

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087329.D
 Acq On : 24 May 2016 7:52
 Operator : UM/SJ
 Sample : H3168-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: May 24 18:53:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

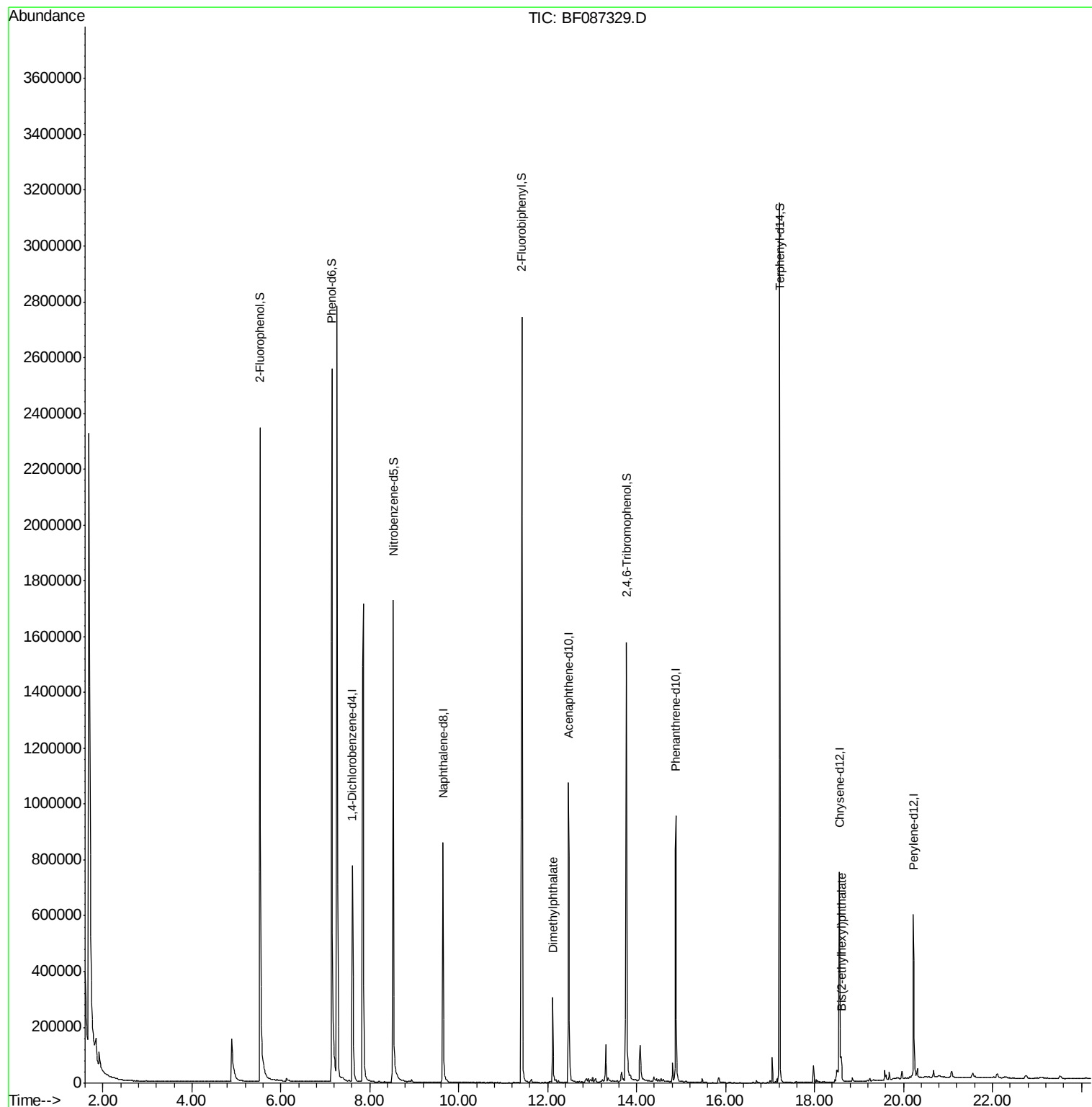
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	151958	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	644386	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	313569	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	574228	20.00	ng	0.00
75) Chrysene-d12	18.56	240	435819	20.00	ng	0.00
86) Perylene-d12	20.22	264	313482	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	857622	99.17	ng	0.01
7) Phenol-d6	7.15	99	1133007	96.96	ng	-0.01
23) Nitrobenzene-d5	8.52	82	794219	62.12	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	278829	92.53	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1332005	59.89	ng	-0.01
78) Terphenyl-d14	17.21	244	1149473	56.07	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.11	163	164484	6.55	ng	99
83) Bis(2-ethylhexyl)phthalate	18.61	149	42343	2.09	ng	# 98

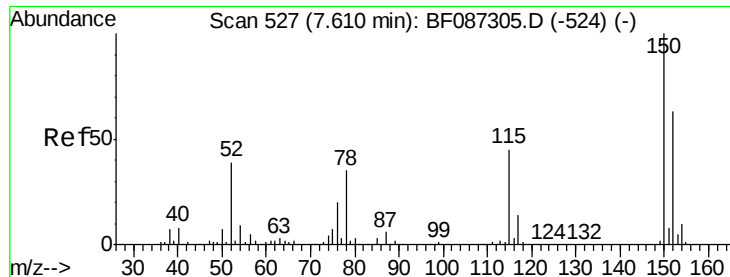
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087329.D

Acq: 24 May 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

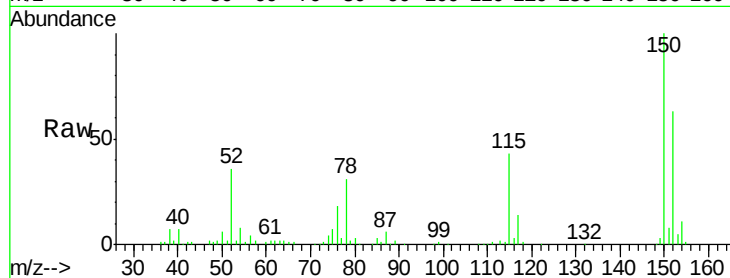
Tgt Ion:152 Resp: 151958

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.6

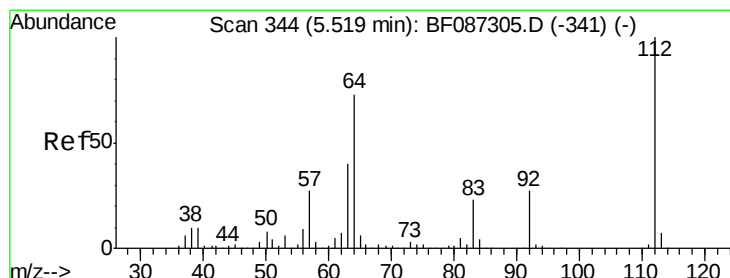
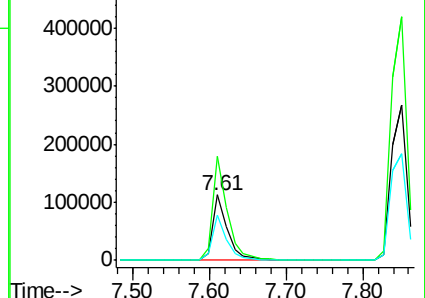
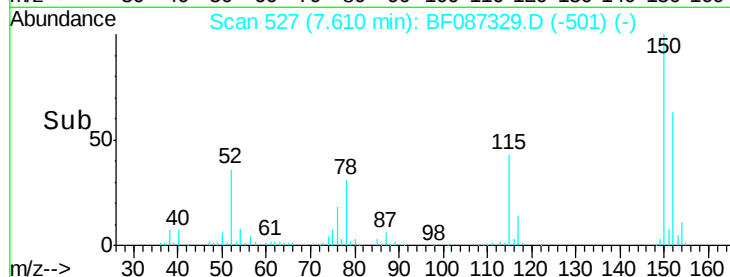
115 68.5 51.5 77.3



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: 99.17 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087329.D

Acq: 24 May 2016 7:52

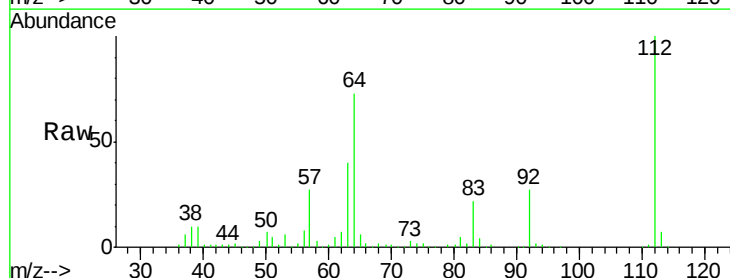
Tgt Ion:112 Resp: 857622

Ion Ratio Lower Upper

112 100

64 72.8 52.1 78.1

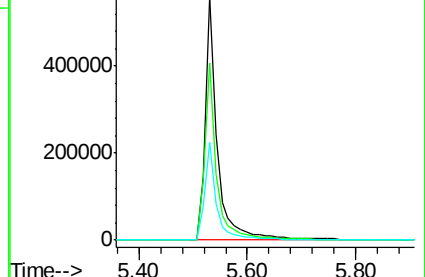
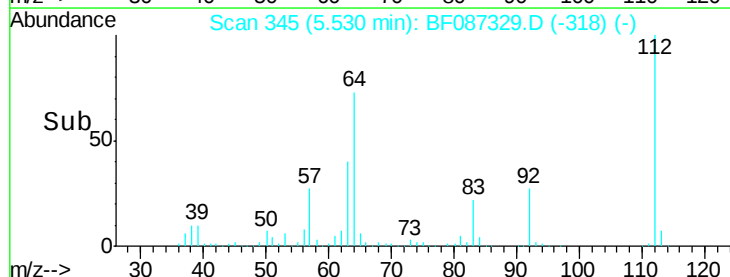
63 40.0 25.7 38.5#

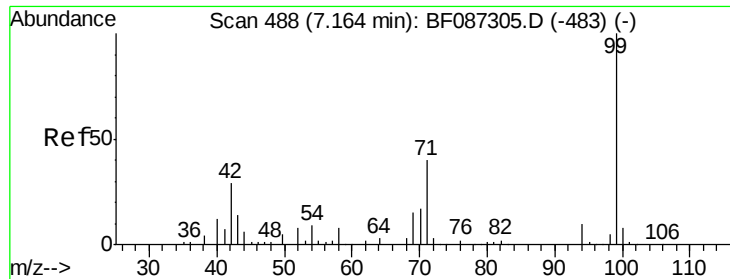


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.96 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087329.D

Acq: 24 May 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

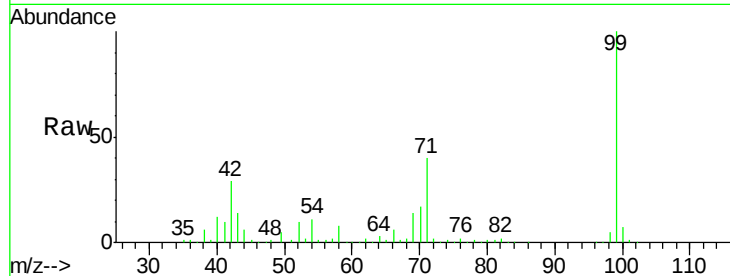
Tgt Ion: 99 Resp: 1133007

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

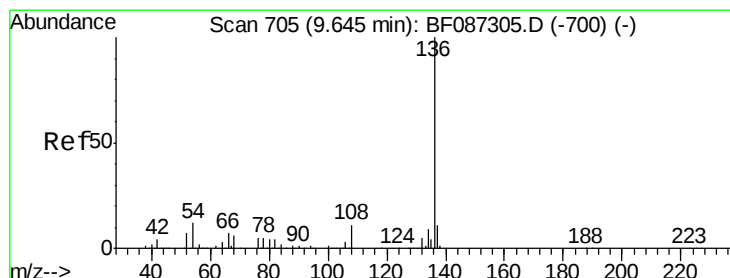
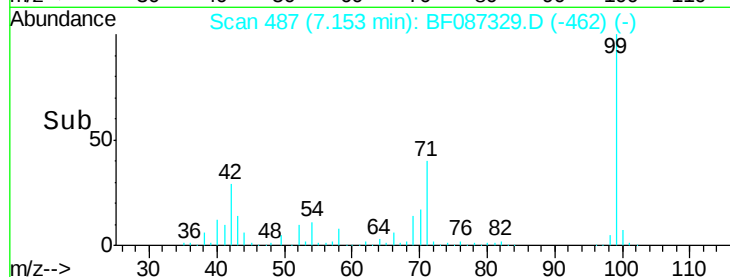
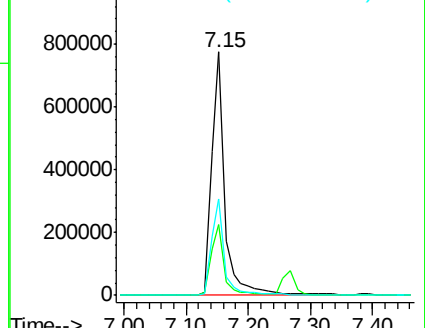
71 39.5 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087329.D

Acq: 24 May 2016 7:52

Tgt Ion: 136 Resp: 644386

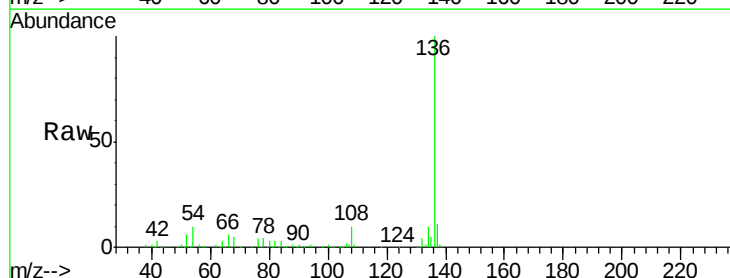
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.1 5.0 7.4#

68 5.2 4.4 6.6

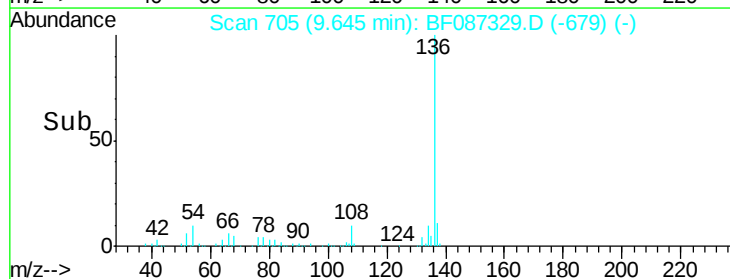
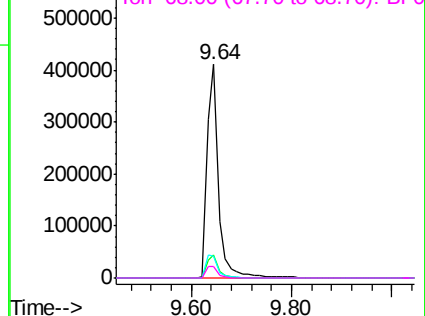


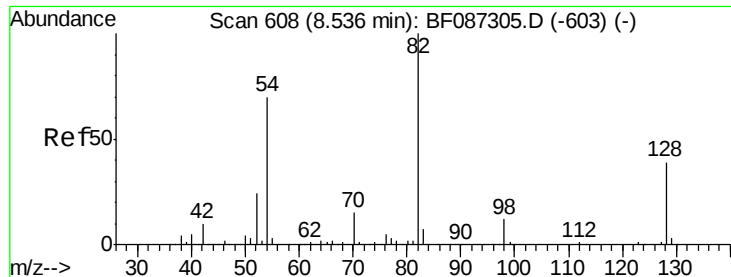
Abundance Ion 136.00 (135.70 to 136.70): E

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

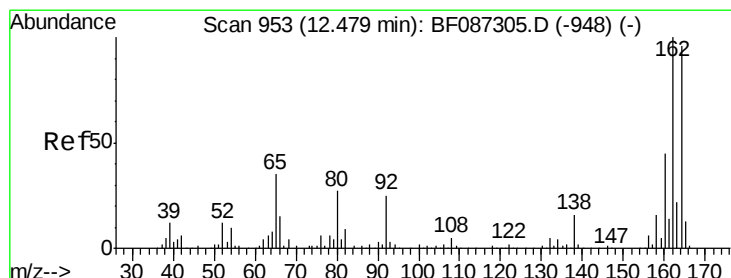
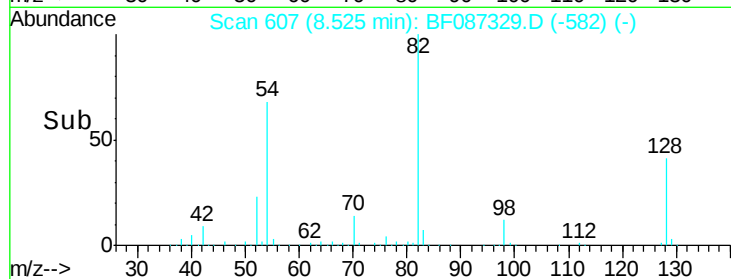
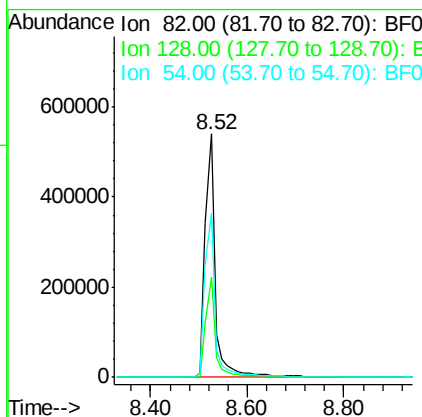
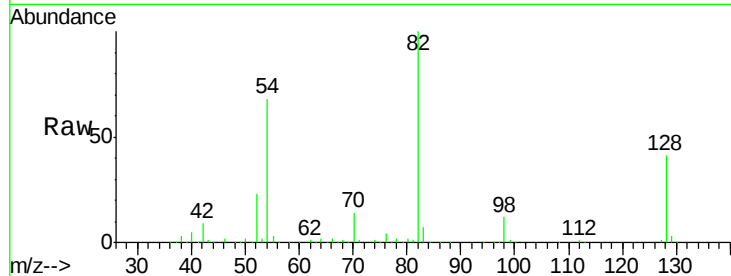




#23
 Nitrobenzene-d5
 Concen: 62.12 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087329.D
 Acq: 24 May 2016 7:52

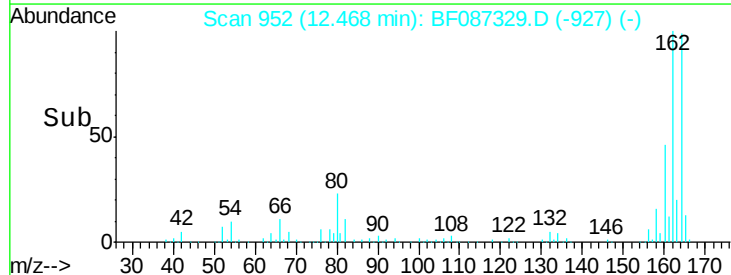
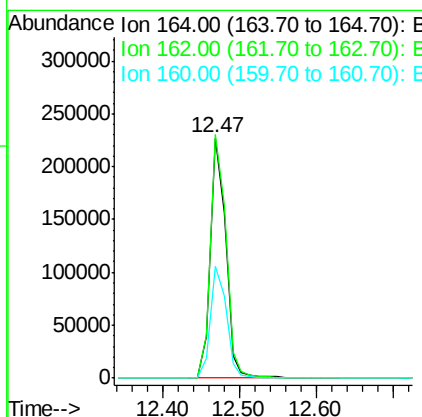
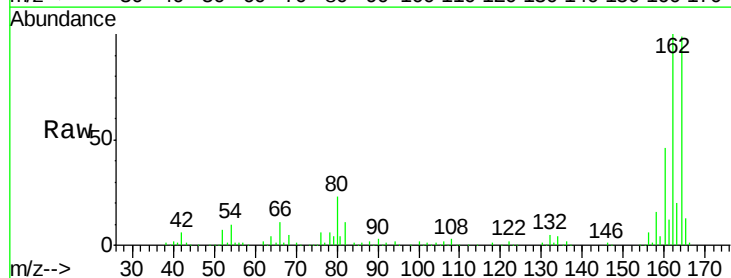
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

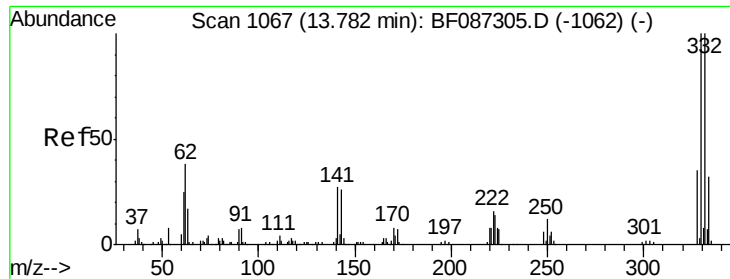
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	40.6	61.0
54	67.7	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087329.D
 Acq: 24 May 2016 7:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	46.4	36.9	55.3

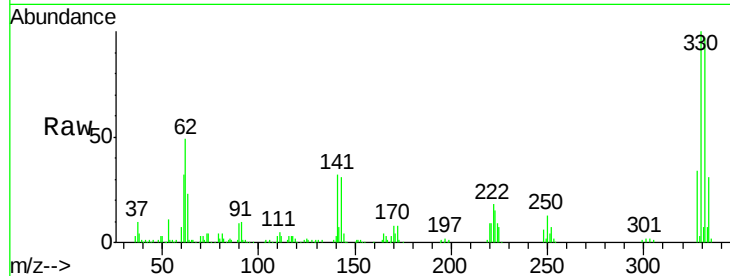




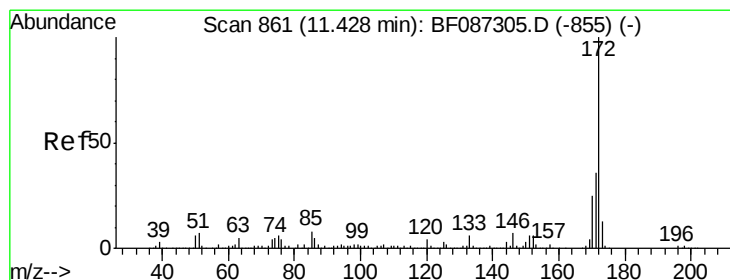
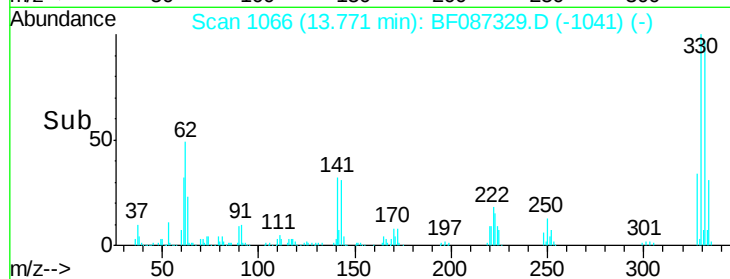
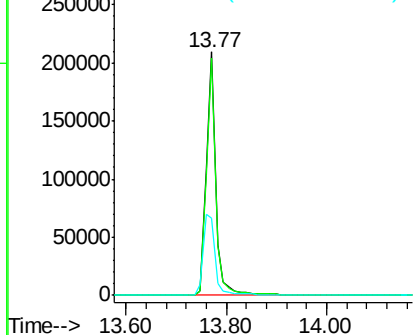
#41
 2,4,6-Tribromophenol
 Concen: 92.53 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087329.D
 Acq: 24 May 2016 7:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion: 330 Resp: 278829
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.4
 141 42.3 31.2 46.8

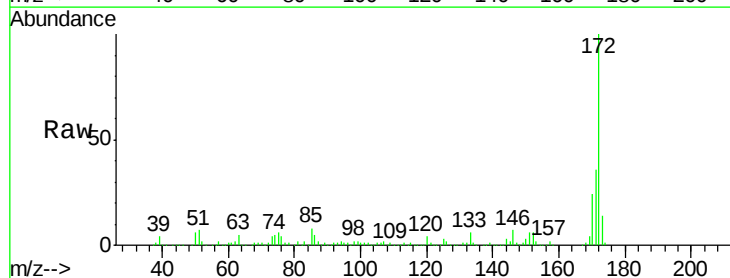


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

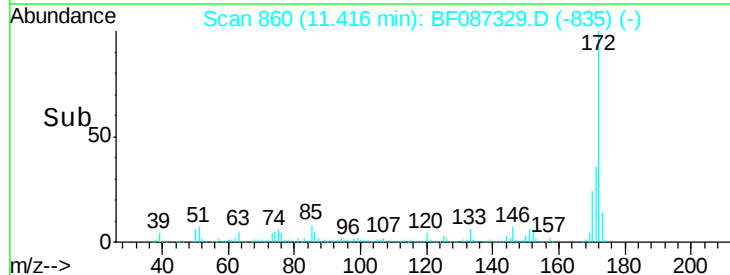
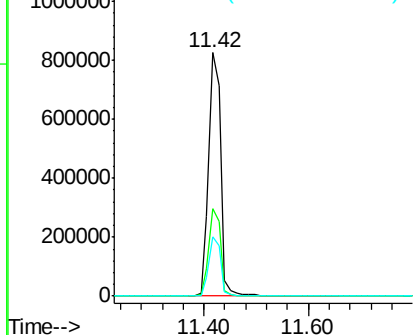


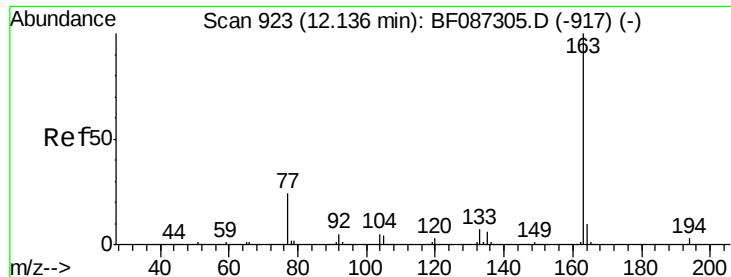
#44
 2-Fluorobiphenyl
 Concen: 59.89 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087329.D
 Acq: 24 May 2016 7:52

Tgt Ion: 172 Resp: 1332005
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.2 19.8 29.8



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

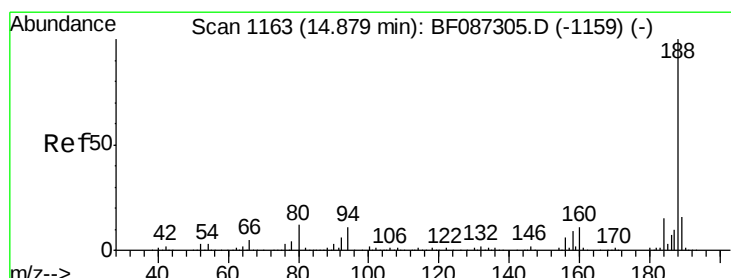
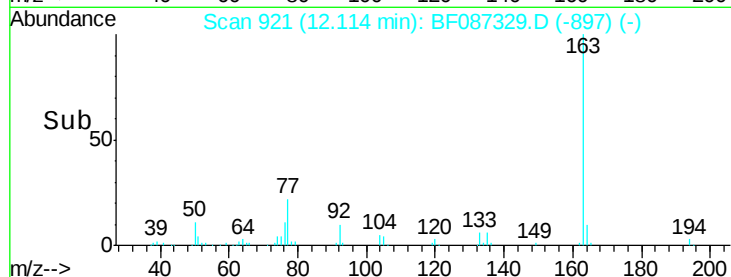
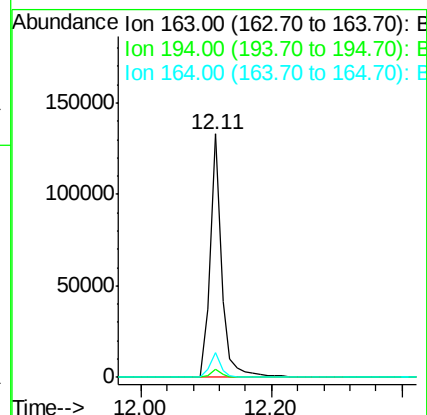
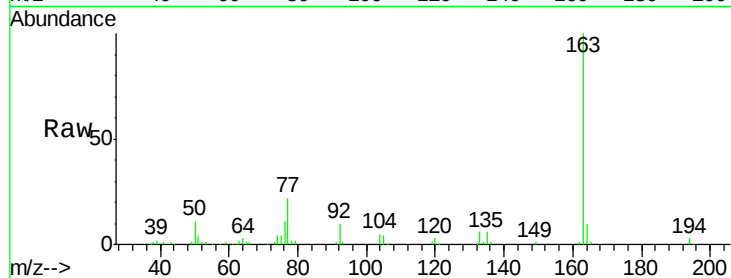




#49
Dimethylphthalate
Concen: 6.55 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087329.D
Acq: 24 May 2016 7:52

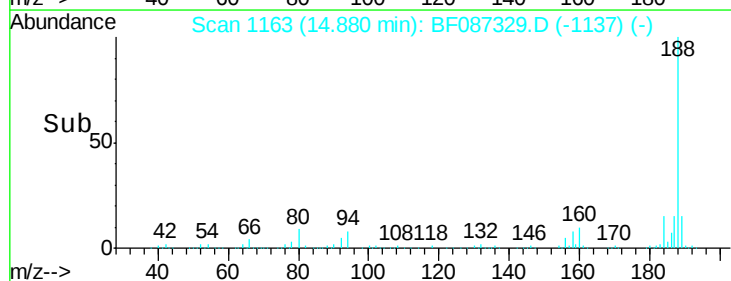
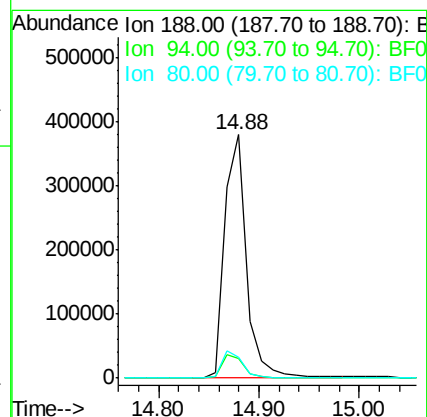
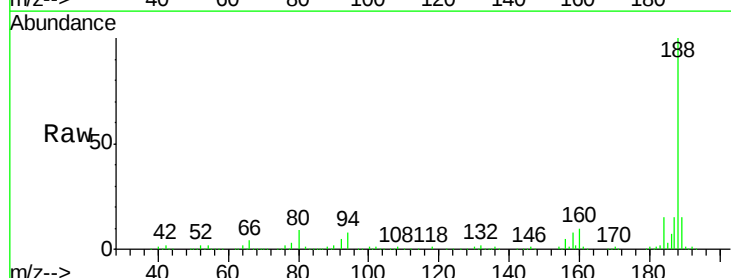
Instrument :
BNA_F
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SB-20-COMP

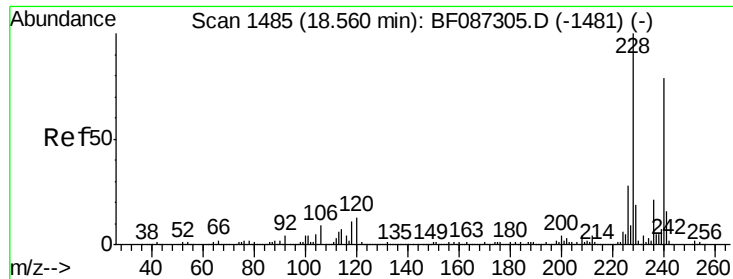
Tgt Ion:163 Resp: 164484
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.0 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087329.D
Acq: 24 May 2016 7:52

Tgt Ion:188 Resp: 574228
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.6 7.1 10.7

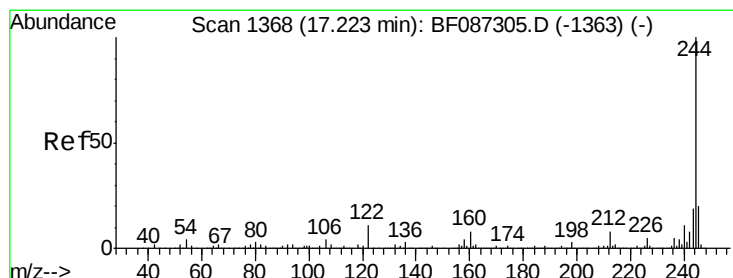
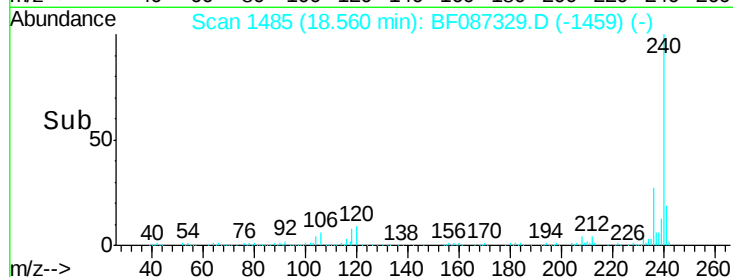
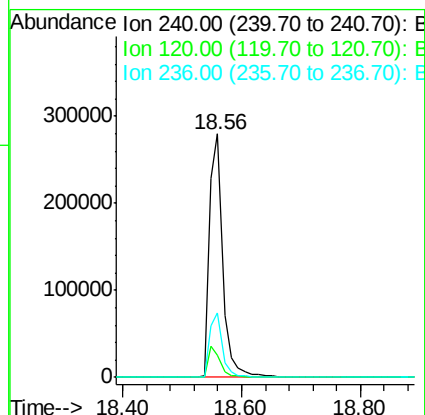
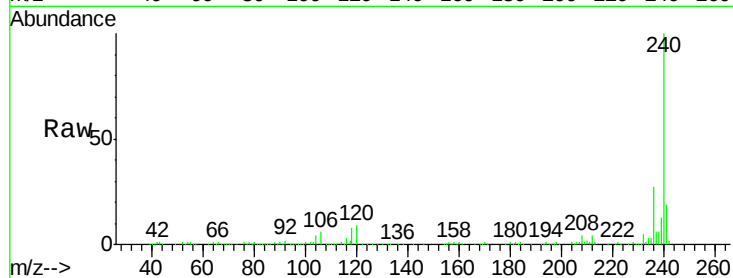




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF087329.D
 Acq: 24 May 2016 7:52

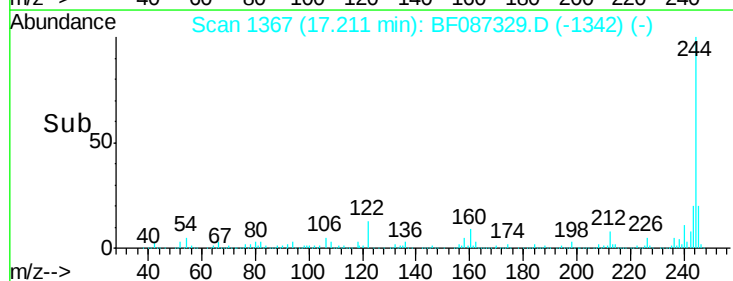
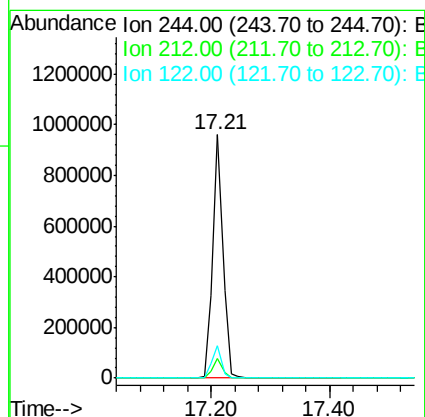
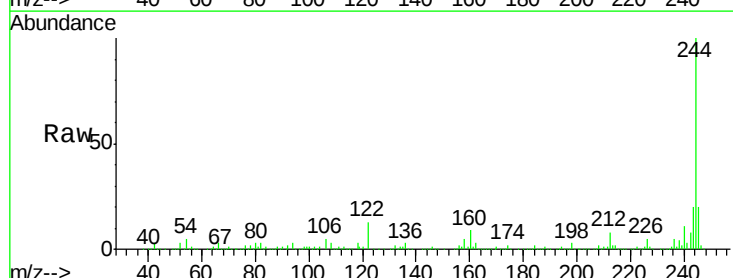
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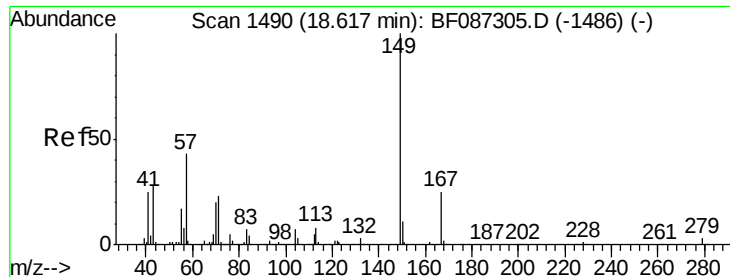
Tgt Ion:240 Resp: 435819
 Ion Ratio Lower Upper
 240 100
 120 9.0 11.2 16.8#
 236 26.6 21.2 31.8



#78
 Terphenyl-d14
 Concen: 56.07 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF087329.D
 Acq: 24 May 2016 7:52

Tgt Ion:244 Resp: 1149473
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.4 12.0 18.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.09 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF087329.D

Acq: 24 May 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

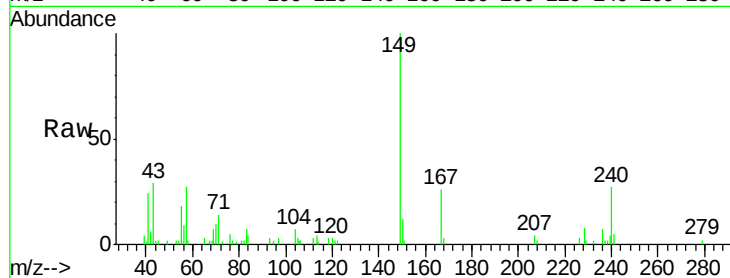
Tgt Ion:149 Resp: 42343

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

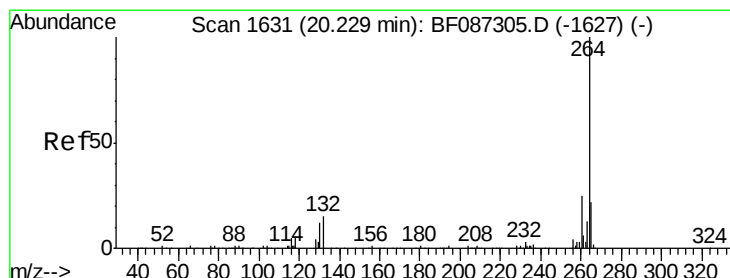
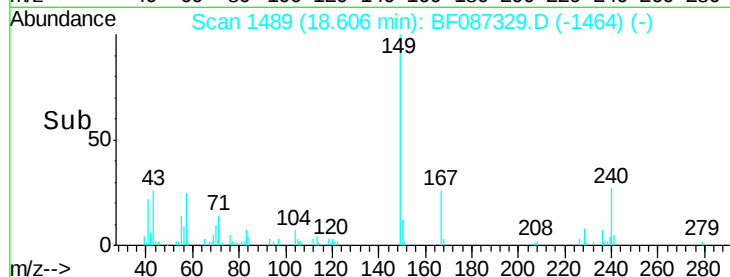
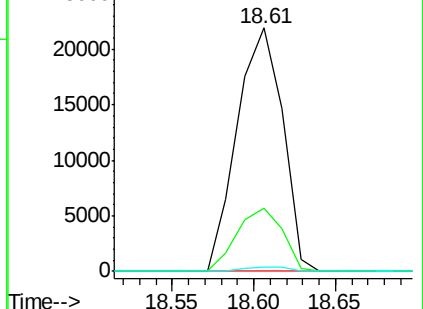
279 1.6 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087329.D

Acq: 24 May 2016 7:52

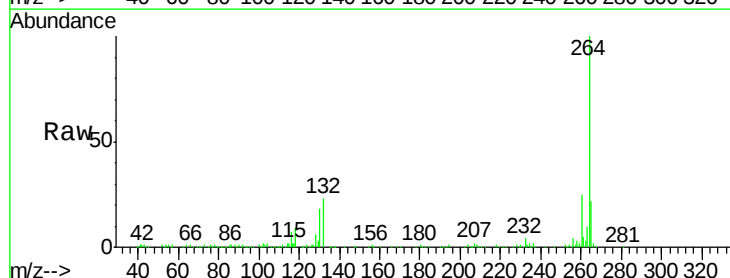
Tgt Ion:264 Resp: 313482

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.9 17.3 25.9



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

