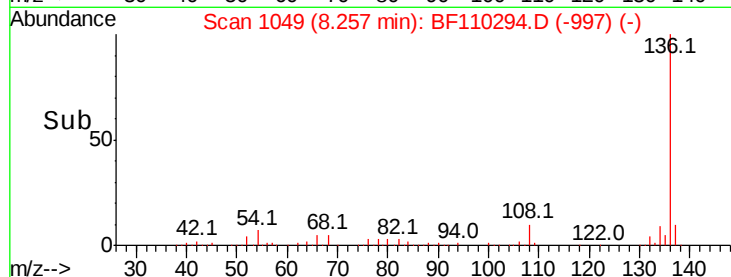
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

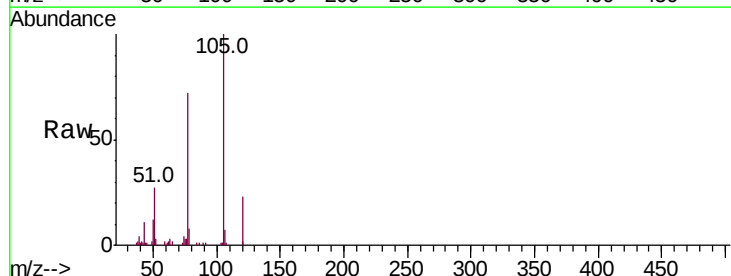
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 11.253 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF110294.D
Acq: 30 Oct 2018 7:43

Tgt Ion:	105	Resp:	75908
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.2	7.8#
51	26.6	21.8	32.8
120	22.7	17.0	25.4



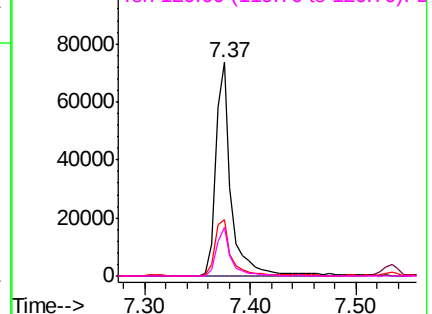
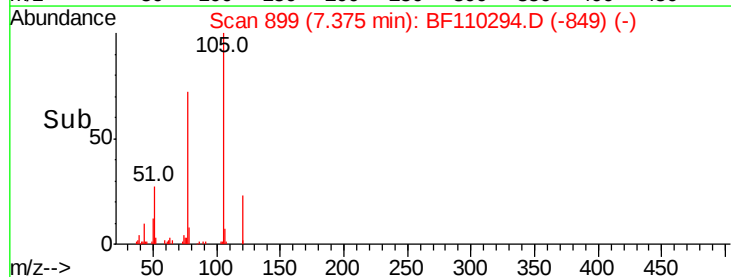
Abundance

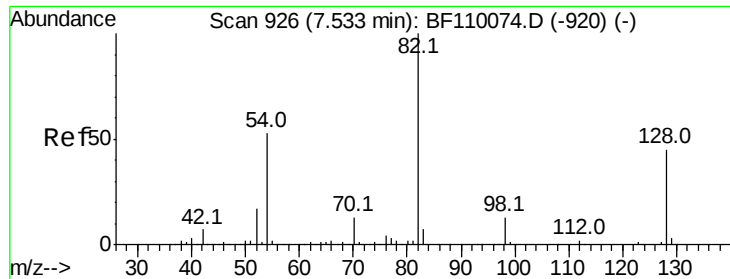
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

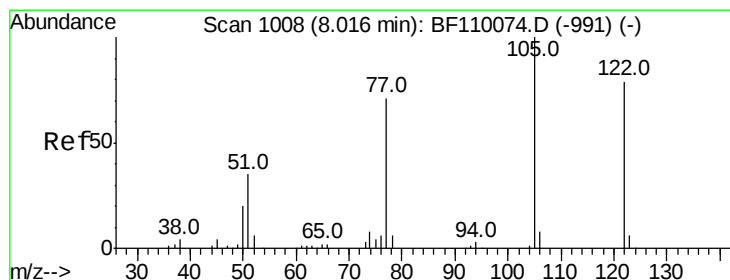
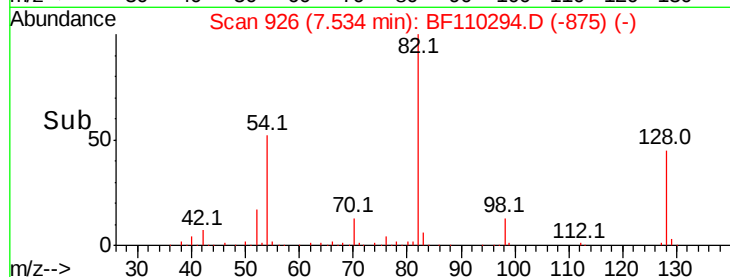
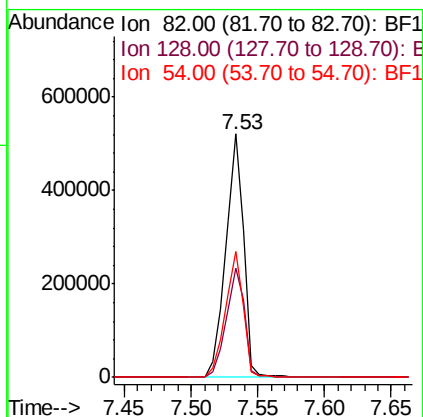
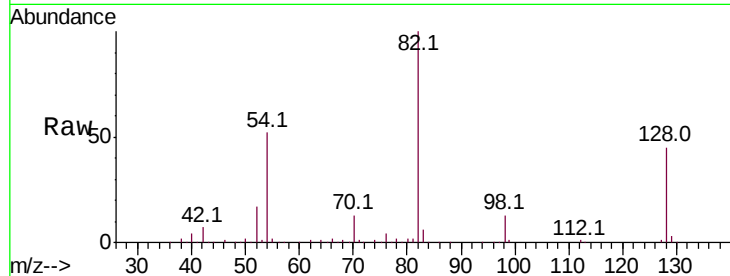




#23
 Nitrobenzene-d5
 Concen: 100.387 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110294.D
 Acq: 30 Oct 2018 7:43

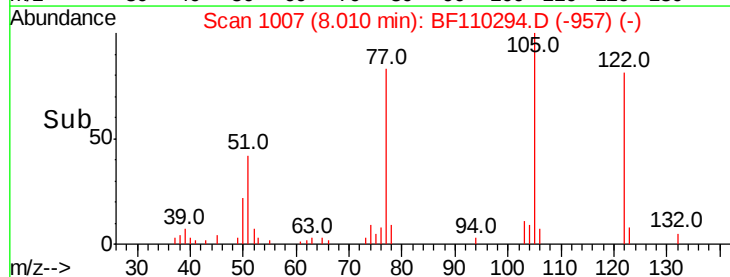
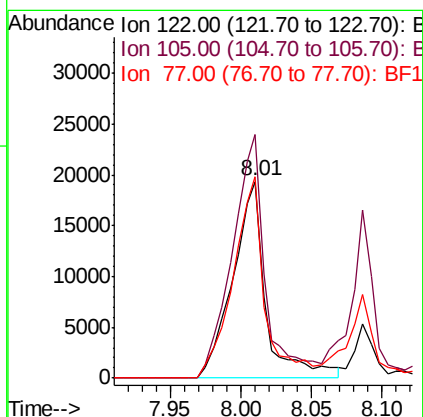
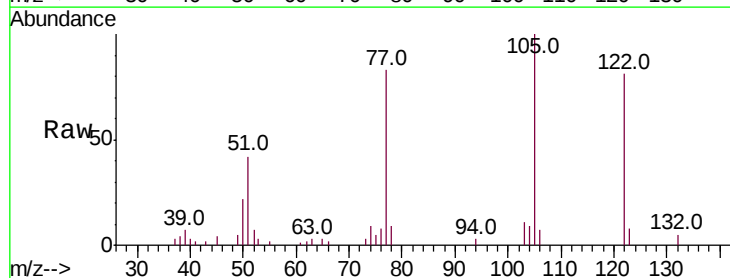
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIER

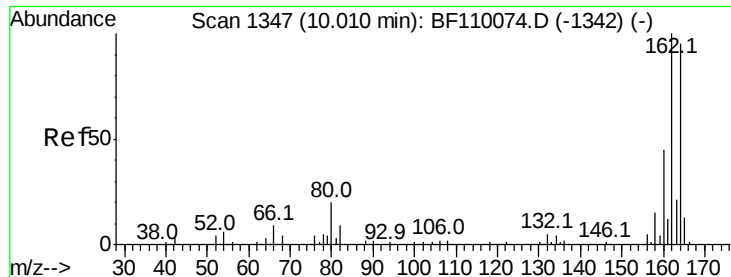
Tot Ion	82	Resp	495469
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.2	51.2
54	51.6	38.6	58.0



#32
 Benzoic acid
 Concen: 10.151 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF110294.D
 Acq: 30 Oct 2018 7:43

Tgt Ion	122	Resp	31541
Ion Ratio	Lower	Upper	
122	100		
105	124.0	109.0	149.0
77	102.3	79.0	119.0

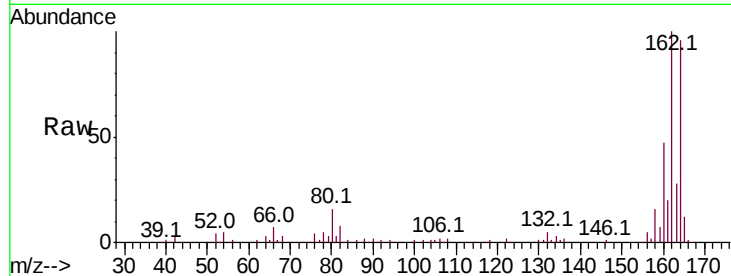




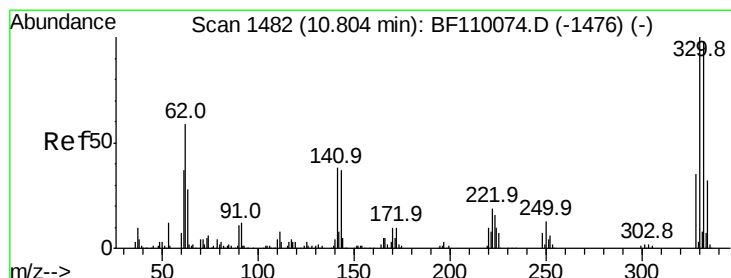
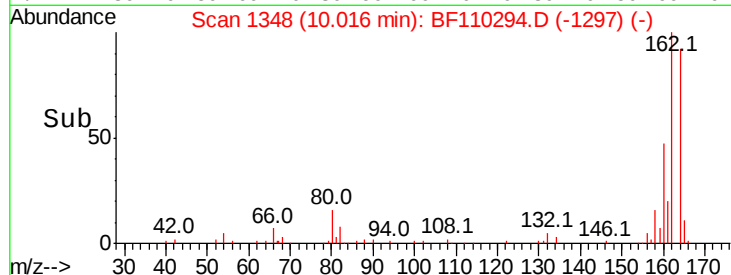
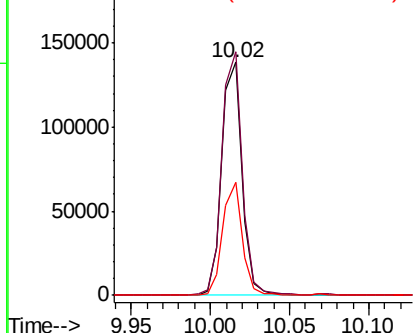
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110294.D
Acq: 30 Oct 2018 7:43

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIER

Tot Ion:164 Resp: 122836
Ion Ratio Lower Upper
164 100
162 104.4 83.0 124.6
160 48.6 37.0 55.6

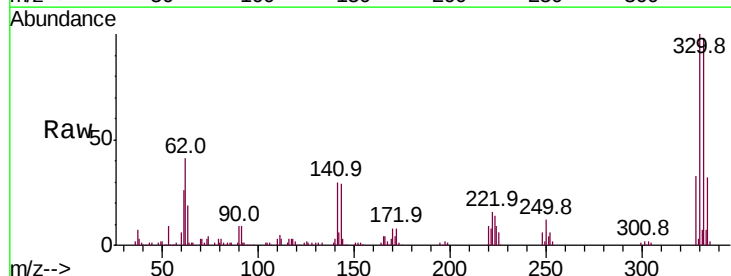


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

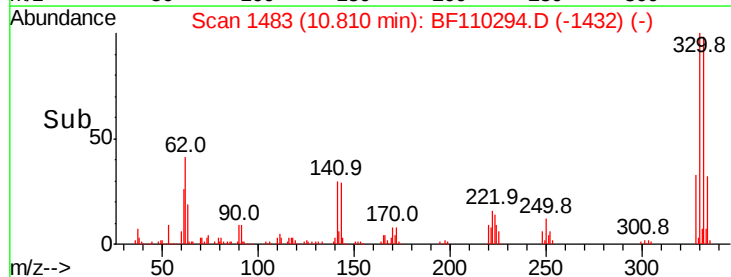
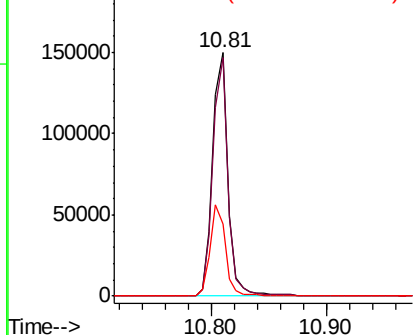


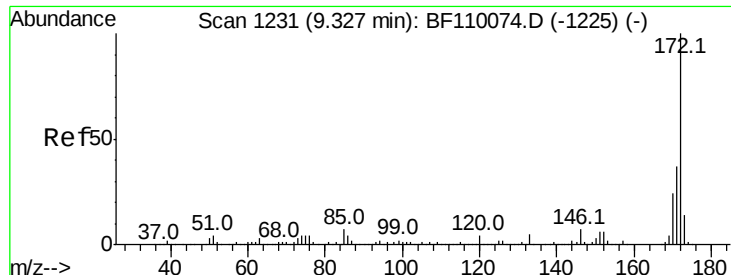
#42
2,4,6-Tribromophenol
Concen: 114.550 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF110294.D
Acq: 30 Oct 2018 7:43

Tgt Ion:330 Resp: 139381
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.5 27.0 40.4



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

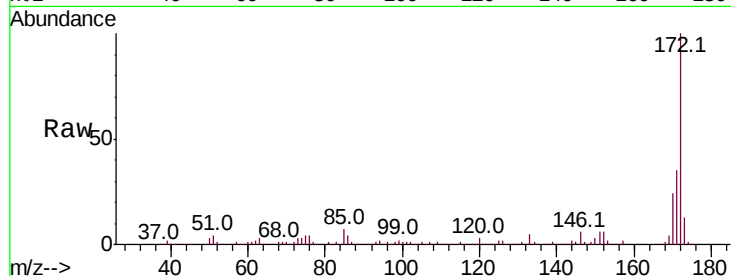




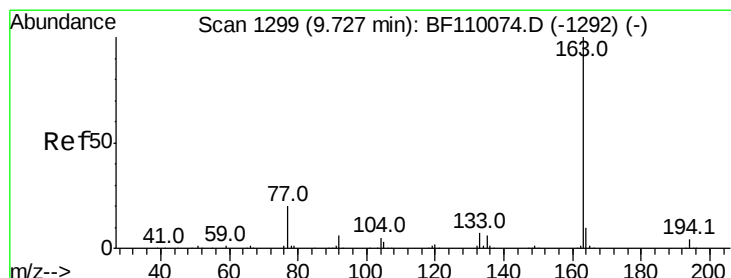
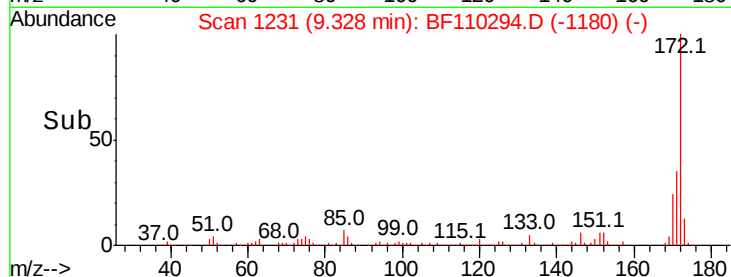
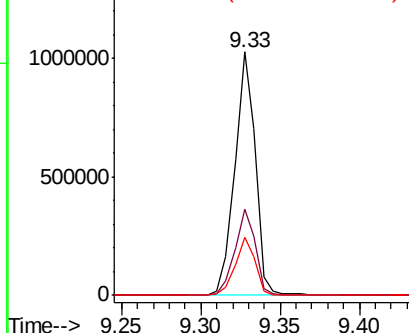
#45
2-Fluorobiphenyl
Concen: 118.133 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110294.D
Acq: 30 Oct 2018 7:43

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIER

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.7	29.5

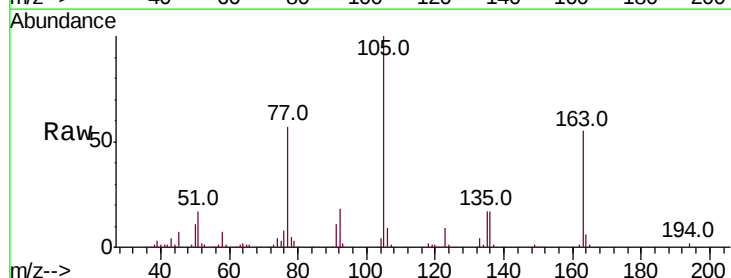


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

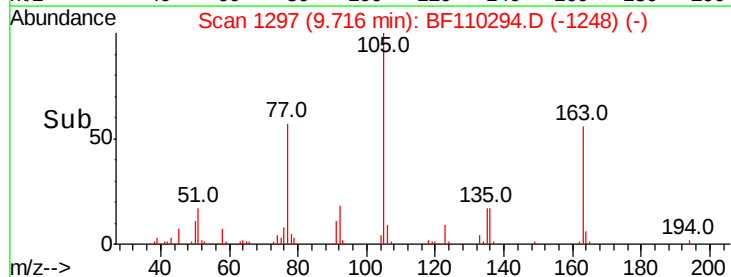
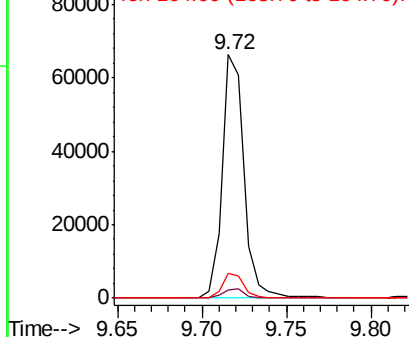


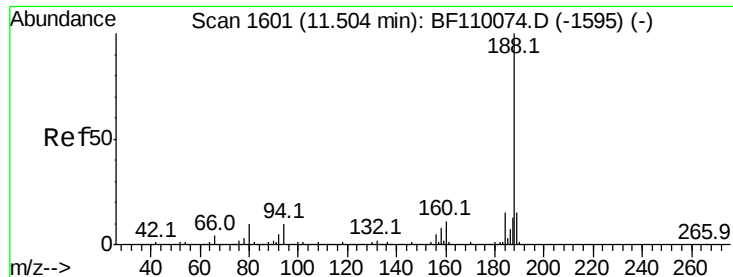
#50
Dimethylphthalate
Concen: 6.589 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110294.D
Acq: 30 Oct 2018 7:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.2	4.8#
164	9.9	8.1	12.1



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: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110294.D

Acq: 30 Oct 2018 7:43

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PIER

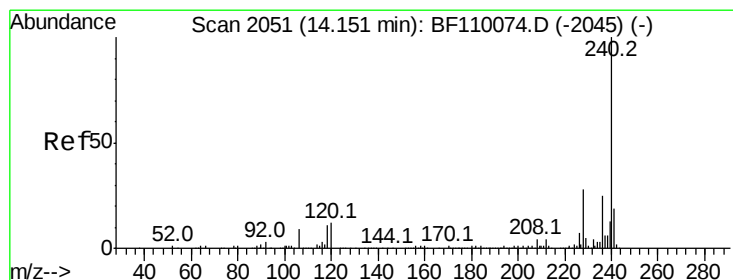
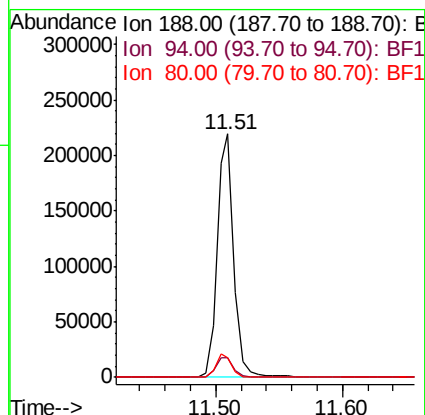
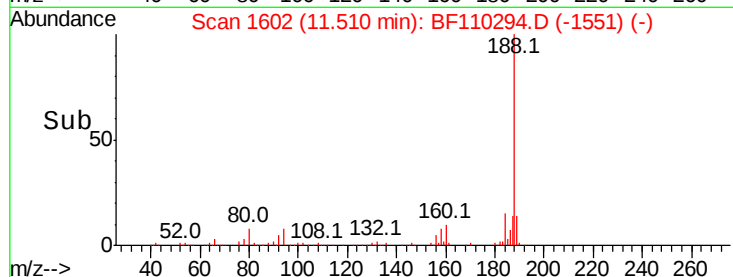
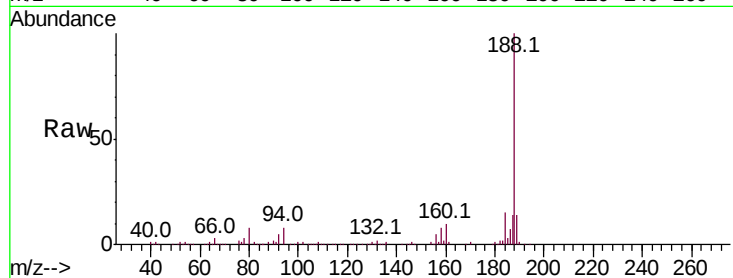
Tot Ion:188 Resp: 201459

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

80 8.2 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF110294.D

Acq: 30 Oct 2018 7:43

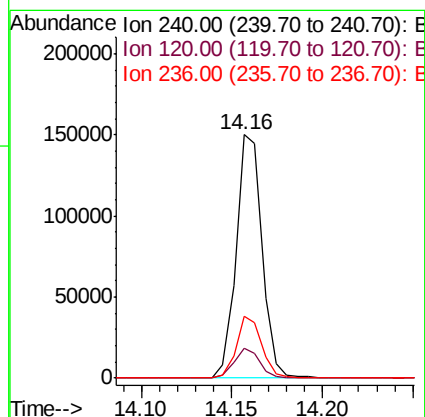
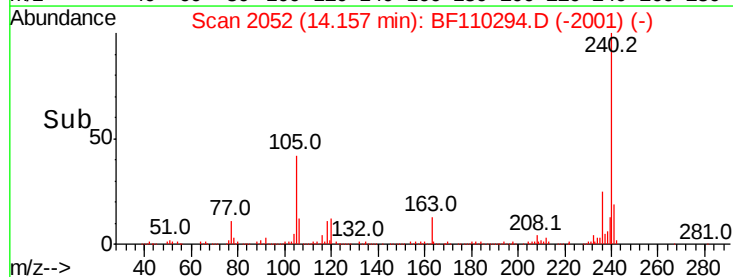
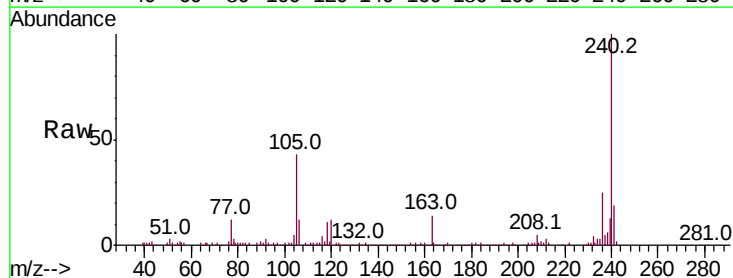
Tgt Ion:240 Resp: 149338

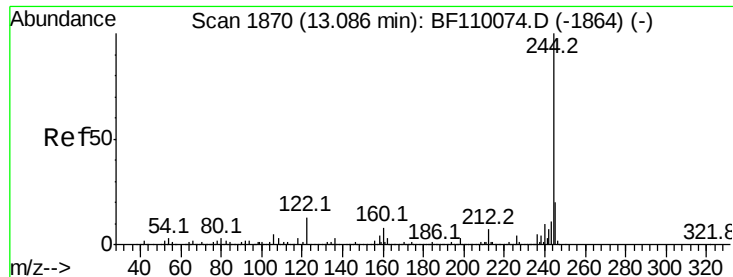
Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 101.735 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110294.D

Acq: 30 Oct 2018 7:43

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PIER

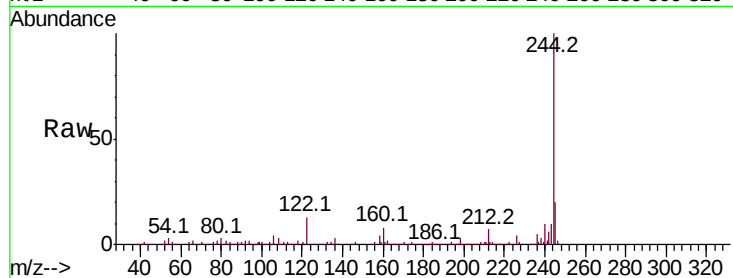
Tot Ion:244 Resp: 730526

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

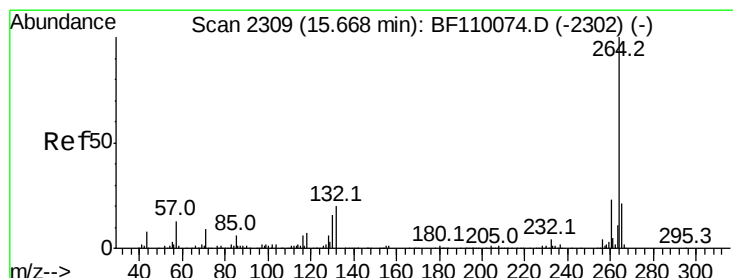
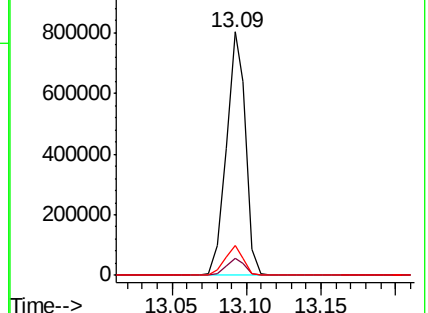
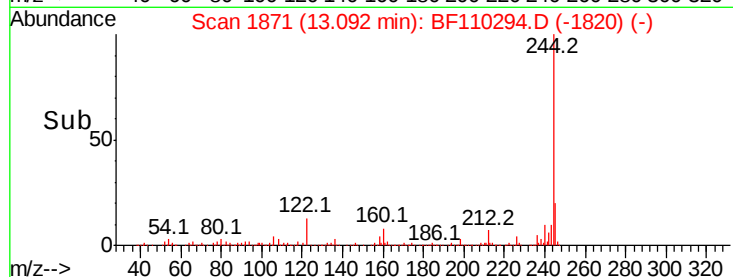
122 12.5 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF110294.D

Acq: 30 Oct 2018 7:43

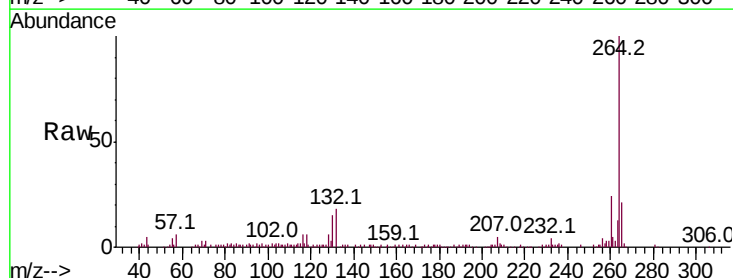
Tgt Ion:264 Resp: 116406

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 20.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

