

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087549.D
 Acq On : 30 May 2016 14:12
 Operator : UM/SJ
 Sample : H3317-03
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: May 31 01:21:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

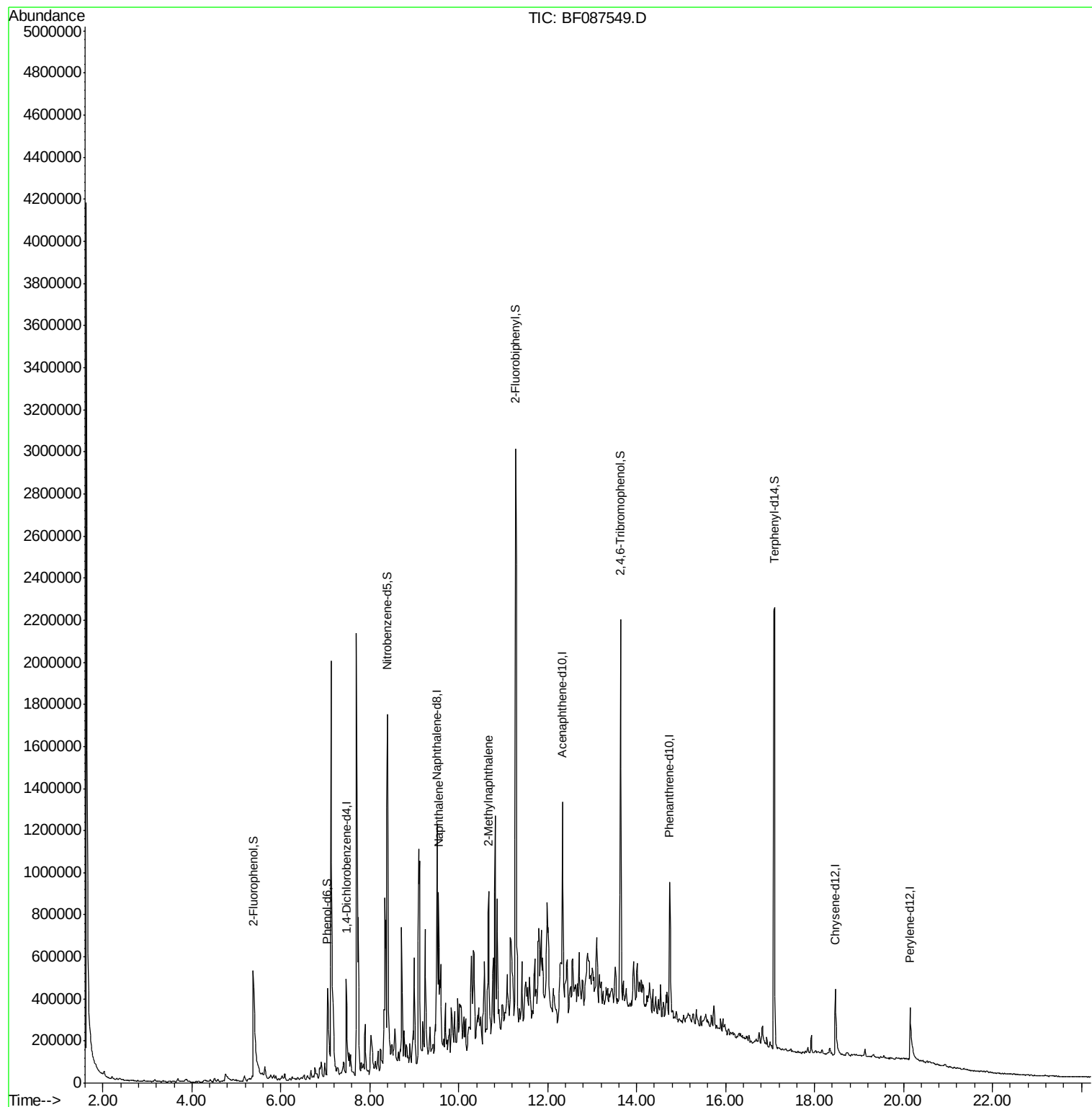
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	114331	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	416781	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	258393	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	356893	20.00	ng	0.00
75) Chrysene-d12	18.47	240	236476	20.00	ng	0.02
86) Perylene-d12	20.15	264	216761	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	421474	64.78	ng	0.01
7) Phenol-d6	7.05	99	362816	41.27	ng	0.01
23) Nitrobenzene-d5	8.40	82	829925	100.36	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	273068	109.97	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1285658	70.14	ng	-0.01
78) Terphenyl-d14	17.10	244	999532	89.86	ng	0.00
Target Compounds						
31) Naphthalene	9.54	128	427575	20.47	ng	98
37) 2-Methylnaphthalene	10.67	142	293867	22.52	ng	96

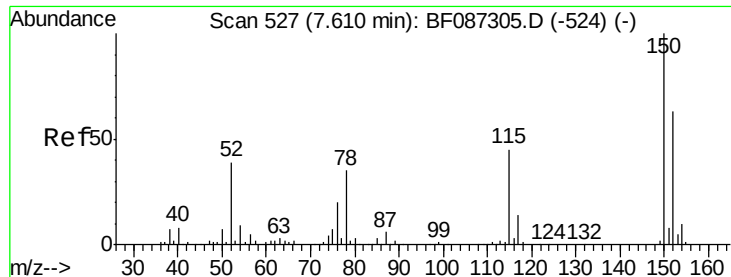
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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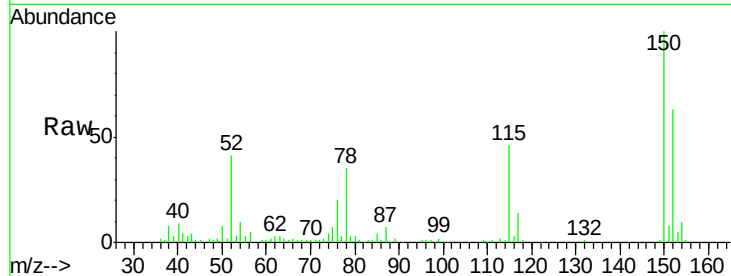


#1

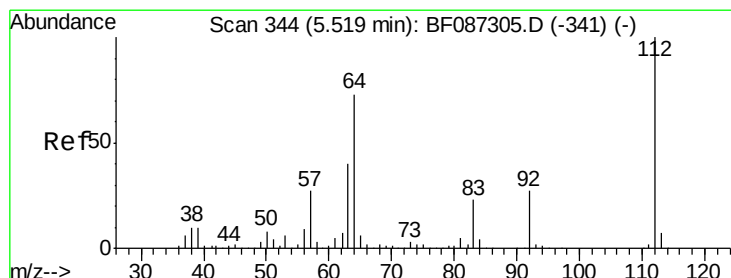
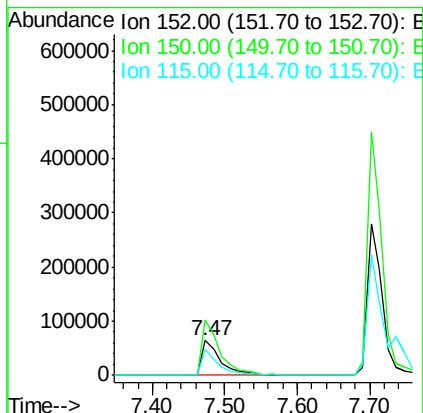
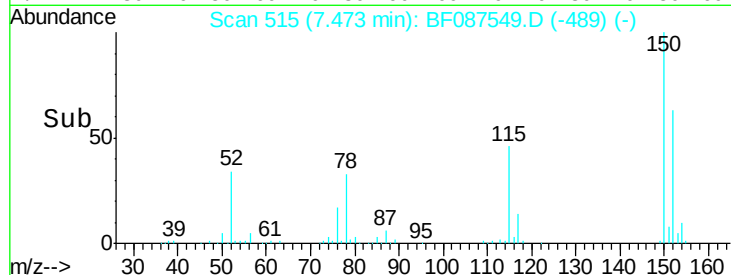
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion:152 Resp: 114331
Ion Ratio Lower Upper
152 100
150 159.6 125.8 188.6
115 74.1 51.5 77.3



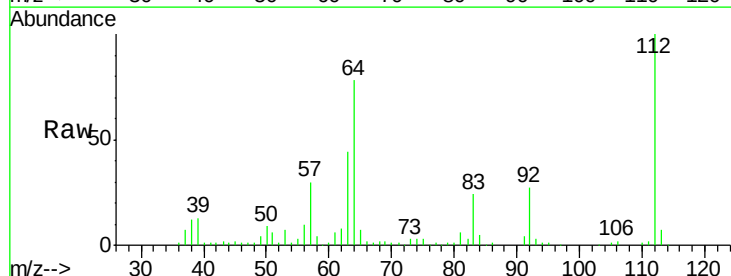
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



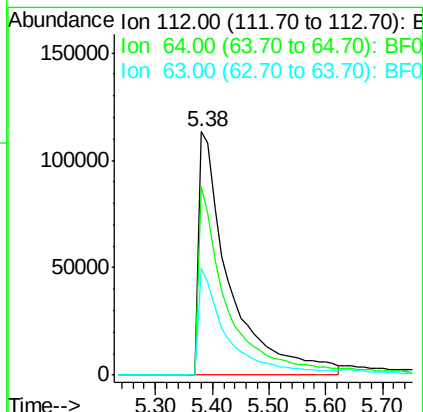
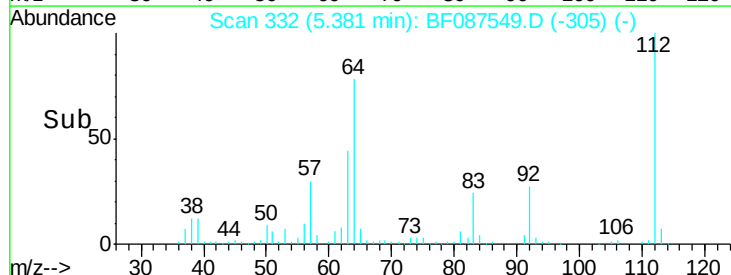
#5

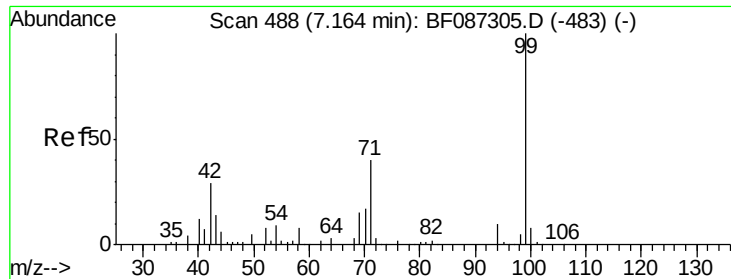
2-Fluorophenol
Concen: 64.78 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:112 Resp: 421474
Ion Ratio Lower Upper
112 100
64 77.6 52.1 78.1
63 43.8 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: 41.27 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF087549.D

Acq: 30 May 2016 14:12

Instrument :

BNA_F

ClientSampleId :

MW-08

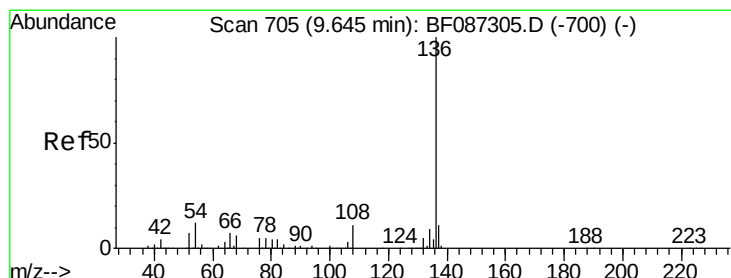
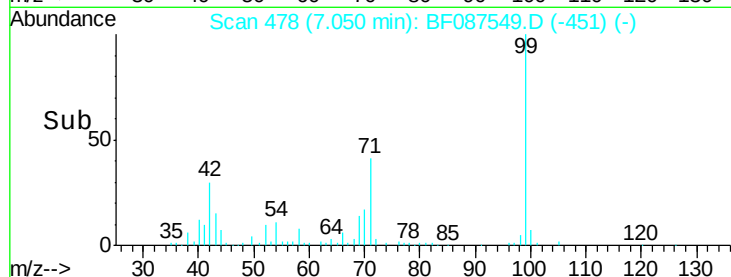
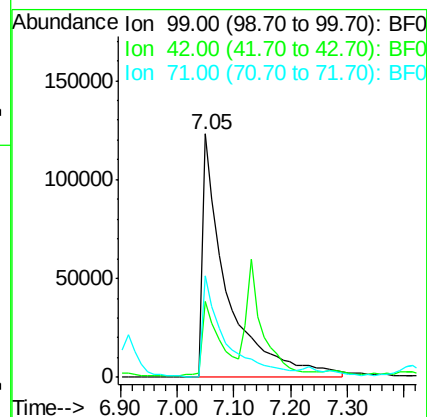
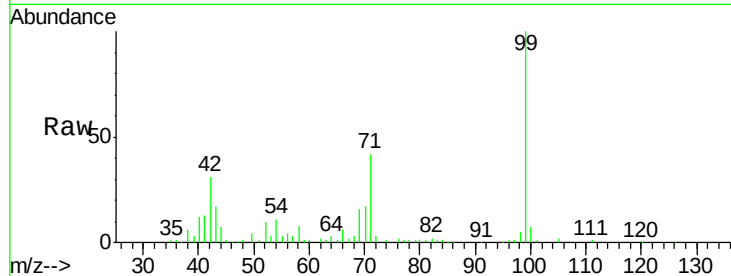
Tot Ion: 99 Resp: 362816

Ion Ratio Lower Upper

99 100

42 31.1 13.6 20.4#

71 41.5 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087549.D

Acq: 30 May 2016 14:12

Tgt Ion: 136 Resp: 416781

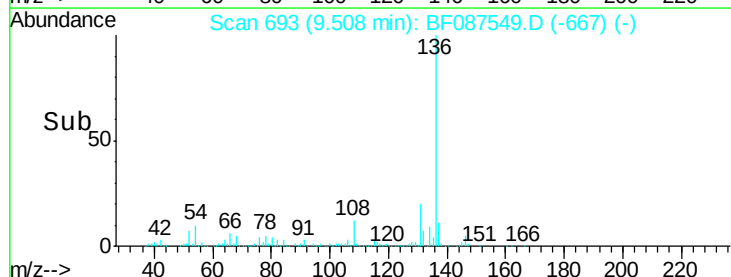
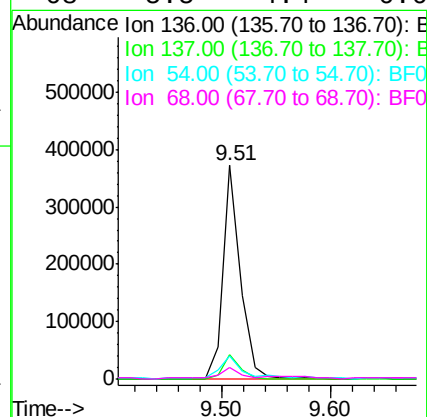
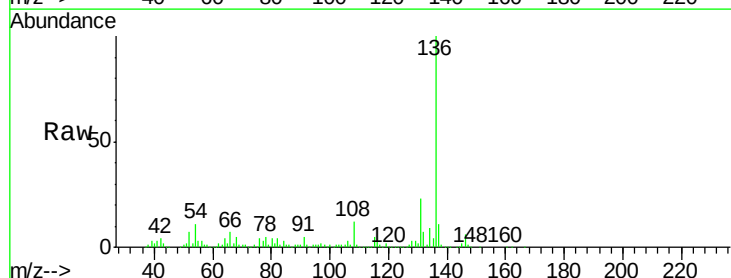
Ion Ratio Lower Upper

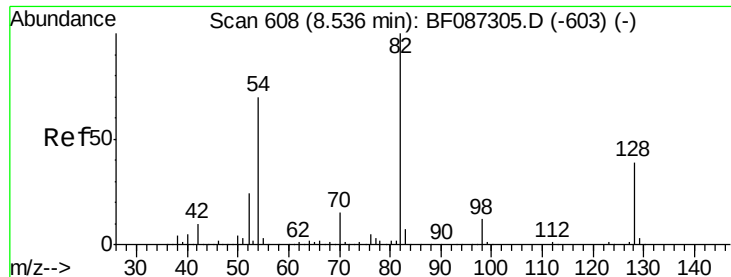
136 100

137 11.1 8.8 13.2

54 10.8 5.0 7.4#

68 5.5 4.4 6.6

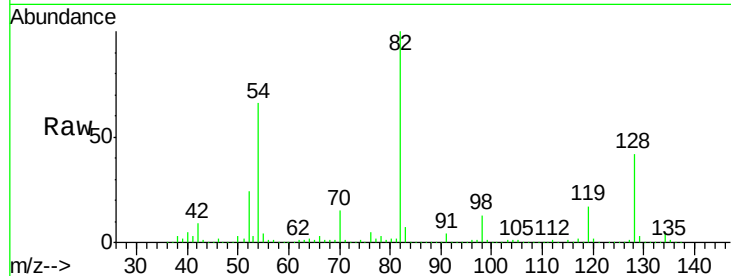




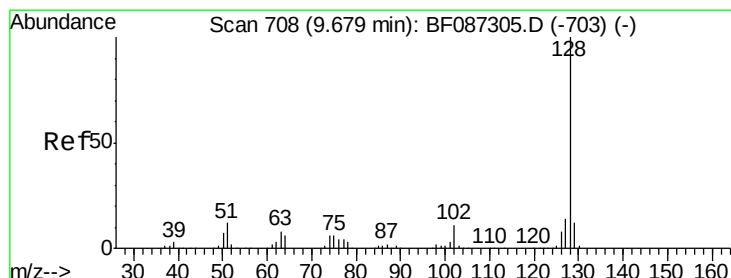
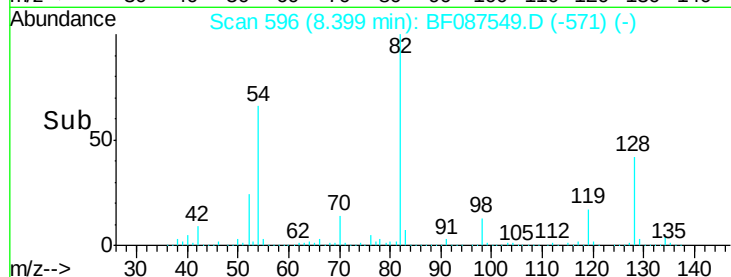
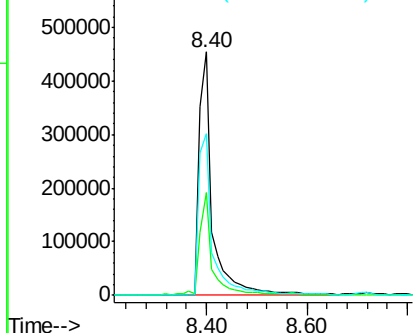
#23
Nitrobenzene-d5
Concen: 100.36 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion	82	Resp	829925
Ion Ratio	Lower	Upper	
82	100		
128	42.3	40.6	61.0
54	66.4	38.1	57.1#

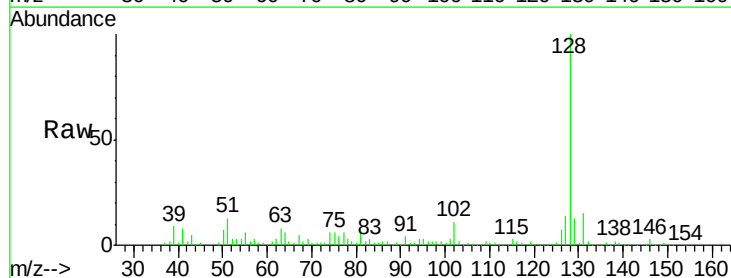


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

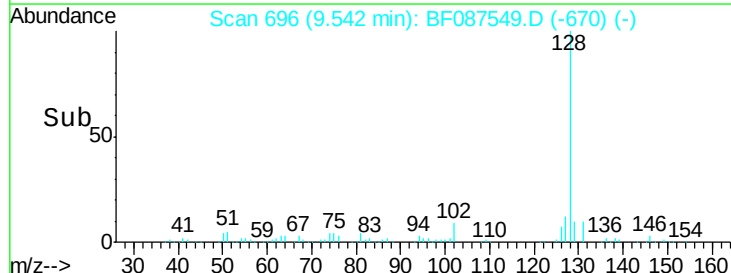
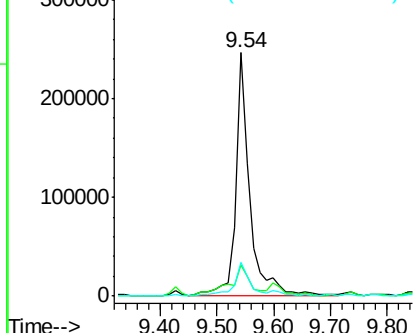


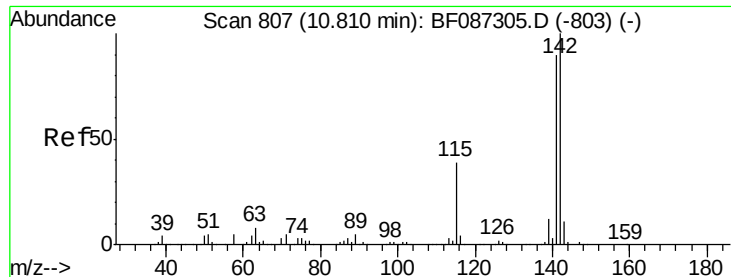
#31
Naphthalene
Concen: 20.47 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion	128	Resp	427575
Ion Ratio	Lower	Upper	
128	100		
129	12.6	8.6	13.0
127	13.6	10.8	16.2



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

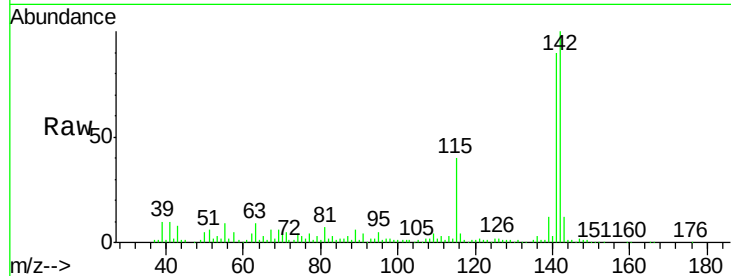




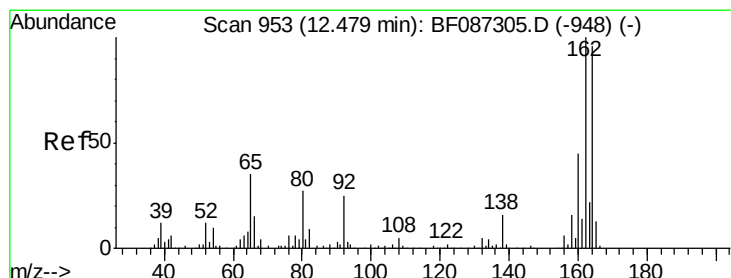
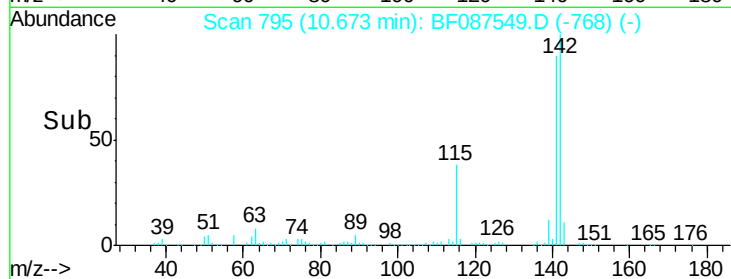
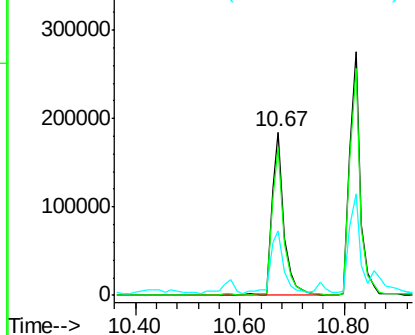
#37
2-Methylnaphthalene
Concen: 22.52 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	39.8	26.6	39.8

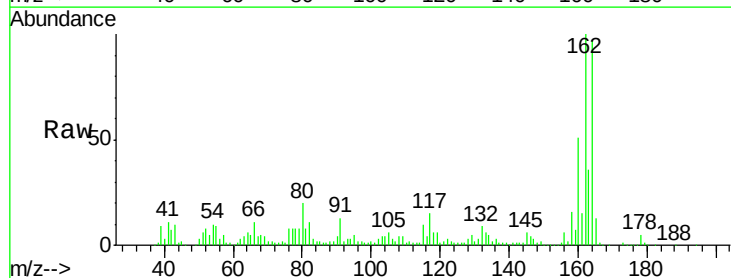


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

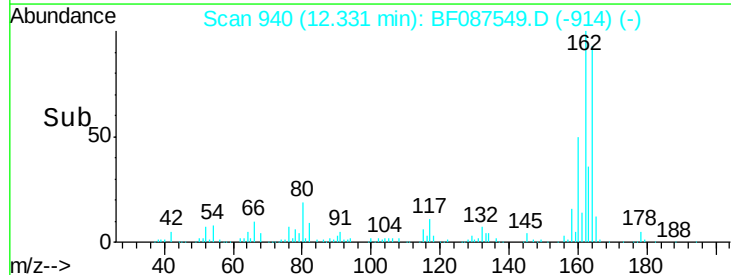
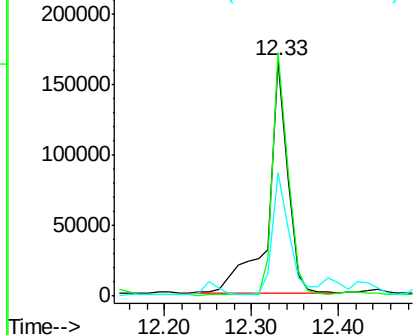


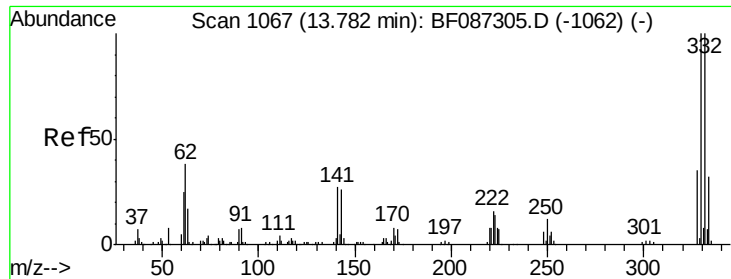
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	52.5	36.9	55.3



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

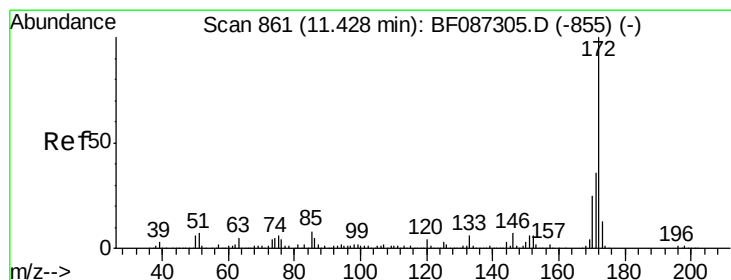
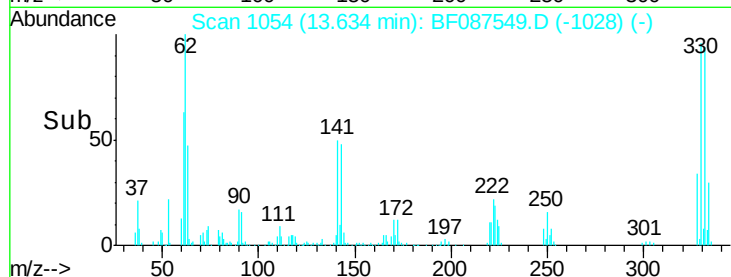
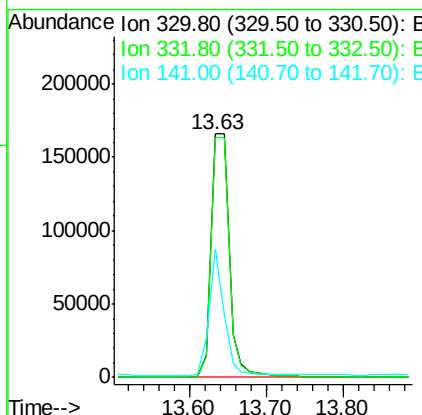
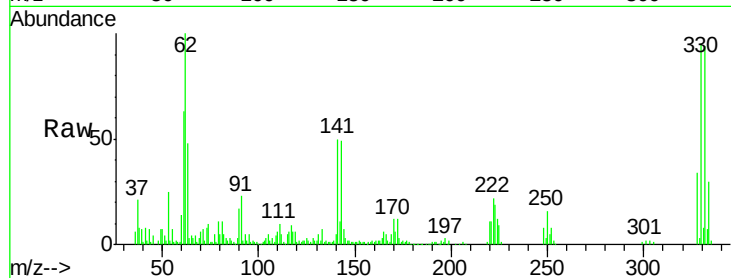




#41
 2,4,6-Tribromophenol
 Concen: 109.97 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087549.D
 Acq: 30 May 2016 14:12

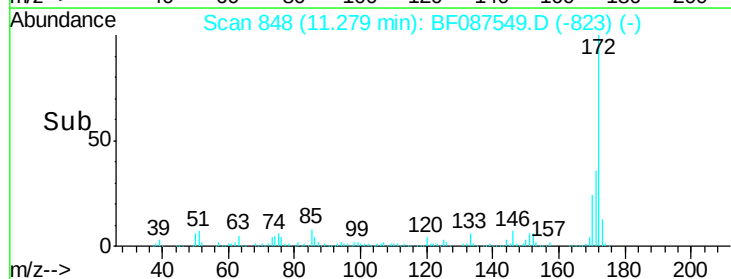
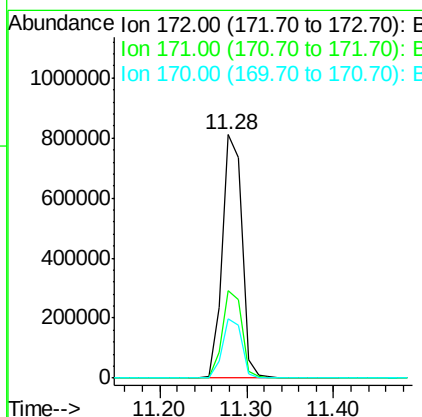
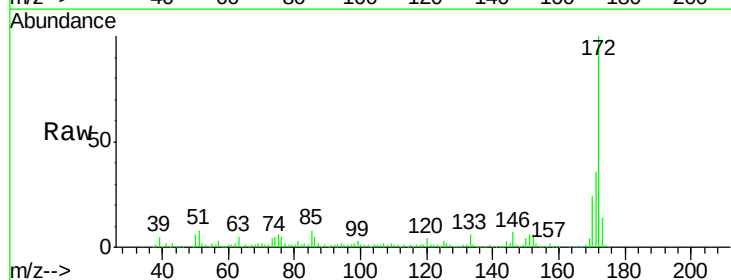
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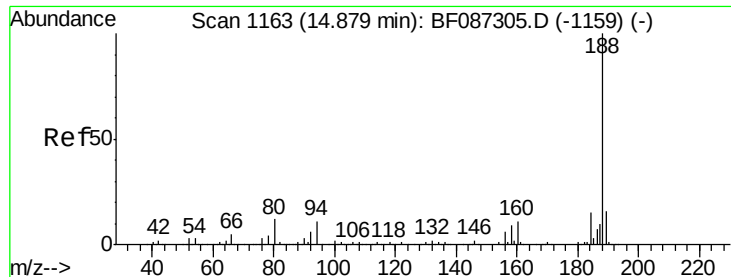
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.0	118.4
141	44.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 70.14 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087549.D
 Acq: 30 May 2016 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8

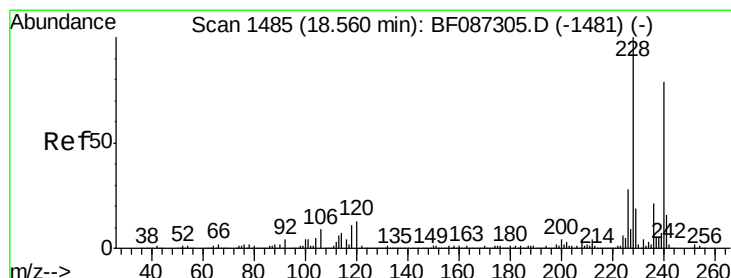
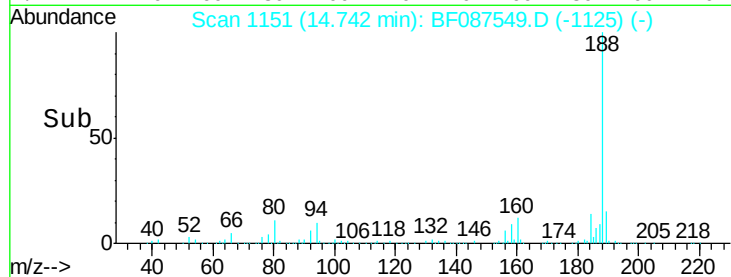
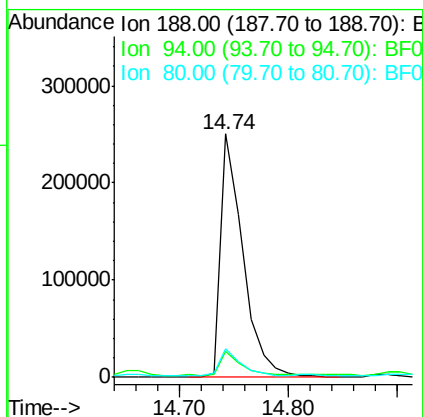
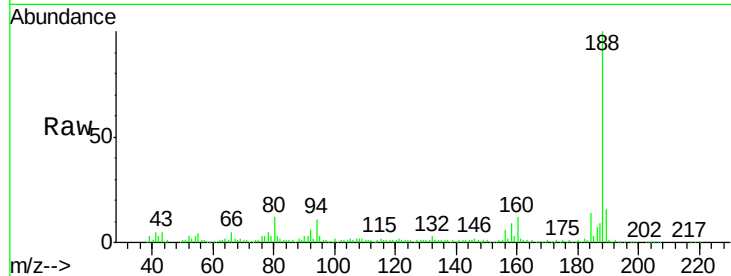




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

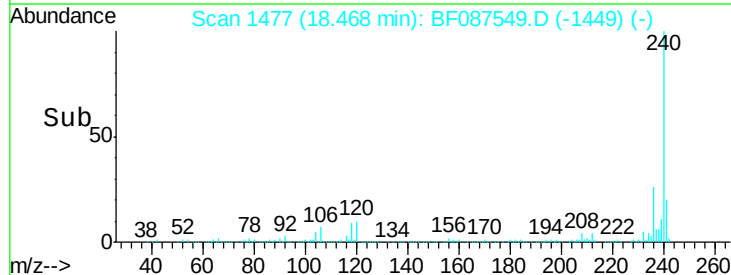
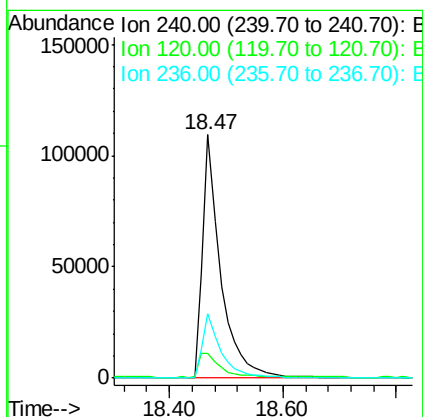
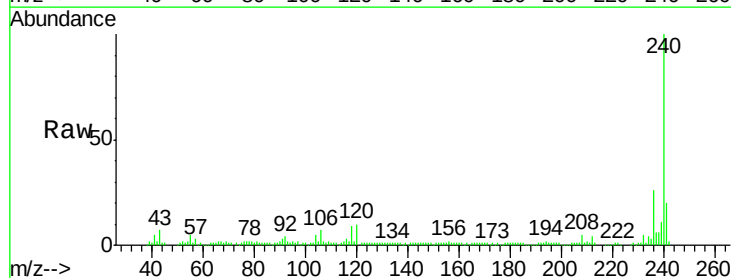
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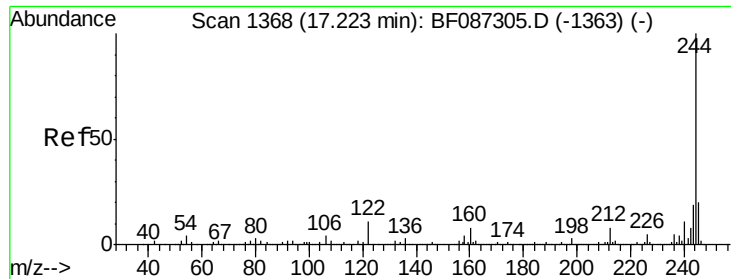
Tot Ion:188 Resp: 356893
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 11.7 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.02 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:240 Resp: 236476
Ion Ratio Lower Upper
240 100
120 10.3 11.2 16.8#
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 89.86 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF087549.D

Acq: 30 May 2016 14:12

Instrument :

BNA_F

ClientSampleId :

MW-08

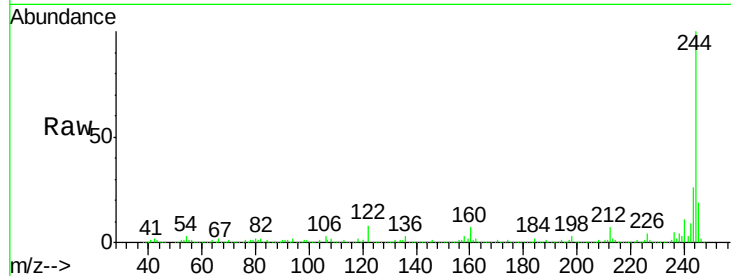
Tot Ion:244 Resp: 999532

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

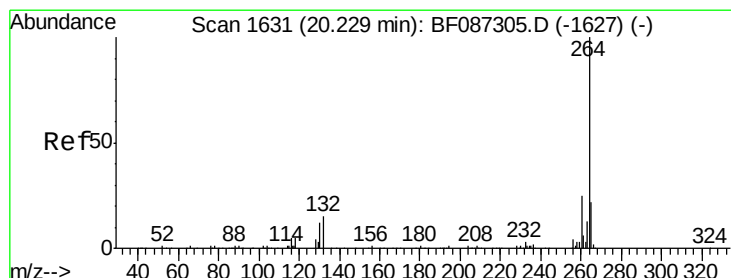
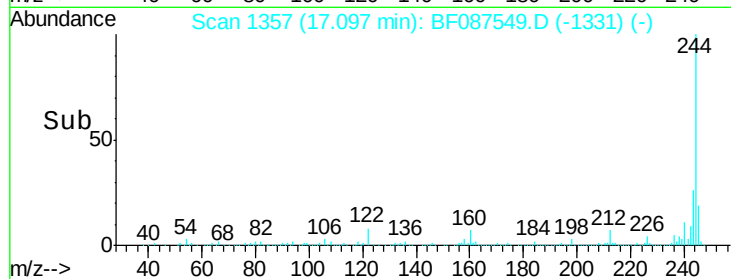
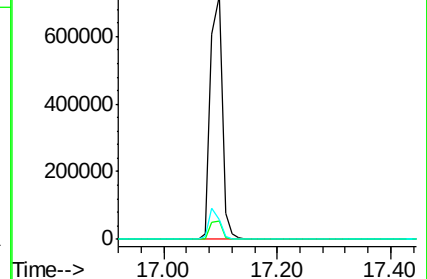
122 8.2 12.0 18.0#



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: 20.15 min Scan# 1624

Delta R.T. 0.02 min

Lab File: BF087549.D

Acq: 30 May 2016 14:12

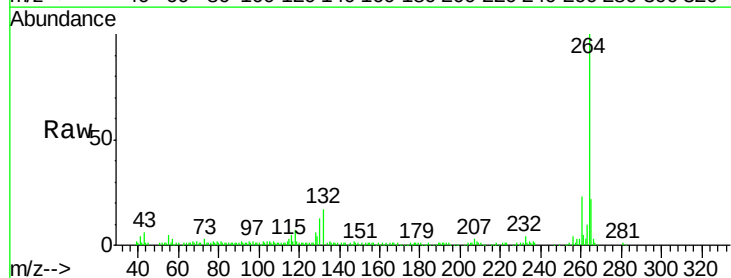
Tgt Ion:264 Resp: 216761

Ion Ratio Lower Upper

264 100

260 23.4 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

