

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114641.D
 Acq On : 29 May 2019 19:10
 Operator : HP/JU
 Sample : K3053-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-SOIL-PILE

Quant Time: May 30 04:28:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

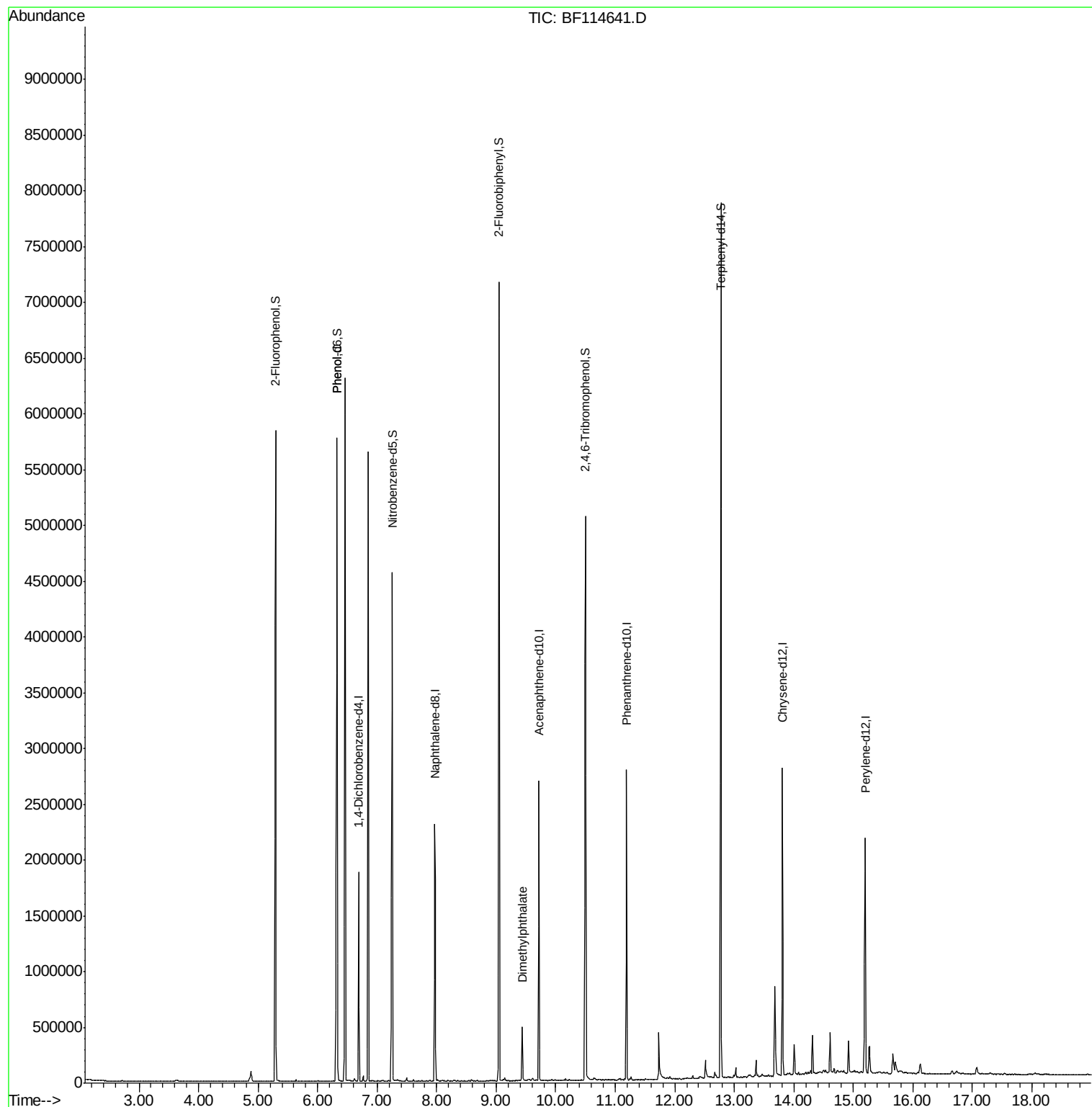
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	251770	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	971590	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	482523	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	980858	20.00	ng	0.00
76) Chrysene-d12	13.81	240	843480	20.00	ng	0.00
87) Perylene-d12	15.20	264	867370	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1888540	131.70	ng	0.00
7) Phenol-d6	6.33	99	2298941	133.04	ng	0.00
23) Nitrobenzene-d5	7.25	82	1400936	89.96	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	641495	139.53	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2329276	92.00	ng	0.00
79) Terphenyl-d14	12.77	244	2829569	63.07	ng	0.00
Target Compounds						
10) Phenol	6.33	94	70581	3.381	ng	96
50) Dimethylphthalate	9.44	163	190953	5.679	ng	98

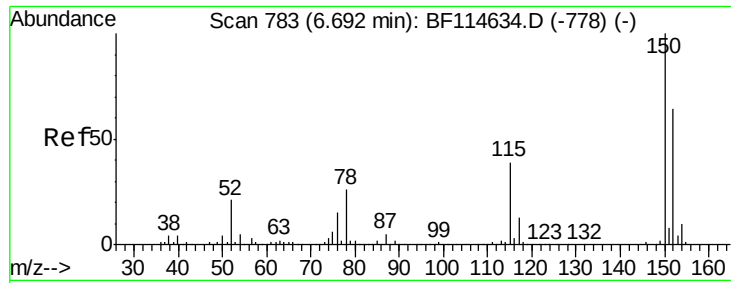
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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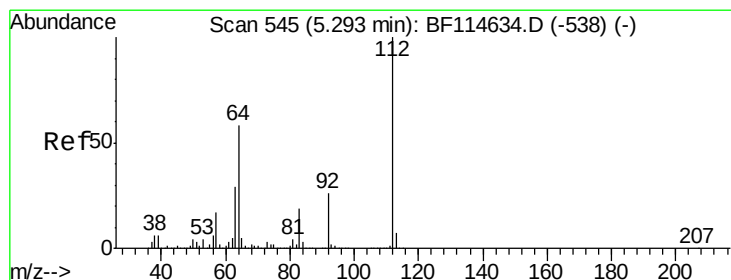
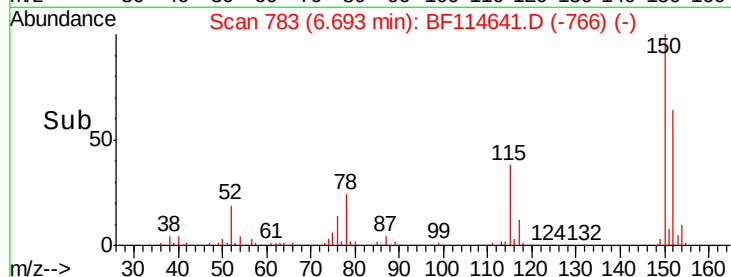
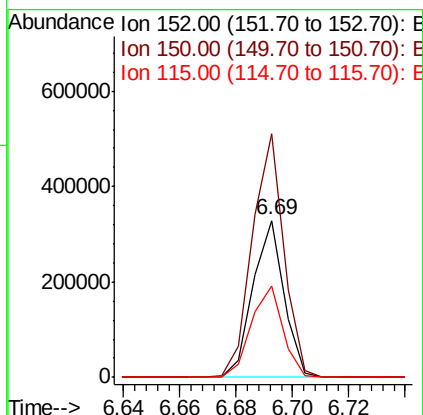
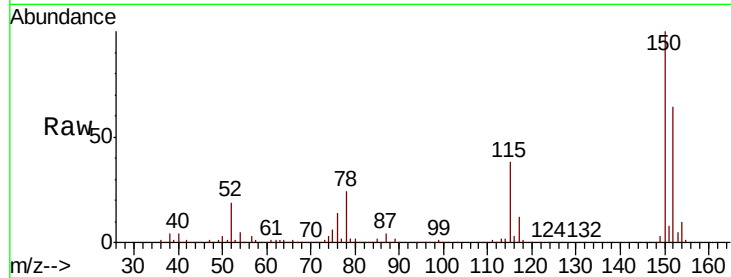


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF114641.D
 Acq: 29 May 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CR-SOIL-PILE

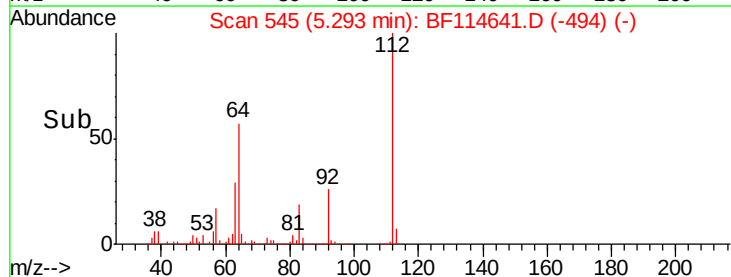
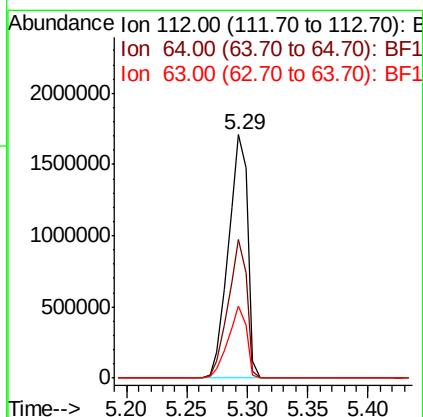
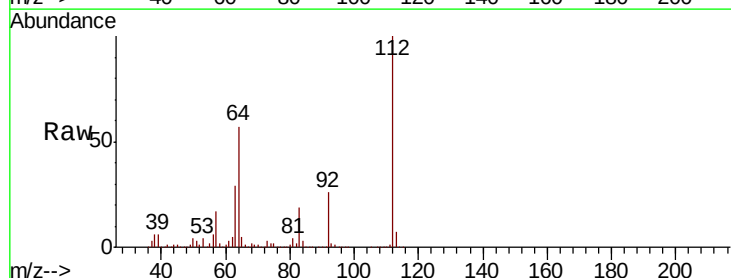
Tot Ion:152 Resp: 251770
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.4 186.6
 115 58.4 48.7 73.1

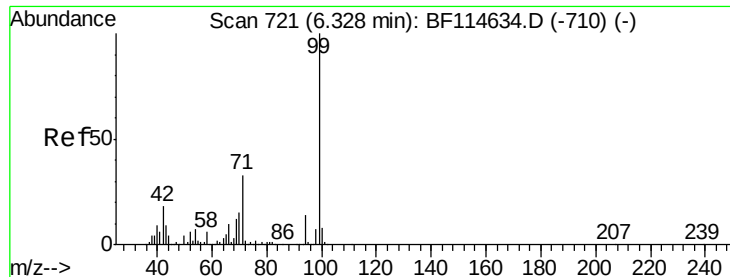


#5

2-Fluorophenol
 Concen: 131.697 ng
 RT: 5.29 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF114641.D
 Acq: 29 May 2019 19:10

Tgt Ion:112 Resp: 1888540
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.1 69.1
 63 29.4 23.4 35.2





#7

Phenol-d6

Concen: 133.038 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114641.D

Acq: 29 May 2019 19:10

Instrument :

BNA_F

ClientSampleId :

CR-SOIL-PILE

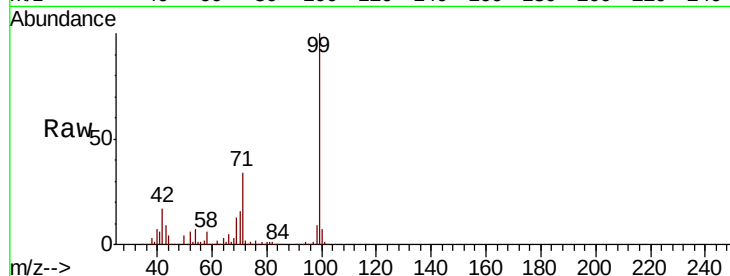
Tot Ion: 99 Resp: 2298941

Ion Ratio Lower Upper

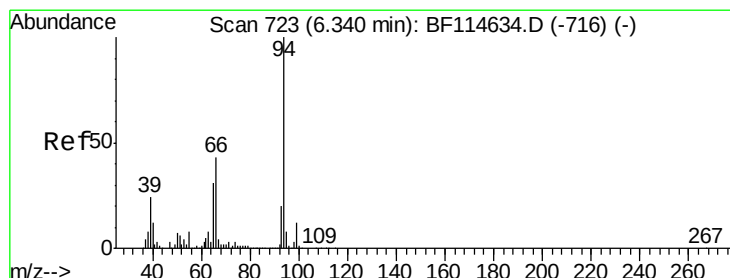
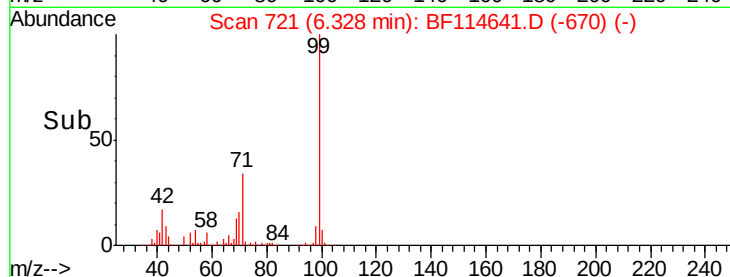
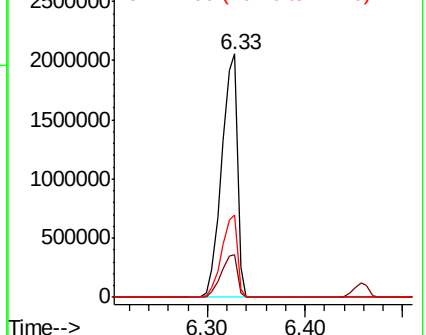
99 100

42 17.3 14.7 22.1

71 33.8 26.6 40.0



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



#10

Phenol

Concen: 3.381 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF114641.D

Acq: 29 May 2019 19:10

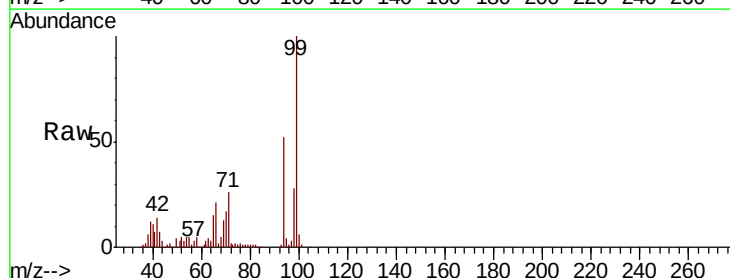
Tgt Ion: 94 Resp: 70581

Ion Ratio Lower Upper

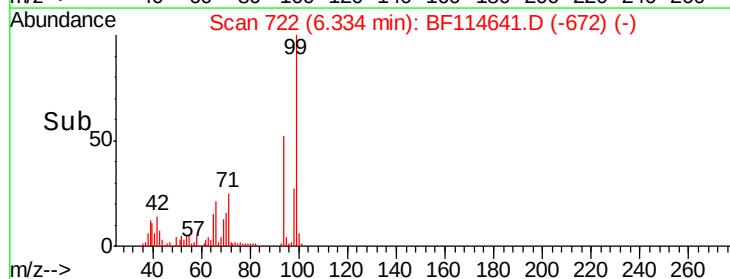
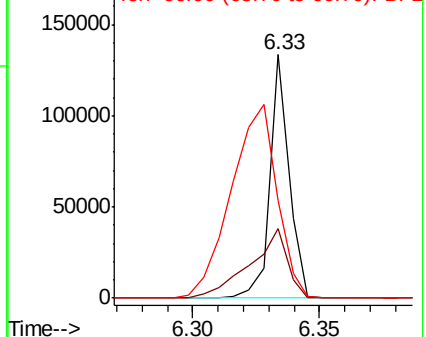
94 100

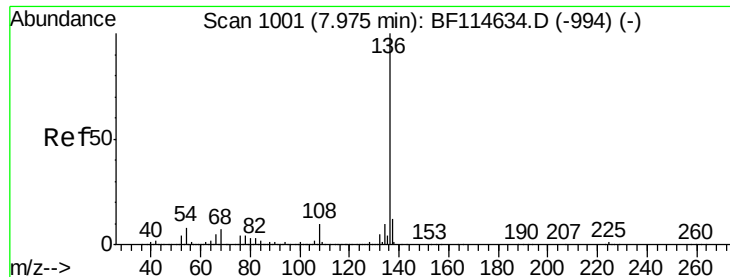
65 28.5 11.0 51.0

66 40.4 23.0 63.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

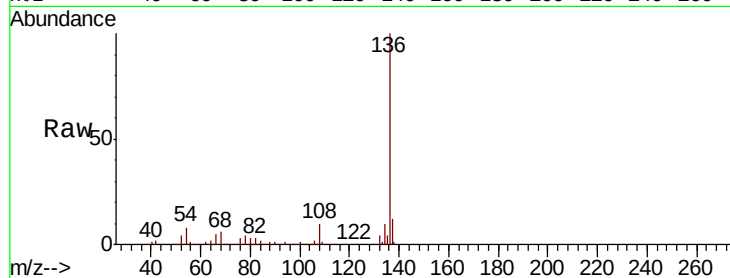




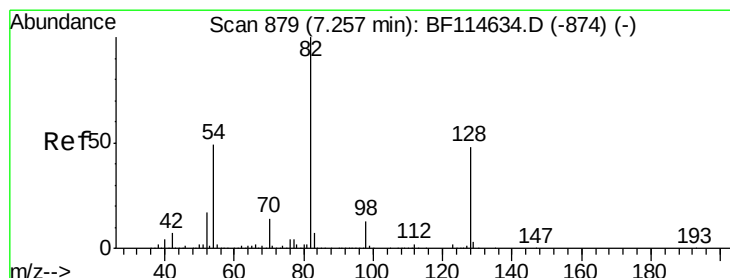
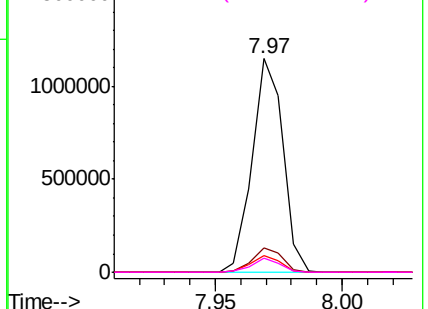
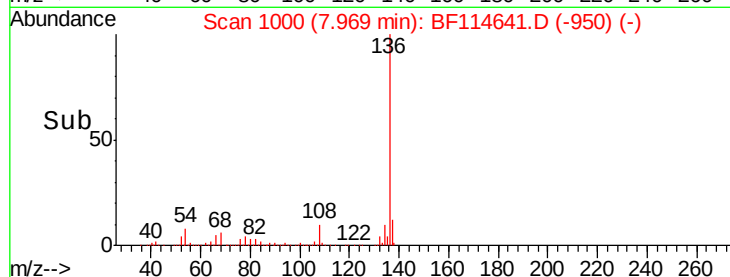
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF114641.D
Acq: 29 May 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CR-SOIL-PILE

Tot Ion:136	Resp:	971590
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.3	13.9
54 7.6	6.3	9.5
68 6.3	5.4	8.0

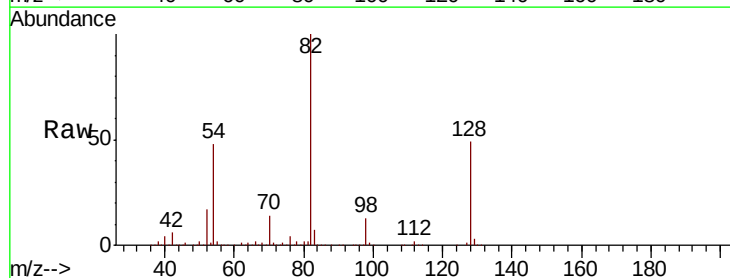


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

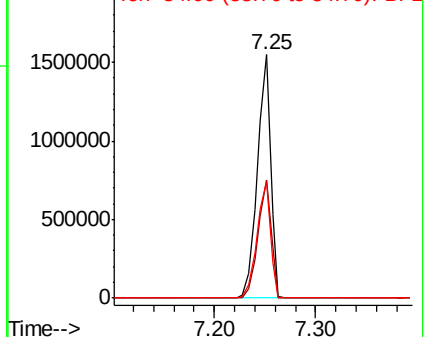
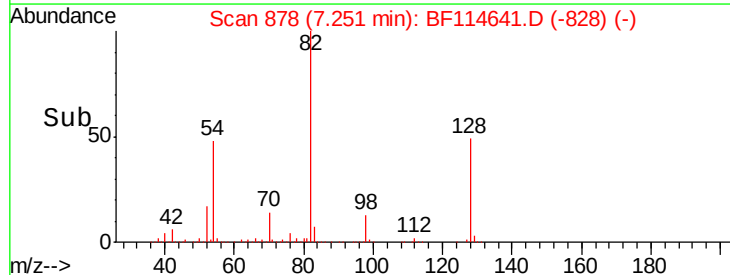


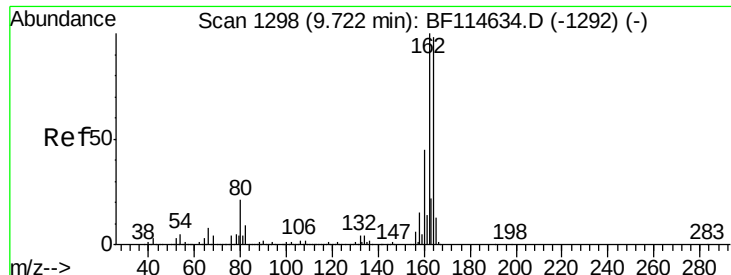
#23
Nitrobenzene-d5
Concen: 89.959 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114641.D
Acq: 29 May 2019 19:10

Tgt Ion: 82	Resp: 1400936
Ion Ratio	Lower Upper
82 100	
128 48.7	38.5 57.7
54 47.9	39.1 58.7



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

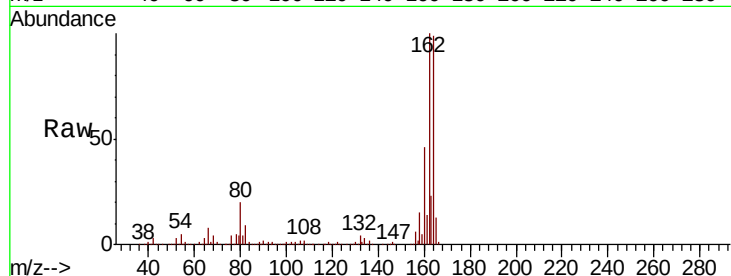




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114641.D
Acq: 29 May 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CR-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.2
160	46.4	36.6	54.8

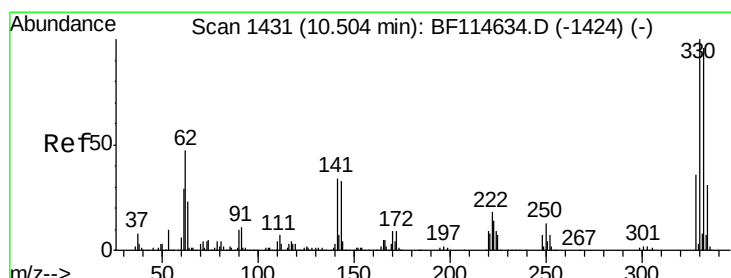
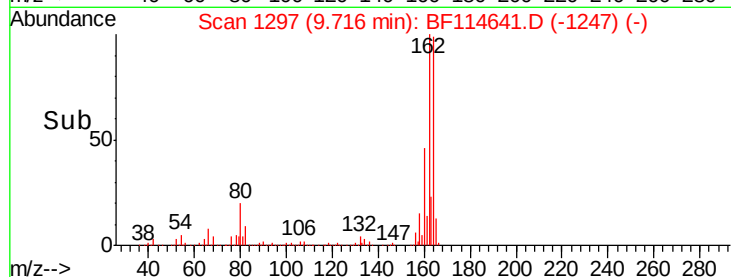
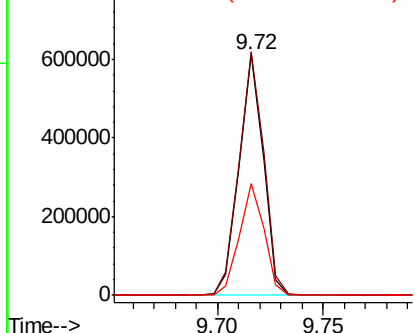


Abundance

Ion 164.00 (163.70 to 164.70): E

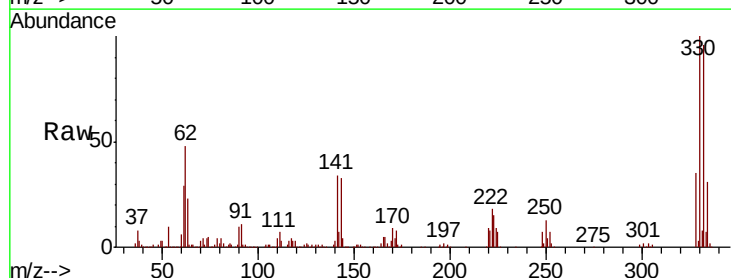
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 139.526 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114641.D
Acq: 29 May 2019 19:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.8	113.8
141	33.5	27.8	41.8

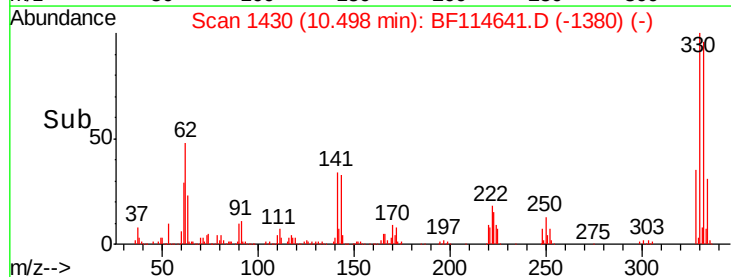
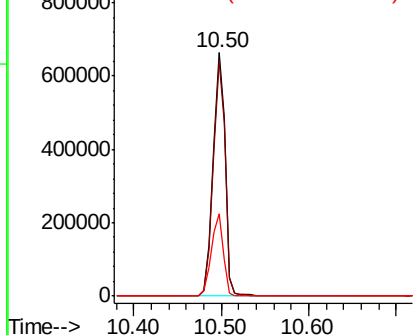


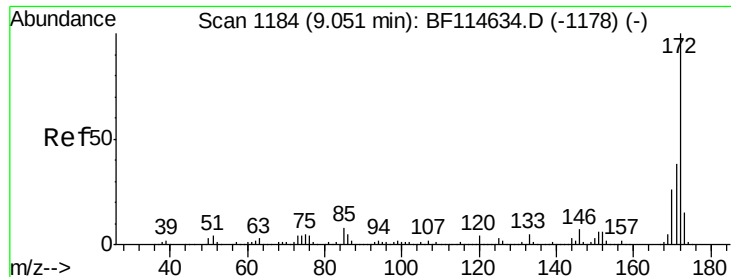
Abundance

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

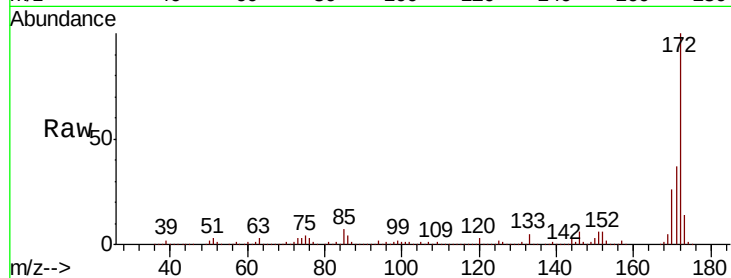




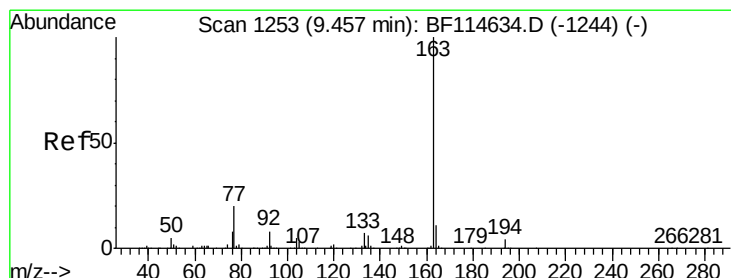
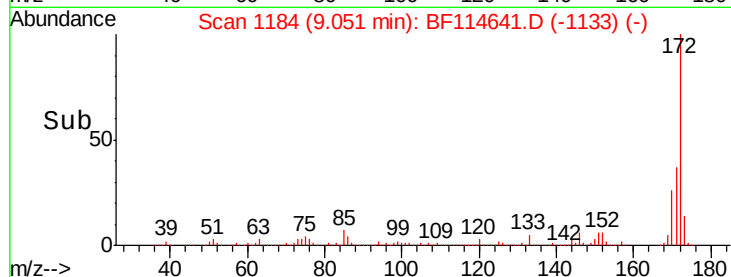
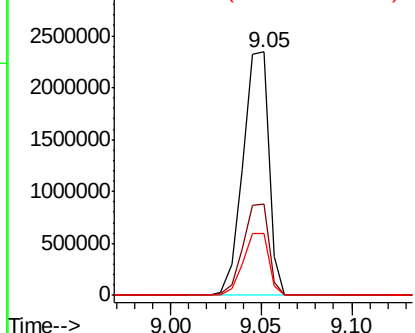
#45
2-Fluorobiphenyl
Concen: 91.997 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114641.D
Acq: 29 May 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CR-SOIL-PILE

Tot Ion:172 Resp: 2329276
Ion Ratio Lower Upper
172 100
171 37.3 30.6 45.8
170 25.6 20.7 31.1

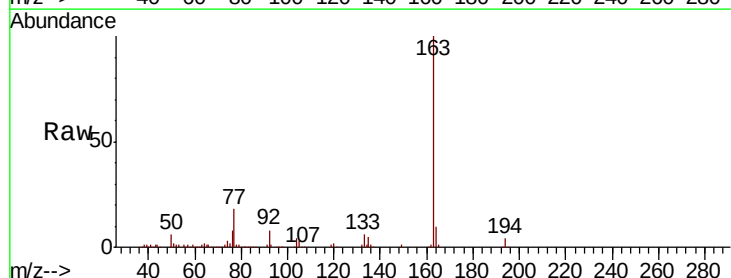


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

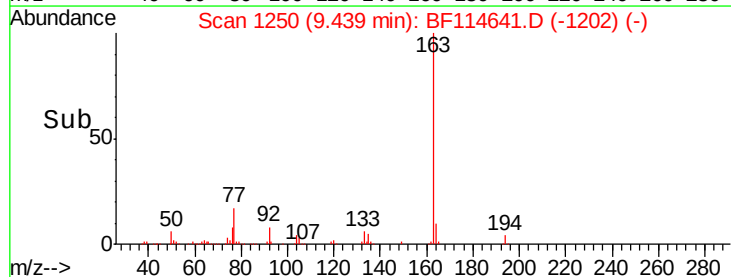
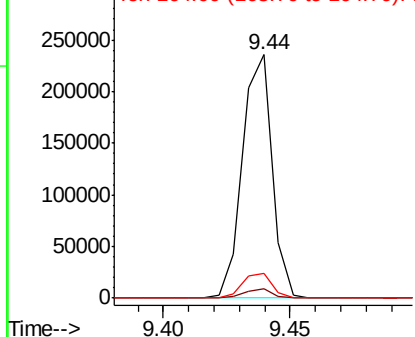


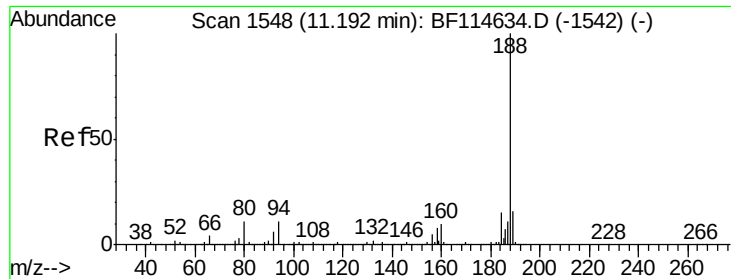
#50
Dimethylphthalate
Concen: 5.679 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114641.D
Acq: 29 May 2019 19:10

Tgt Ion:163 Resp: 190953
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.1 8.6 13.0



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

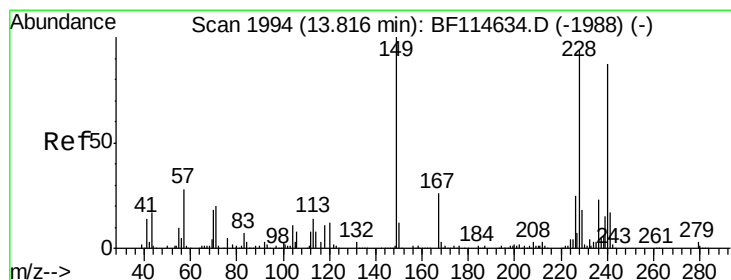
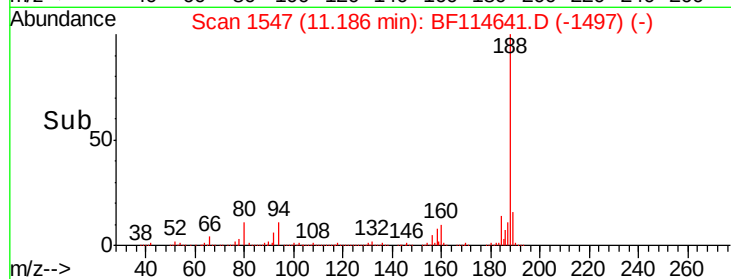
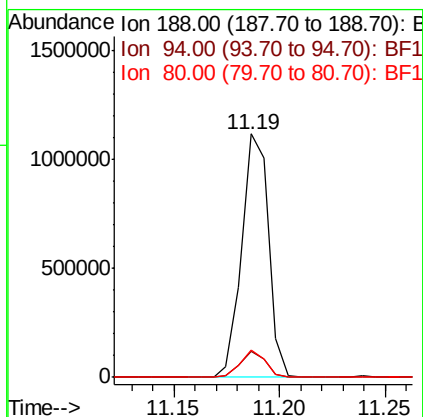
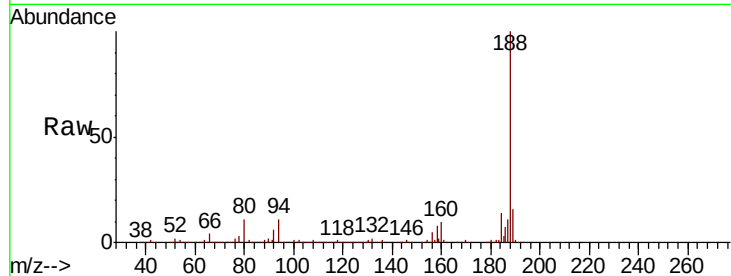




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF114641.D
 Acq: 29 May 2019 19:10

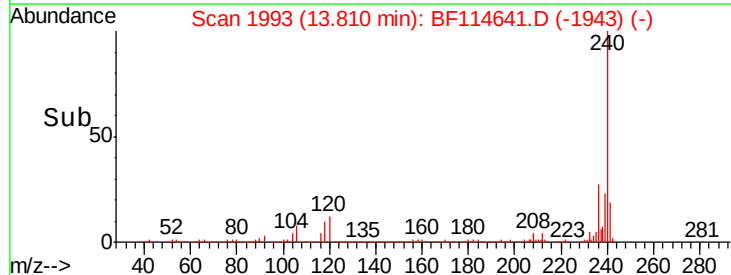
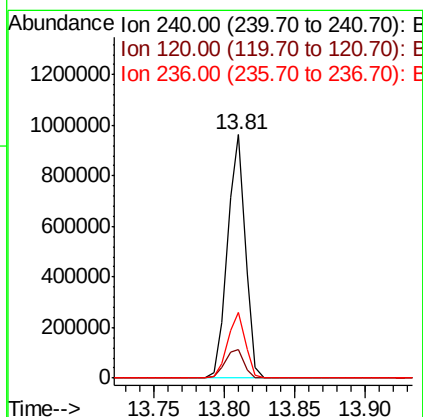
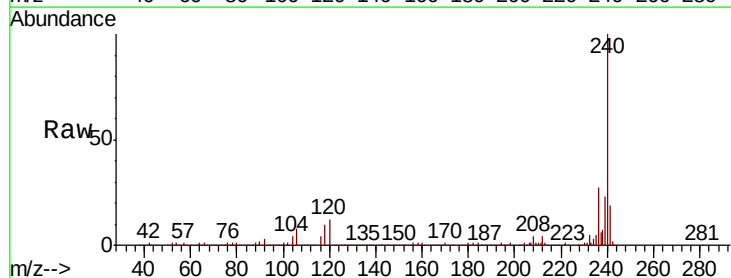
Instrument :
 BNA_F
 ClientSampled :
 CR-SOIL-PILE

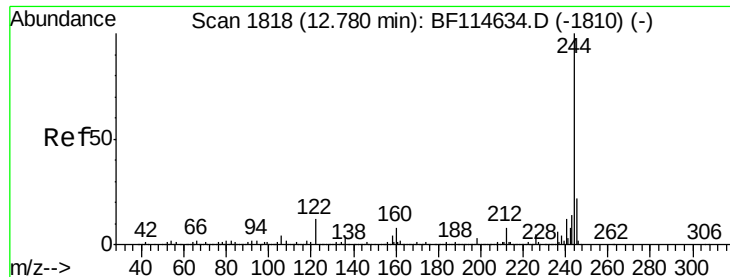
Tot Ion:188	Resp: 980858
Ion Ratio	Lower Upper
188 100	
94 10.9	8.6 13.0
80 11.2	9.0 13.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114641.D
 Acq: 29 May 2019 19:10

Tgt Ion	240	Resp:	843480
Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.2	16.8
236	26.9	21.2	31.8





#79

Terphenyl-d14

Concen: 63.072 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114641.D

Acq: 29 May 2019 19:10

Instrument :

BNA_F

ClientSampleId :

CR-SOIL-PILE

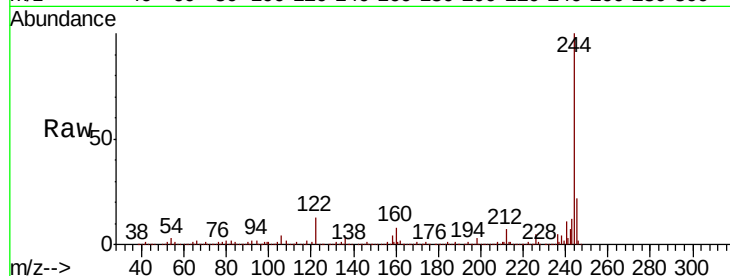
Tot Ion:244 Resp: 2829569

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

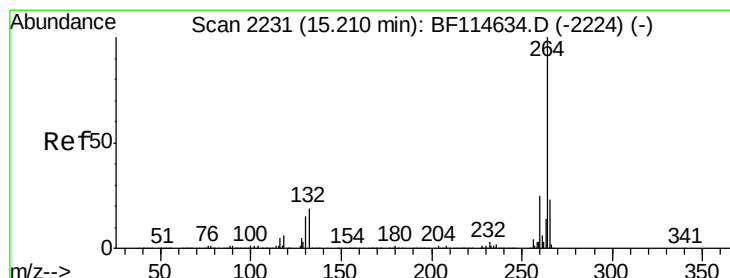
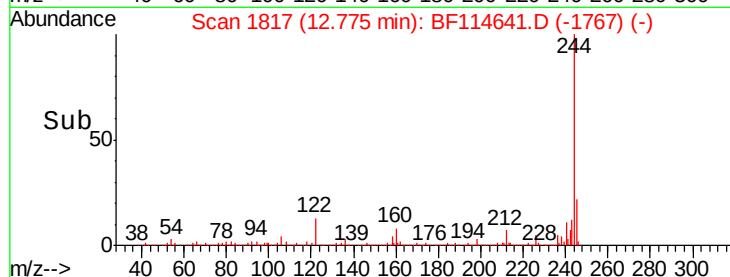
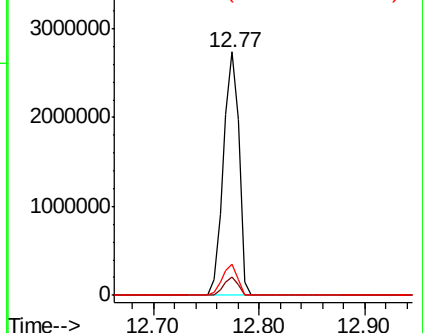
122 13.0 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114641.D

Acq: 29 May 2019 19:10

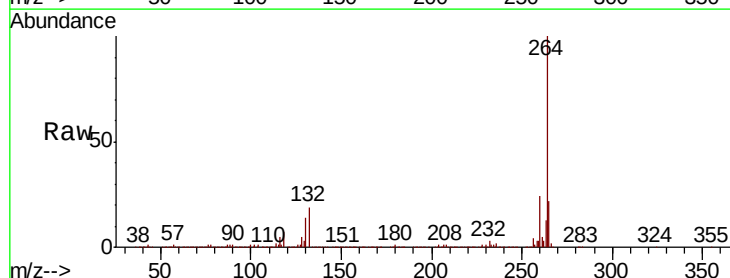
Tgt Ion:264 Resp: 867370

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.9 18.1 27.1



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

