

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118886.D
 Acq On : 11 Feb 2020 16:13
 Operator : CG/JU
 Sample : L1478-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-02

Quant Time: Feb 12 07:04:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

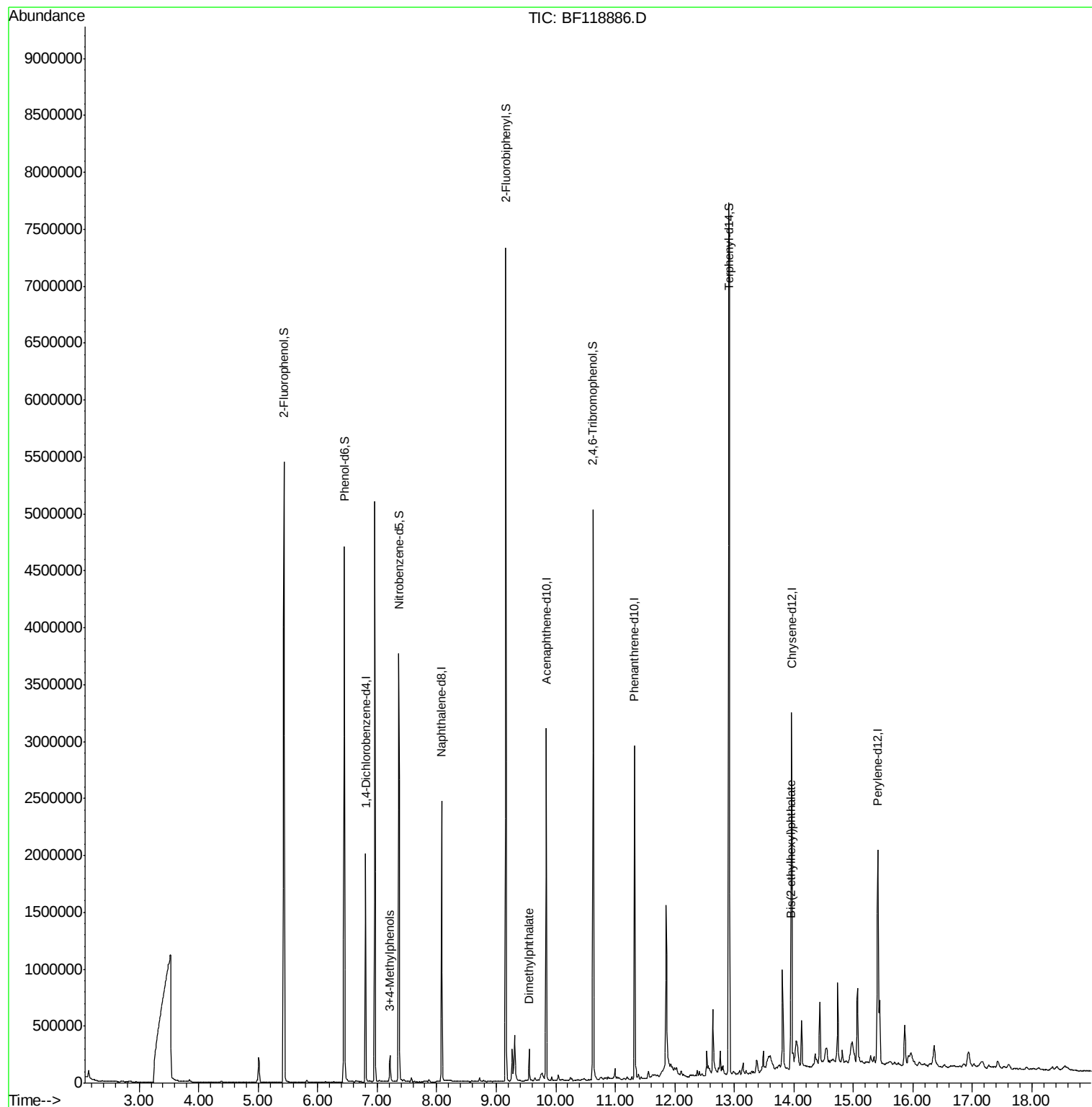
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	288122	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	1102912	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	615252	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	1183729	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	1051656	20.00	ng	-0.02
87) Perylene-d12	15.41	264	917187	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1589043	104.40	ng	0.00
7) Phenol-d6	6.45	99	1959422	103.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	1279596	69.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	703752	95.60	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	2312014	67.18	ng	-0.02
79) Terphenyl-d14	12.91	244	3081345	60.18	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	7.22	107	68354	3.869	ng	Qvalue # 62
50) Dimethylphthalate	9.56	163	123778	2.955	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	137811	3.299	ng	96

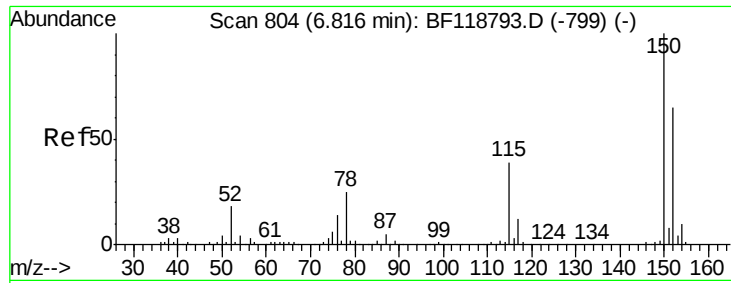
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Feb 12 07:04:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



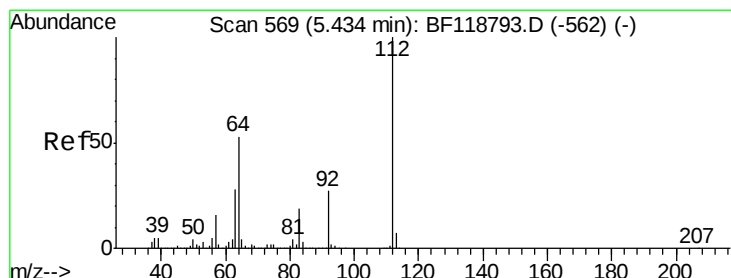
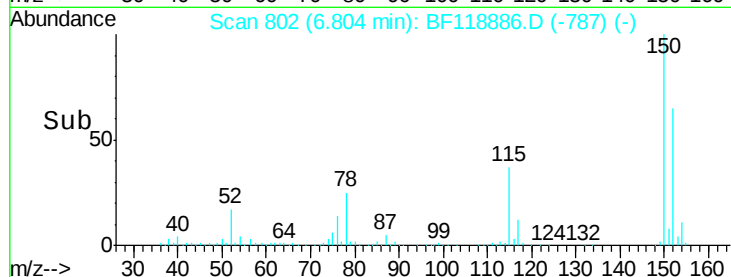
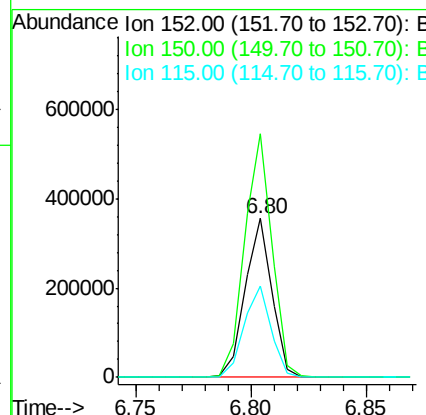
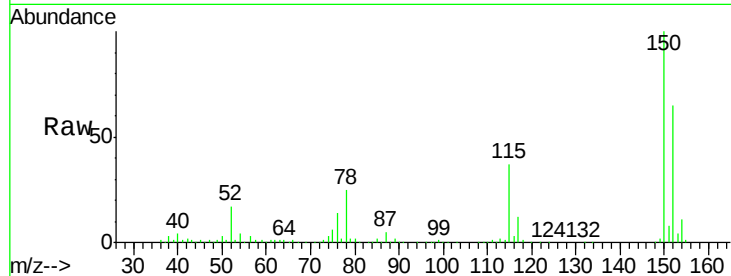


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118886.D
Acq: 11 Feb 2020 16:13

Instrument :
BNA_F
ClientSampleId :
SOIL-02

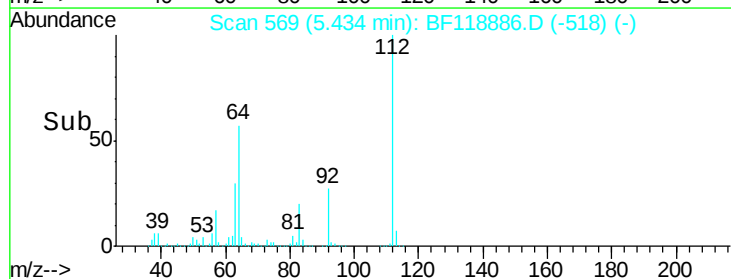
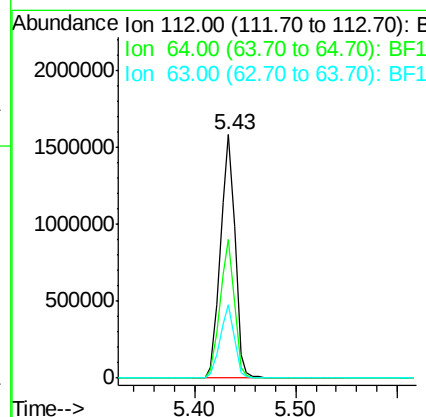
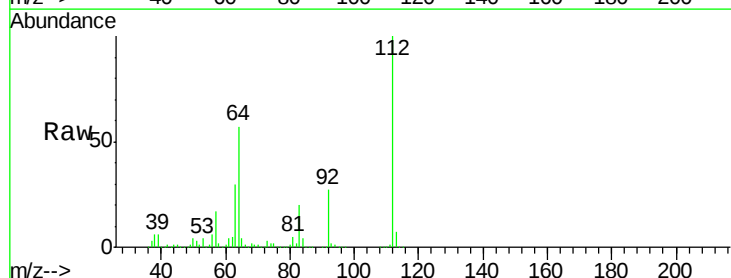
Tot Ion:152 Resp: 288122
Ion Ratio Lower Upper
152 100
150 153.4 123.6 185.4
115 57.2 48.2 72.2

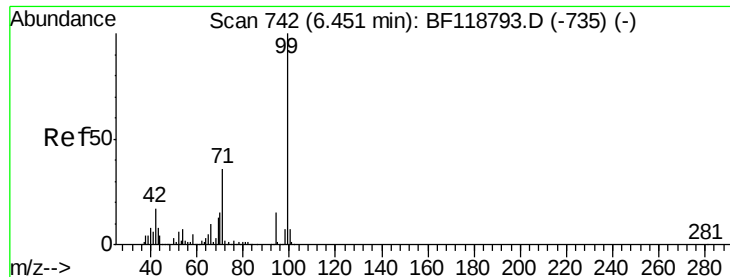


#5

2-Fluorophenol
Concen: 104.398 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118886.D
Acq: 11 Feb 2020 16:13

Tgt Ion:112 Resp: 1589043
Ion Ratio Lower Upper
112 100
64 57.0 42.6 63.8
63 29.9 22.2 33.4





#7

Phenol-d6

Concen: 103.703 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118886.D

Acq: 11 Feb 2020 16:13

Instrument :

BNA_F

ClientSampleId :

SOIL-02

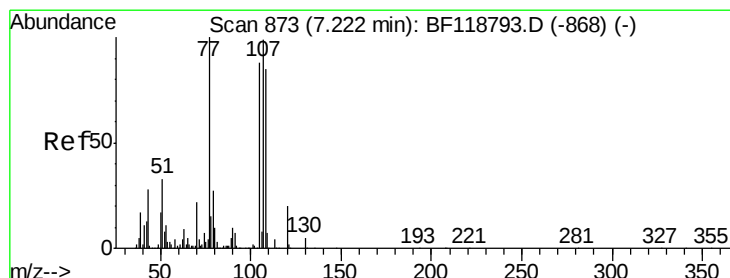
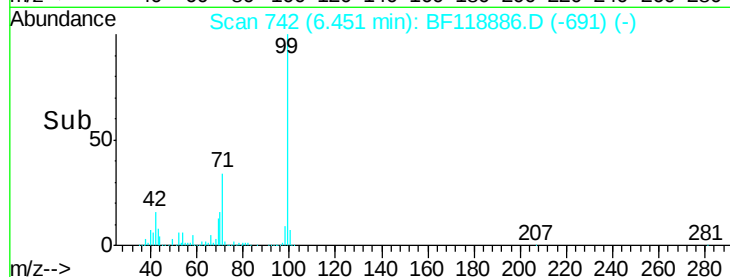
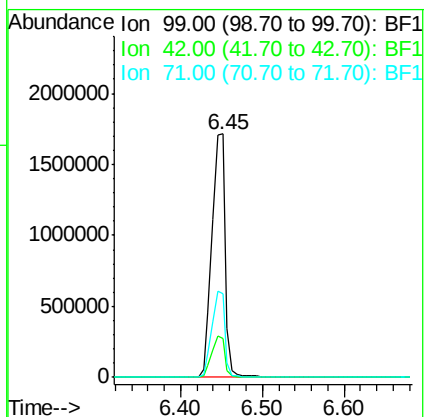
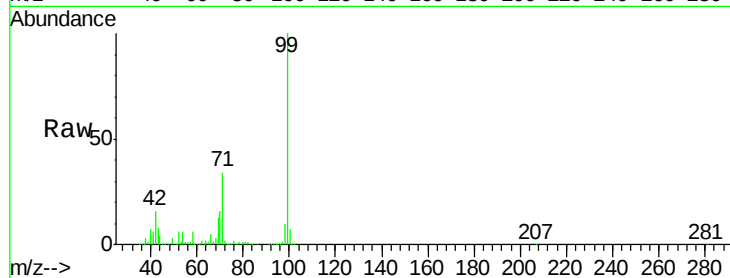
Tot Ion: 99 Resp: 1959422

Ion Ratio Lower Upper

99 100

42 16.1 13.4 20.0

71 34.2 29.0 43.6



#20

3+4-Methylphenols

Concen: 3.869 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF118886.D

Acq: 11 Feb 2020 16:13

Tgt Ion: 107 Resp: 68354

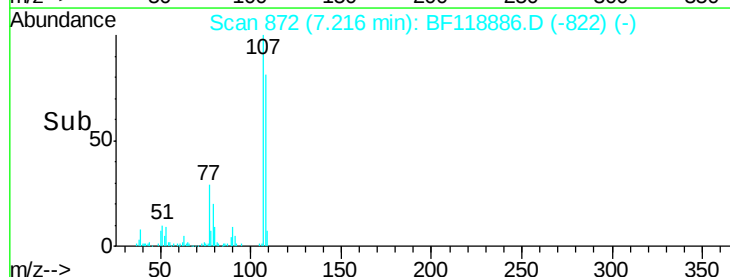
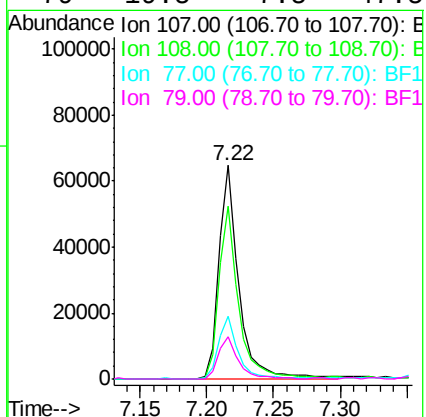
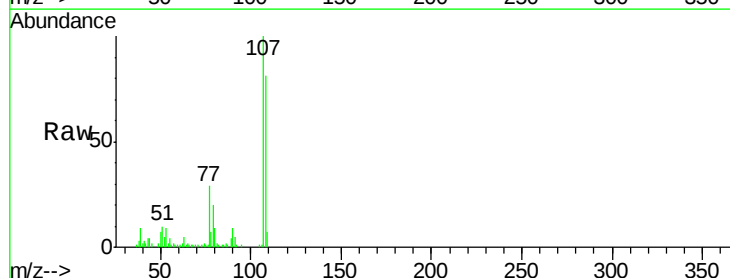
Ion Ratio Lower Upper

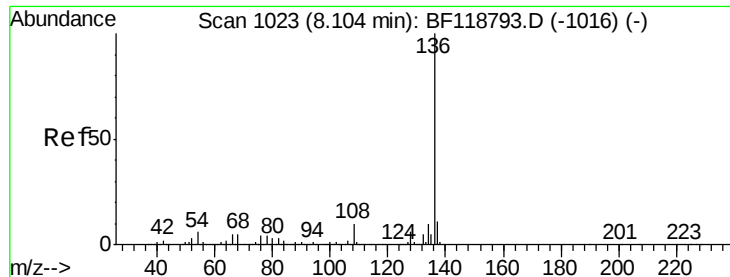
107 100

108 80.8 65.9 105.9

77 29.3 80.9 120.9#

79 19.5 7.5 47.5

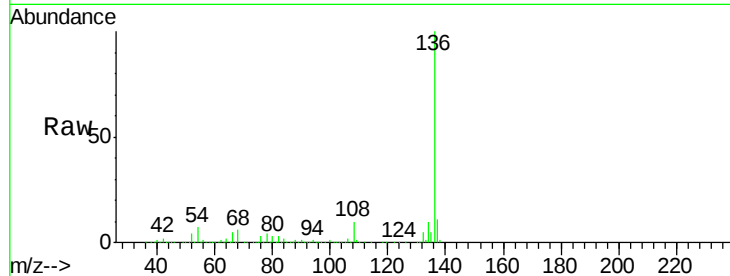




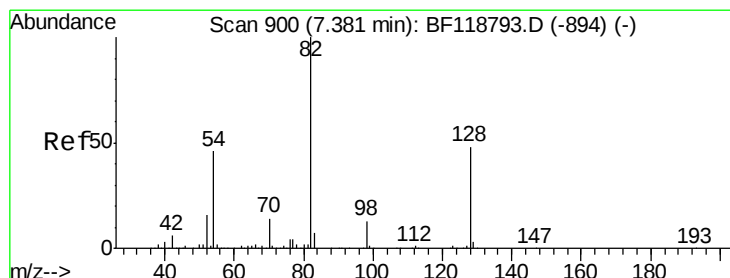
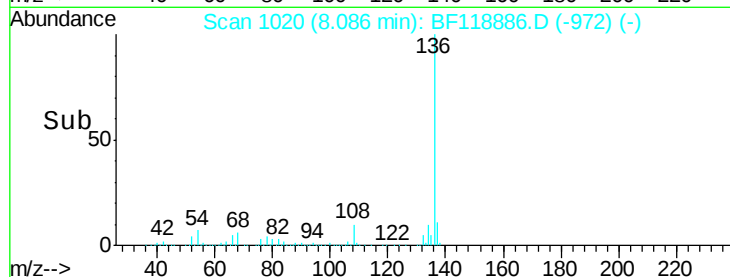
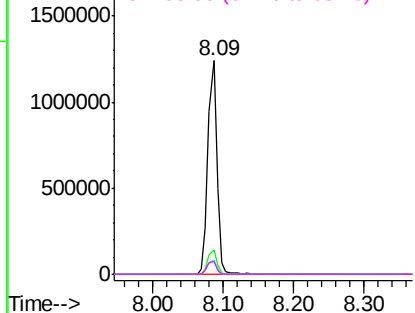
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF118886.D
Acq: 11 Feb 2020 16:13

Instrument :
BNA_F
ClientSampleId :
SOIL-02

Tot Ion:136 Resp: 1102912
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 6.6 5.0 7.6
68 6.1 4.2 6.4

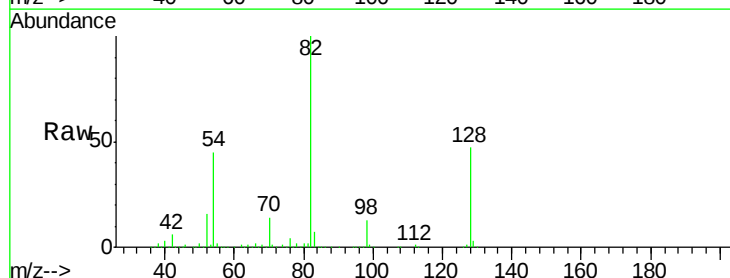


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

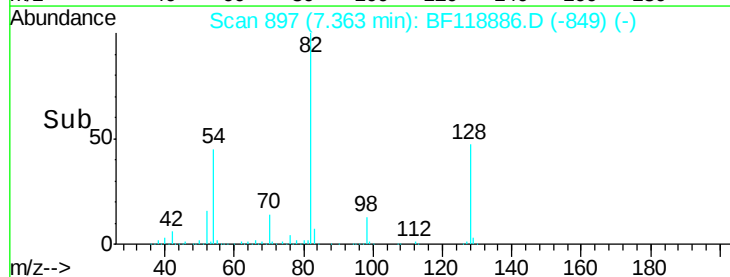
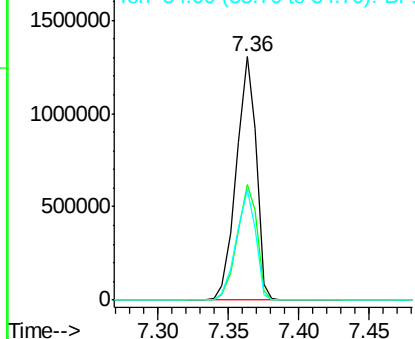


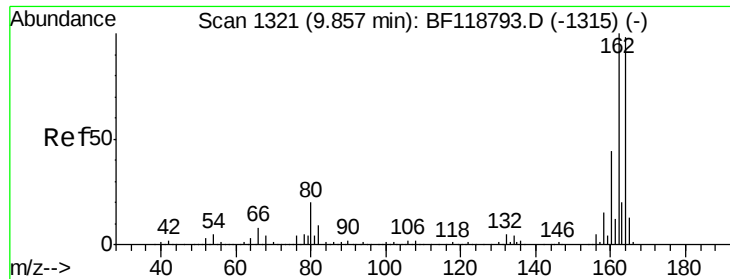
#23
Nitrobenzene-d5
Concen: 69.154 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF118886.D
Acq: 11 Feb 2020 16:13

Tgt Ion: 82 Resp: 1279596
Ion Ratio Lower Upper
82 100
128 47.2 38.5 57.7
54 45.5 36.7 55.1



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

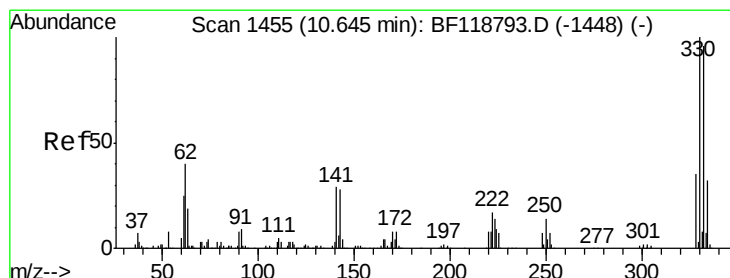
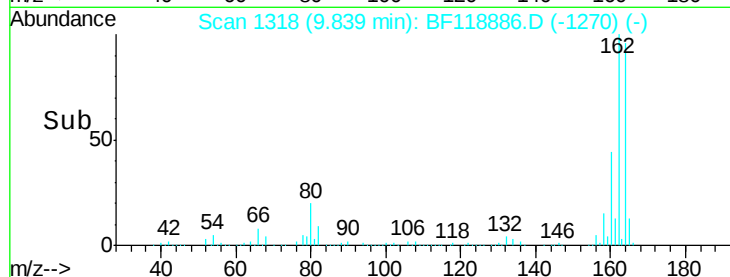
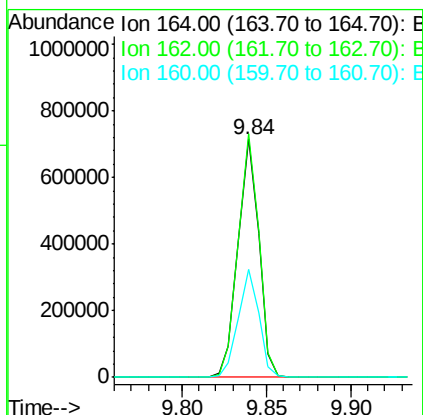
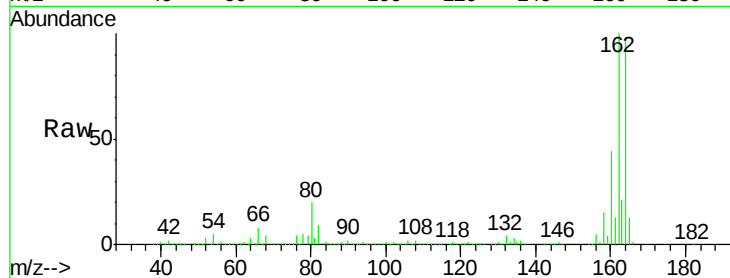




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF118886.D
 Acq: 11 Feb 2020 16:13

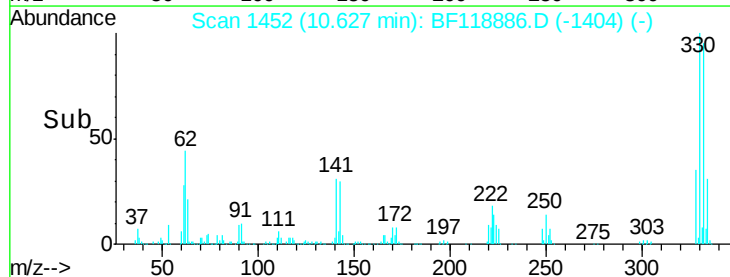
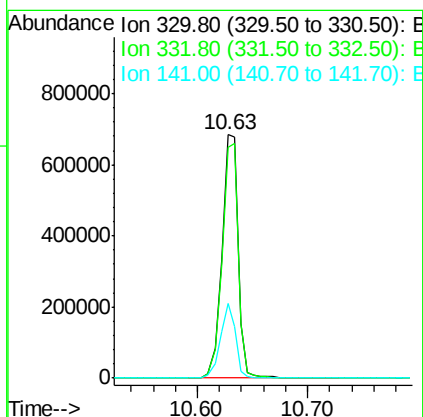
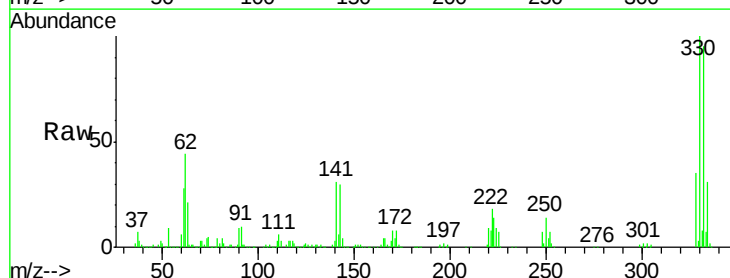
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-02

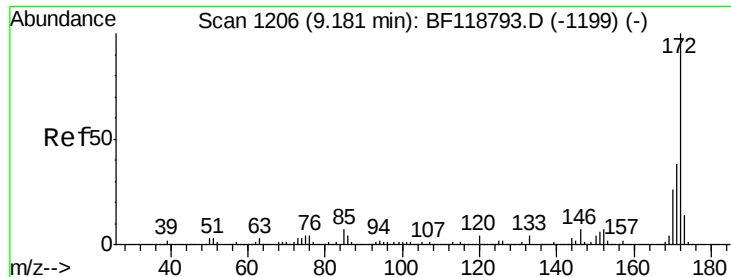
Tot Ion:164 Resp: 615252
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.4 122.2
 160 45.4 35.6 53.4



#42
 2,4,6-Tribromophenol
 Concen: 95.597 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF118886.D
 Acq: 11 Feb 2020 16:13

Tgt Ion:330 Resp: 703752
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 28.4 22.4 33.6

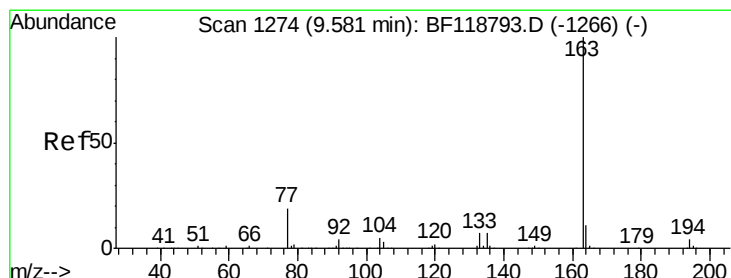
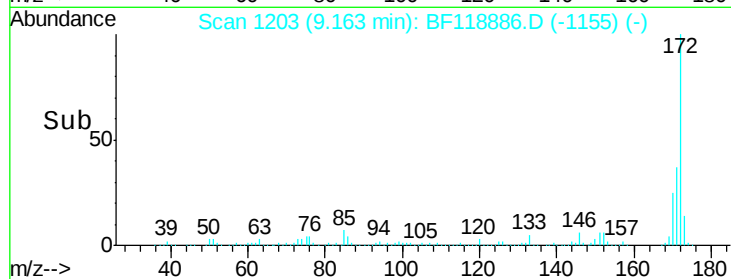
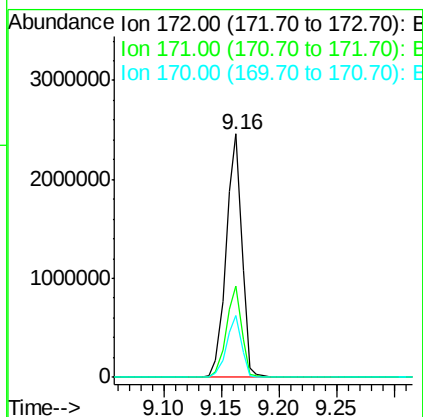
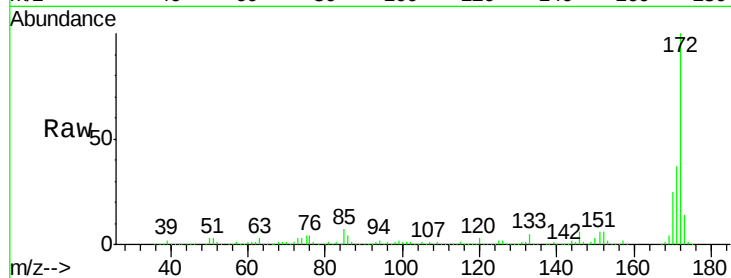




#45
2-Fluorobiphenyl
Concen: 67.179 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF118886.D
Acq: 11 Feb 2020 16:13

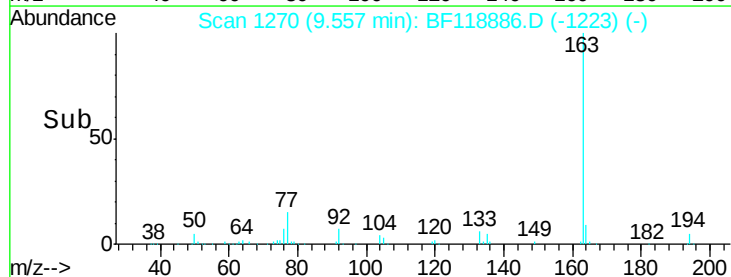
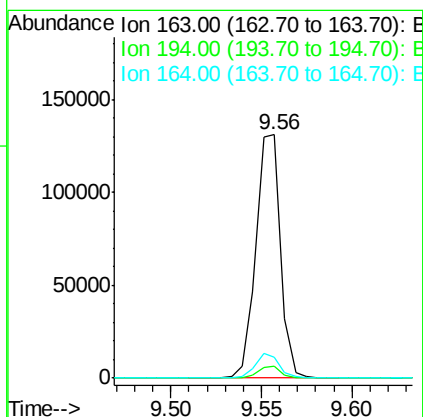
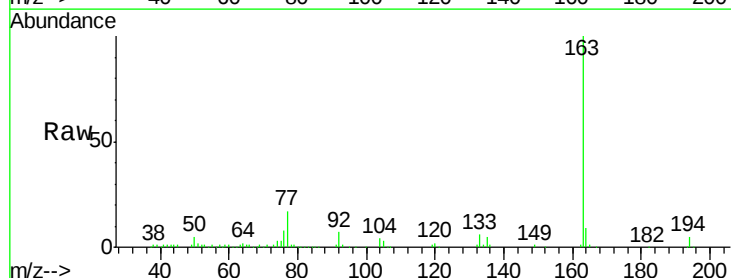
Instrument :
BNA_F
ClientSampleId :
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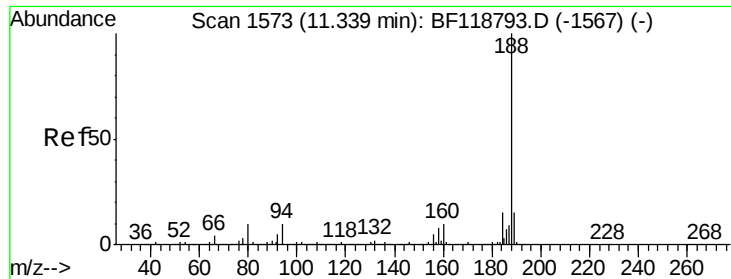
Tot Ion:172 Resp: 2312014
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 25.2 20.5 30.7



#50
Dimethylphthalate
Concen: 2.955 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118886.D
Acq: 11 Feb 2020 16:13

Tgt Ion:163 Resp: 123778
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 8.8 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF118886.D

Acq: 11 Feb 2020 16:13

Instrument :

BNA_F

ClientSampleId :

SOIL-02

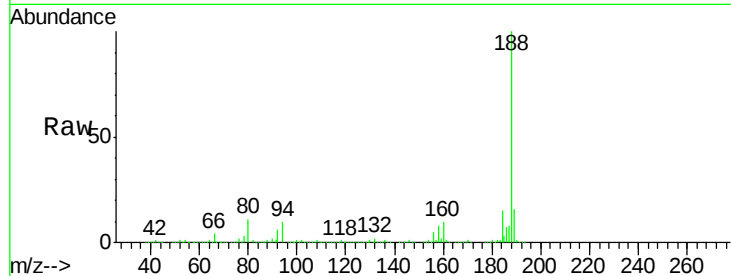
Tot Ion:188 Resp: 1183729

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

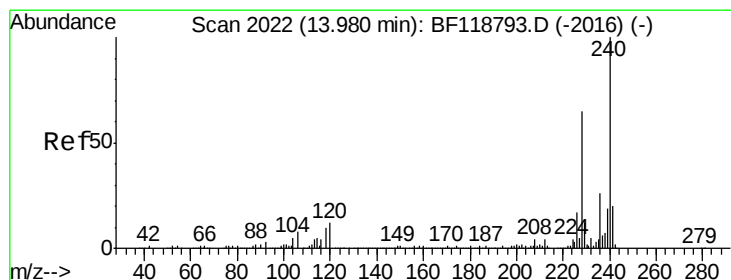
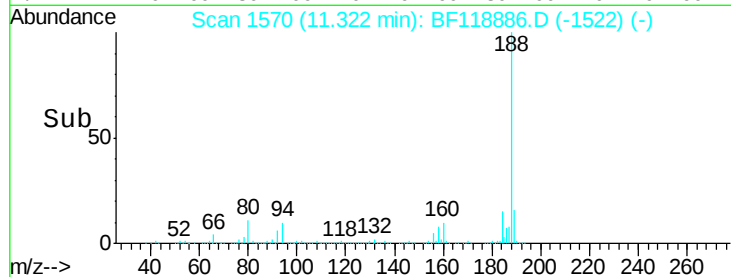
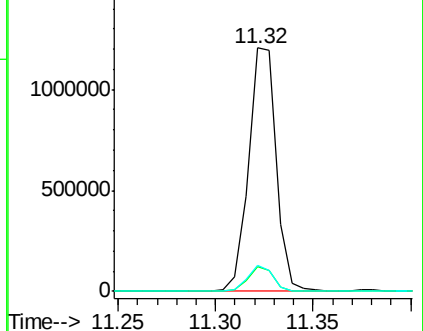
80 10.8 8.4 12.6



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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF118886.D

Acq: 11 Feb 2020 16:13

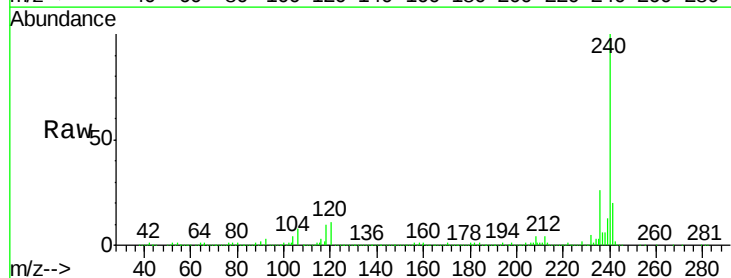
Tgt Ion:240 Resp: 1051656

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.0

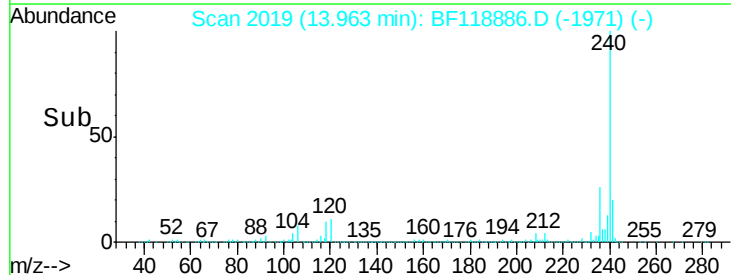
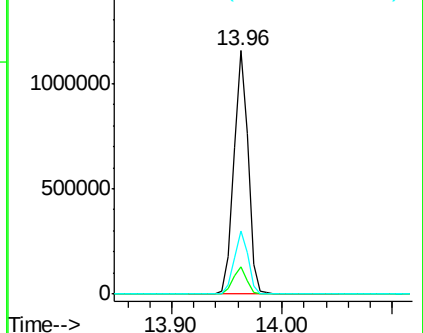
236 26.2 21.0 31.6

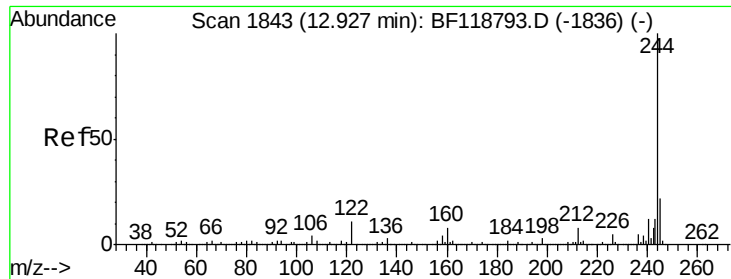


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.183 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.02 min

Lab File: BF118886.D

Acq: 11 Feb 2020 16:13

Instrument :

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SOIL-02

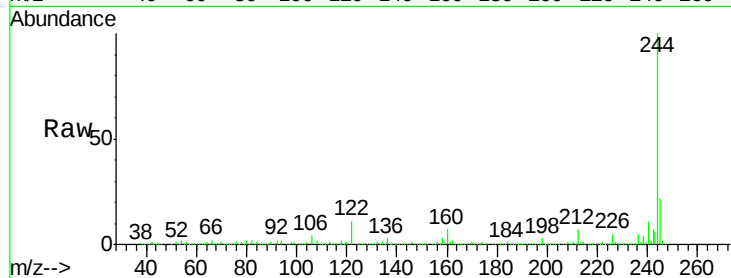
Tot Ion:244 Resp: 3081345

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

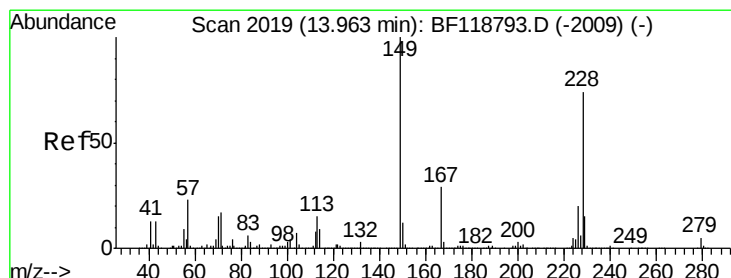
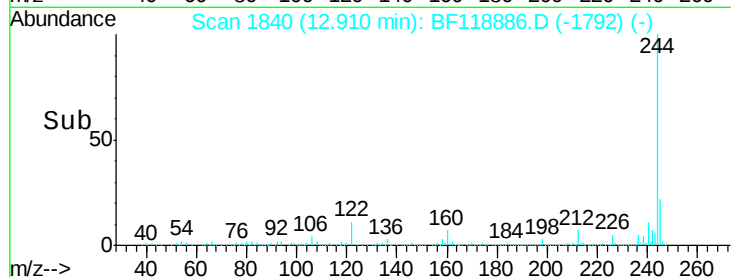
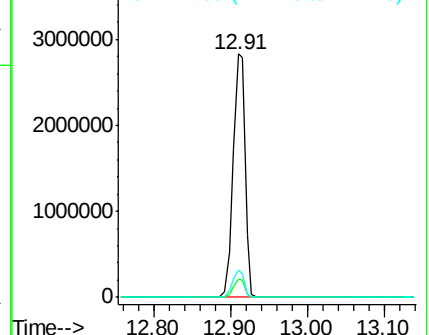
122 11.4 8.9 13.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.299 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF118886.D

Acq: 11 Feb 2020 16:13

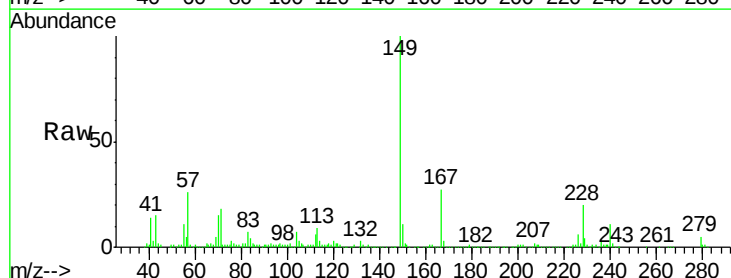
Tgt Ion:149 Resp: 137811

Ion Ratio Lower Upper

149 100

167 26.8 23.0 34.6

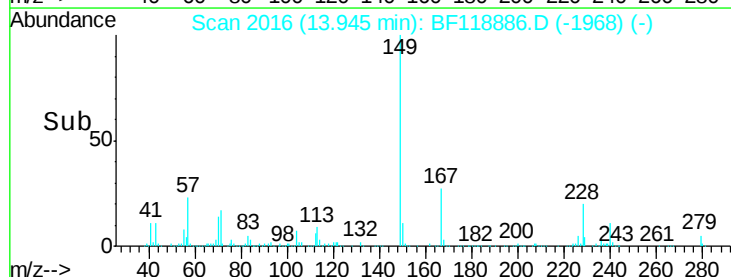
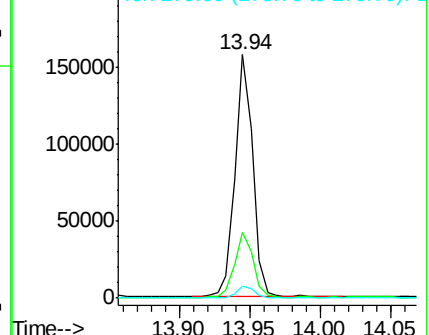
279 4.7 4.4 6.6

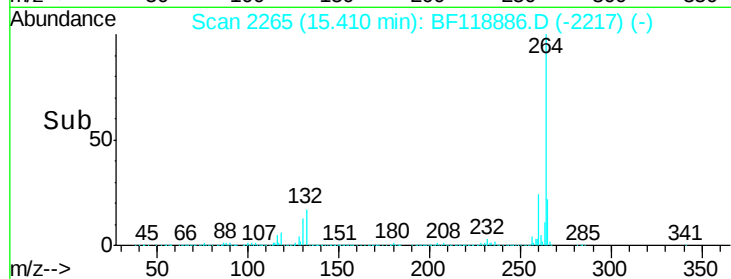
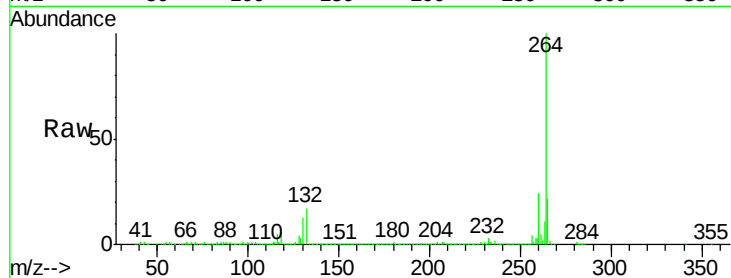
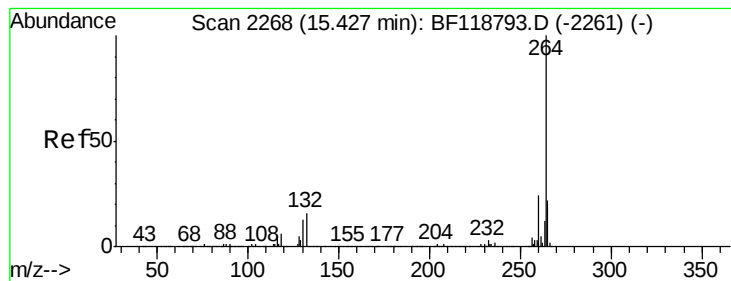


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.41 min Scan# 2265

Delta R.T. -0.02 min

Lab File: BF118886.D

Acq: 11 Feb 2020 16:13

Instrument :

BNA_F

ClientSampleId :

SOIL-02

Tot Ion:264 Resp: 917187

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.0 17.2 25.8

