

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114544.D
 Acq On : 24 May 2019 00:40
 Operator : JU/SJ
 Sample : K2753-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Quant Time: May 24 08:10:24 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

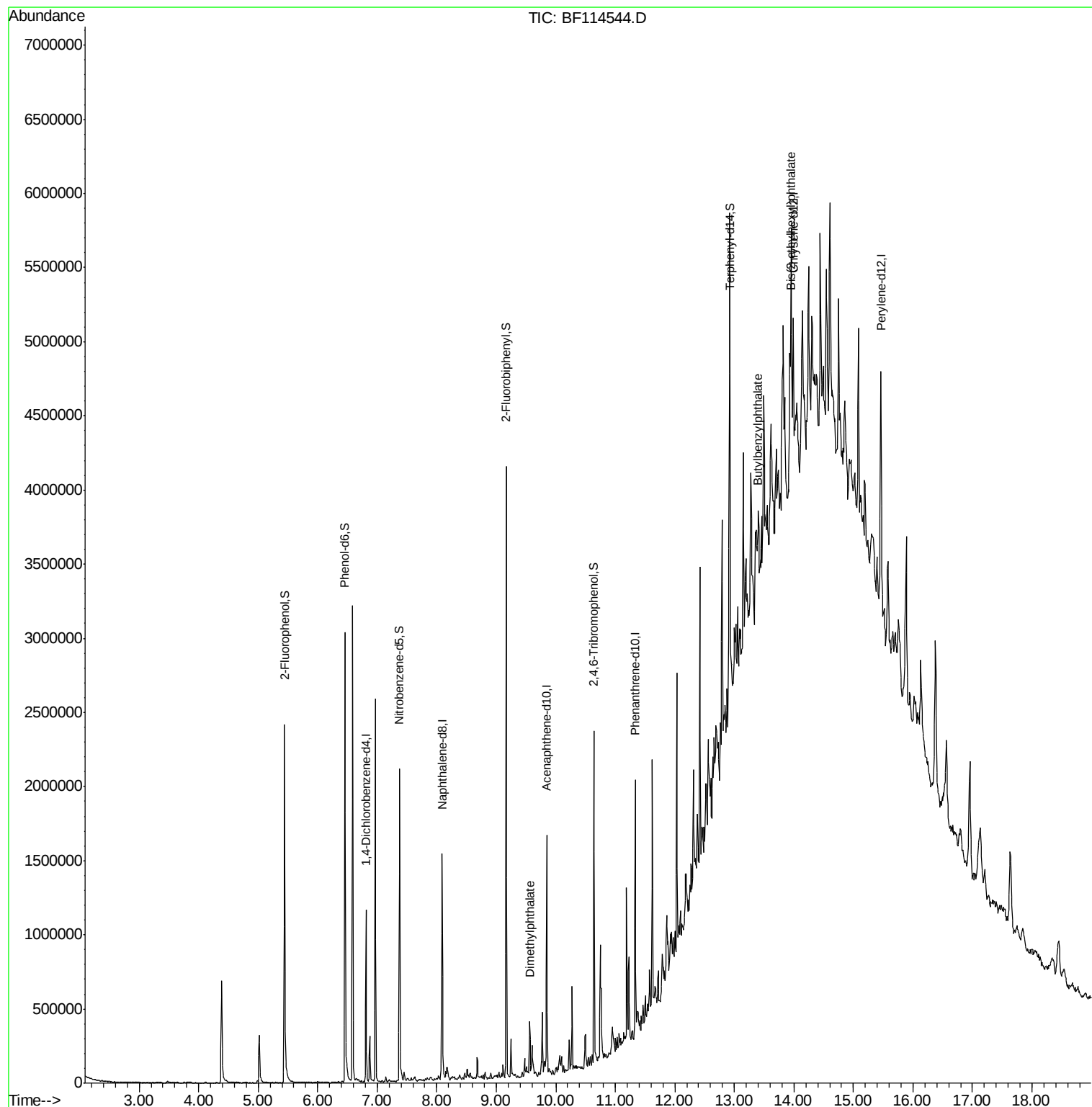
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	164515	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	649213	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	318971	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	634024	20.00	ng	0.00
76) Chrysene-d12	13.99	240	340734	20.00	ng	0.00
87) Perylene-d12	15.47	264	378807	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	744352	72.81	ng	0.00
7) Phenol-d6	6.46	99	1022758	84.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	616152	53.26	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	254207	77.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1174201	55.68	ng	0.00
79) Terphenyl-d14	12.92	244	1036618	62.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	98079	4.189	ng	99
80) Butylbenzylphthalate	13.39	149	50009	4.335	ng	90
84) Bis(2-ethylhexyl)phthalate	13.96	149	488773	32.392	ng	99

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

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Quant Time: May 24 08:10:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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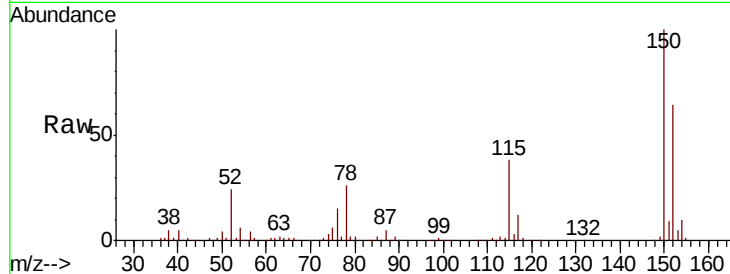


#1

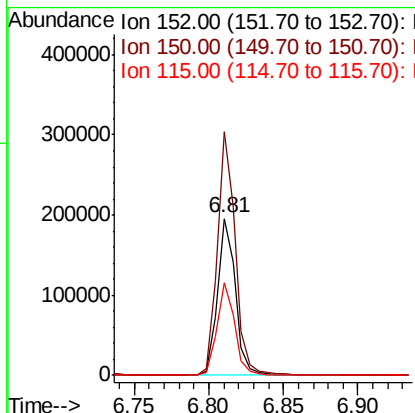
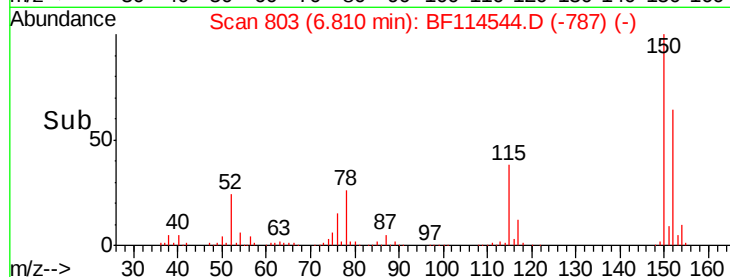
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tot Ion:152 Resp: 164515
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 59.2 49.1 73.7



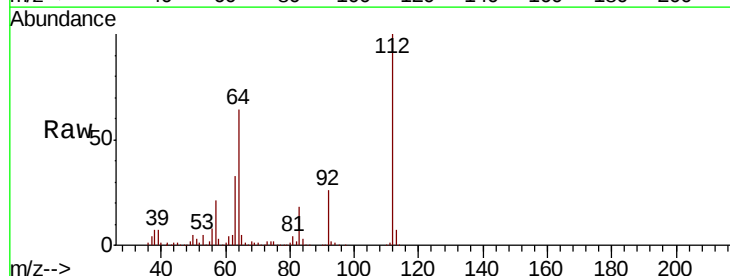
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



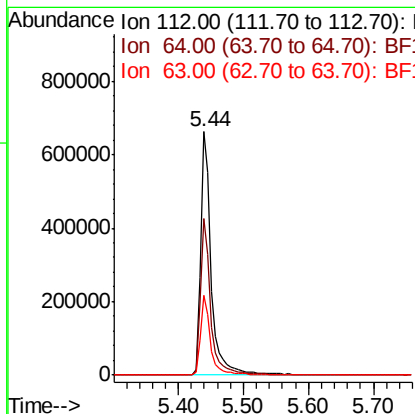
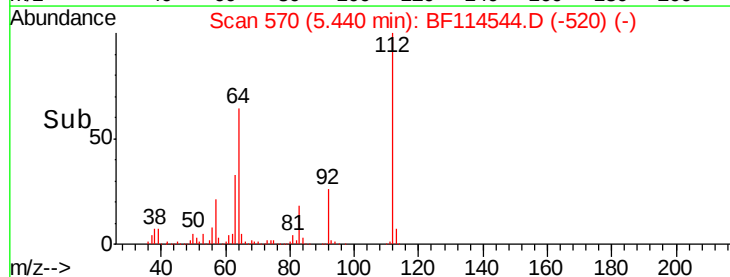
#5

2-Fluorophenol
Concen: 72.811 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

Tgt Ion:112 Resp: 744352
Ion Ratio Lower Upper
112 100
64 64.1 49.0 73.6
63 32.7 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: 84.588 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

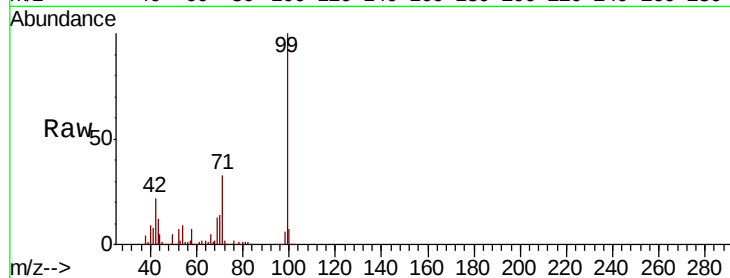
Tot Ion: 99 Resp: 1022758

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

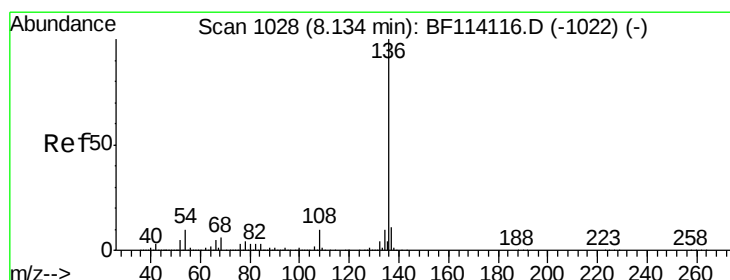
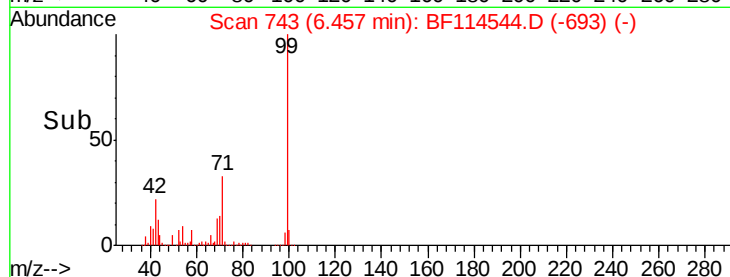
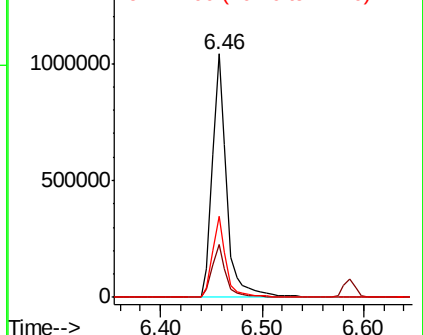
71 33.1 26.2 39.2



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Tgt Ion: 136 Resp: 649213

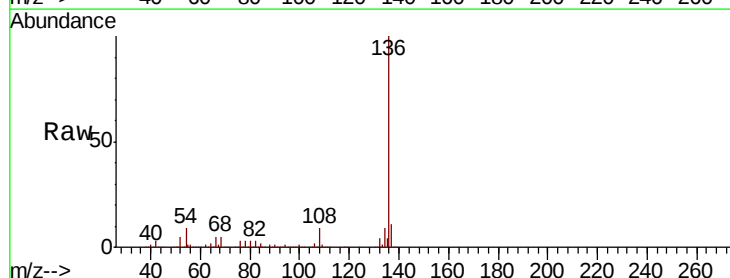
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.9 7.8 11.8

68 5.2 5.1 7.7

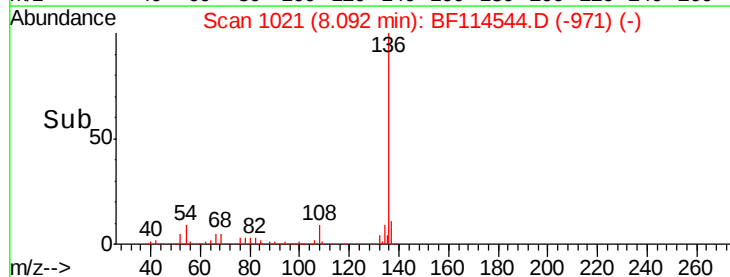
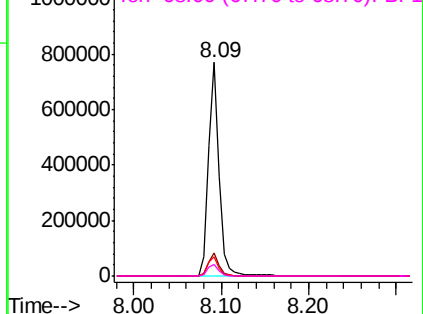


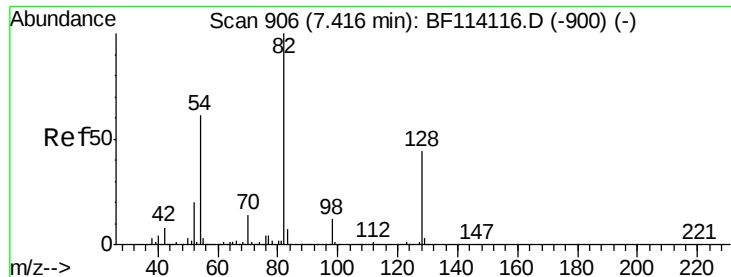
Abundance Ion 136.00 (135.70 to 136.70): E

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

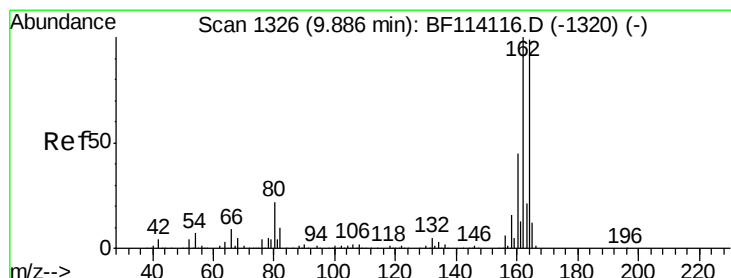
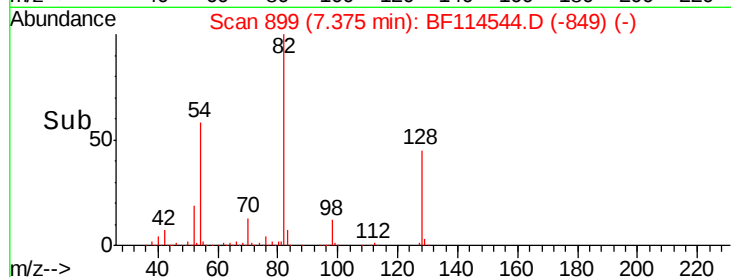
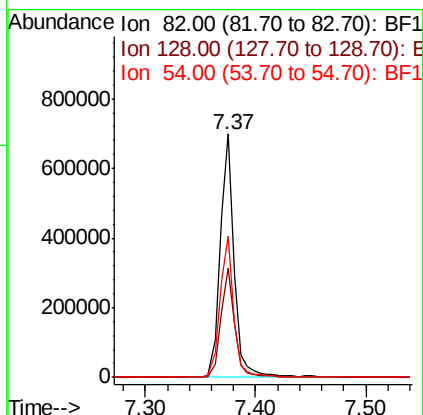
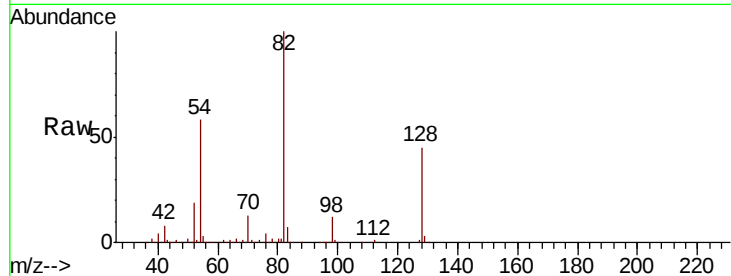




#23
Nitrobenzene-d5
Concen: 53.262 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

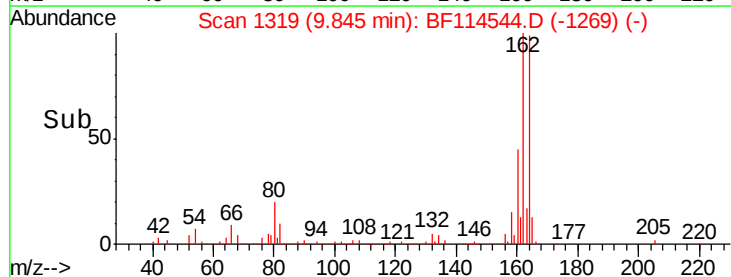
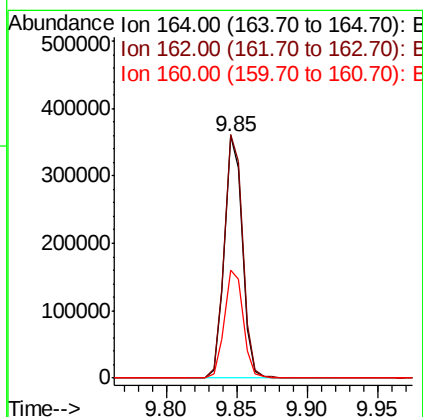
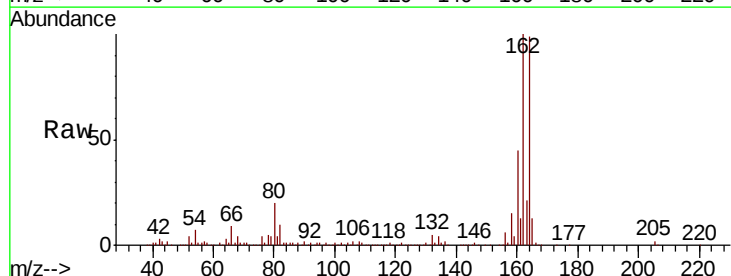
Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

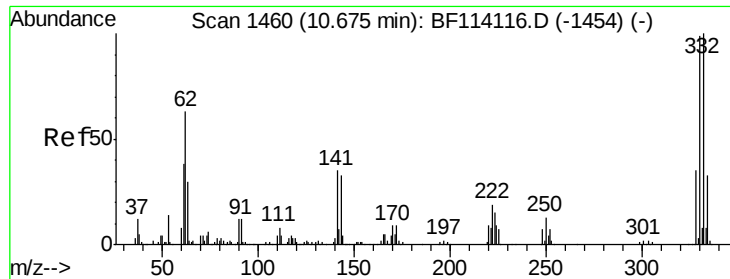
Tot Ion	82	Resp	616152
Ion Ratio	Lower	Upper	
82	100		
128	44.8	35.5	53.3
54	58.1	48.5	72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

Tgt Ion	164	Resp	318971
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.6	120.8
160	44.9	36.5	54.7

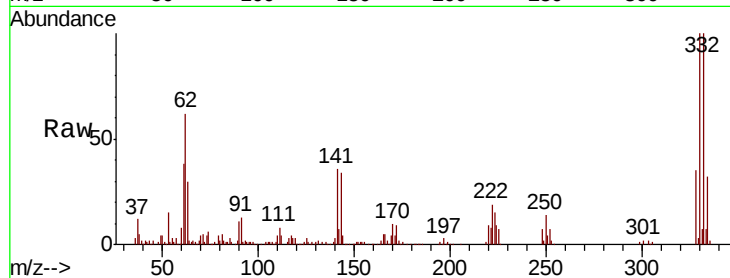




#42
 2,4,6-Tribromophenol
 Concen: 77.088 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114544.D
 Acq: 24 May 2019 00:40

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.8	81.4	122.2
141	33.5	26.6	40.0

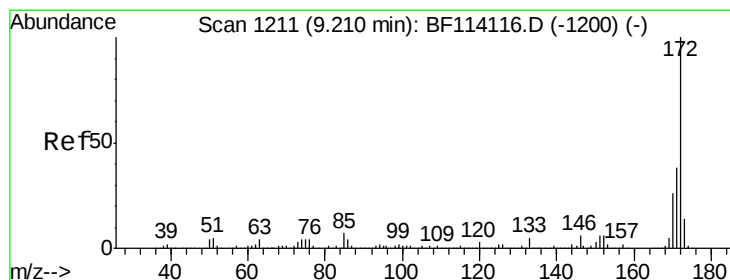
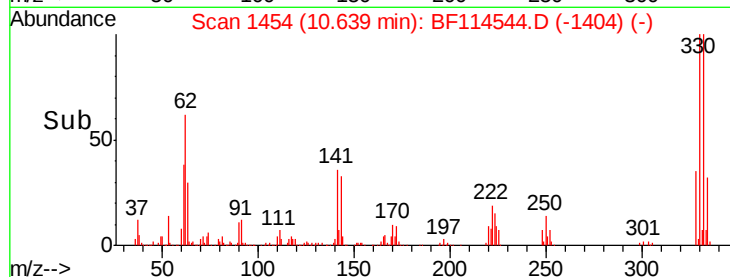
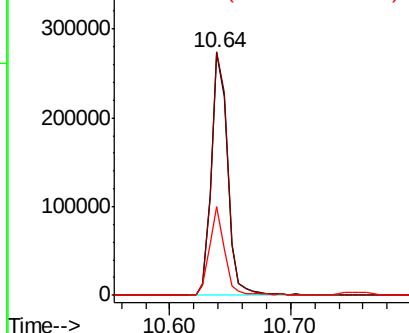


Abundance

Ion 329.80 (329.50 to 330.50): E

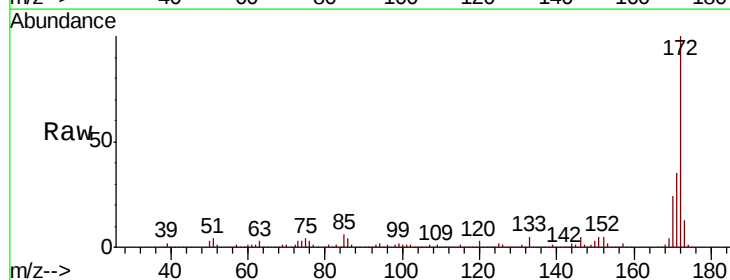
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 55.684 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114544.D
 Acq: 24 May 2019 00:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.7	46.1
170	23.7	20.5	30.7

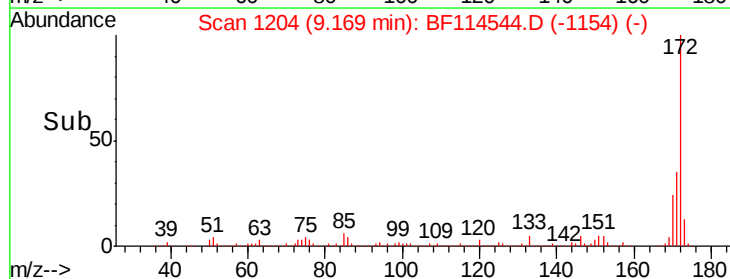
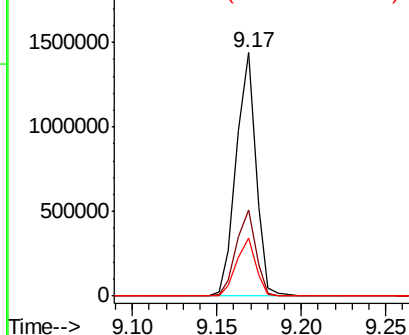


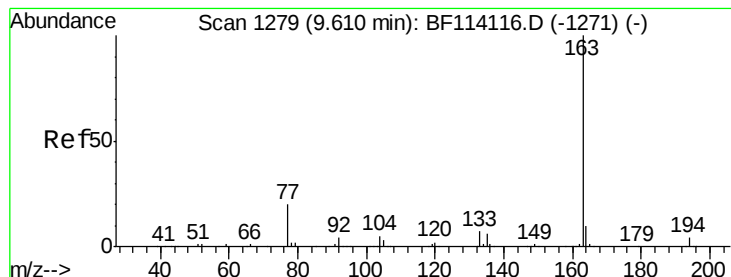
Abundance

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: 4.189 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

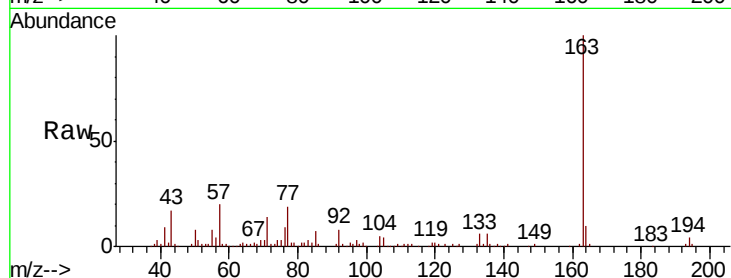
Tot Ion:163 Resp: 98079

Ion Ratio Lower Upper

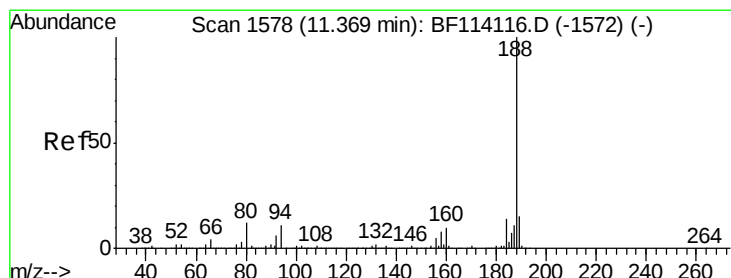
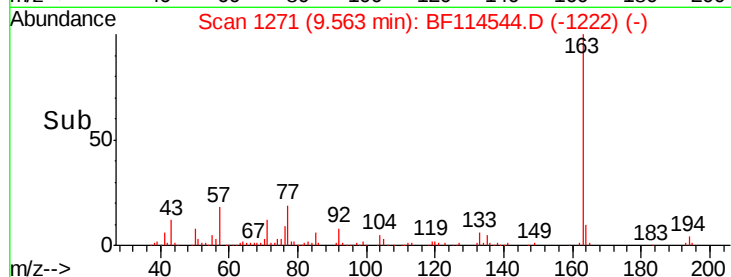
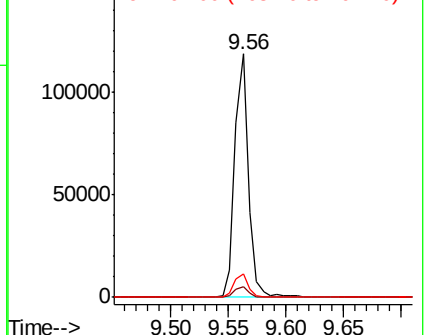
163 100

194 4.3 3.4 5.0

164 9.6 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: BF114544.D

Acq: 24 May 2019 00:40

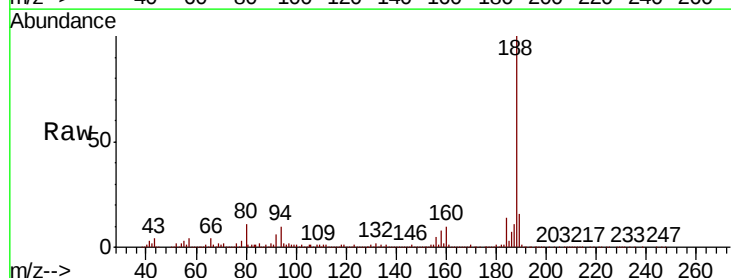
Tgt Ion:188 Resp: 634024

Ion Ratio Lower Upper

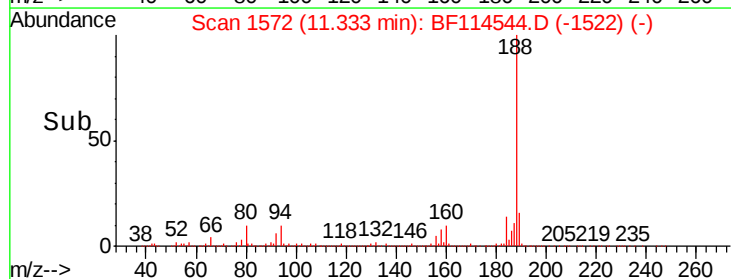
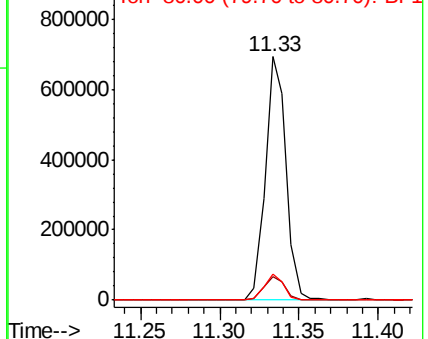
188 100

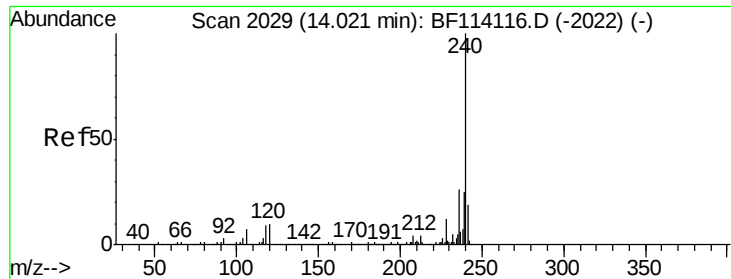
94 9.6 8.4 12.6

80 10.6 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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

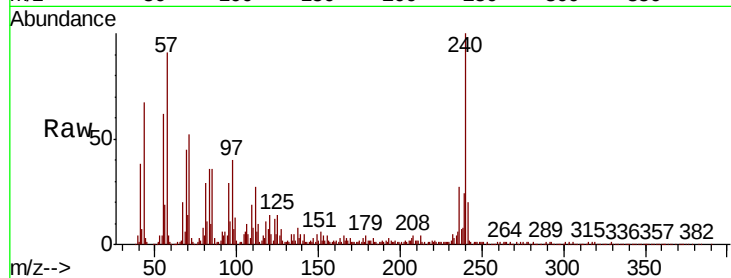
Tot Ion:240 Resp: 340734

Ion Ratio Lower Upper

240 100

120 13.6 8.3 12.5#

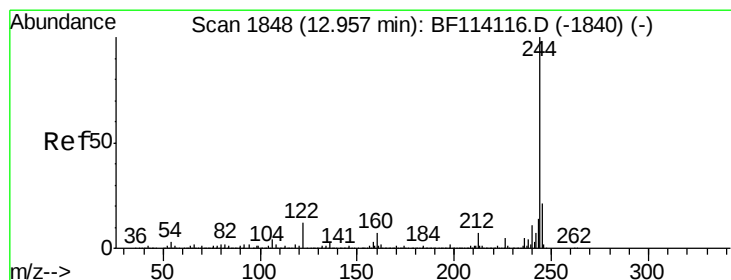
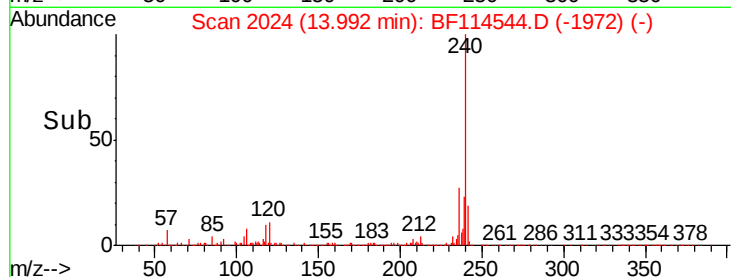
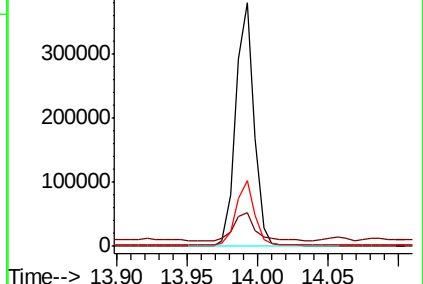
236 27.0 20.8 31.2



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: 62.715 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

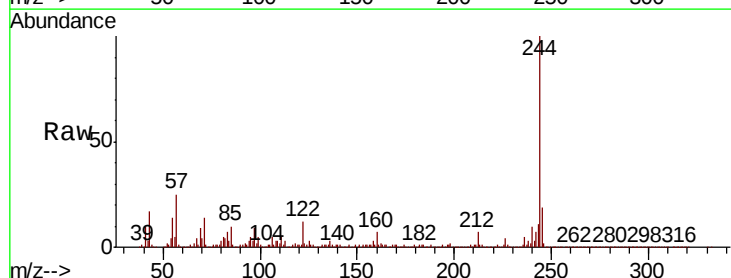
Tgt Ion:244 Resp: 1036618

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

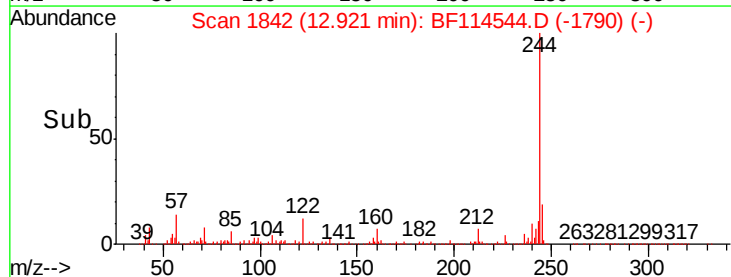
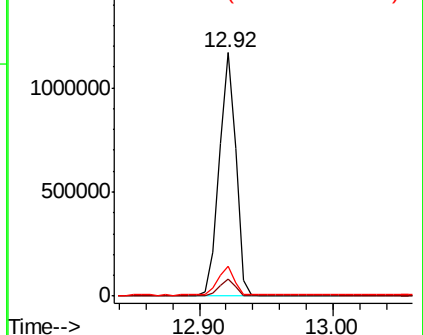
122 12.4 9.4 14.2

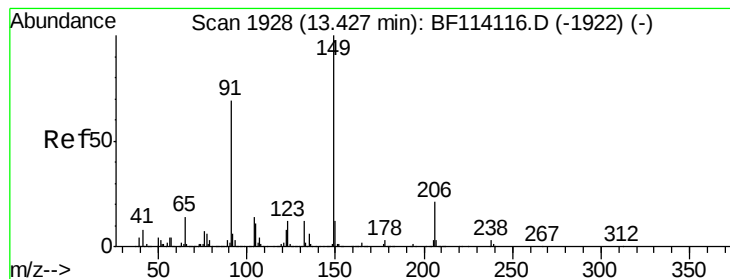


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 4.335 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Instrument :

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ClientSampleId :

CONCRETE-3

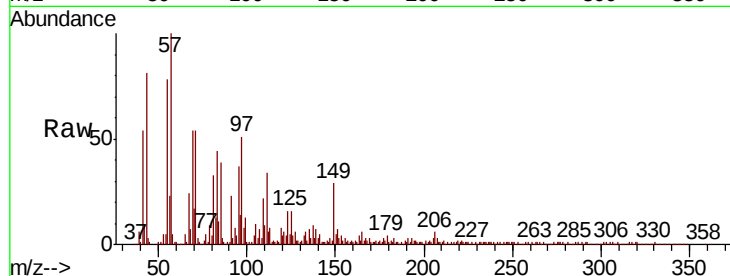
Tot Ion:149 Resp: 50009

Ion Ratio Lower Upper

149 100

91 78.9 55.0 82.4

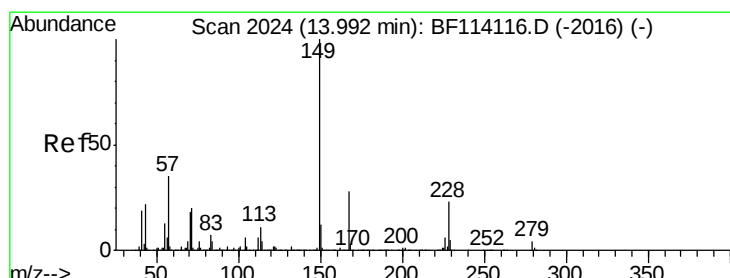
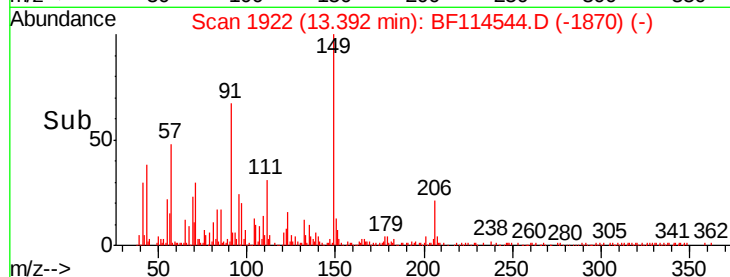
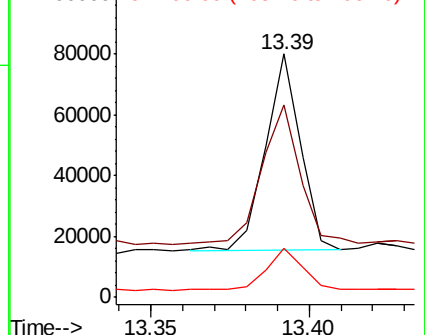
206 20.3 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.392 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

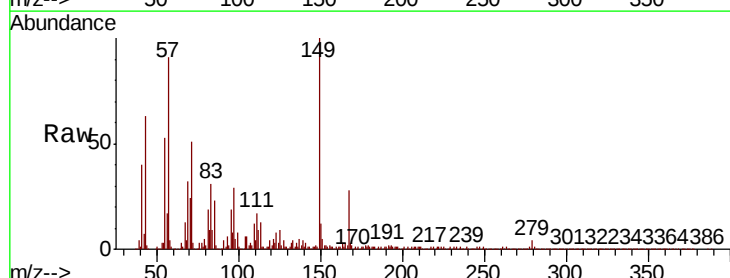
Tgt Ion:149 Resp: 488773

Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

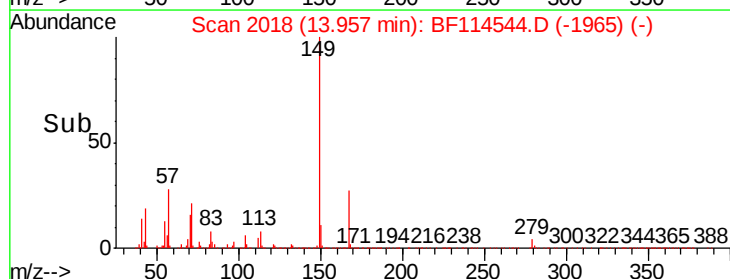
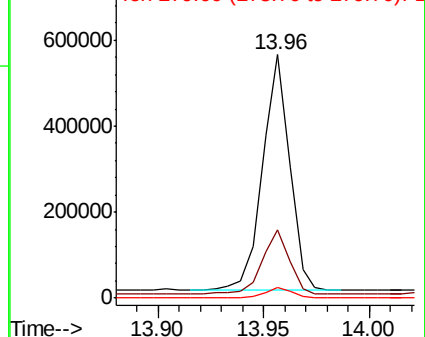
279 4.2 3.0 4.6

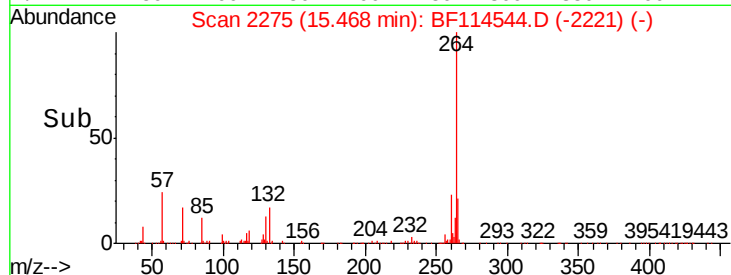
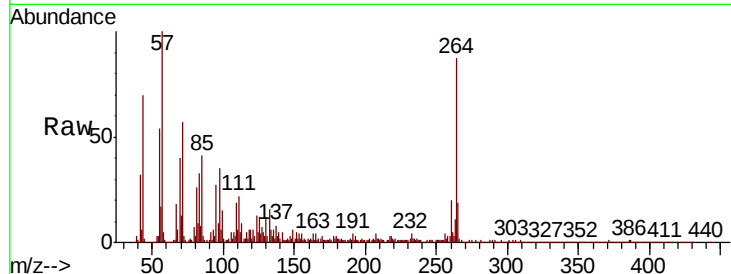
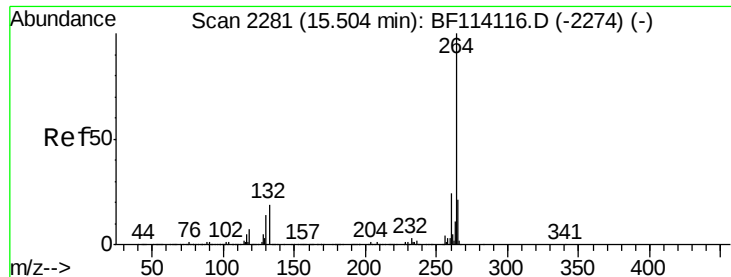


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tot Ion:	264	Resp:	378807
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.9	16.9	25.3

