

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116514.D
 Acq On : 24 Aug 2019 10:57
 Operator : HP/JU
 Sample : K4461-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Aug 26 03:39:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

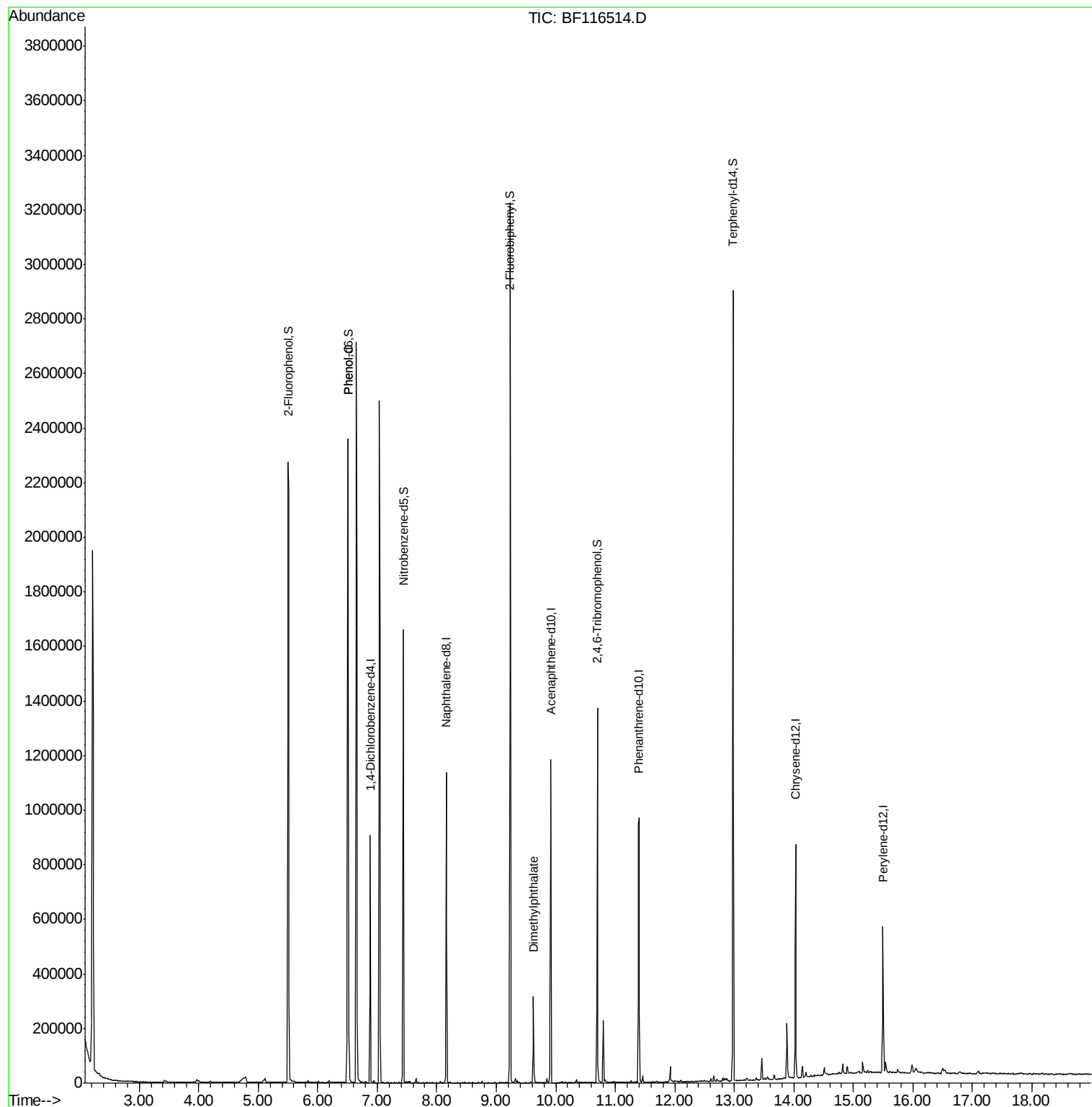
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	125014	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	459863	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	219625	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	353137	20.00	ng	0.00
76) Chrysene-d12	14.03	240	236656	20.00	ng	0.00
87) Perylene-d12	15.50	264	235468	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	680965	79.59	ng	0.01
7) Phenol-d6	6.51	99	908838	86.63	ng	0.00
23) Nitrobenzene-d5	7.44	82	531916	63.28	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	140040	74.26	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1015602	74.47	ng	0.00
79) Terphenyl-d14	12.98	244	908547	71.71	ng	0.00
Target Compounds						
10) Phenol	6.52	94	33928	2.978	ng	92
50) Dimethylphthalate	9.62	163	115188	7.517	ng	99

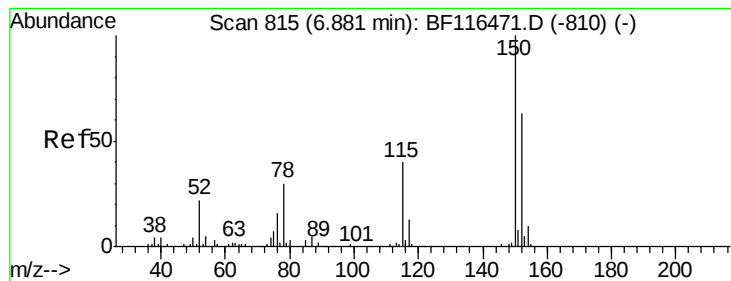
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF116514.D

Acq: 24 Aug 2019 10:57

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

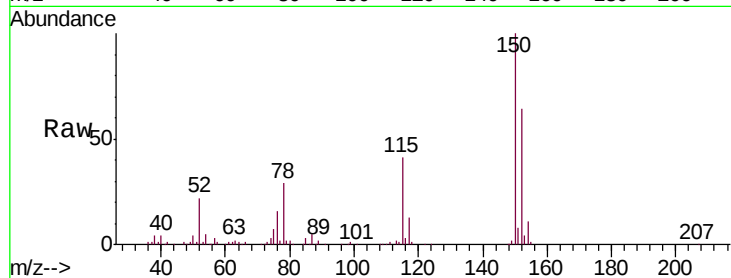
Tot Ion:152 Resp: 125014

Ion Ratio Lower Upper

152 100

150 155.4 126.7 190.1

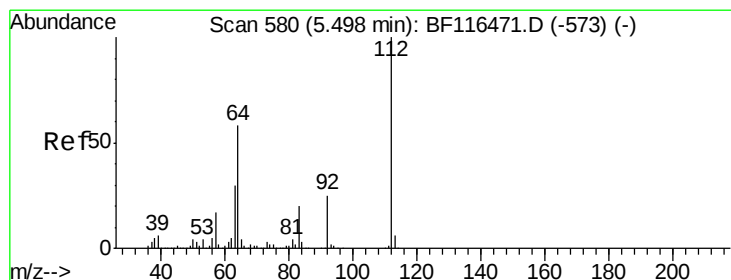
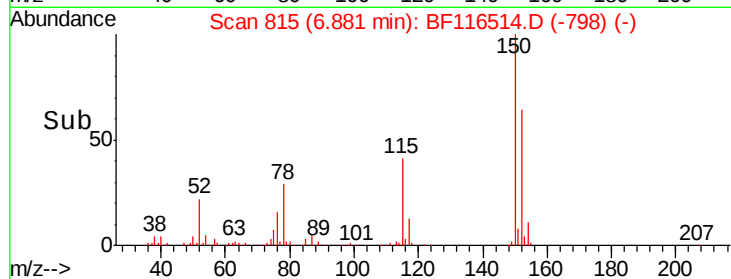
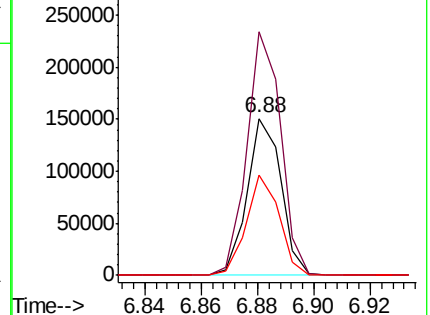
115 63.8 50.9 76.3



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: 79.590 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF116514.D

Acq: 24 Aug 2019 10:57

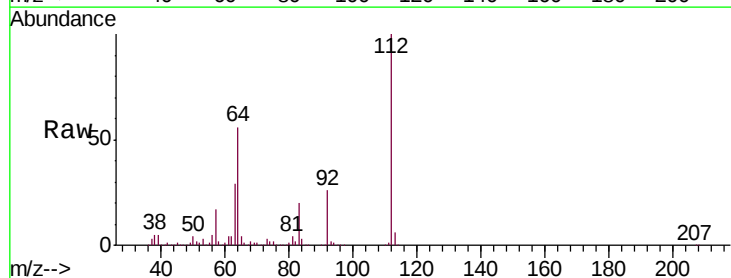
Tgt Ion:112 Resp: 680965

Ion Ratio Lower Upper

112 100

64 55.6 46.3 69.5

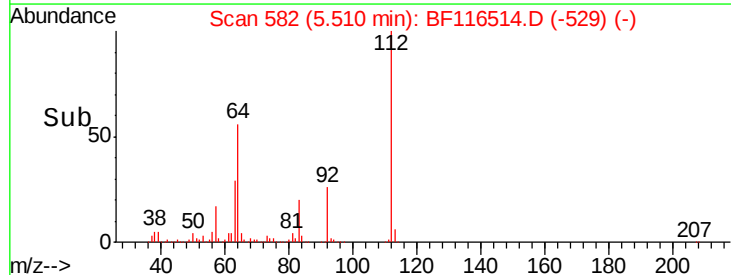
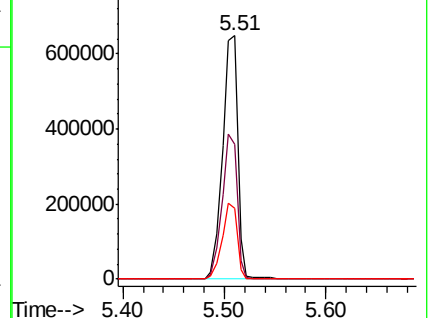
63 28.9 24.2 36.4

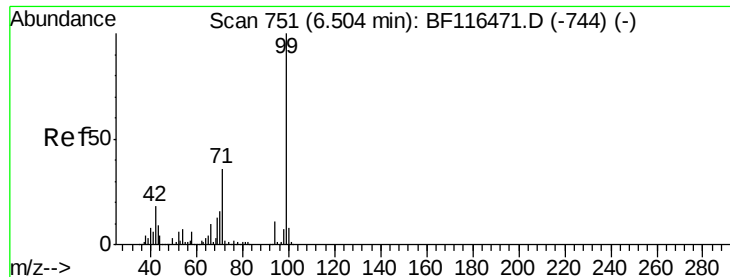


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.632 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116514.D

Acq: 24 Aug 2019 10:57

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

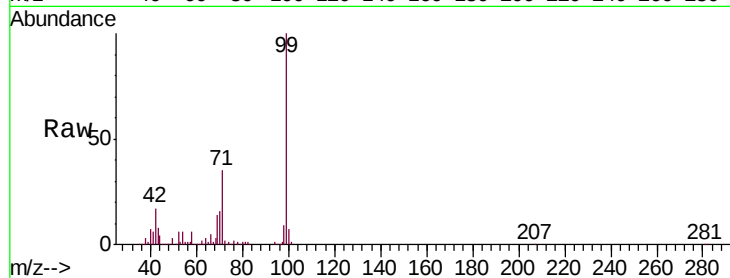
Tot Ion: 99 Resp: 908838

Ion Ratio Lower Upper

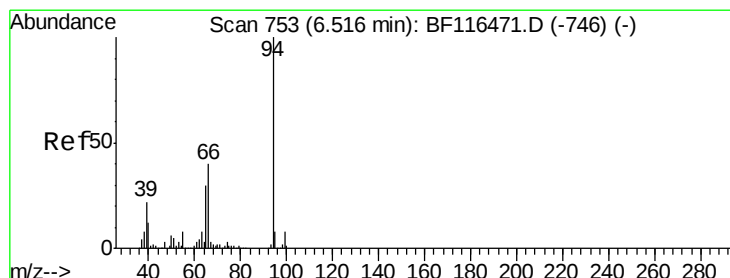
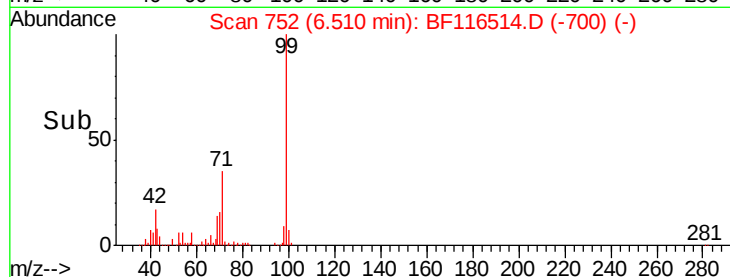
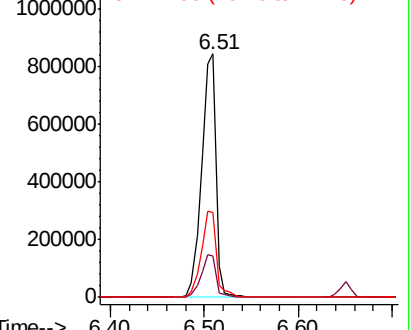
99 100

42 17.0 14.6 21.8

71 35.1 28.5 42.7



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: 2.978 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF116514.D

Acq: 24 Aug 2019 10:57

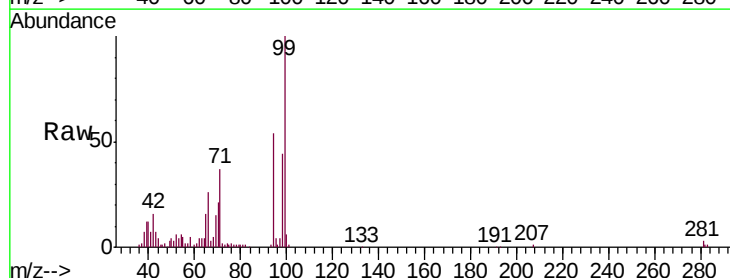
Tgt Ion: 94 Resp: 33928

Ion Ratio Lower Upper

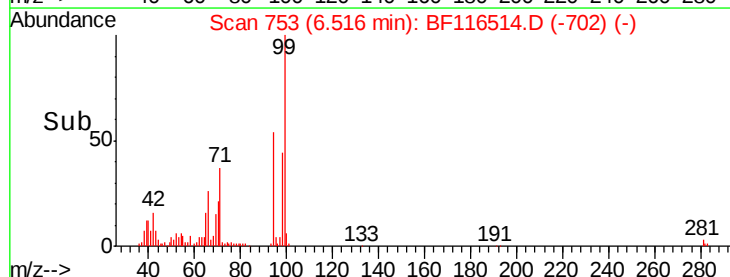
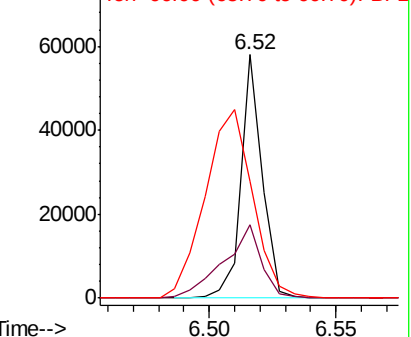
94 100

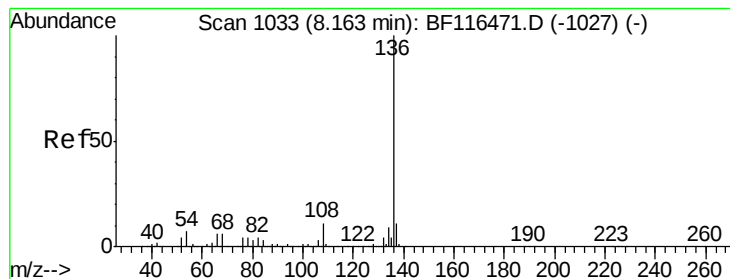
65 30.1 10.0 50.0

66 48.0 19.8 59.8



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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116514.D

Acq: 24 Aug 2019 10:57

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

Tot Ion:136 Resp: 459863

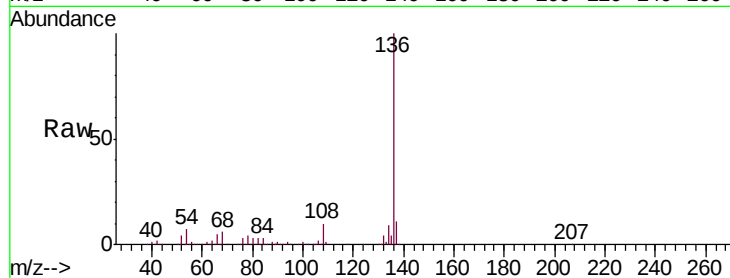
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.7 5.8 8.6

68 5.9 5.1 7.7

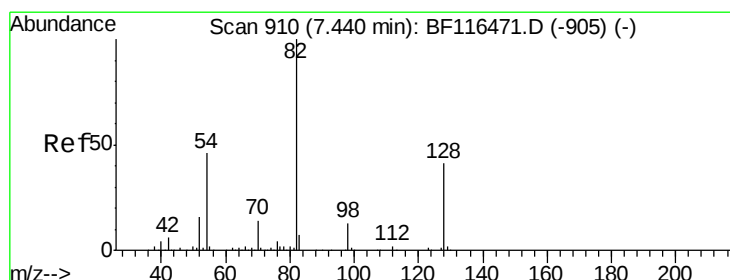
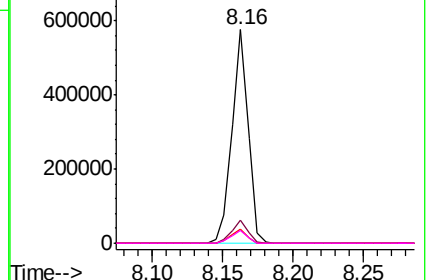
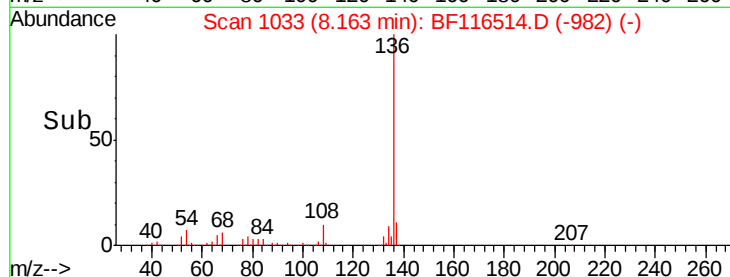


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.282 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116514.D

Acq: 24 Aug 2019 10:57

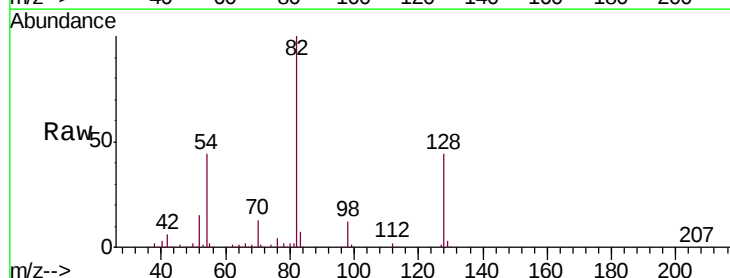
Tgt Ion: 82 Resp: 531916

Ion Ratio Lower Upper

82 100

128 44.2 32.2 48.4

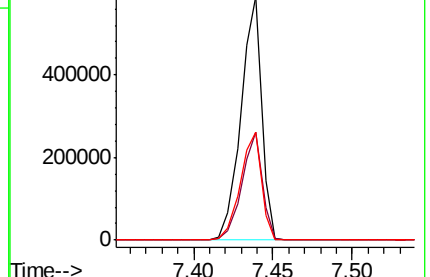
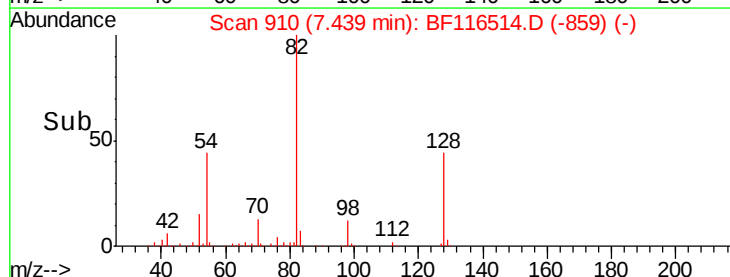
54 44.4 36.5 54.7

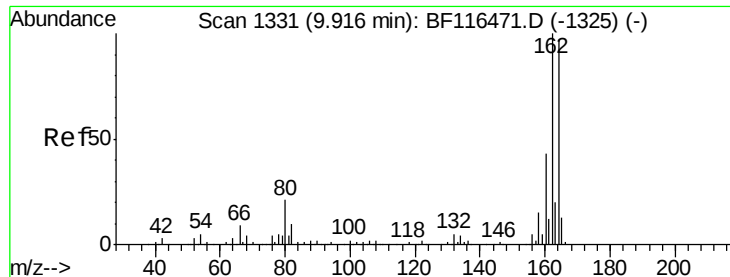


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

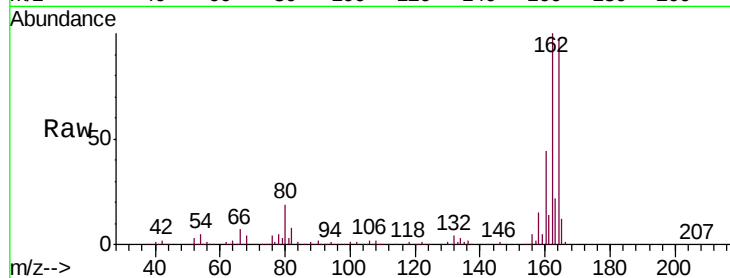




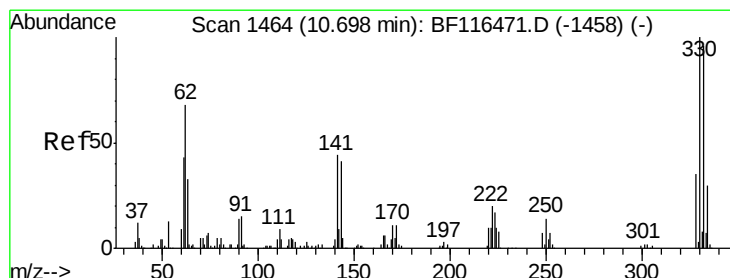
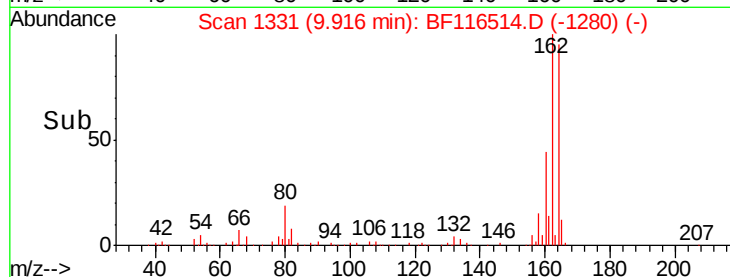
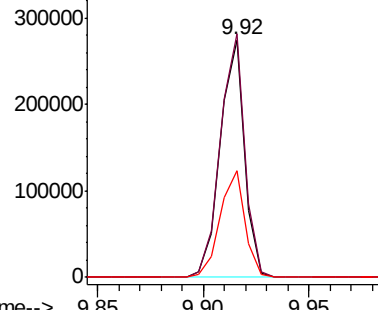
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116514.D
 Acq: 24 Aug 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.8	35.8	53.8

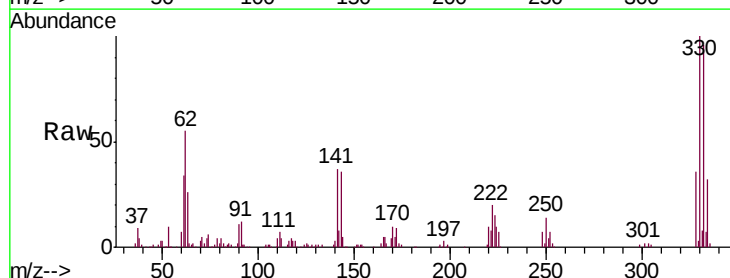


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

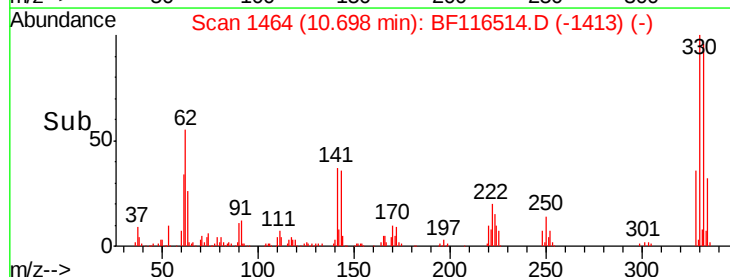
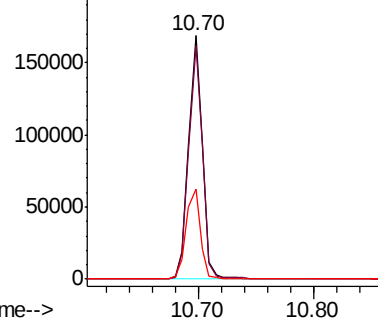


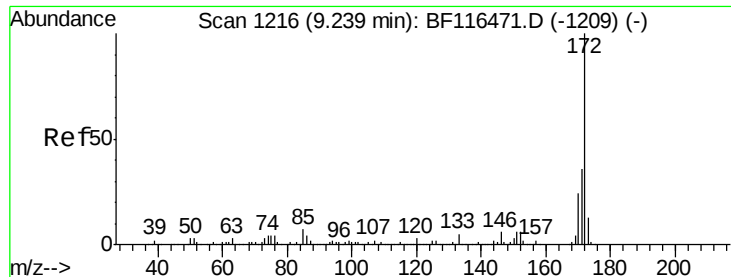
#42
 2,4,6-Tribromophenol
 Concen: 74.258 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116514.D
 Acq: 24 Aug 2019 10:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	38.8	33.3	49.9



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

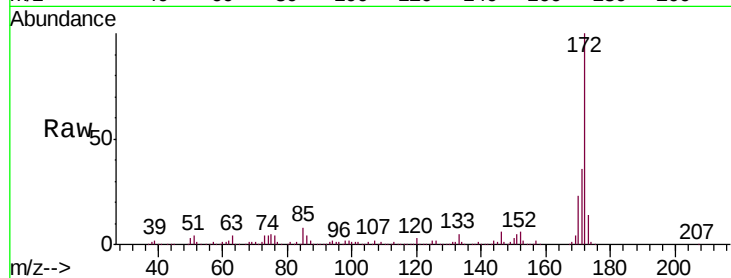




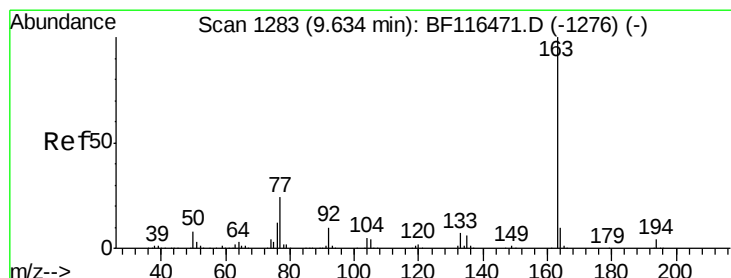
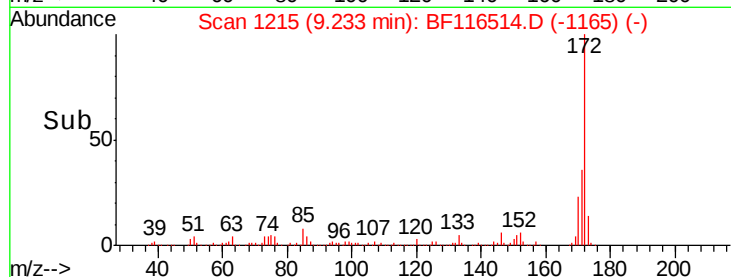
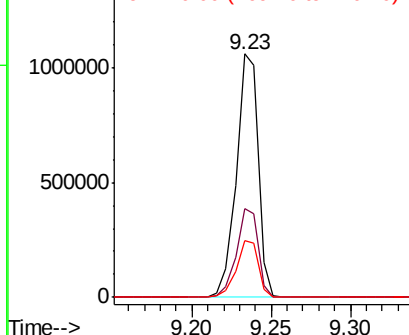
#45
2-Fluorobiphenyl
Concen: 74.469 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116514.D
Acq: 24 Aug 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:172 Resp: 1015602
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.4 19.4 29.0

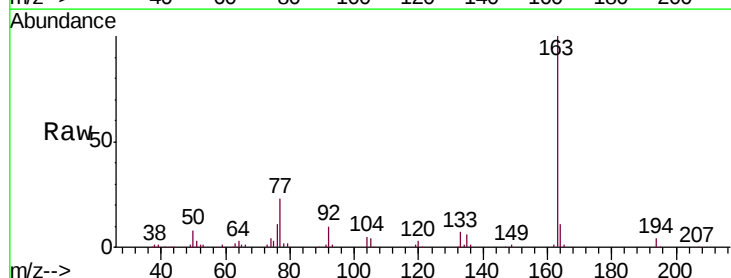


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

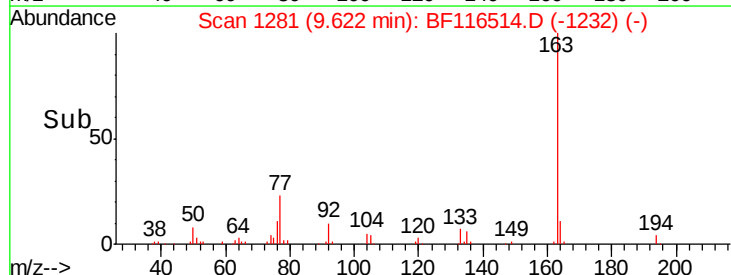
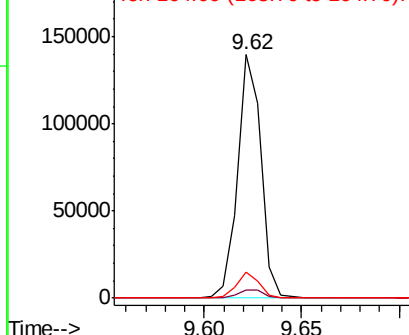


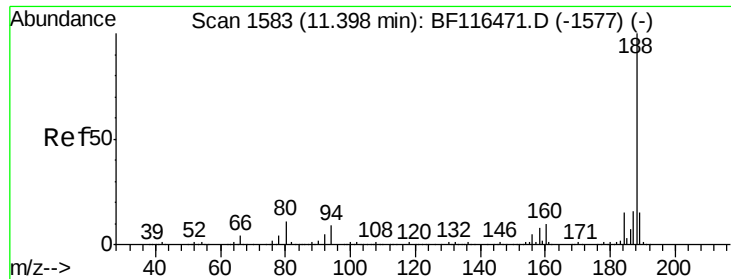
#50
Dimethylphthalate
Concen: 7.517 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116514.D
Acq: 24 Aug 2019 10:57

Tgt Ion:163 Resp: 115188
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.9 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

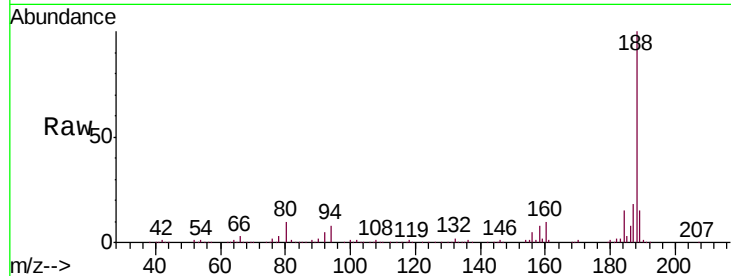




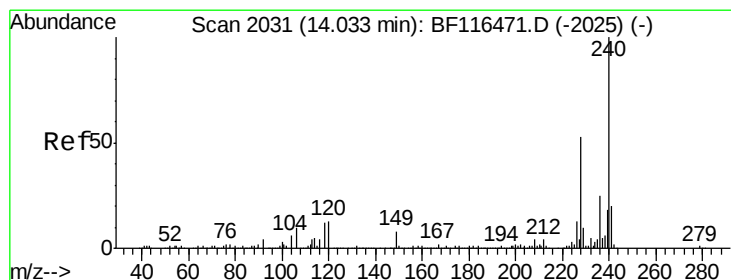
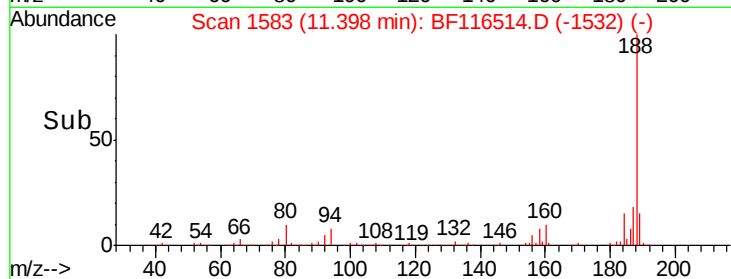
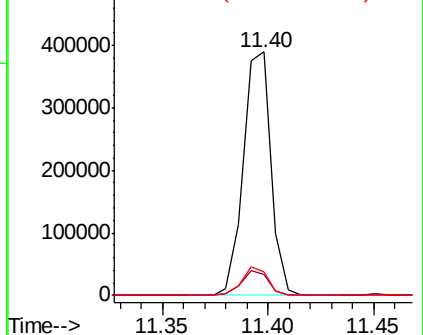
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116514.D
Acq: 24 Aug 2019 10:57

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.2
80	9.5	8.6	12.8

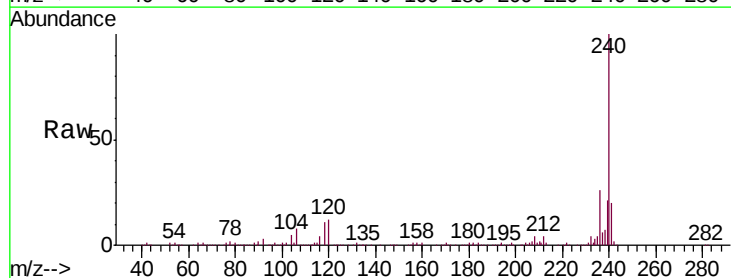


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

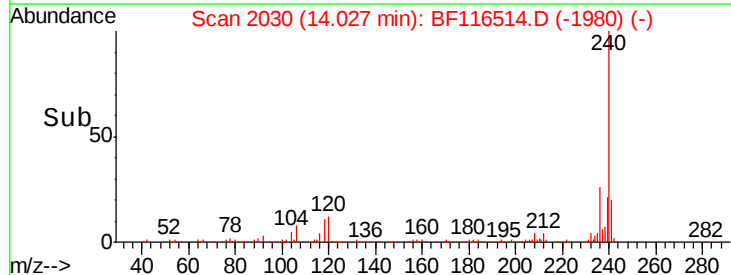
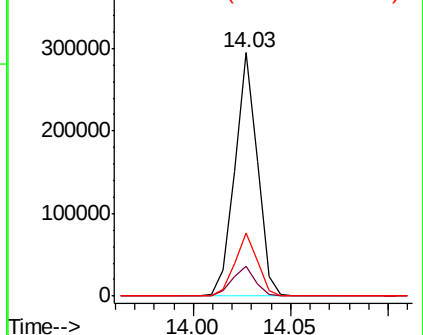


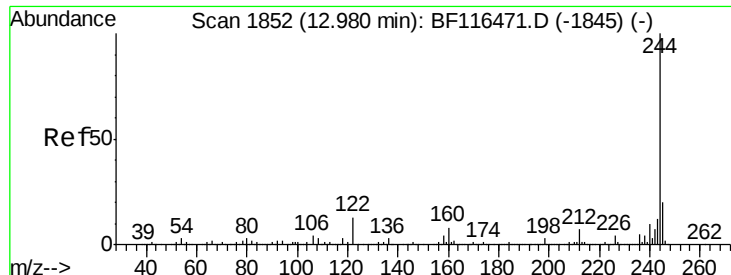
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116514.D
Acq: 24 Aug 2019 10:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.5	15.7
236	26.0	20.2	30.2



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: 71.711 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116514.D

Acq: 24 Aug 2019 10:57

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

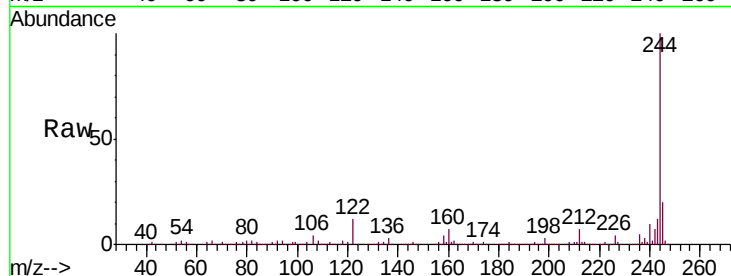
Tot Ion:244 Resp: 908547

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

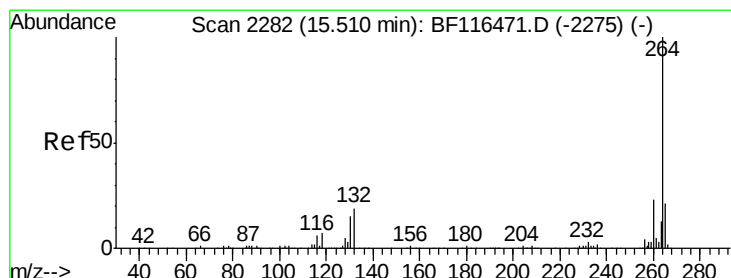
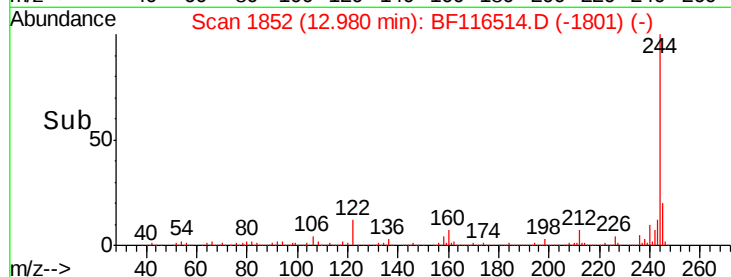
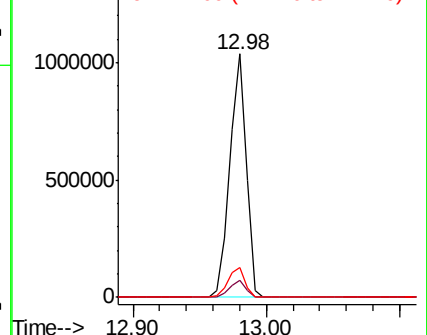
122 12.4 10.2 15.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116514.D

Acq: 24 Aug 2019 10:57

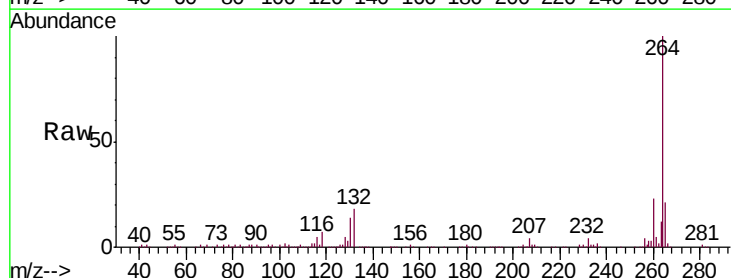
Tgt Ion:264 Resp: 235468

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 20.9 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

