

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084224.D
 Acq On : 1 Jan 2016 4:47
 Operator : UM/SJ
 Sample : G4981-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529

Quant Time: Jan 01 23:52:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

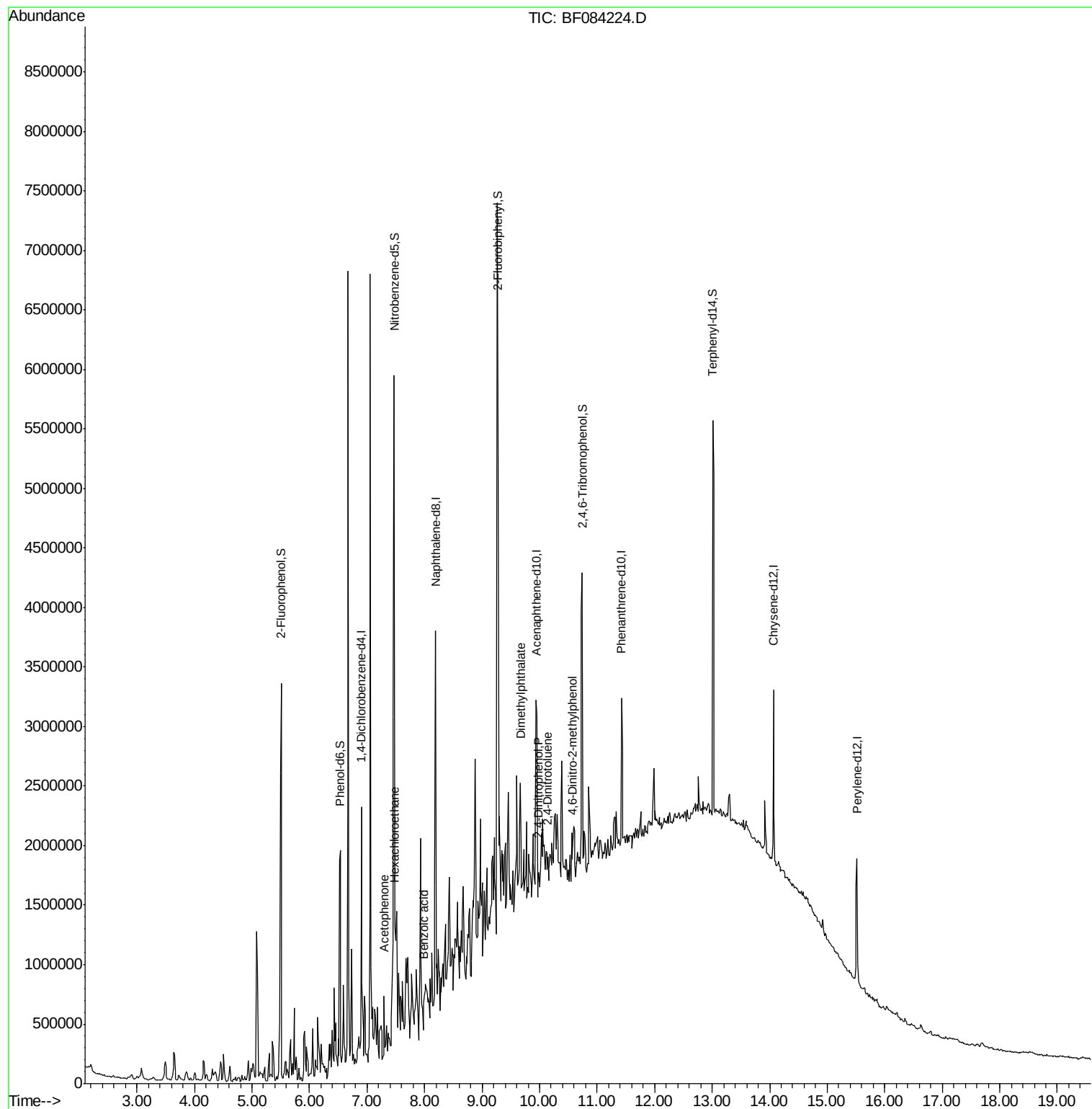
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	277414	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1104352	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	413987	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	581253	20.00	ng	0.00
75) Chrysene-d12	14.07	240	518477	20.00	ng	0.00
86) Perylene-d12	15.52	264	561567	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1107227	64.56	ng	0.01
7) Phenol-d6	6.53	99	861969	40.02	ng	0.00
23) Nitrobenzene-d5	7.47	82	1805396	90.98	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	456226	109.16	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2460298	106.12	ng	0.00
78) Terphenyl-d14	13.01	244	1528304	65.80	ng	0.00
Target Compounds						
18) Hexachloroethane	7.48	117	154433	19.19	ng	# 39
22) Acetophenone	7.30	105	92536	3.48	ng	# 57
32) Benzoic acid	7.98	122	16087	7.42	ng	# 48
49) Dimethylphthalate	9.66	163	256418	8.66	ng	# 90
53) 2,4-Dinitrophenol	9.97	184	1261	3.99	ng	# 1
54) Dibenzofuran	10.14	168	5502	Below Cal	#	1
56) 2,4-Dinitrotoluene	10.13	165	34284	4.17	ng	# 44
57) Fluorene	10.49	166	5964	Below Cal	#	22
60) 4-Chlorophenyl-phenylether	10.46	204	2425	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	10.57	198	1497	6.73	ng	# 1
73) Di-n-butylphthalate	12.00	149	26670	Below Cal	#	51

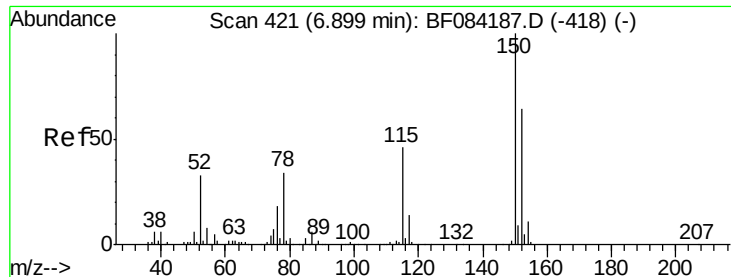
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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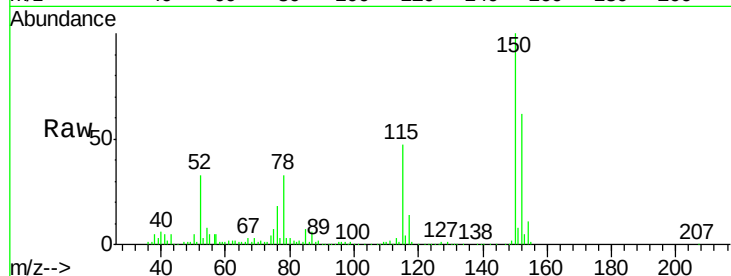


#1

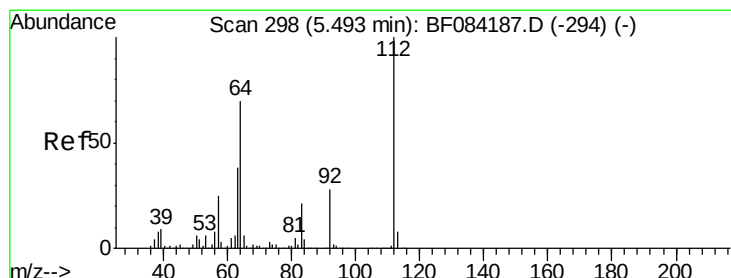
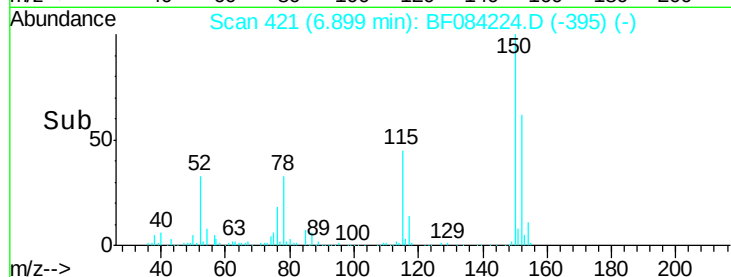
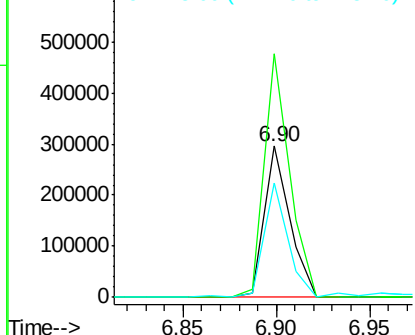
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:152 Resp: 277414
Ion Ratio Lower Upper
152 100
150 160.9 123.0 184.4
115 75.6 51.4 77.2



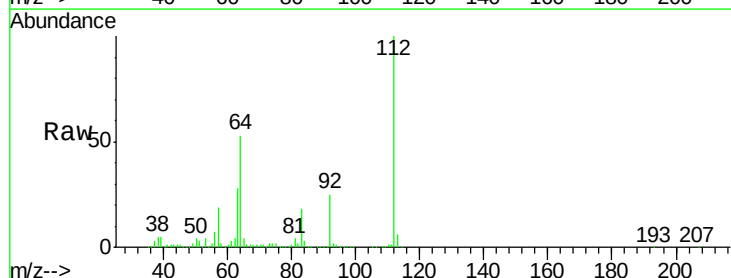
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



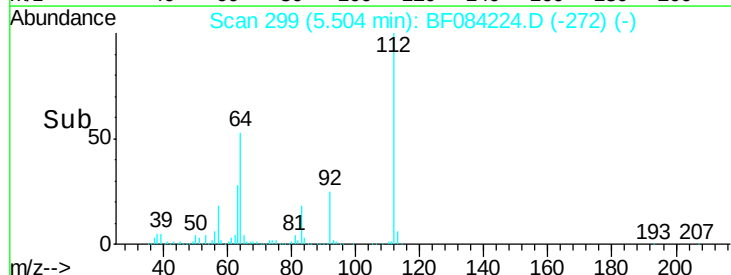
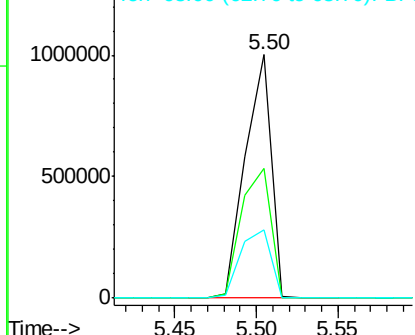
#5

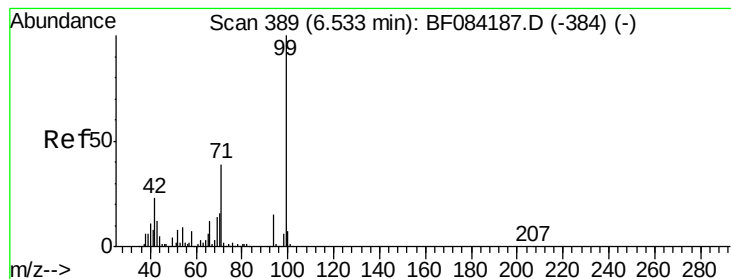
2-Fluorophenol
Concen: 64.56 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

Tgt Ion:112 Resp: 1107227
Ion Ratio Lower Upper
112 100
64 53.2 36.6 55.0
63 27.9 19.4 29.0



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: 40.02 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

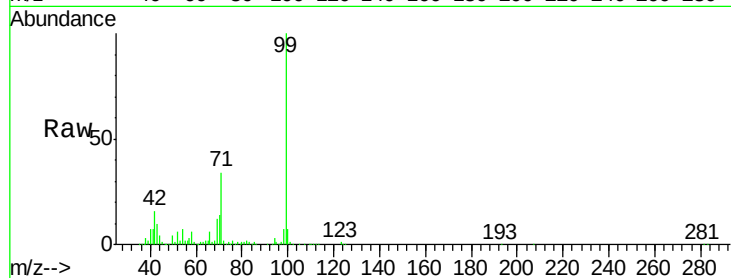
Tgt Ion: 99 Resp: 861969

Ion Ratio Lower Upper

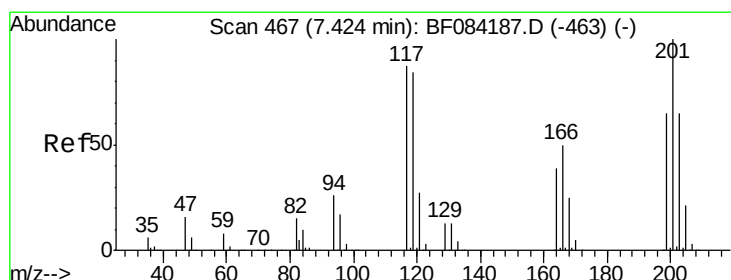
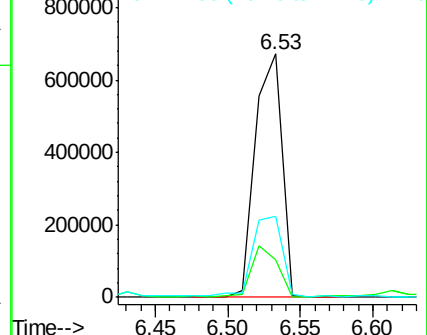
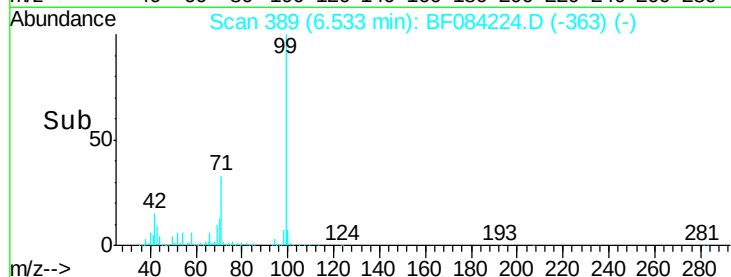
99 100

42 15.6 12.8 19.2

71 33.5 30.9 46.3



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



#18

Hexachloroethane

Concen: 19.19 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.06 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

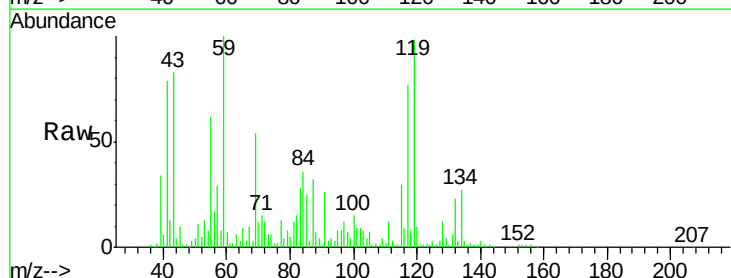
Tgt Ion: 117 Resp: 154433

Ion Ratio Lower Upper

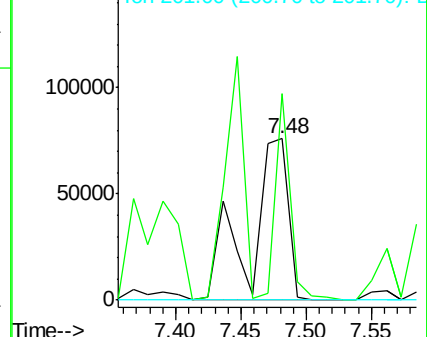
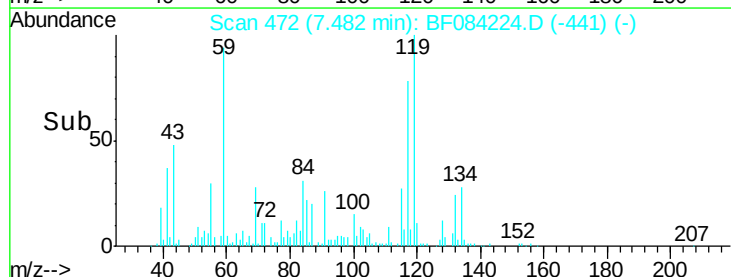
117 100

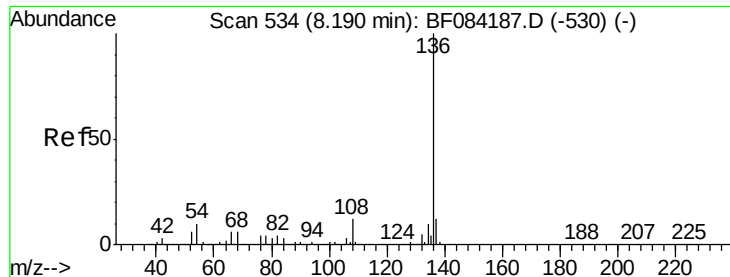
119 128.0 77.4 116.0#

201 0.0 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

Tgt Ion:136 Resp: 1104352

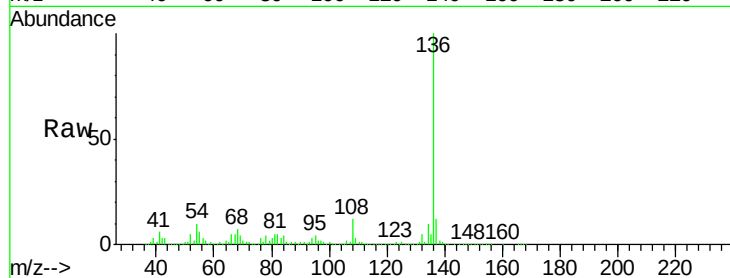
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 10.4 5.8 8.8#

68 6.9 4.2 6.2#

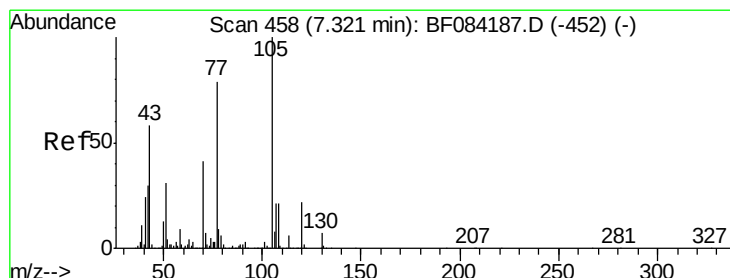
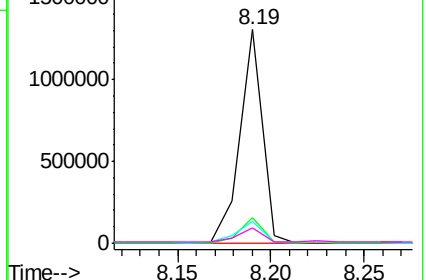
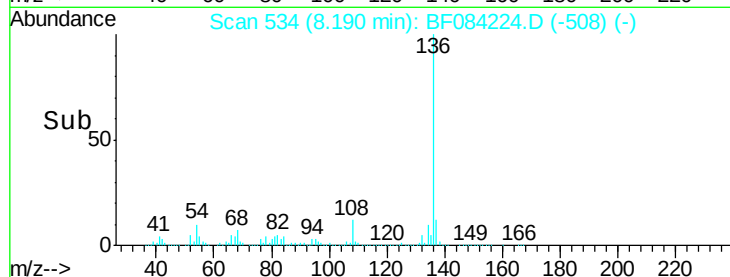


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 3.48 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Tgt Ion:105 Resp: 92536

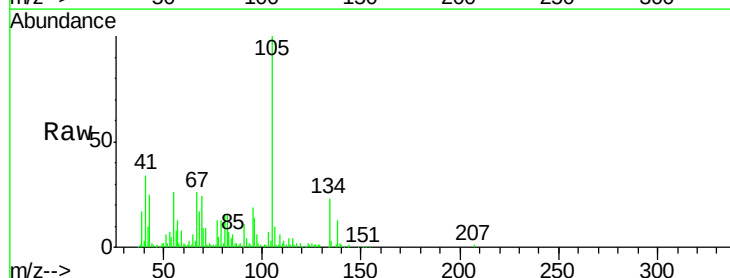
Ion Ratio Lower Upper

105 100

71 9.0 3.7 5.5#

51 5.9 25.1 37.7#

120 0.3 16.6 25.0#

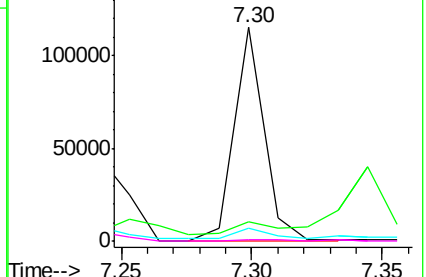
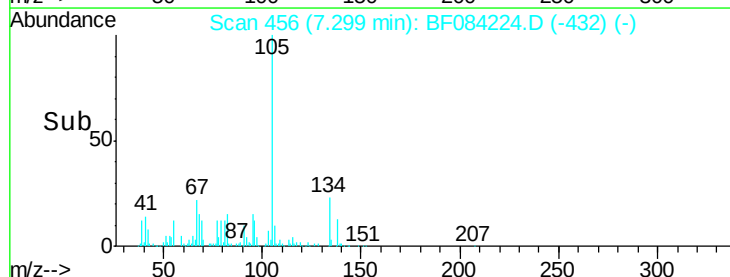


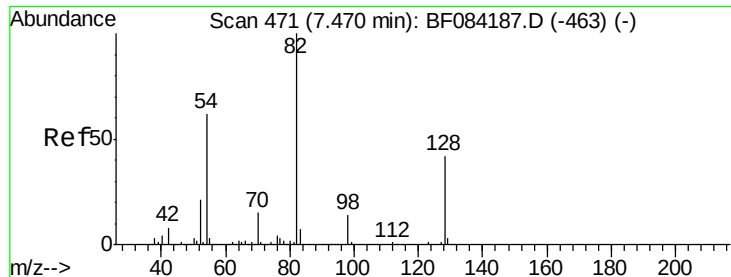
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

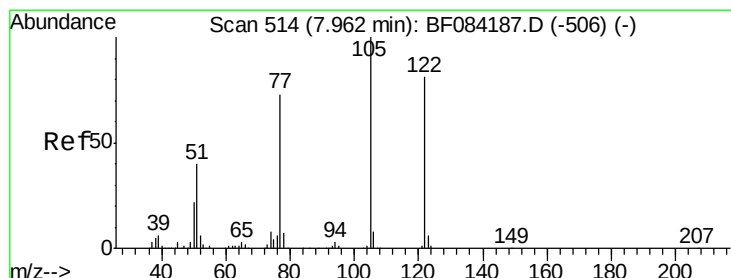
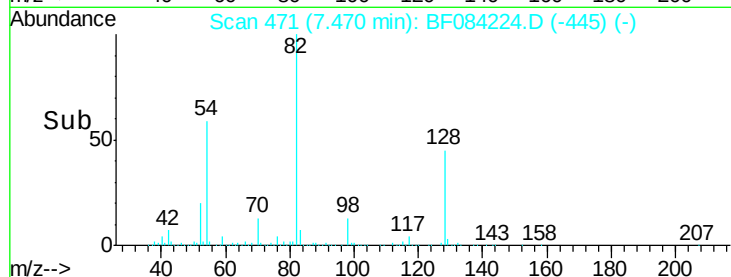
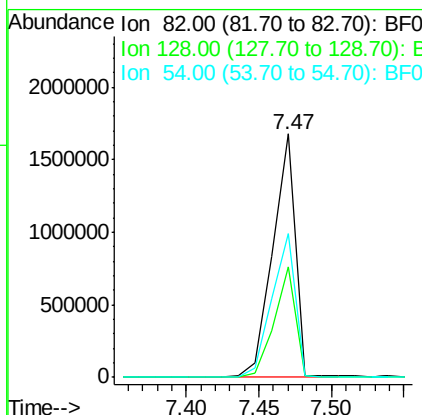
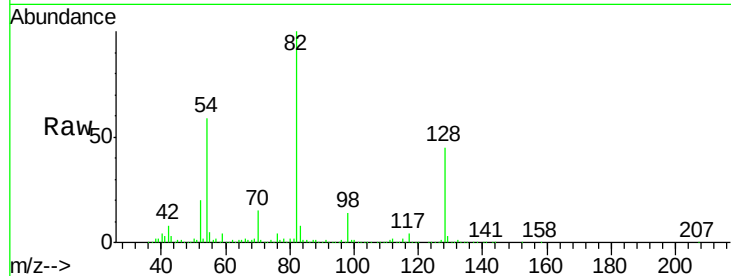




#23
Nitrobenzene-d5
Concen: 90.98 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

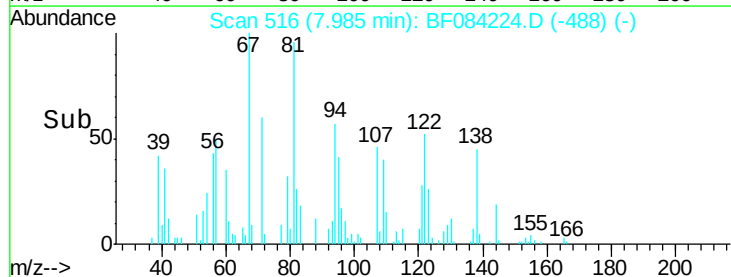
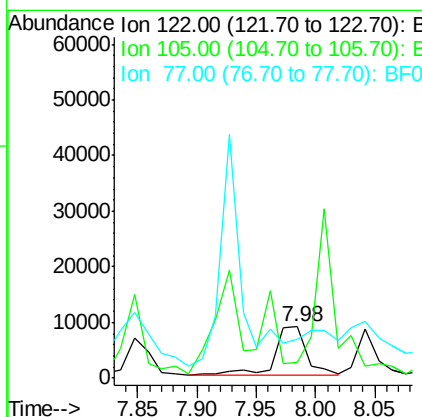
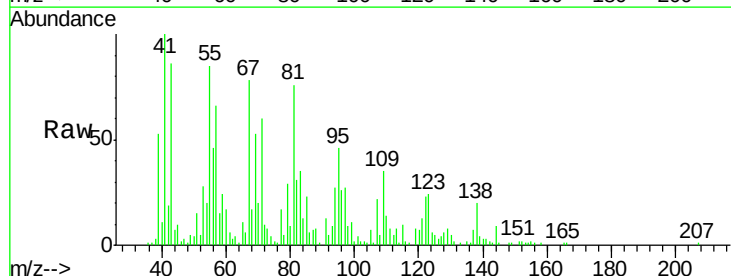
Instrument :
BNA_F
ClientSampleId :
S8-0529

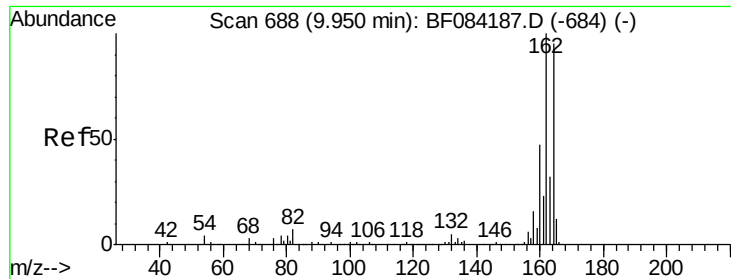
Tgt Ion: 82 Resp: 1805396
Ion Ratio Lower Upper
82 100
128 45.3 34.6 51.8
54 59.2 38.4 57.6#



#32
Benzoic acid
Concen: 7.42 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.02 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

Tgt Ion: 122 Resp: 16087
Ion Ratio Lower Upper
122 100
105 29.6 100.3 140.3#
77 74.5 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

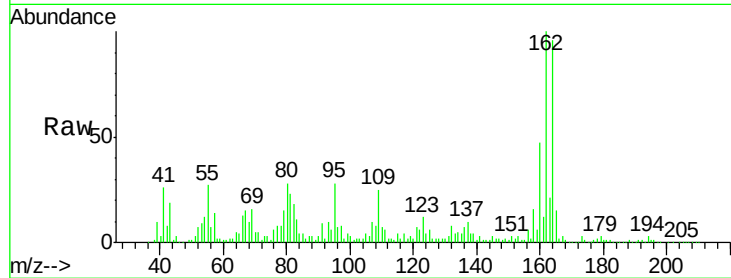
Tgt Ion:164 Resp: 413987

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

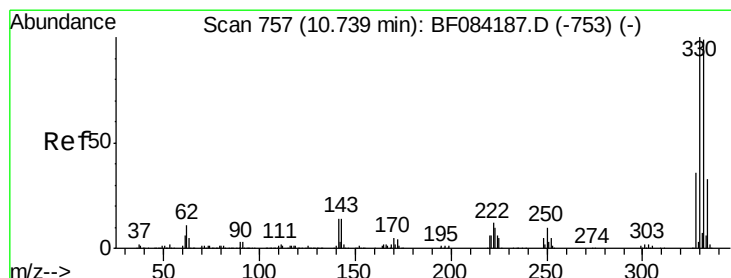
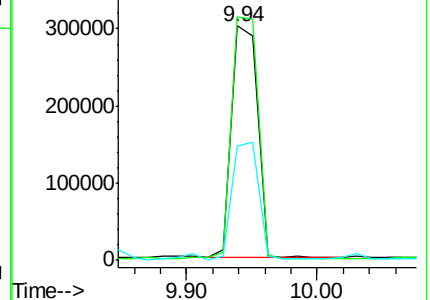
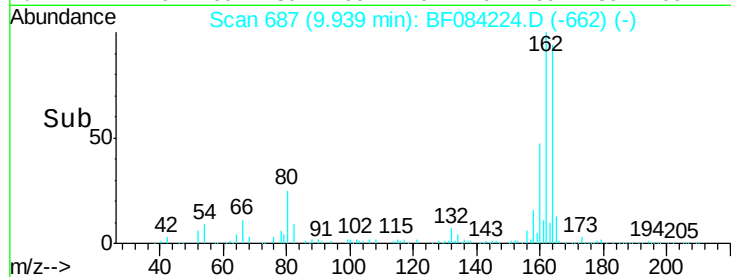
160 48.5 37.5 56.3



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: 109.16 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

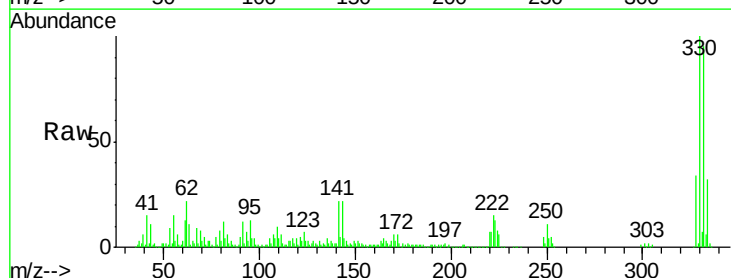
Tgt Ion:330 Resp: 456226

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

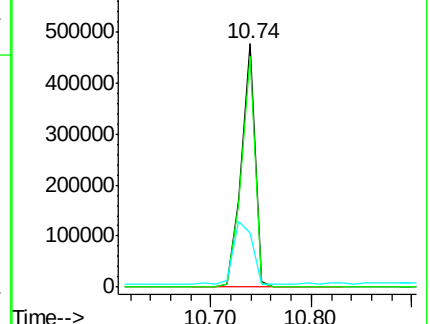
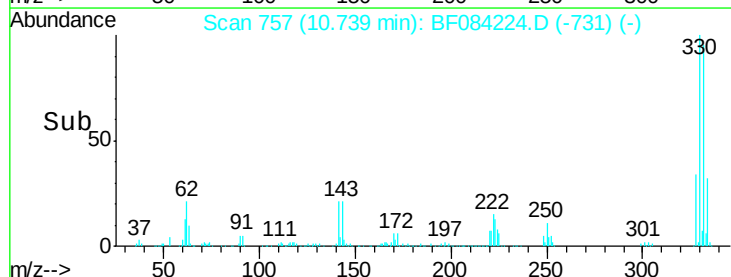
141 36.5 27.8 41.6

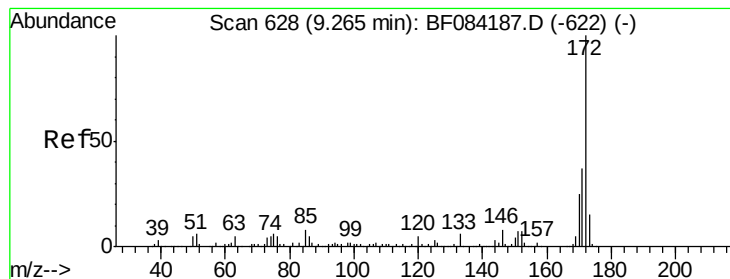


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 106.12 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

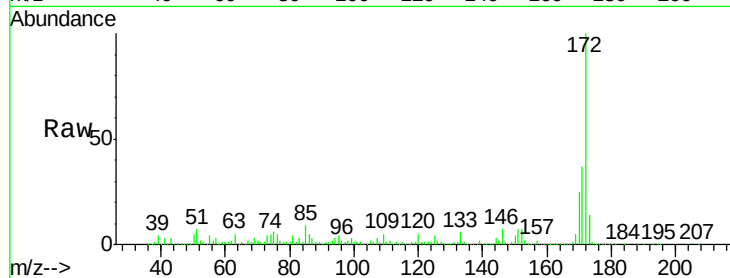
Tgt Ion:172 Resp: 2460298

Ion Ratio Lower Upper

172 100

171 36.9 28.9 43.3

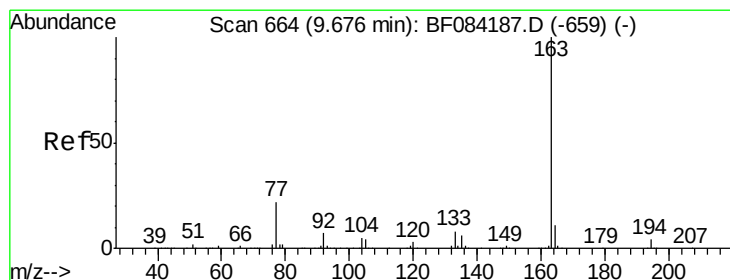
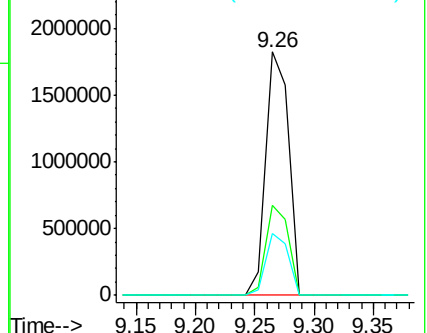
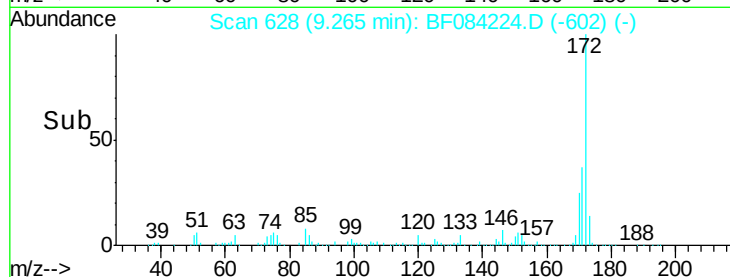
170 25.2 18.6 27.8



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: 8.66 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

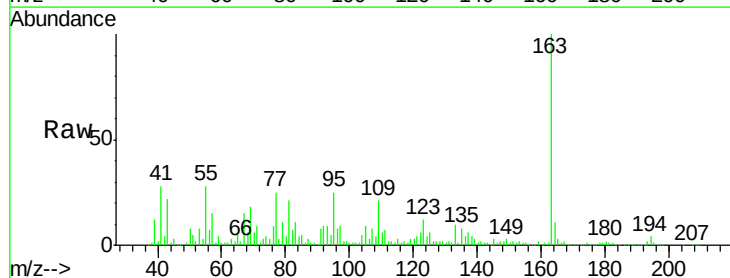
Tgt Ion:163 Resp: 256418

Ion Ratio Lower Upper

163 100

194 4.2 8.0 12.0#

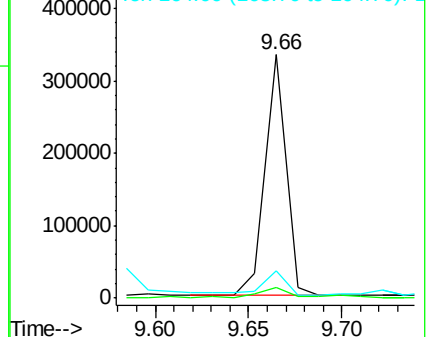
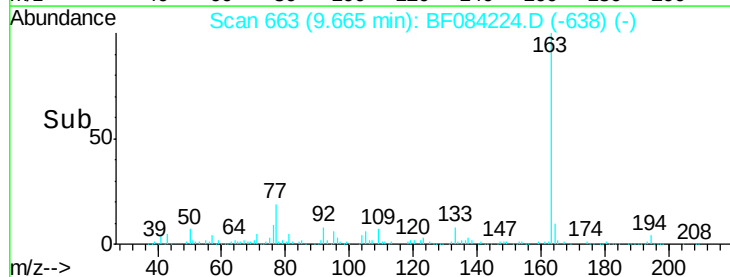
164 11.4 8.0 12.0

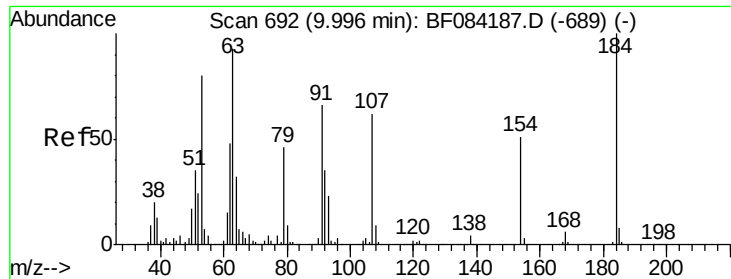


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

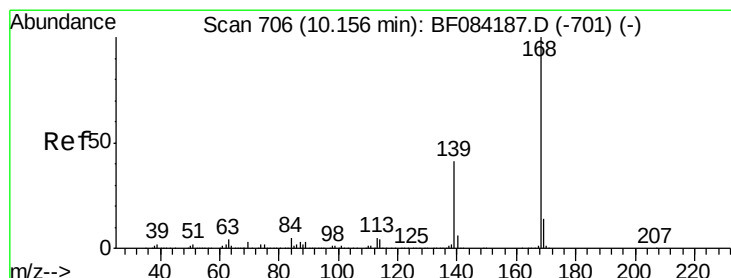
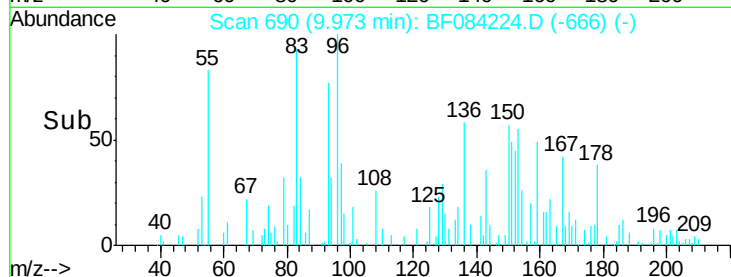
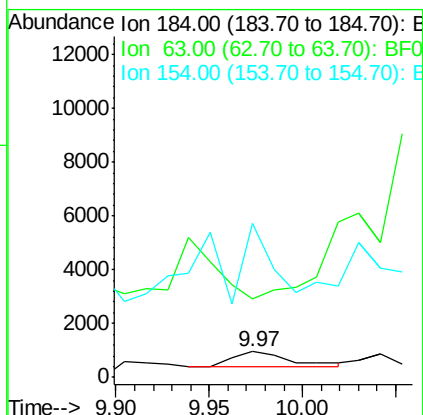
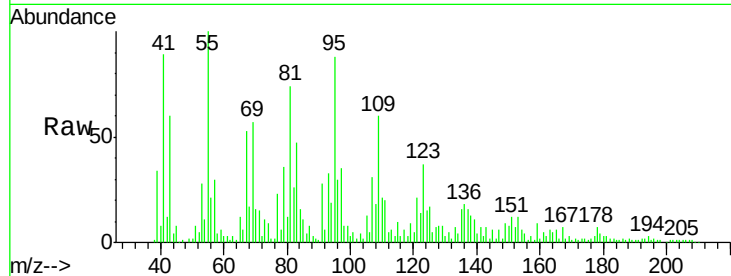




#53
 2,4-Dinitrophenol
 Concen: 3.99 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: BF084224.D
 Acq: 1 Jan 2016 4:47

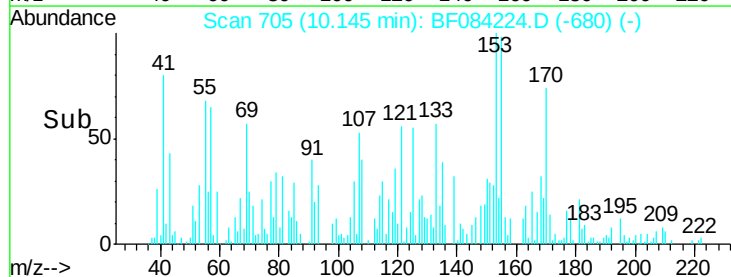
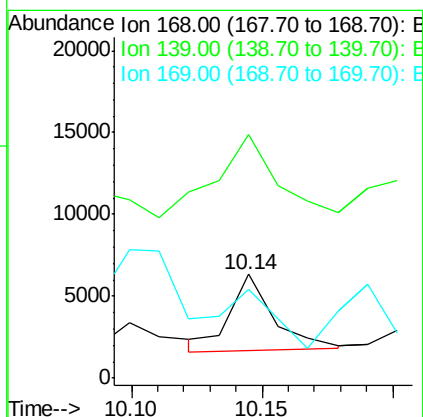
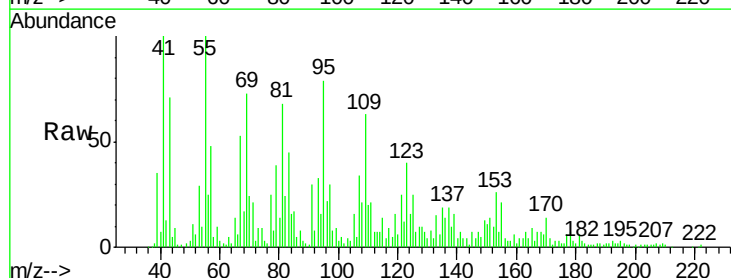
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529

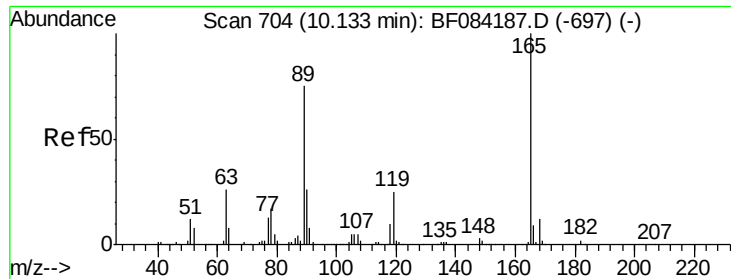
Tgt Ion:184 Resp: 1261
 Ion Ratio Lower Upper
 184 100
 63 307.7 43.1 64.7#
 154 599.9 60.5 90.7#



#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF084224.D
 Acq: 1 Jan 2016 4:47

Tgt Ion:168 Resp: 5502
 Ion Ratio Lower Upper
 168 100
 139 234.1 30.5 45.7#
 169 85.7 10.4 15.6#

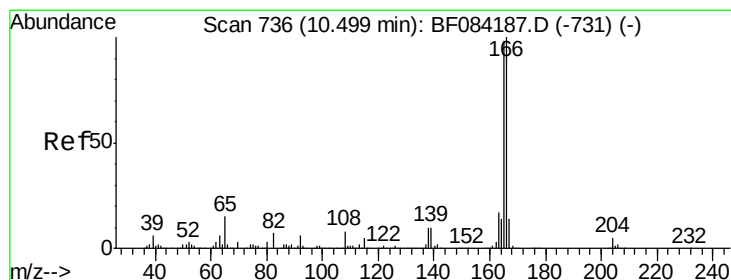
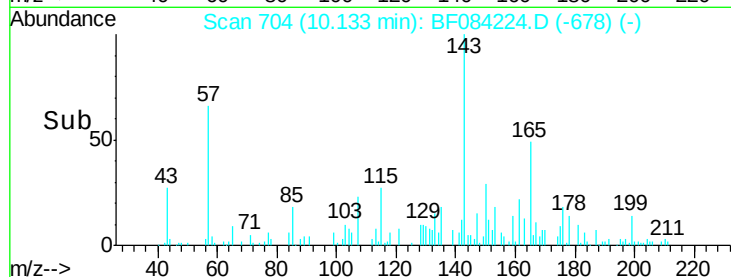
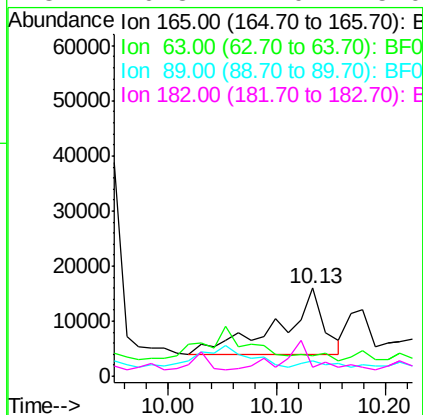
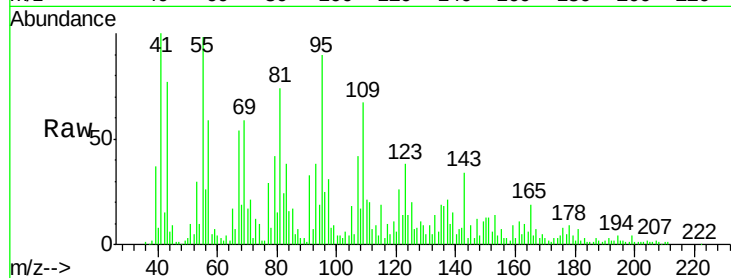




#56
2,4-Dinitrotoluene
Concen: 4.17 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

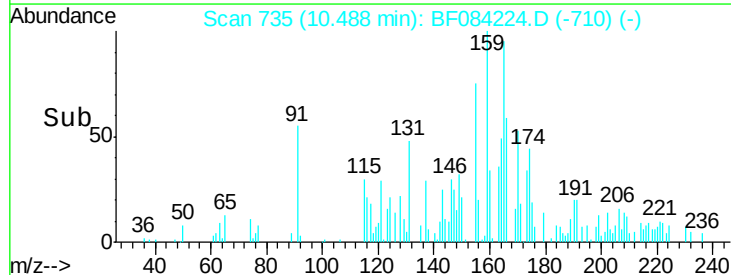
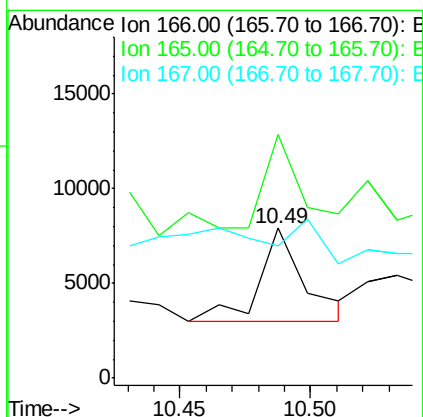
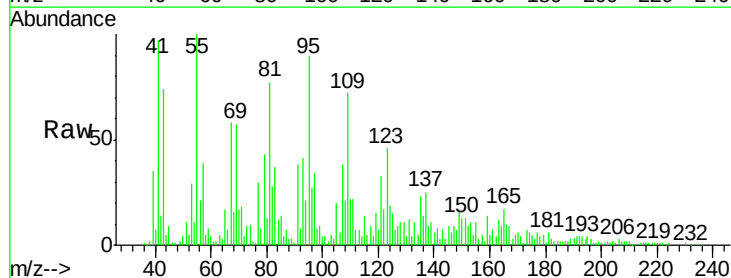
Instrument :
BNA_F
ClientSampleId :
S8-0529

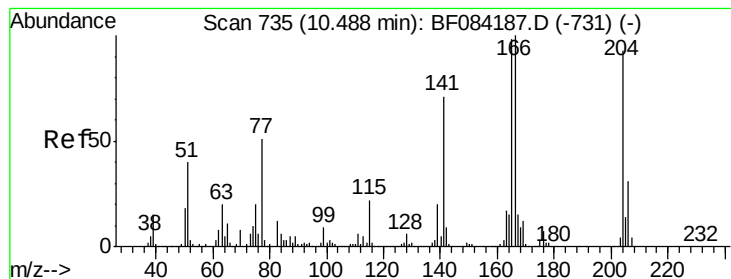
Tgt Ion:165 Resp: 34284
Ion Ratio Lower Upper
165 100
63 23.2 36.7 55.1#
89 17.0 61.9 92.9#
182 10.8 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

Tgt Ion:166 Resp: 5964
Ion Ratio Lower Upper
166 100
165 162.3 79.1 118.7#
167 87.8 10.4 15.6#





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.46 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

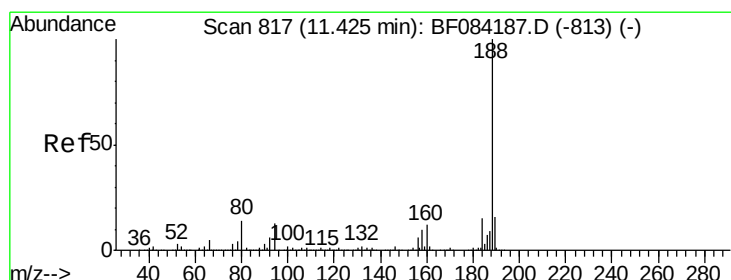
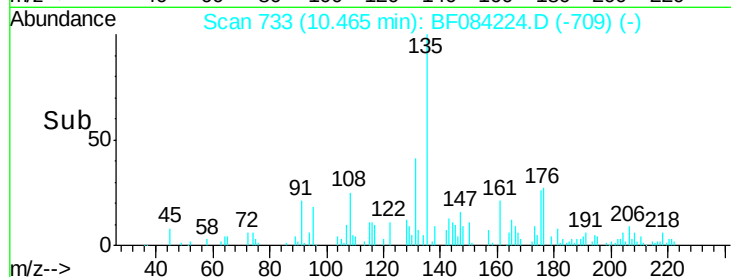
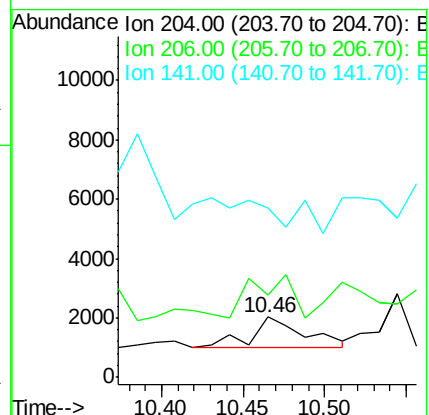
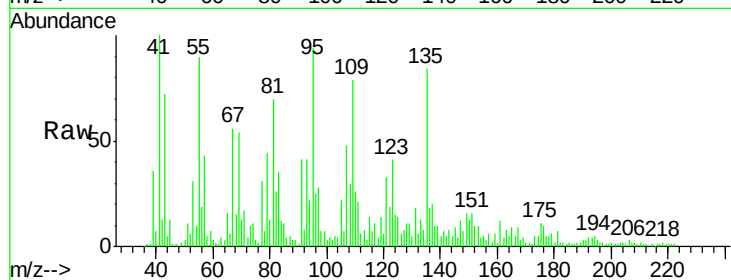
Tgt Ion:204 Resp: 2425

Ion Ratio Lower Upper

204 100

206 136.8 25.7 38.5#

141 280.9 55.1 82.7#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

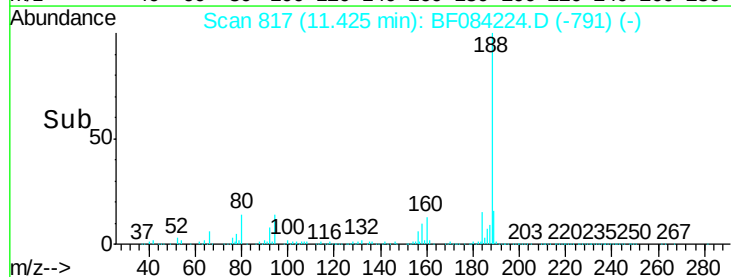
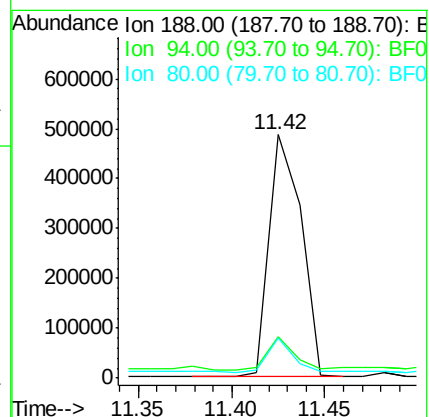
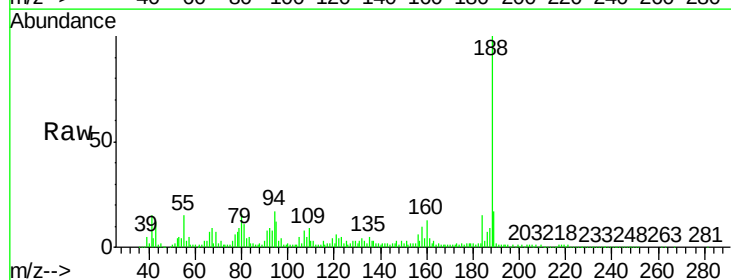
Tgt Ion:188 Resp: 581253

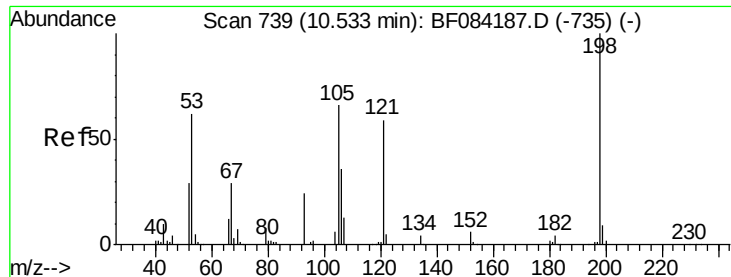
Ion Ratio Lower Upper

188 100

94 17.1 9.0 13.4#

80 16.4 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.73 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.03 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

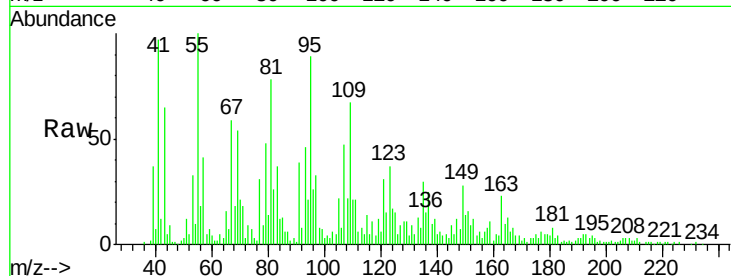
Tgt Ion:198 Resp: 1497

Ion Ratio Lower Upper

198 100

51 638.9 18.9 58.9#

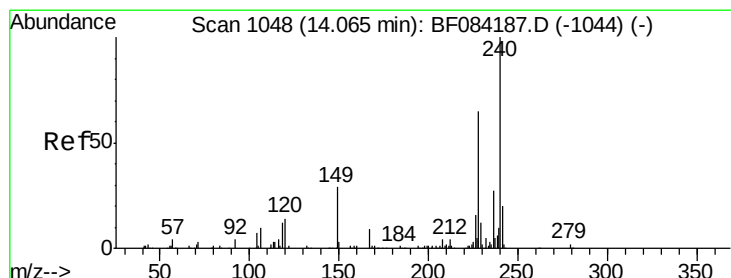
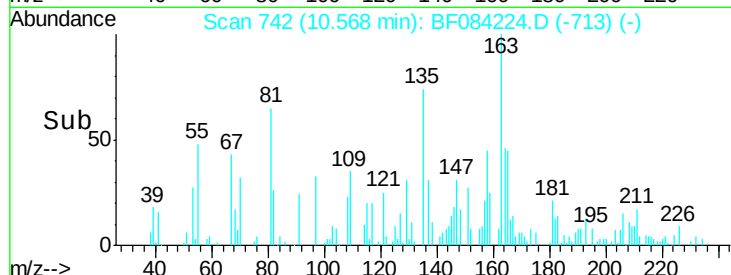
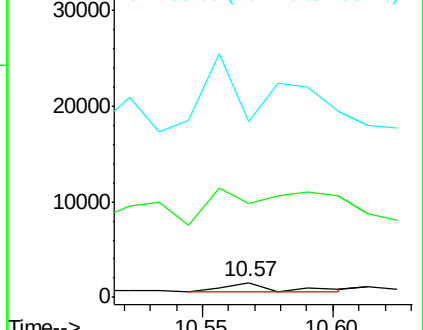
105 1199.2 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

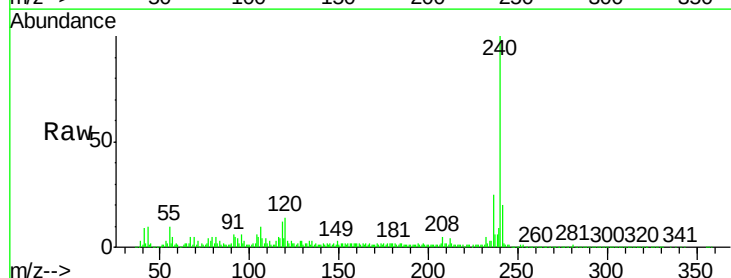
Tgt Ion:240 Resp: 518477

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

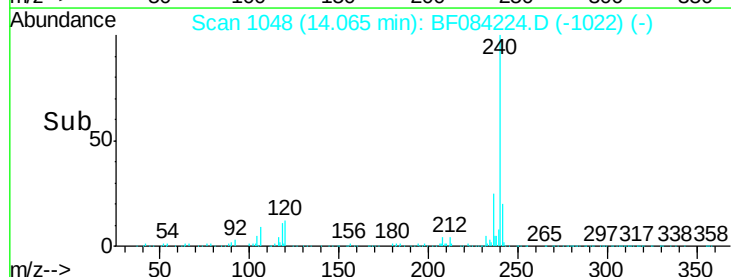
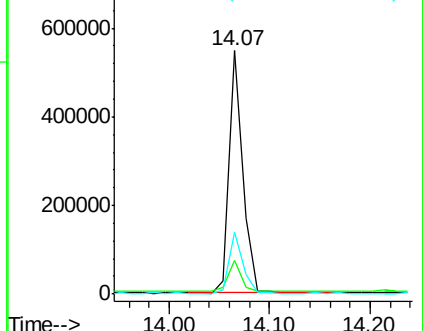
236 25.2 20.6 31.0

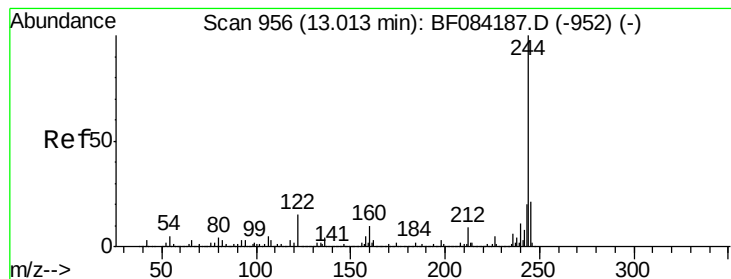


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.80 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

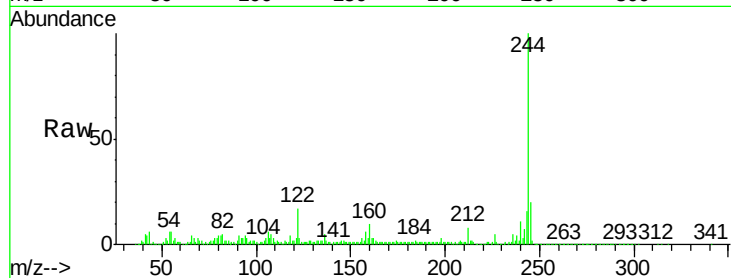
Tgt Ion:244 Resp: 1528304

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

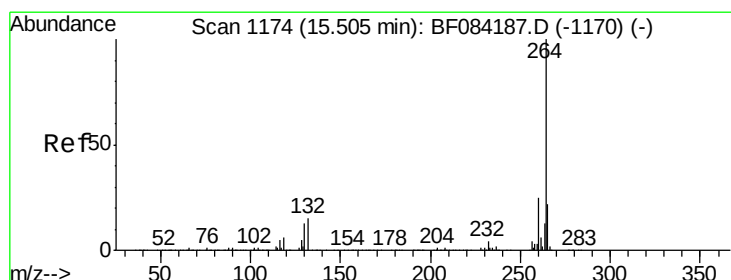
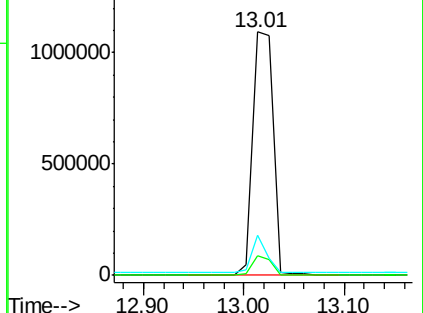
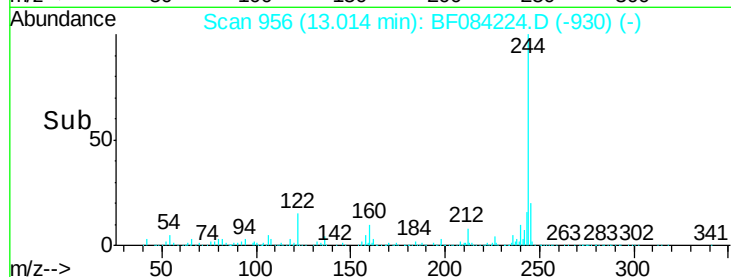
122 16.6 7.4 11.0#



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: 15.52 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

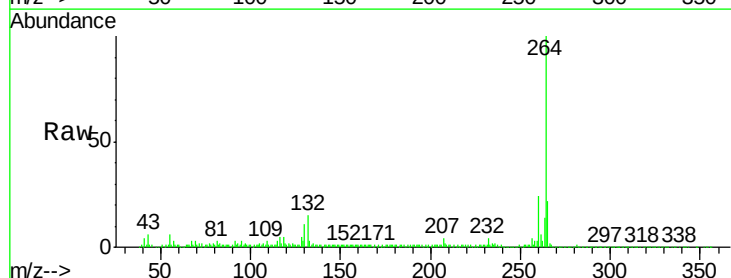
Tgt Ion:264 Resp: 561567

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.5 17.8 26.6



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

