

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114336.D
 Acq On : 17 May 2019 4:08
 Operator : JU/SJ
 Sample : K2867-23
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-L

Quant Time: May 17 08:13:39 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

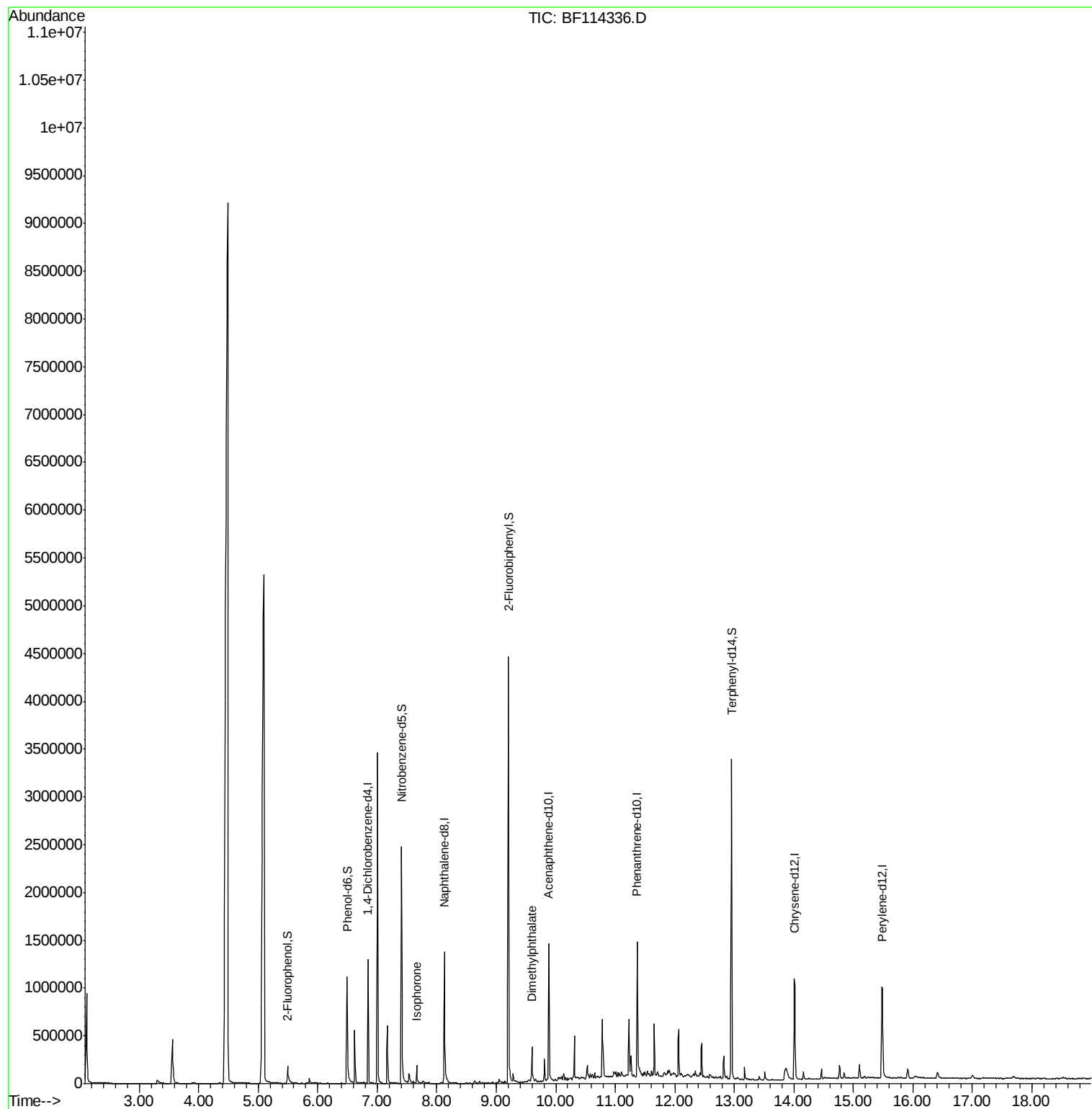
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	191545	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	731866	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	313409	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	549512	20.00	ng	0.00
76) Chrysene-d12	14.01	240	403422	20.00	ng	-0.01
87) Perylene-d12	15.49	264	470358	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	83770	7.04	ng	0.01
7) Phenol-d6	6.49	99	501417	35.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	786939	60.34	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	2202	0.68	ng	0.01
45) 2-Fluorobiphenyl	9.20	172	1415089	68.30	ng	0.00
79) Terphenyl-d14	12.95	244	1140359	58.27	ng	0.00
Target Compounds						
25) Isophorone	7.66	82	83491	3.452	ng	97
50) Dimethylphthalate	9.60	163	166247	7.226	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: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114336.D

Acq: 17 May 2019 4:08

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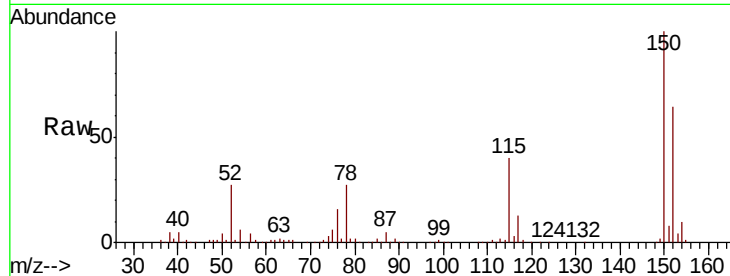
Tot Ion:152 Resp: 191545

Ion Ratio Lower Upper

152 100

150 156.5 124.3 186.5

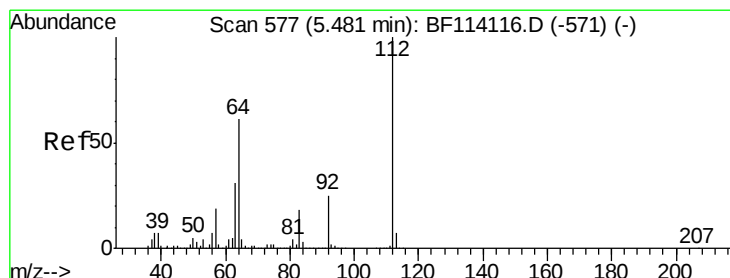
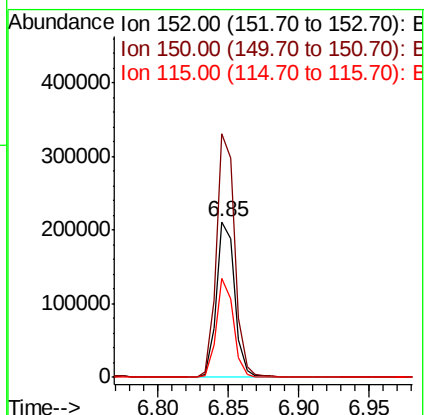
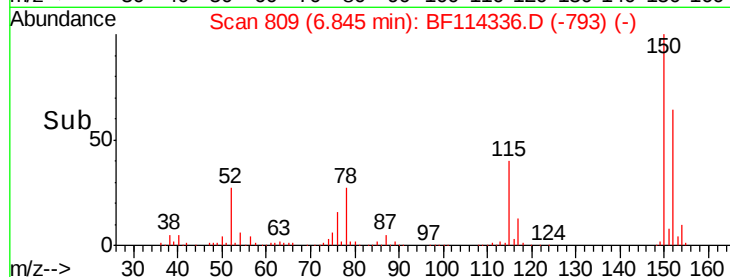
115 63.3 49.1 73.7



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: 7.038 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114336.D

Acq: 17 May 2019 4:08

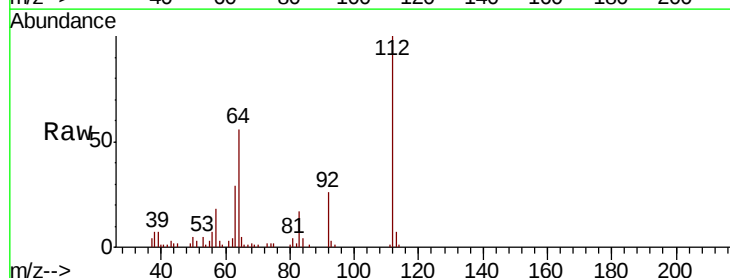
Tgt Ion:112 Resp: 83770

Ion Ratio Lower Upper

112 100

64 56.4 49.0 73.6

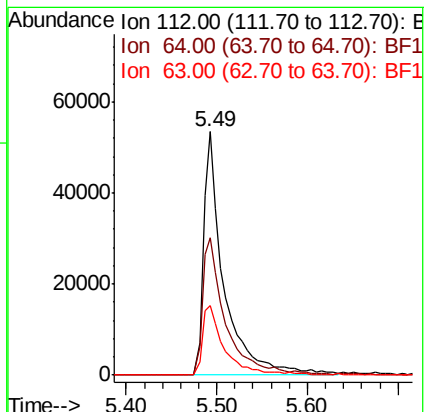
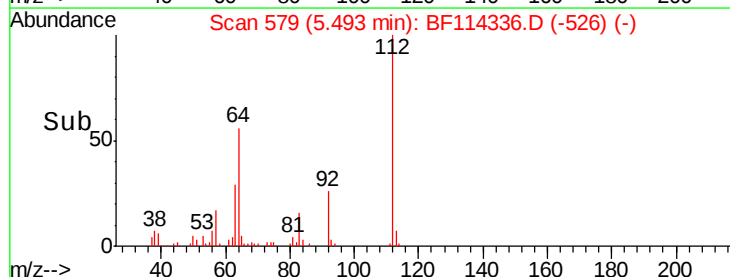
63 28.7 24.6 37.0



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: 35.618 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114336.D

Acq: 17 May 2019 4:08

Instrument :

BNA_F

ClientSampleId :

CONCRETE-L

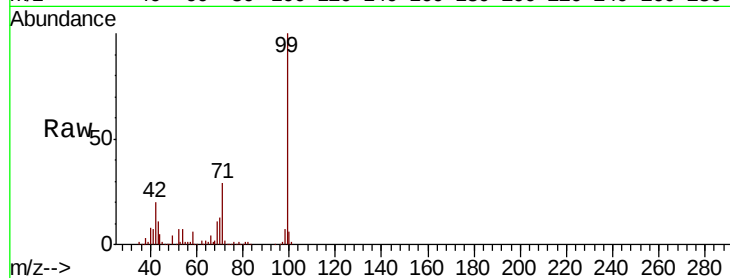
Tot Ion: 99 Resp: 501417

Ion Ratio Lower Upper

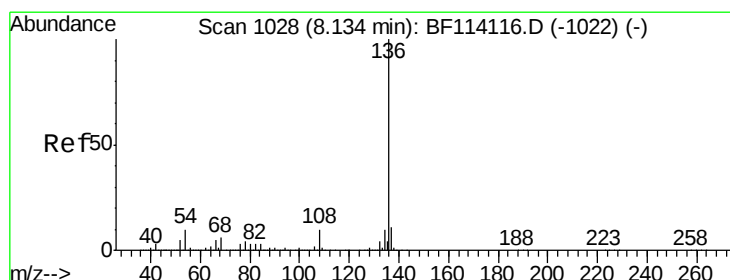
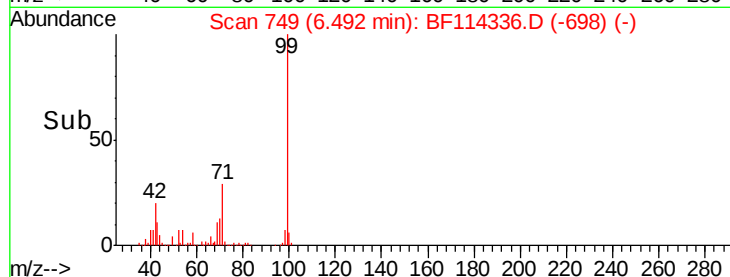
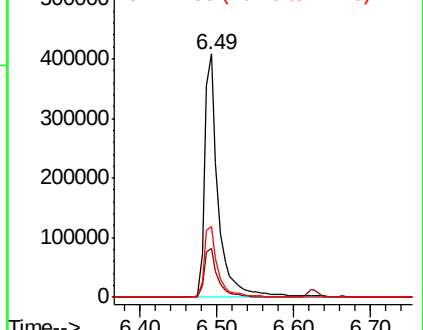
99 100

42 20.1 17.9 26.9

71 29.3 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: BF114336.D

Acq: 17 May 2019 4:08

Tgt Ion: 136 Resp: 731866

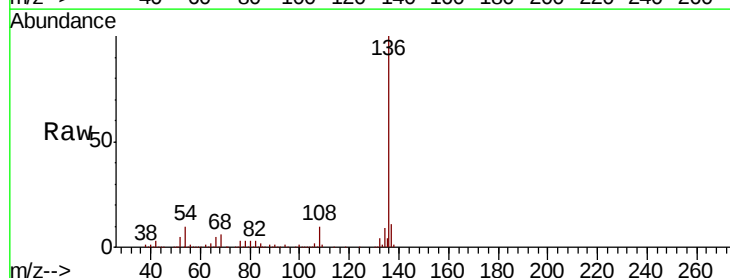
Ion Ratio Lower Upper

136 100

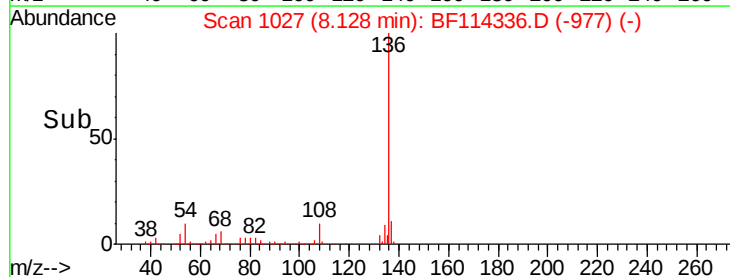
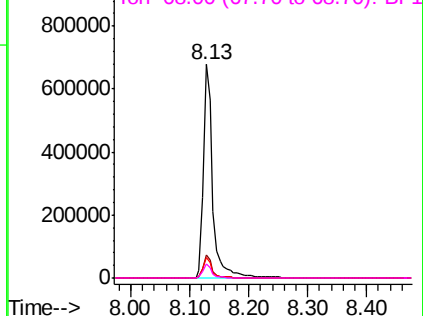
137 11.0 8.8 13.2

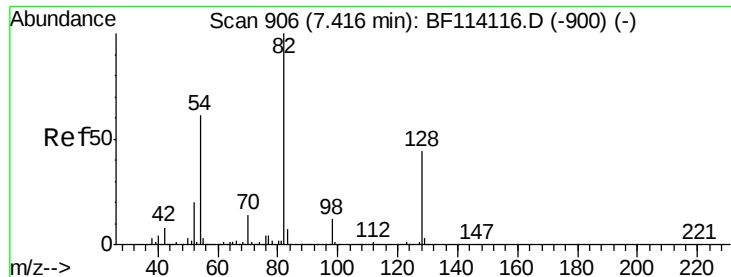
54 9.8 7.8 11.8

68 6.4 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

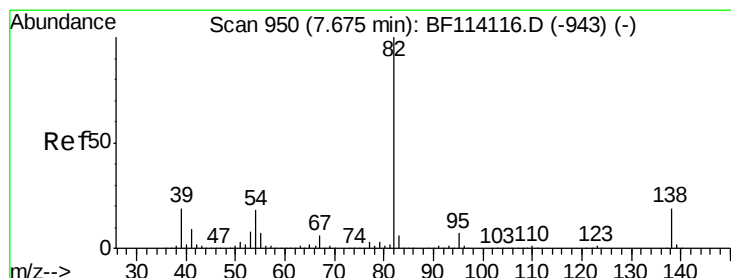
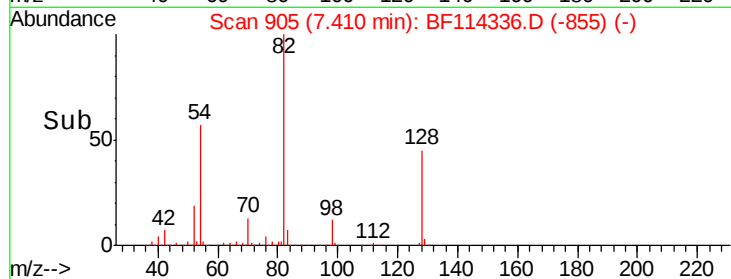
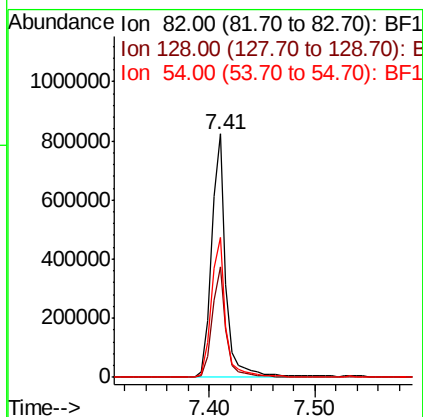
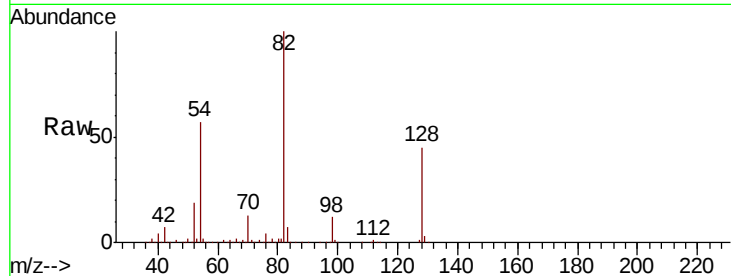




#23
Nitrobenzene-d5
Concen: 60.343 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114336.D
Acq: 17 May 2019 4:08

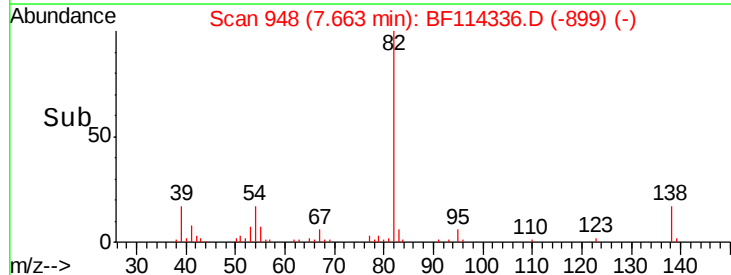
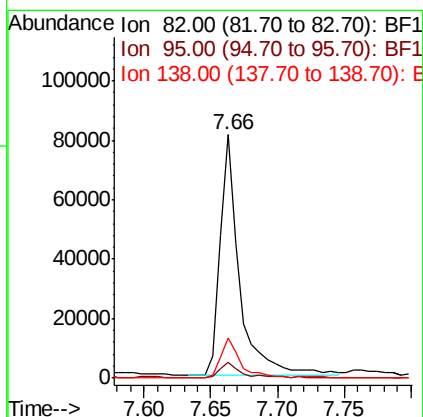
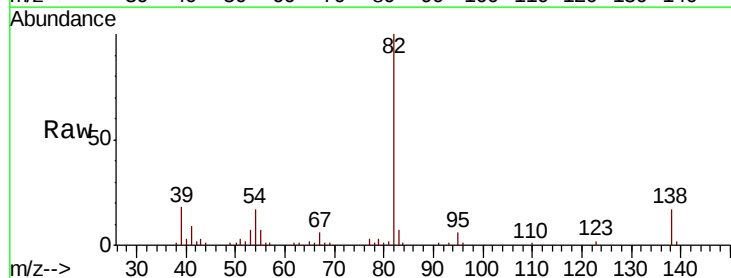
Instrument :
BNA_F
ClientSampleId :
CONCRETE-L

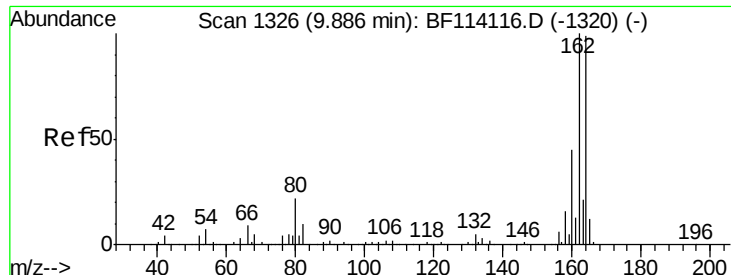
Tot Ion	82	Resp	786939
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.5	53.3
54	57.4	48.5	72.7



#25
Isophorone
Concen: 3.452 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF114336.D
Acq: 17 May 2019 4:08

Tgt Ion	82	Resp	83491
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	16.7	14.8	22.2

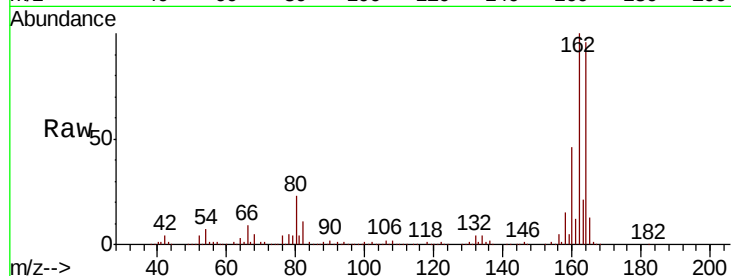




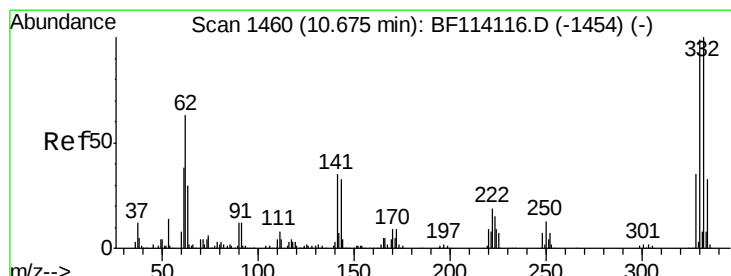
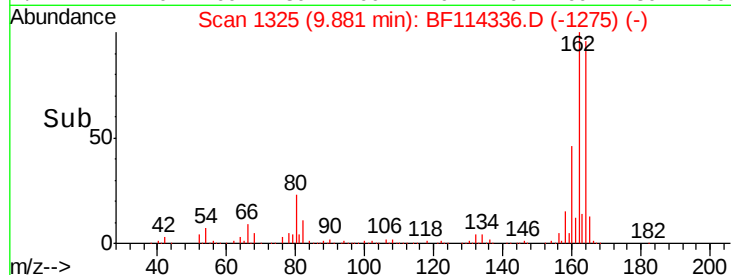
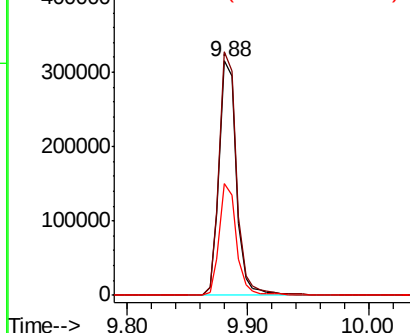
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114336.D
Acq: 17 May 2019 4:08

Instrument :
BNA_F
ClientSampleId :
CONCRETE-L

Tot Ion:164 Resp: 313409
Ion Ratio Lower Upper
164 100
162 103.9 80.6 120.8
160 47.6 36.5 54.7

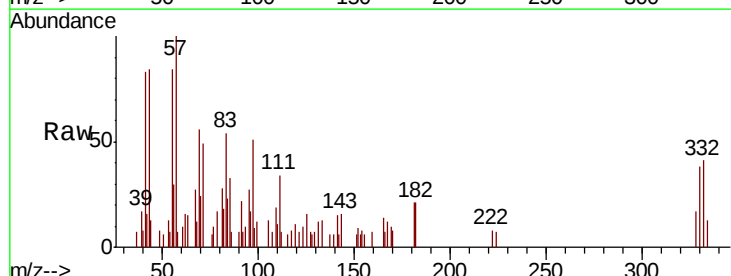


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

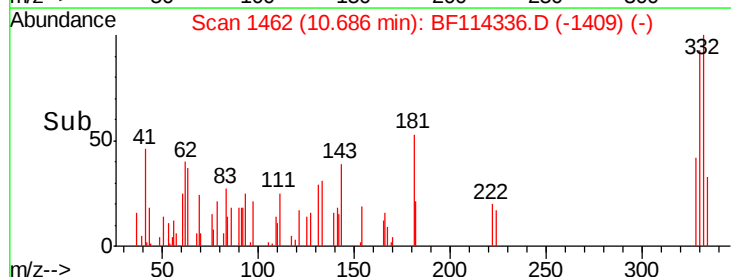
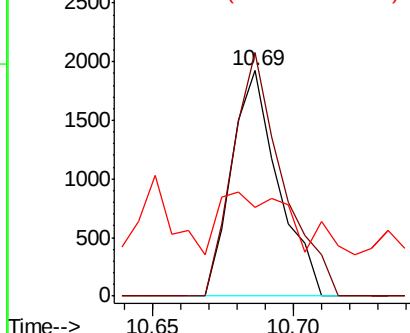


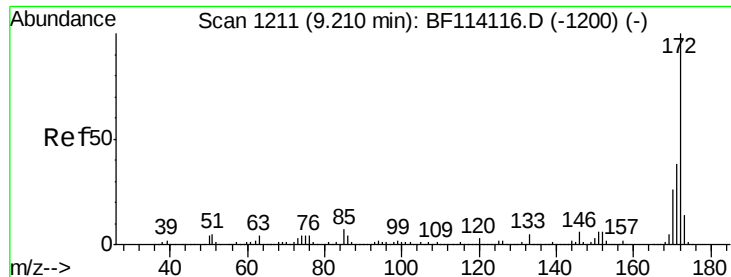
#42
2,4,6-Tribromophenol
Concen: 0.680 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114336.D
Acq: 17 May 2019 4:08

Tgt Ion:330 Resp: 2202
Ion Ratio Lower Upper
330 100
332 115.5 81.4 122.2
141 44.6 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

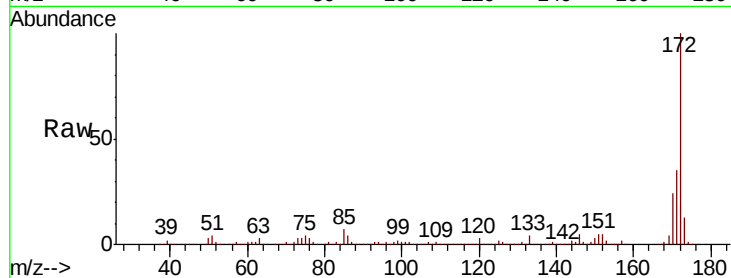




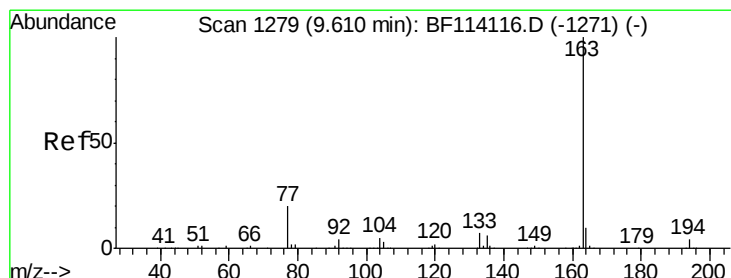
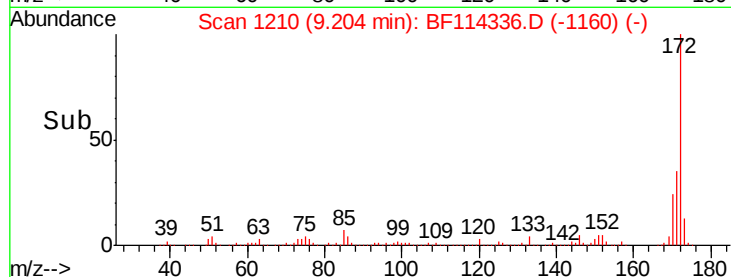
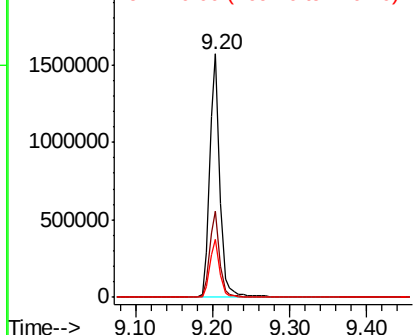
#45
2-Fluorobiphenyl
Concen: 68.299 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114336.D
Acq: 17 May 2019 4:08

Instrument :
BNA_F
ClientSampleId :
CONCRETE-L

Tot Ion:172 Resp: 1415089
Ion Ratio Lower Upper
172 100
171 35.4 30.7 46.1
170 23.7 20.5 30.7

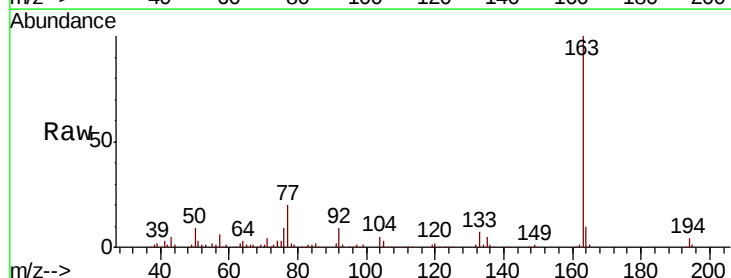


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

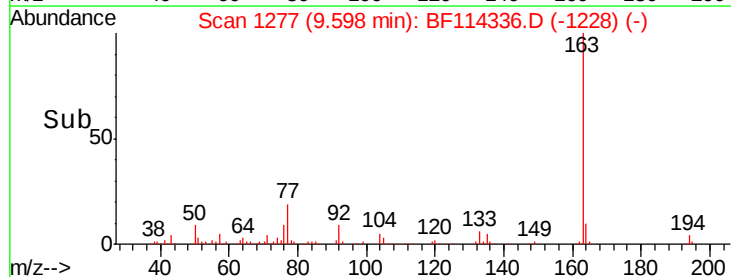
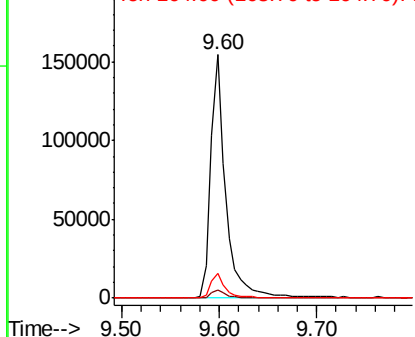


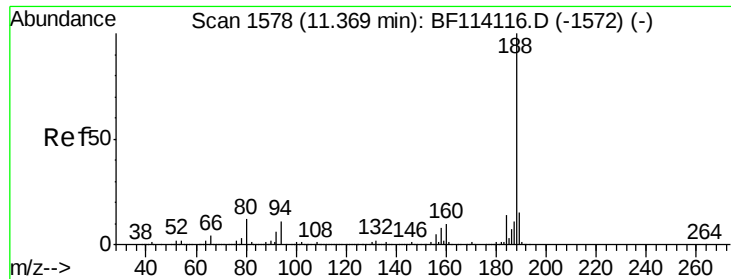
#50
Dimethylphthalate
Concen: 7.226 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114336.D
Acq: 17 May 2019 4:08

Tgt Ion:163 Resp: 166247
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 9.9 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

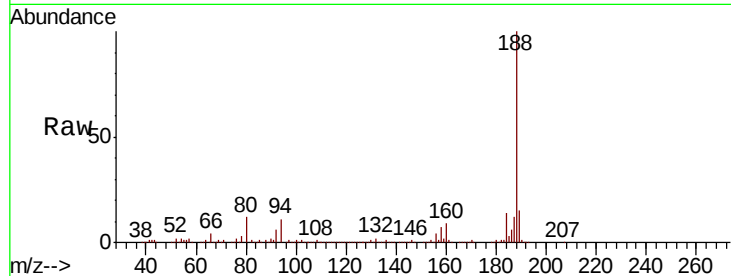




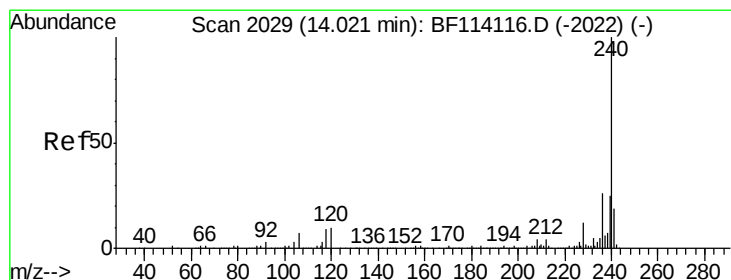
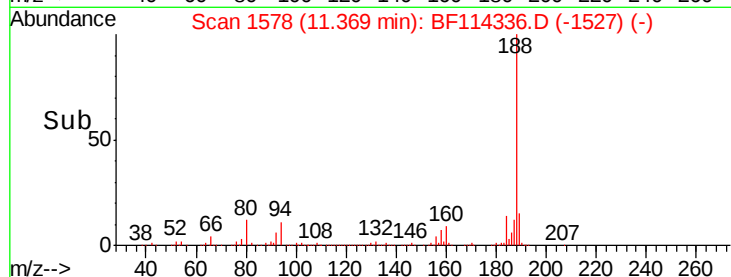
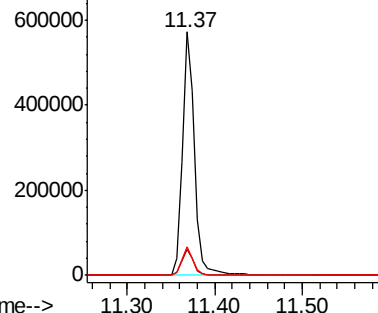
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114336.D
Acq: 17 May 2019 4:08

Instrument :
BNA_F
ClientSampleId :
CONCRETE-L

Tot Ion:188 Resp: 549512
Ion Ratio Lower Upper
188 100
94 10.8 8.4 12.6
80 11.7 9.2 13.8

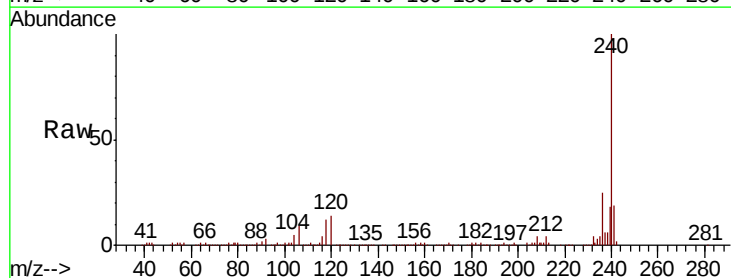


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

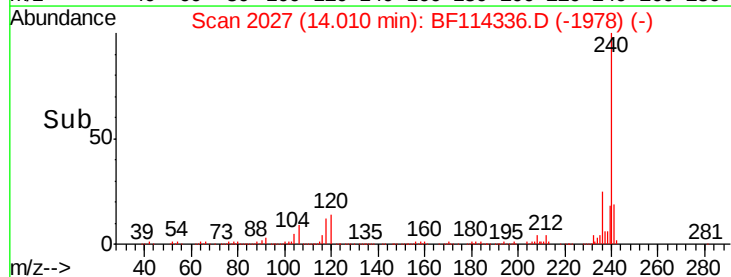
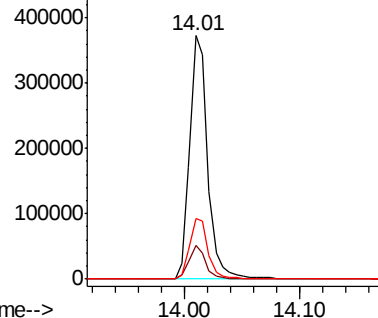


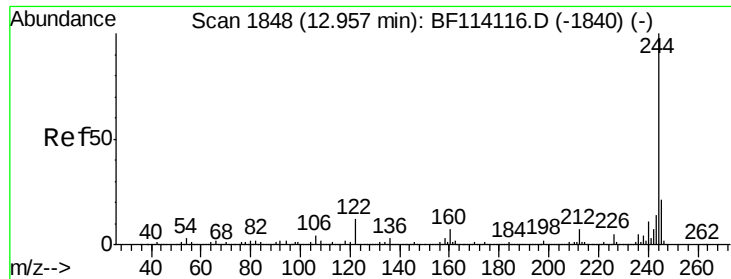
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114336.D
Acq: 17 May 2019 4:08

Tgt Ion:240 Resp: 403422
Ion Ratio Lower Upper
240 100
120 13.6 8.3 12.5#
236 25.0 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: 58.271 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114336.D

Acq: 17 May 2019 4:08

Instrument :

BNA_F

ClientSampleId :

CONCRETE-L

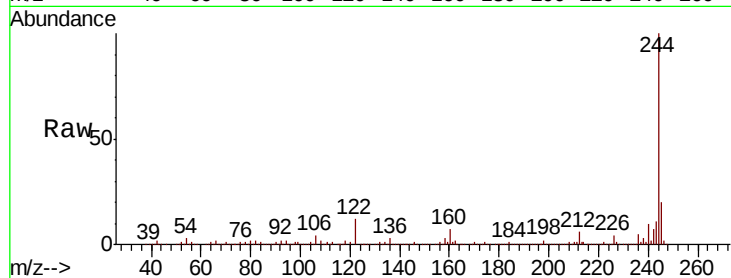
Tot Ion:244 Resp: 1140359

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.6

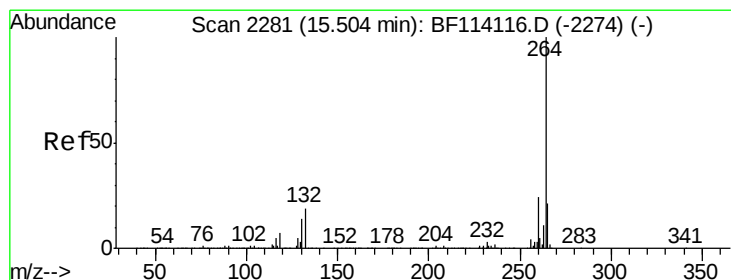
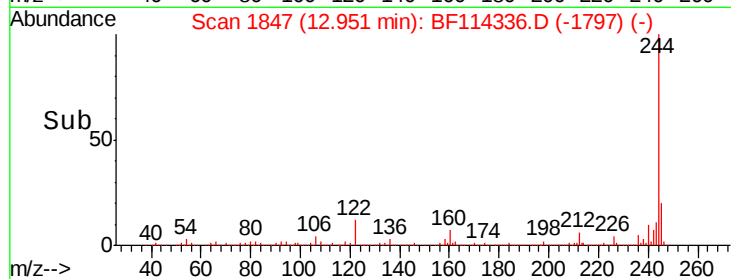
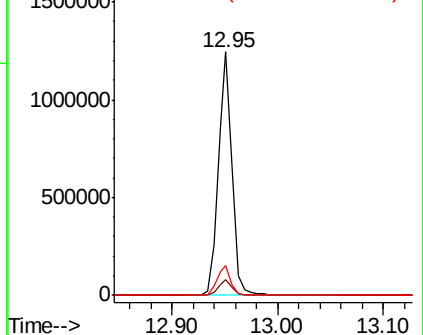
122 12.0 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114336.D

Acq: 17 May 2019 4:08

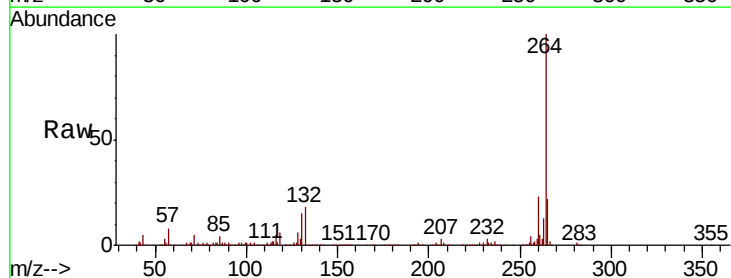
Tgt Ion:264 Resp: 470358

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.8 16.9 25.3



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

