

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084779.D
 Acq On : 3 Feb 2016 8:03
 Operator : SJ/IZ
 Sample : H1313-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-24-012916

Quant Time: Feb 03 09:47:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

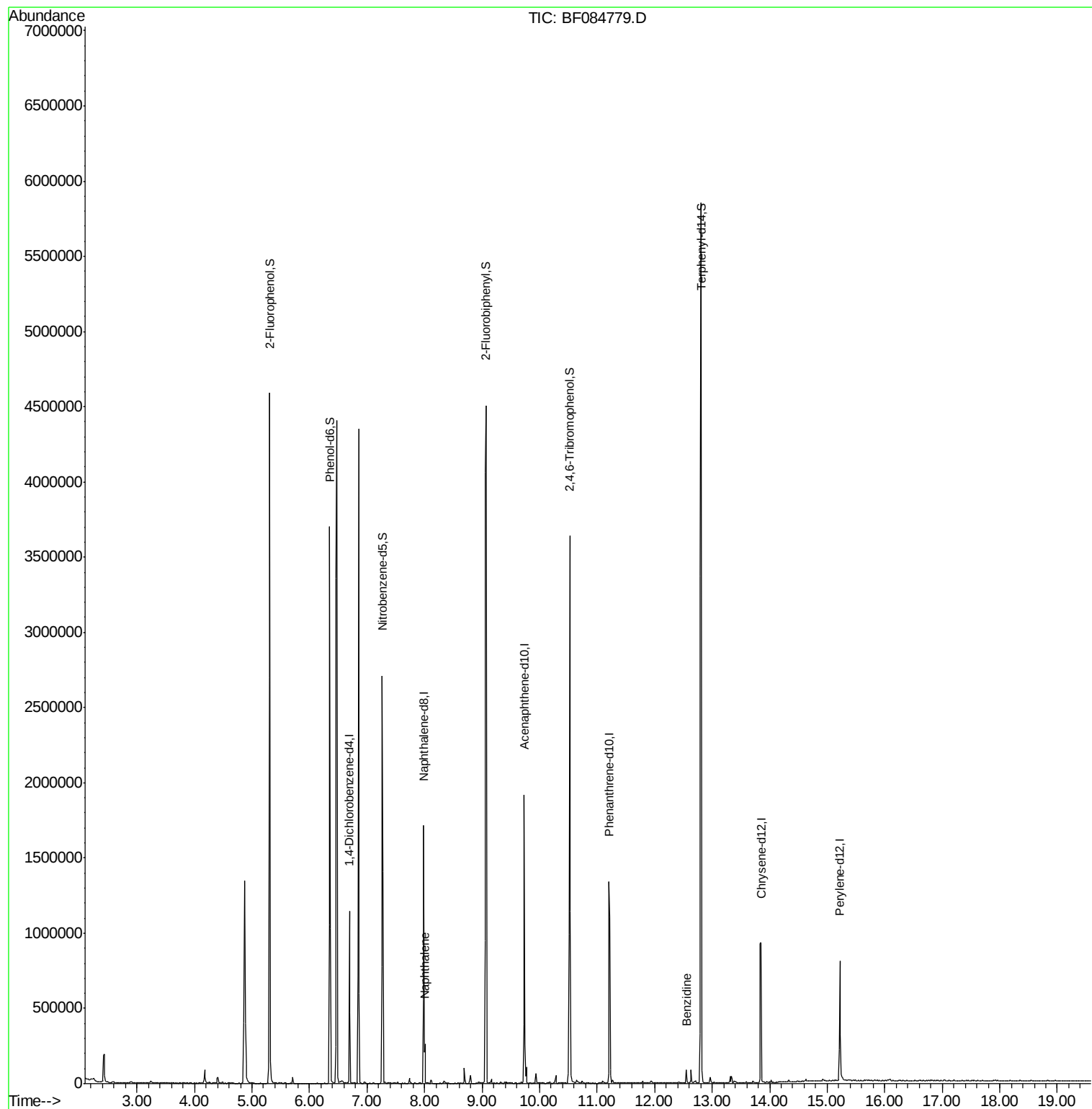
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	180617	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	798410	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	374784	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	693379	20.00	ng	-0.03
75) Chrysene-d12	13.85	240	493439	20.00	ng	-0.02
86) Perylene-d12	15.22	264	364033	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1451580	125.18	ng	0.00
7) Phenol-d6	6.35	99	1428943	99.40	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1135634	80.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	530501	135.70	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2209265	110.17	ng	-0.02
78) Terphenyl-d14	12.81	244	2118160	97.27	ng	-0.02
Target Compounds						
31) Naphthalene	8.01	128	146455	3.66	ng	Qvalue 97
76) Benzidine	12.56	184	53929	8.96	ng	# 93

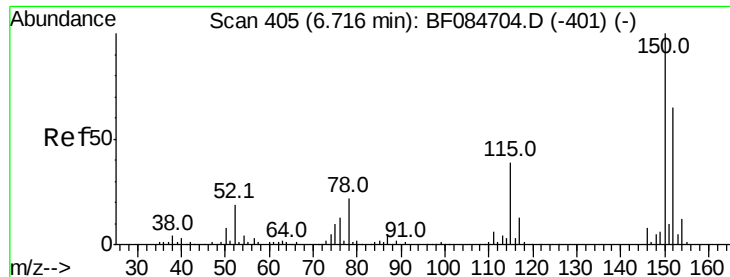
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084779.D

Acq: 3 Feb 2016 8:03

Instrument :

BNA_F

ClientSampleId :

HSR-WC-24-012916

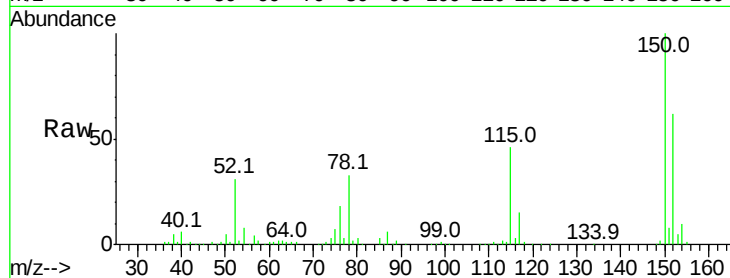
Tot Ion:152 Resp: 180617

Ion Ratio Lower Upper

152 100

150 160.9 123.0 184.4

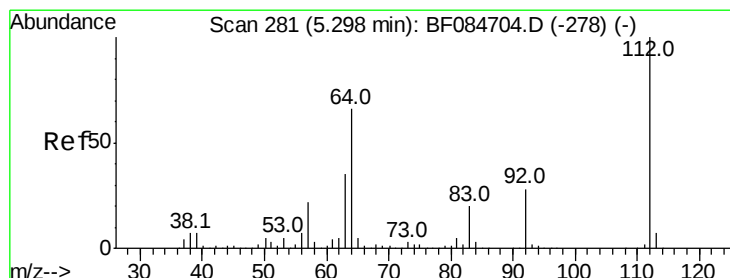
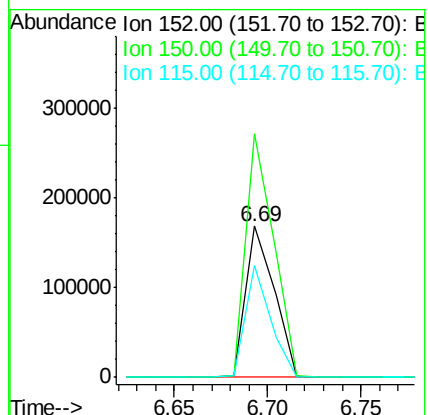
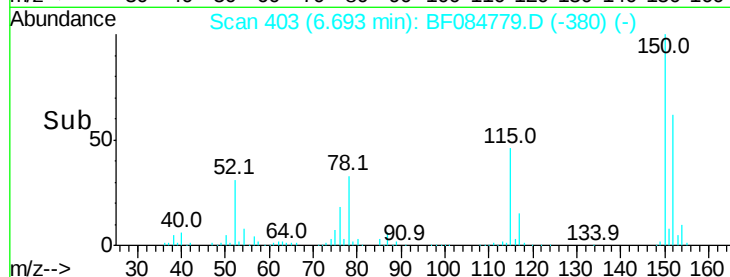
115 74.1 51.4 77.2



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: 125.18 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084779.D

Acq: 3 Feb 2016 8:03

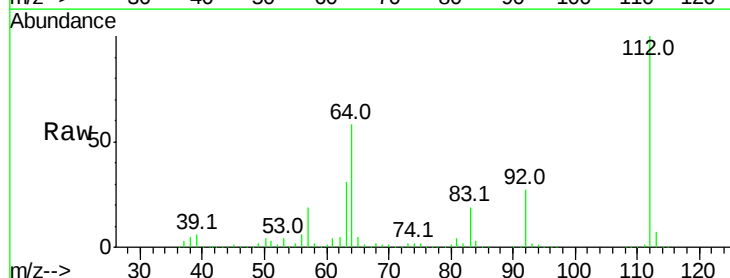
Tgt Ion:112 Resp: 1451580

Ion Ratio Lower Upper

112 100

64 58.5 36.6 55.0#

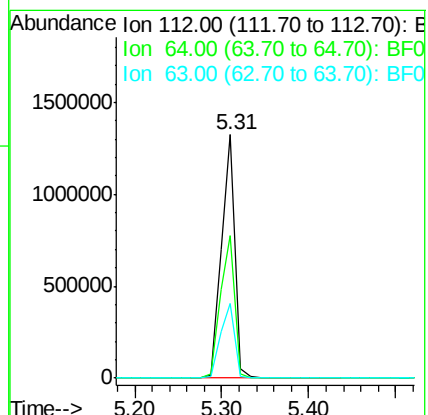
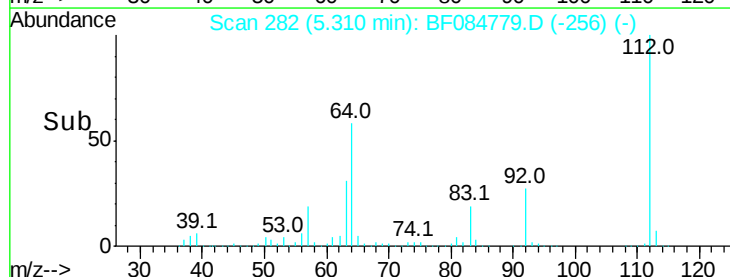
63 30.8 19.4 29.0#

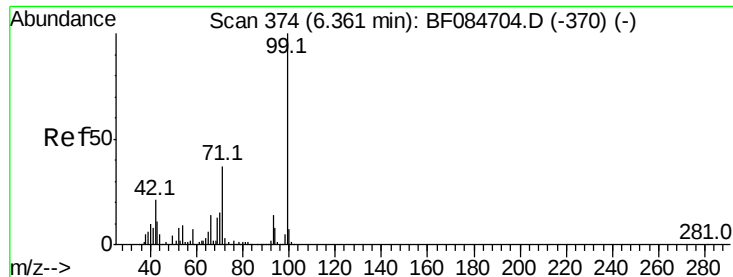


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.40 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084779.D

Acq: 3 Feb 2016 8:03

Instrument :

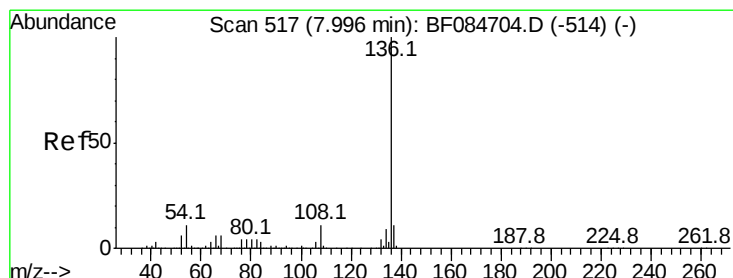
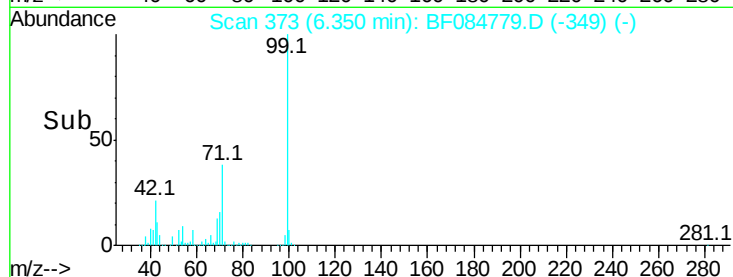
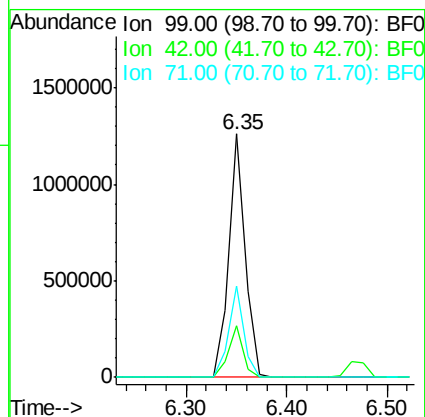
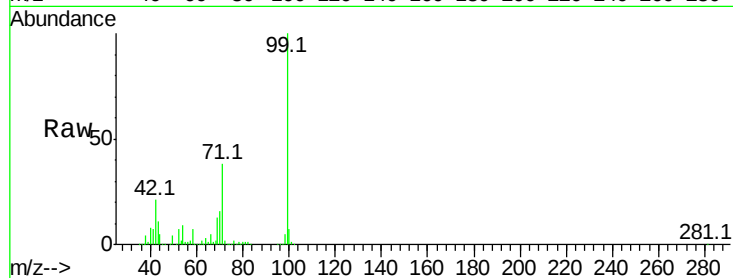
BNA_F

ClientSampleId :

HSR-WC-24-012916

Tot Ion: 99 Resp: 1428943

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	37.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

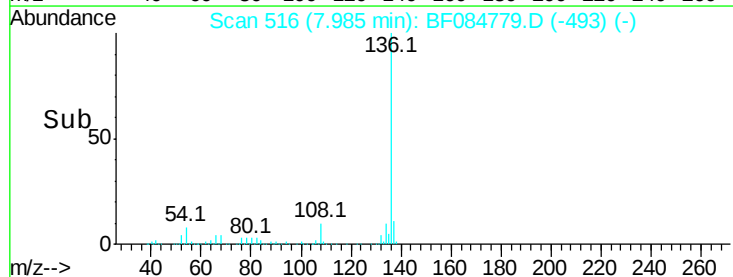
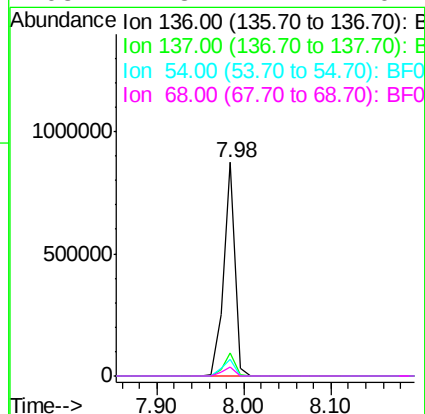
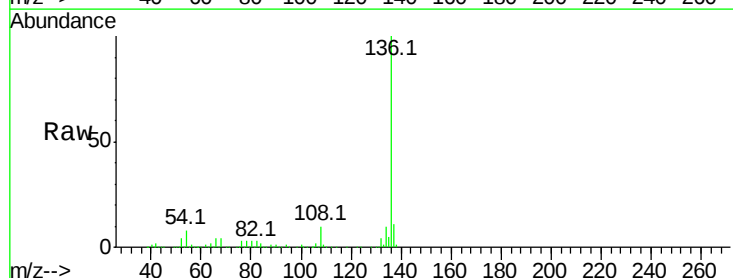
Delta R.T. -0.03 min

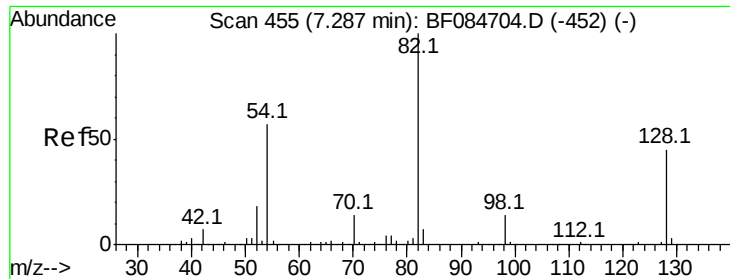
Lab File: BF084779.D

Acq: 3 Feb 2016 8:03

Tgt Ion: 136 Resp: 798410

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.6	5.8	8.8
68	4.3	4.2	6.2

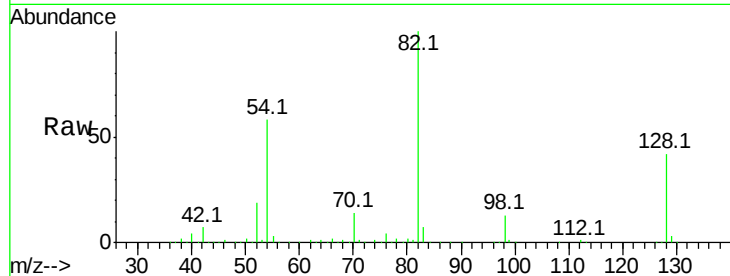




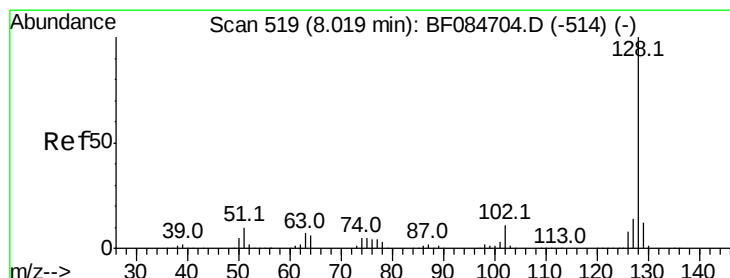
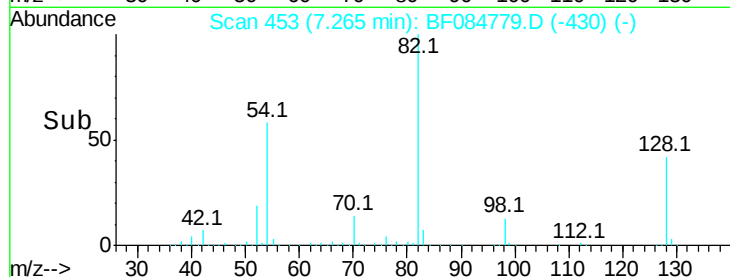
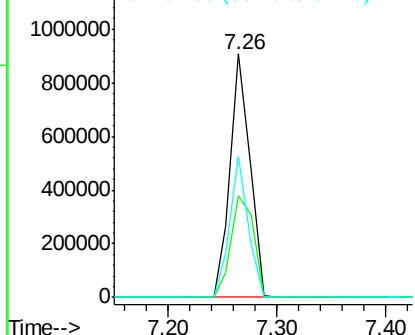
#23
 Nitrobenzene-d5
 Concen: 80.13 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084779.D
 Acq: 3 Feb 2016 8:03

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-24-012916

Tot Ion: 82 Resp: 1135634
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 51.8
 54 57.9 38.4 57.6#

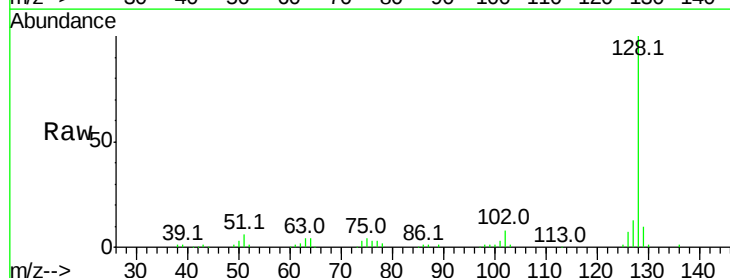


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

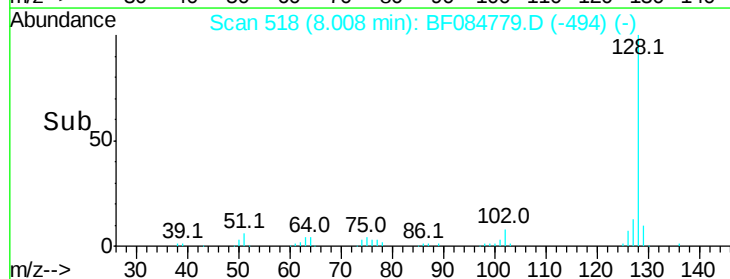
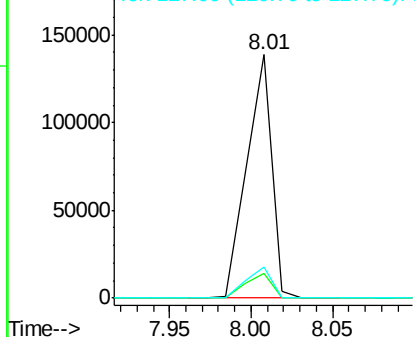


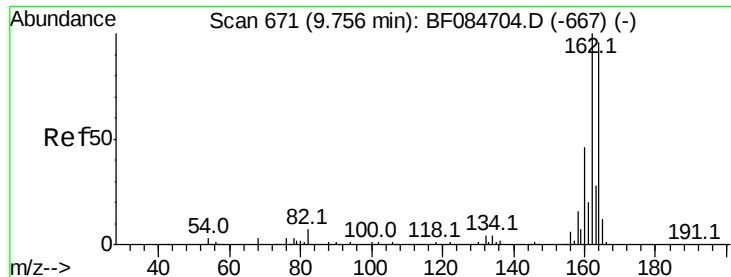
#31
 Naphthalene
 Concen: 3.66 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF084779.D
 Acq: 3 Feb 2016 8:03

Tgt Ion: 128 Resp: 146455
 Ion Ratio Lower Upper
 128 100
 129 10.3 9.1 13.7
 127 13.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

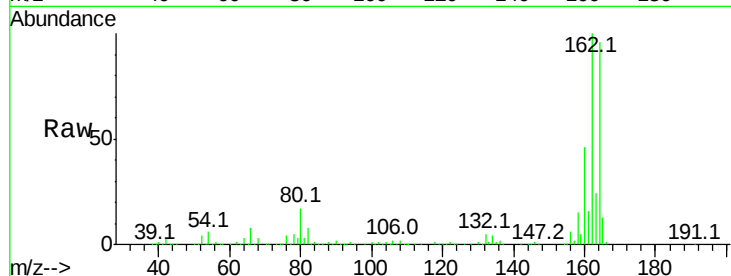




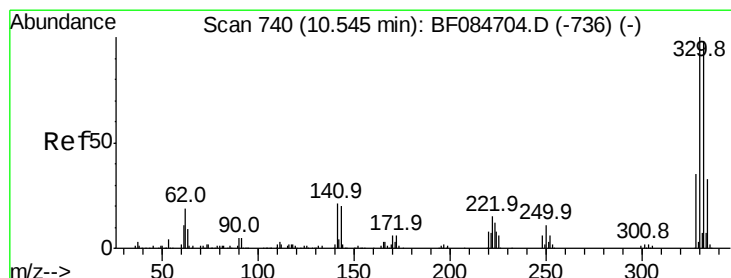
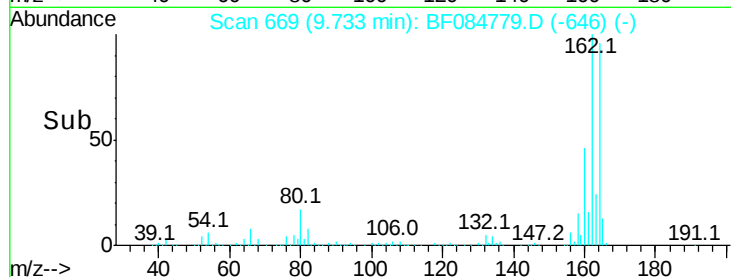
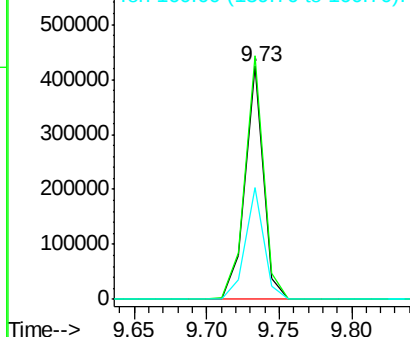
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084779.D
Acq: 3 Feb 2016 8:03

Instrument :
BNA_F
ClientSampleId :
HSR-WC-24-012916

Tot Ion:164 Resp: 374784
Ion Ratio Lower Upper
164 100
162 104.4 85.1 127.7
160 47.8 37.5 56.3

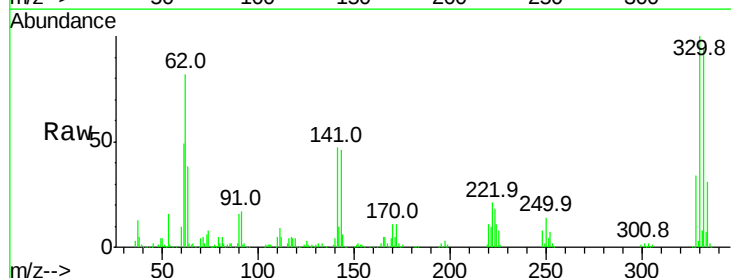


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

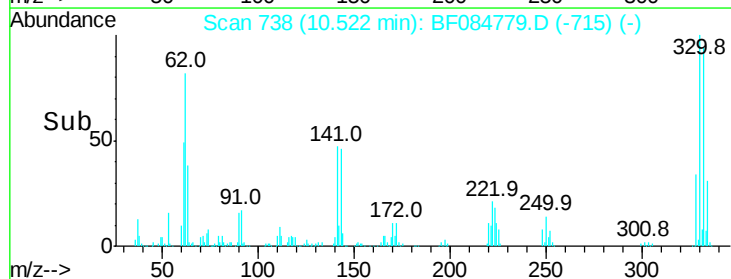
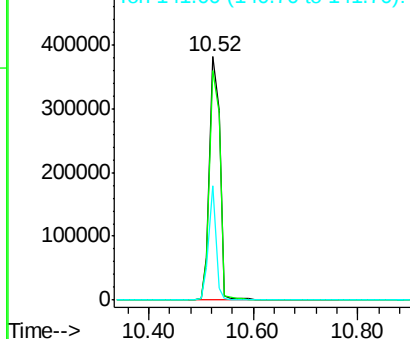


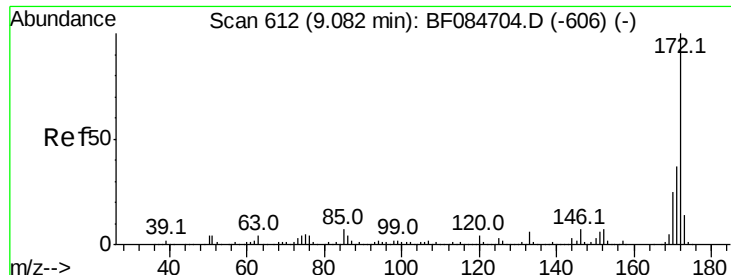
#41
2,4,6-Tribromophenol
Concen: 135.70 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF084779.D
Acq: 3 Feb 2016 8:03

Tgt Ion:330 Resp: 530501
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 33.3 27.8 41.6



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

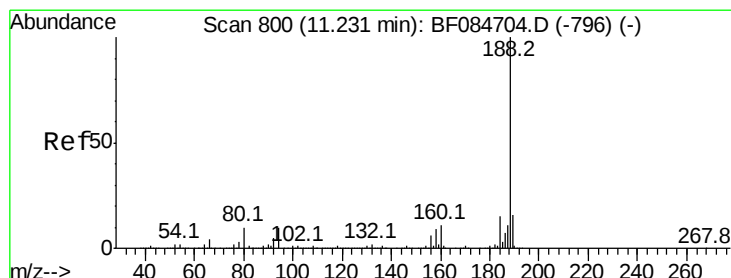
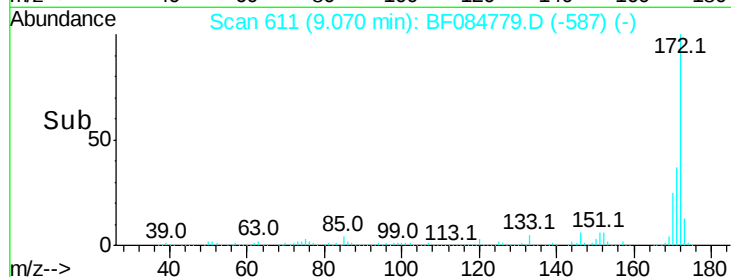
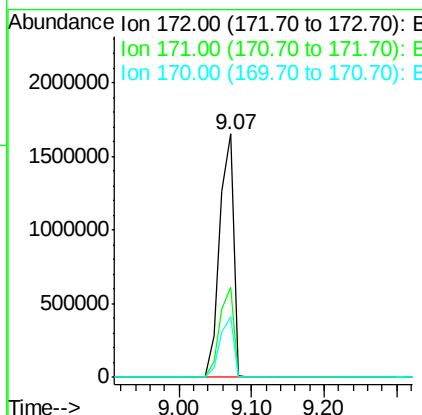
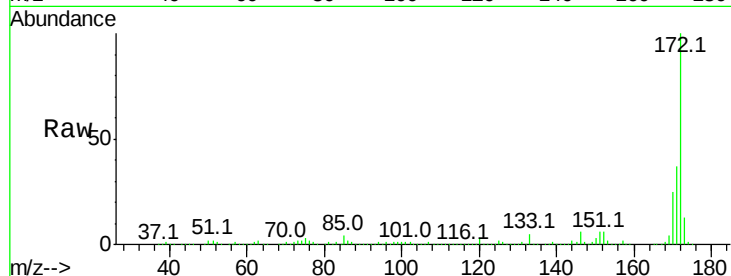




#44
2-Fluorobiphenyl
Concen: 110.17 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF084779.D
Acq: 3 Feb 2016 8:03

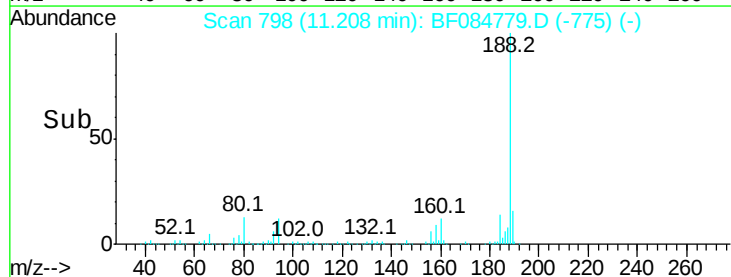
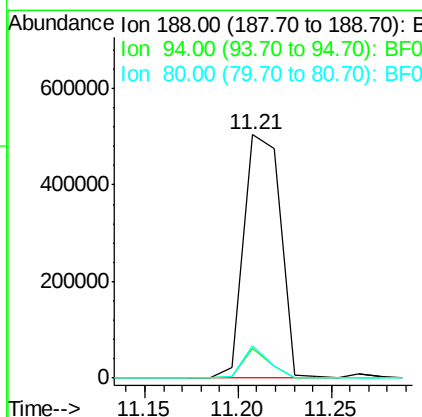
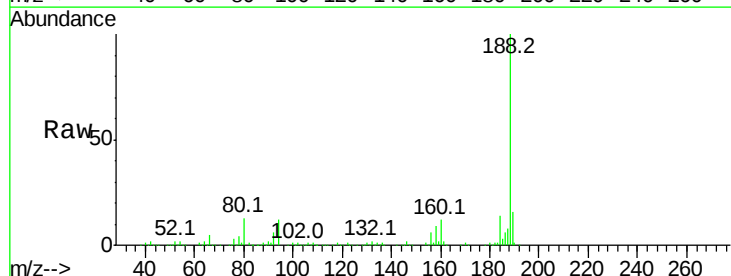
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HSR-WC-24-012916

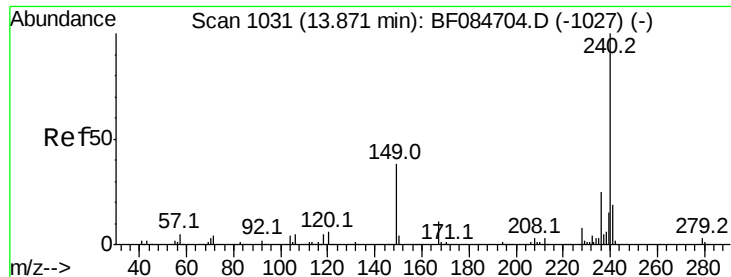
Tot Ion:172 Resp: 2209265
Ion Ratio Lower Upper
172 100
171 37.1 28.9 43.3
170 25.0 18.6 27.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF084779.D
Acq: 3 Feb 2016 8:03

Tgt Ion:188 Resp: 693379
Ion Ratio Lower Upper
188 100
94 12.4 9.0 13.4
80 13.2 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084779.D

Acq: 3 Feb 2016 8:03

Instrument :

BNA_F

ClientSampleId :

HSR-WC-24-012916

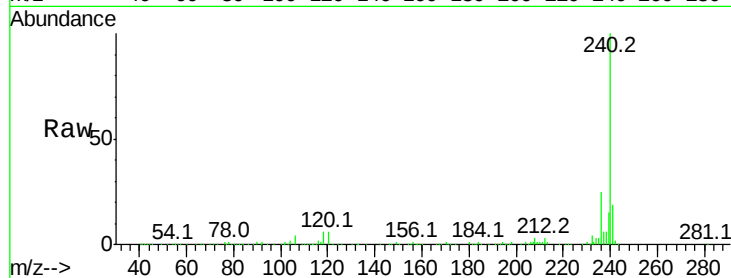
Tot Ion:240 Resp: 493439

Ion Ratio Lower Upper

240 100

120 6.3 9.5 14.3#

236 25.3 20.6 31.0



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

13.85

400000

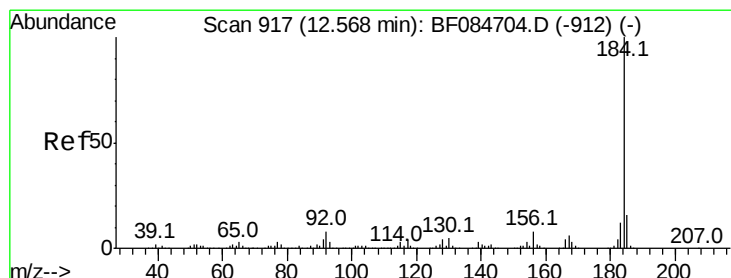
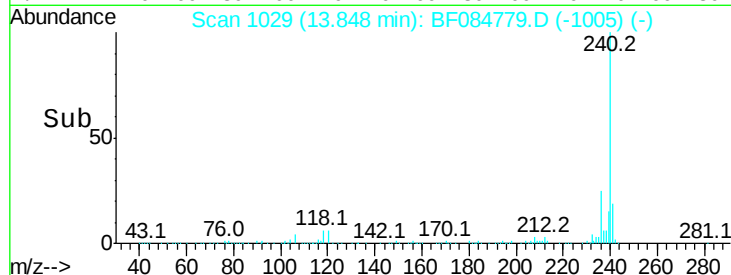
300000

200000

100000

0

Time-->



#76

Benzidine

Concen: 8.96 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084779.D

Acq: 3 Feb 2016 8:03

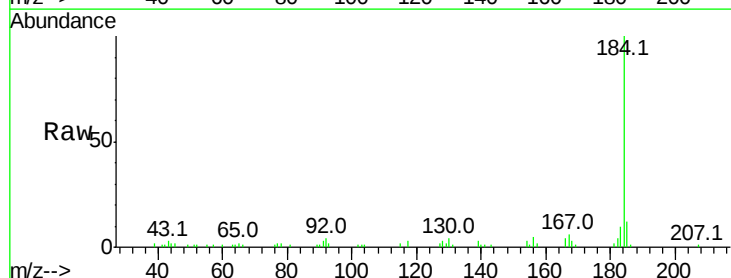
Tgt Ion:184 Resp: 53929

Ion Ratio Lower Upper

184 100

185 12.1 12.2 18.2#

183 9.7 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.56

40000

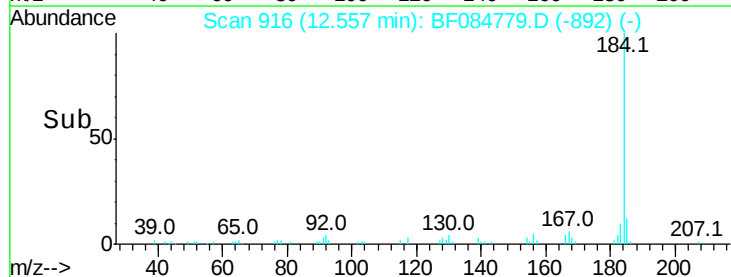
30000

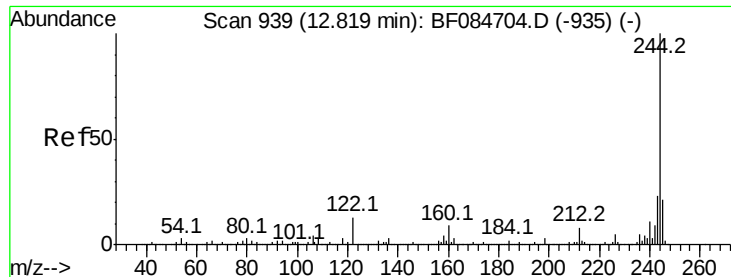
20000

10000

0

Time-->





#78

Terphenyl-d14

Concen: 97.27 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084779.D

Acq: 3 Feb 2016 8:03

Instrument :

BNA_F

ClientSampleId :

HSR-WC-24-012916

Tot Ion:244 Resp: 2118160

Ion Ratio Lower Upper

244 100

212 7.6

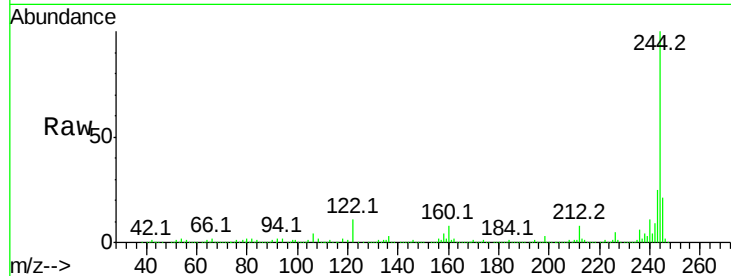
5.7

8.5

122 11.3

7.4

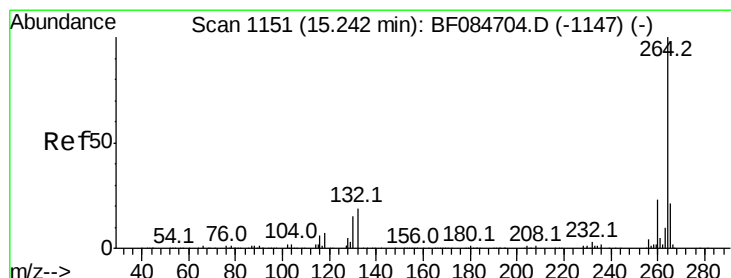
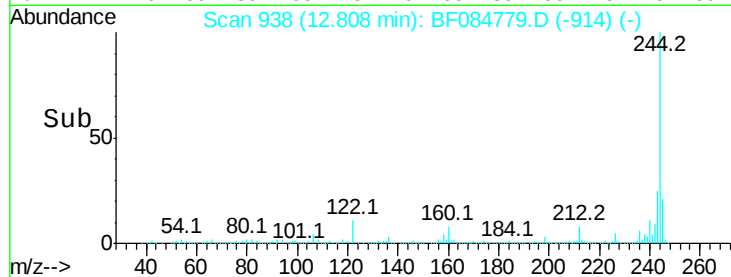
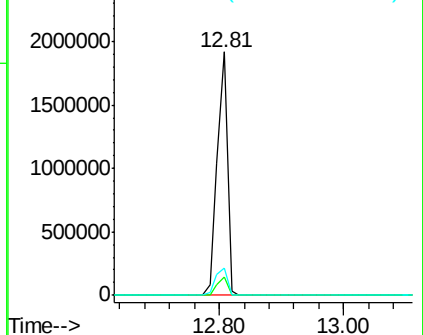
11.0#



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: 20.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF084779.D

Acq: 3 Feb 2016 8:03

Tgt Ion:264 Resp: 364033

Ion Ratio Lower Upper

264 100

260 23.5

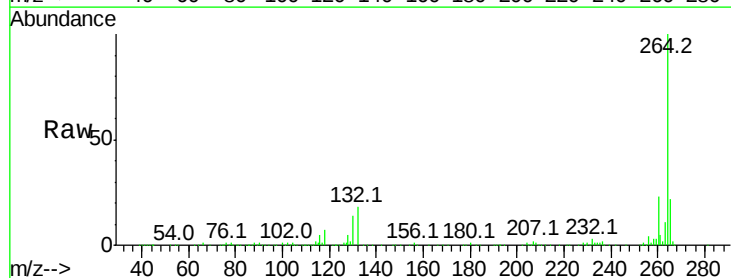
19.4

29.2

265 21.6

17.8

26.6



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

