

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116294.D
 Acq On : 15 Aug 2019 22:31
 Operator : HP/JU
 Sample : K4321-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Aug 16 04:47:29 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

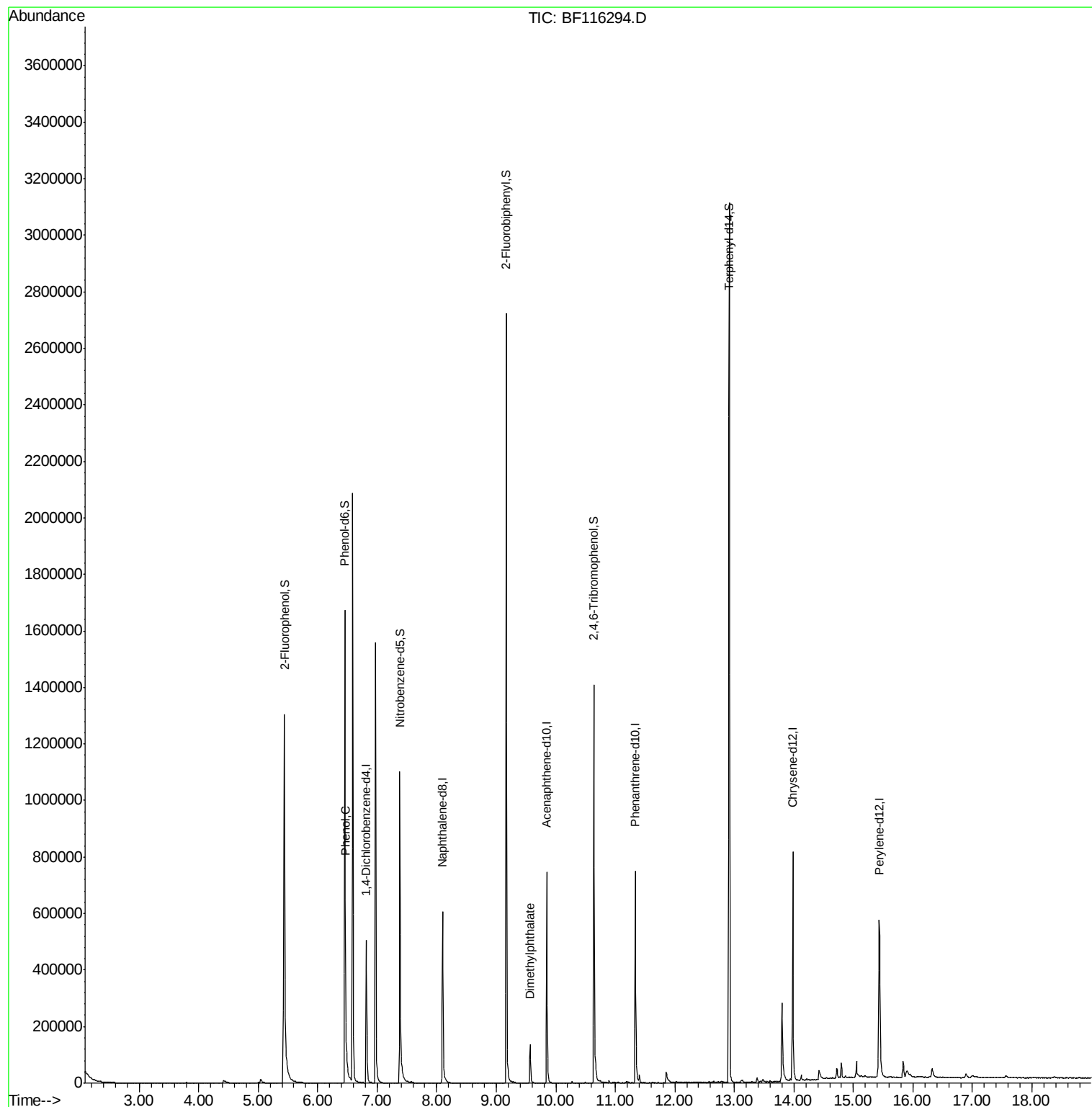
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	83272	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	325604	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	174067	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	332472	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	309120	20.00	ng	-0.03
87) Perylene-d12	15.43	264	317545	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	540232	108.61	ng	-0.03
7) Phenol-d6	6.46	99	709613	113.07	ng	-0.03
23) Nitrobenzene-d5	7.38	82	445657	79.01	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	198267	117.48	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	830888	89.41	ng	-0.04
79) Terphenyl-d14	12.92	244	1054138	71.86	ng	-0.04
Target Compounds						
10) Phenol	6.47	94	15116	2.045	ng	Qvalue # 76
50) Dimethylphthalate	9.57	163	70277	5.930	ng	99

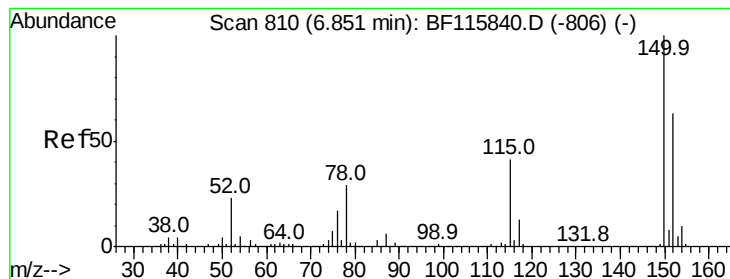
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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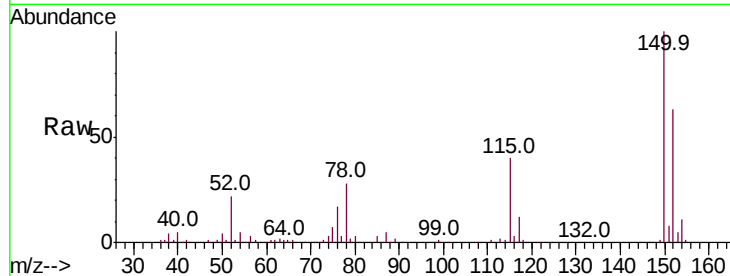


#1

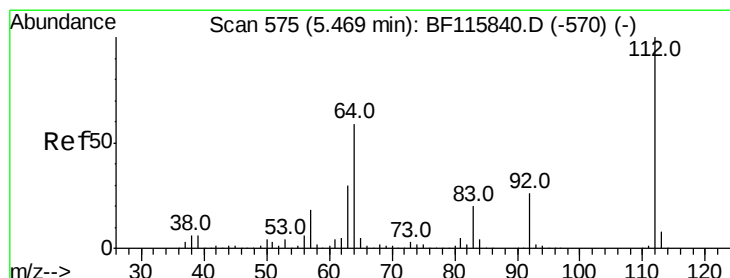
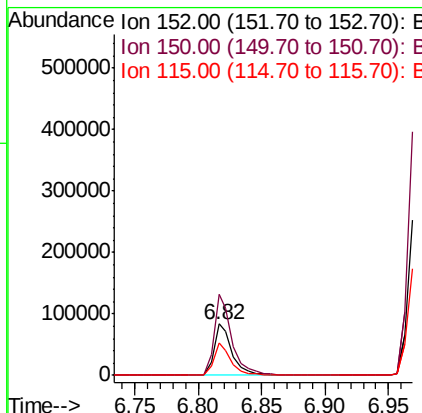
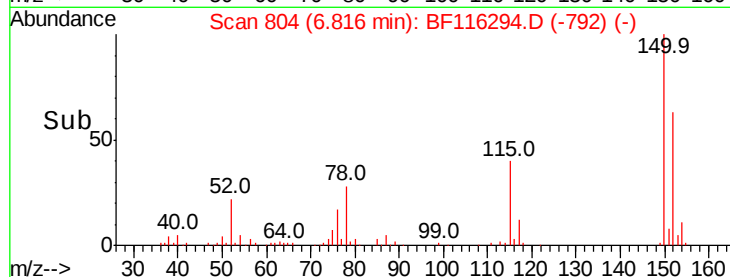
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116294.D
Acq: 15 Aug 2019 22:31

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion:152 Resp: 83272
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 63.2 49.9 74.9



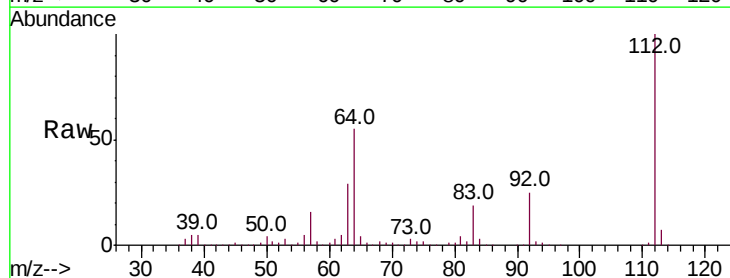
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



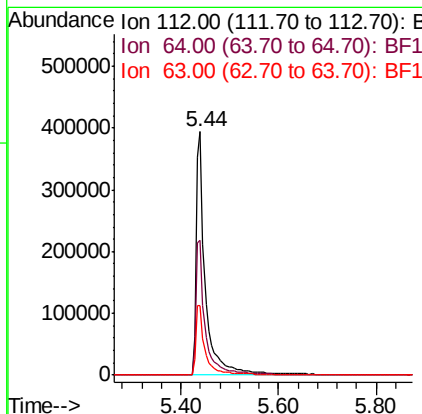
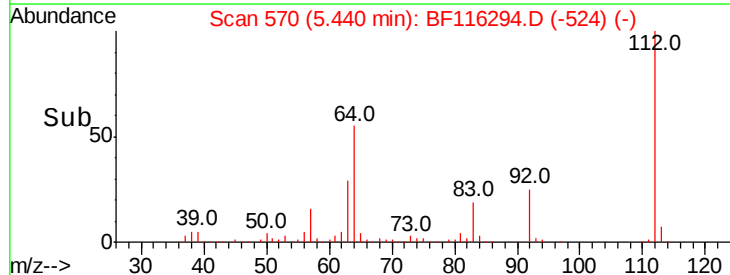
#5

2-Fluorophenol
Concen: 108.606 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116294.D
Acq: 15 Aug 2019 22:31

Tgt Ion:112 Resp: 540232
Ion Ratio Lower Upper
112 100
64 55.3 45.4 68.2
63 28.6 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: 113.070 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116294.D

Acq: 15 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

SP-2

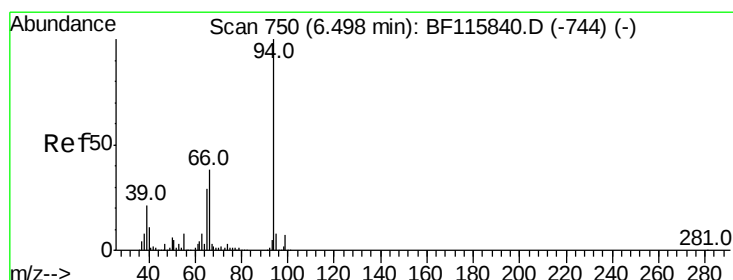
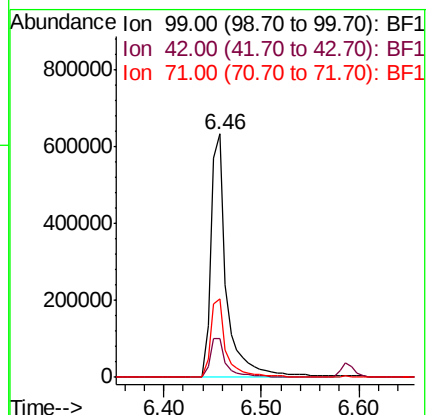
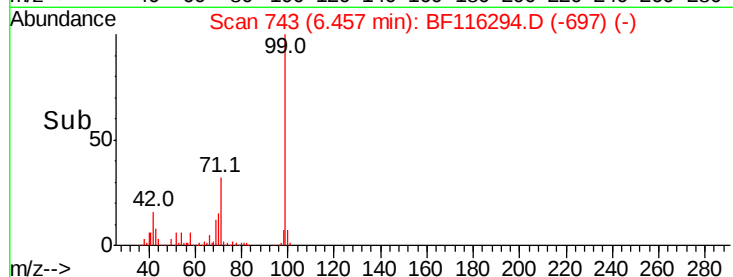
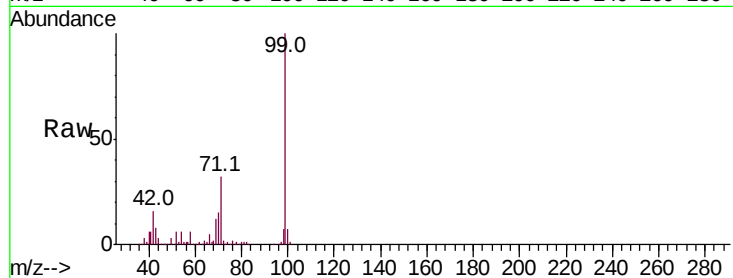
Tot Ion: 99 Resp: 709613

Ion Ratio Lower Upper

99 100

42 15.9 13.8 20.8

71 32.1 27.3 40.9



#10

Phenol

Concen: 2.045 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF116294.D

Acq: 15 Aug 2019 22:31

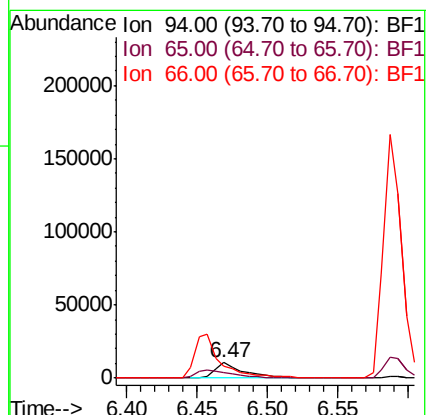
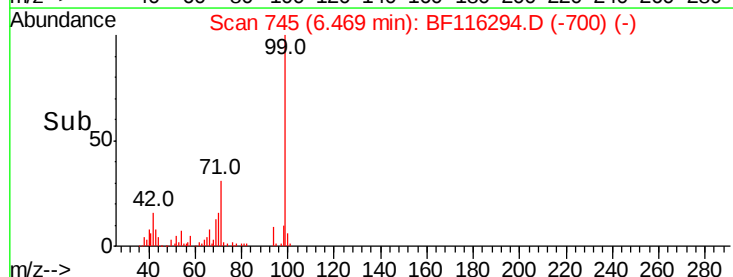
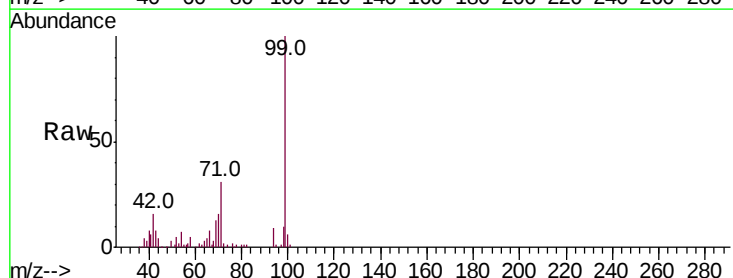
Tgt Ion: 94 Resp: 15116

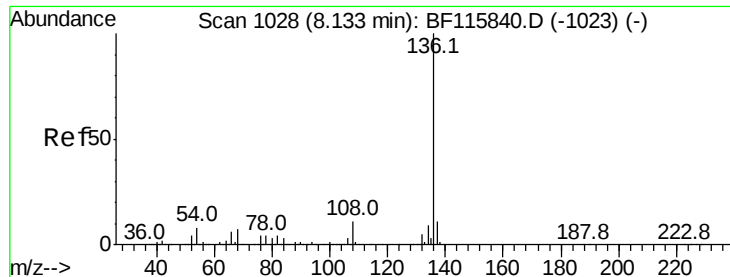
Ion Ratio Lower Upper

94 100

65 39.8 16.8 56.8

66 81.0 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: BF116294.D

Acq: 15 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

SP-2

Tot Ion:136 Resp: 325604

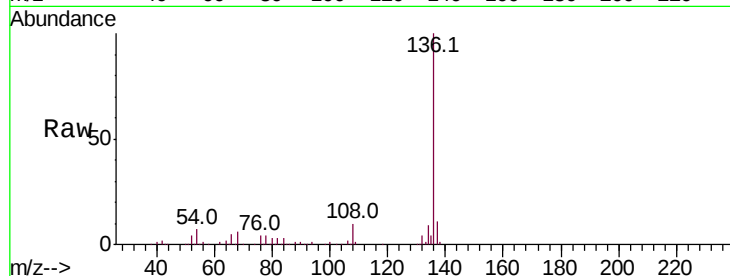
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.0 5.8 8.6

68 6.3 5.2 7.8

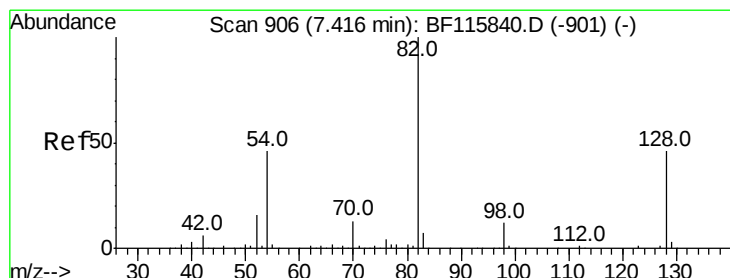
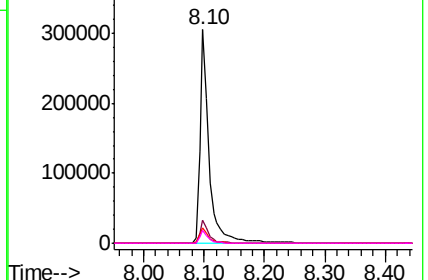
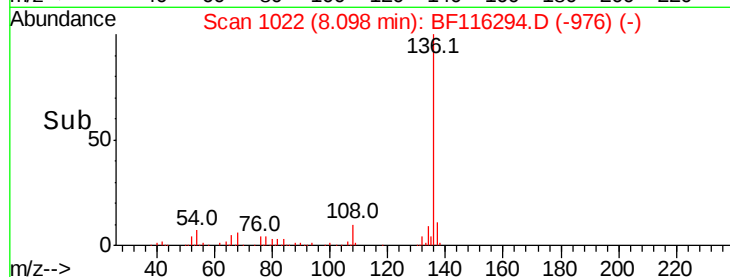


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 79.006 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116294.D

Acq: 15 Aug 2019 22:31

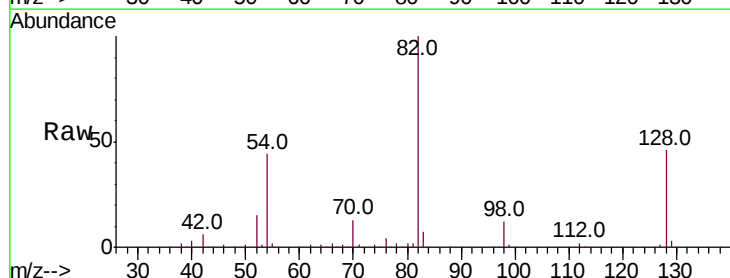
Tgt Ion: 82 Resp: 445657

Ion Ratio Lower Upper

82 100

128 45.6 36.5 54.7

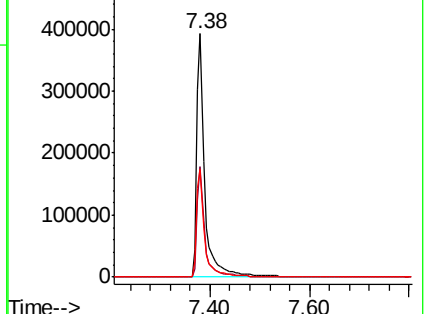
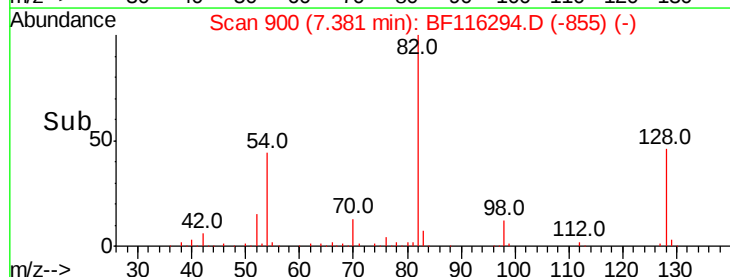
54 44.4 36.0 54.0

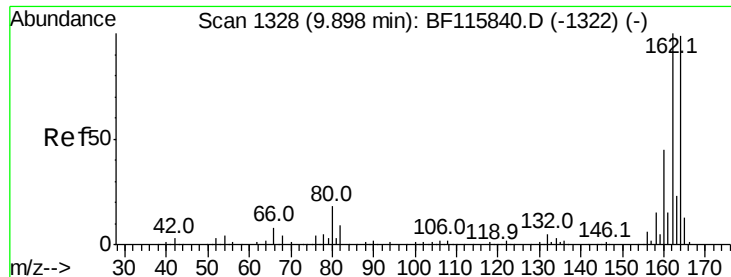


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116294.D

Acq: 15 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

SP-2

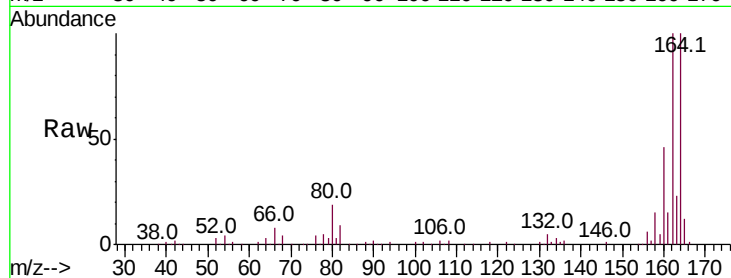
Tot Ion:164 Resp: 174067

Ion Ratio Lower Upper

164 100

162 99.9 82.6 124.0

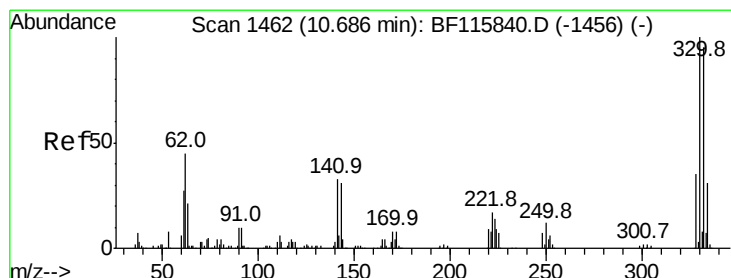
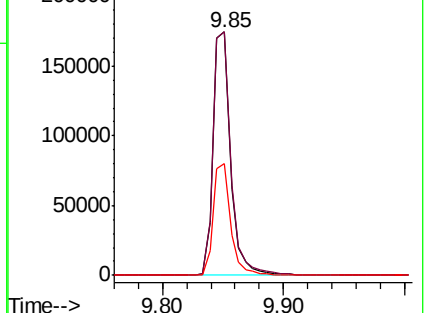
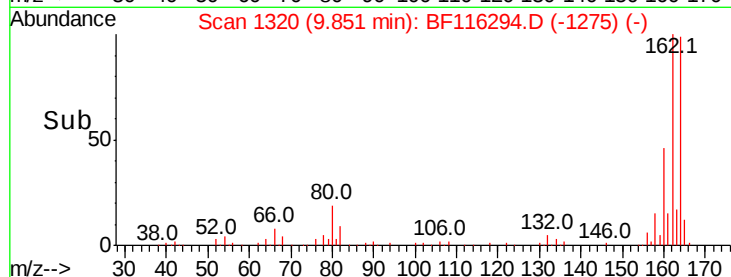
160 46.2 37.6 56.4



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: 117.483 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116294.D

Acq: 15 Aug 2019 22:31

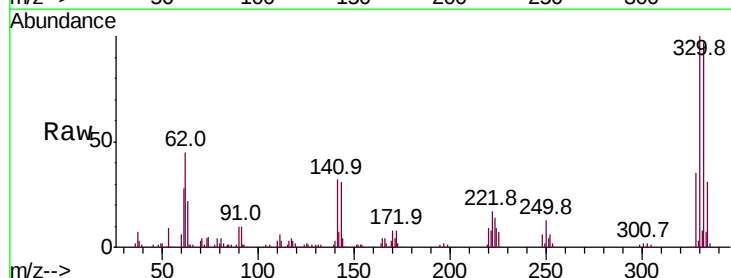
Tgt Ion:330 Resp: 198267

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

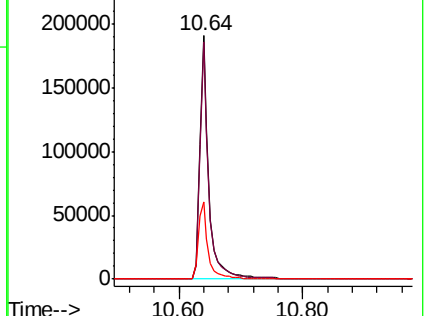
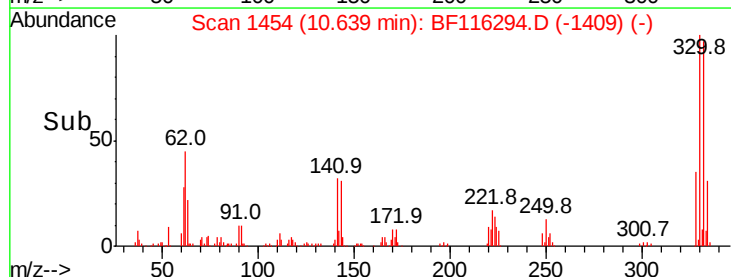
141 34.1 26.3 39.5

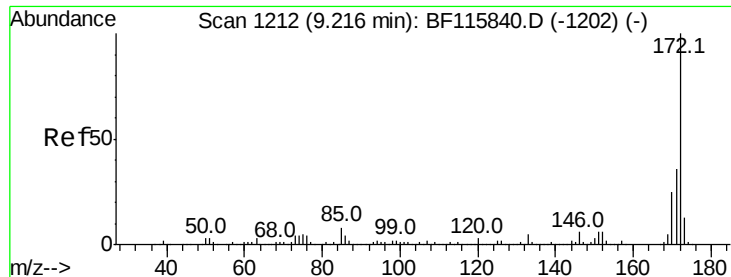


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

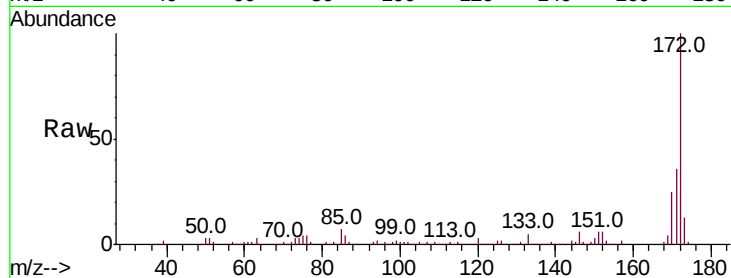




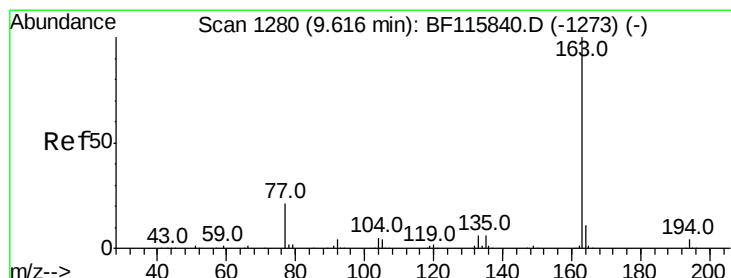
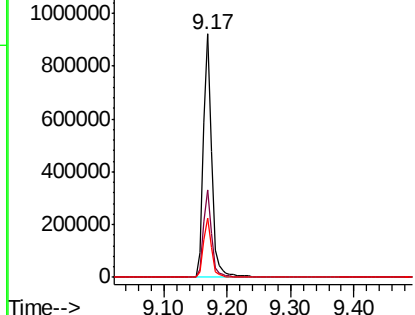
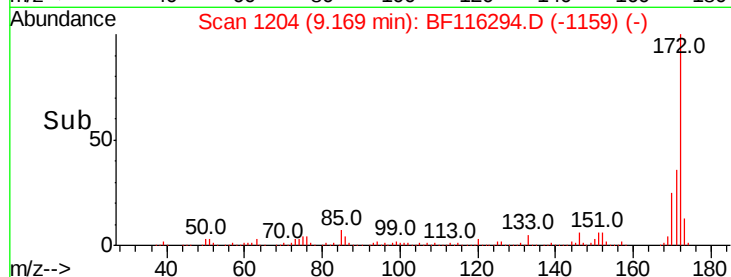
#45
 2-Fluorobiphenyl
 Concen: 89.409 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116294.D
 Acq: 15 Aug 2019 22:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tot Ion:172 Resp: 830888
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.6 20.1 30.1

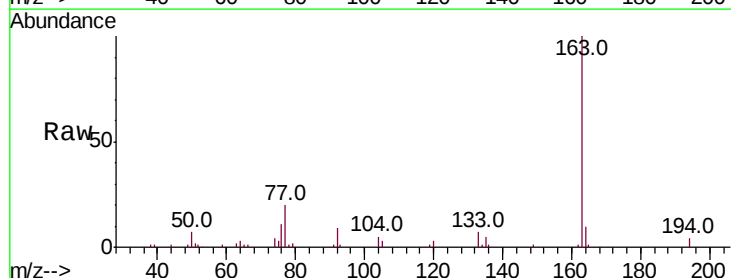


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

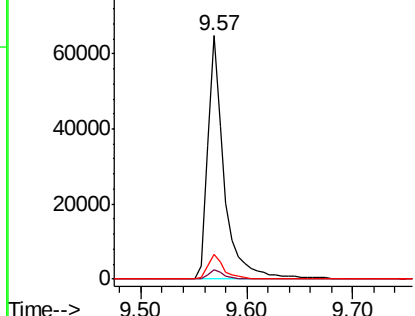
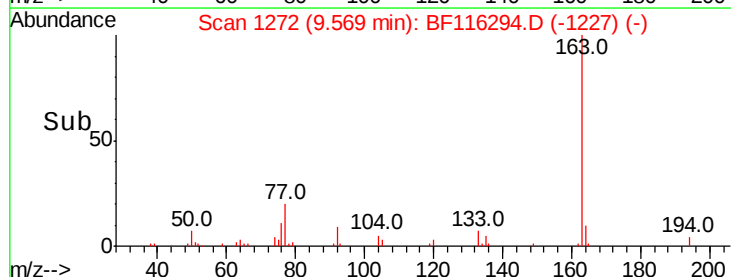


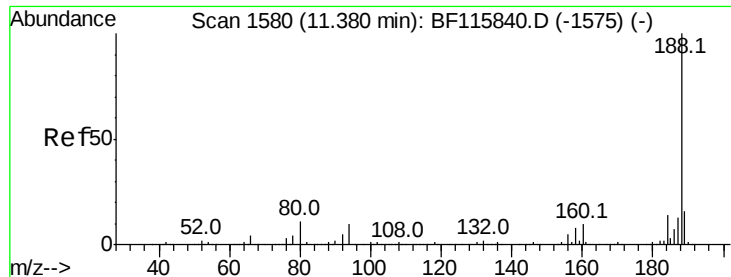
#50
 Dimethylphthalate
 Concen: 5.930 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.04 min
 Lab File: BF116294.D
 Acq: 15 Aug 2019 22:31

Tgt Ion:163 Resp: 70277
 Ion Ratio Lower Upper
 163 100
 194 3.8 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

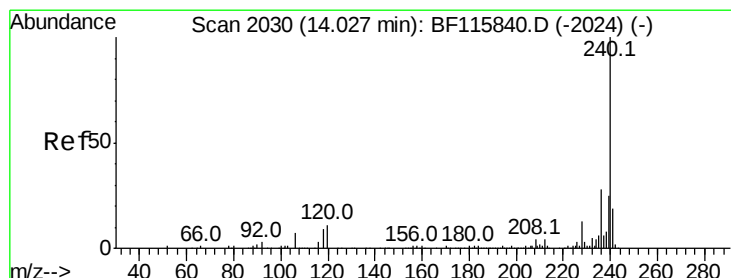
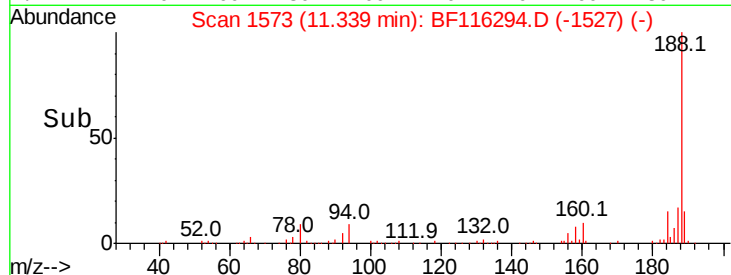
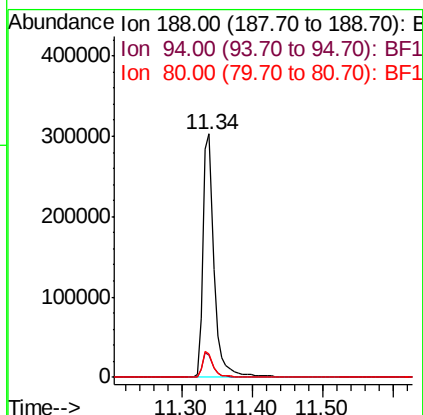
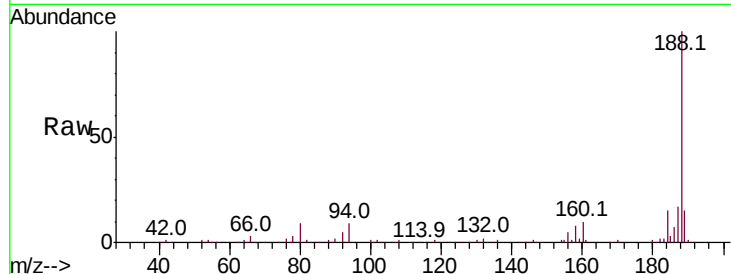




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116294.D
Acq: 15 Aug 2019 22:31

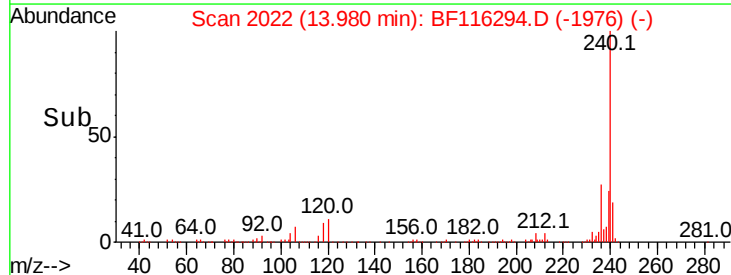
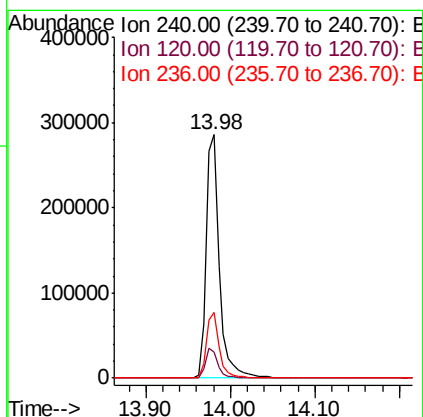
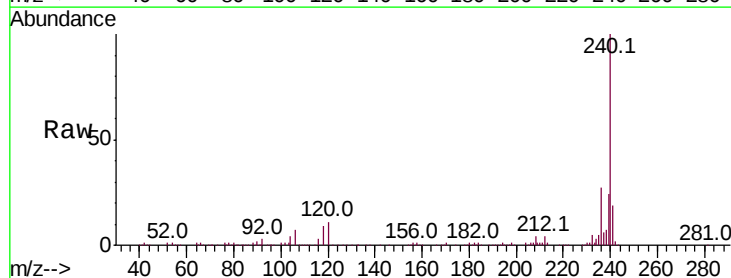
Instrument :
BNA_F
ClientSampleId :
SP-2

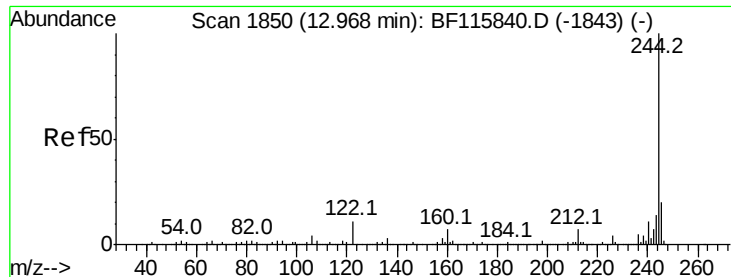
Tot Ion:188 Resp: 332472
Ion Ratio Lower Upper
188 100
94 9.1 8.1 12.1
80 9.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116294.D
Acq: 15 Aug 2019 22:31

Tgt Ion:240 Resp: 309120
Ion Ratio Lower Upper
240 100
120 10.6 10.7 16.1#
236 27.2 22.2 33.2





#79

Terphenyl-d14

Concen: 71.857 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116294.D

Acq: 15 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

SP-2

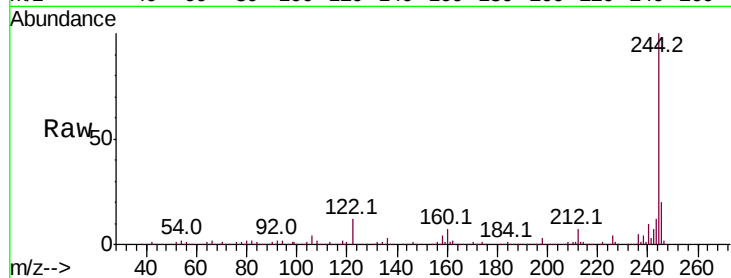
Tot Ion:244 Resp: 1054138

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

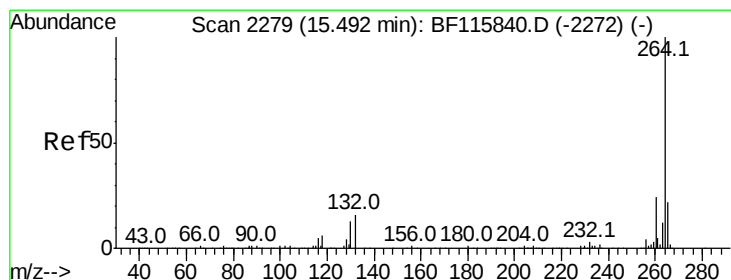
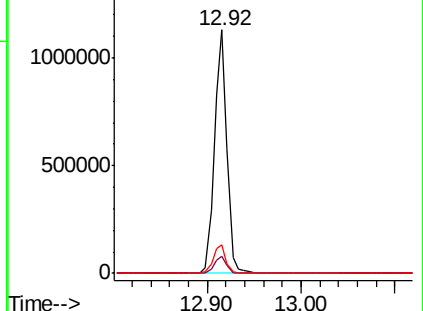
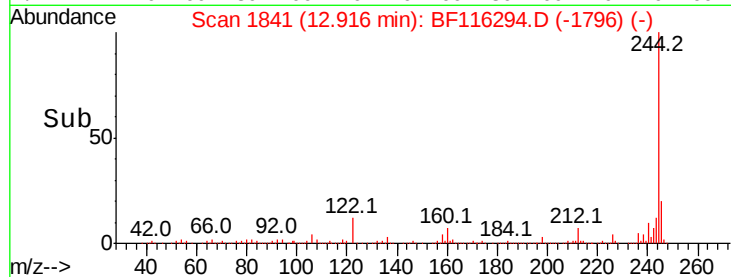
122 11.6 9.0 13.4



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: BF116294.D

Acq: 15 Aug 2019 22:31

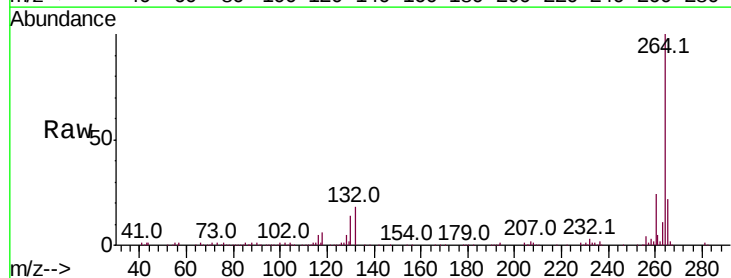
Tgt Ion:264 Resp: 317545

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 22.0 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

