

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112044.D
 Acq On : 12 Jan 2019 4:52
 Operator : JU/SJ
 Sample : K1118-09 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Jan 12 05:36:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

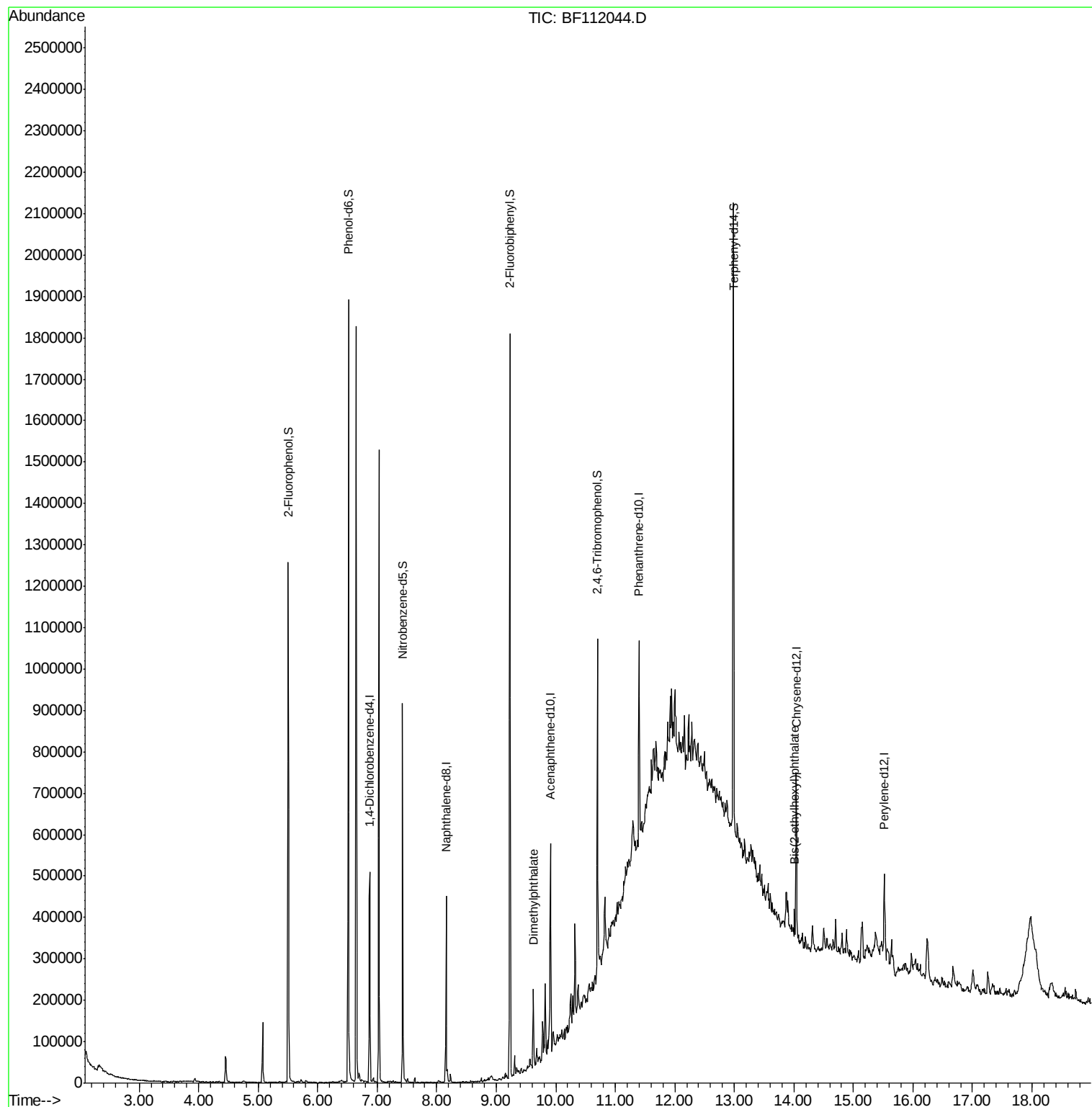
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	76488	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	191041	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	87448	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	164012	20.00	ng	0.00
76) Chrysene-d12	14.04	240	133819	20.00	ng	0.00
87) Perylene-d12	15.52	264	97822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	306176	68.48	ng	0.00
7) Phenol-d6	6.52	99	550766	95.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	258384	72.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	105441	92.70	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	477211	79.58	ng	0.00
79) Terphenyl-d14	12.99	244	558733	79.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	22839	3.477	ng	Qvalue # 92
84) Bis(2-ethylhexyl)phthalate	14.01	149	19181	3.752	ng	94

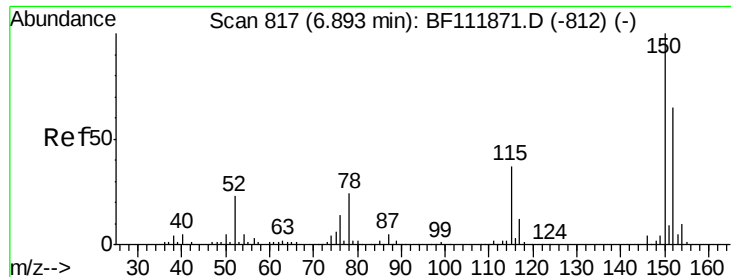
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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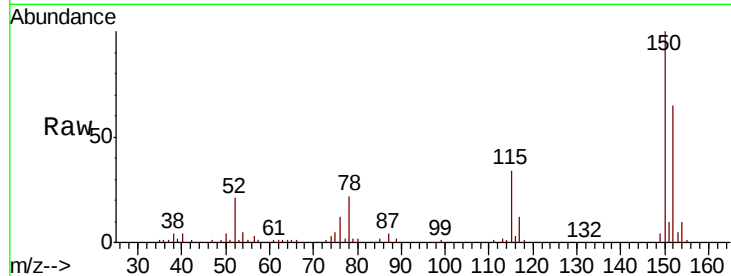


#1

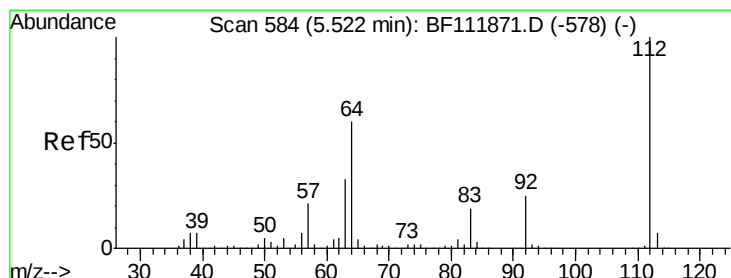
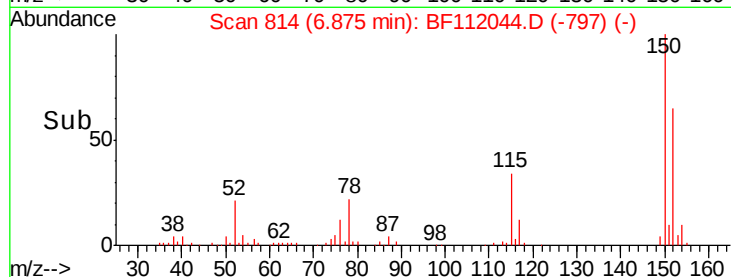
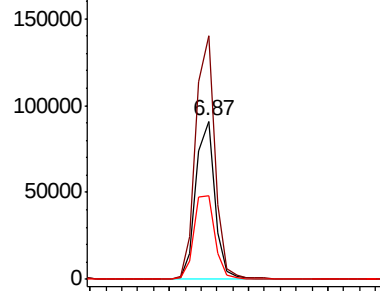
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112044.D
Acq: 12 Jan 2019 4:52

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion:152 Resp: 76488
Ion Ratio Lower Upper
152 100
150 154.1 122.7 184.1
115 52.6 45.2 67.8



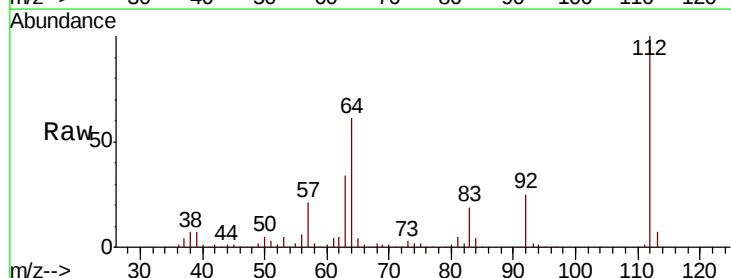
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



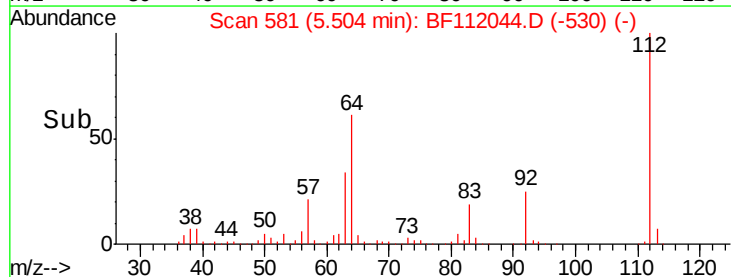
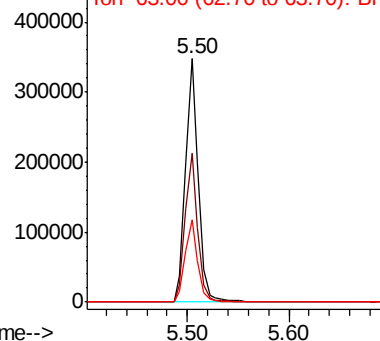
#5

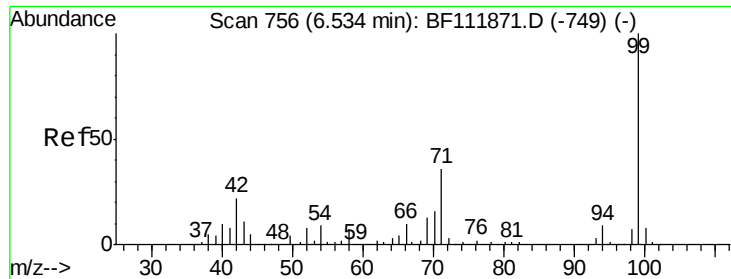
2-Fluorophenol
Concen: 68.483 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112044.D
Acq: 12 Jan 2019 4:52

Tgt Ion:112 Resp: 306176
Ion Ratio Lower Upper
112 100
64 61.2 48.3 72.5
63 33.6 26.1 39.1



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: 95.579 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE

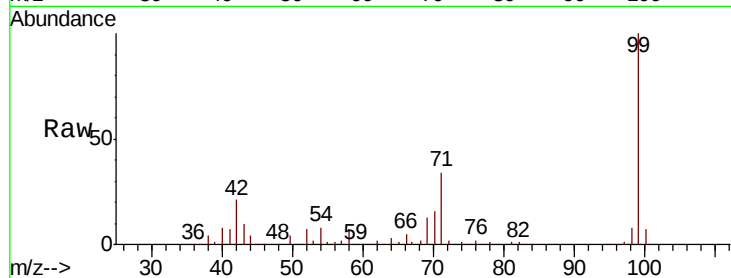
Tot Ion: 99 Resp: 550766

Ion Ratio Lower Upper

99 100

42 20.6 17.9 26.9

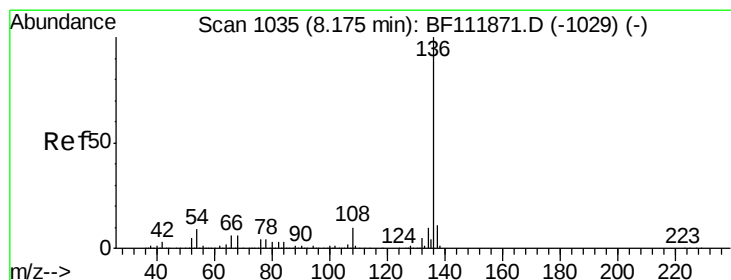
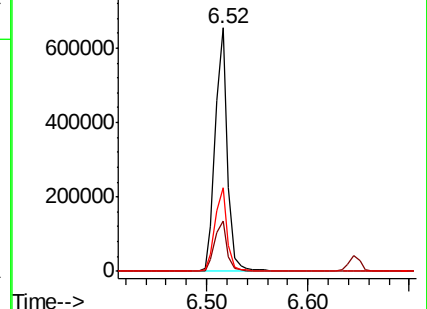
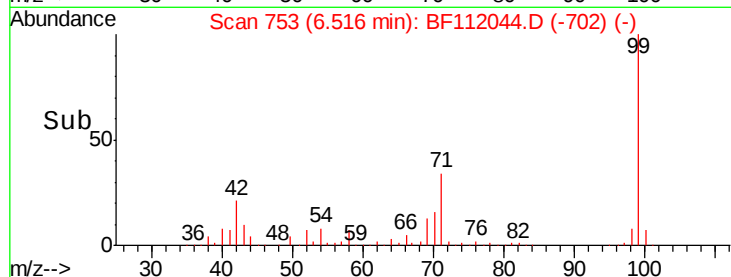
71 34.4 28.7 43.1



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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Tgt Ion: 136 Resp: 191041

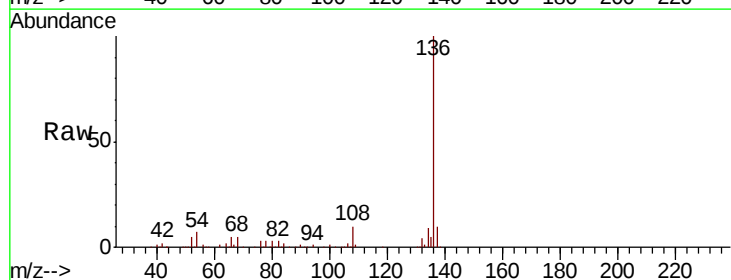
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 7.4 7.2 10.8

68 4.7 4.4 6.6

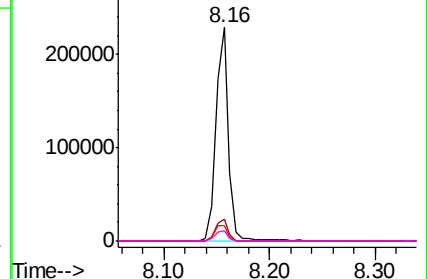
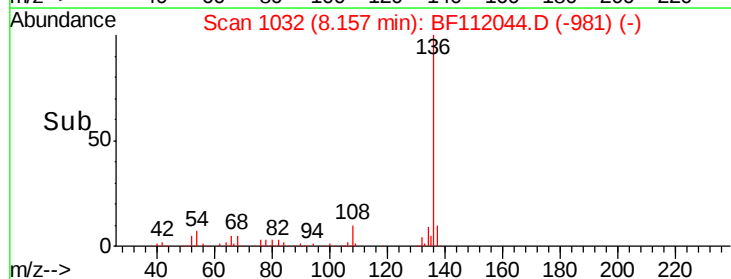


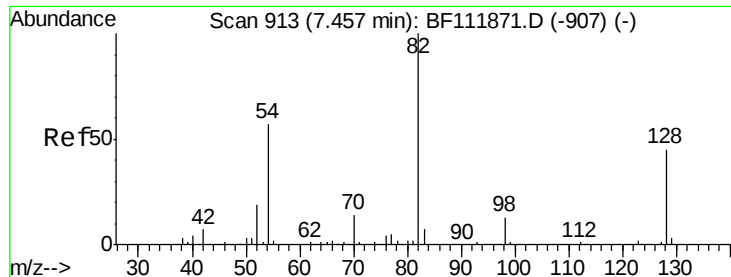
Abundance Ion 136.00 (135.70 to 136.70): E

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

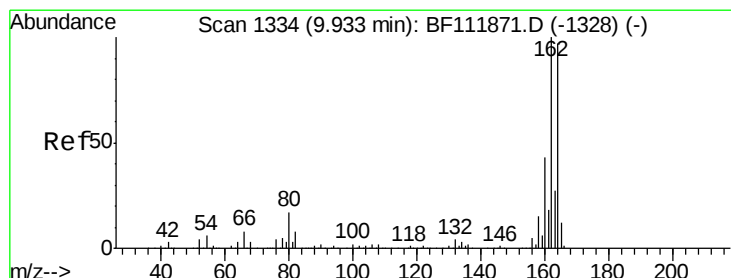
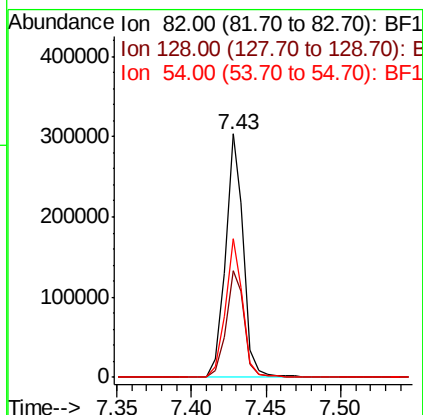
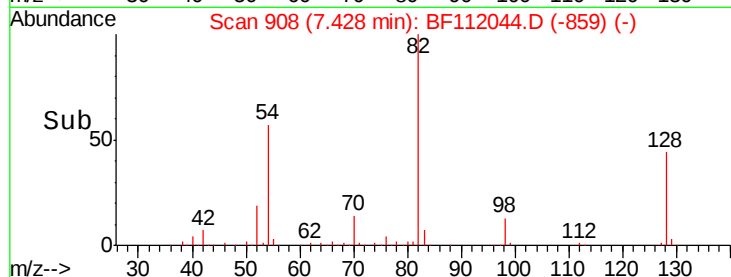
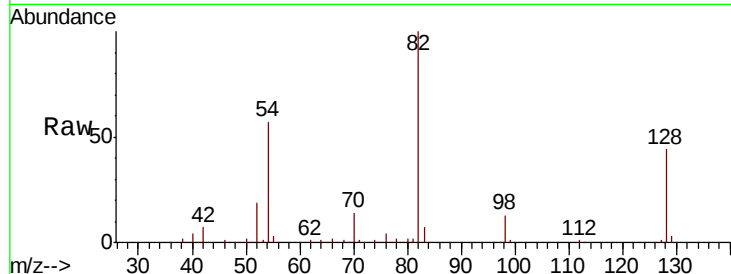




#23
Nitrobenzene-d5
Concen: 72.285 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112044.D
Acq: 12 Jan 2019 4:52

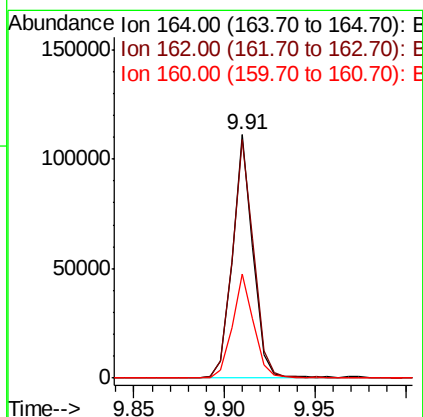
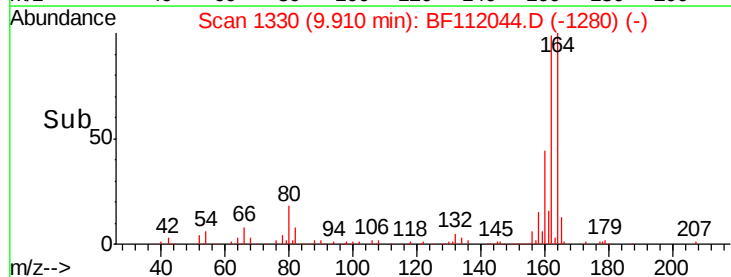
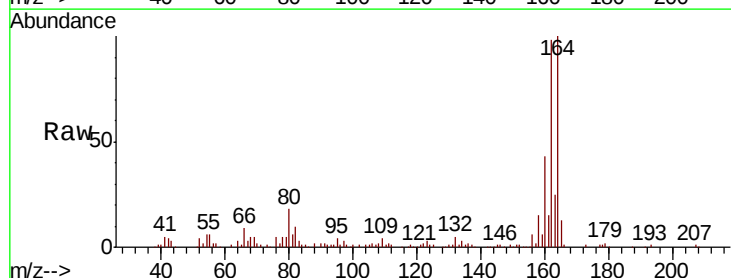
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

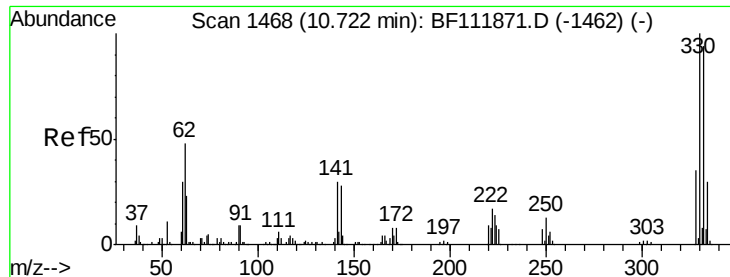
Tot Ion: 82 Resp: 258384
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 56.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112044.D
Acq: 12 Jan 2019 4:52

Tgt Ion:164 Resp: 87448
Ion Ratio Lower Upper
164 100
162 97.7 82.2 123.2
160 43.0 35.5 53.3

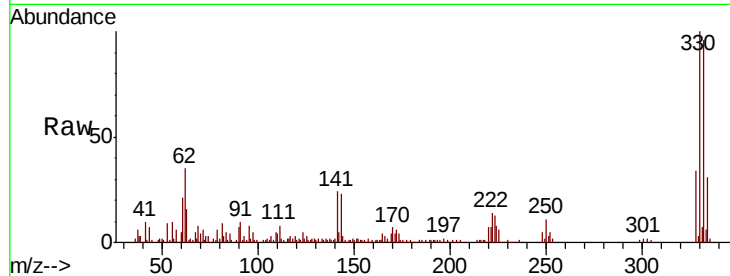




#42
 2,4,6-Tribromophenol
 Concen: 92.701 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF112044.D
 Acq: 12 Jan 2019 4:52

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	31.4	23.7	35.5

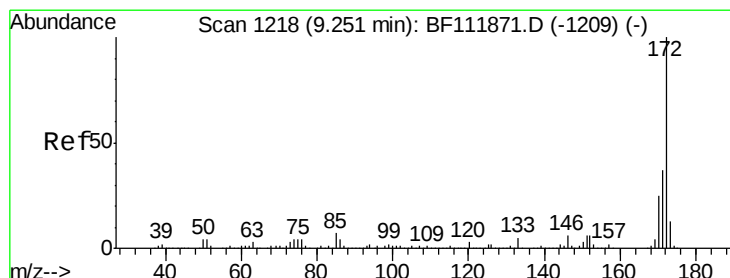
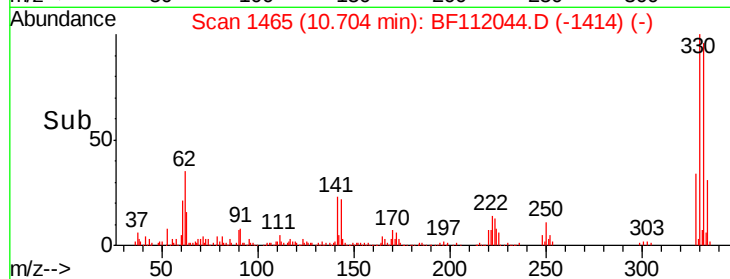
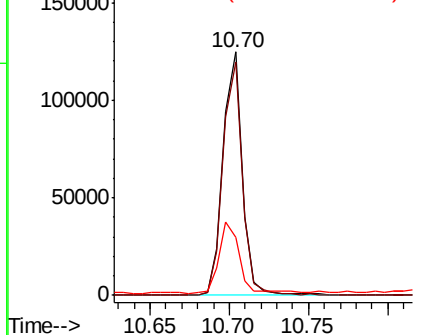


Abundance

Ion 329.80 (329.50 to 330.50): E

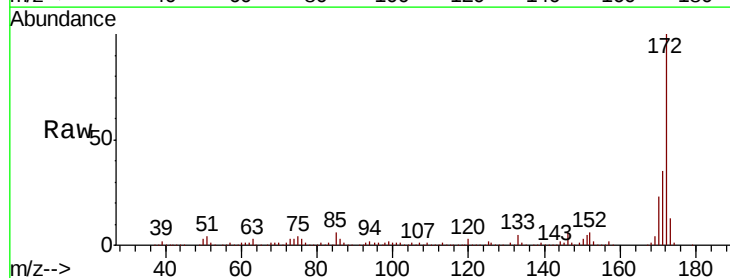
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.575 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112044.D
 Acq: 12 Jan 2019 4:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.0	19.8	29.8

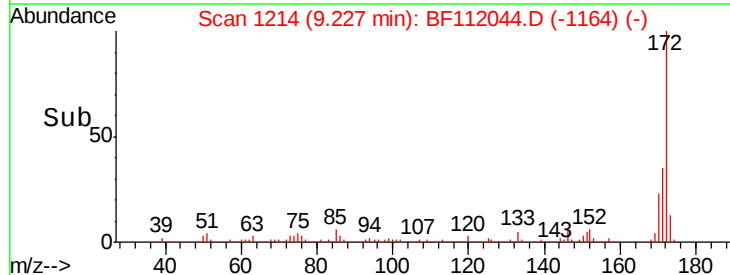
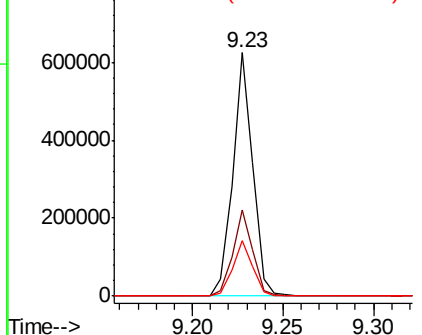


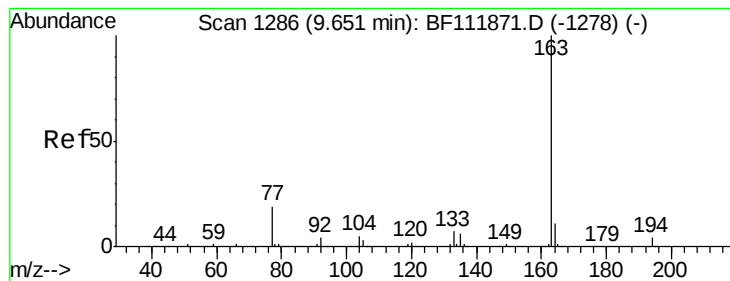
Abundance

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: 3.477 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE

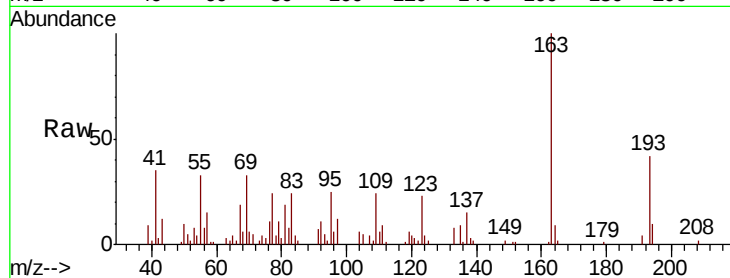
Tot Ion:163 Resp: 22839

Ion Ratio Lower Upper

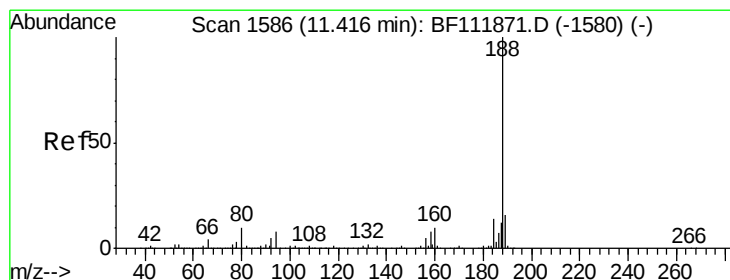
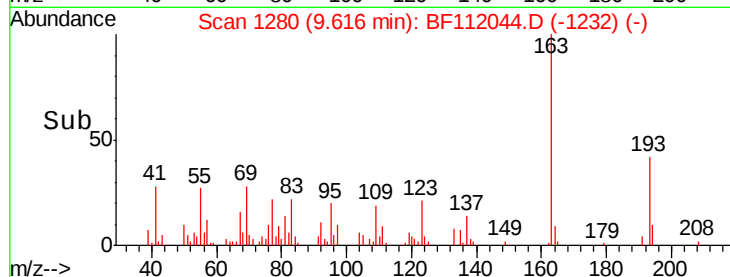
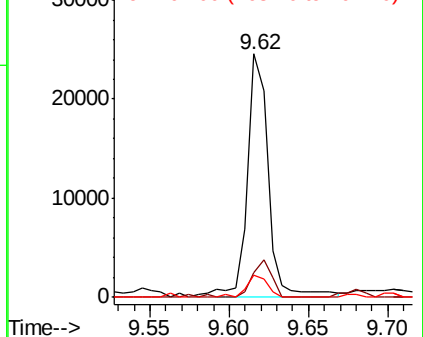
163 100

194 10.2 3.4 5.2#

164 9.1 8.5 12.7



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: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

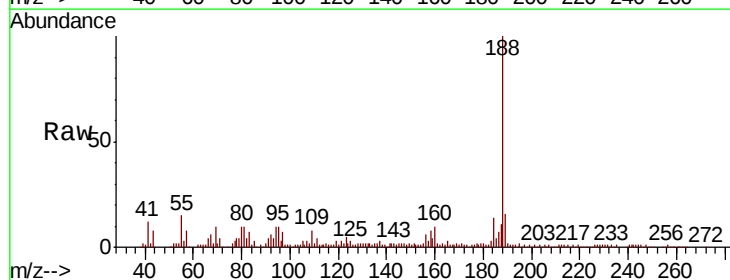
Tgt Ion:188 Resp: 164012

Ion Ratio Lower Upper

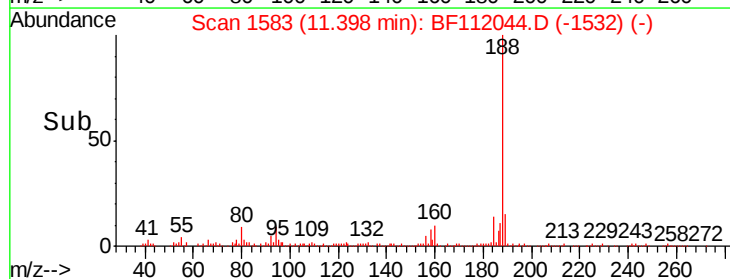
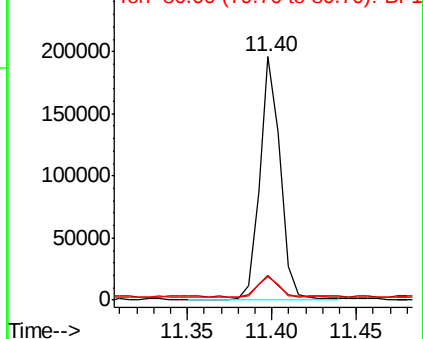
188 100

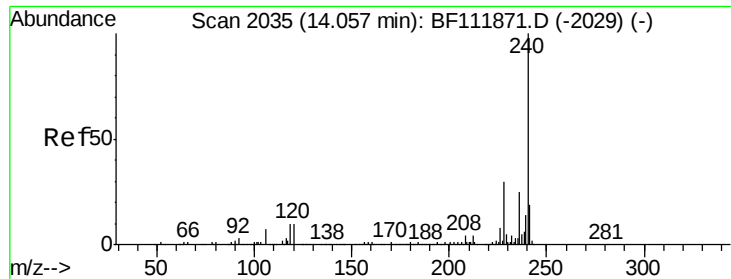
94 9.9 6.6 10.0

80 9.6 7.7 11.5



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

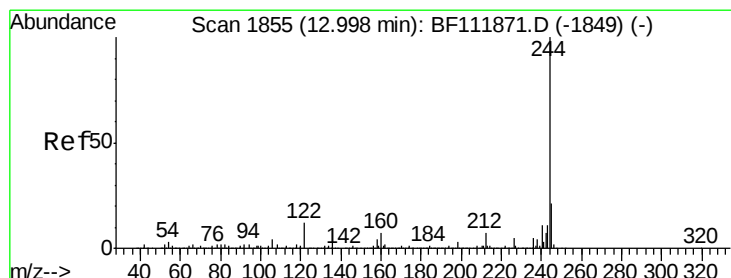
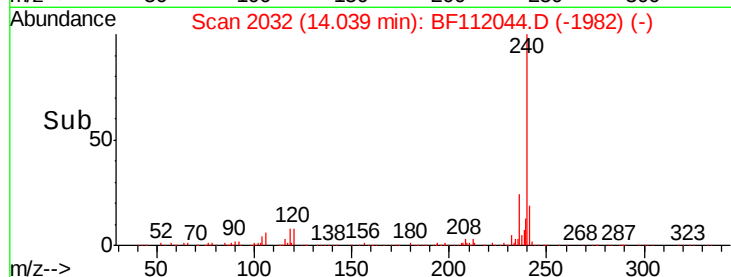
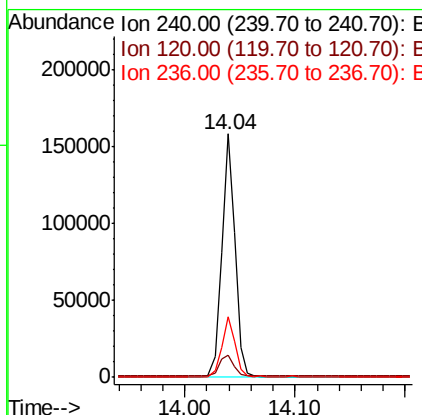
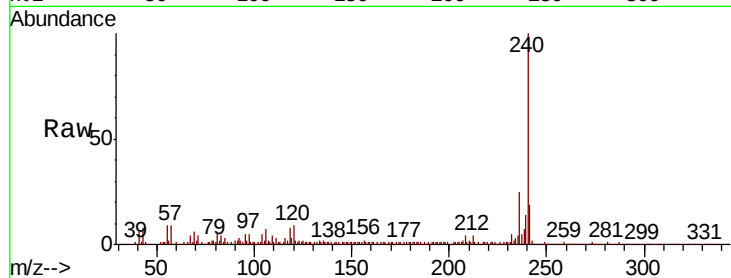




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF112044.D
 Acq: 12 Jan 2019 4:52

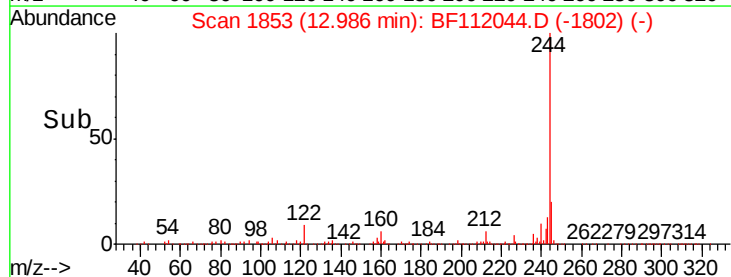
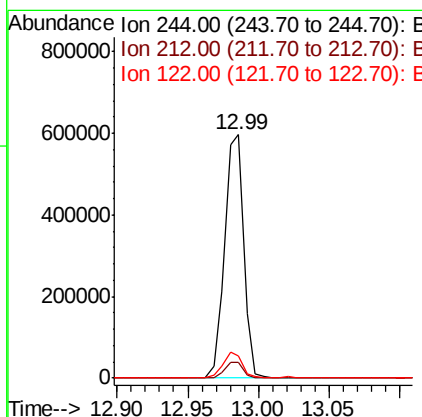
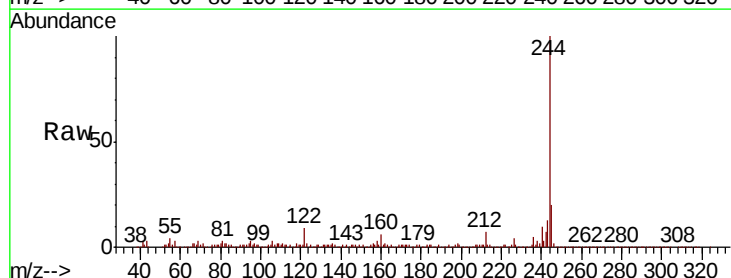
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

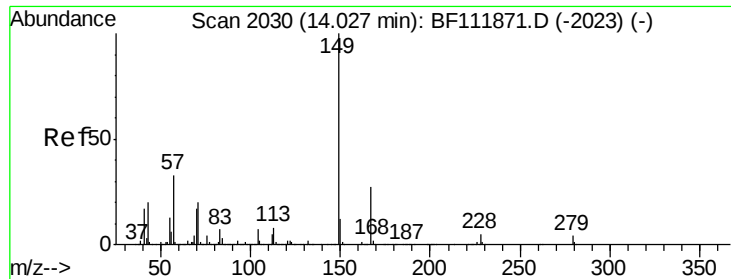
Tot Ion:240 Resp: 133819
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.2 12.2
 236 24.7 20.2 30.4



#79
 Terphenyl-d14
 Concen: 79.256 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF112044.D
 Acq: 12 Jan 2019 4:52

Tgt Ion:244 Resp: 558733
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 9.0 9.5 14.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.752 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE

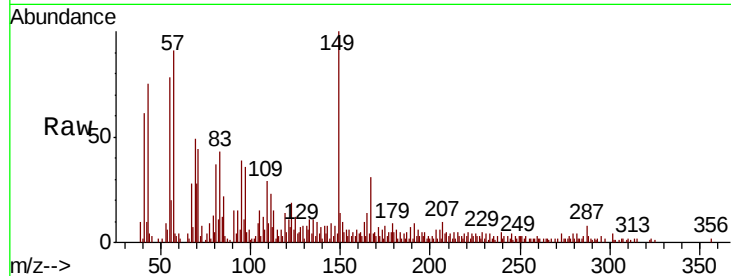
Tot Ion:149 Resp: 19181

Ion Ratio Lower Upper

149 100

167 30.6 21.5 32.3

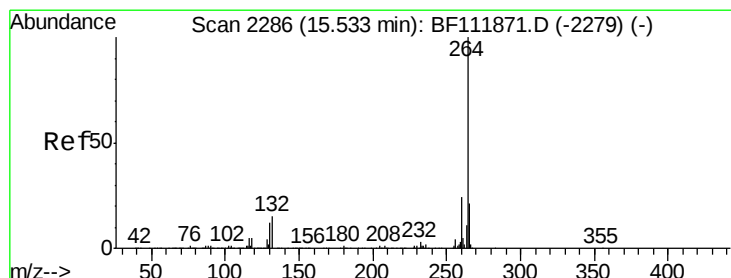
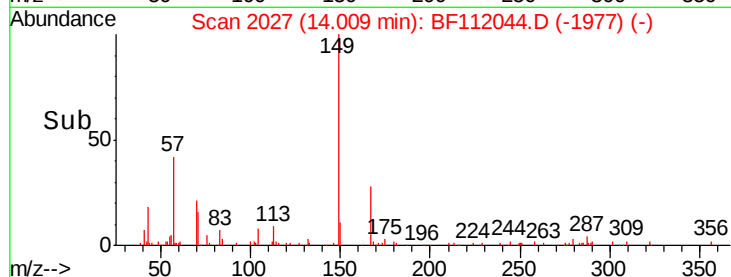
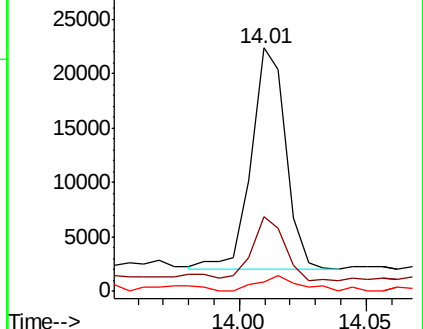
279 3.9 3.0 4.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112044.D

Acq: 12 Jan 2019 4:52

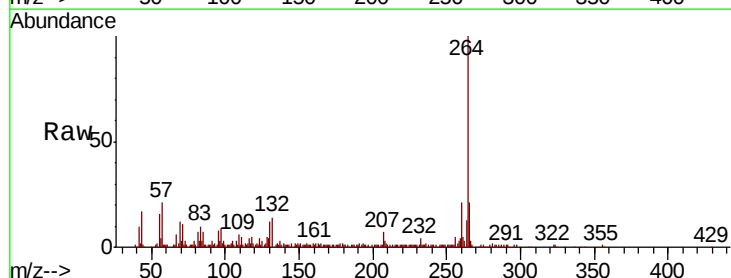
Tgt Ion:264 Resp: 97822

Ion Ratio Lower Upper

264 100

260 21.1 19.2 28.8

265 21.4 17.1 25.7



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

