

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087527.D
 Acq On : 29 May 2016 23:57
 Operator : UM/SJ
 Sample : H3222-12
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: May 30 07:11:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

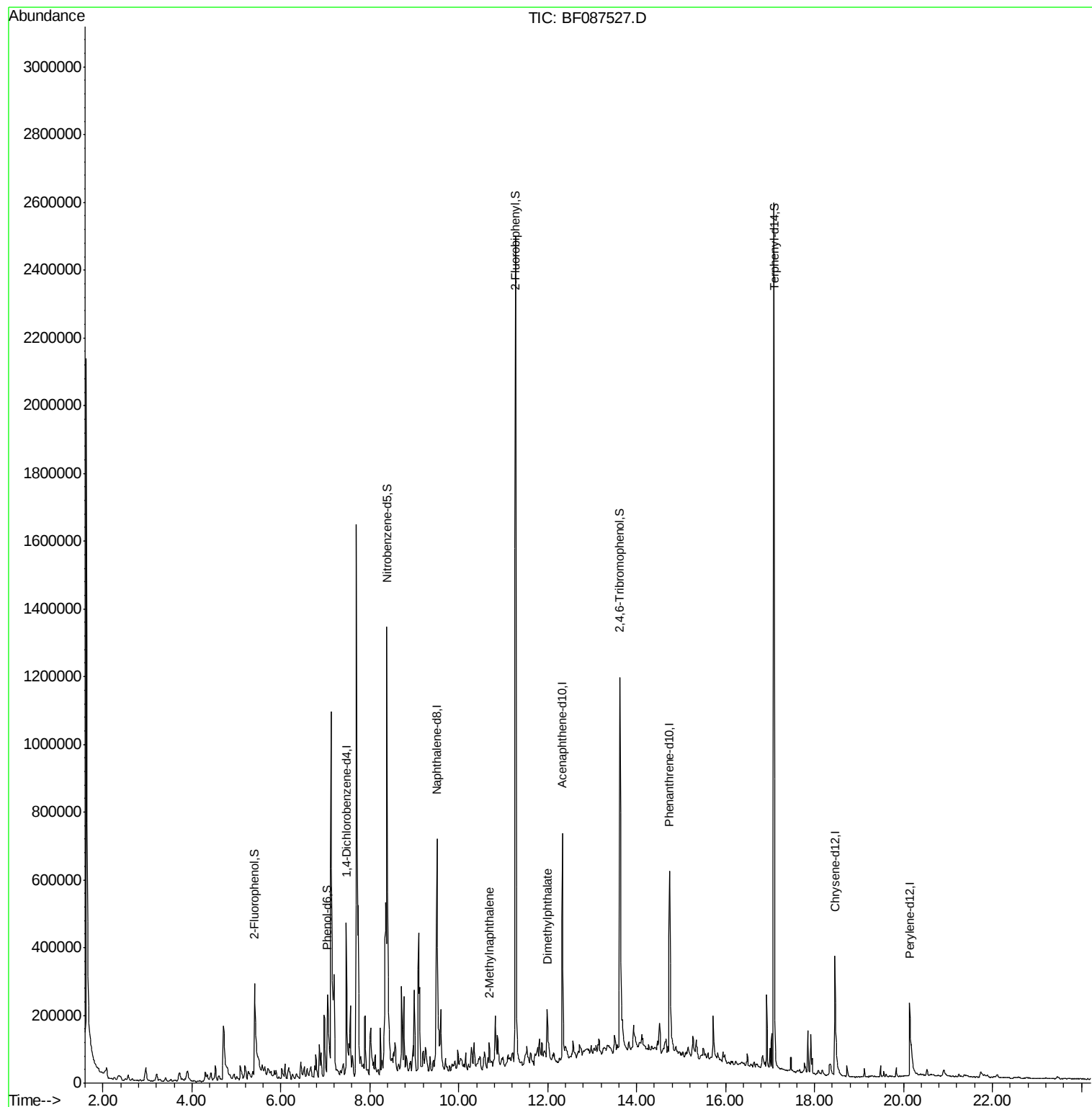
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	102138	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	413725	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	196606	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	371899	20.00	ng	0.00
75) Chrysene-d12	18.46	240	267949	20.00	ng	0.01
86) Perylene-d12	20.14	264	208469	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	239800	41.25	ng	0.03
7) Phenol-d6	7.05	99	213410	27.17	ng	0.01
23) Nitrobenzene-d5	8.39	82	626503	76.32	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	182427	96.56	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1035593	74.26	ng	-0.01
78) Terphenyl-d14	17.09	244	885322	70.24	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	10.68	142	35608	2.75	ng	Qvalue # 95
49) Dimethylphthalate	11.99	163	96479	6.13	ng	98

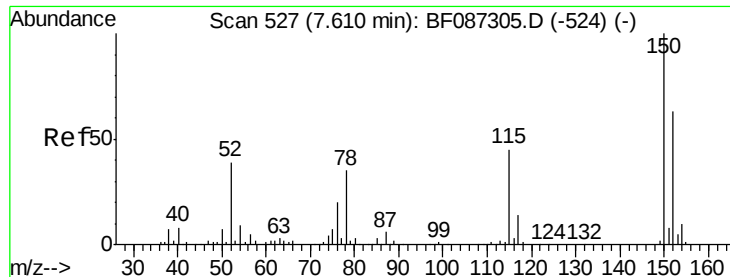
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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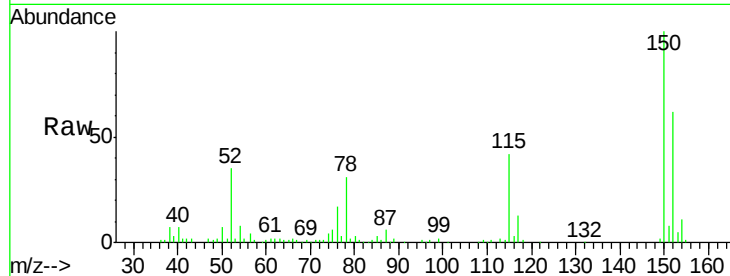


#1

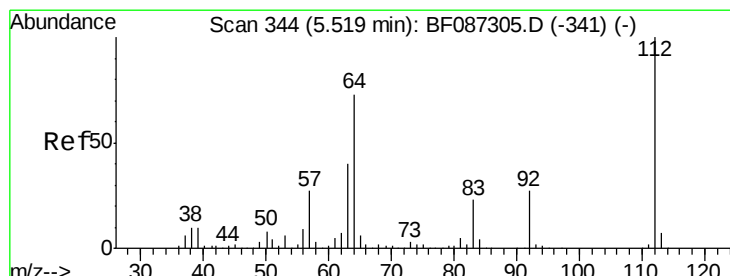
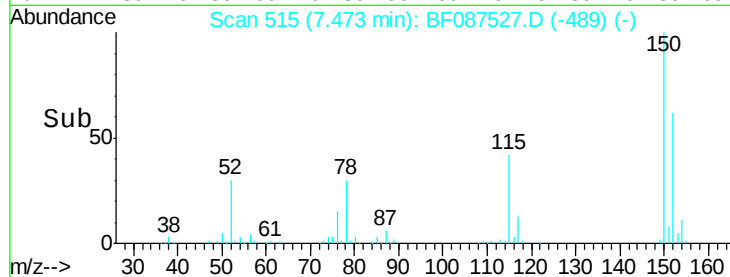
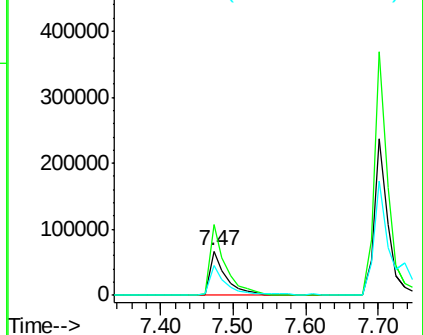
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF087527.D
 Acq: 29 May 2016 23:57

Instrument :
 BNA_F
 ClientSampled :
 MW-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.8	188.6
115	66.7	51.5	77.3



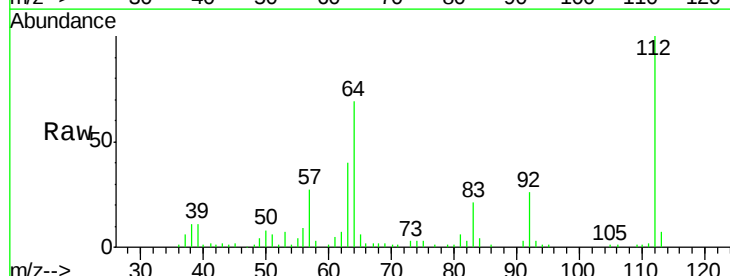
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



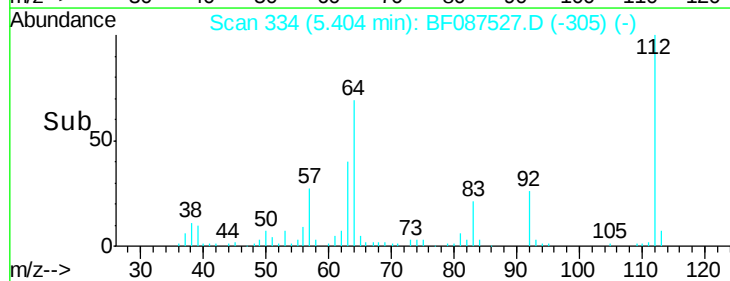
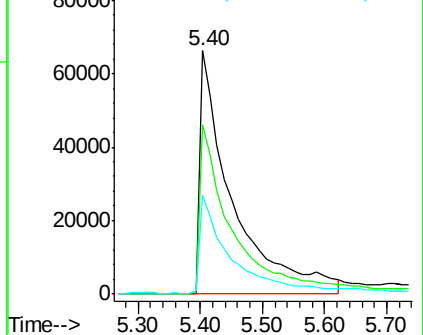
#5

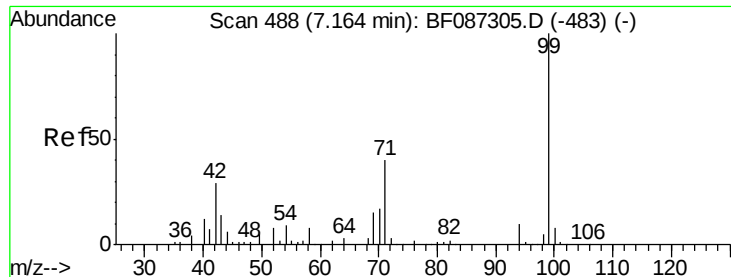
2-Fluorophenol
 Concen: 41.25 ng
 RT: 5.40 min Scan# 334
 Delta R.T. 0.03 min
 Lab File: BF087527.D
 Acq: 29 May 2016 23:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	52.1	78.1
63	40.4	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: 27.17 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

MW-11

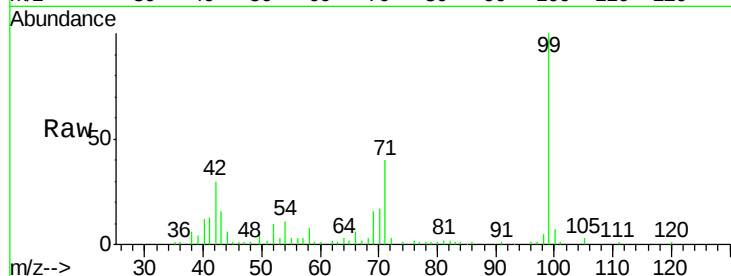
Tot Ion: 99 Resp: 213410

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

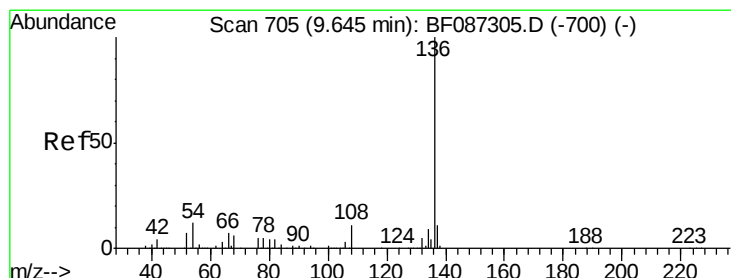
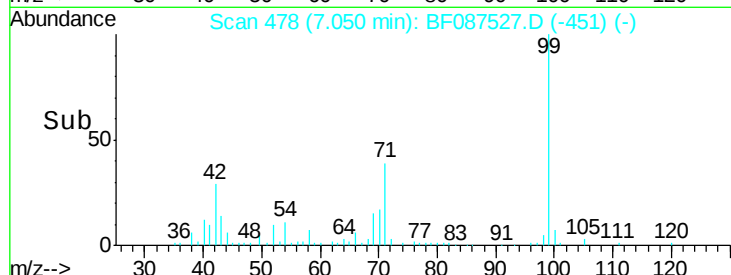
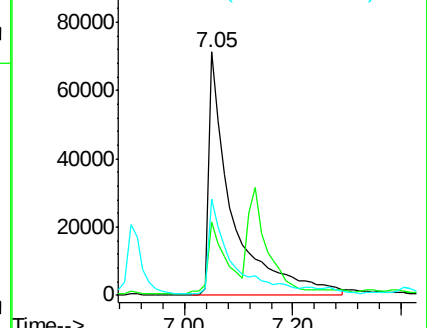
71 39.7 24.6 36.8#



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: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

Tgt Ion: 136 Resp: 413725

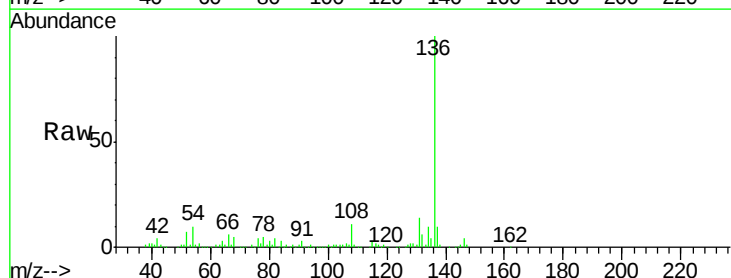
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.5 5.0 7.4#

68 5.1 4.4 6.6

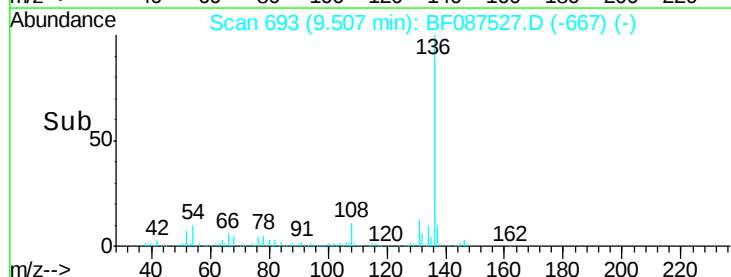
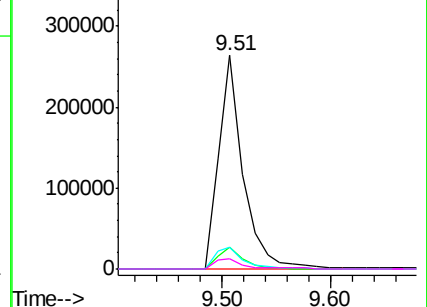


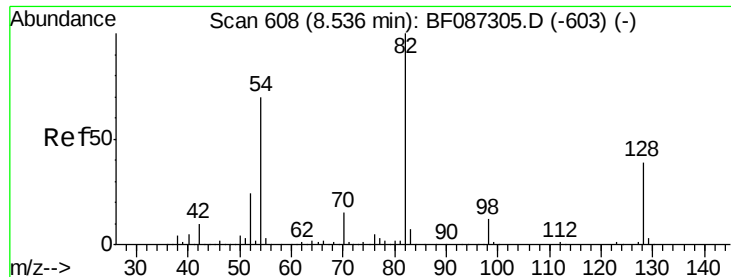
Abundance Ion 136.00 (135.70 to 136.70): E

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

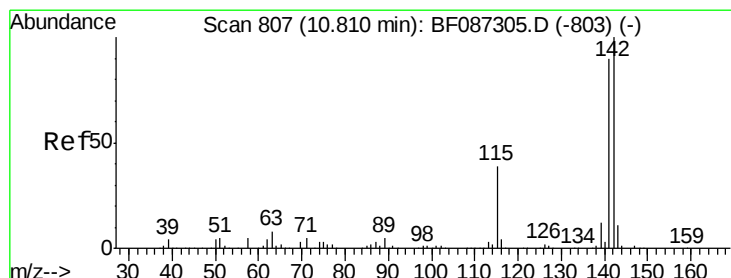
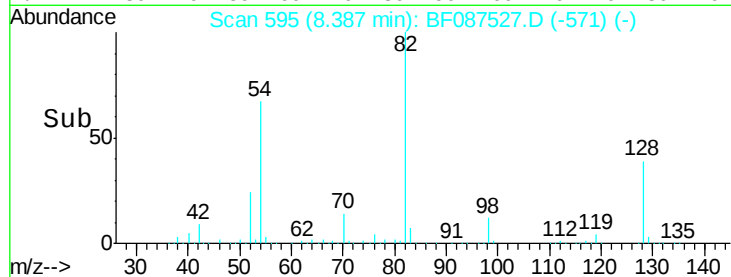
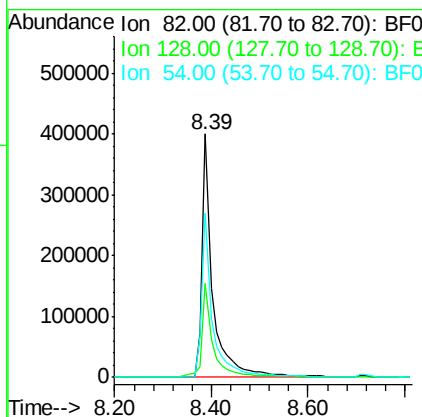
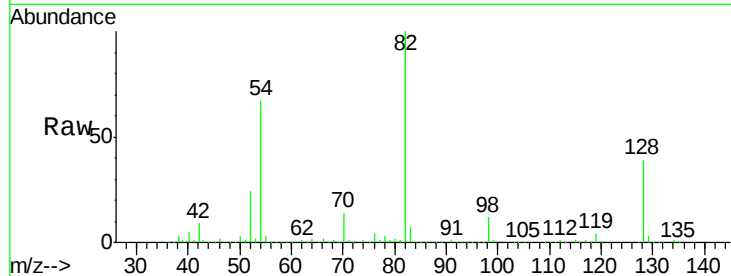




#23
Nitrobenzene-d5
Concen: 76.32 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF087527.D
Acq: 29 May 2016 23:57

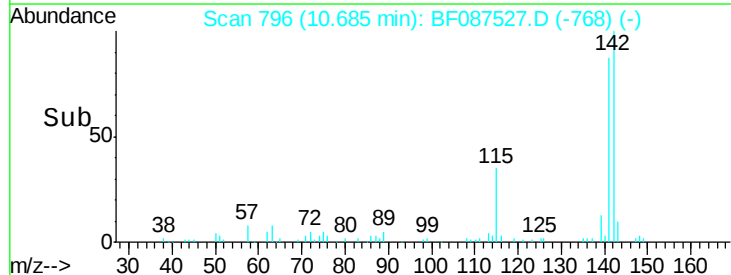
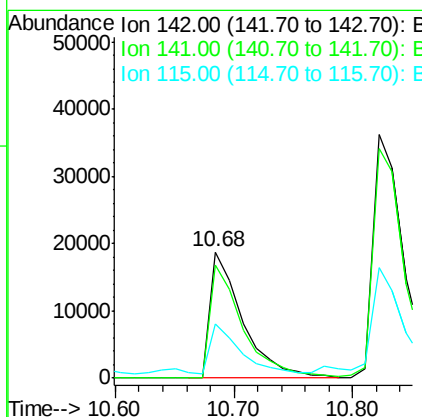
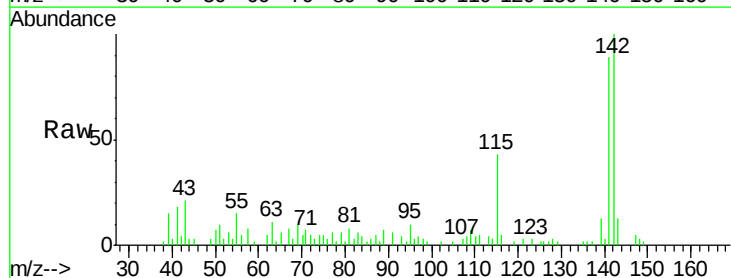
Instrument :
BNA_F
ClientSampleId :
MW-11

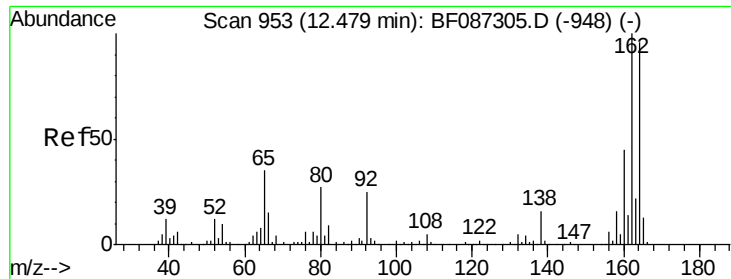
Tot Ion: 82 Resp: 626503
Ion Ratio Lower Upper
82 100
128 38.8 40.6 61.0#
54 67.4 38.1 57.1#



#37
2-Methylnaphthalene
Concen: 2.75 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.02 min
Lab File: BF087527.D
Acq: 29 May 2016 23:57

Tgt Ion: 142 Resp: 35608
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 42.9 26.6 39.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

MW-11

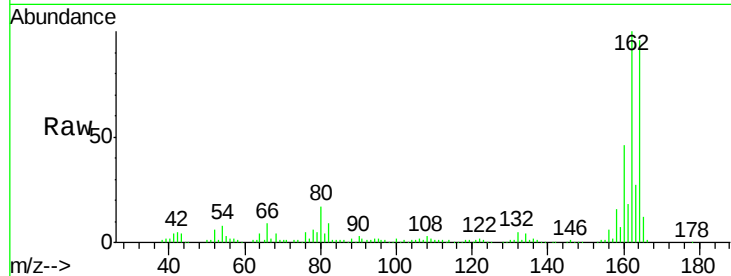
Tot Ion:164 Resp: 196606

Ion Ratio Lower Upper

164 100

162 104.2 82.8 124.2

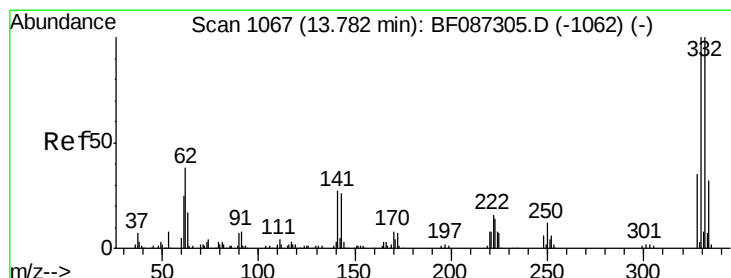
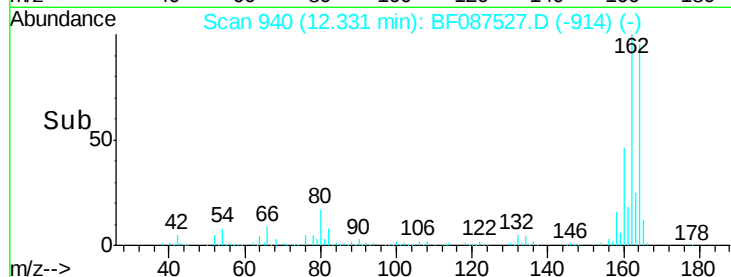
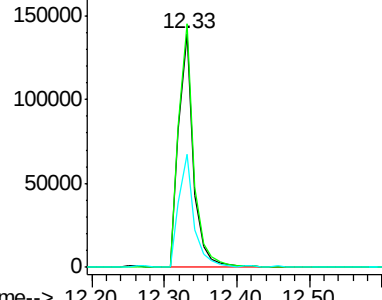
160 48.1 36.9 55.3



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: 96.56 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

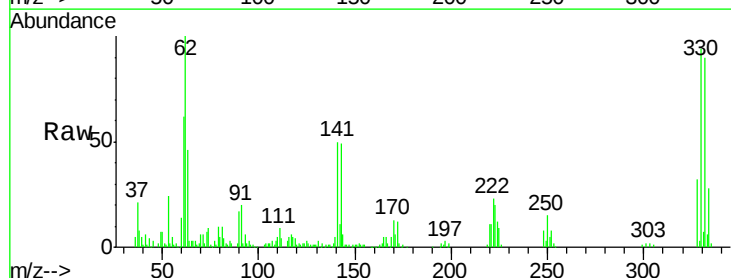
Tgt Ion:330 Resp: 182427

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

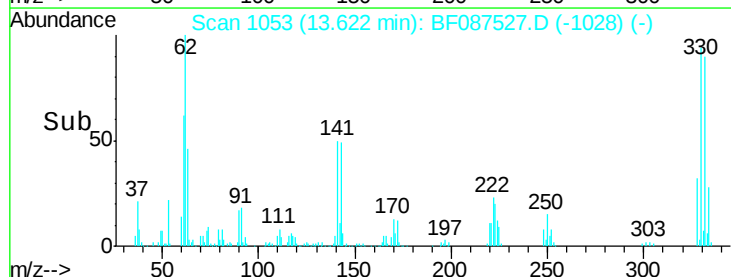
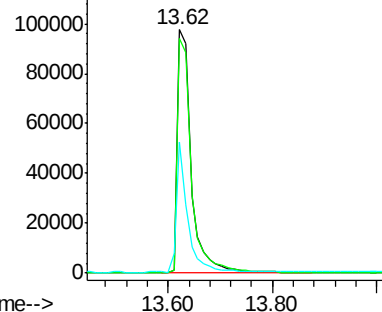
141 44.8 31.2 46.8

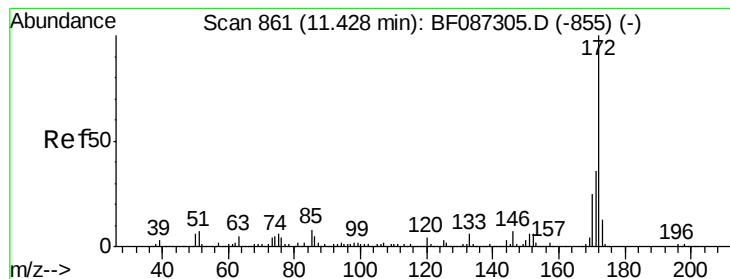


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 74.26 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

MW-11

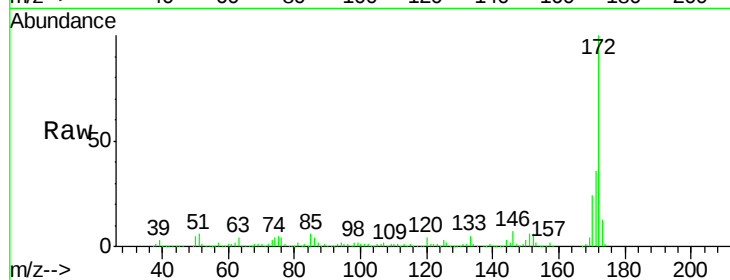
Tot Ion:172 Resp: 1035593

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

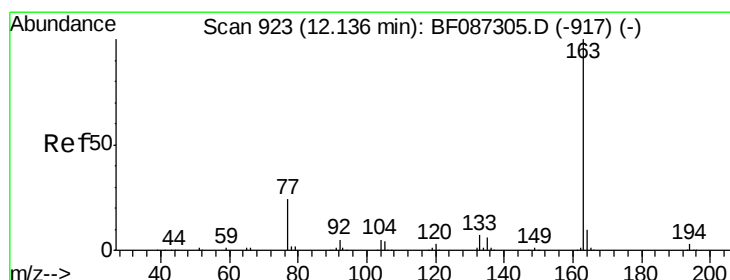
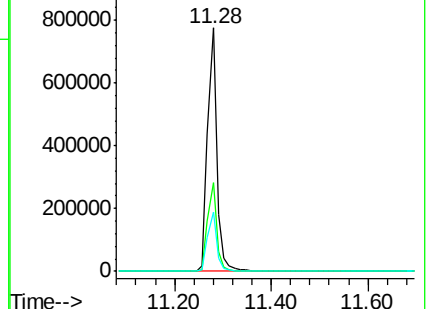
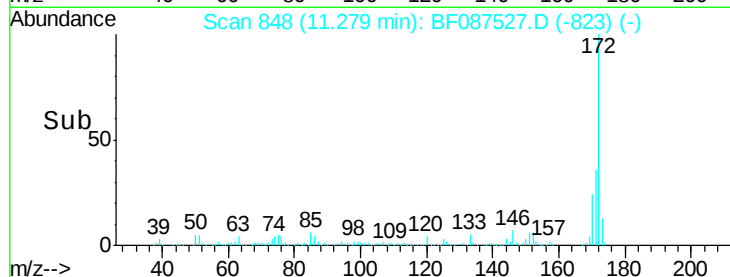
170 24.3 19.8 29.8



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: 6.13 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

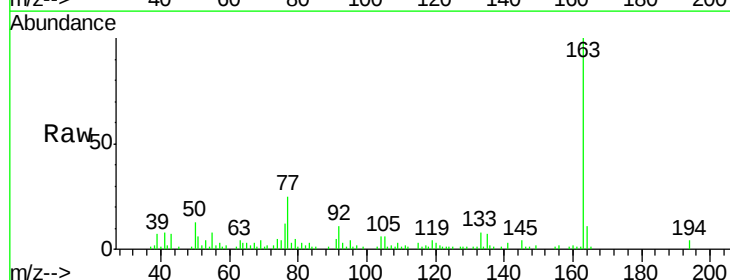
Tgt Ion:163 Resp: 96479

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

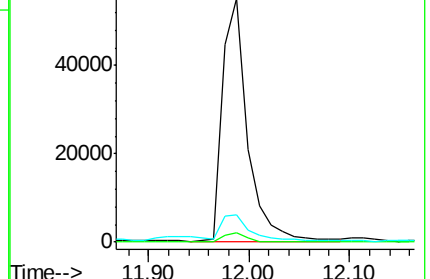
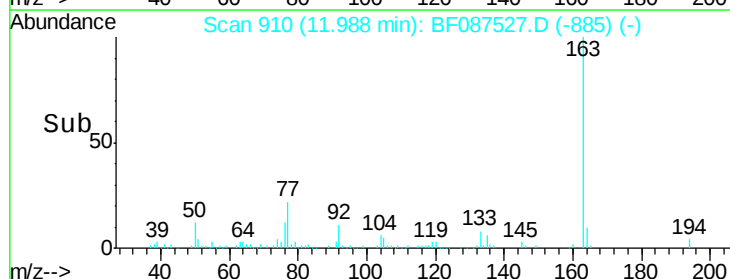
164 11.0 8.2 12.4

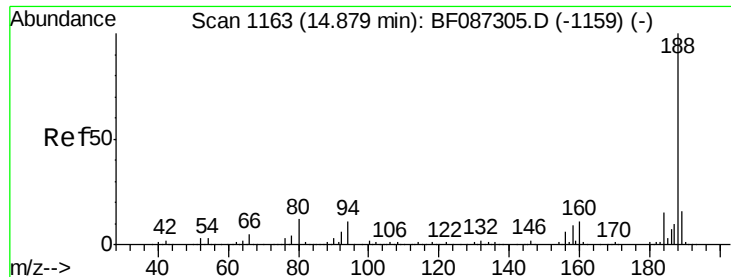


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

Instrument :

BNA_F

ClientSampled :

MW-11

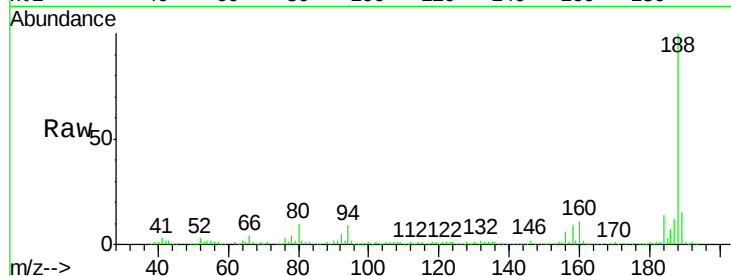
Tot Ion:188 Resp: 371899

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

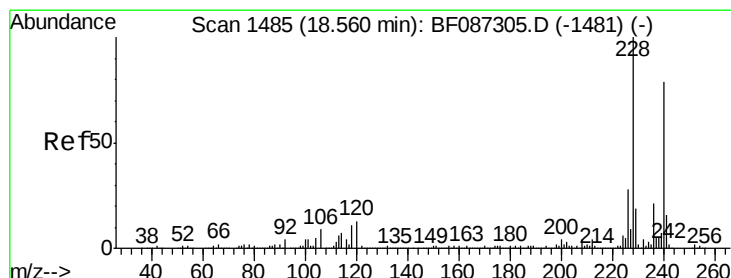
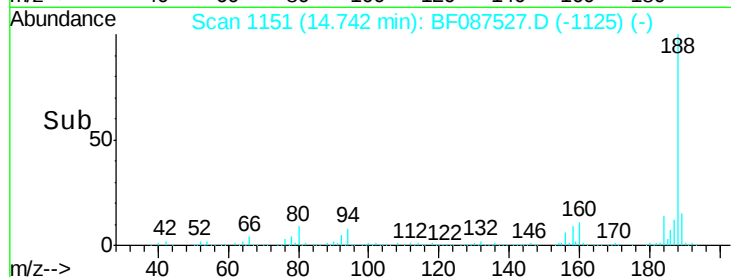
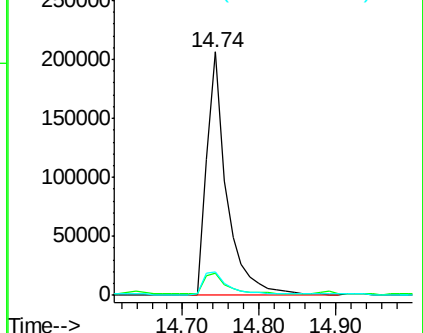
80 9.6 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

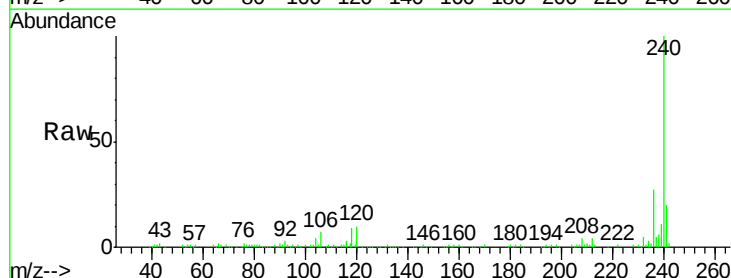
Tgt Ion:240 Resp: 267949

Ion Ratio Lower Upper

240 100

120 9.8 11.2 16.8#

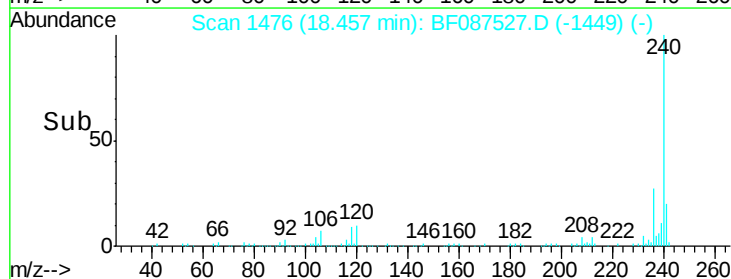
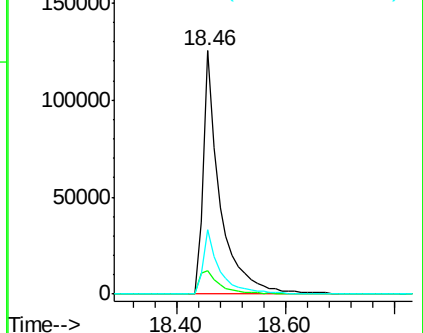
236 26.7 21.2 31.8

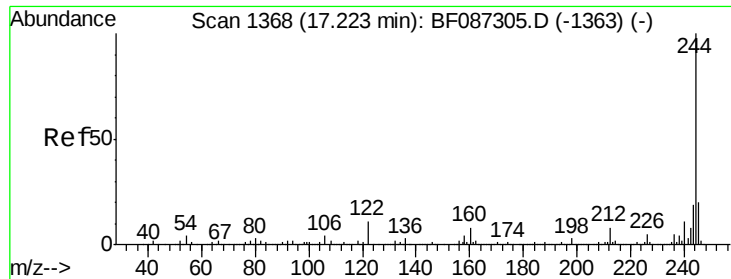


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.24 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

Instrument :

BNA_F

ClientSampled :

MW-11

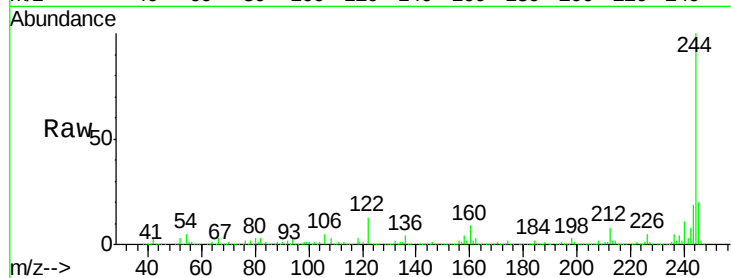
Tot Ion:244 Resp: 885322

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

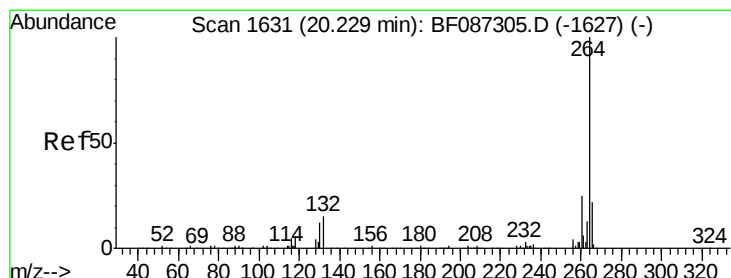
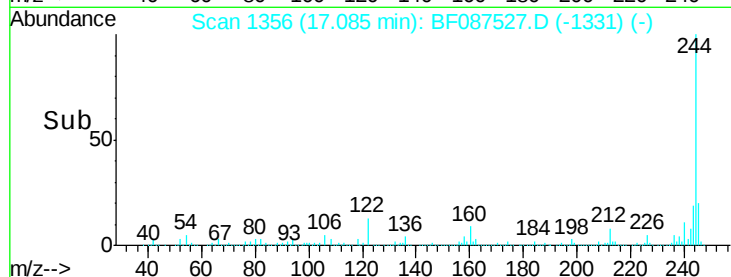
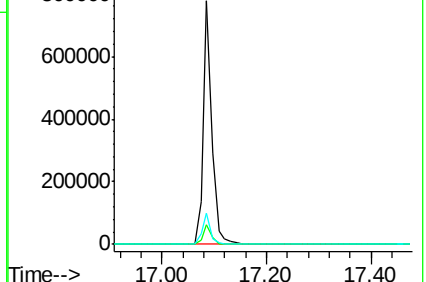
122 12.8 12.0 18.0



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: 20.14 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF087527.D

Acq: 29 May 2016 23:57

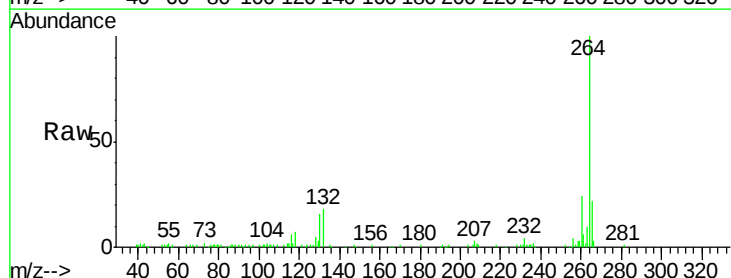
Tgt Ion:264 Resp: 208469

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.0 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

