

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087556.D
 Acq On : 30 May 2016 18:12
 Operator : UM/SJ
 Sample : H3317-11
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Quant Time: May 31 01:40:39 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

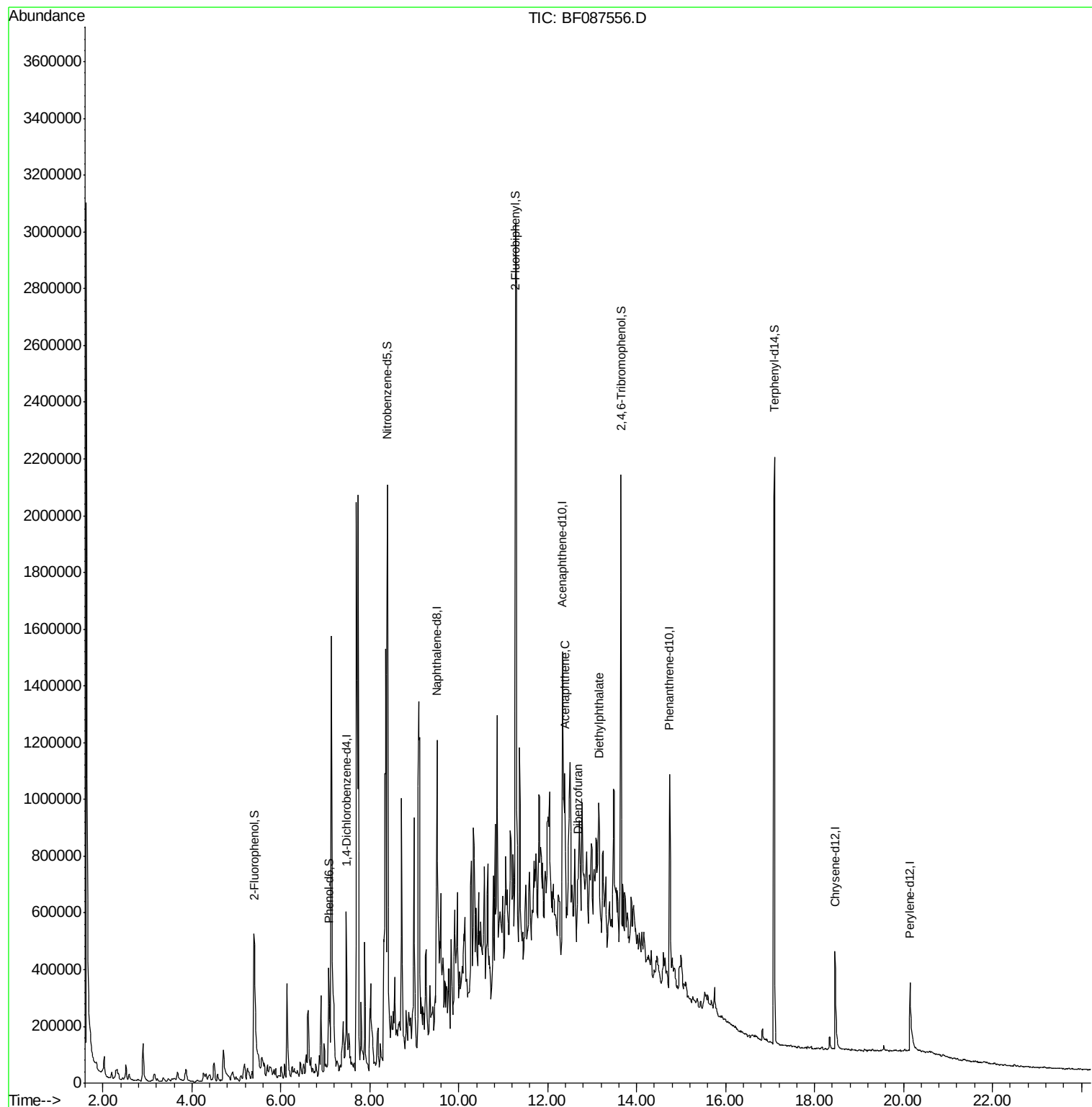
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	103784	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	417038	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	254849	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	341014	20.00	ng	0.00
75) Chrysene-d12	18.46	240	237381	20.00	ng	0.01
86) Perylene-d12	20.15	264	202540	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	379301	64.22	ng	0.03
7) Phenol-d6	7.07	99	325331	40.76	ng	0.03
23) Nitrobenzene-d5	8.40	82	802592	96.99	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	258123	105.40	ng	0.01
44) 2-Fluorobiphenyl	11.28	172	1260096	69.71	ng	-0.01
78) Terphenyl-d14	17.10	244	936393	83.86	ng	0.00
Target Compounds						
51) Acenaphthene	12.39	154	47398	2.97	ng	96
54) Dibenzofuran	12.69	168	69710	3.22	ng	91
59) Diethylphthalate	13.15	149	49793	2.51	ng	# 54

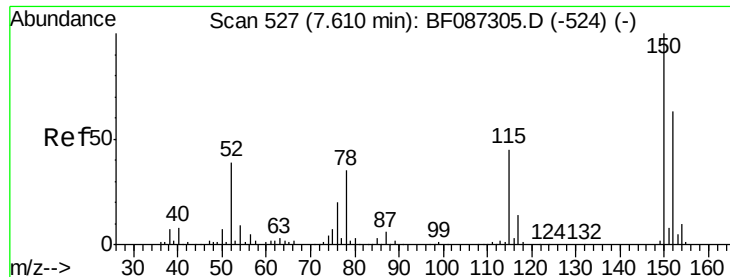
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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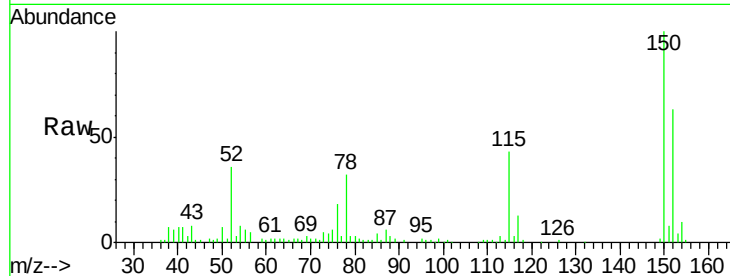


#1

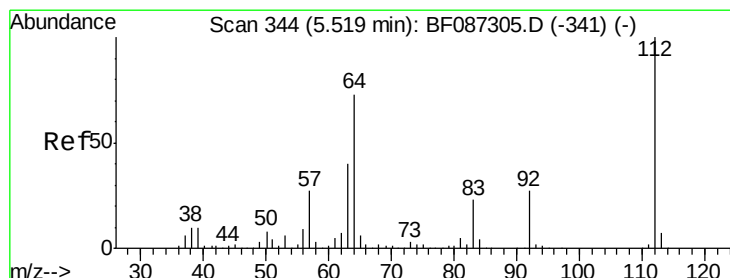
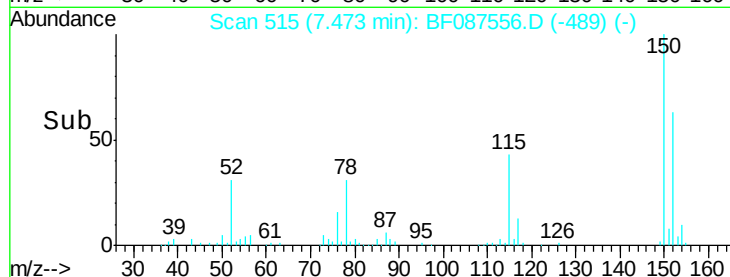
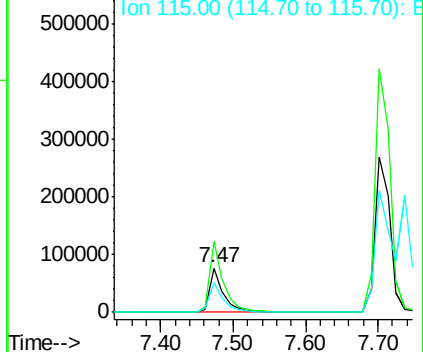
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087556.D
Acq: 30 May 2016 18:12

Instrument :
BNA_F
ClientSampleId :
MW-35

Tot Ion:152 Resp: 103784
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 68.3 51.5 77.3



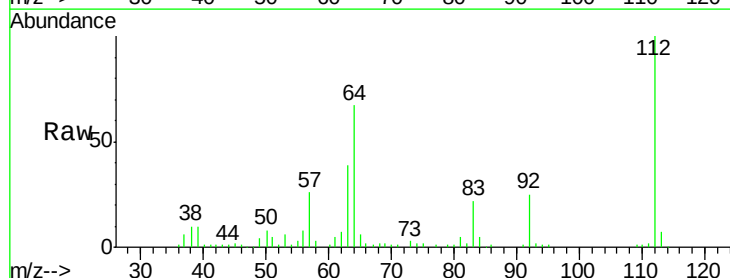
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



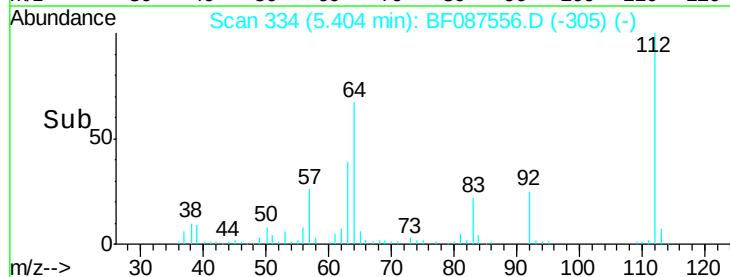
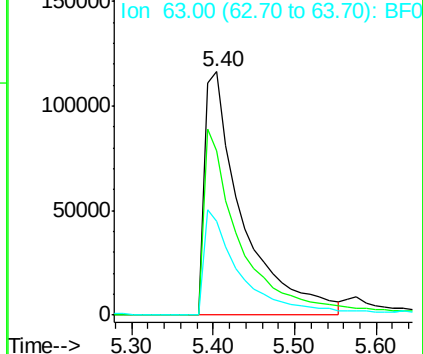
#5

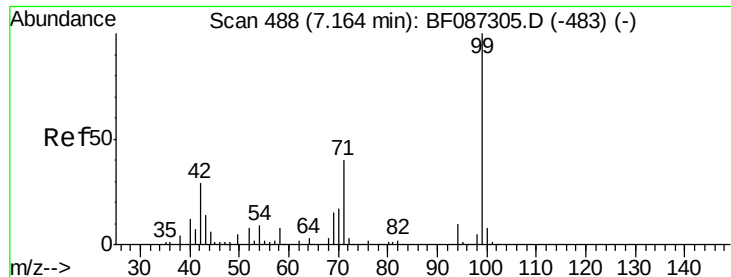
2-Fluorophenol
Concen: 64.22 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087556.D
Acq: 30 May 2016 18:12

Tgt Ion:112 Resp: 379301
Ion Ratio Lower Upper
112 100
64 67.4 52.1 78.1
63 38.7 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: 40.76 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.03 min

Lab File: BF087556.D

Acq: 30 May 2016 18:12

Instrument :

BNA_F

ClientSampled :

MW-35

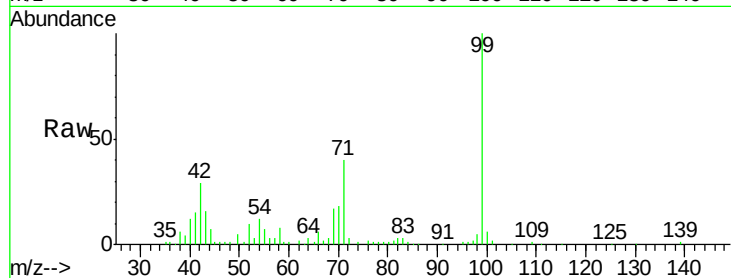
Tot Ion: 99 Resp: 325331

Ion Ratio Lower Upper

99 100

42 29.4 13.6 20.4#

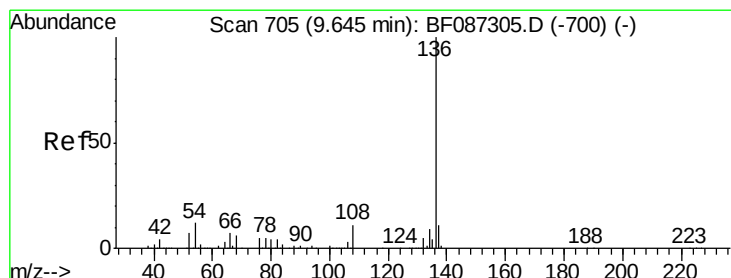
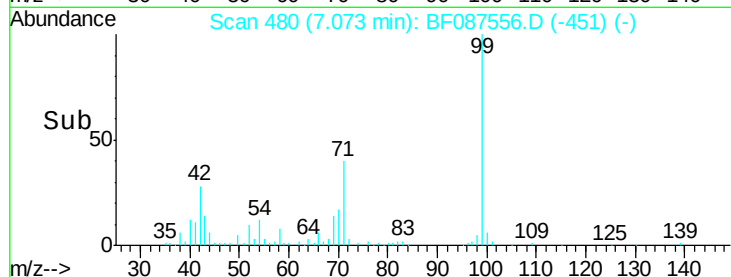
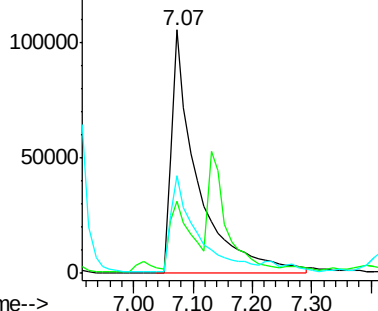
71 40.2 24.6 36.8#



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: BF087556.D

Acq: 30 May 2016 18:12

Tgt Ion: 136 Resp: 417038

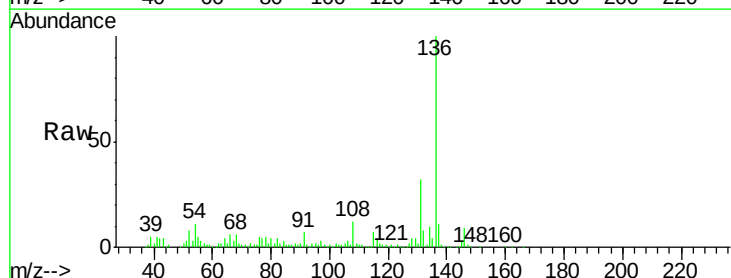
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.1 5.0 7.4#

68 5.7 4.4 6.6

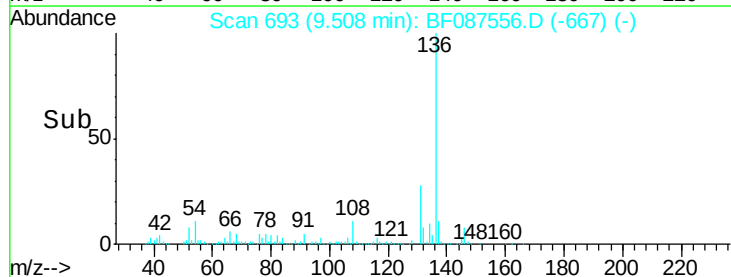
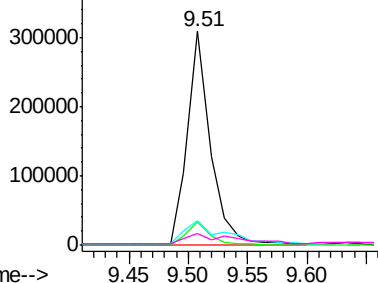


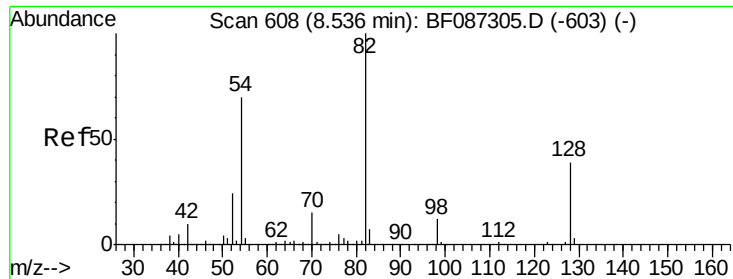
Abundance Ion 136.00 (135.70 to 136.70): E

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

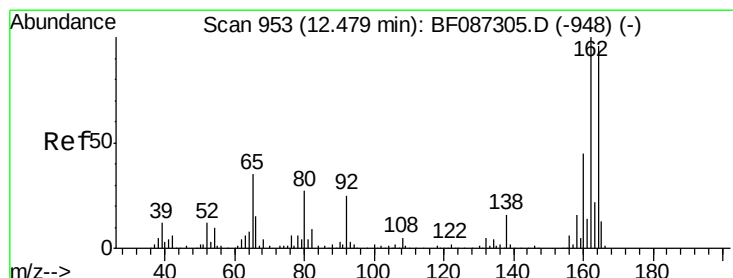
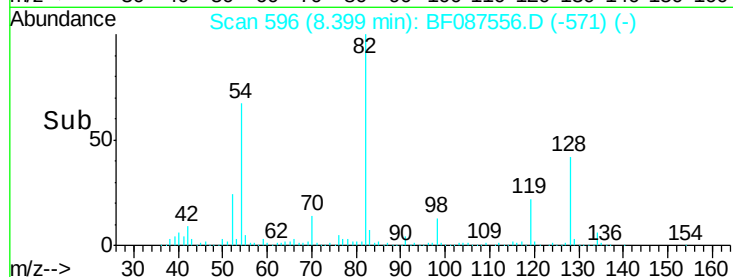
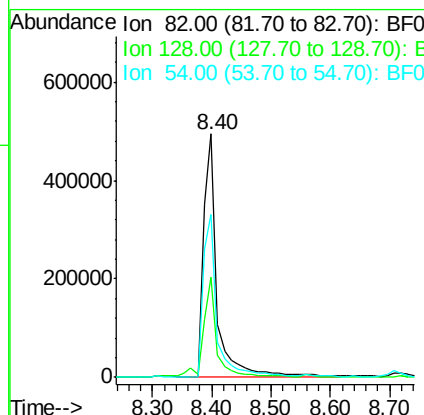
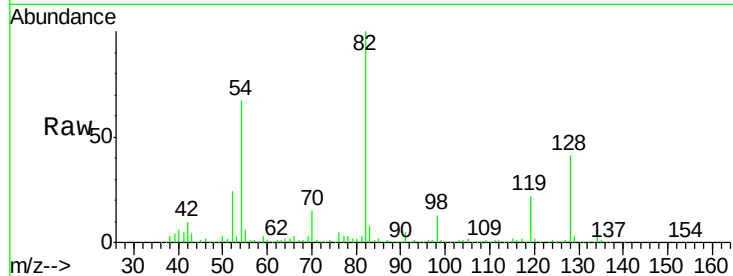




#23
Nitrobenzene-d5
Concen: 96.99 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF087556.D
Acq: 30 May 2016 18:12

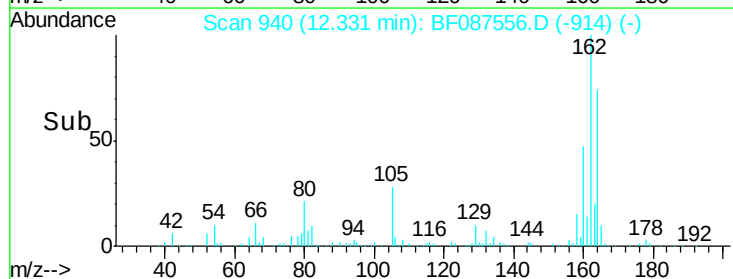
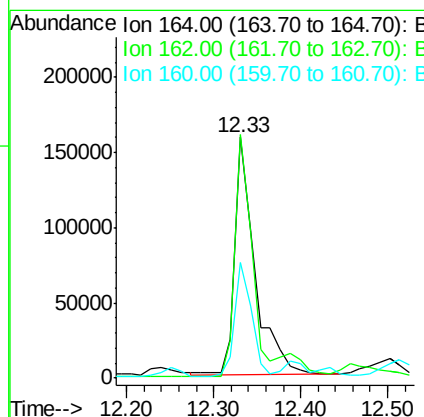
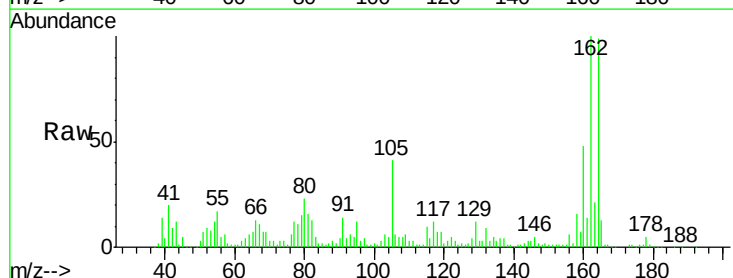
Instrument :
BNA_F
ClientSampleId :
MW-35

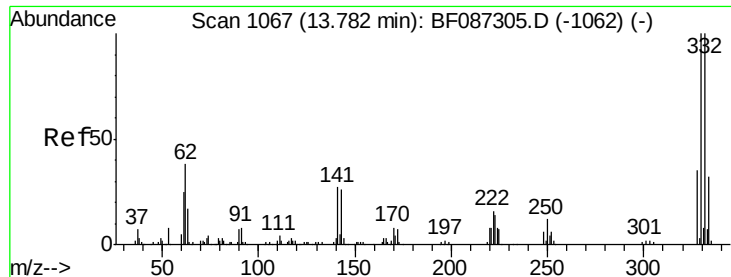
Tot Ion	82	Resp	802592
Ion Ratio	Lower	Upper	
82	100		
128	41.4	40.6	61.0
54	67.0	38.1	57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087556.D
Acq: 30 May 2016 18:12

Tgt Ion	164	Resp	254849
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.8	124.2
160	48.3	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 105.40 ng

RT: 13.65 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BF087556.D

Acq: 30 May 2016 18:12

Instrument :

BNA_F

ClientSampled :

MW-35

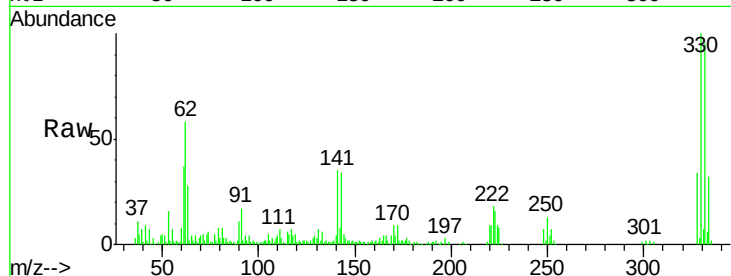
Tot Ion:330 Resp: 258123

Ion Ratio Lower Upper

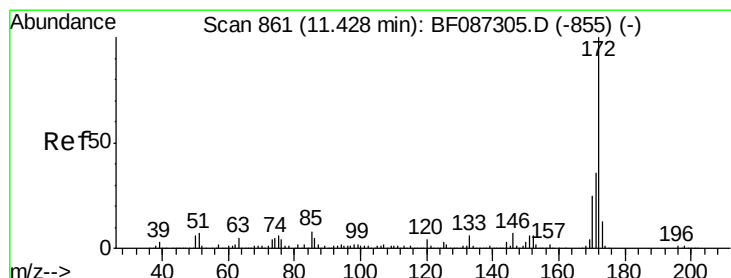
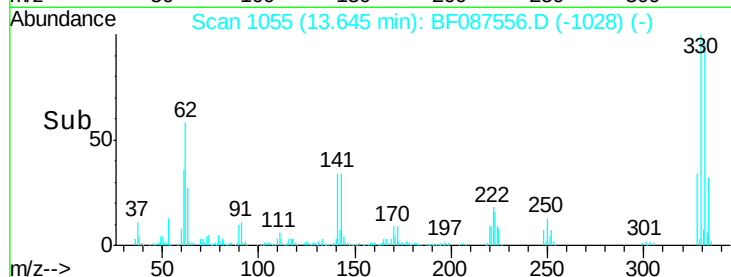
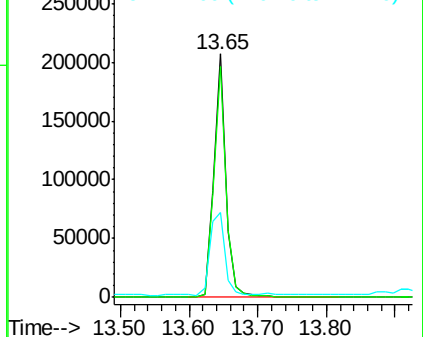
330 100

332 96.3 79.0 118.4

141 41.0 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: 69.71 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087556.D

Acq: 30 May 2016 18:12

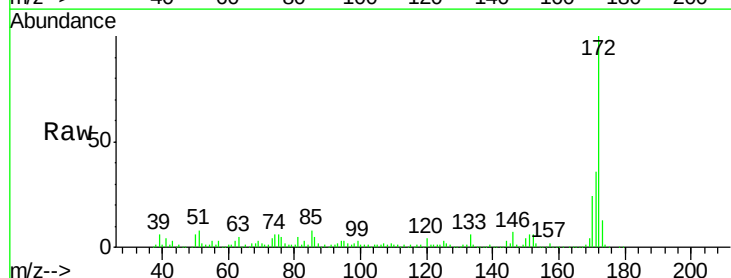
Tgt Ion:172 Resp: 1260096

Ion Ratio Lower Upper

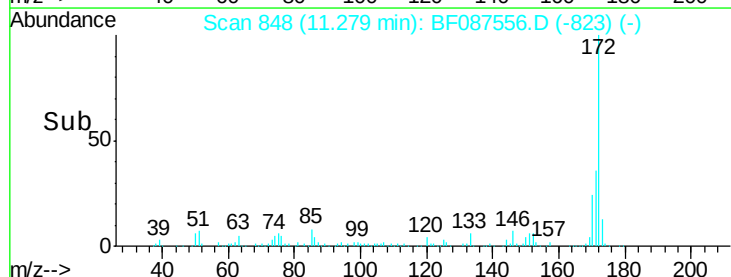
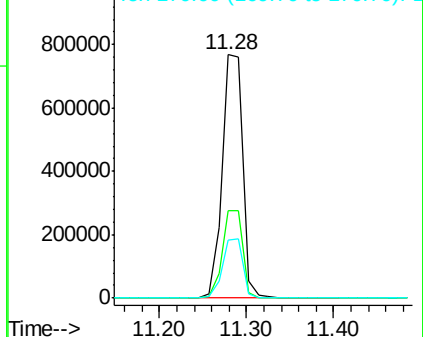
172 100

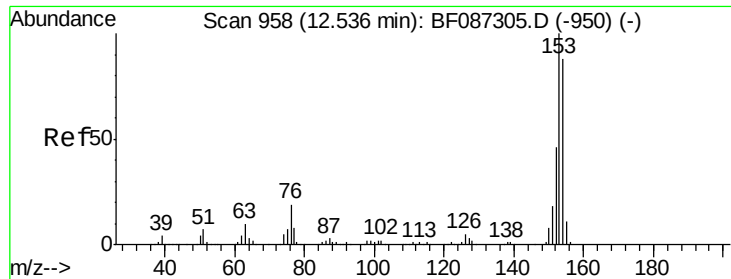
171 36.1 29.0 43.6

170 24.0 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





#51

Acenaphthene

Concen: 2.97 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF087556.D

Acq: 30 May 2016 18:12

Instrument :

BNA_F

ClientSampleId :

MW-35

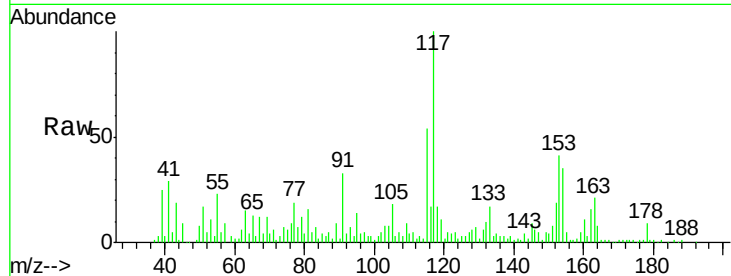
Tot Ion:154 Resp: 47398

Ion Ratio Lower Upper

154 100

153 117.8 89.8 134.6

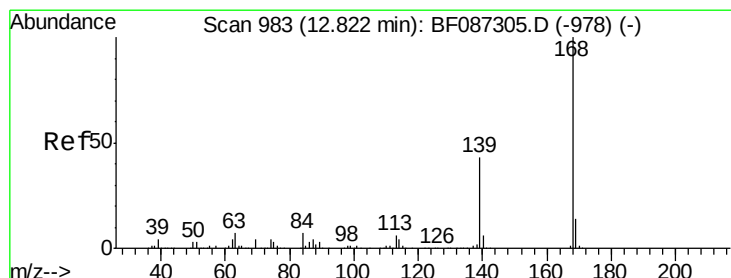
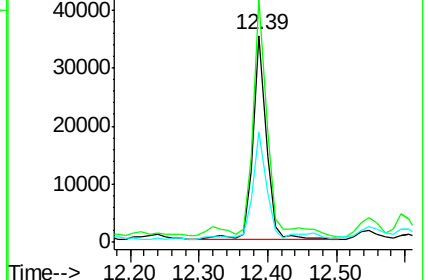
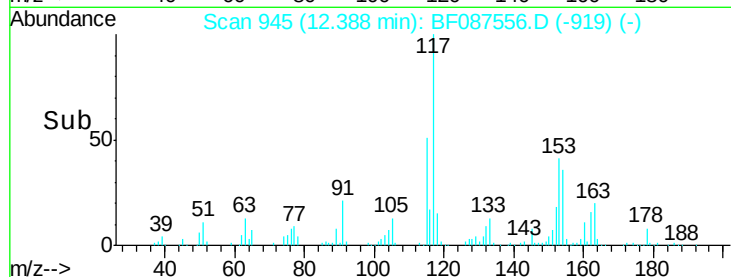
152 53.3 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.22 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF087556.D

Acq: 30 May 2016 18:12

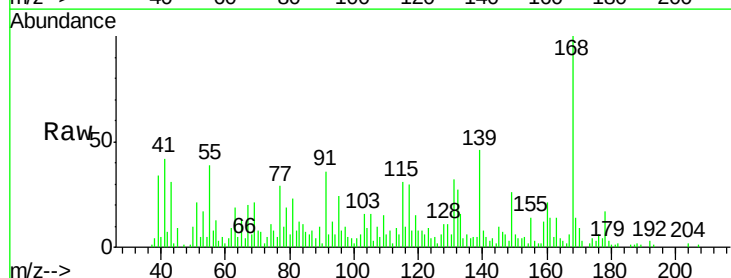
Tgt Ion:168 Resp: 69710

Ion Ratio Lower Upper

168 100

139 46.3 31.4 47.0

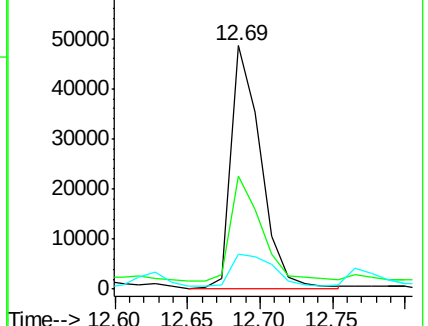
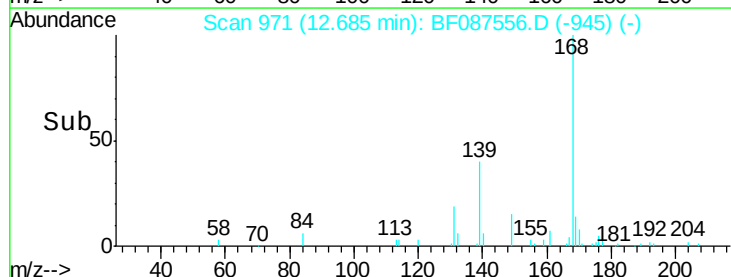
169 14.2 10.7 16.1

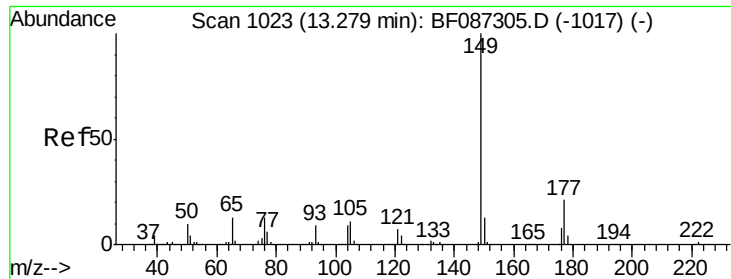


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

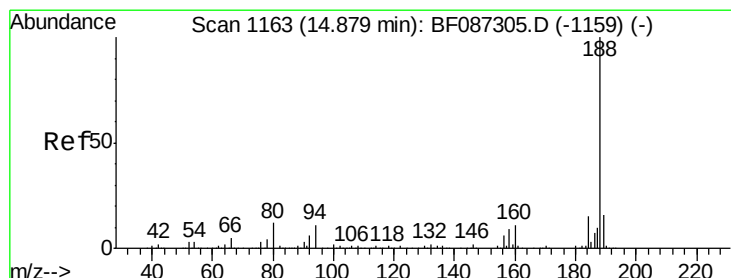
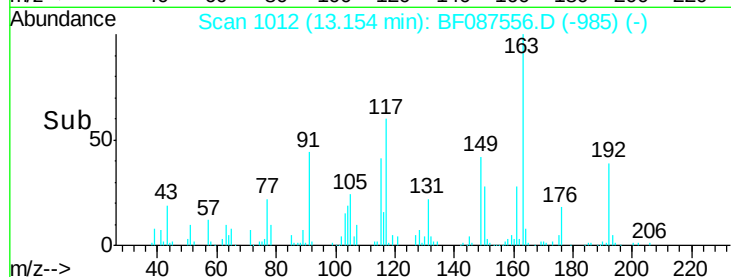
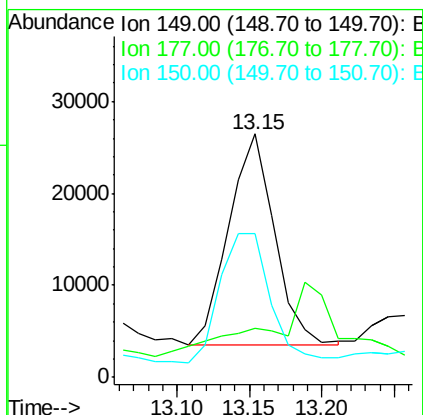
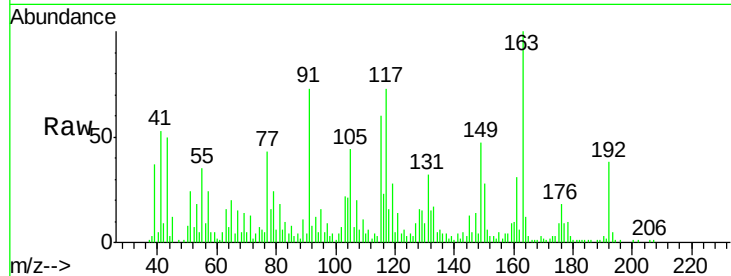




#59
Diethylphthalate
Concen: 2.51 ng
RT: 13.15 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF087556.D
Acq: 30 May 2016 18:12

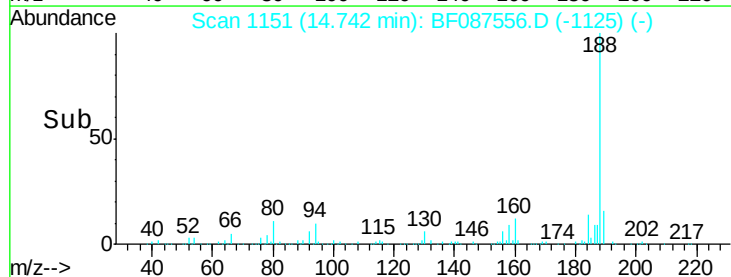
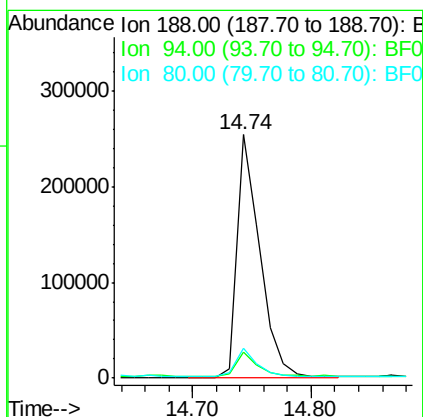
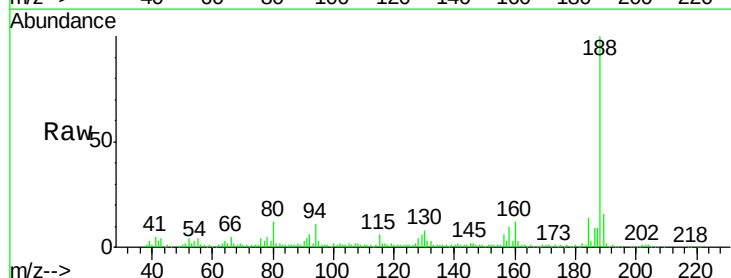
Instrument :
BNA_F
ClientSampleId :
MW-35

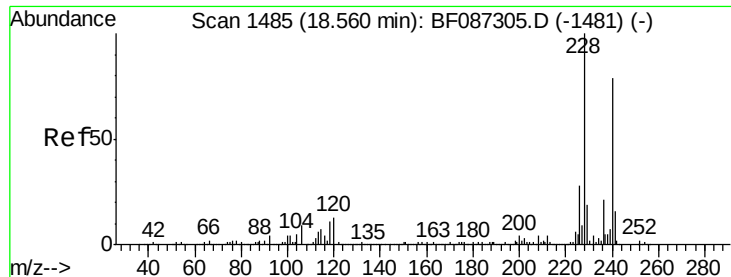
Tot Ion:149 Resp: 49793
Ion Ratio Lower Upper
149 100
177 20.0 16.6 24.8
150 59.1 10.0 15.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087556.D
Acq: 30 May 2016 18:12

Tgt Ion:188 Resp: 341014
Ion Ratio Lower Upper
188 100
94 10.7 6.8 10.2#
80 12.0 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087556.D

Acq: 30 May 2016 18:12

Instrument :

BNA_F

ClientSampled :

MW-35

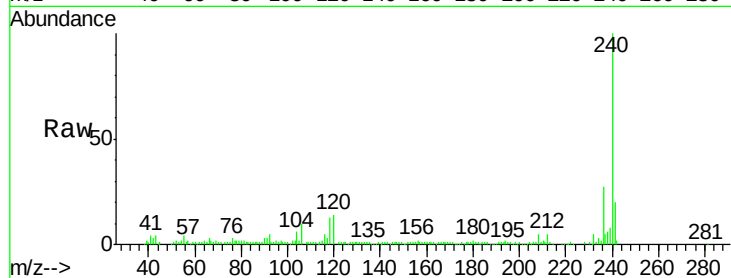
Tot Ion:240 Resp: 237381

Ion Ratio Lower Upper

240 100

120 14.1 11.2 16.8

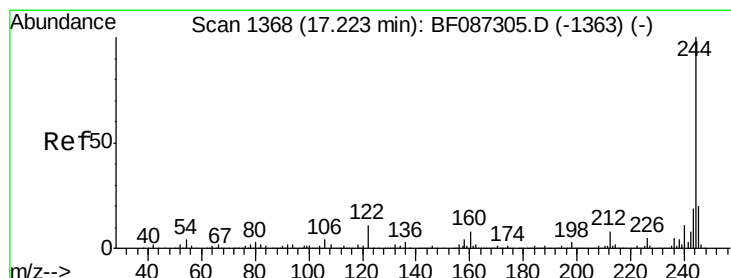
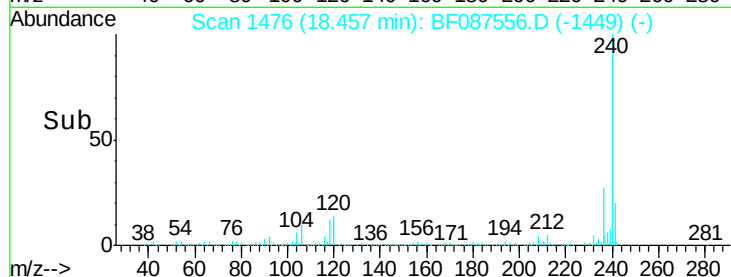
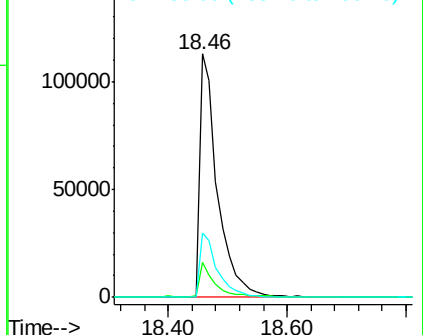
236 26.7 21.2 31.8



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: 83.86 ng

RT: 17.10 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF087556.D

Acq: 30 May 2016 18:12

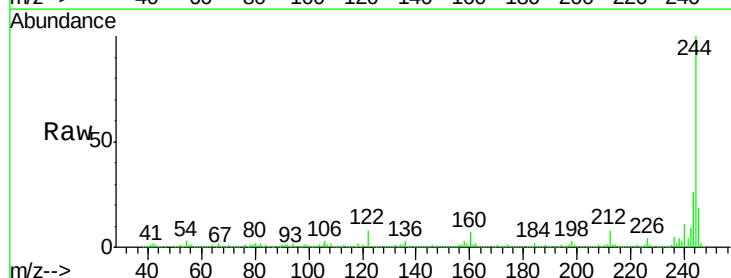
Tgt Ion:244 Resp: 936393

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

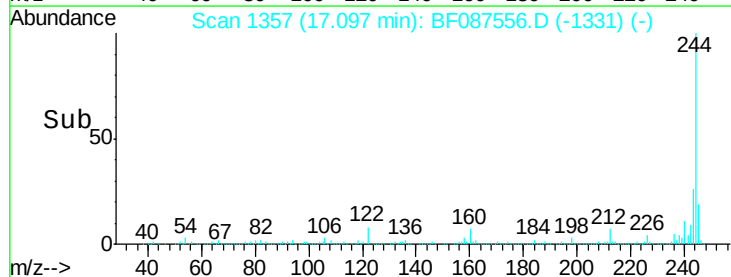
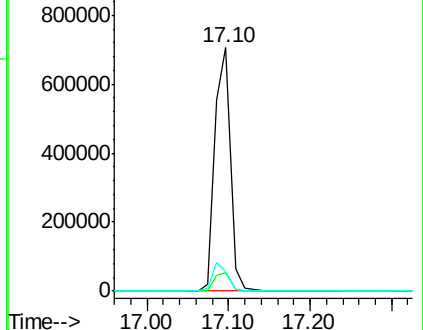
122 8.2 12.0 18.0#

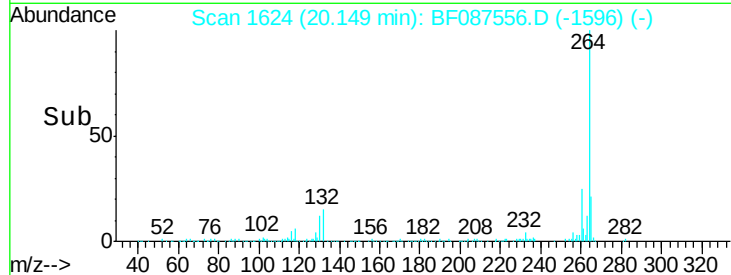
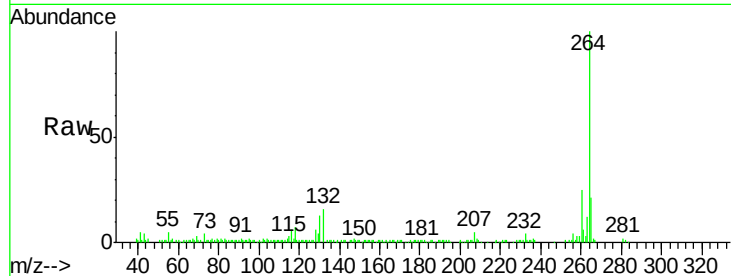
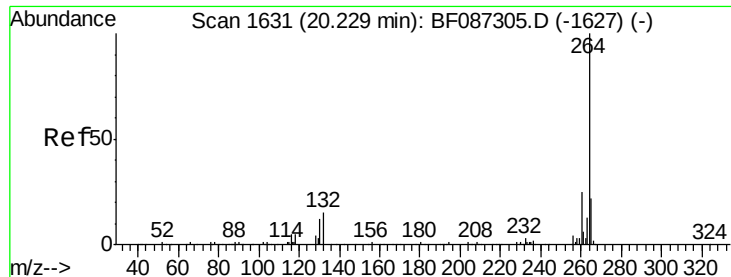


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF087556.D
Acq: 30 May 2016 18:12

Instrument :
BNA_F
ClientSampleId :
MW-35

Tot Ion:264	Resp:	202540
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.5 29.3
265	21.1	17.3 25.9

