

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121439.D
 Acq On : 25 Aug 2020 21:16
 Operator : JU/CG
 Sample : L3787-01 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20071

Quant Time: Aug 26 06:33:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

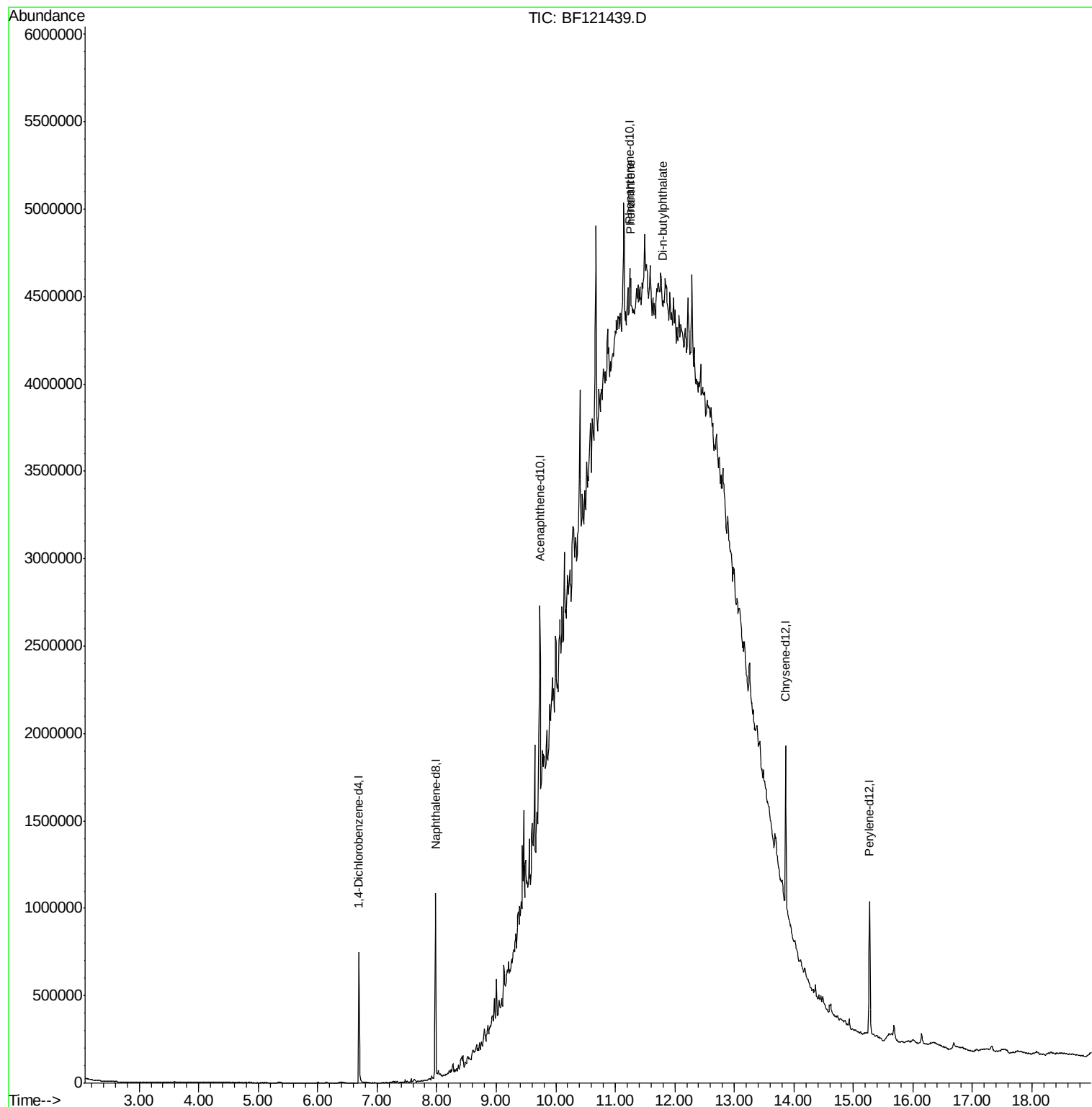
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	125997	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	518375	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	227694	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	254007	20.00	ng	0.02
76) Chrysene-d12	13.86	240	329398	20.00	ng	0.02
86) Perylene-d12	15.27	264	345831	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	4342	0.57	ng	0.04
7) Phenol-d6	6.37	99	6320	0.64	ng	0.04
23) Nitrobenzene-d5	7.26	82	4771	0.52	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	1447	0.55	ng	0.02
45) 2-Fluorobiphenyl	9.05	172	14095	-13.84	ng	0.00
79) Terphenyl-d14	12.82	244	11771	0.70	ng	0.02
Target Compounds						
71) Phenanthrene	11.26	178	42804	3.256	ng	# 42
74) Di-n-butylphthalate	11.80	149	29603	2.032	ng	# 57

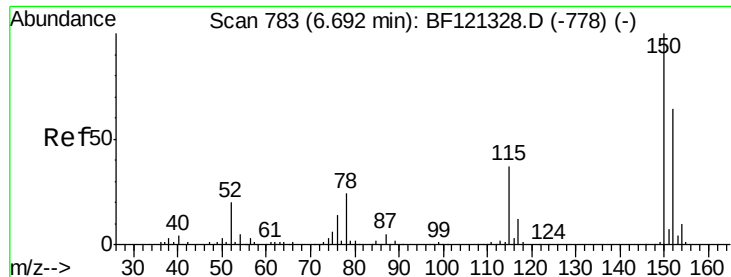
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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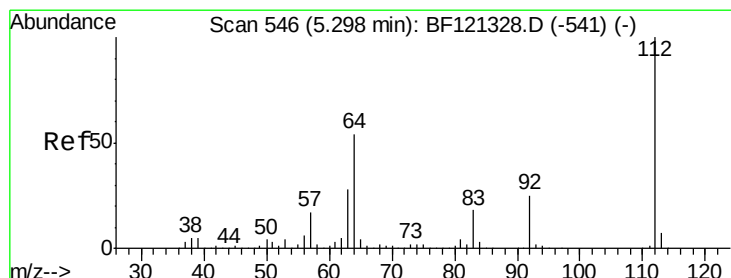
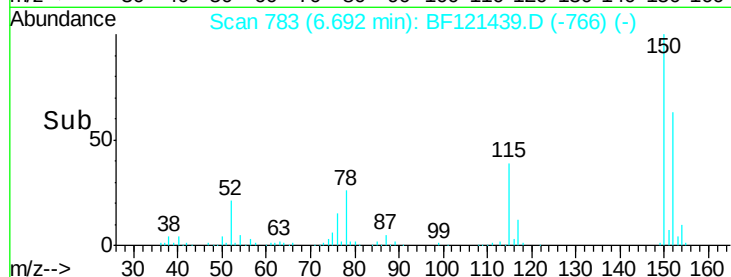
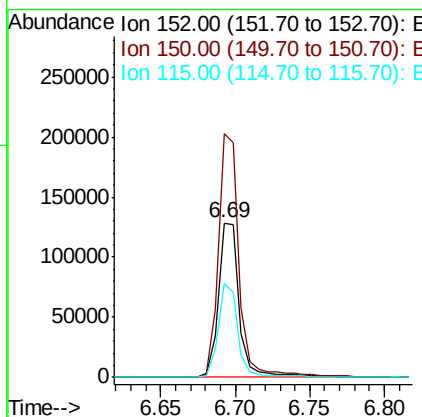
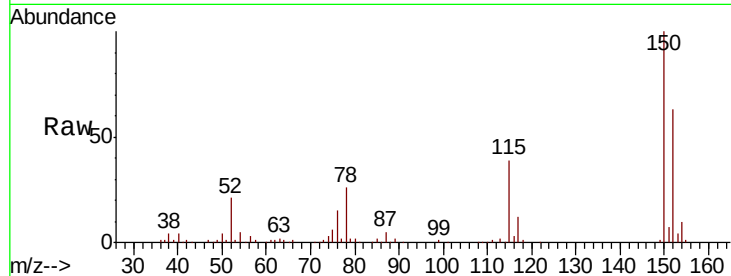


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Instrument :
BNA_F
ClientSampled :
20071

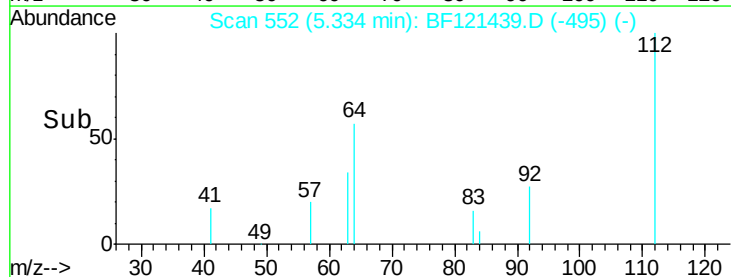
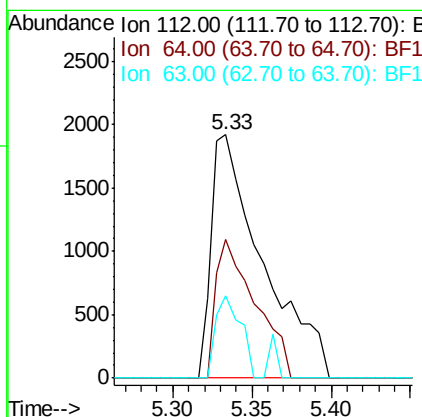
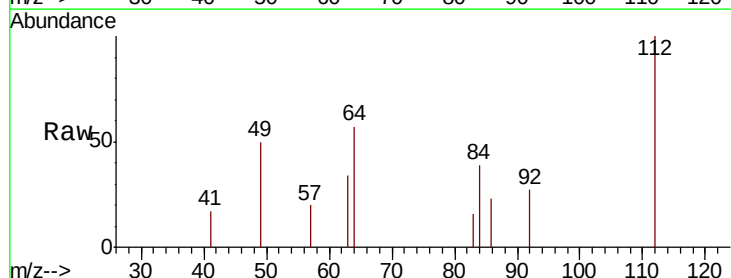
Tot Ion:152 Resp: 125997
Ion Ratio Lower Upper
152 100
150 158.0 124.8 187.2
115 61.1 46.1 69.1

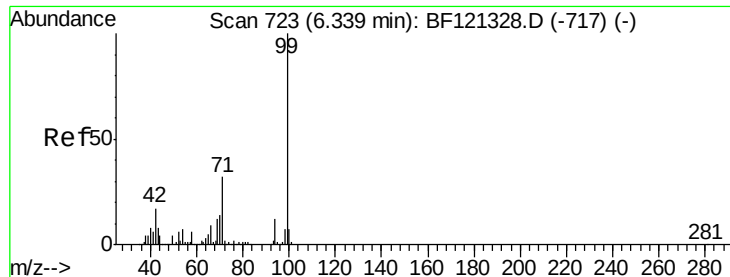


#5

2-Fluorophenol
Concen: 0.565 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.04 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:112 Resp: 4342
Ion Ratio Lower Upper
112 100
64 56.7 43.5 65.3
63 33.6 22.0 33.0#





#7

Phenol-d6

Concen: 0.644 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.04 min

Lab File: BF121439.D

Acq: 25 Aug 2020 21:16

Instrument :

BNA_F

ClientSampleId :

20071

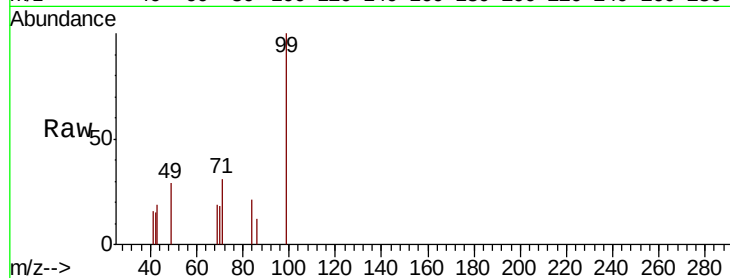
Tot Ion: 99 Resp: 6320

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

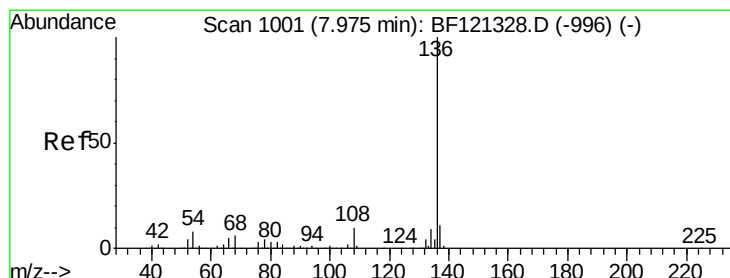
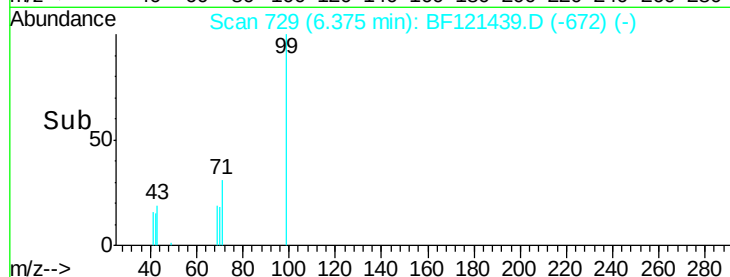
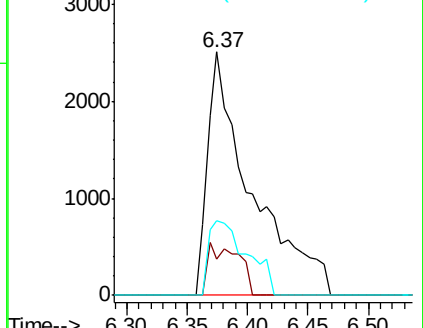
71 30.9 25.2 37.8



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: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121439.D

Acq: 25 Aug 2020 21:16

Tgt Ion: 136 Resp: 518375

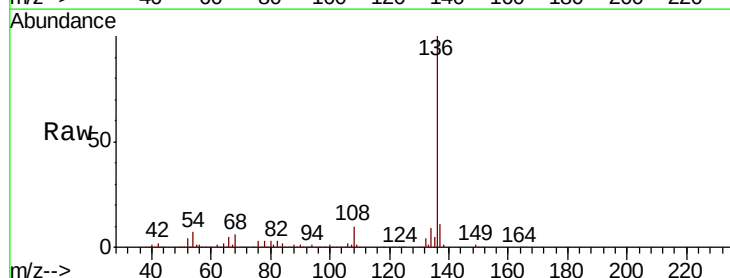
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.0 6.1 9.1

68 5.9 5.0 7.4

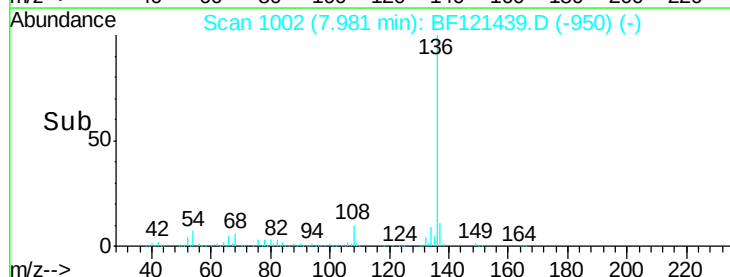
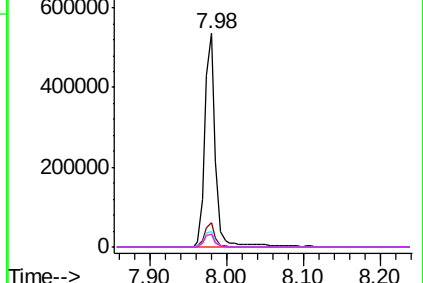


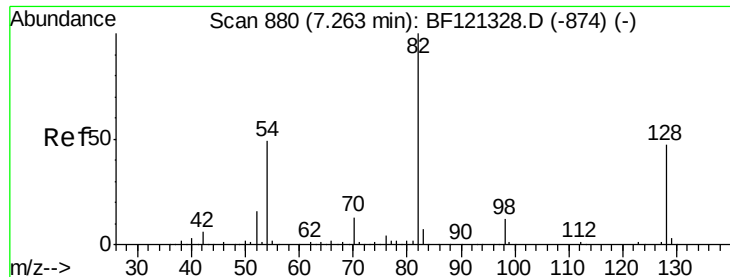
Abundance Ion 136.00 (135.70 to 136.70): E

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

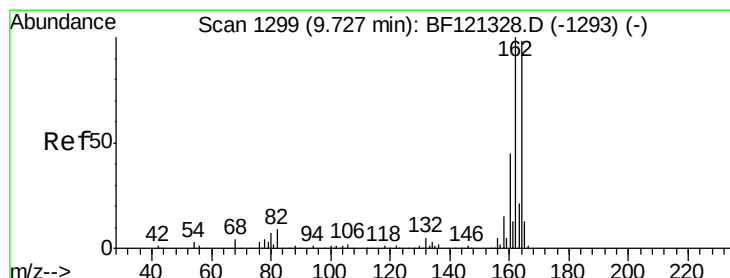
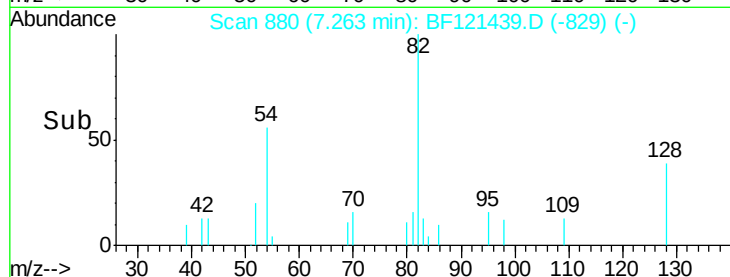
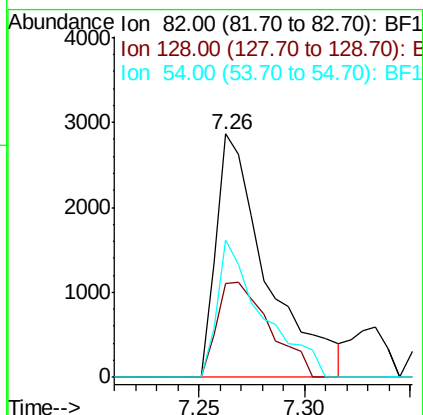
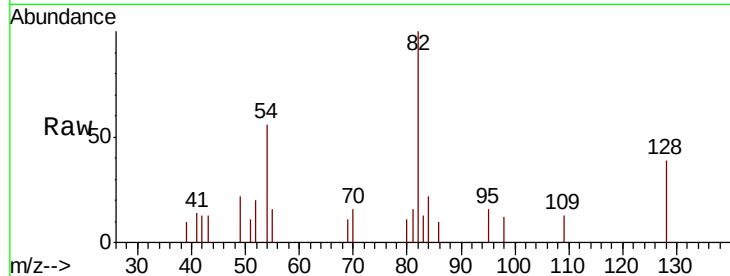




#23
 Nitrobenzene-d5
 Concen: 0.521 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121439.D
 Acq: 25 Aug 2020 21:16

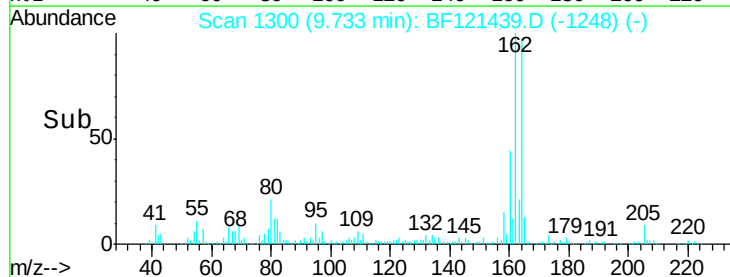
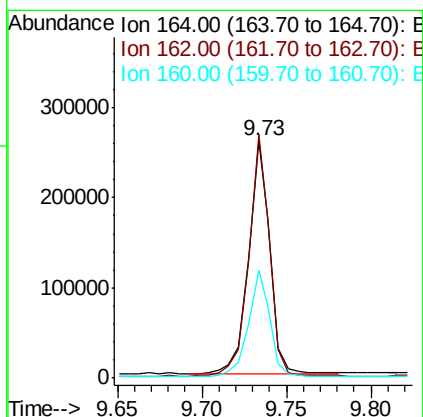
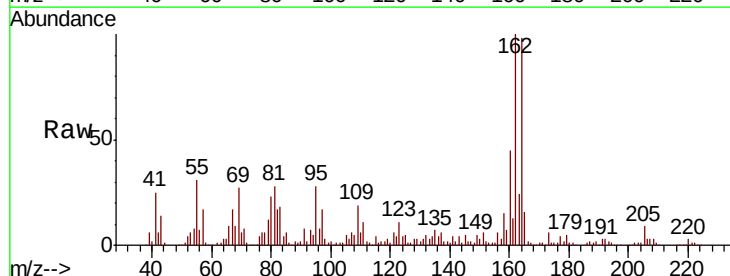
Instrument :
 BNA_F
 ClientSampleId :
 20071

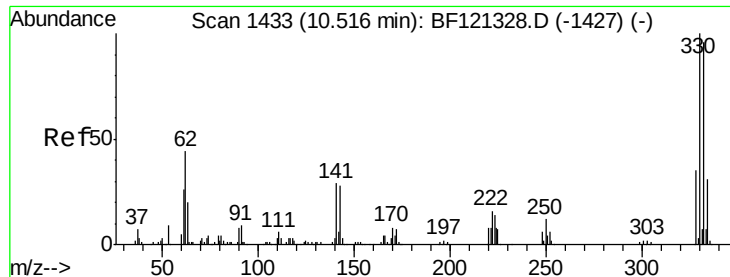
Tot Ion: 82 Resp: 4771
 Ion Ratio Lower Upper
 82 100
 128 38.6 37.9 56.9
 54 56.4 39.0 58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF121439.D
 Acq: 25 Aug 2020 21:16

Tgt Ion: 164 Resp: 227694
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.7 122.5
 160 45.6 37.0 55.4

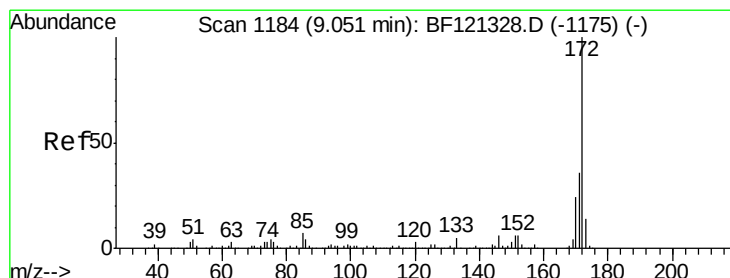
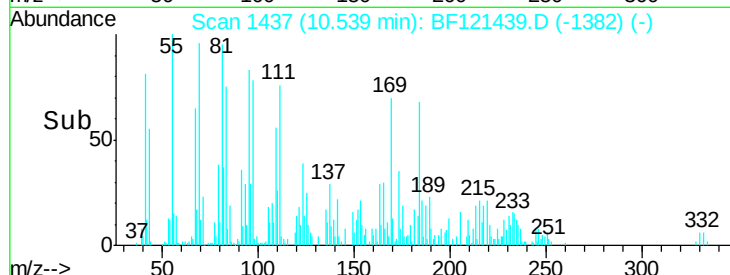
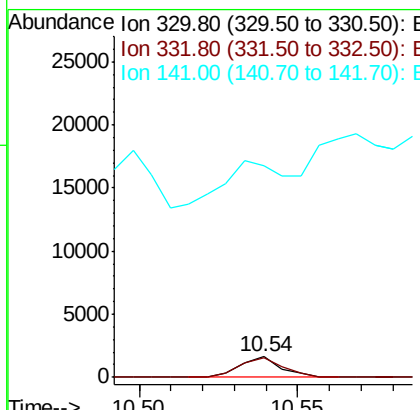
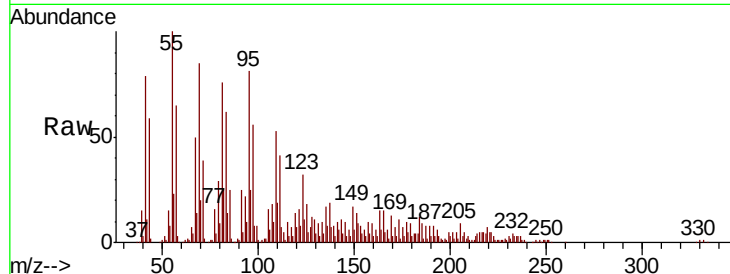




#42
 2,4,6-Tribromophenol
 Concen: 0.545 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: BF121439.D
 Acq: 25 Aug 2020 21:16

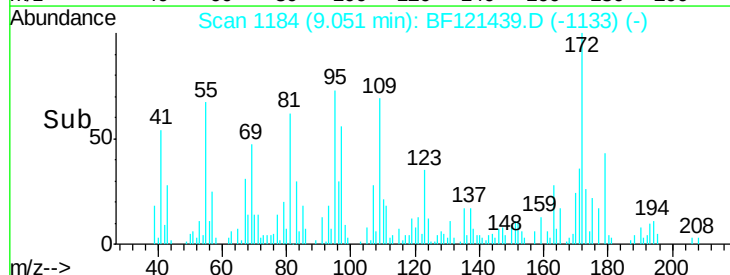
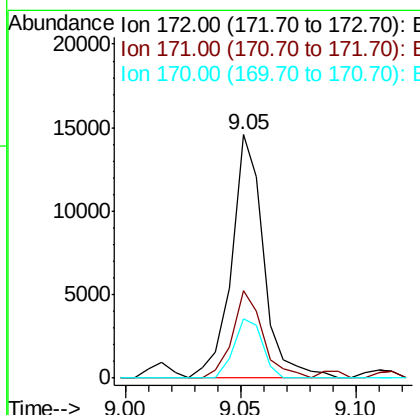
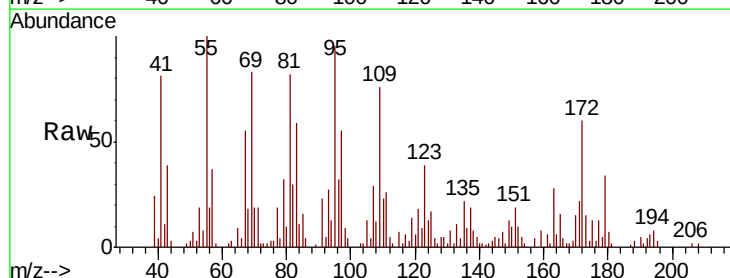
Instrument :
 BNA_F
 ClientSampleId :
 20071

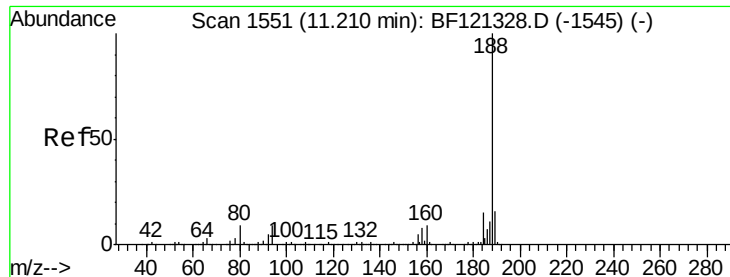
Tot Ion:330 Resp: 1447
 Ion Ratio Lower Upper
 330 100
 332 102.0 76.9 115.3
 141 268.8 22.8 34.2#



#45
 2-Fluorobiphenyl
 Concen: -13.845 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121439.D
 Acq: 25 Aug 2020 21:16

Tgt Ion:172 Resp: 14095
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.5 19.4 29.2

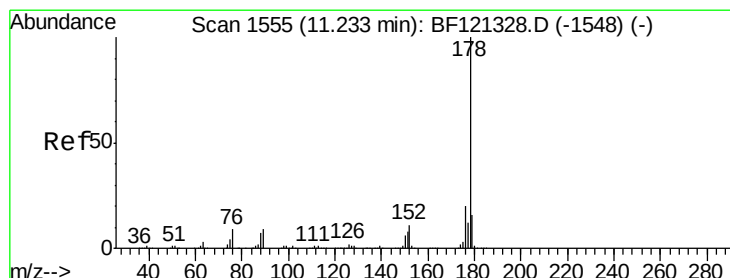
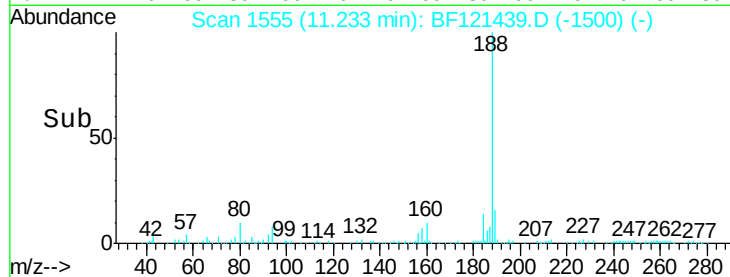
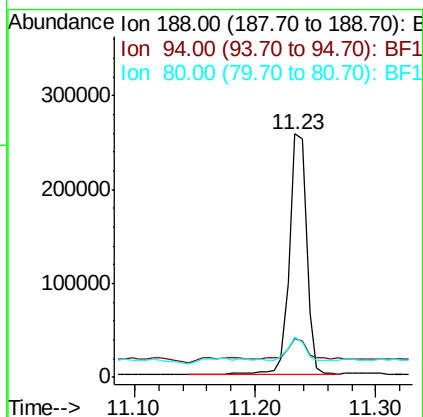
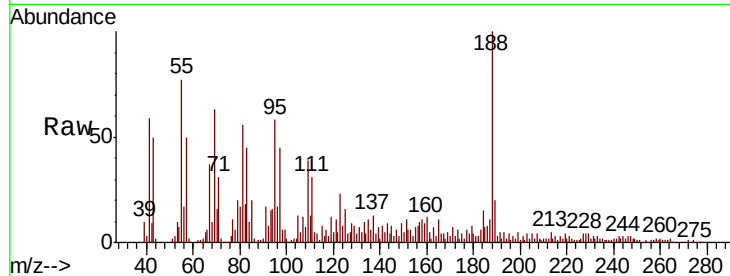




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

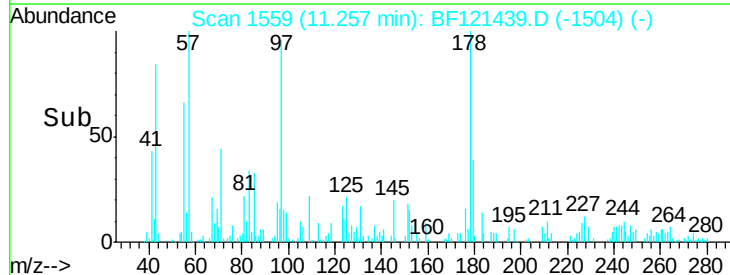
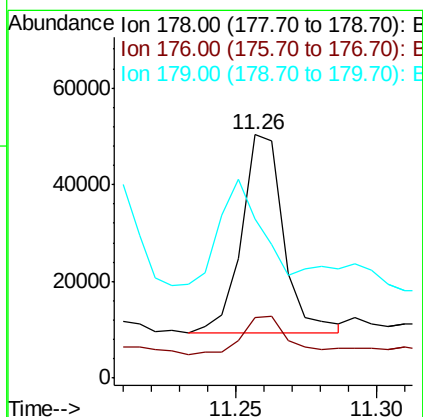
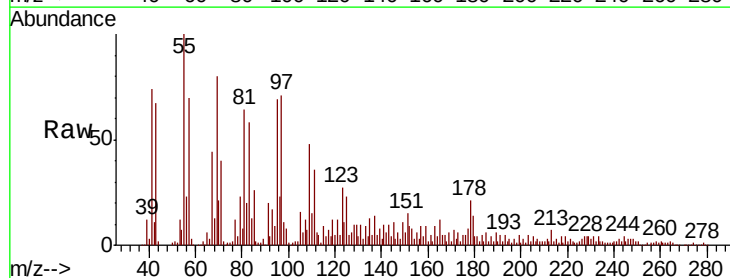
Instrument :
BNA_F
ClientSampleId :
20071

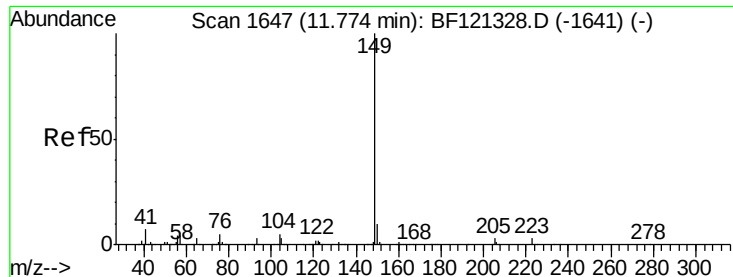
Tot Ion:188 Resp: 254007
Ion Ratio Lower Upper
188 100
94 15.9 7.2 10.8#
80 16.7 7.4 11.0#



#71
Phenanthrene
Concen: 3.256 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.02 min
Lab File: BF121439.D
Acq: 25 Aug 2020 21:16

Tgt Ion:178 Resp: 42804
Ion Ratio Lower Upper
178 100
176 25.1 16.0 24.0#
179 65.6 12.8 19.2#





#74

Di-n-butylphthalate

Concen: 2.032 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.02 min

Lab File: BF121439.D

Acq: 25 Aug 2020 21:16

Instrument :

BNA_F

ClientSampleId :

20071

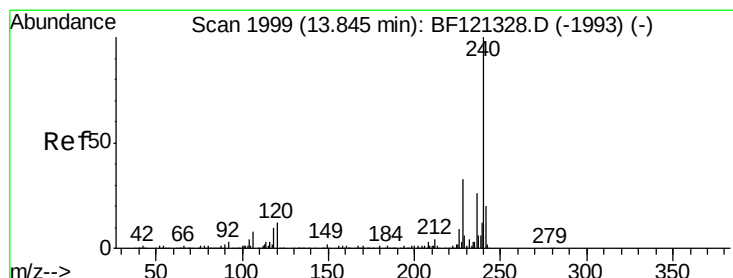
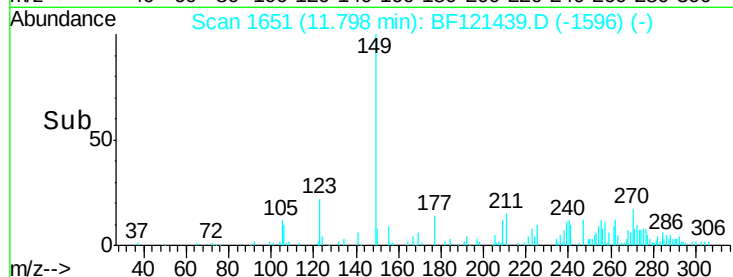
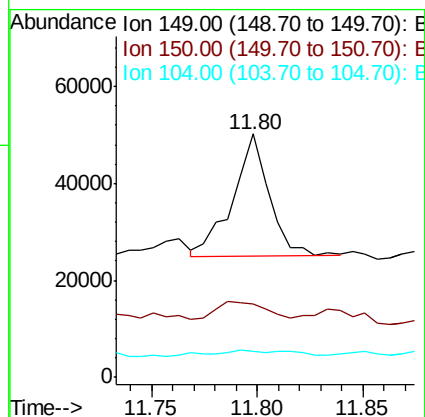
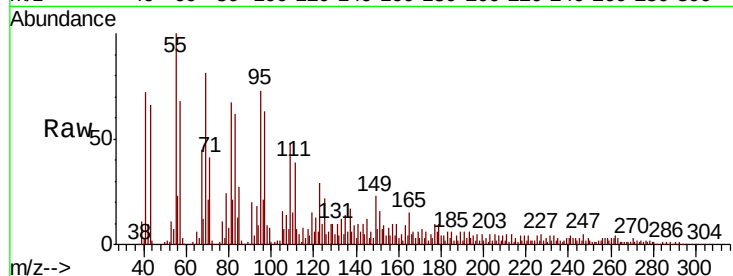
Tot Ion:149 Resp: 29603

Ion Ratio Lower Upper

149 100

150 30.0 7.7 11.5#

104 10.8 3.9 5.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF121439.D

Acq: 25 Aug 2020 21:16

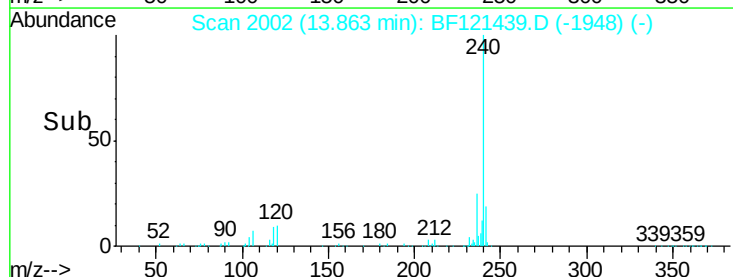
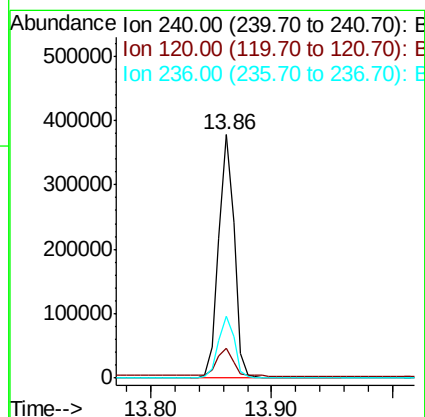
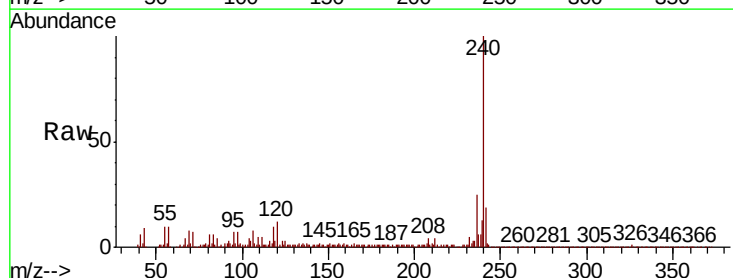
Tgt Ion:240 Resp: 329398

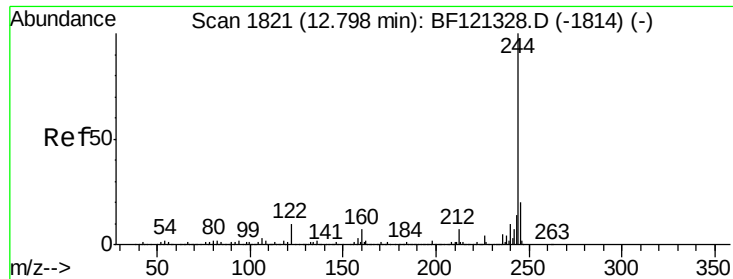
Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 0.698 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.02 min

Lab File: BF121439.D

Acq: 25 Aug 2020 21:16

Instrument :

BNA_F

ClientSampleId :

20071

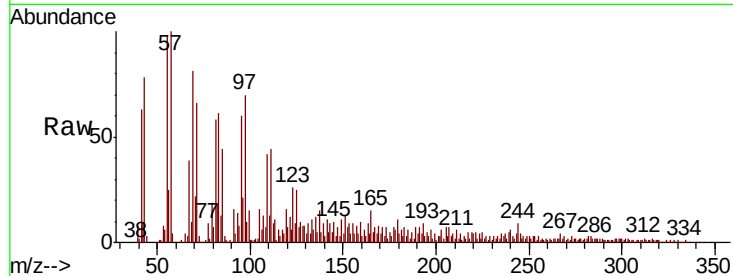
Tot Ion:244 Resp: 11771

Ion Ratio Lower Upper

244 100

212 23.9 5.4 8.0#

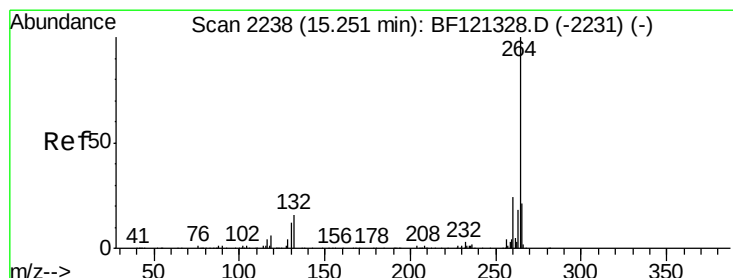
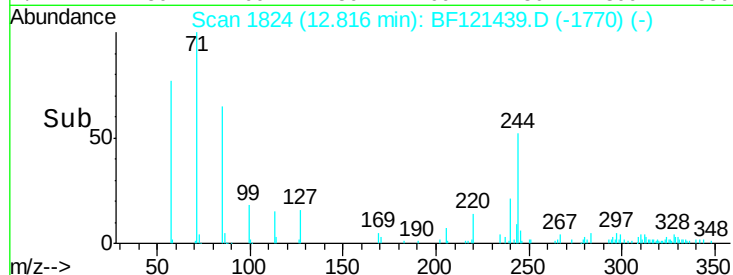
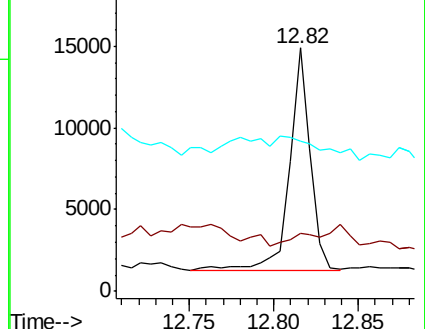
122 61.5 7.8 11.8#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF121439.D

Acq: 25 Aug 2020 21:16

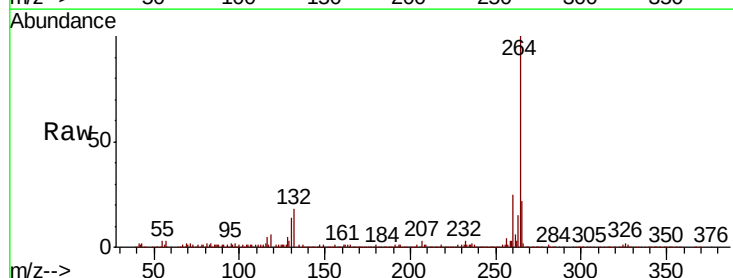
Tgt Ion:264 Resp: 345831

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.7 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

