

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116559.D
 Acq On : 26 Aug 2019 6:23
 Operator : HP/JU
 Sample : K4450-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-G1

Quant Time: Aug 26 08:44:54 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

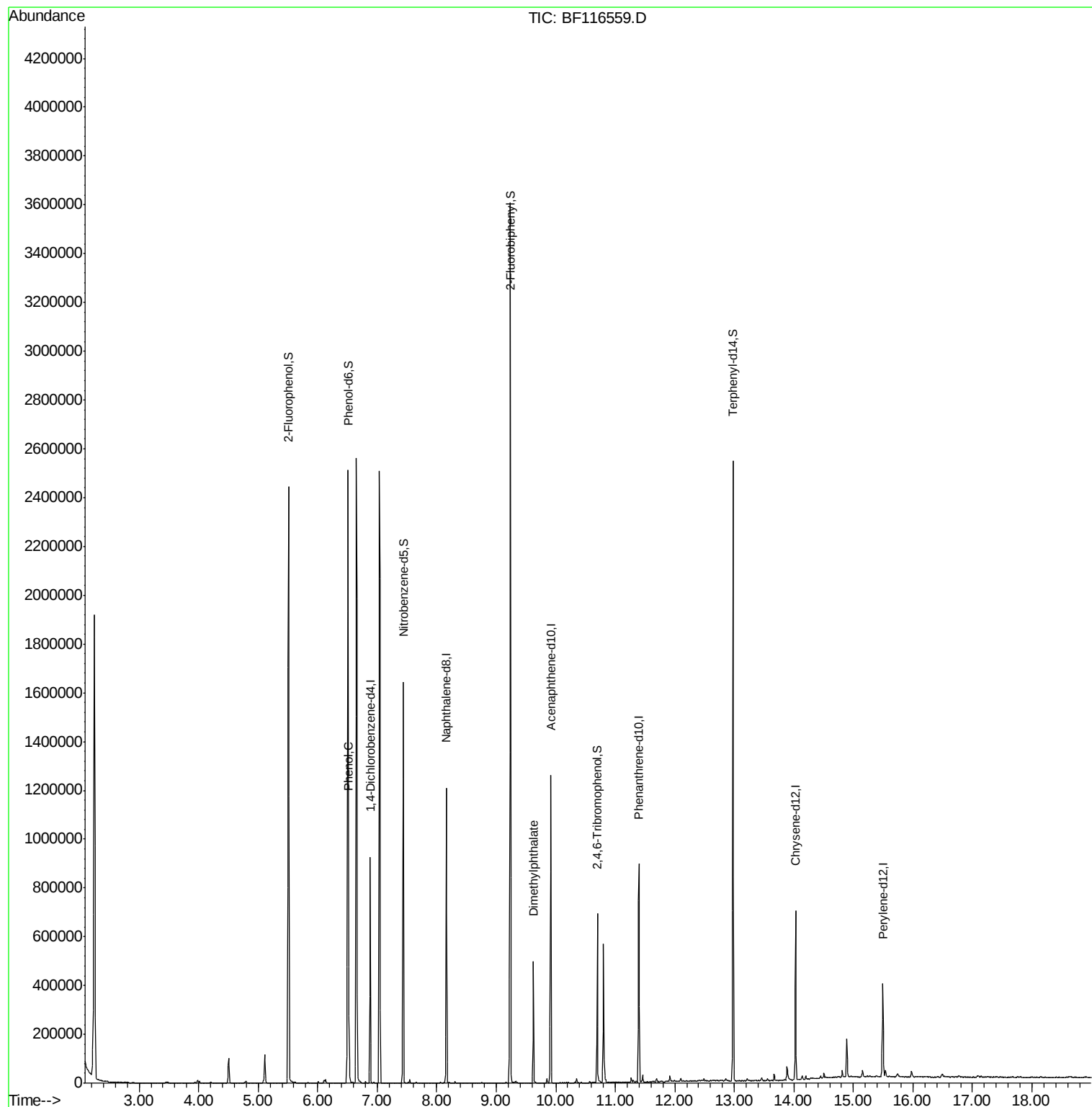
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137292	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	508146	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	231561	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	311064	20.00	ng	0.00
76) Chrysene-d12	14.03	240	207312	20.00	ng	0.00
87) Perylene-d12	15.49	264	178766	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	668483	71.14	ng	0.01
7) Phenol-d6	6.51	99	902464	78.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	554974	59.75	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	77686	39.07	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1124958	78.24	ng	0.00
79) Terphenyl-d14	12.98	244	796983	71.81	ng	0.00
Target Compounds						
10) Phenol	6.52	94	49776	3.979	ng	98
50) Dimethylphthalate	9.62	163	204090	12.632	ng	100

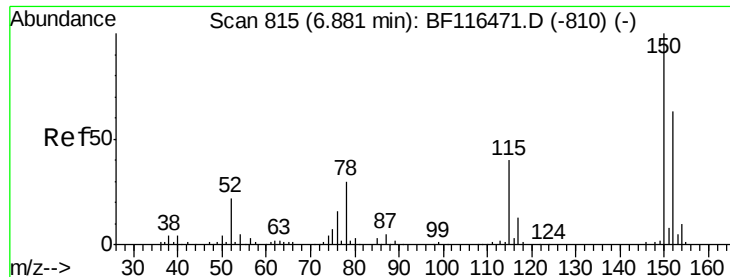
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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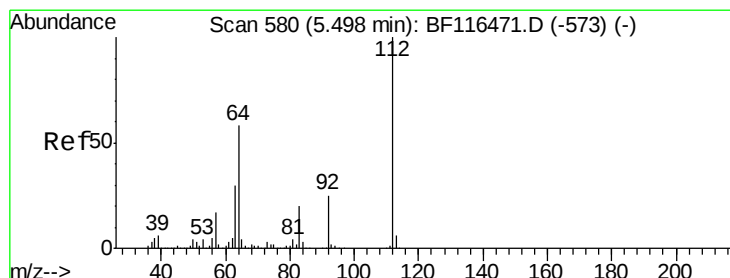
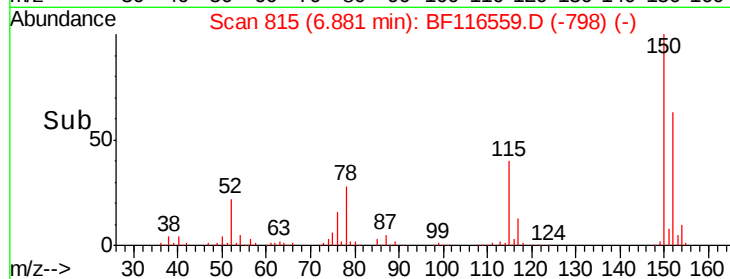
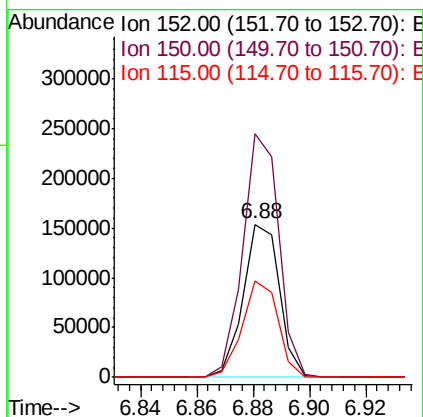
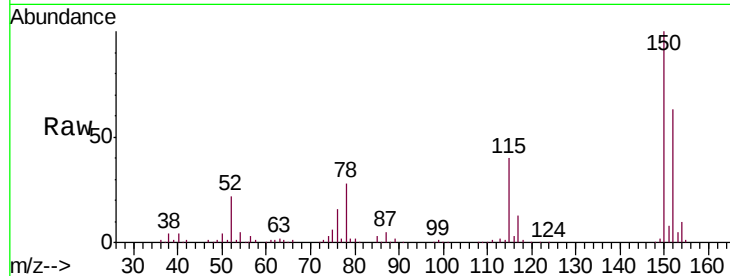


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Instrument :
BNA_F
ClientSampleId :
WC-G1

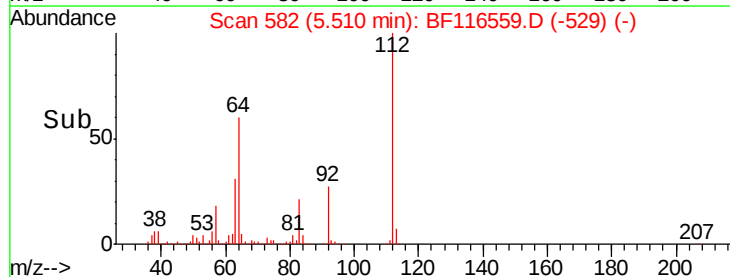
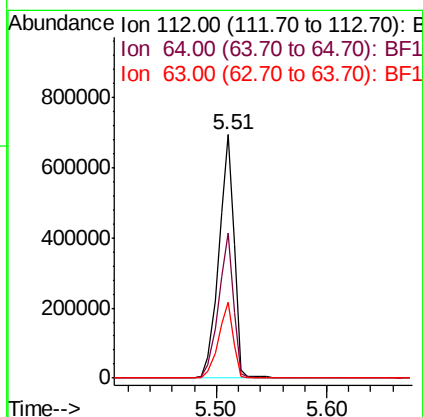
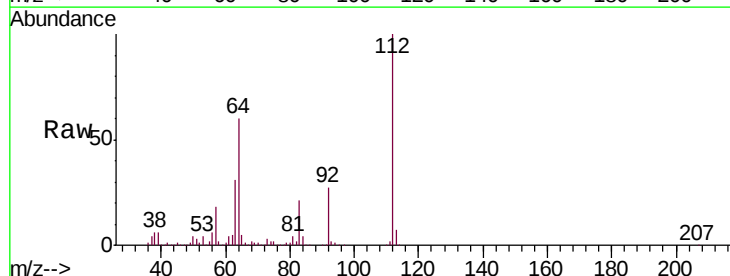
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.7	190.1
115	62.9	50.9	76.3

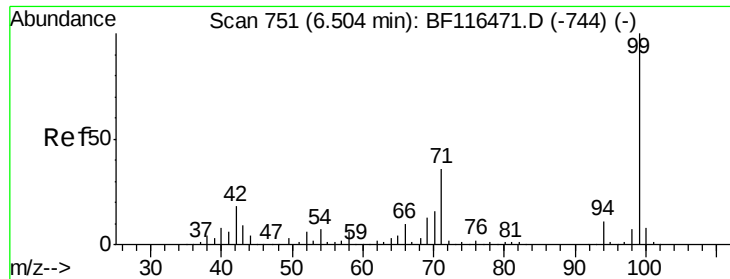


#5

2-Fluorophenol
Concen: 71.144 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.3	69.5
63	31.4	24.2	36.4





#7

Phenol-d6

Concen: 78.331 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

Instrument :

BNA_F

ClientSampleId :

WC-G1

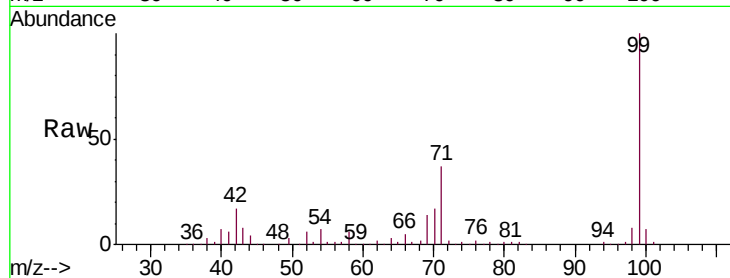
Tot Ion: 99 Resp: 902464

Ion Ratio Lower Upper

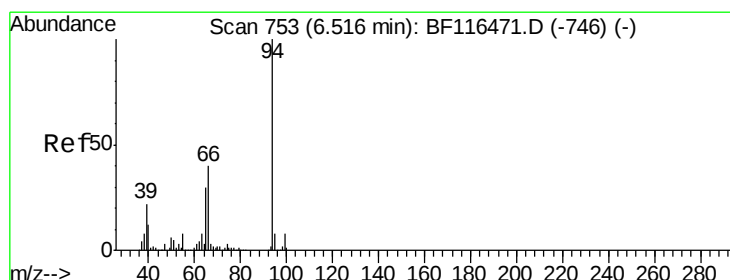
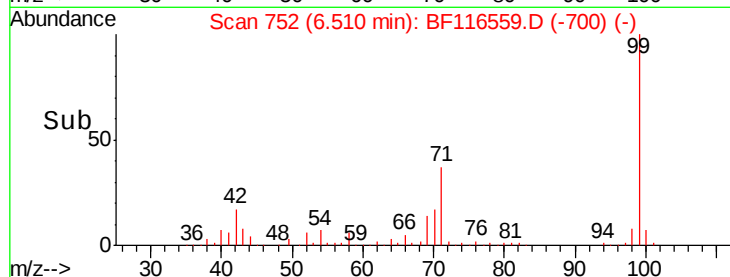
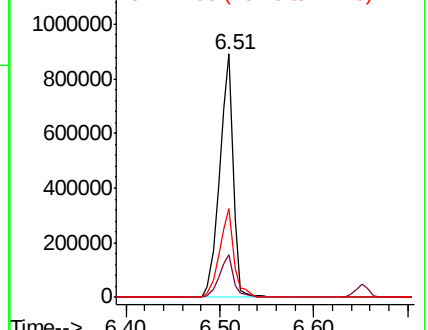
99 100

42 17.4 14.6 21.8

71 36.5 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: 3.979 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

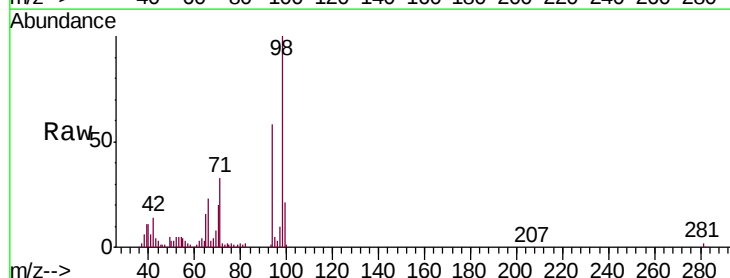
Tgt Ion: 94 Resp: 49776

Ion Ratio Lower Upper

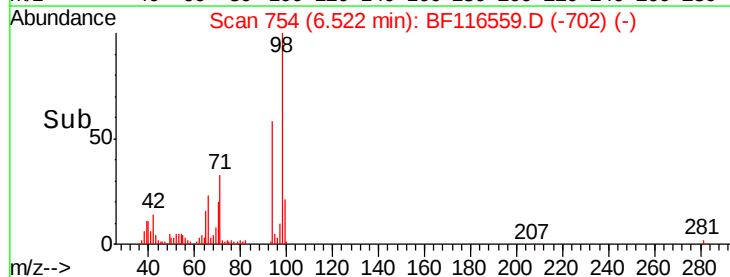
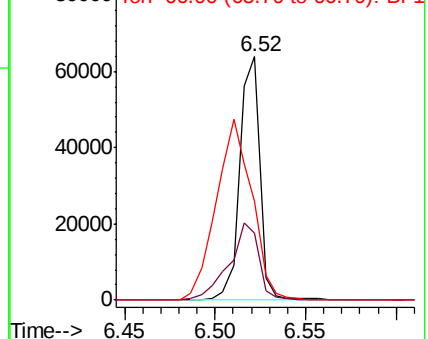
94 100

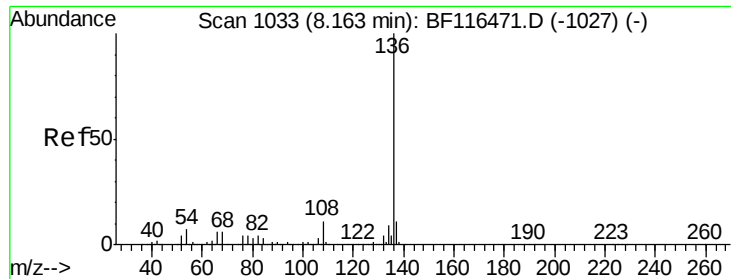
65 27.7 10.0 50.0

66 40.5 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

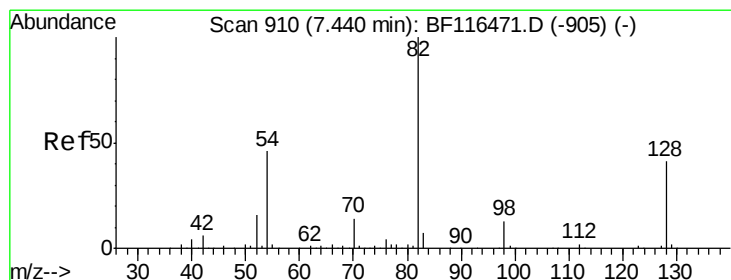
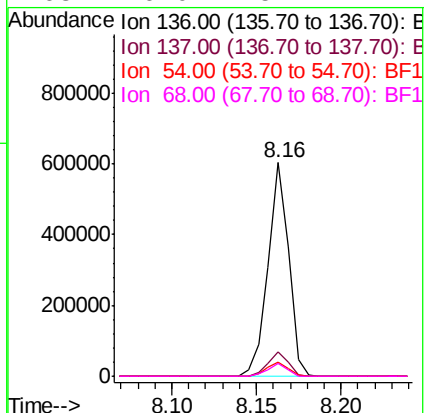
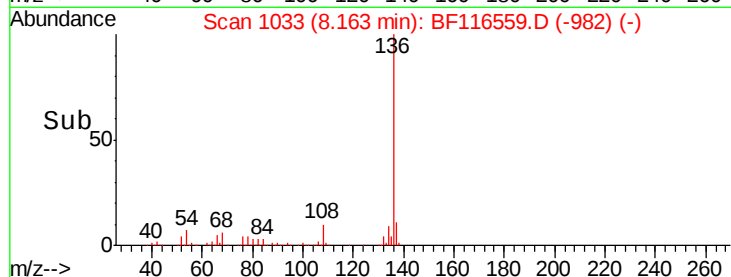
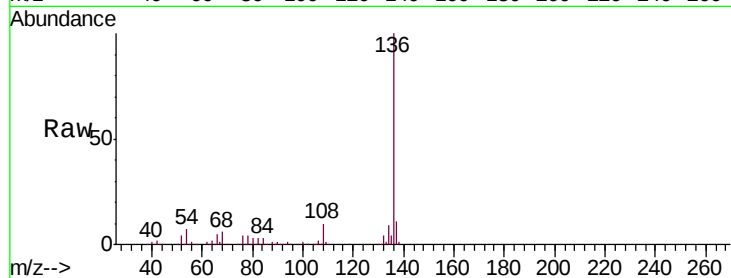




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

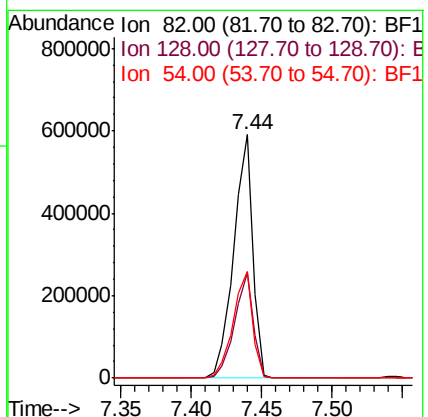
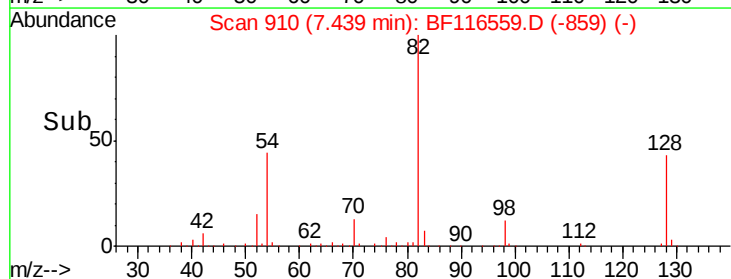
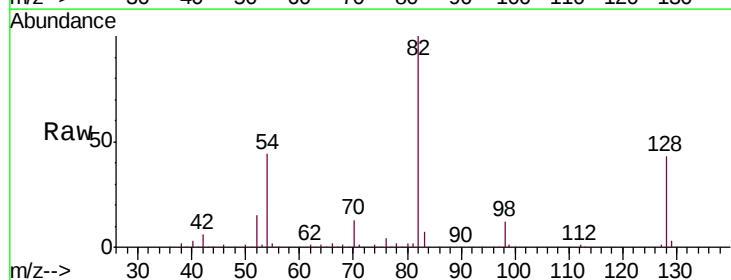
Instrument :
BNA_F
ClientSampleId :
WC-G1

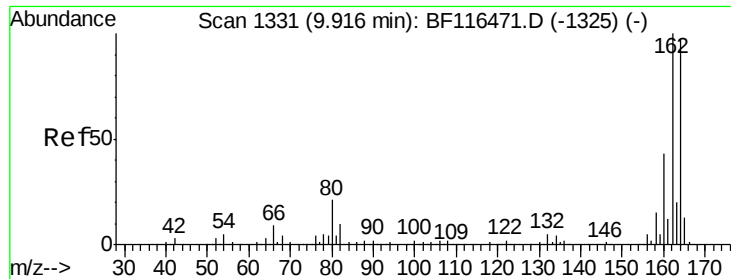
Tot Ion:136	Resp:	508146
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.9	5.8 8.6
68	6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 59.752 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Tgt Ion: 82	Resp:	554974
Ion Ratio	Lower	Upper
82	100	
128	43.0	32.2 48.4
54	44.0	36.5 54.7

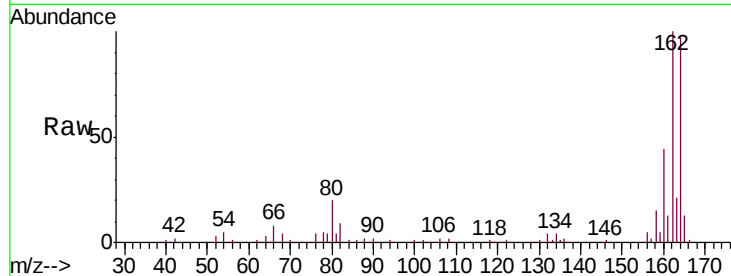




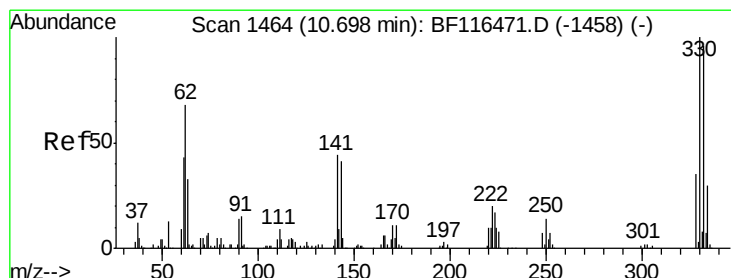
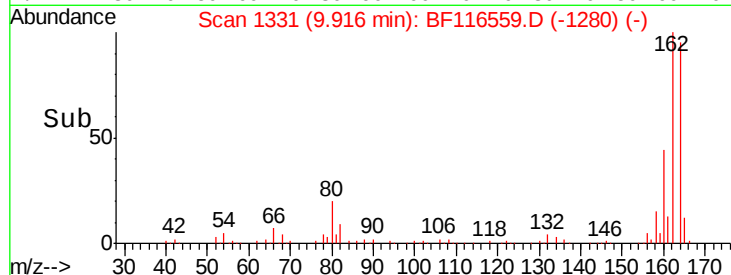
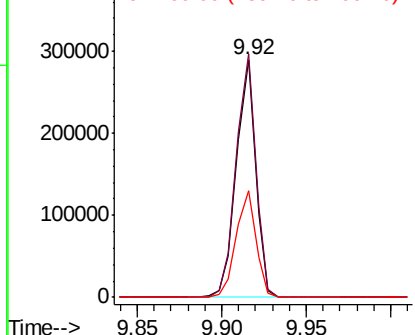
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Instrument :
BNA_F
ClientSampleId :
WC-G1

Tot Ion:164 Resp: 231561
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 45.0 35.8 53.8

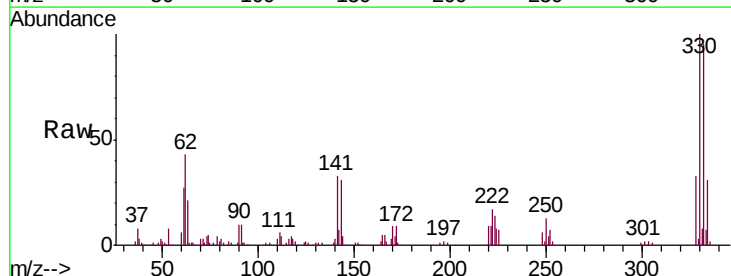


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

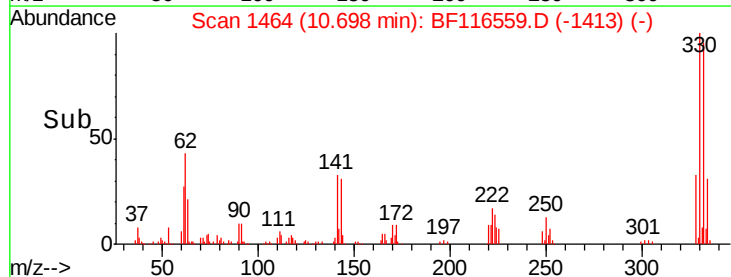
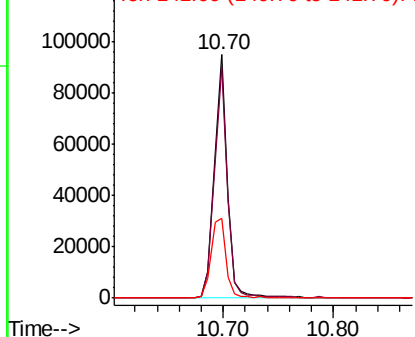


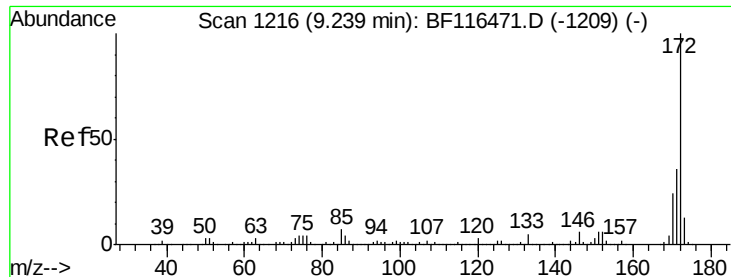
#42
2,4,6-Tribromophenol
Concen: 39.071 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Tgt Ion:330 Resp: 77686
Ion Ratio Lower Upper
330 100
332 95.3 77.2 115.8
141 37.2 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

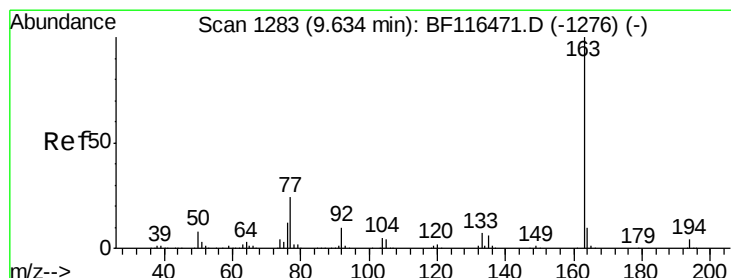
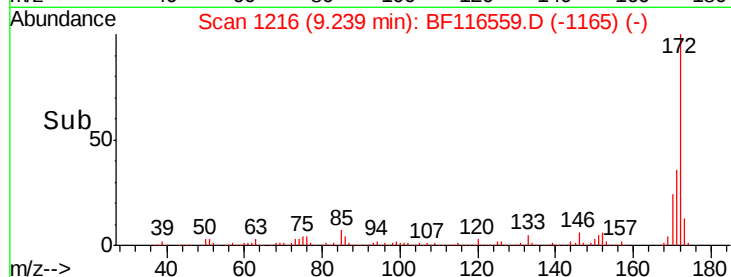
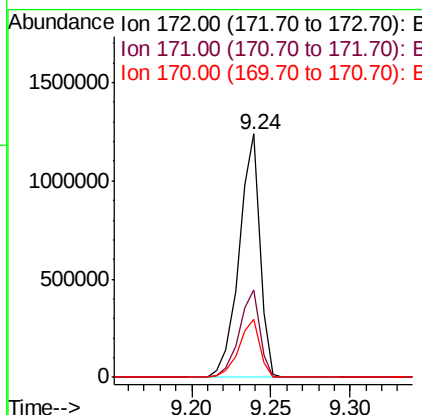
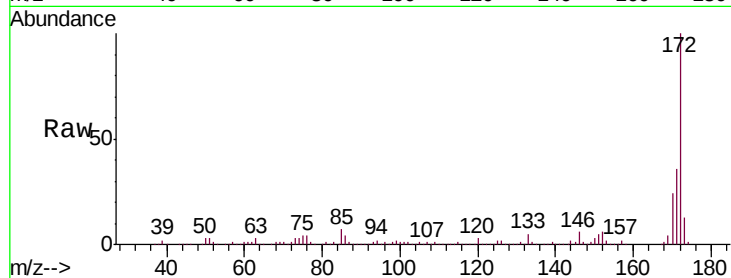




#45
2-Fluorobiphenyl
Concen: 78.236 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

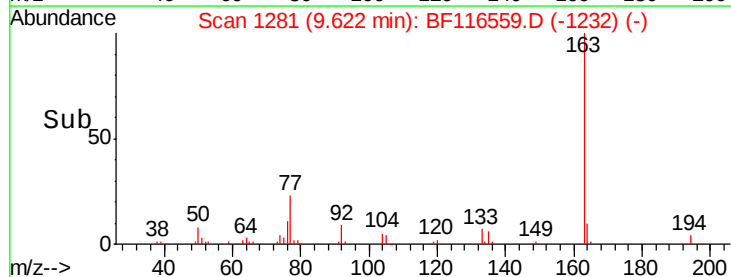
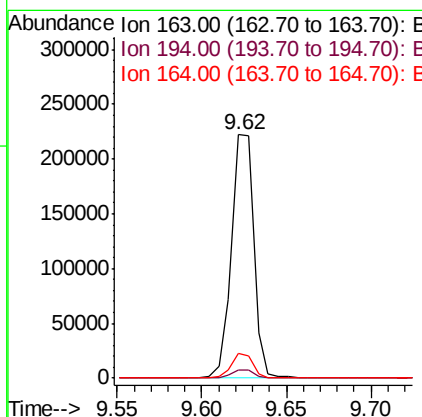
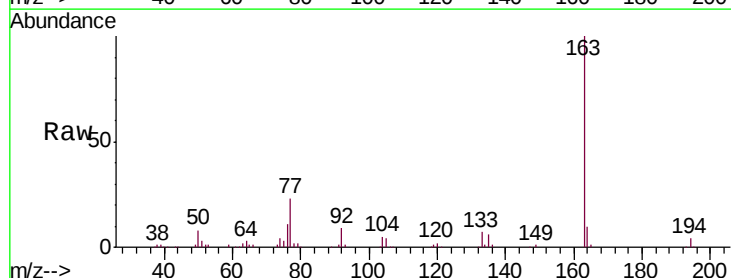
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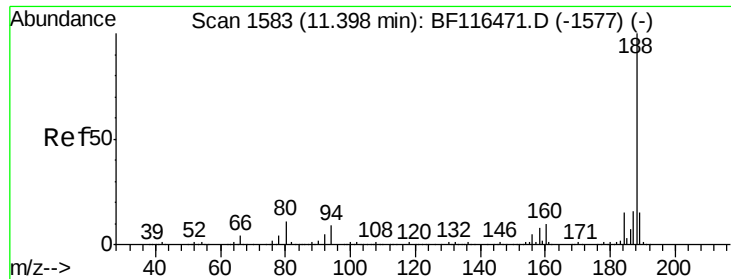
Tot Ion:172 Resp: 1124958
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.8 19.4 29.0



#50
Dimethylphthalate
Concen: 12.632 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Tgt Ion:163 Resp: 204090
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.4 8.2 12.2

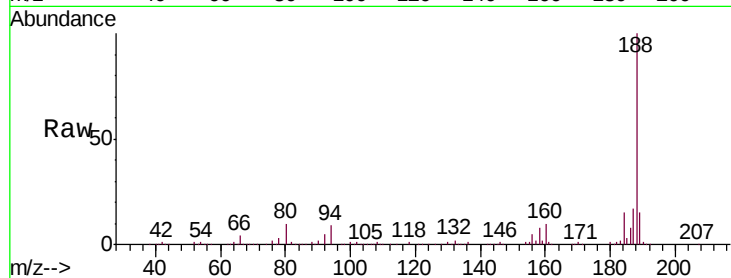




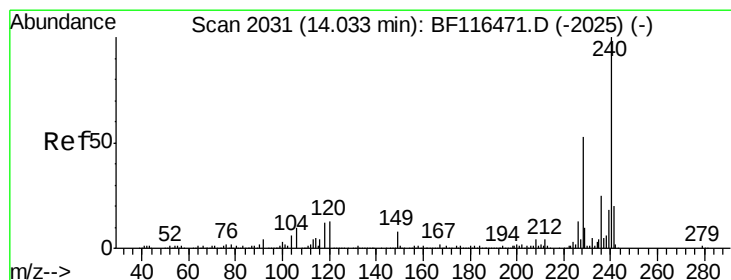
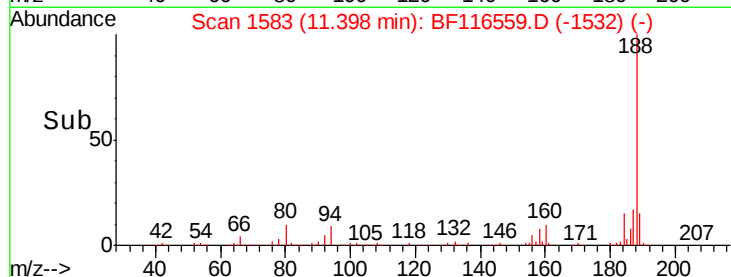
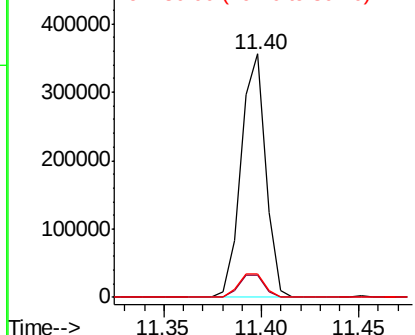
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Instrument :
BNA_F
ClientSampleId :
WC-G1

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.8	8.6	12.8

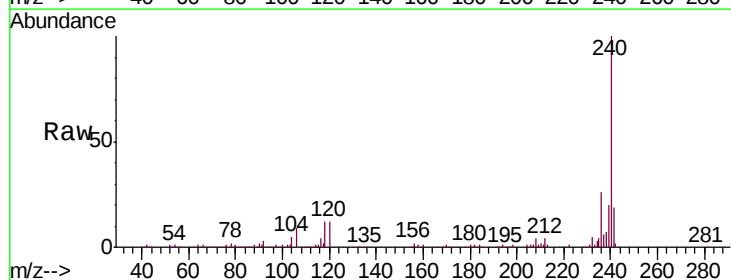


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

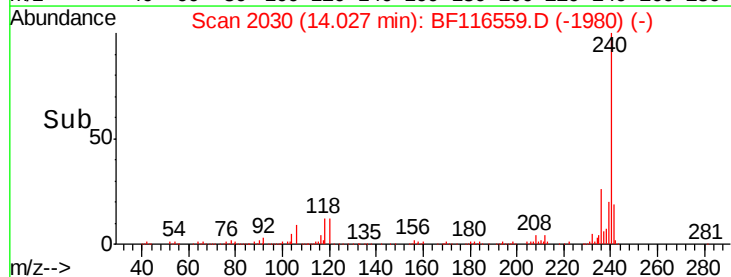
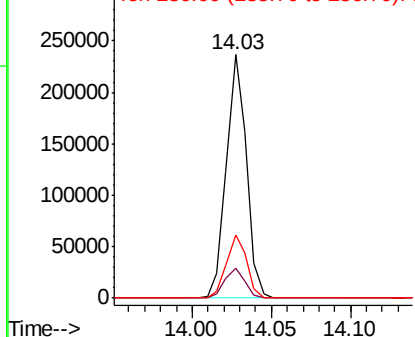


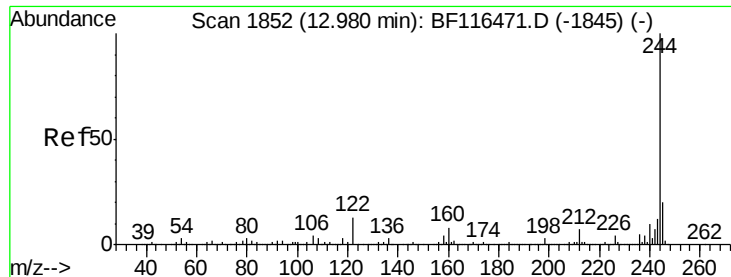
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.5	15.7
236	25.9	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: 71.809 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

Instrument :

BNA_F

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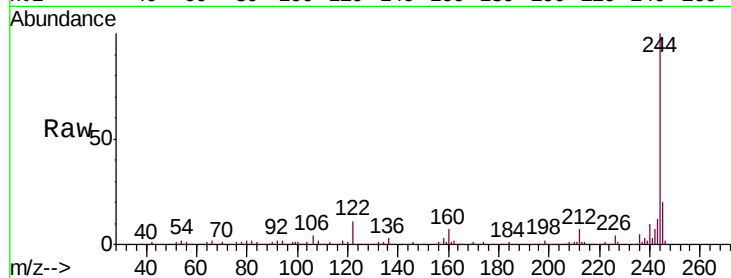
Tot Ion:244 Resp: 796983

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

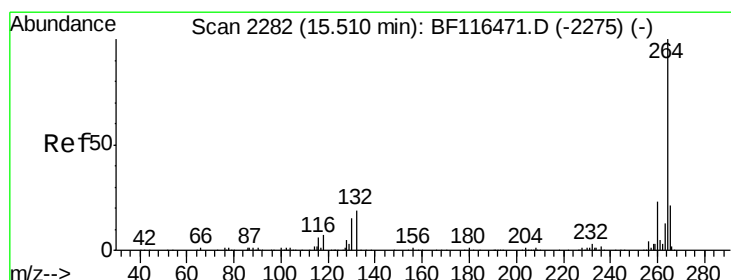
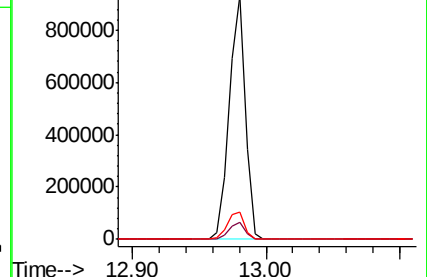
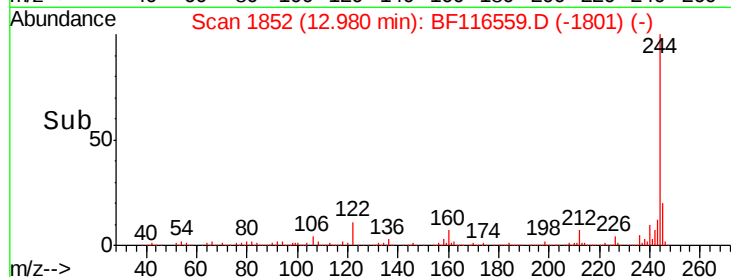
122 11.4 10.2 15.4



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: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

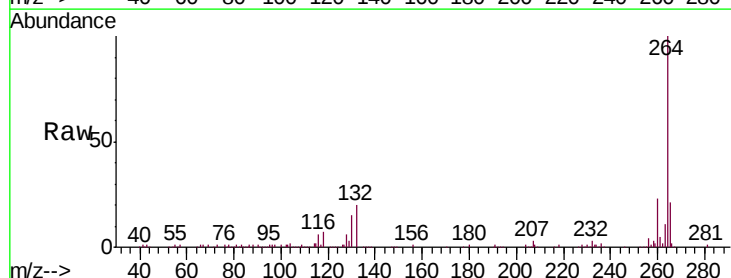
Tgt Ion:264 Resp: 178766

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.2 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

