

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116285.D
 Acq On : 15 Aug 2019 18:29
 Operator : HP/JU
 Sample : K4340-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-2

Quant Time: Aug 16 04:08:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

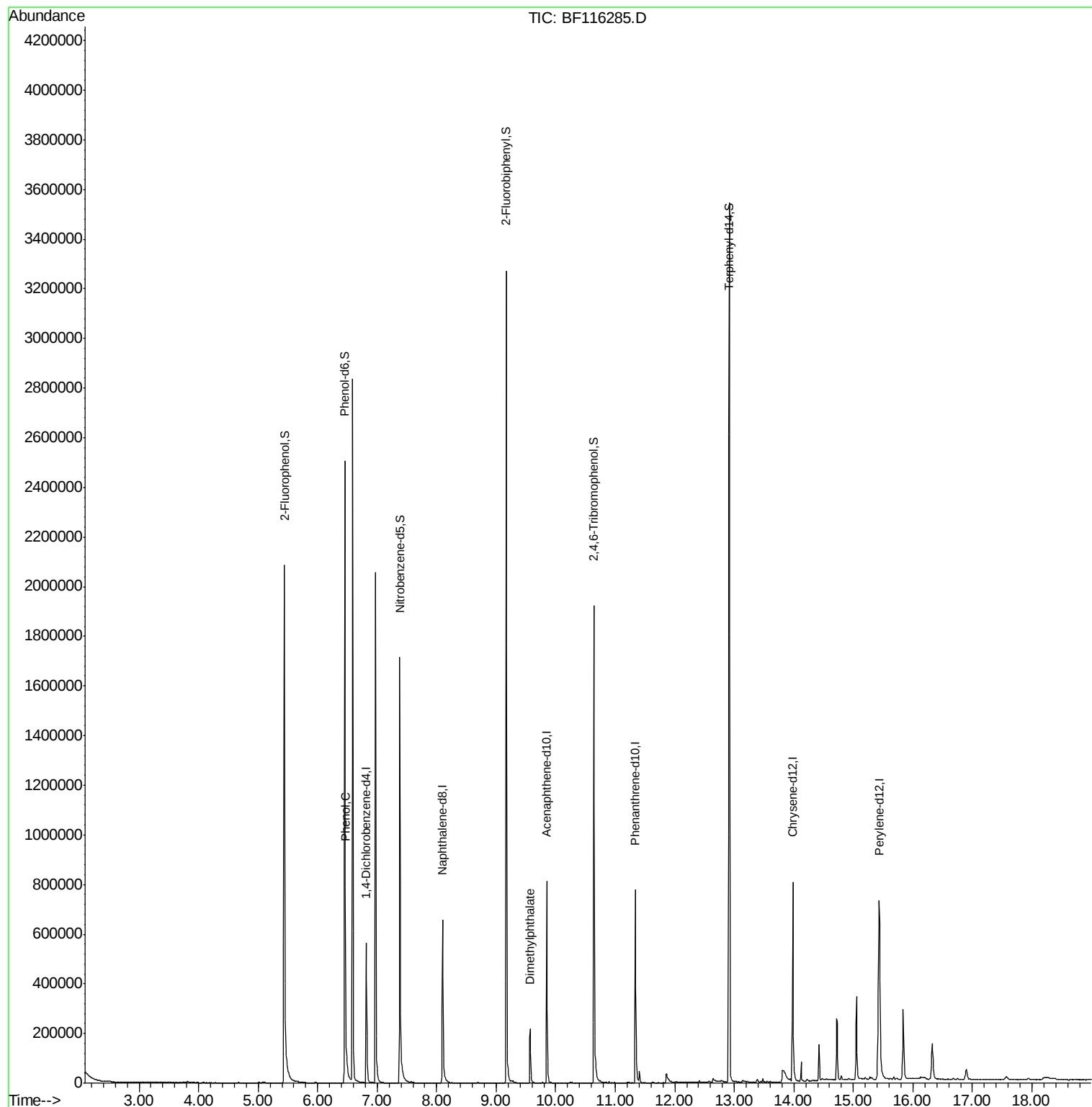
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91859	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	357915	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	187013	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	355543	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	336987	20.00	ng	-0.03
87) Perylene-d12	15.43	264	389233	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	770423	140.40	ng	-0.03
7) Phenol-d6	6.46	99	992550	143.37	ng	-0.03
23) Nitrobenzene-d5	7.38	82	622156	100.34	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	262768	144.92	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	998239	99.98	ng	-0.04
79) Terphenyl-d14	12.92	244	1216641	76.08	ng	-0.04
Target Compounds						
10) Phenol	6.47	94	16858	2.068	ng	85
50) Dimethylphthalate	9.57	163	117683	9.242	ng	99

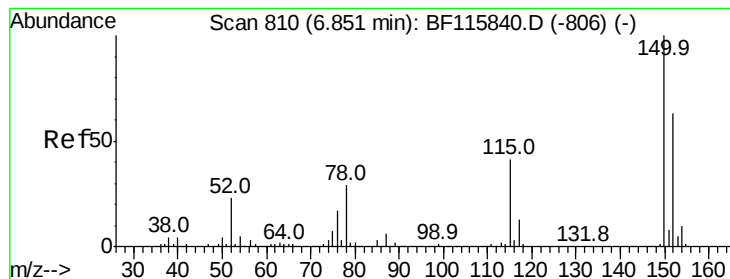
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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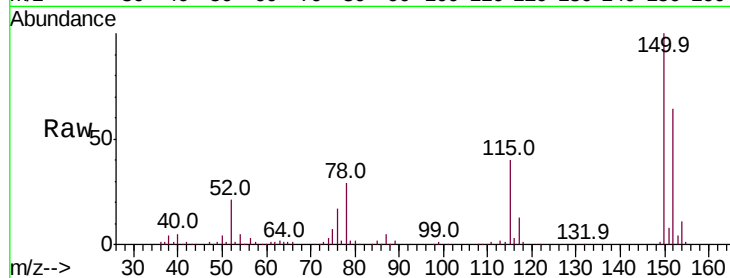


#1

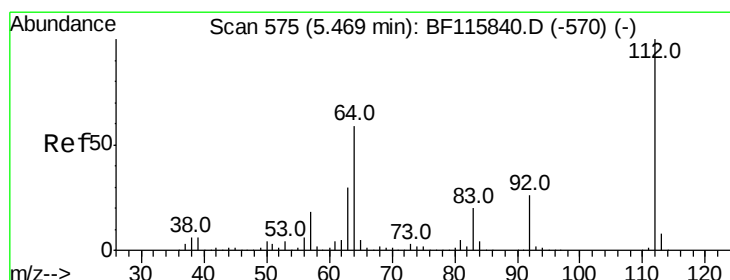
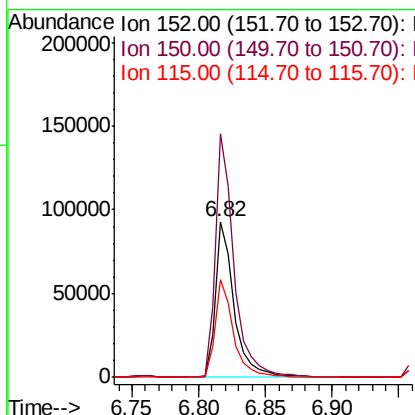
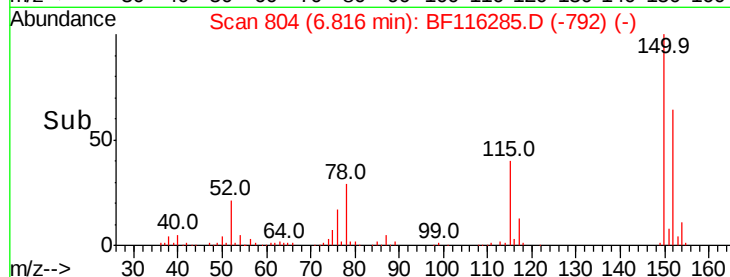
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116285.D
 Acq: 15 Aug 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-2

Tot Ion:152 Resp: 91859
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 62.8 49.9 74.9



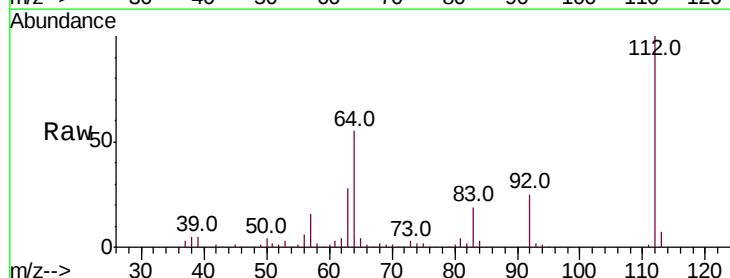
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



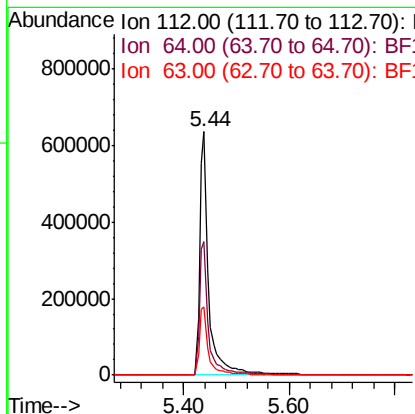
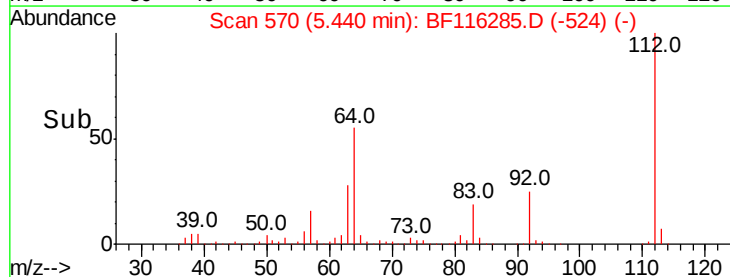
#5

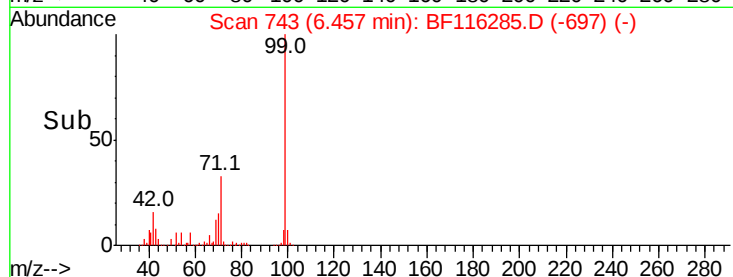
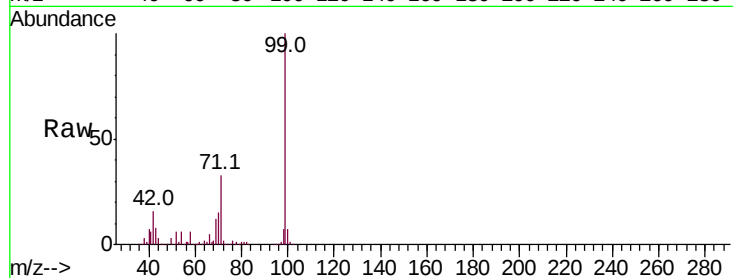
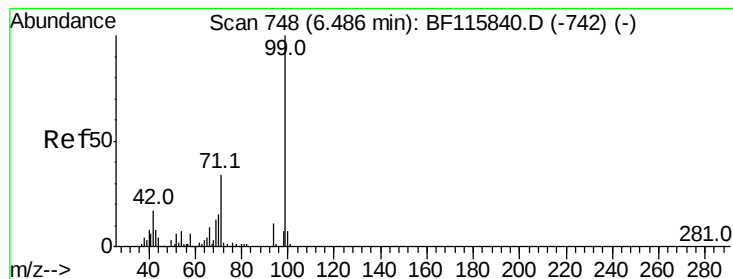
2-Fluorophenol
 Concen: 140.404 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF116285.D
 Acq: 15 Aug 2019 18:29

Tgt Ion:112 Resp: 770423
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.4 68.2
 63 27.8 23.7 35.5



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: 143.369 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-2

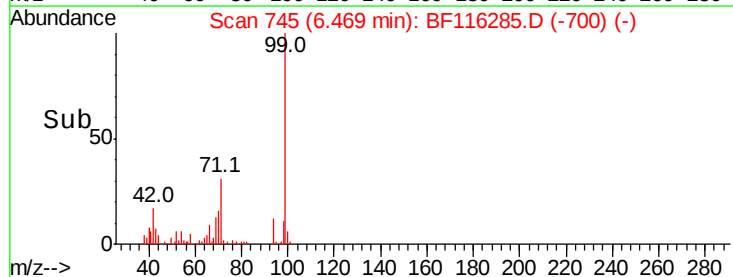
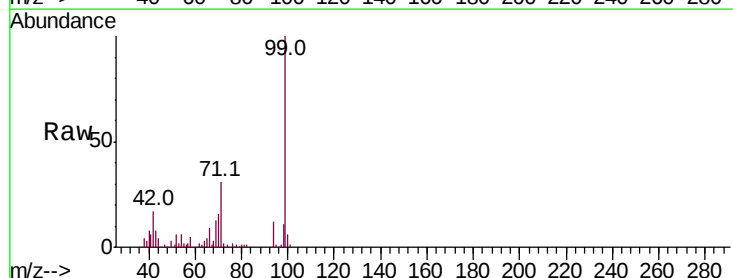
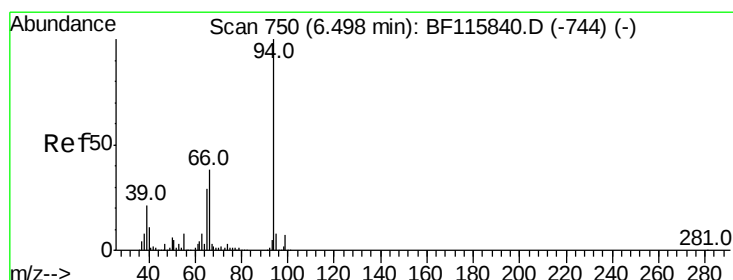
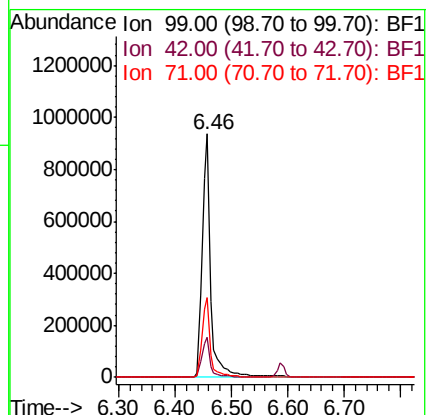
Tot Ion: 99 Resp: 992550

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.8

71 32.8 27.3 40.9



#10

Phenol

Concen: 2.068 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

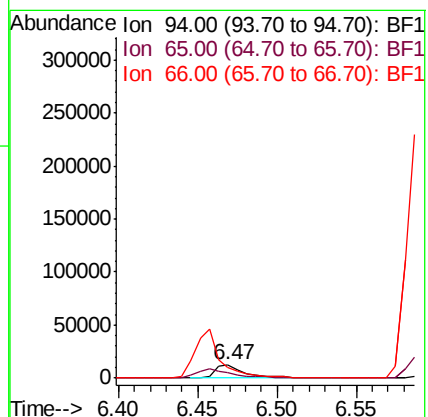
Tgt Ion: 94 Resp: 16858

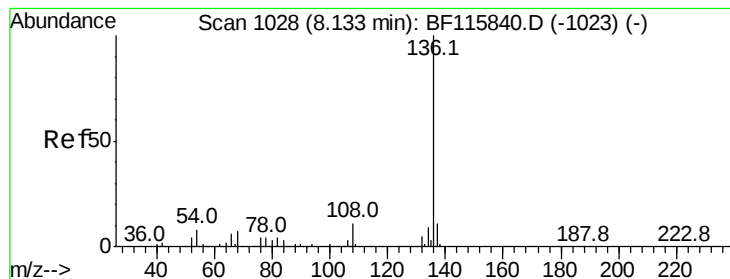
Ion Ratio Lower Upper

94 100

65 36.9 16.8 56.8

66 72.7 34.2 74.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-2

Tot Ion:136 Resp: 357915

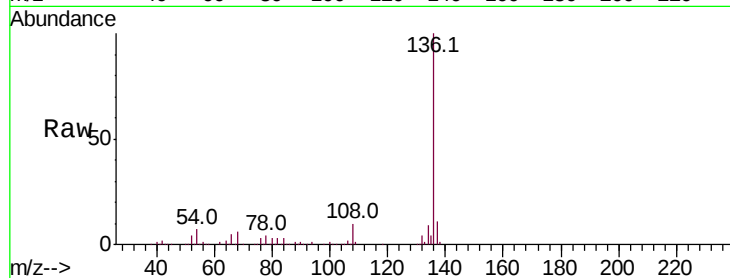
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 5.8 8.6

68 6.0 5.2 7.8

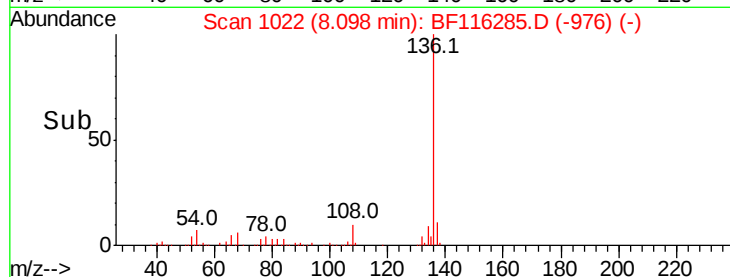


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

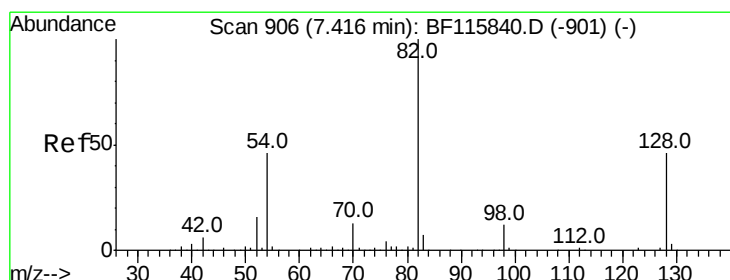
Ion 68.00 (67.70 to 68.70): BF1



Abundance

8.10

Time-->



#23

Nitrobenzene-d5

Concen: 100.339 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

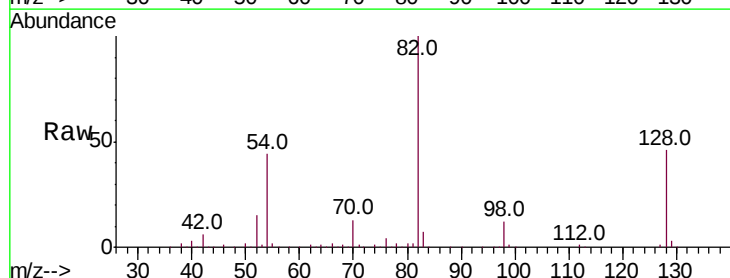
Tgt Ion: 82 Resp: 622156

Ion Ratio Lower Upper

82 100

128 45.8 36.5 54.7

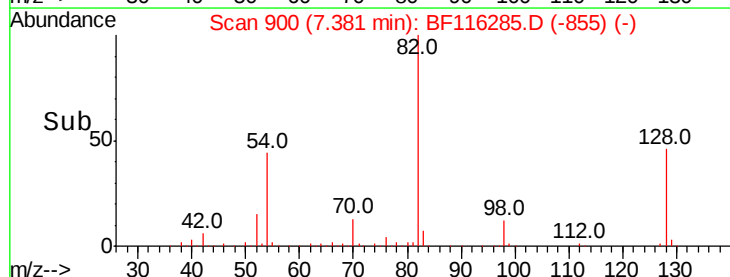
54 44.2 36.0 54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

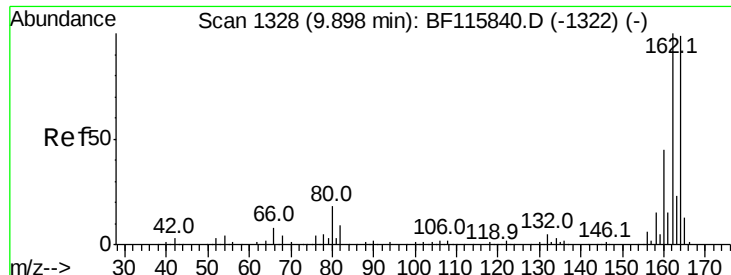
Ion 54.00 (53.70 to 54.70): BF1



Abundance

7.38

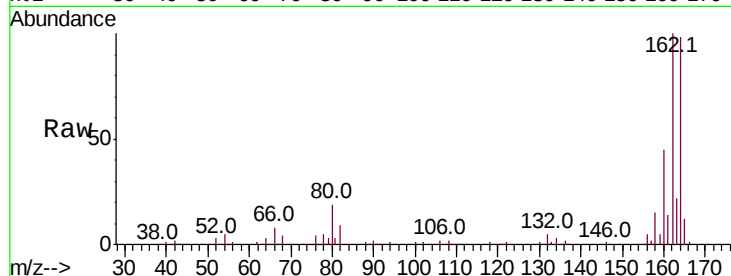
Time-->



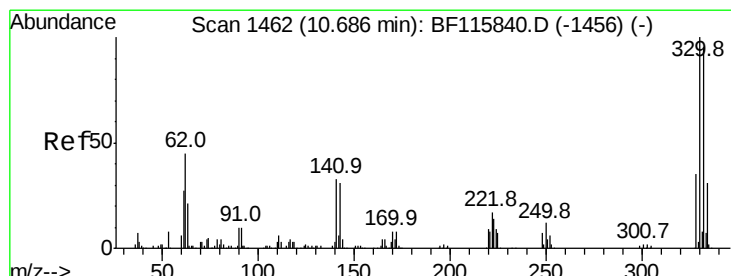
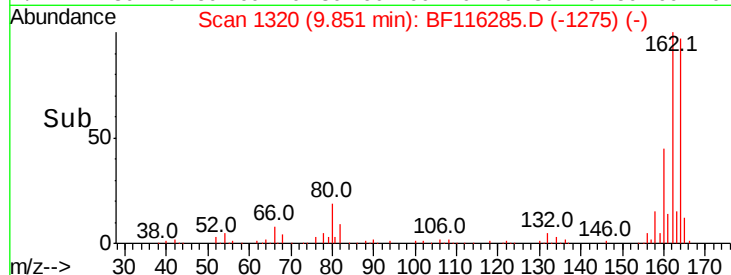
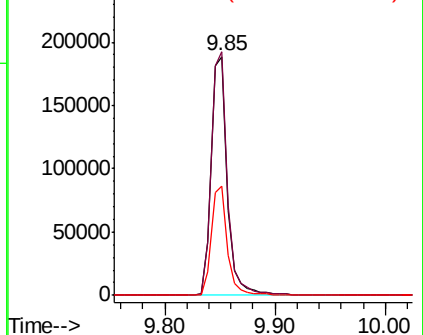
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-2

Tot Ion:164 Resp: 187013
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 45.7 37.6 56.4

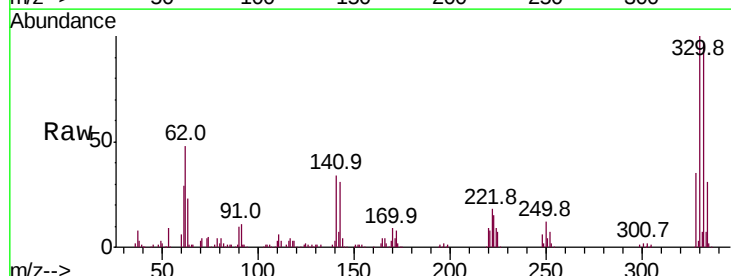


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

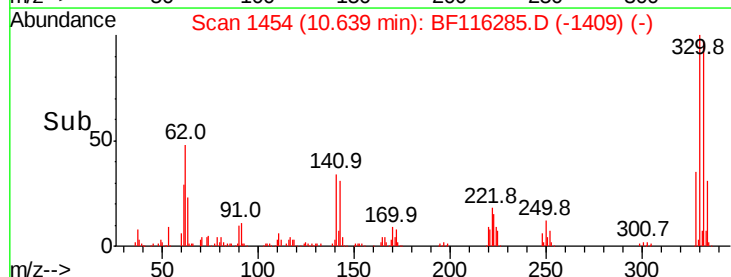
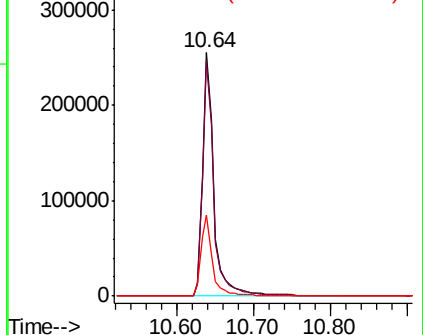


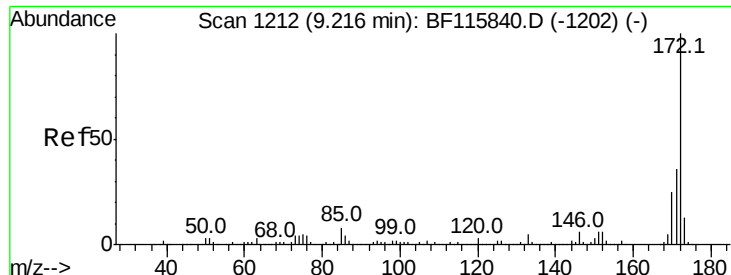
#42
2,4,6-Tribromophenol
Concen: 144.924 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Tgt Ion:330 Resp: 262768
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 33.9 26.3 39.5



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

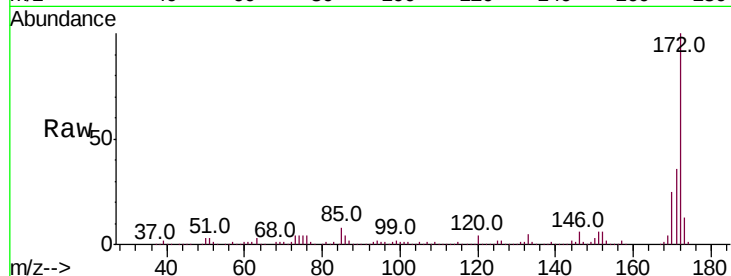




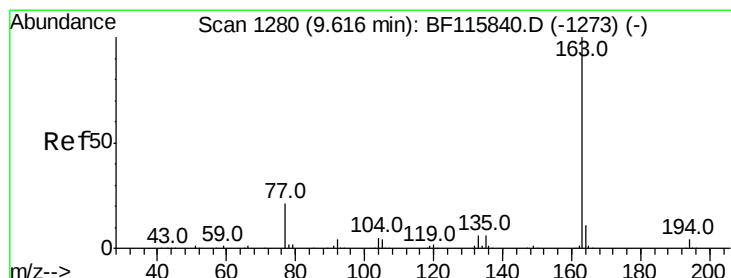
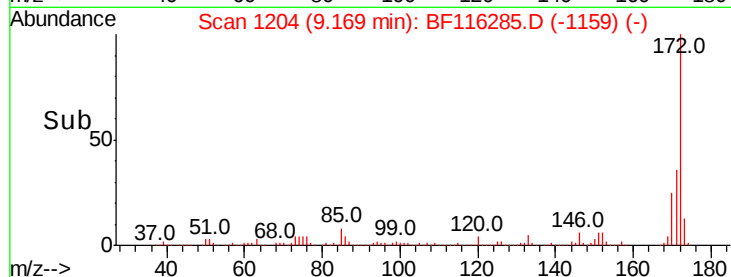
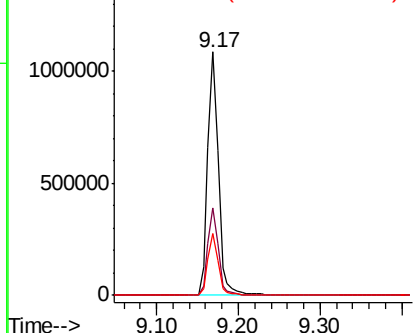
#45
2-Fluorobiphenyl
Concen: 99.981 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-2

Tot Ion:172 Resp: 998239
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 25.2 20.1 30.1

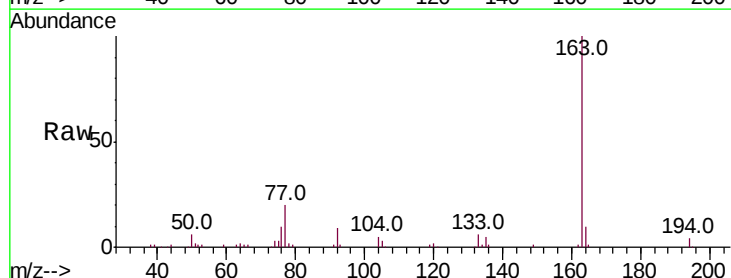


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

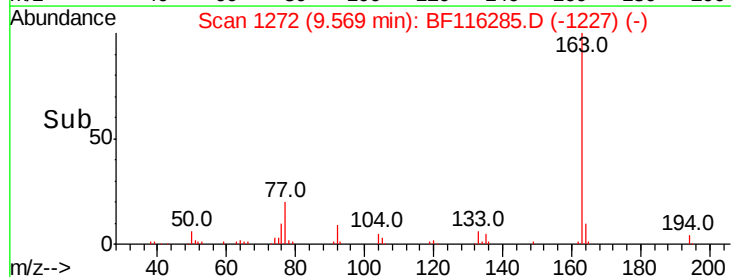
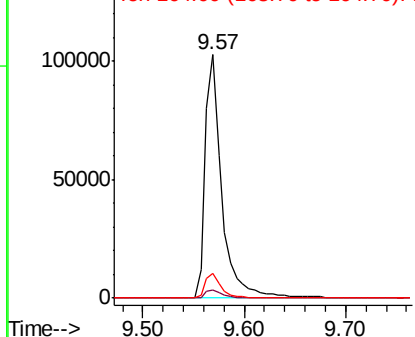


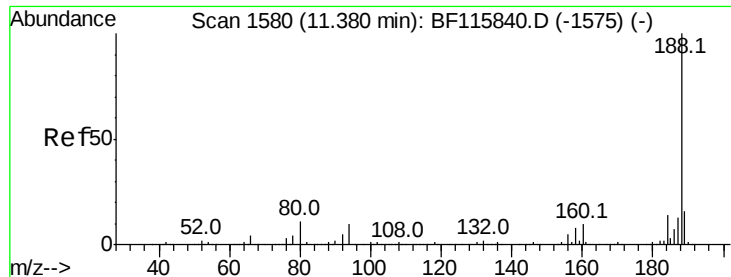
#50
Dimethylphthalate
Concen: 9.242 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Tgt Ion:163 Resp: 117683
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 8.4 12.6



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

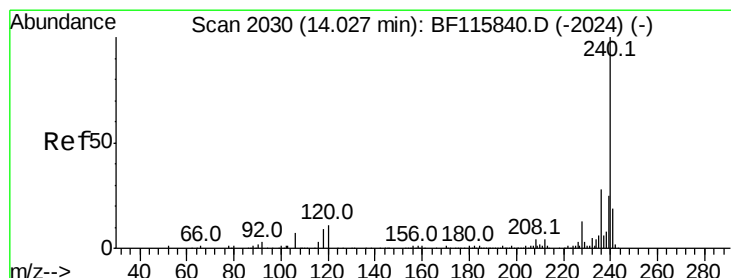
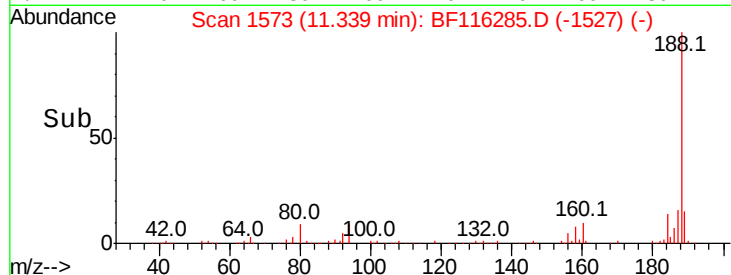
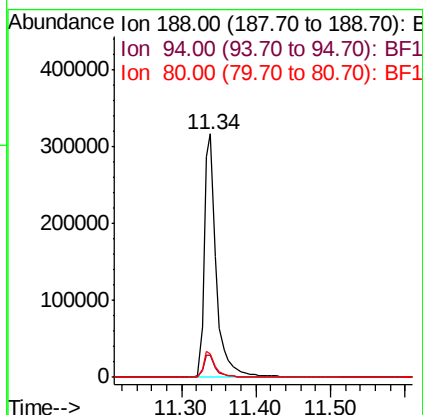
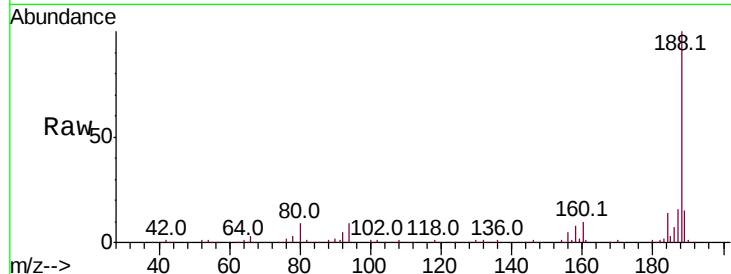




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

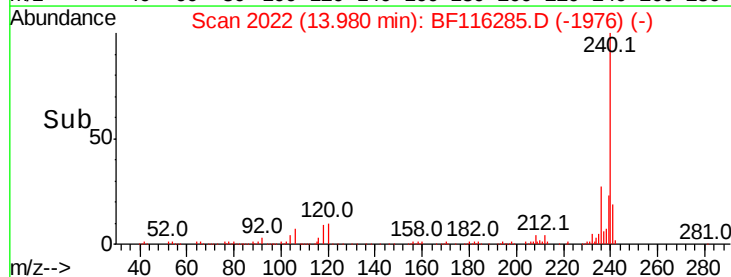
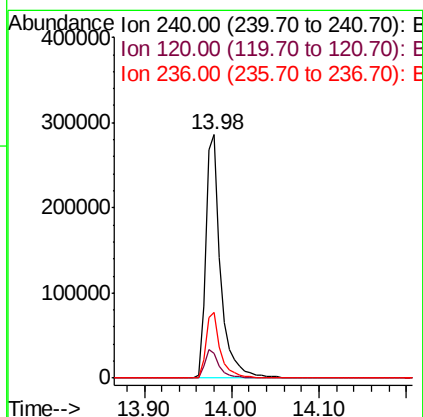
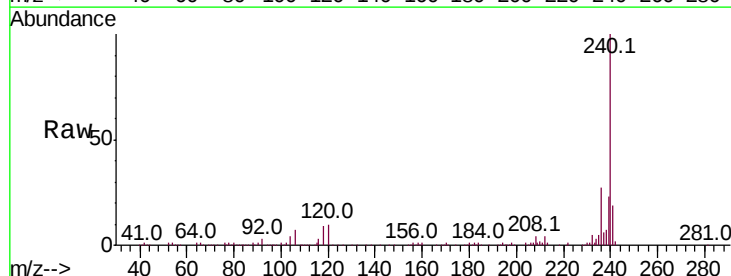
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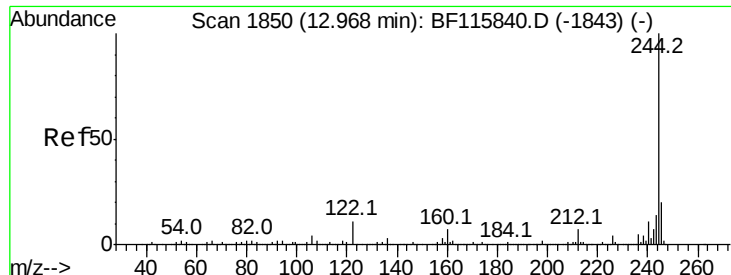
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.1	12.1
80	9.5	8.7	13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.7	16.1#
236	27.1	22.2	33.2





#79

Terphenyl-d14

Concen: 76.076 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-2

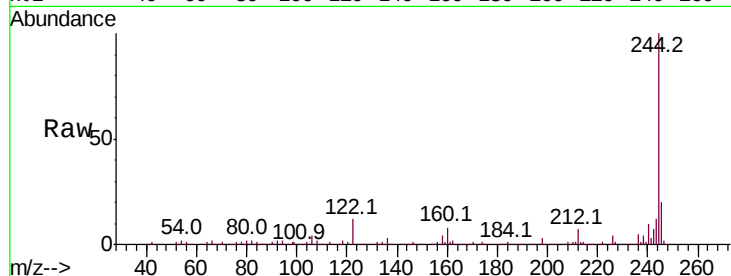
Tot Ion:244 Resp: 1216641

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

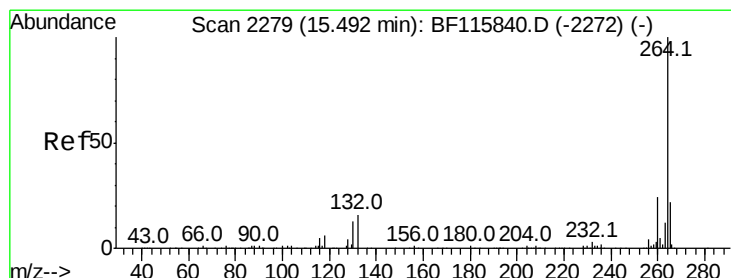
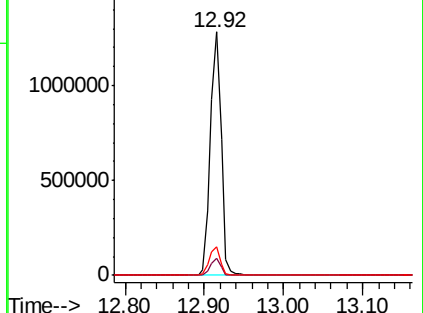
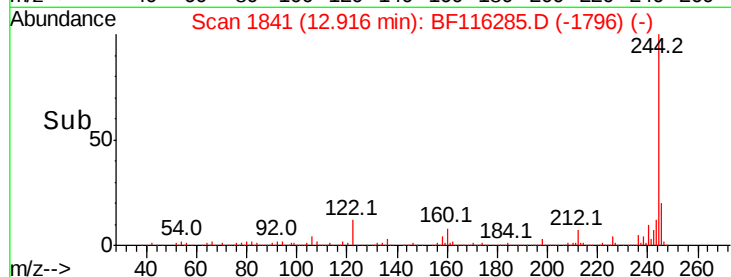
122 11.8 9.0 13.4



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: 15.43 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

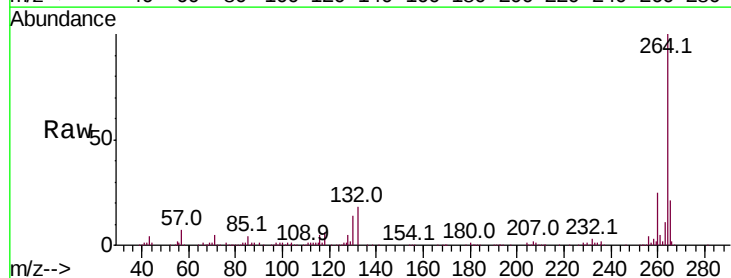
Tgt Ion:264 Resp: 389233

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 21.4 17.4 26.0



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

