

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114143.D
 Acq On : 11 May 2019 1:26
 Operator : JU/SJ
 Sample : K2647-07 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-050919-B

Quant Time: May 11 04:59:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

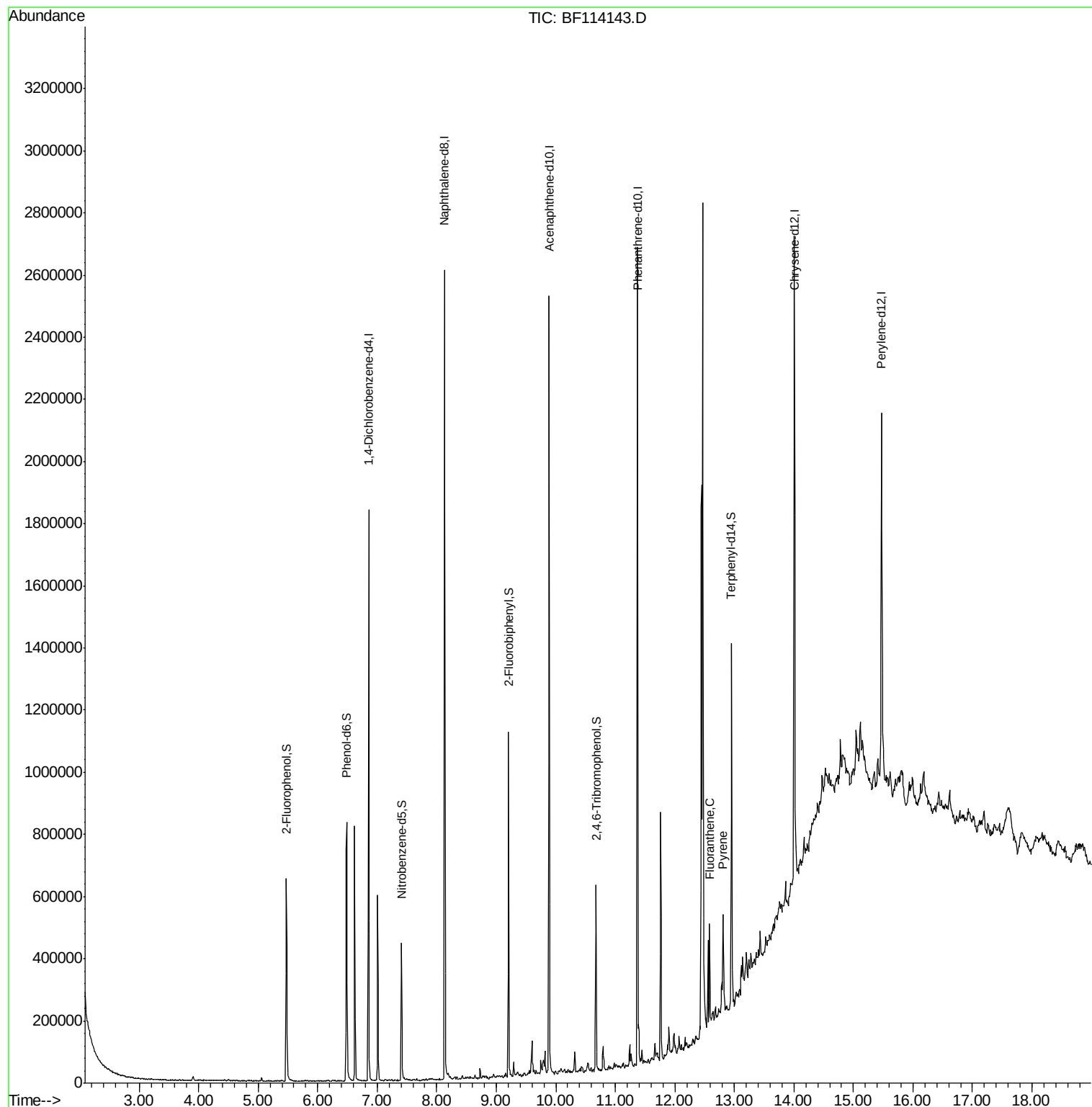
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	282022	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1066648	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	479887	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	921853	20.00	ng	0.00
76) Chrysene-d12	14.01	240	618672	20.00	ng	-0.01
87) Perylene-d12	15.47	264	550637	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	177271	10.12	ng	0.00
7) Phenol-d6	6.49	99	285465	13.77	ng	0.00
23) Nitrobenzene-d5	7.41	82	133083	7.00	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	65282	13.16	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	323599	10.20	ng	0.00
79) Terphenyl-d14	12.95	244	366150	12.20	ng	0.00
Target Compounds						
75) Fluoranthene	12.59	202	132271	2.739	ng	Qvalue 98
78) Pyrene	12.81	202	133215	2.677	ng	96

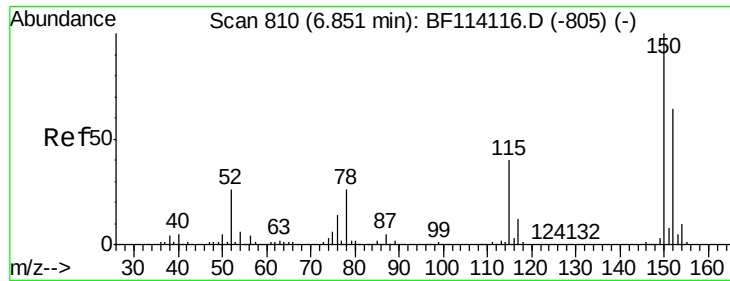
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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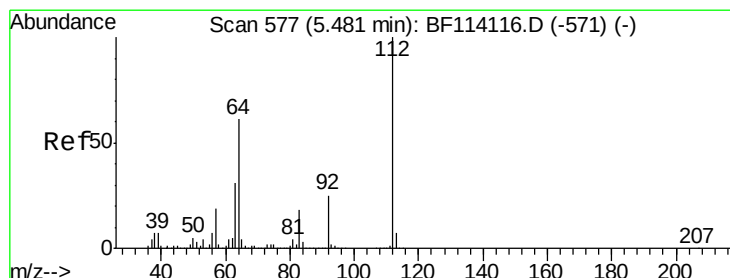
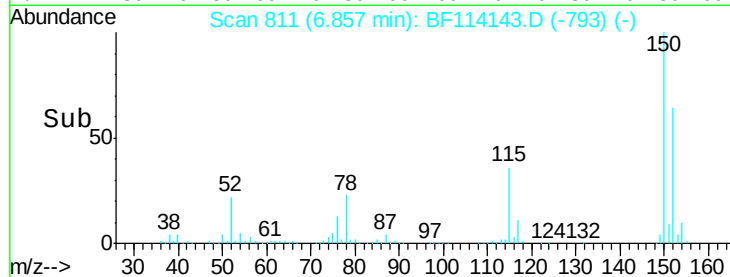
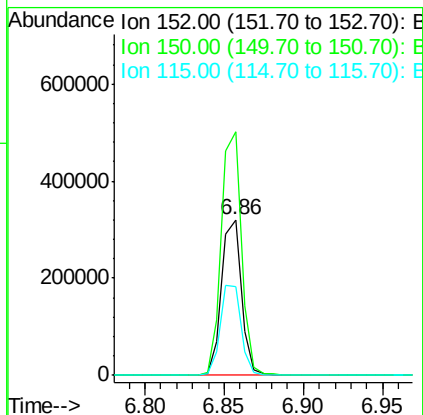
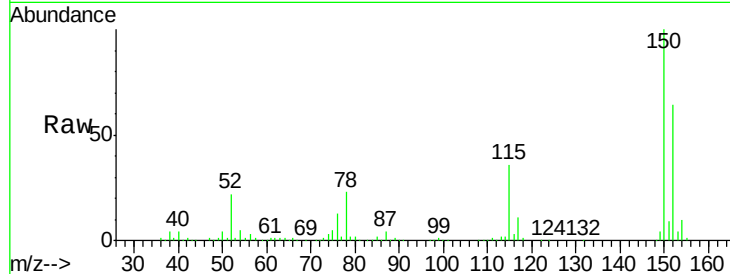


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114143.D
Acq: 11 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
SU-02-050919-B

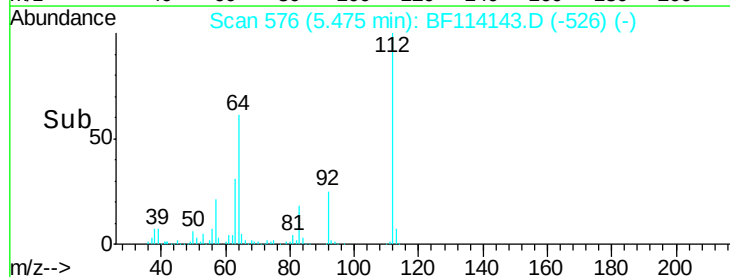
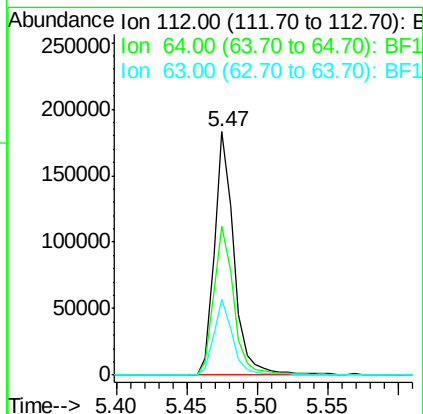
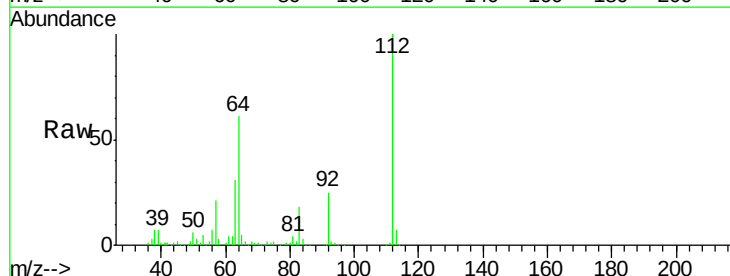
Tgt Ion:152 Resp: 282022
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 56.9 49.1 73.7

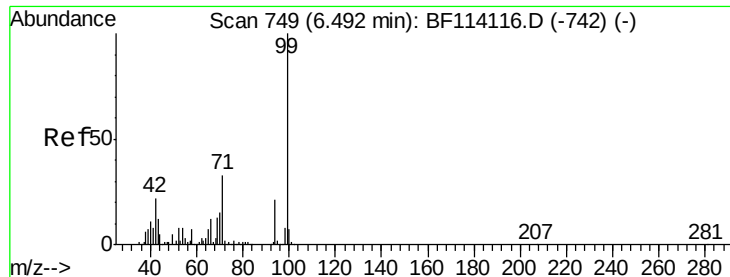


#5

2-Fluorophenol
Concen: 10.115 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114143.D
Acq: 11 May 2019 1:26

Tgt Ion:112 Resp: 177271
Ion Ratio Lower Upper
112 100
64 61.1 49.0 73.6
63 31.0 24.6 37.0





#7

Phenol-d6

Concen: 13.772 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114143.D

Acq: 11 May 2019 1:26

Instrument :

BNA_F

ClientSampleId :

SU-02-050919-B

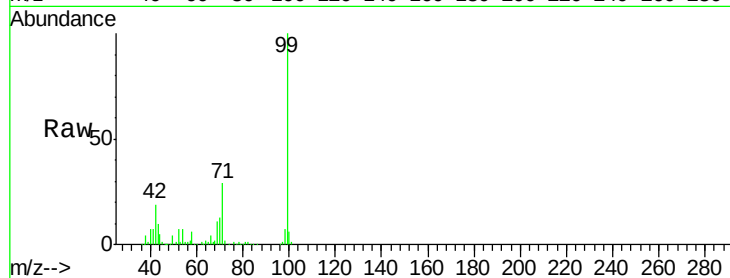
Tgt Ion: 99 Resp: 285465

Ion Ratio Lower Upper

99 100

42 18.8 17.9 26.9

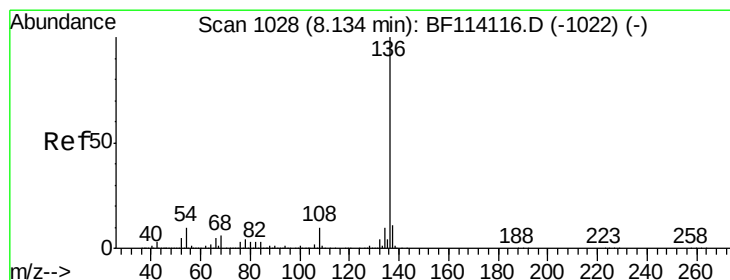
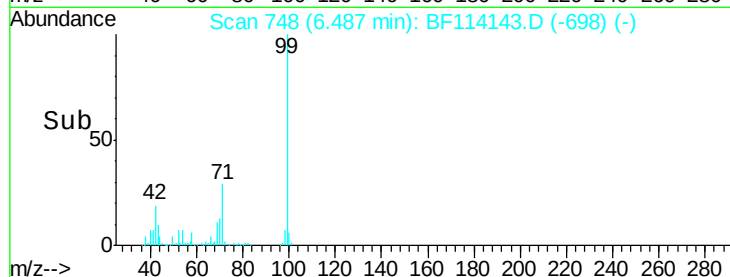
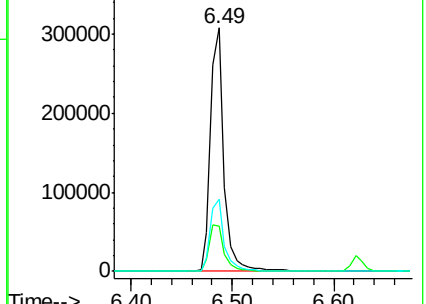
71 29.4 26.2 39.2



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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114143.D

Acq: 11 May 2019 1:26

Tgt Ion: 136 Resp: 1066648

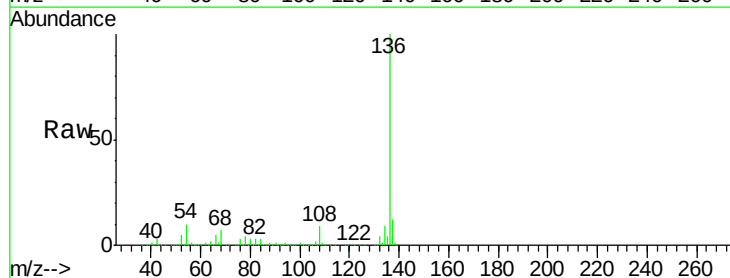
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.0 7.8 11.8

68 6.8 5.1 7.7

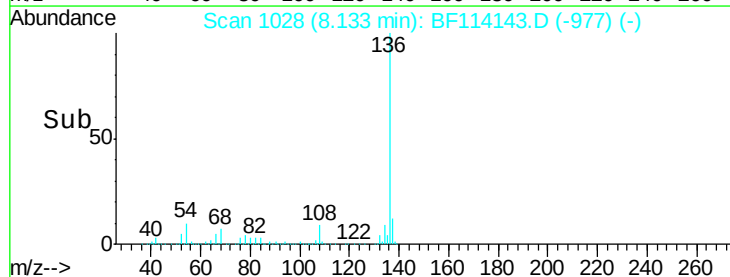
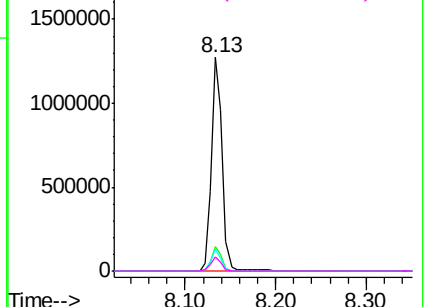


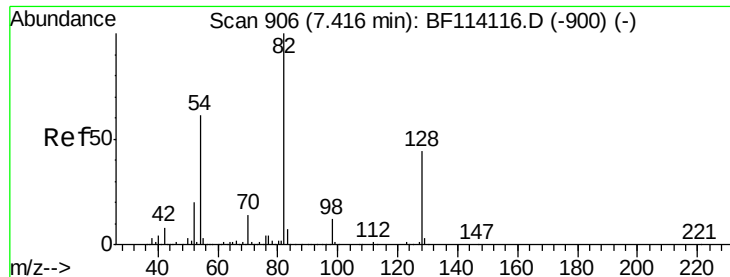
Abundance Ion 136.00 (135.70 to 136.70): E

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

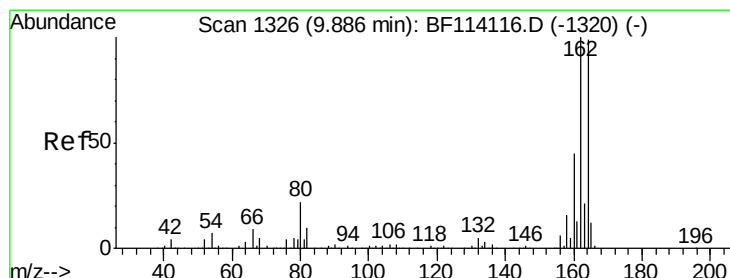
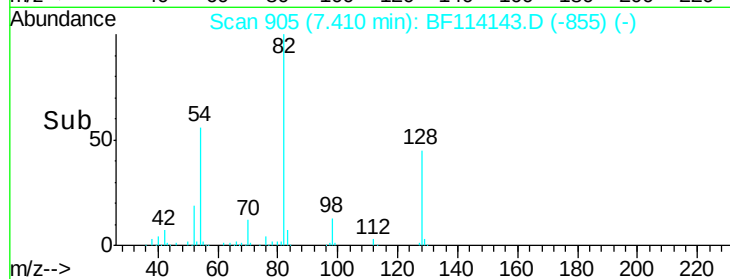
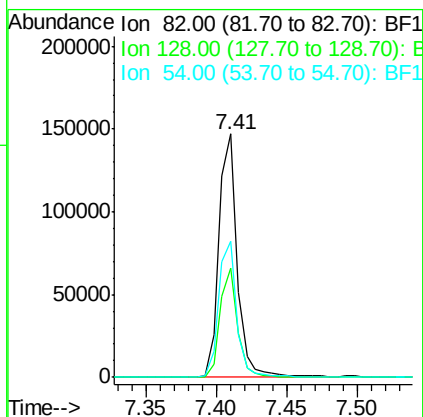
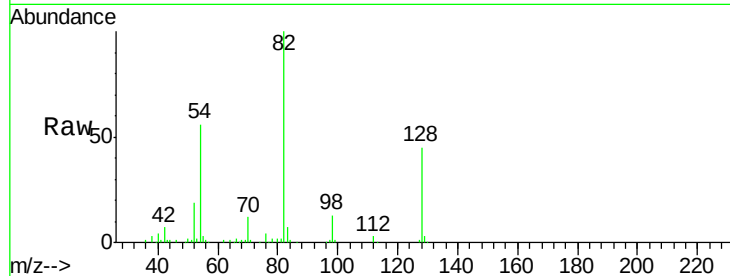




#23
 Nitrobenzene-d5
 Concen: 7.002 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114143.D
 Acq: 11 May 2019 1:26

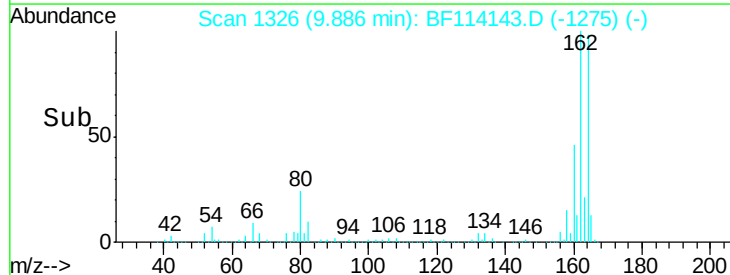
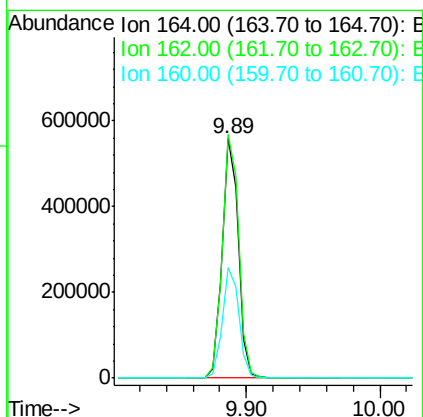
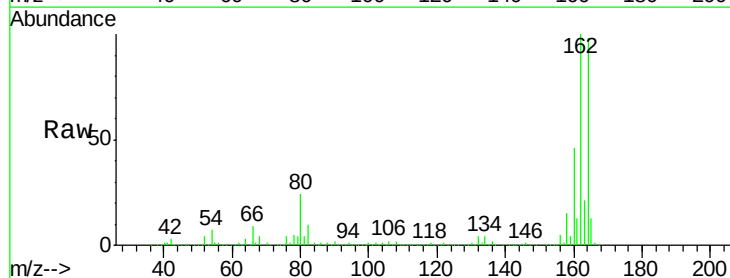
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-050919-B

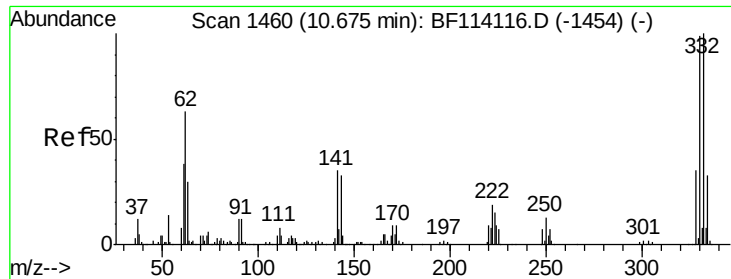
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	56.2	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114143.D
 Acq: 11 May 2019 1:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	46.3	36.5	54.7

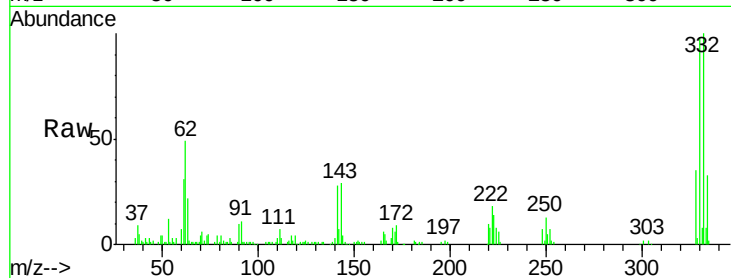




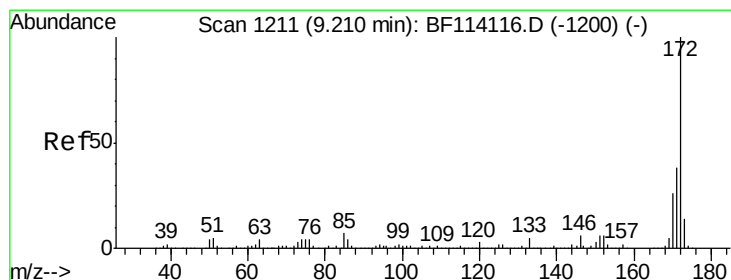
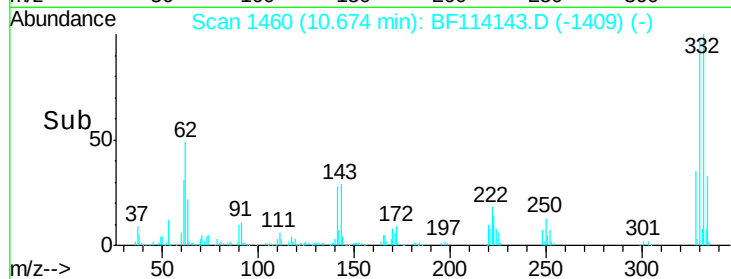
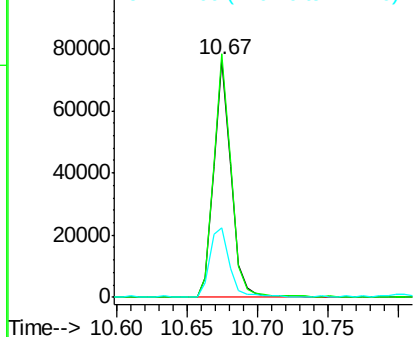
#42
 2,4,6-Tribromophenol
 Concen: 13.158 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114143.D
 Acq: 11 May 2019 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-050919-B

Tgt Ion:330 Resp: 65282
 Ion Ratio Lower Upper
 330 100
 332 101.9 81.4 122.2
 141 33.8 26.6 40.0

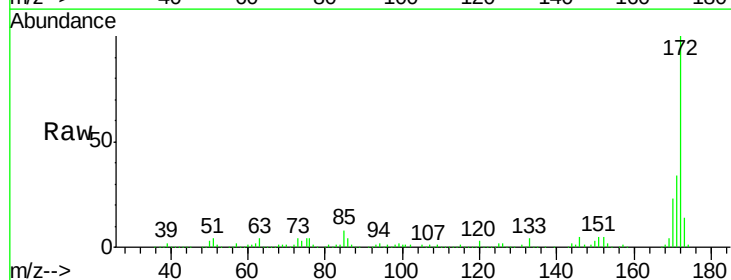


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

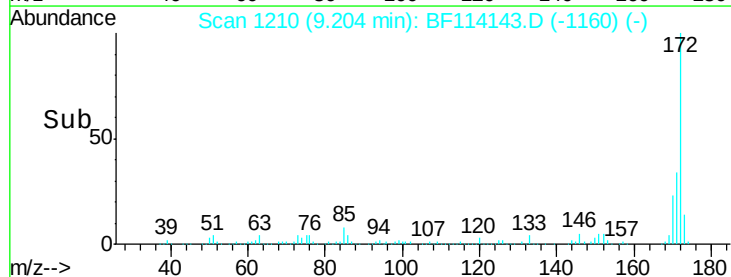
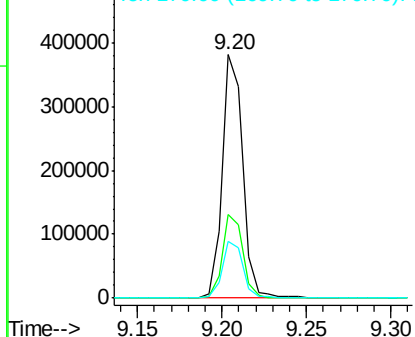


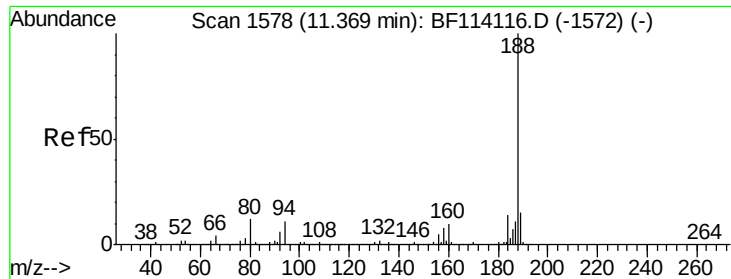
#45
 2-Fluorobiphenyl
 Concen: 10.200 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114143.D
 Acq: 11 May 2019 1:26

Tgt Ion:172 Resp: 323599
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.7 46.1
 170 23.2 20.5 30.7



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

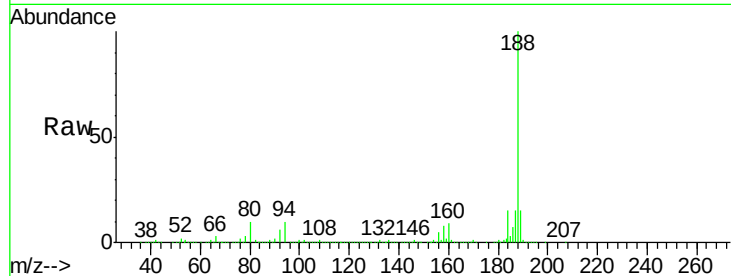




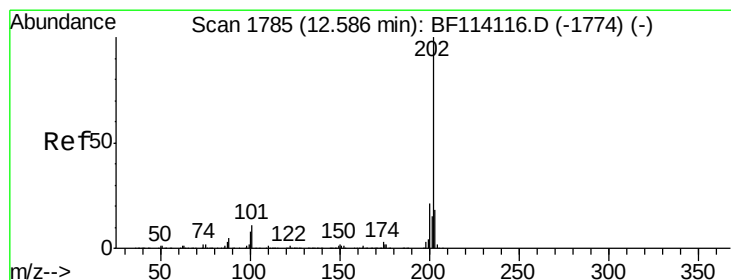
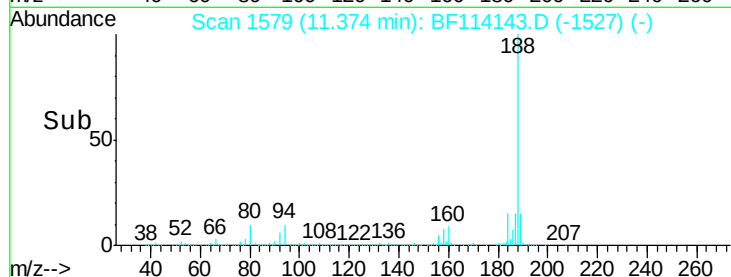
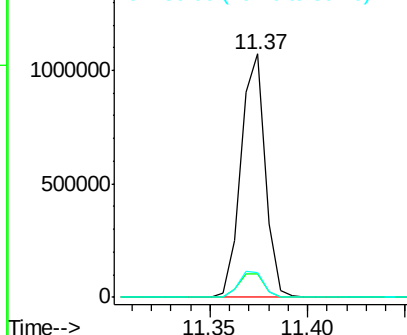
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114143.D
Acq: 11 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	921853		
94	9.7		8.4	12.6
80	10.1		9.2	13.8

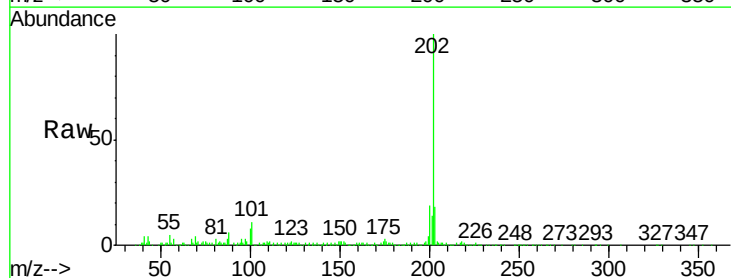


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

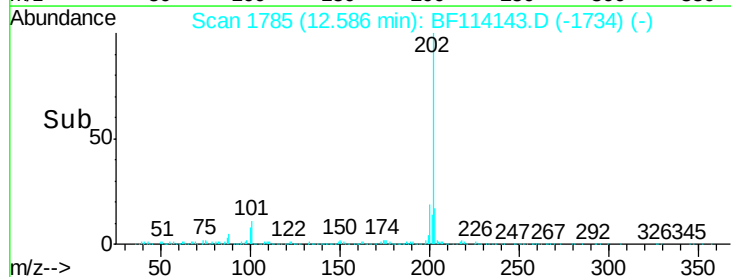
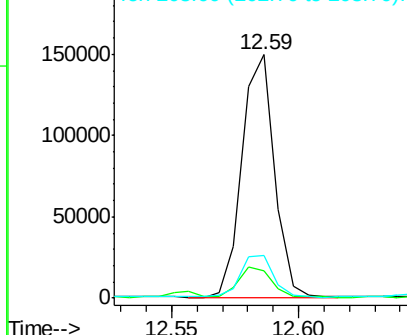


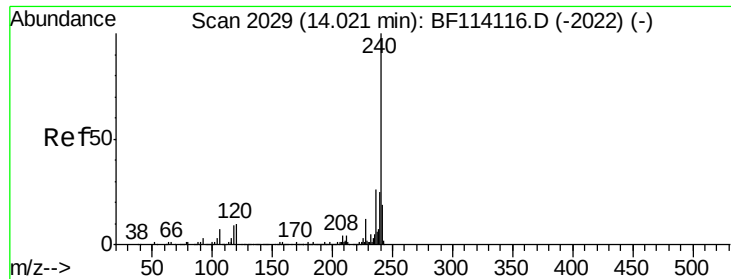
#75
Fluoranthene
Concen: 2.739 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114143.D
Acq: 11 May 2019 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	132271		
101	11.3		0.0	31.0
203	17.5		0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

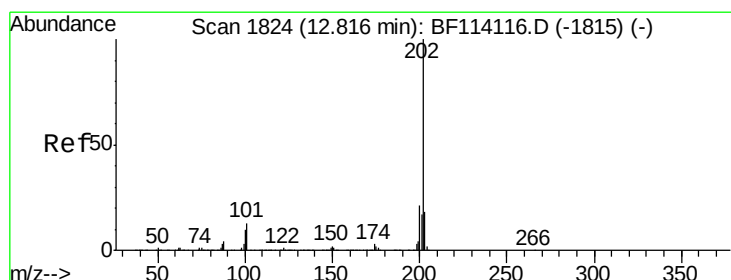
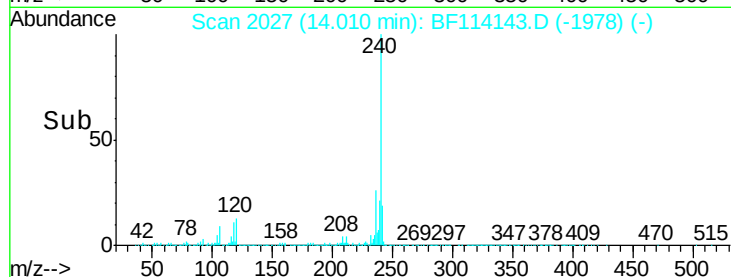
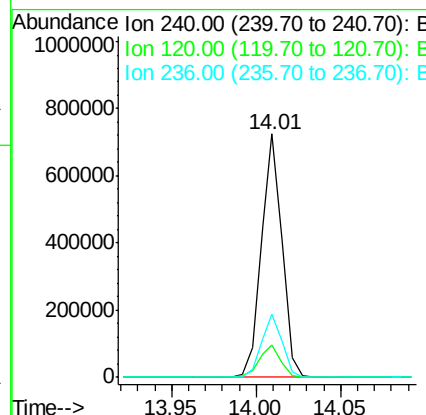
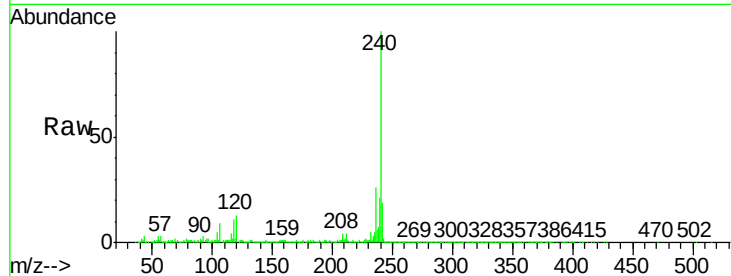




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114143.D
Acq: 11 May 2019 1:26

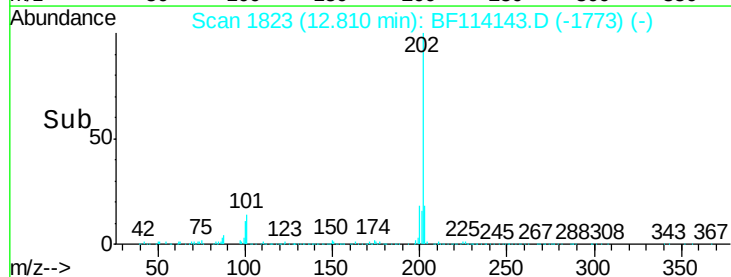
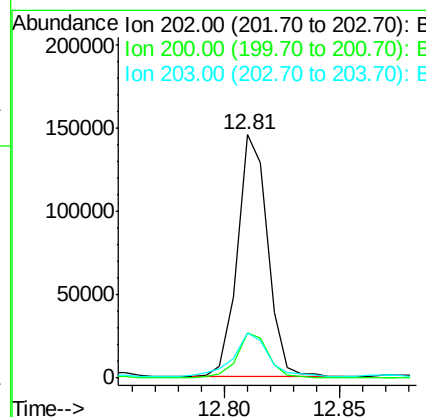
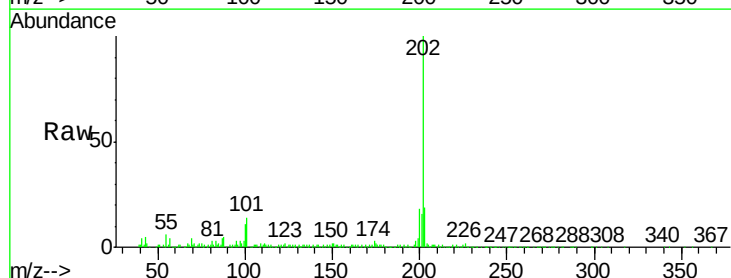
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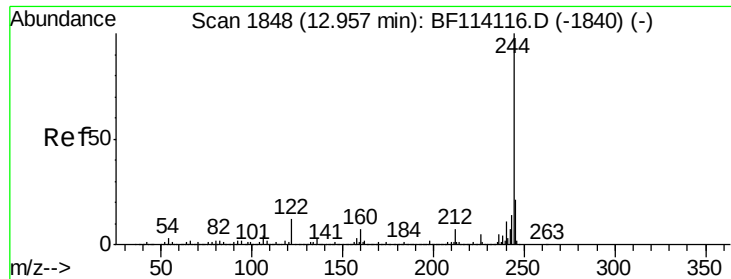
Tgt Ion:240 Resp: 618672
Ion Ratio Lower Upper
240 100
120 13.3 8.3 12.5#
236 25.9 20.8 31.2



#78
Pyrene
Concen: 2.677 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114143.D
Acq: 11 May 2019 1:26

Tgt Ion:202 Resp: 133215
Ion Ratio Lower Upper
202 100
200 18.4 16.9 25.3
203 18.8 14.5 21.7





#79

Terphenyl-d14

Concen: 12.200 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114143.D

Acq: 11 May 2019 1:26

Instrument :

BNA_F

ClientSampleId :

SU-02-050919-B

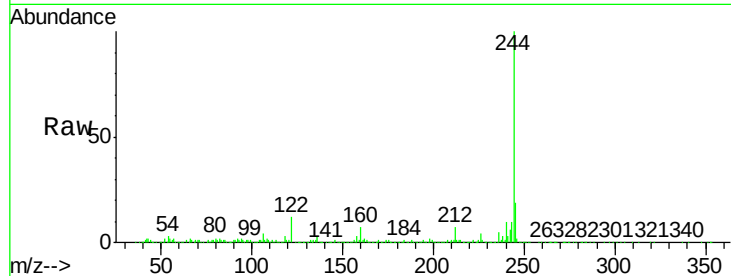
Tgt Ion:244 Resp: 366150

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

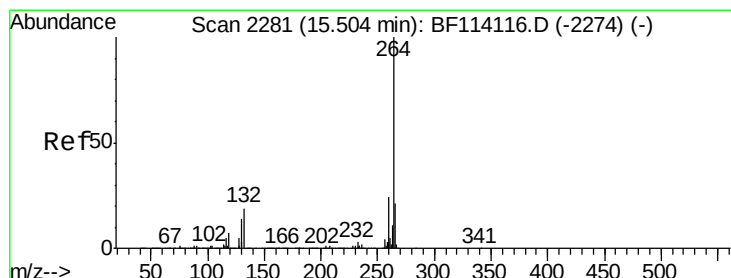
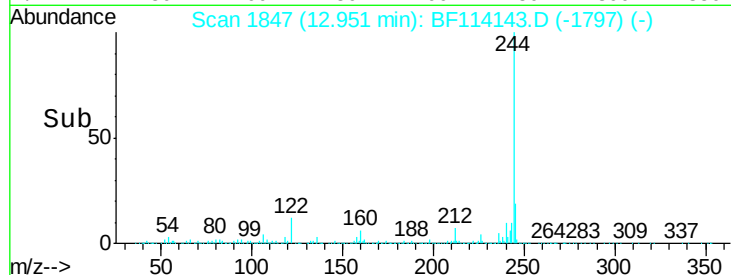
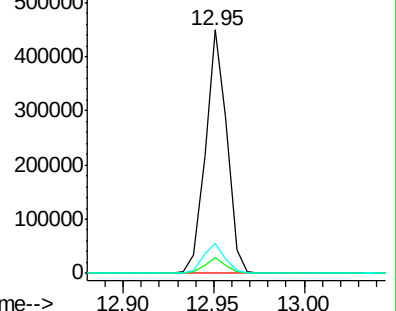
122 12.4 9.4 14.2



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: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF114143.D

Acq: 11 May 2019 1:26

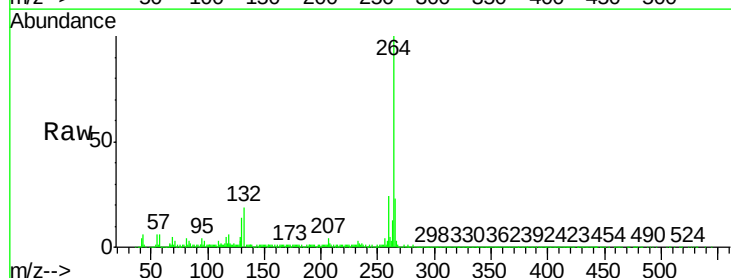
Tgt Ion:264 Resp: 550637

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 22.9 16.9 25.3



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

