

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088586.D
 Acq On : 1 Jul 2016 20:43
 Operator : UM/SJ
 Sample : H3850-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H2-4-SP-C

Quant Time: Jul 02 02:17:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

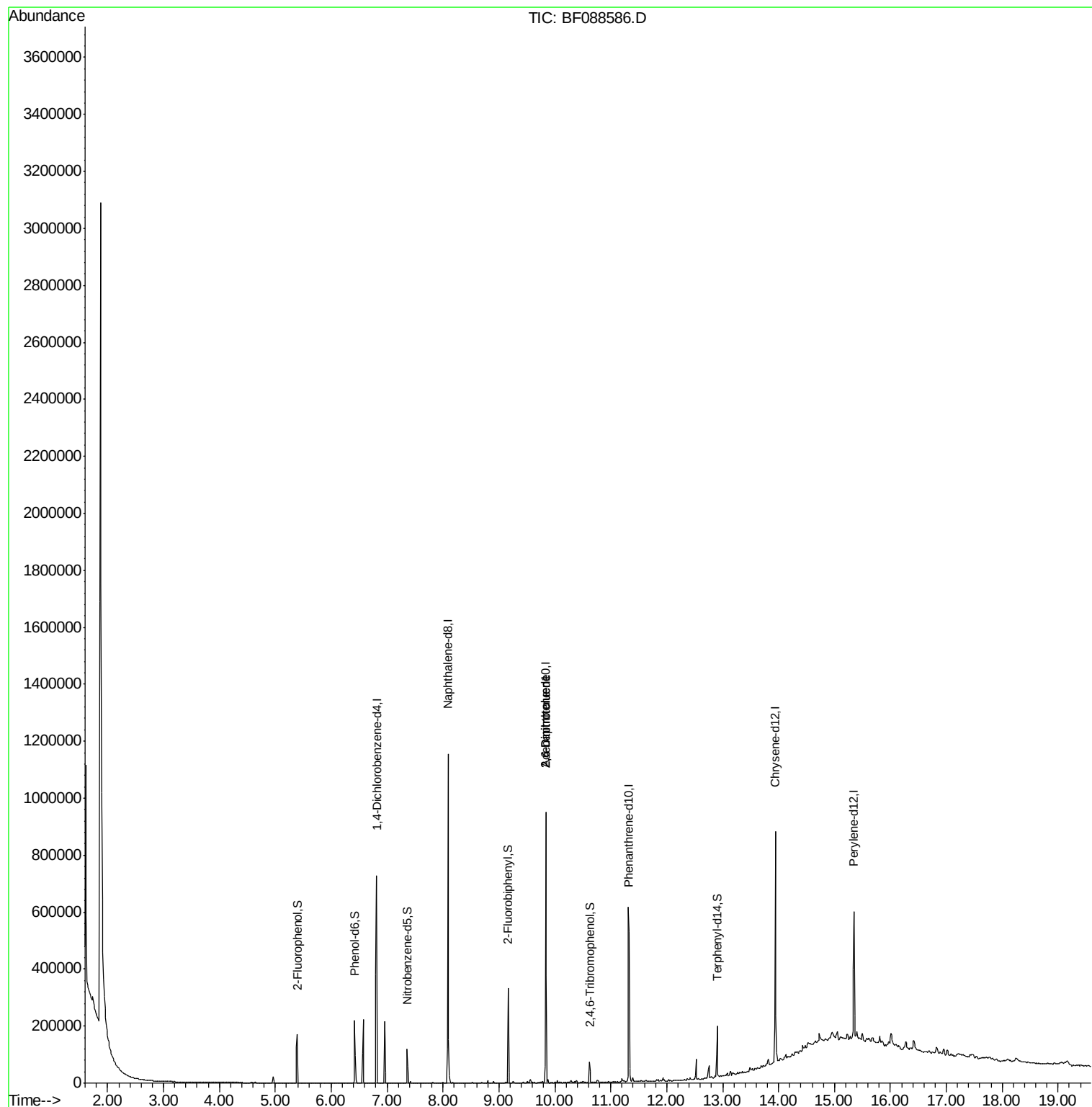
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129780	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	473024	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	195451	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	313832	20.00	ng	0.00
75) Chrysene-d12	13.94	240	241836	20.00	ng	-0.01
86) Perylene-d12	15.35	264	201822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	61604	7.11	ng	-0.01
7) Phenol-d6	6.42	99	81288	7.26	ng	-0.02
23) Nitrobenzene-d5	7.36	82	43587	4.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	9355	5.15	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	91506	7.40	ng	-0.01
78) Terphenyl-d14	12.90	244	57180	5.27	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.84	165	24968	8.09	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	24969	6.19	ng	# 38

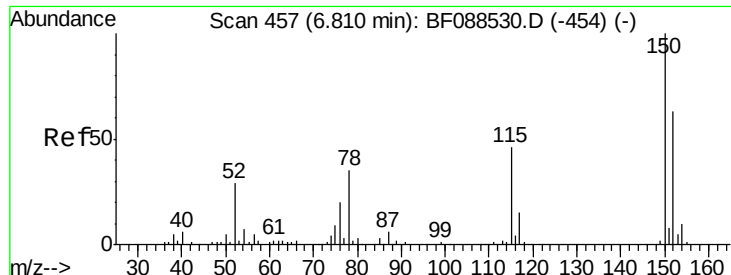
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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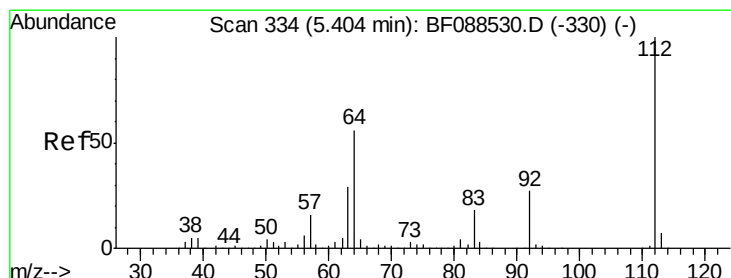
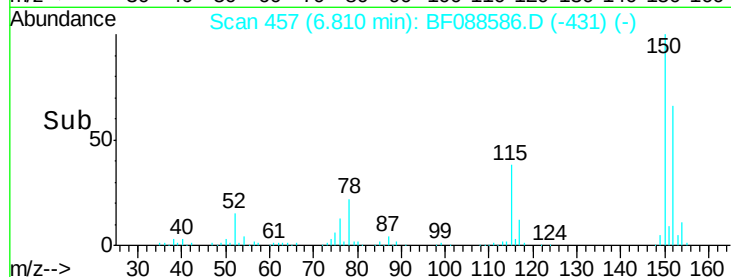
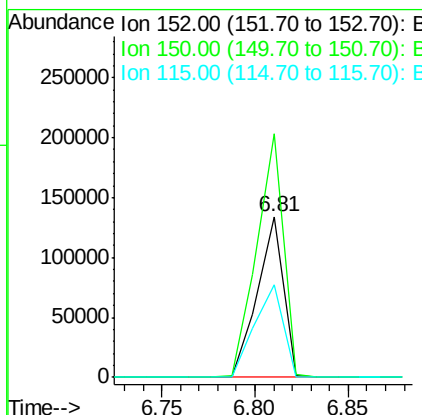
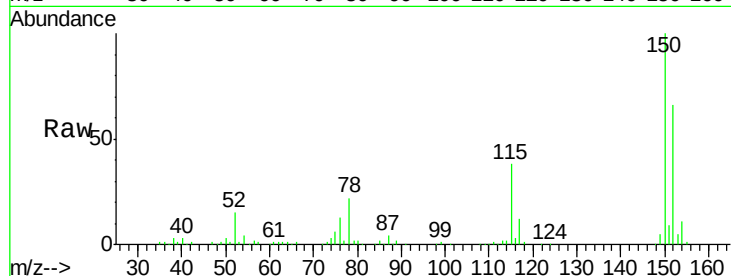


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088586.D
Acq: 1 Jul 2016 20:43

Instrument :
BNA_F
ClientSampleId :
H2-4-SP-C

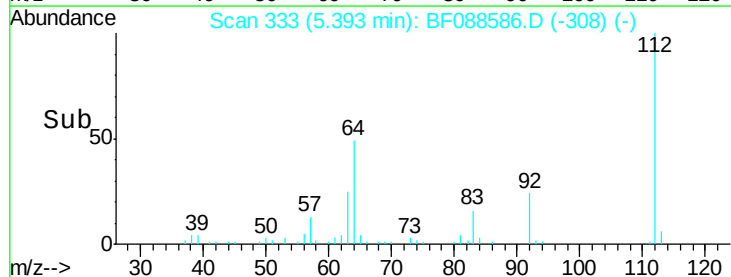
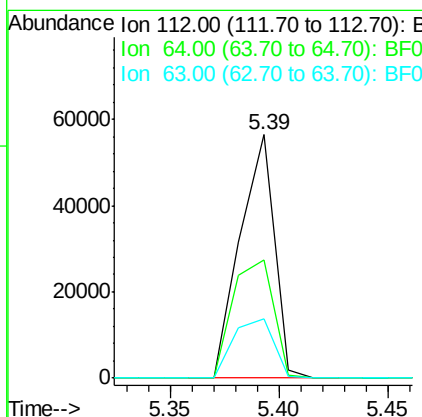
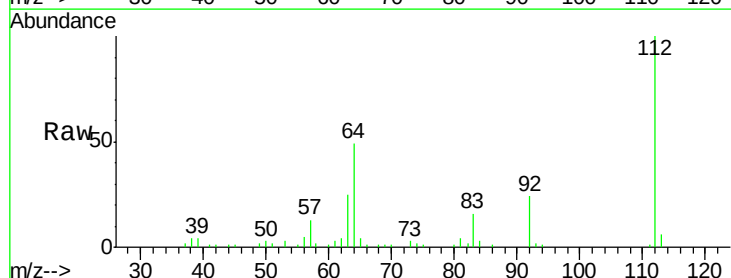
Tgt Ion:152 Resp: 129780
Ion Ratio Lower Upper
152 100
150 151.7 123.8 185.6
115 57.4 39.6 59.4

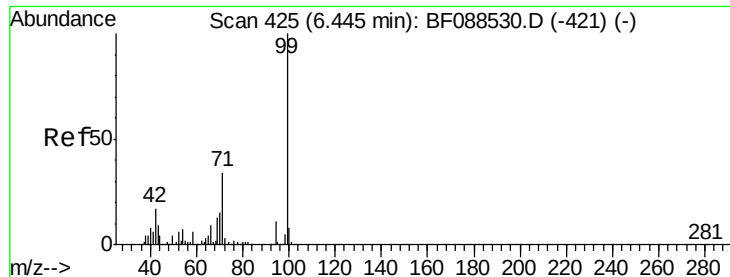


#5

2-Fluorophenol
Concen: 7.11 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088586.D
Acq: 1 Jul 2016 20:43

Tgt Ion:112 Resp: 61604
Ion Ratio Lower Upper
112 100
64 48.6 42.2 63.2
63 24.5 21.8 32.8





#7

Phenol-d6

Concen: 7.26 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088586.D

Acq: 1 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

H2-4-SP-C

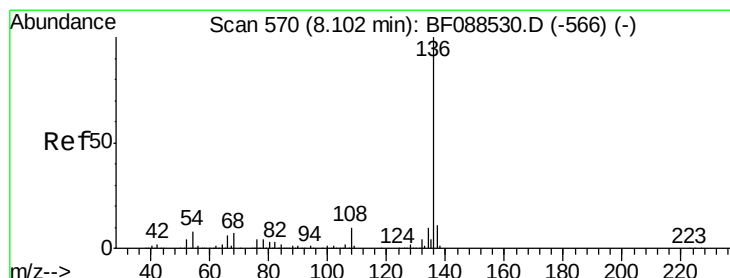
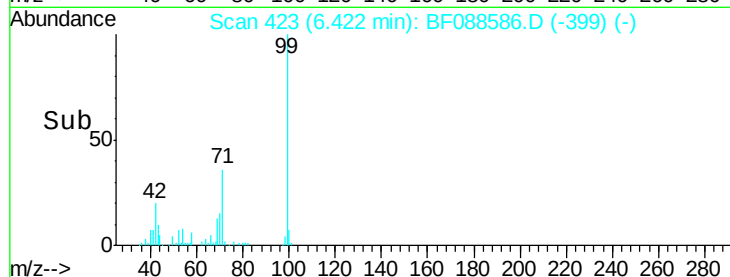
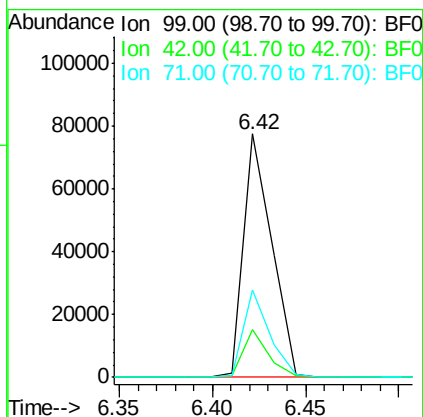
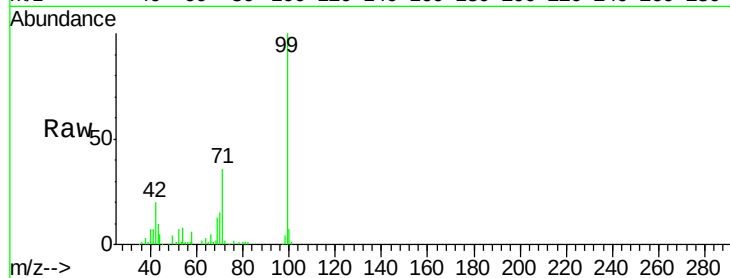
Tgt Ion: 99 Resp: 81288

Ion Ratio Lower Upper

99 100

42 19.6 12.2 18.2#

71 35.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088586.D

Acq: 1 Jul 2016 20:43

Tgt Ion: 136 Resp: 473024

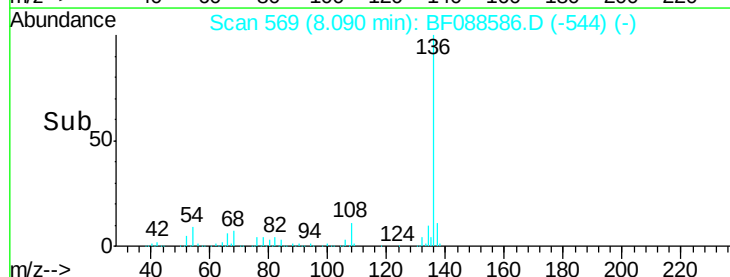
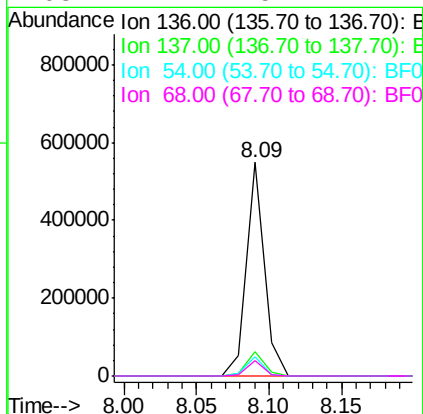
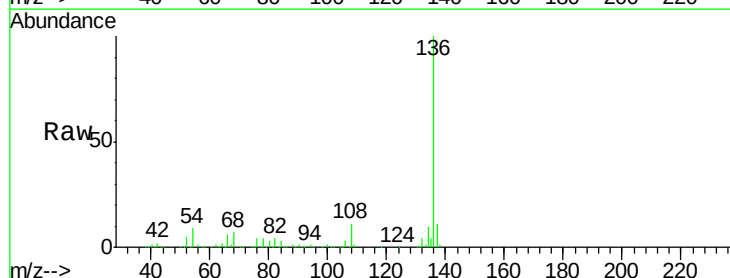
Ion Ratio Lower Upper

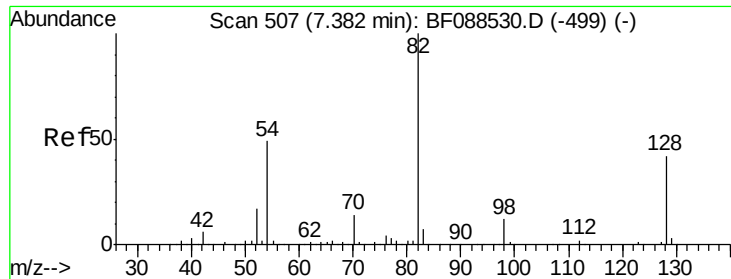
136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.4 5.1 7.7

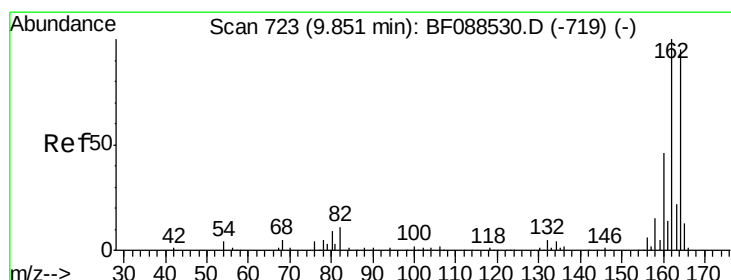
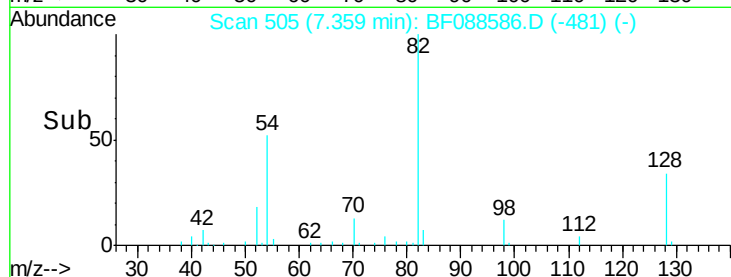
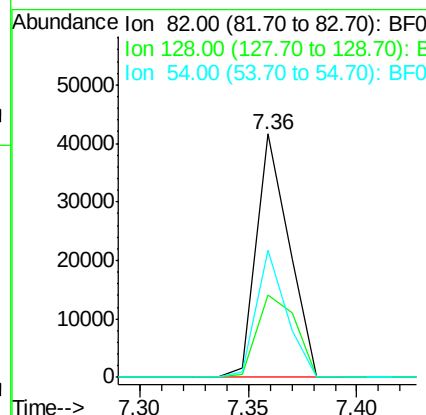
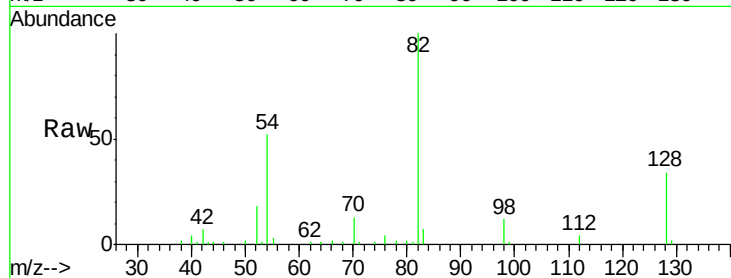




#23
 Nitrobenzene-d5
 Concen: 4.83 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

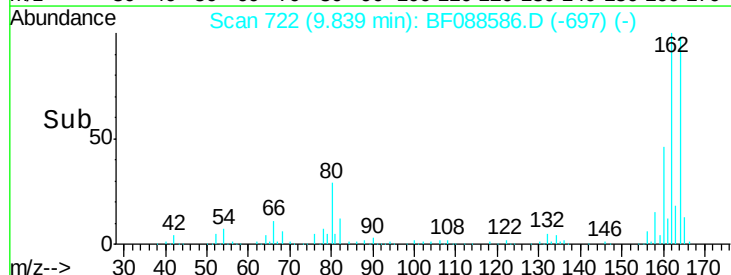
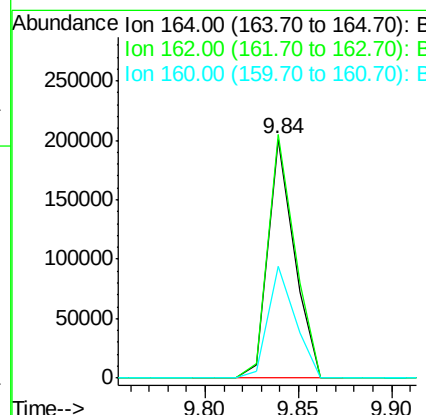
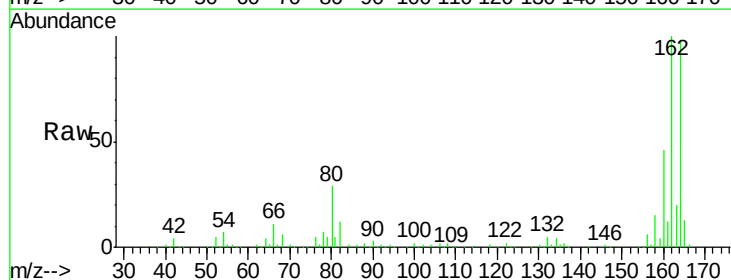
Instrument :
 BNA_F
 ClientSampleId :
 H2-4-SP-C

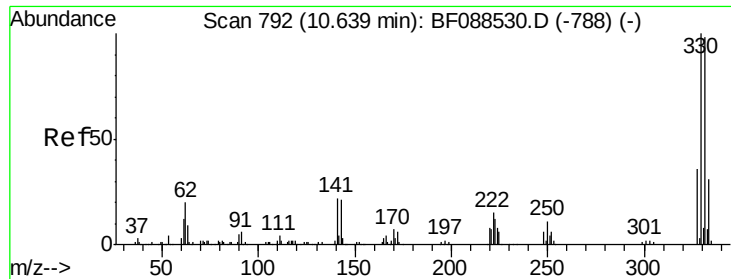
Tgt Ion: 82 Resp: 43587
 Ion Ratio Lower Upper
 82 100
 128 33.8 35.9 53.9#
 54 52.3 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

Tgt Ion: 164 Resp: 195451
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.4 128.2
 160 46.5 39.5 59.3

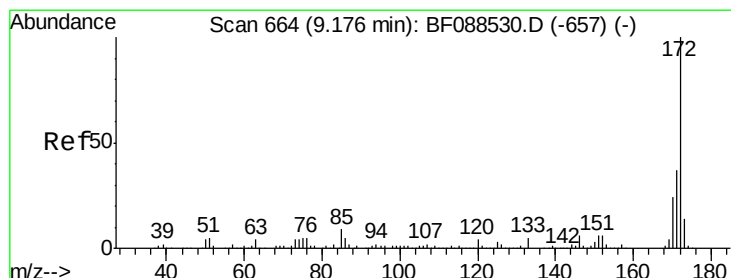
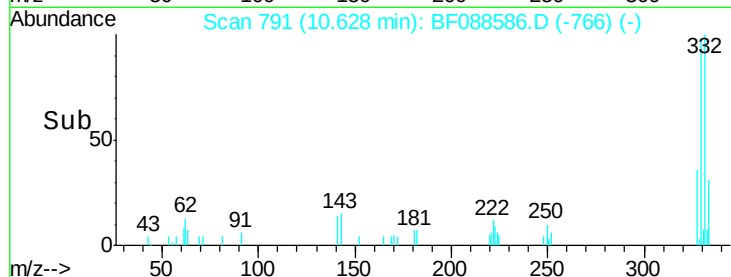
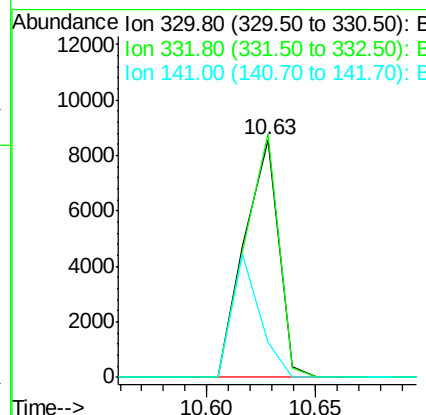
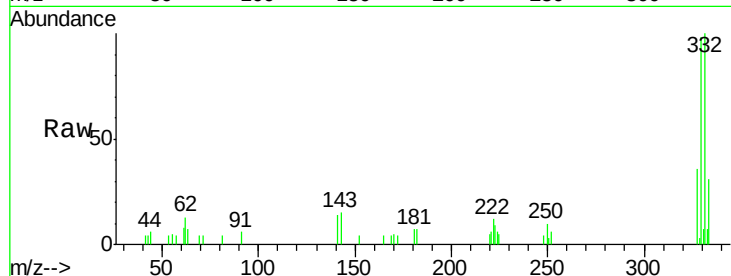




#41
 2,4,6-Tribromophenol
 Concen: 5.15 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

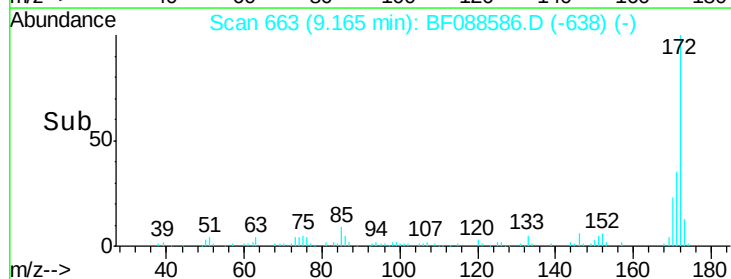
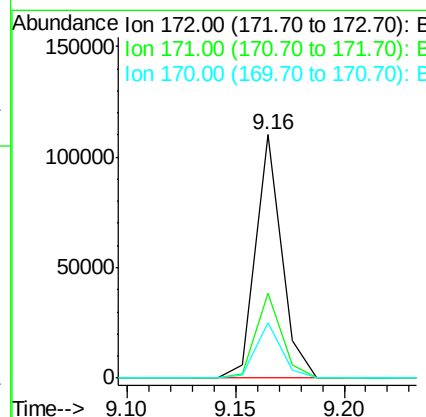
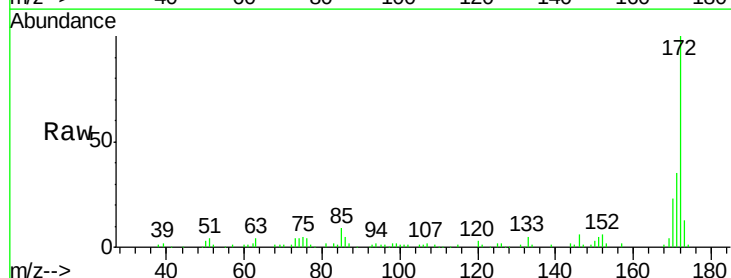
Instrument :
 BNA_F
 ClientSampleId :
 H2-4-SP-C

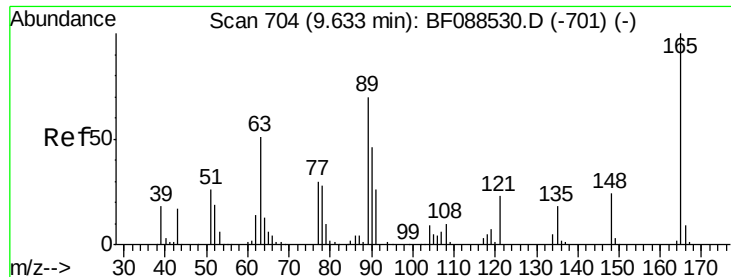
Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.3	0.0	0.0#
141	41.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 7.40 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.8	19.2	28.8

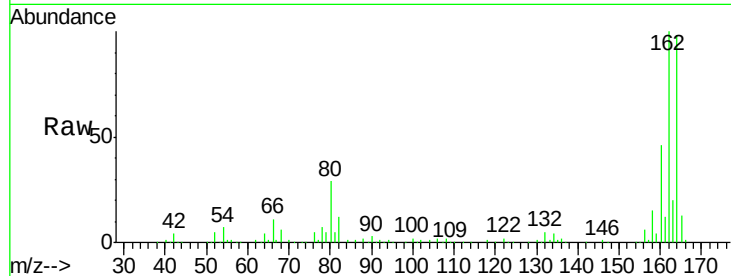




#50
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.21 min
Lab File: BF088586.D
Acq: 1 Jul 2016 20:43

Instrument :
BNA_F
ClientSampleId :
H2-4-SP-C

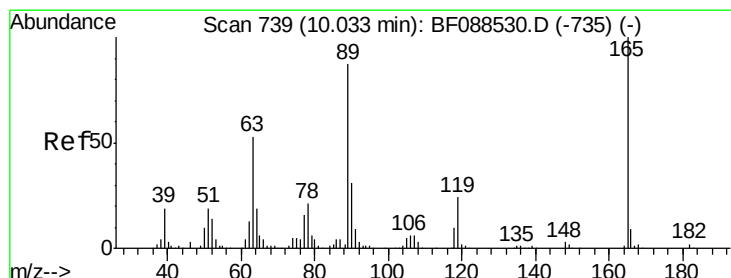
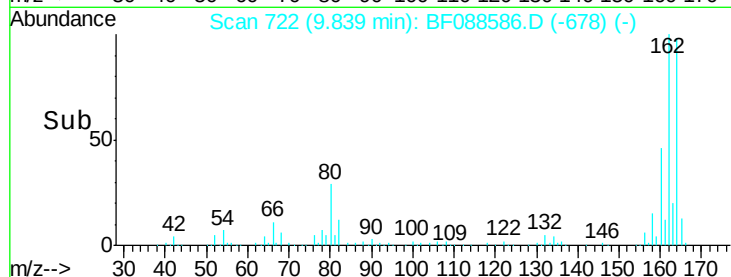
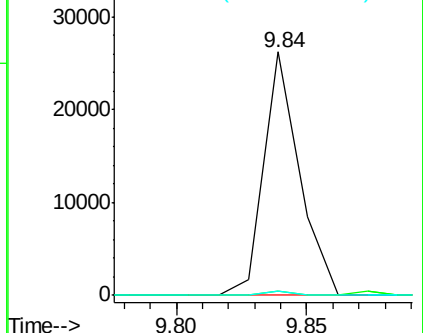
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.1	42.1#
89	1.9	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF088586.D
Acq: 1 Jul 2016 20:43

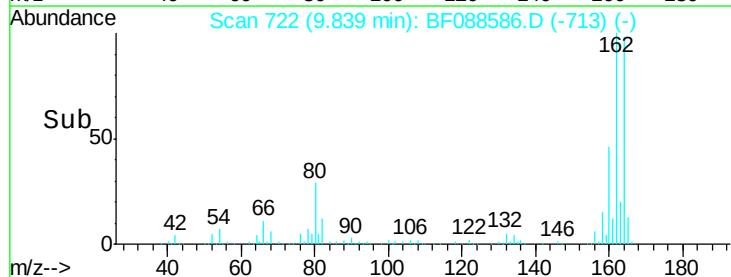
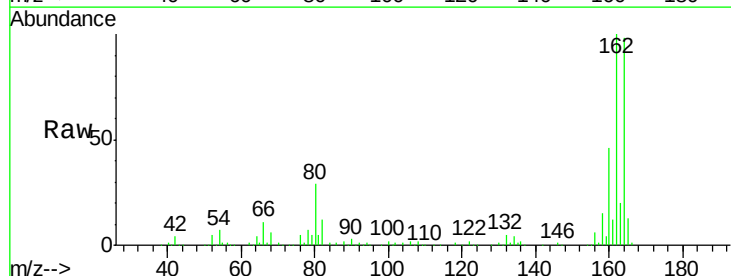
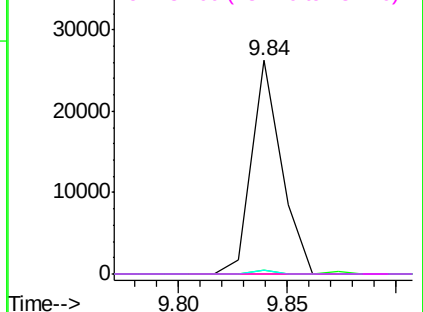
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#

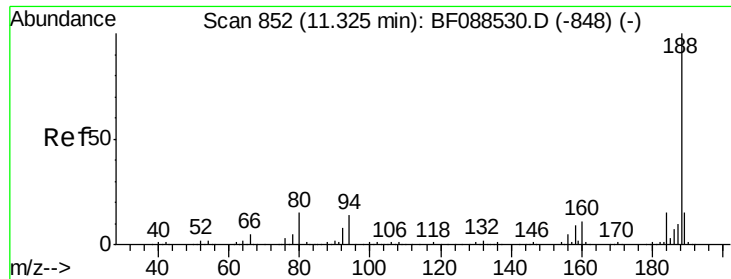
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

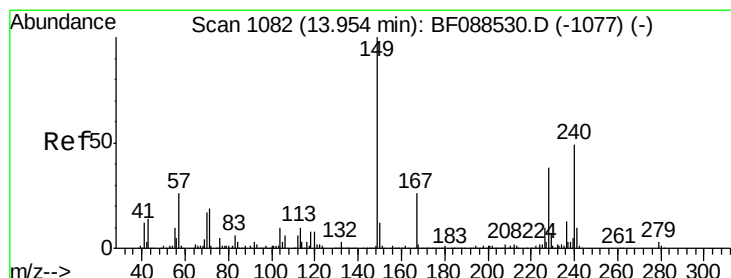
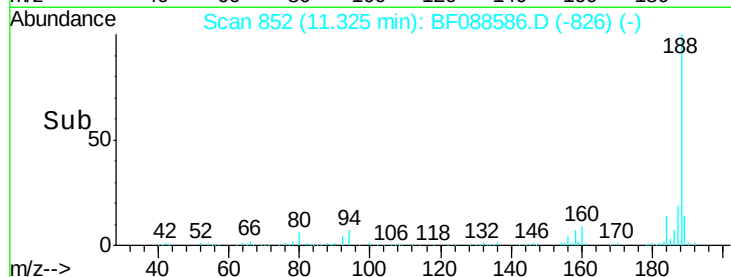
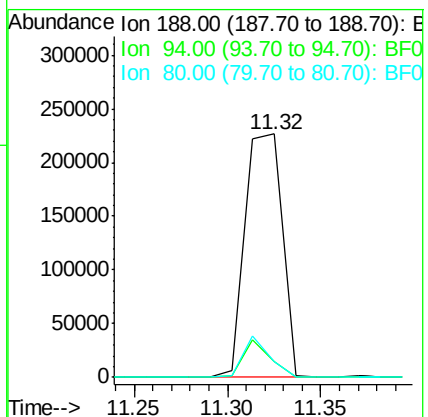
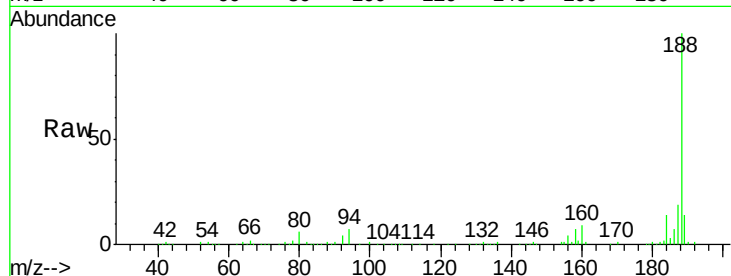




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088586.D
Acq: 1 Jul 2016 20:43

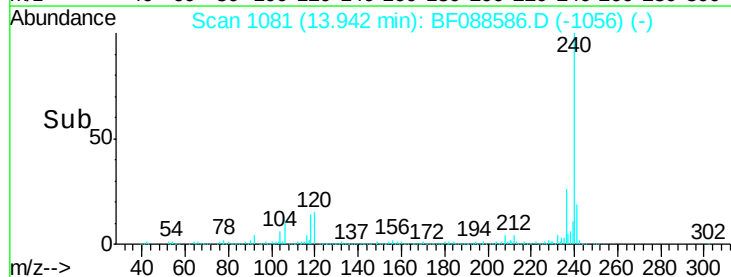
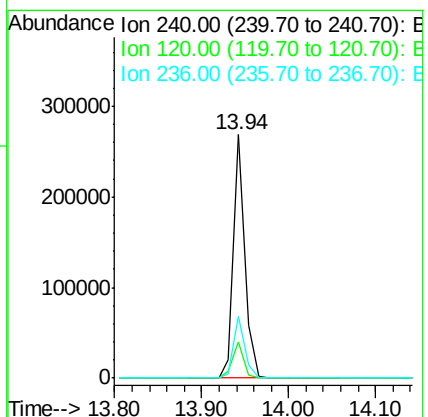
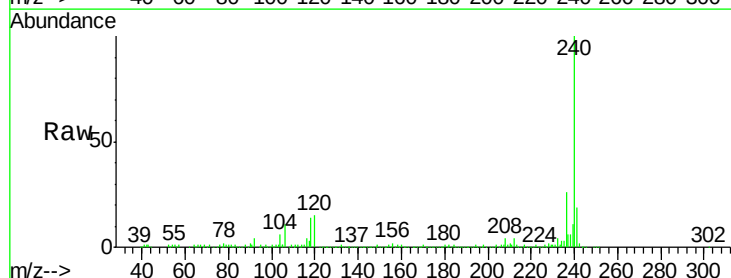
Instrument :
BNA_F
ClientSampleId :
H2-4-SP-C

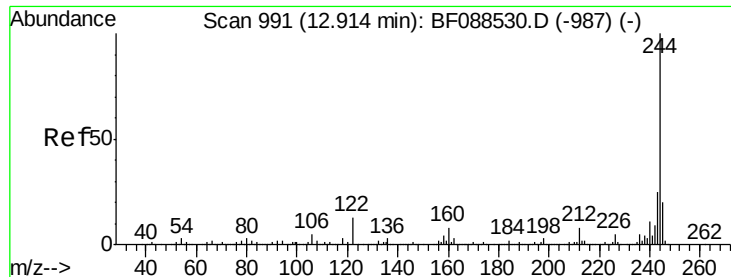
Tgt Ion:188 Resp: 313832
Ion Ratio Lower Upper
188 100
94 6.5 9.0 13.6#
80 6.4 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088586.D
Acq: 1 Jul 2016 20:43

Tgt Ion:240 Resp: 241836
Ion Ratio Lower Upper
240 100
120 15.1 6.8 10.2#
236 25.6 20.2 30.2





#78

Terphenyl-d14

Concen: 5.27 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088586.D

Acq: 1 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

H2-4-SP-C

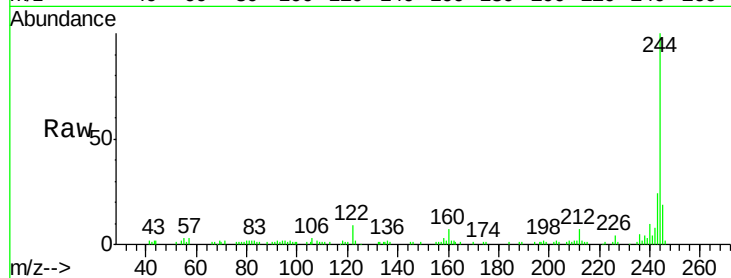
Tgt Ion:244 Resp: 57180

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

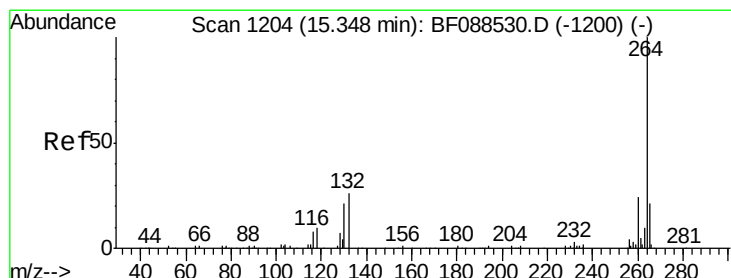
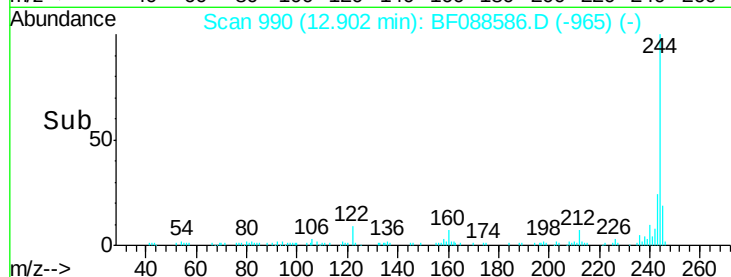
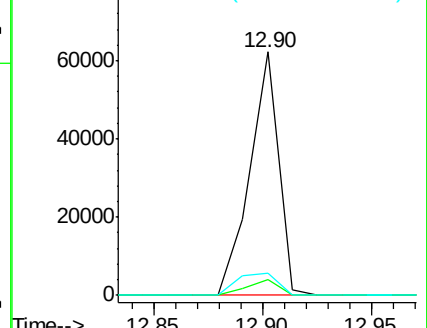
122 9.3 11.2 16.8#



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: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088586.D

Acq: 1 Jul 2016 20:43

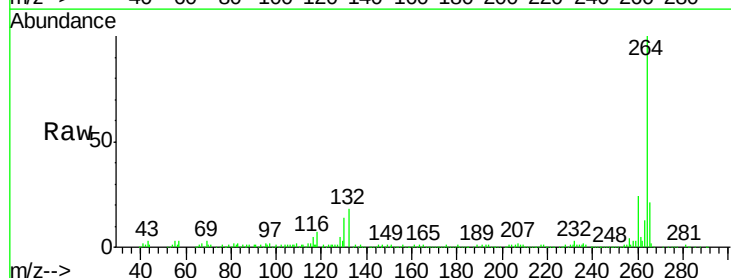
Tgt Ion:264 Resp: 201822

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.2 16.9 25.3



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

