

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092958.D
 Acq On : 15 Feb 2017 18:36
 Operator : SJ/MA
 Sample : I1794-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22A-9-11

Quant Time: Feb 16 01:16:56 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

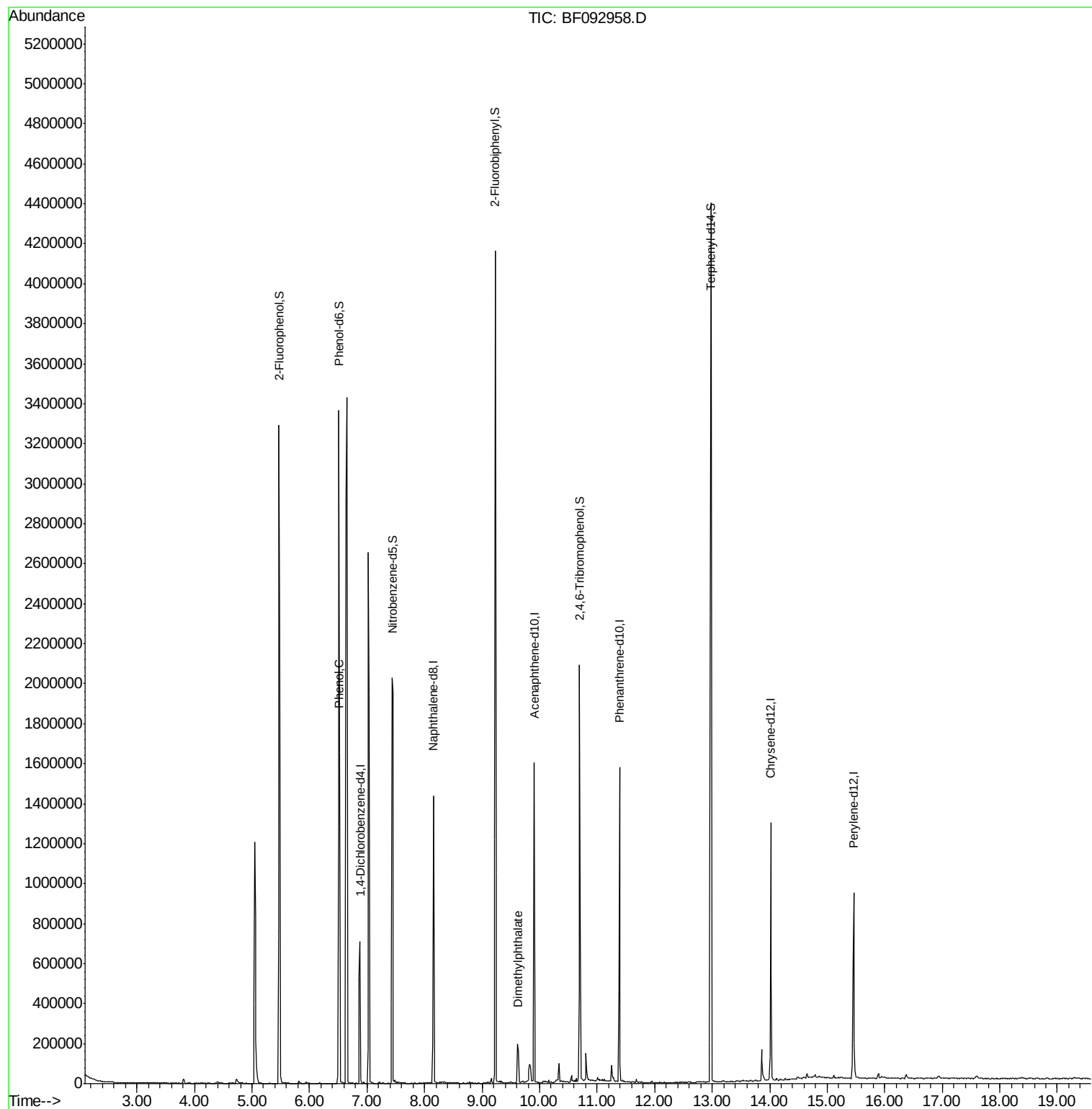
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	145291	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	598764	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	322669	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	583548	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	481119	20.00	ng	-0.03
86) Perylene-d12	15.46	264	438948	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1286500	151.91	ng	-0.01
7) Phenol-d6	6.51	99	1562420	143.39	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1034823	96.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	287289	123.10	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1530889	85.95	ng	-0.01
78) Terphenyl-d14	12.98	244	1564880	76.42	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	30972	2.43	ng	Qvalue # 72
49) Dimethylphthalate	9.63	163	114965	5.29	ng	98

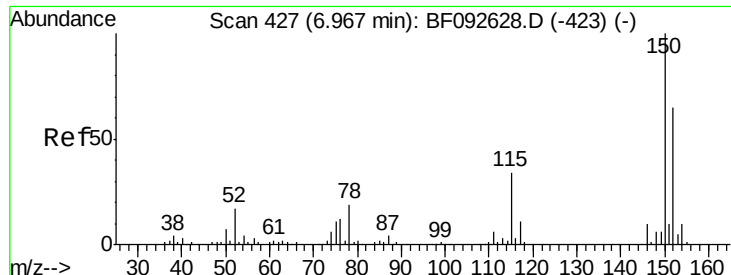
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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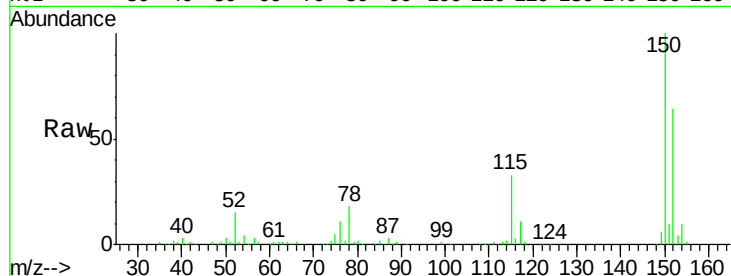


#1

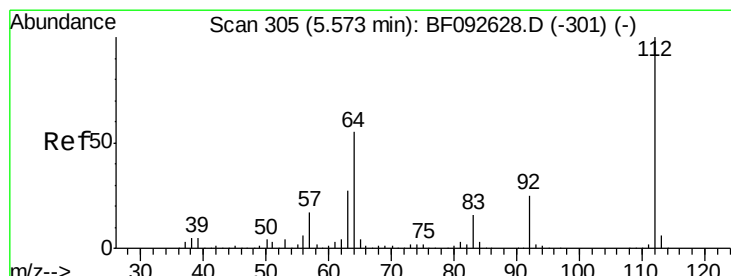
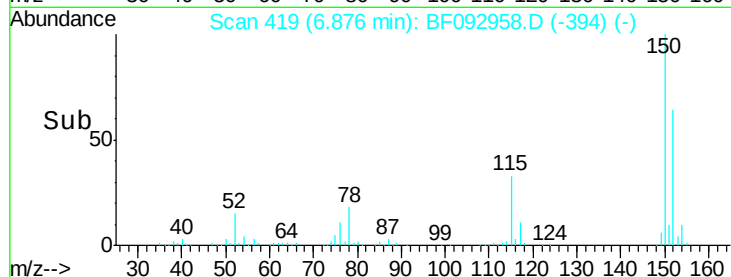
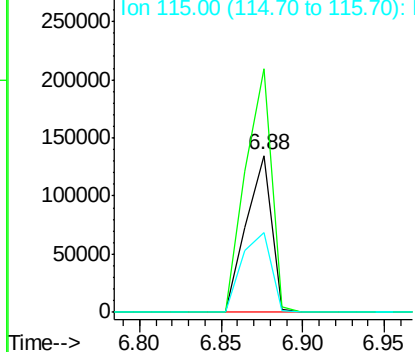
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Instrument :
BNA_F
ClientSampleId :
22A-9-11

Tgt Ion:152 Resp: 145291
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 50.6 46.0 69.0



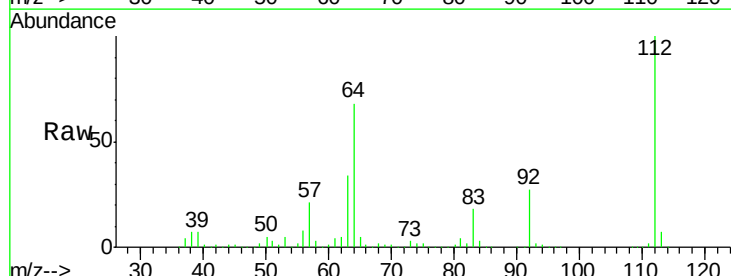
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



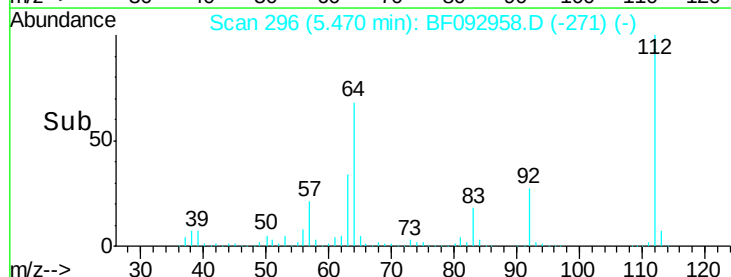
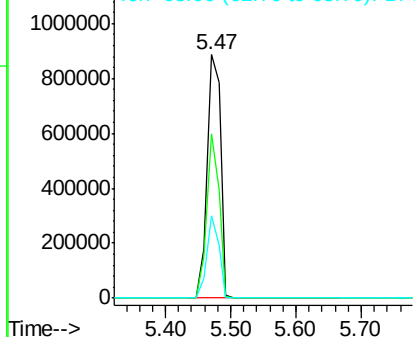
#5

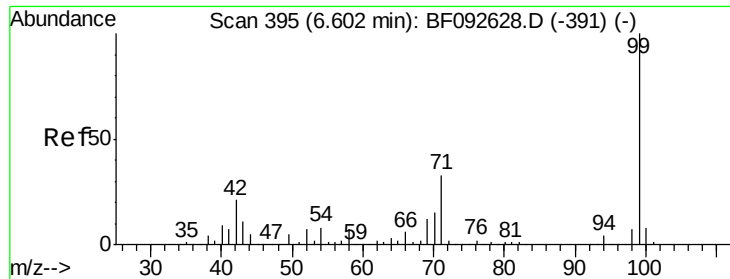
2-Fluorophenol
Concen: 151.91 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Tgt Ion:112 Resp: 1286500
Ion Ratio Lower Upper
112 100
64 67.6 46.1 69.1
63 34.0 23.8 35.6



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: 143.39 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092958.D

Acq: 15 Feb 2017 18:36

Instrument :

BNA_F

ClientSampleId :

22A-9-11

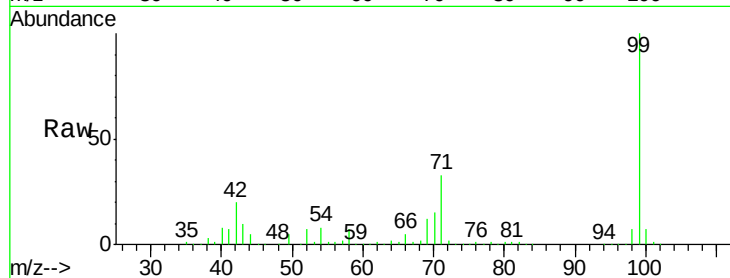
Tgt Ion: 99 Resp: 1562420

Ion Ratio Lower Upper

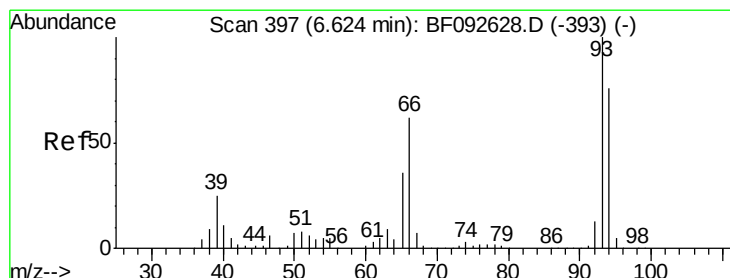
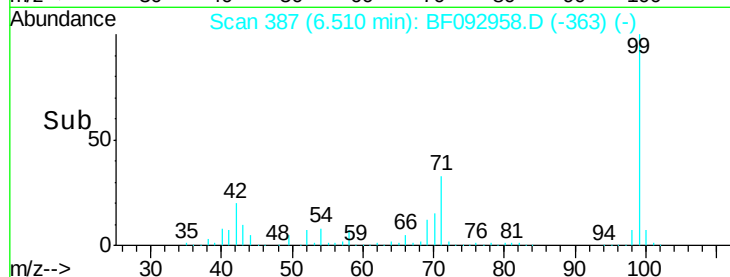
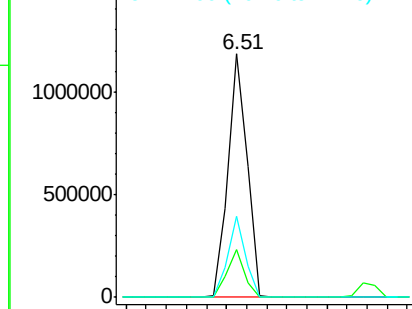
99 100

42 19.9 15.6 23.4

71 33.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.43 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092958.D

Acq: 15 Feb 2017 18:36

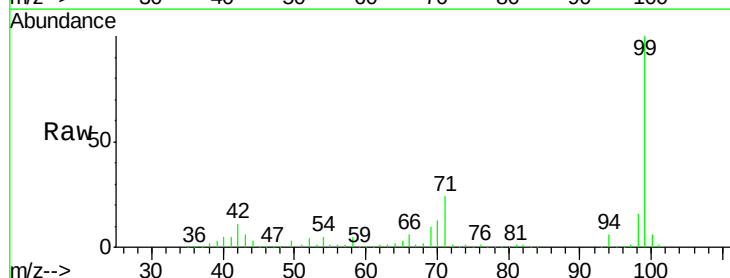
Tgt Ion: 94 Resp: 30972

Ion Ratio Lower Upper

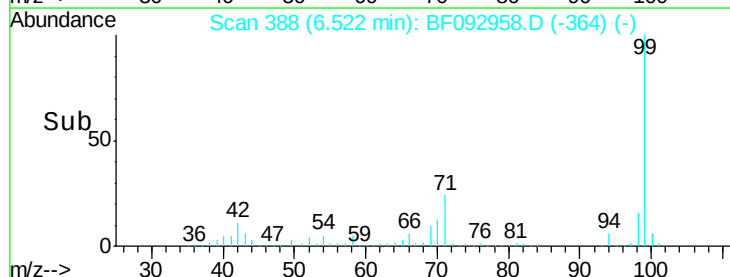
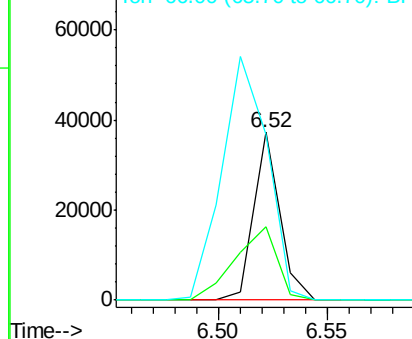
94 100

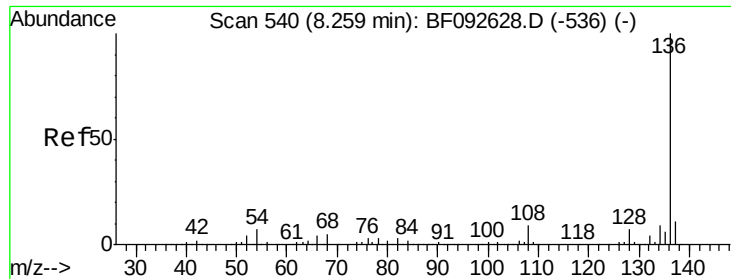
65 43.7 21.4 61.4

66 98.5 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

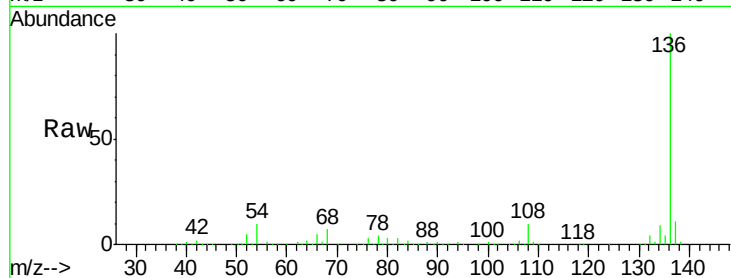




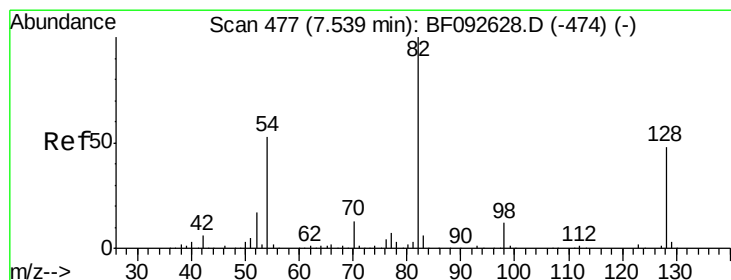
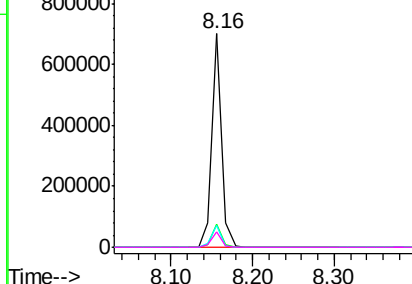
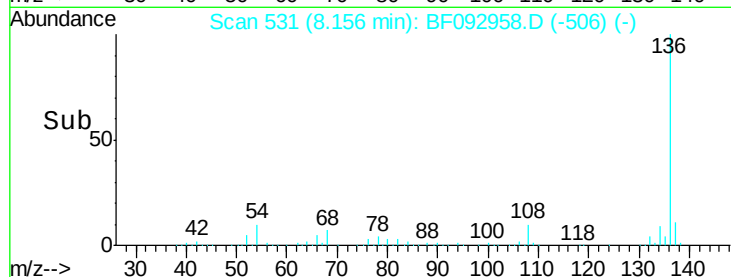
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Instrument :
BNA_F
ClientSampleId :
22A-9-11

Tgt Ion:	136	Resp:	598764
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.4	4.5	6.7#
68	7.0	3.6	5.4#

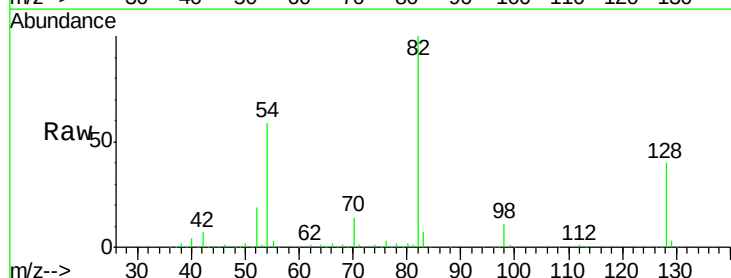


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

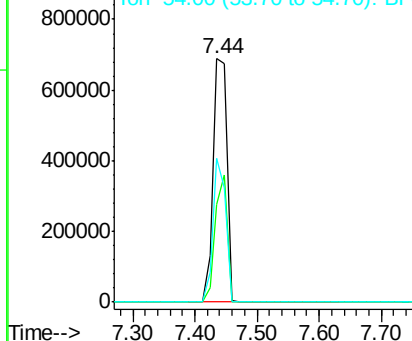
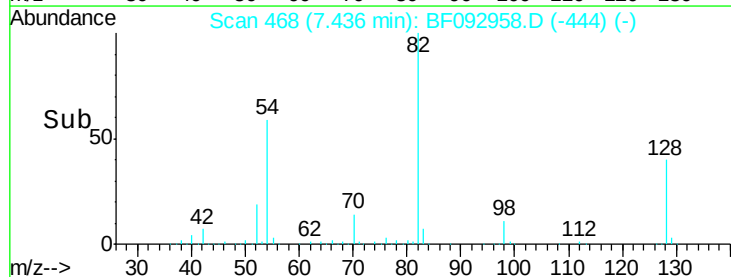


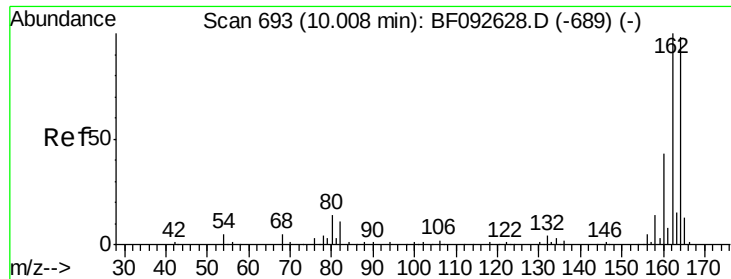
#23
Nitrobenzene-d5
Concen: 96.24 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Tgt Ion:	82	Resp:	1034823
Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.6	52.0
54	59.2	39.5	59.3



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

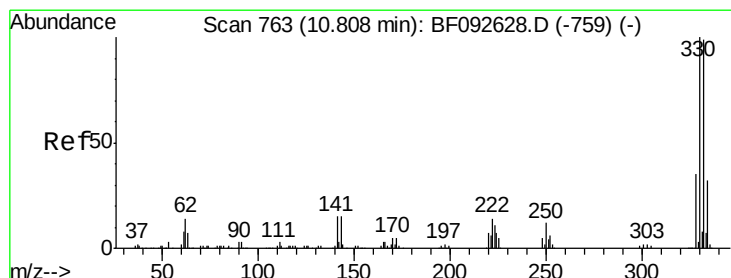
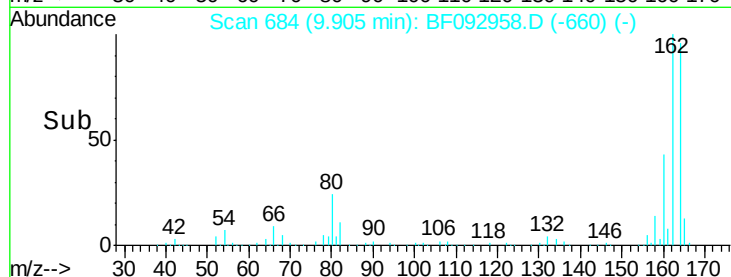
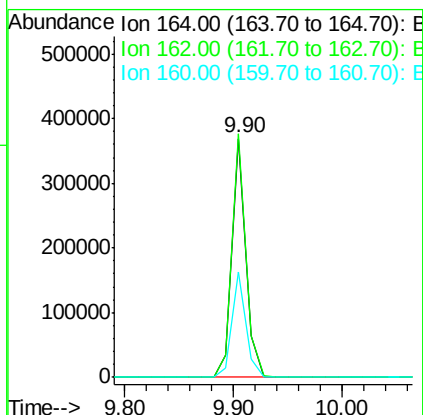
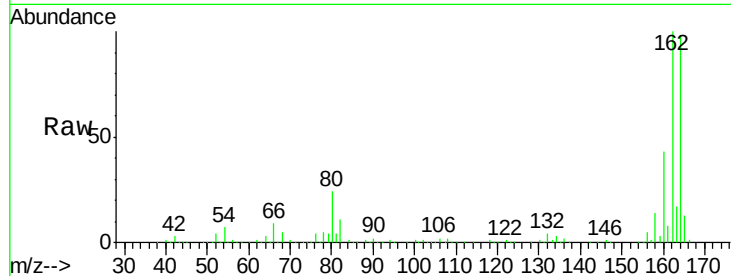




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

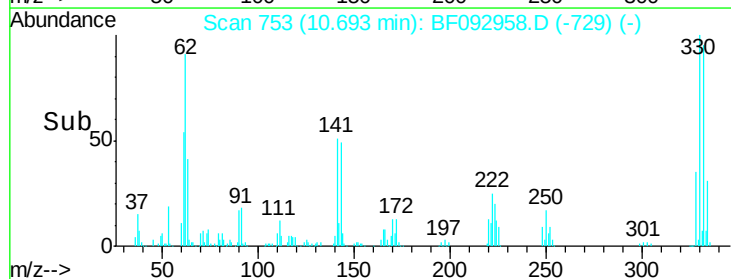
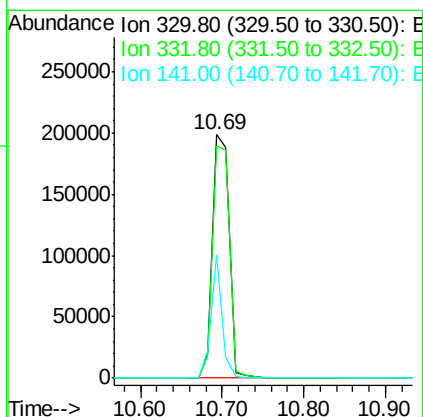
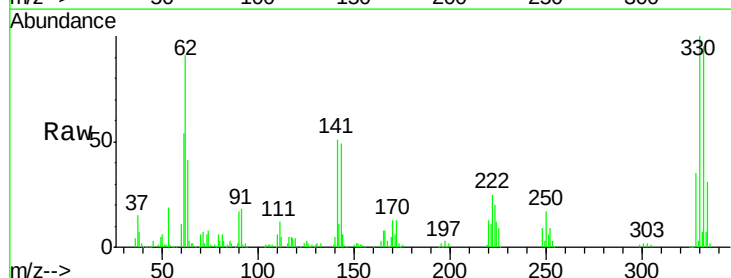
Instrument :
 BNA_F
 ClientSampleId :
 22A-9-11

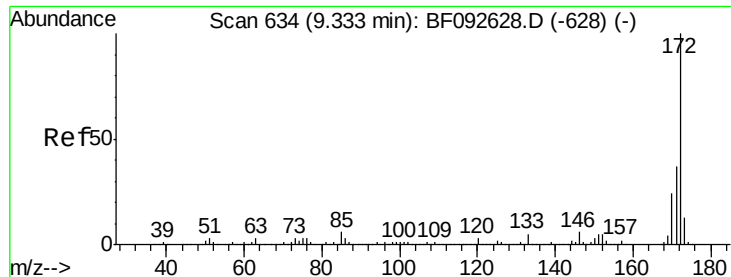
Tgt Ion:164 Resp: 322669
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 44.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 123.10 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

Tgt Ion:330 Resp: 287289
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 34.4 34.1 51.1

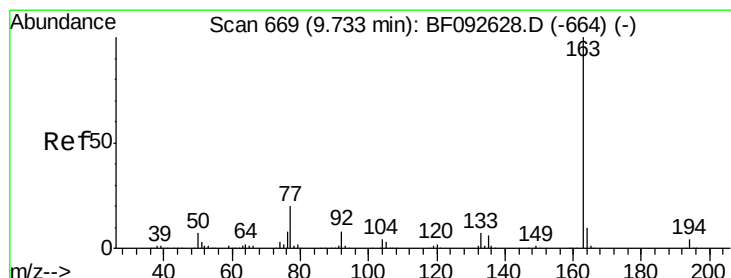
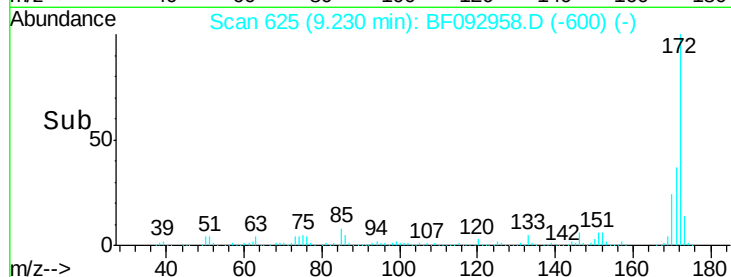
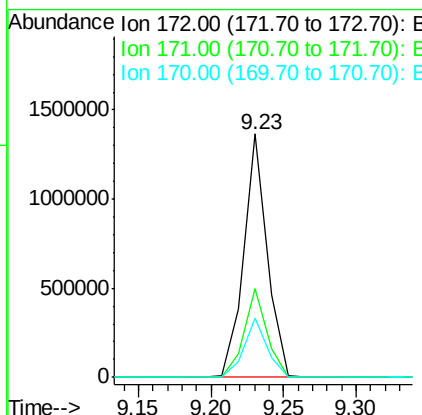
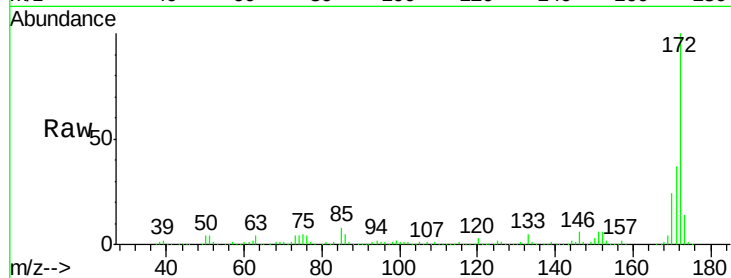




#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

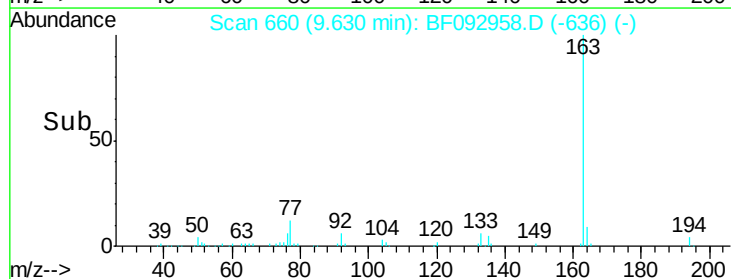
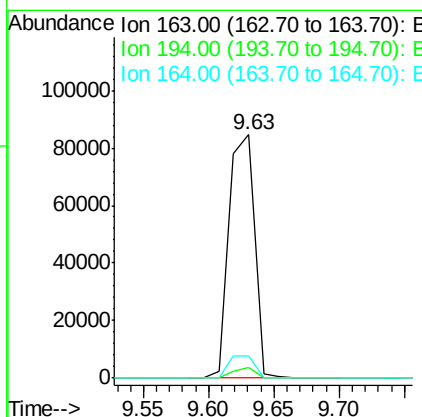
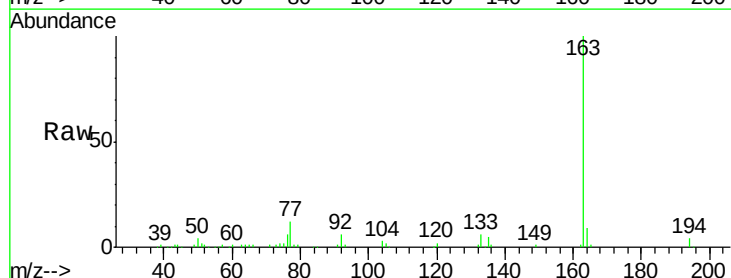
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 22A-9-11

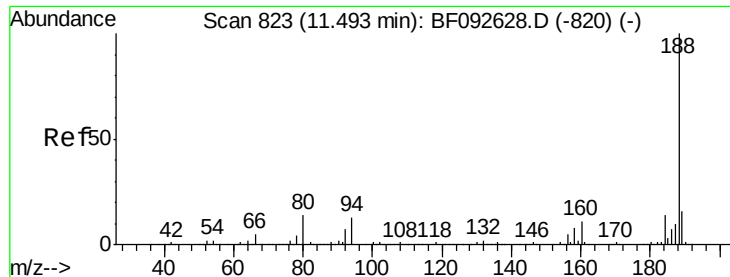
Tgt Ion:172 Resp: 1530889
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.4 20.2 30.4



#49
 Dimethylphthalate
 Concen: 5.29 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

Tgt Ion:163 Resp: 114965
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.0 4.4
 164 9.1 8.0 12.0

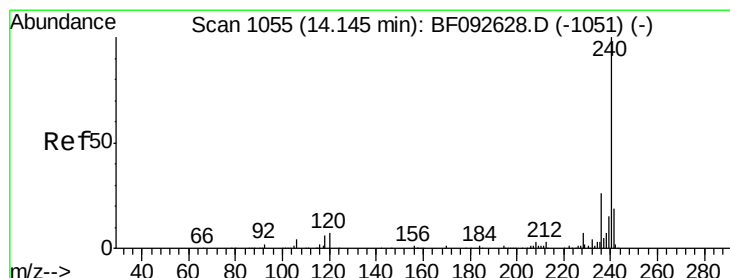
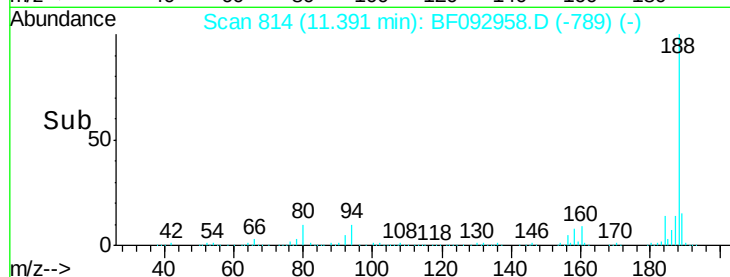
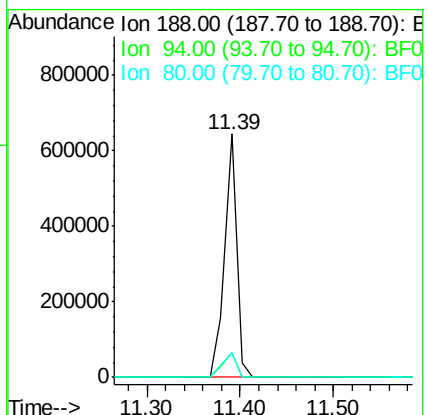
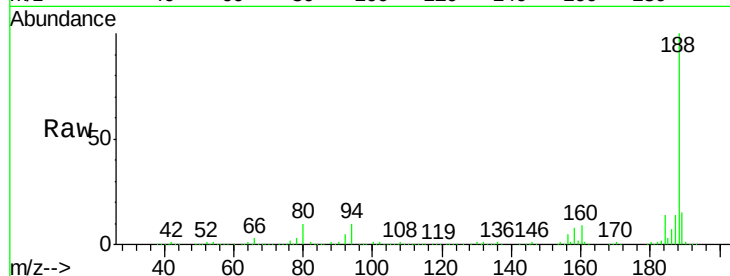




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

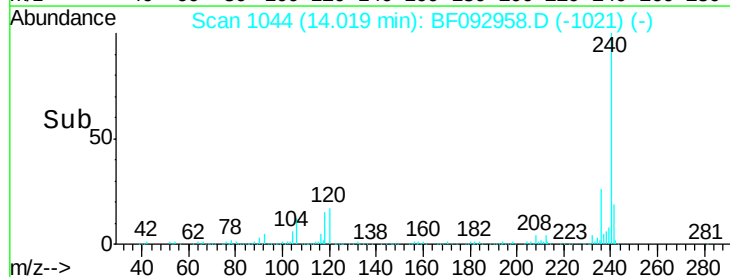
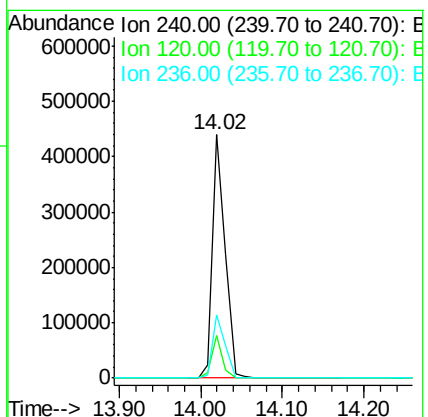
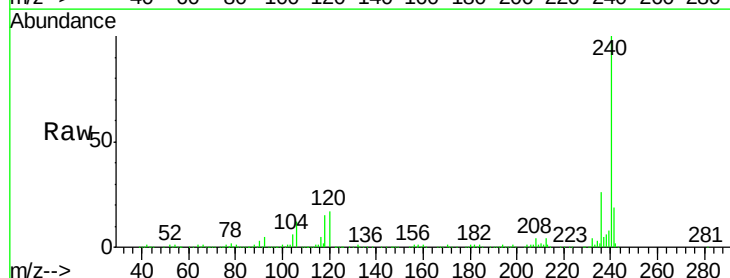
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22A-9-11

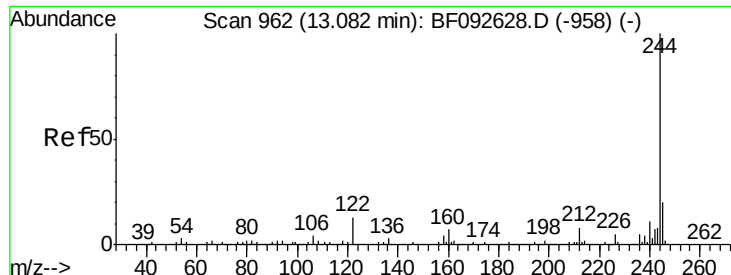
Tgt Ion:188 Resp: 583548
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 10.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Tgt Ion:240 Resp: 481119
Ion Ratio Lower Upper
240 100
120 17.4 12.9 19.3
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 76.42 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092958.D

Acq: 15 Feb 2017 18:36

Instrument :

BNA_F

ClientSampleId :

22A-9-11

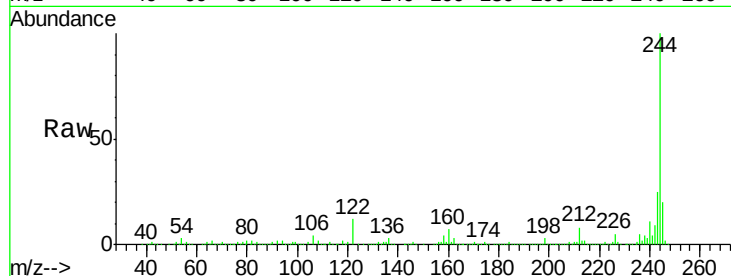
Tgt Ion:244 Resp: 1564880

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

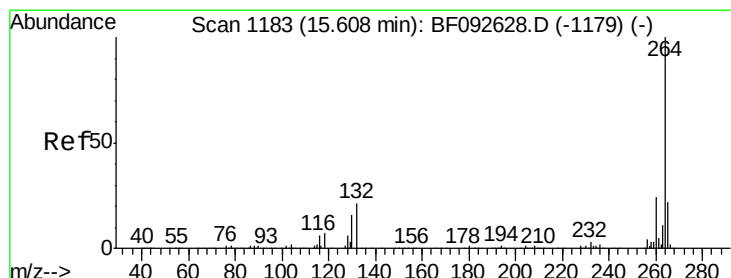
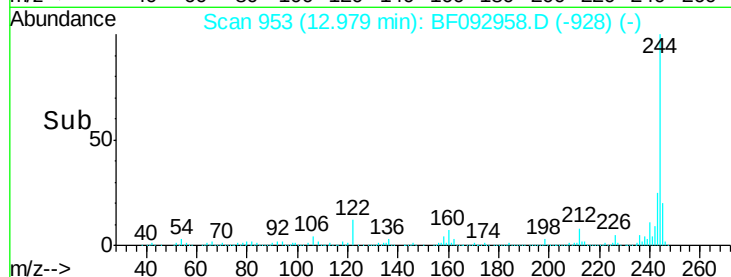
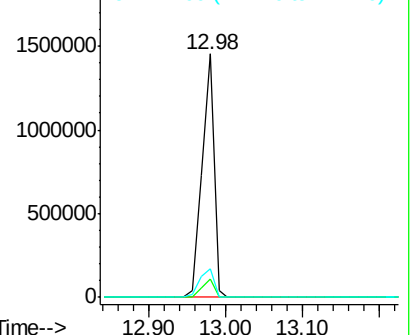
122 11.5 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092958.D

Acq: 15 Feb 2017 18:36

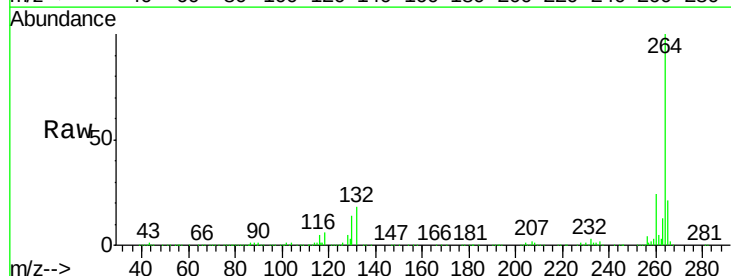
Tgt Ion:264 Resp: 438948

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 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

