

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114518.D
 Acq On : 23 May 2019 7:22
 Operator : JU/SJ
 Sample : K2753-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Quant Time: May 23 08:48:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

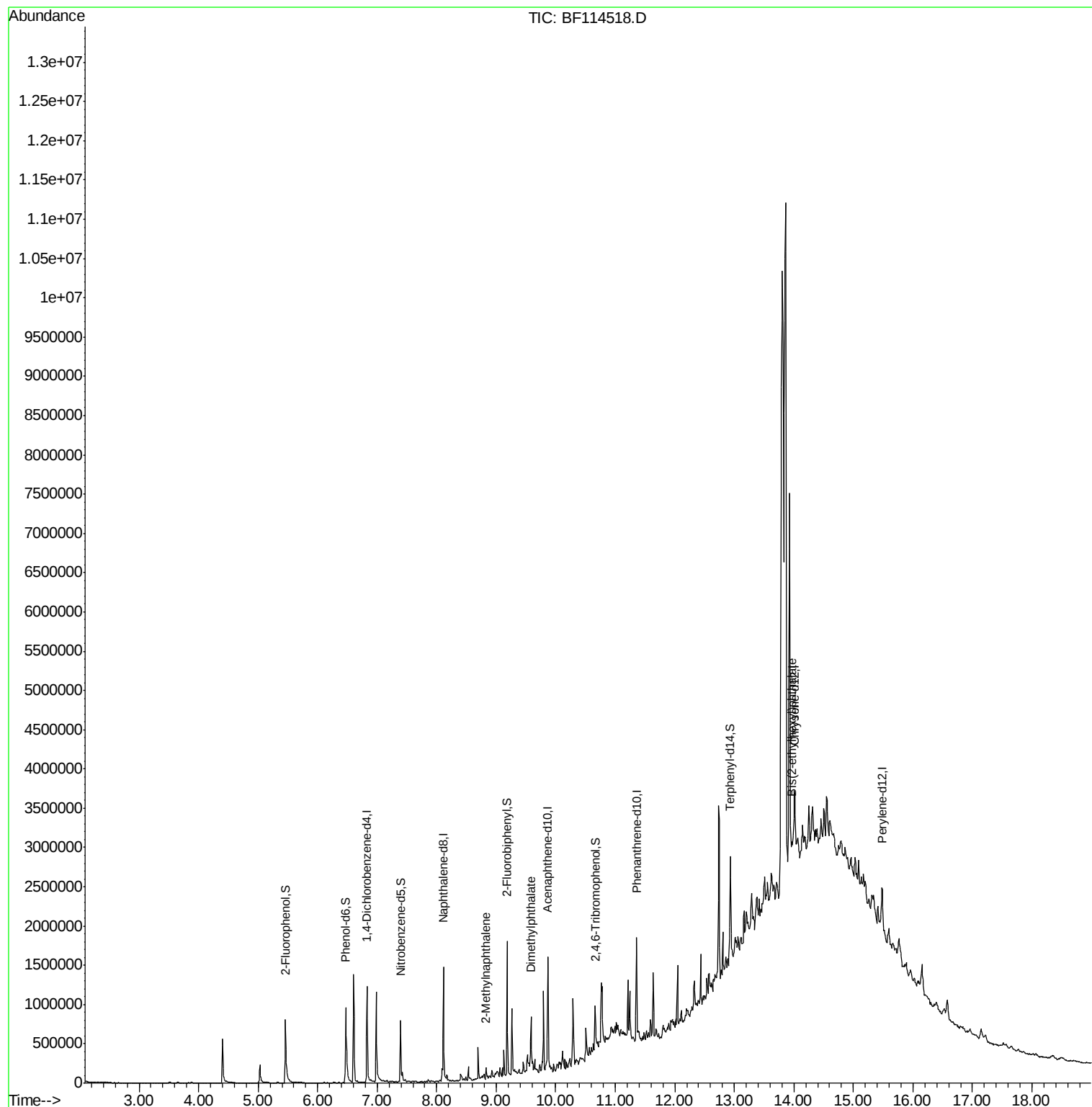
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	175180	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	694782	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	301392	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	483215	20.00	ng	0.00
76) Chrysene-d12	14.01	240	339024	20.00	ng	0.00
87) Perylene-d12	15.49	264	253303	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	333685	30.65	ng	-0.01
7) Phenol-d6	6.47	99	480461	37.32	ng	-0.01
23) Nitrobenzene-d5	7.39	82	275781	22.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	80052	25.69	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	547909	27.50	ng	0.00
79) Terphenyl-d14	12.93	244	403771	24.55	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.83	142	45618	2.179	ng	Qvalue 95
50) Dimethylphthalate	9.58	163	44573	2.015	ng	# 96
84) Bis(2-ethylhexyl)phthalate	13.97	149	72707	4.843	ng	92

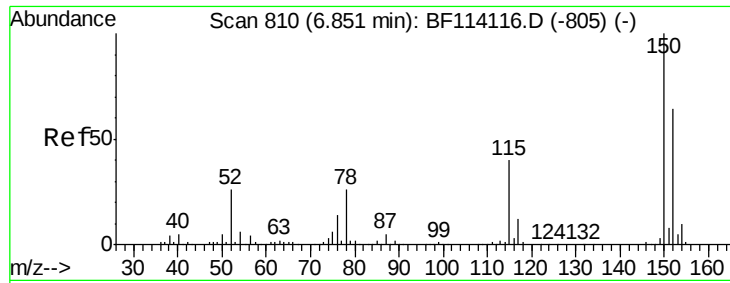
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

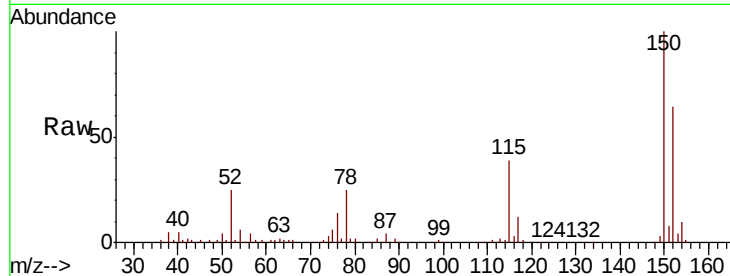
Tot Ion:152 Resp: 175180

Ion Ratio Lower Upper

152 100

150 157.2 124.3 186.5

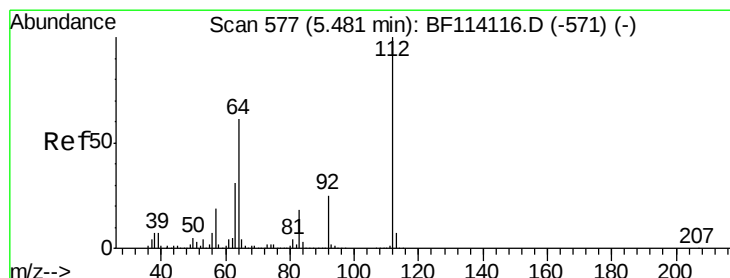
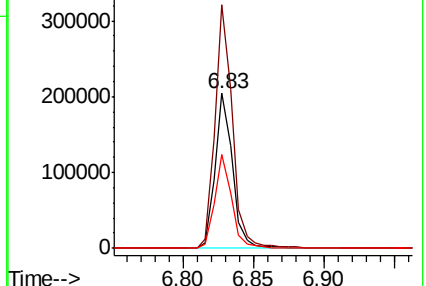
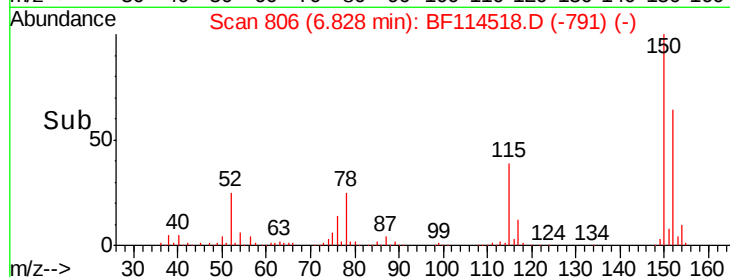
115 60.7 49.1 73.7



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: 30.653 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

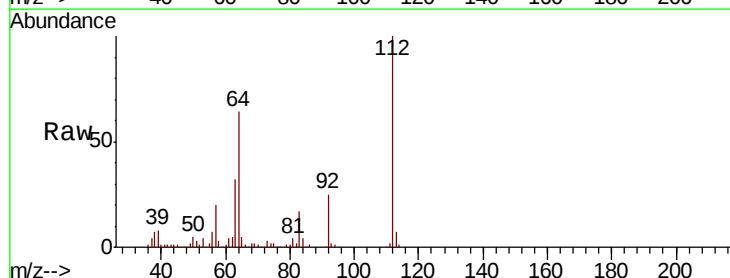
Tgt Ion:112 Resp: 333685

Ion Ratio Lower Upper

112 100

64 64.0 49.0 73.6

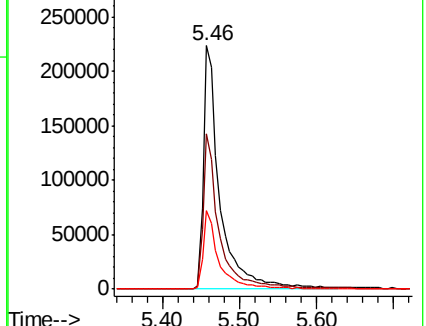
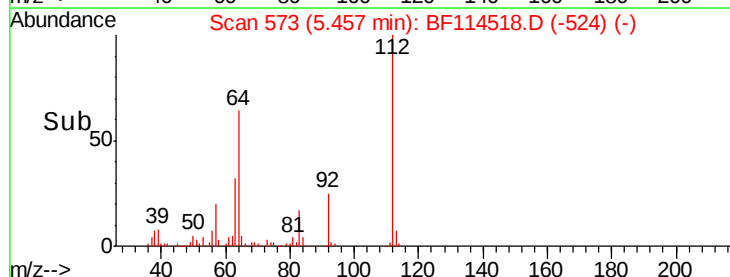
63 32.1 24.6 37.0



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: 37.318 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

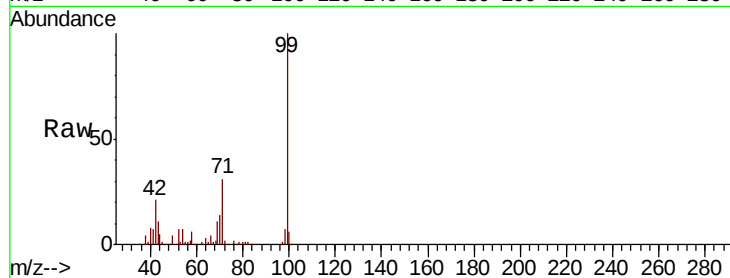
Tot Ion: 99 Resp: 480461

Ion Ratio Lower Upper

99 100

42 20.8 17.9 26.9

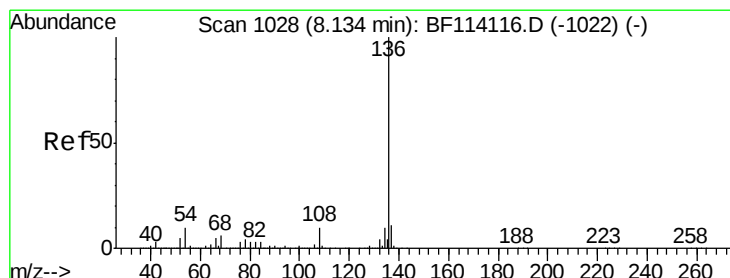
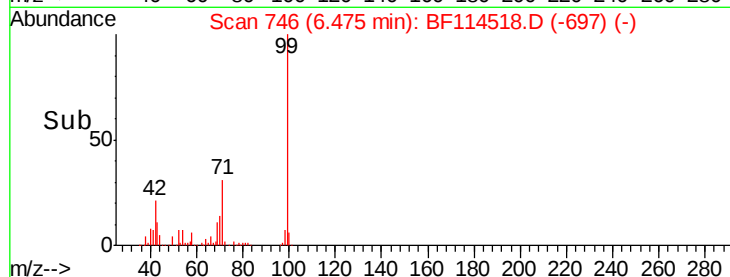
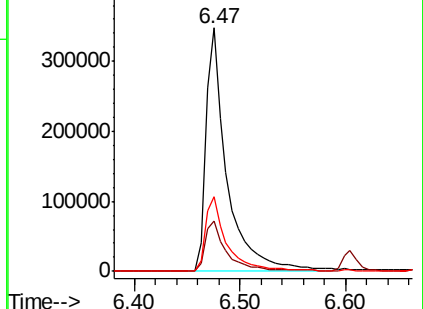
71 30.7 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

Tgt Ion: 136 Resp: 694782

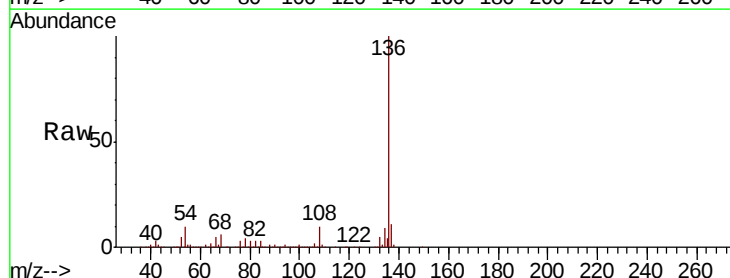
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 9.8 7.8 11.8

68 6.2 5.1 7.7

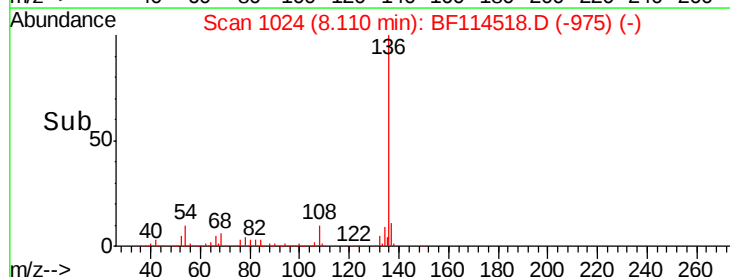
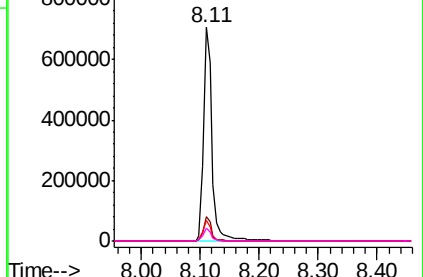


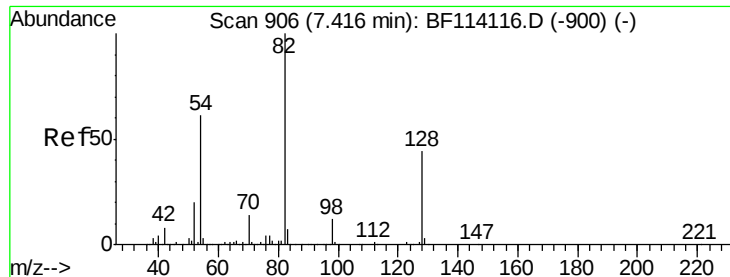
Abundance Ion 136.00 (135.70 to 136.70): E

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

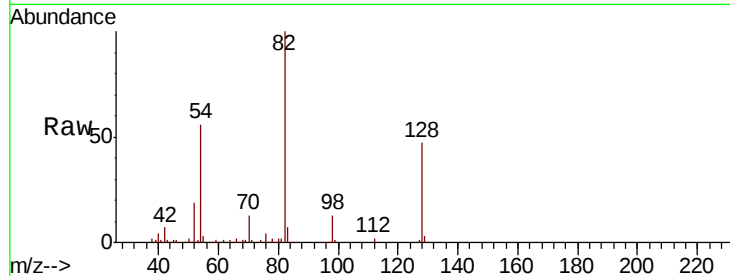




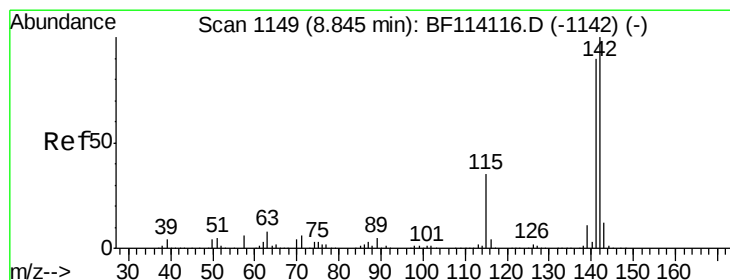
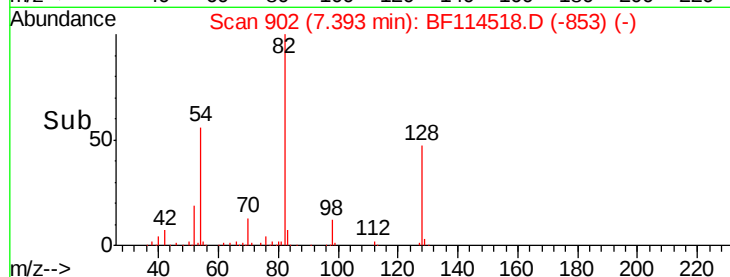
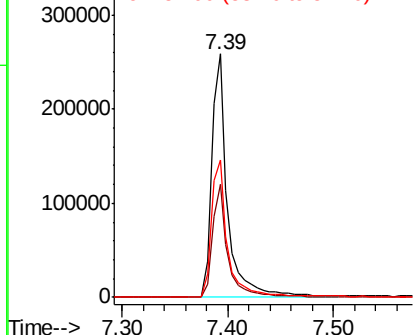
#23
Nitrobenzene-d5
Concen: 22.276 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114518.D
Acq: 23 May 2019 7:22

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tot Ion: 82 Resp: 275781
Ion Ratio Lower Upper
82 100
128 46.6 35.5 53.3
54 56.2 48.5 72.7

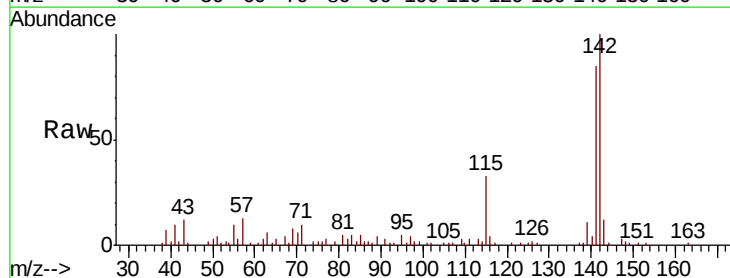


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

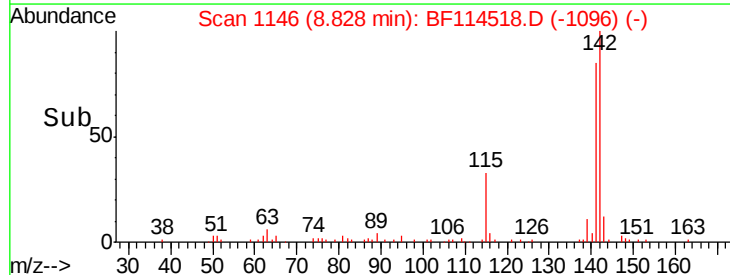
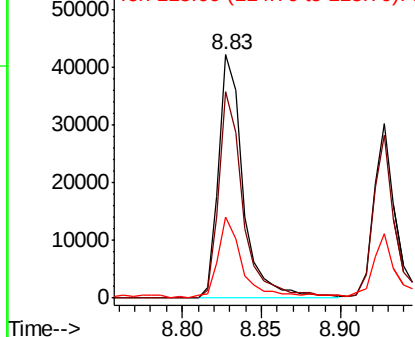


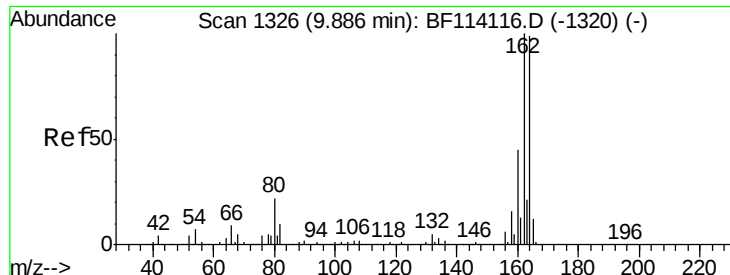
#37
2-Methylnaphthalene
Concen: 2.179 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114518.D
Acq: 23 May 2019 7:22

Tgt Ion: 142 Resp: 45618
Ion Ratio Lower Upper
142 100
141 84.9 72.1 108.1
115 33.3 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): BF1
Ion 141.00 (140.70 to 141.70): BF1
Ion 115.00 (114.70 to 115.70): BF1

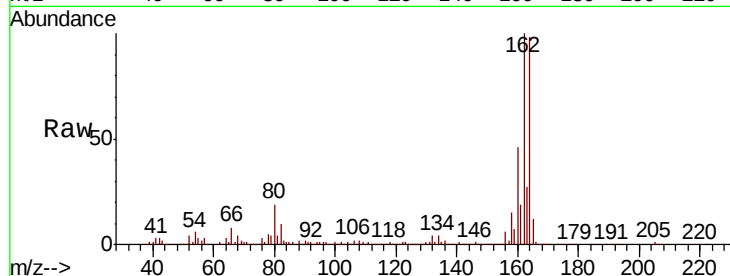




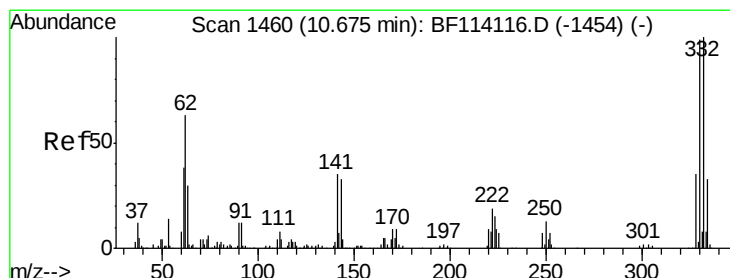
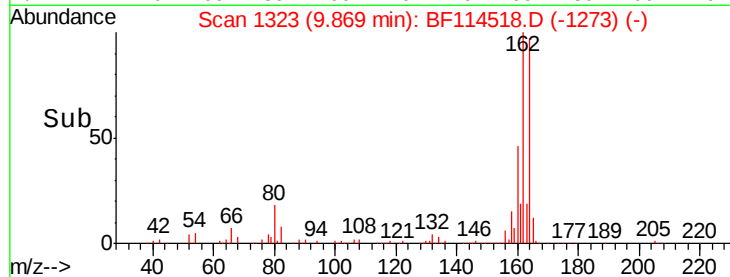
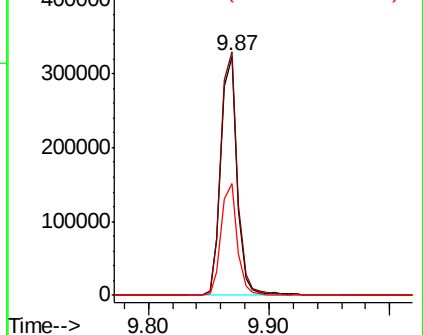
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114518.D
 Acq: 23 May 2019 7:22

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tot Ion:164 Resp: 301392
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 120.8
 160 46.6 36.5 54.7

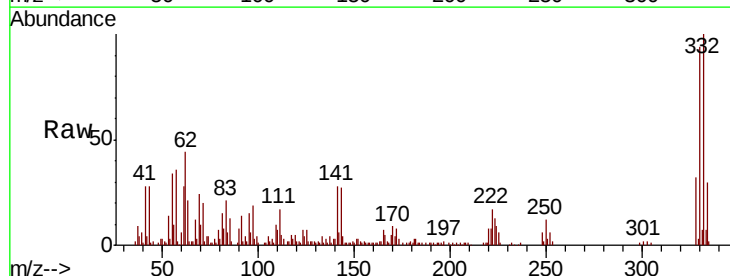


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

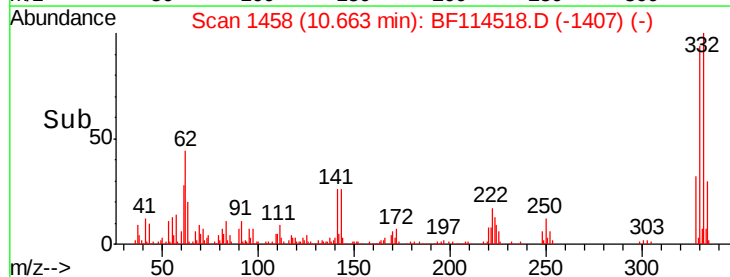
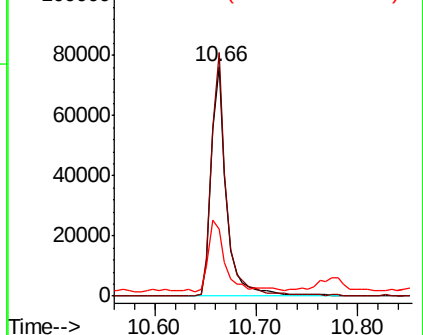


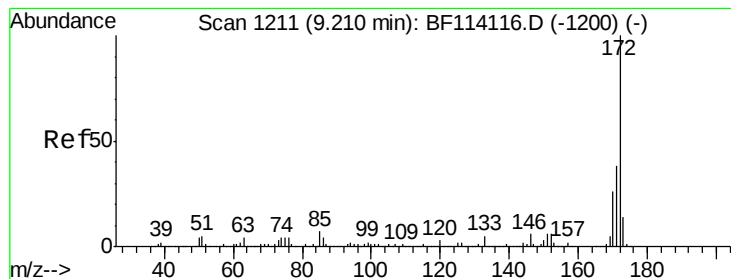
#42
 2,4,6-Tribromophenol
 Concen: 25.692 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114518.D
 Acq: 23 May 2019 7:22

Tgt Ion:330 Resp: 80052
 Ion Ratio Lower Upper
 330 100
 332 104.0 81.4 122.2
 141 33.6 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: 27.499 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

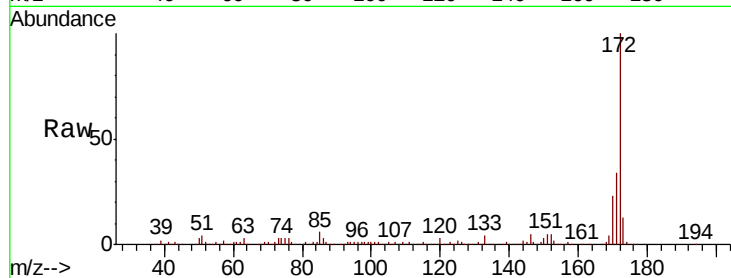
Tot Ion:172 Resp: 547909

Ion Ratio Lower Upper

172 100

171 34.0 30.7 46.1

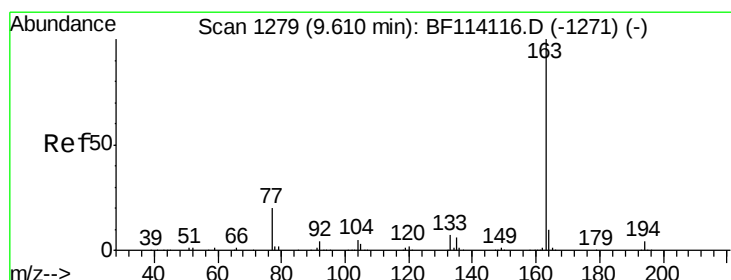
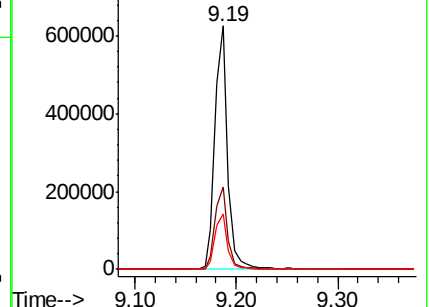
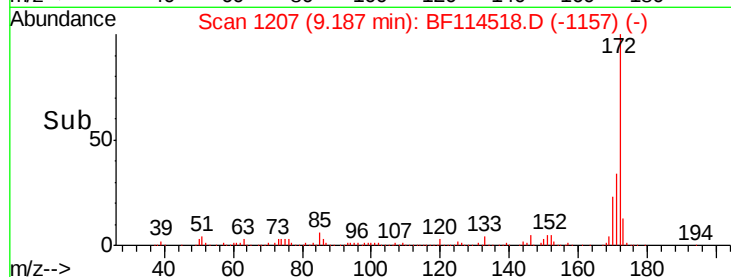
170 22.9 20.5 30.7



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: 2.015 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

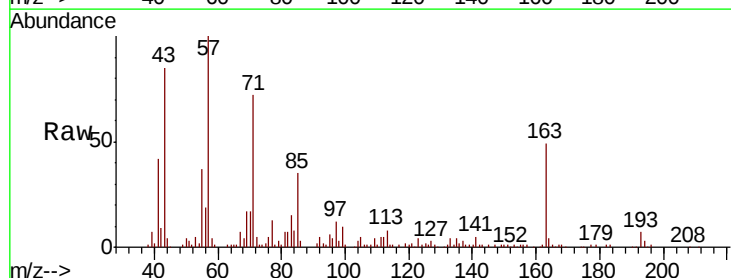
Tgt Ion:163 Resp: 44573

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.0#

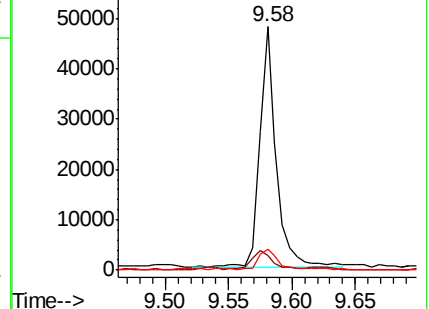
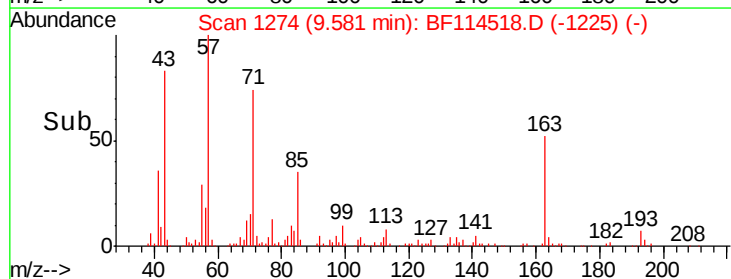
164 8.7 8.2 12.2

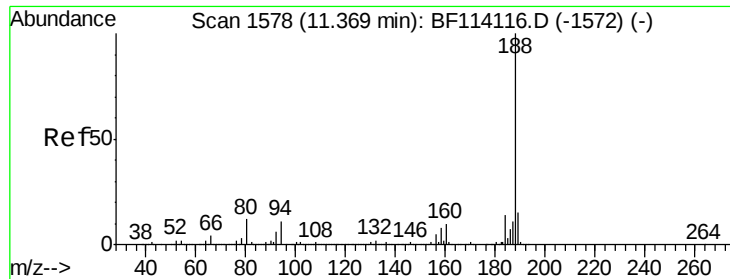


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

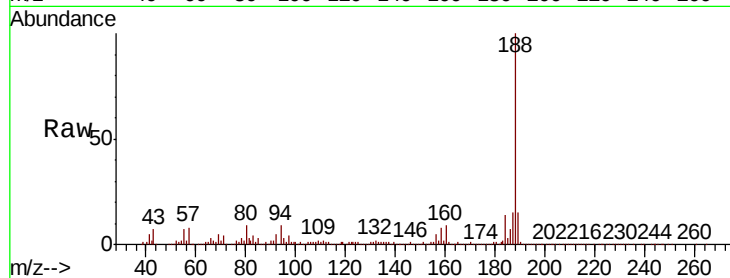
Tot Ion:188 Resp: 483215

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

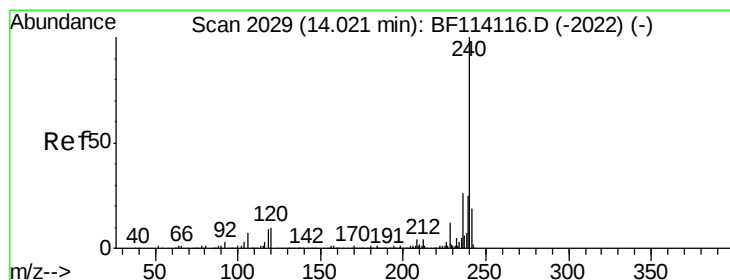
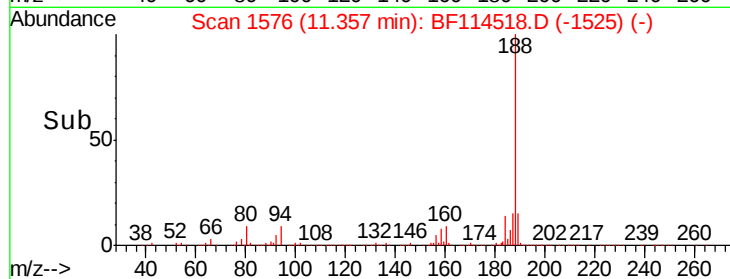
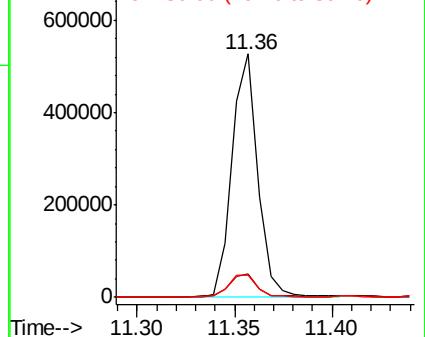
80 9.2 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

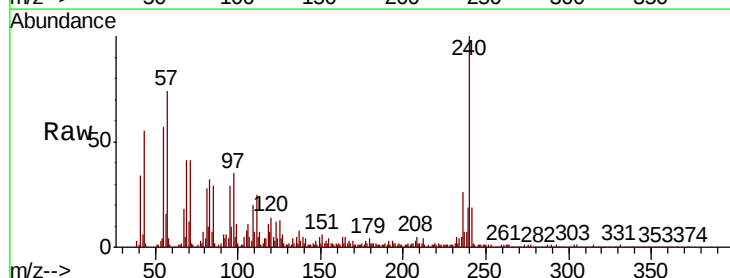
Tgt Ion:240 Resp: 339024

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

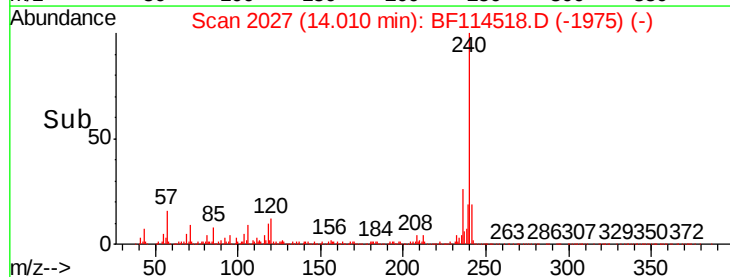
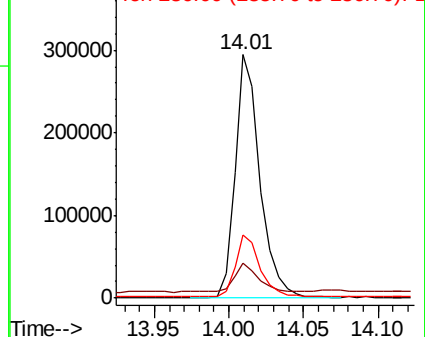
236 26.1 20.8 31.2

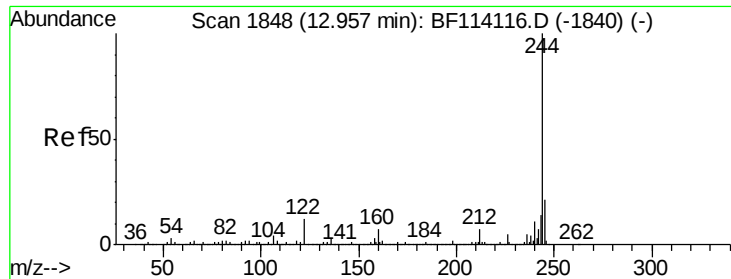


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 24.551 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

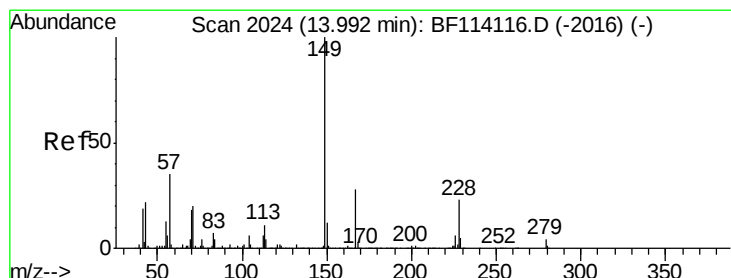
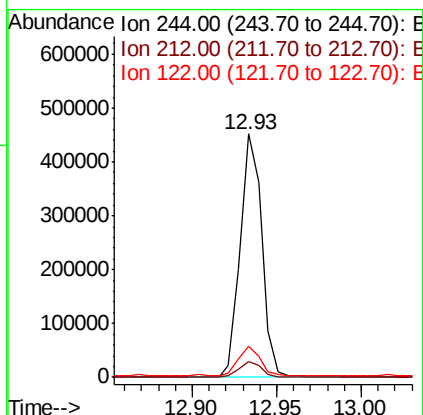
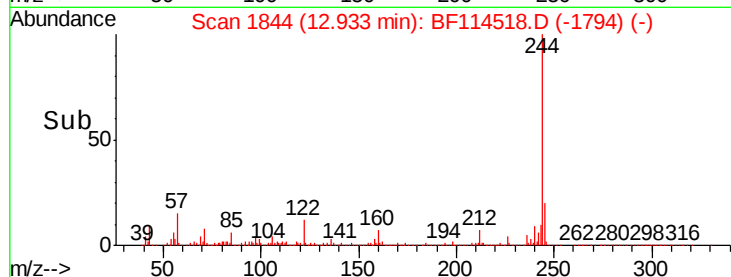
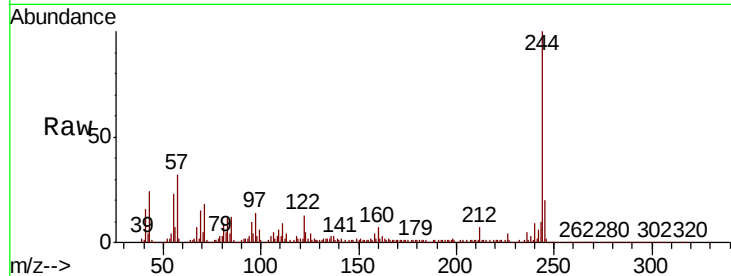
Tot Ion:244 Resp: 403771

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 13.0 9.4 14.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.843 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF114518.D

Acq: 23 May 2019 7:22

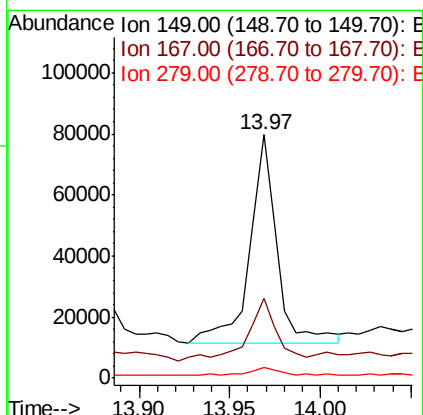
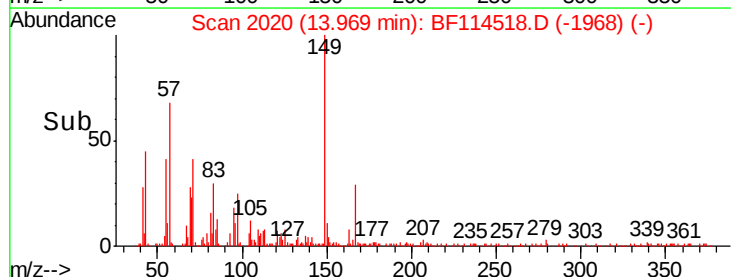
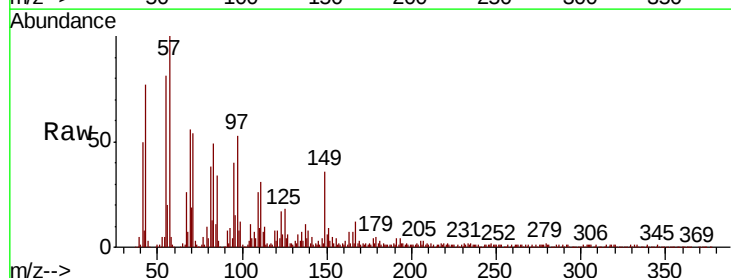
Tgt Ion:149 Resp: 72707

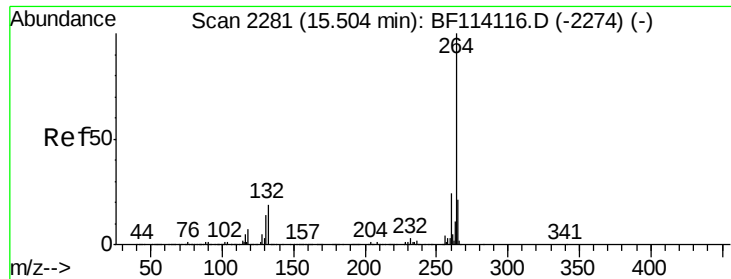
Ion Ratio Lower Upper

149 100

167 32.7 22.6 33.8

279 4.2 3.0 4.6

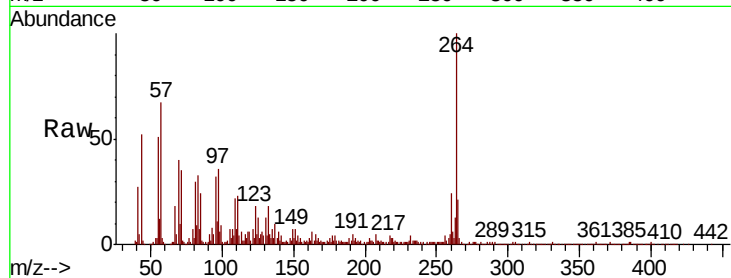




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF114518.D
Acq: 23 May 2019 7:22

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.1	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

