

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087570.D
 Acq On : 31 May 2016 2:45
 Operator : UM/SJ
 Sample : H3249-07
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Quant Time: May 31 03:27:39 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

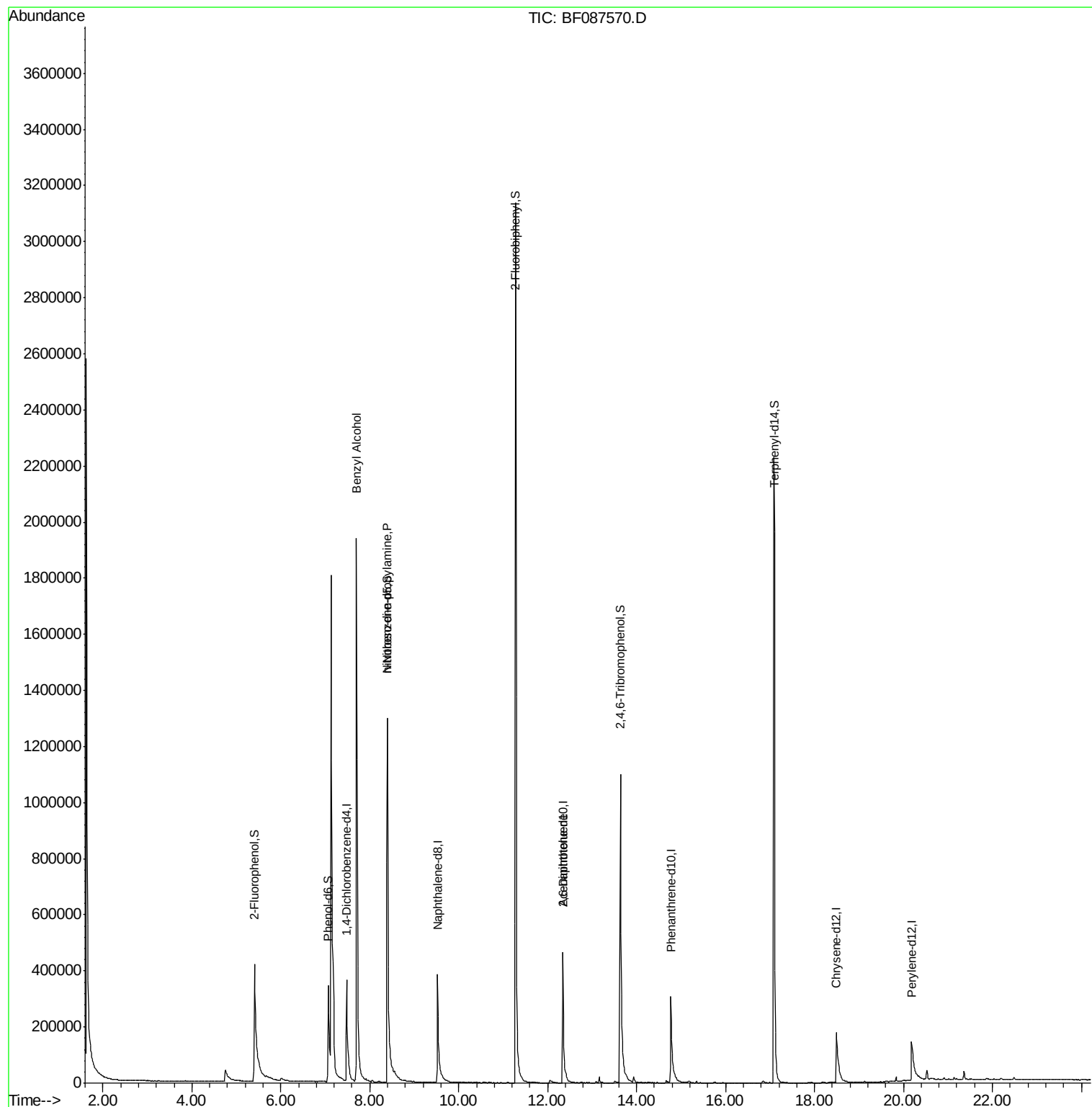
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	106927	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	420886	20.00	ng	0.01
38) Acenaphthene-d10	12.34	164	199570	20.00	ng	0.01
63) Phenanthrene-d10	14.77	188	334434	20.00	ng	0.02
75) Chrysene-d12	18.49	240	244208	20.00	ng	0.05
86) Perylene-d12	20.18	264	197824	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	357289	58.71	ng	0.03
7) Phenol-d6	7.06	99	265458	32.28	ng	0.02
23) Nitrobenzene-d5	8.40	82	822749	98.52	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	227727	118.74	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1319617	93.22	ng	-0.01
78) Terphenyl-d14	17.10	244	1116517	97.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.70	79	13736	2.29	ng	# 47
19) n-Nitroso-di-n-propylamine	8.40	70	99804	16.28	ng	# 77
50) 2,6-Dinitrotoluene	12.34	165	20396	6.33	ng	# 20

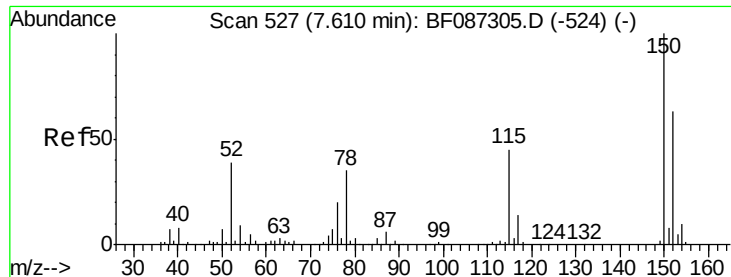
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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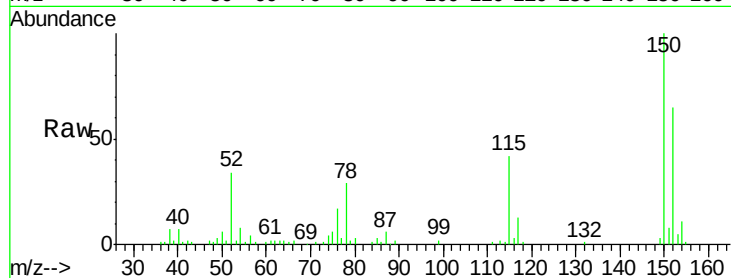


#1

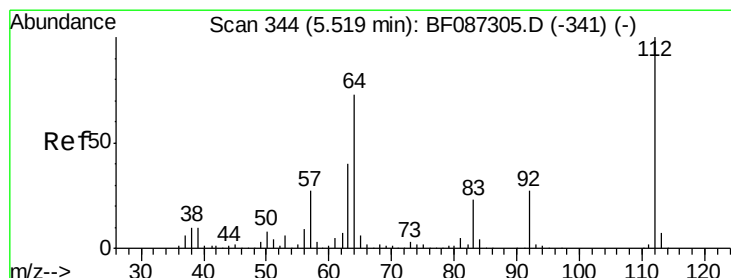
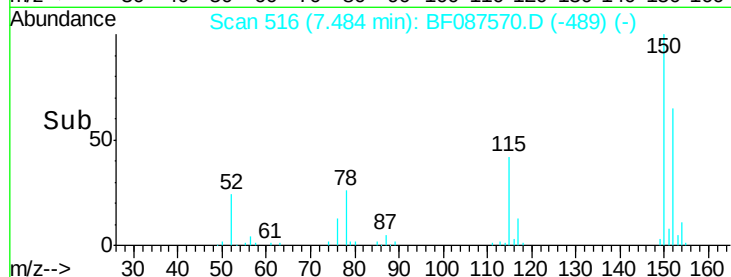
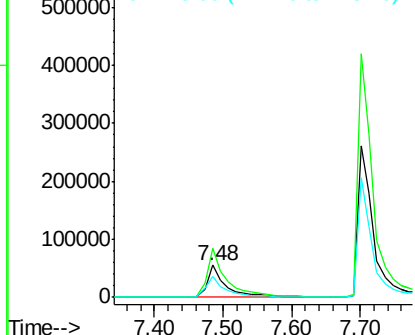
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Instrument :
BNA_F
ClientSampled :
MW-26

Tgt Ion:152 Resp: 106927
Ion Ratio Lower Upper
152 100
150 153.3 125.8 188.6
115 63.7 51.5 77.3



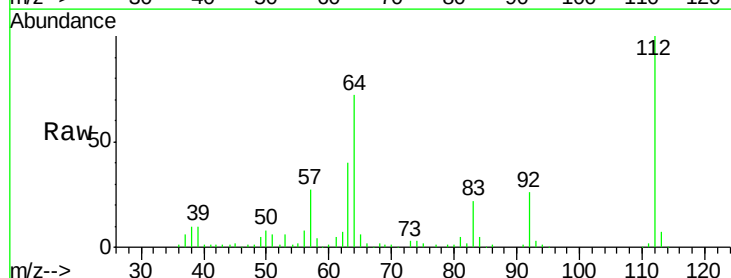
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



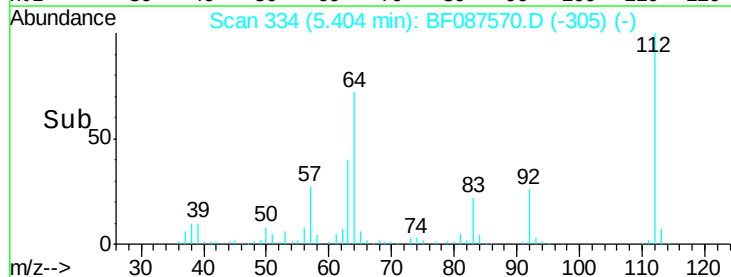
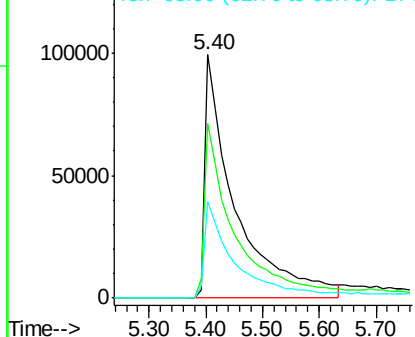
#5

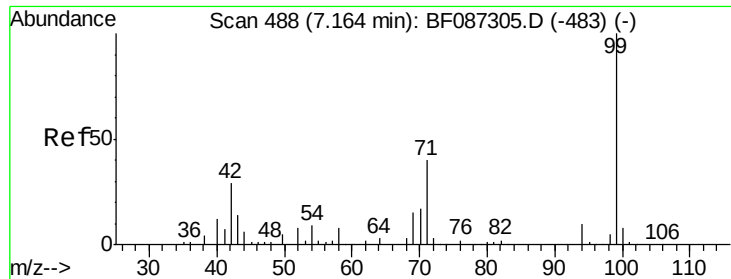
2-Fluorophenol
Concen: 58.71 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Tgt Ion:112 Resp: 357289
Ion Ratio Lower Upper
112 100
64 71.9 52.1 78.1
63 39.8 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: 32.28 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087570.D

Acq: 31 May 2016 2:45

Instrument :

BNA_F

ClientSampled :

MW-26

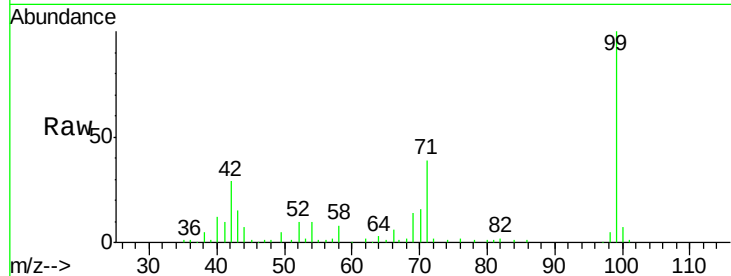
Tgt Ion: 99 Resp: 265458

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

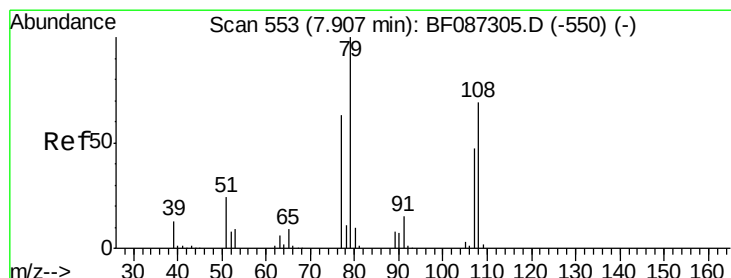
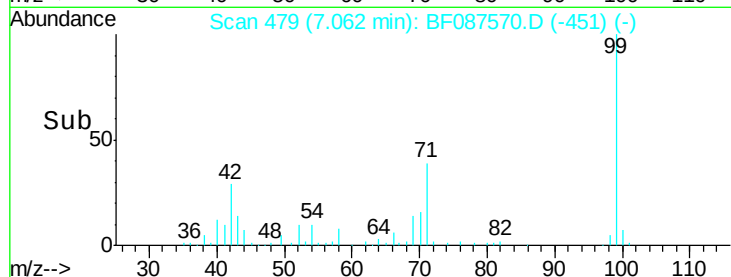
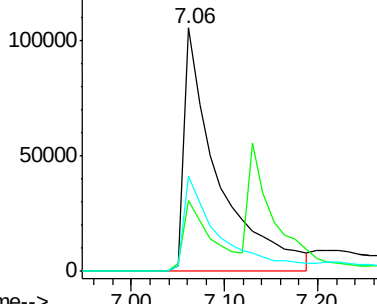
71 38.9 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF087570.D

Acq: 31 May 2016 2:45

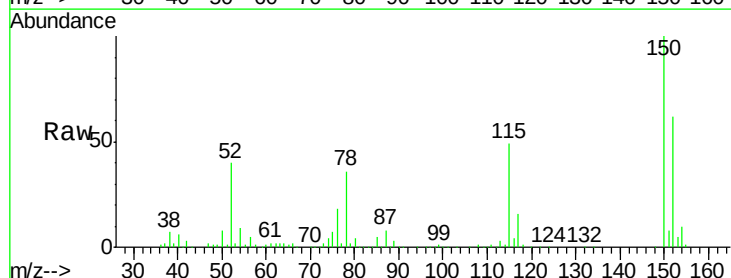
Tgt Ion: 79 Resp: 13736

Ion Ratio Lower Upper

79 100

108 30.8 68.4 102.6#

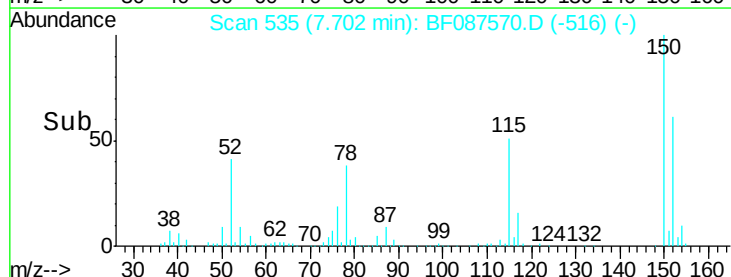
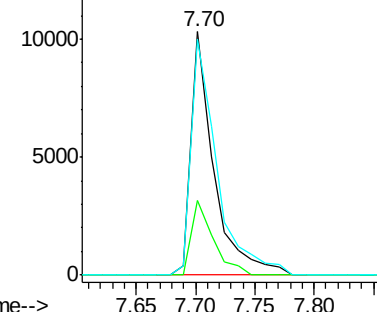
77 97.1 50.6 76.0#

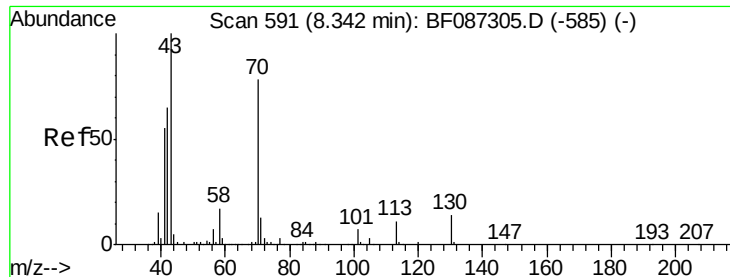


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

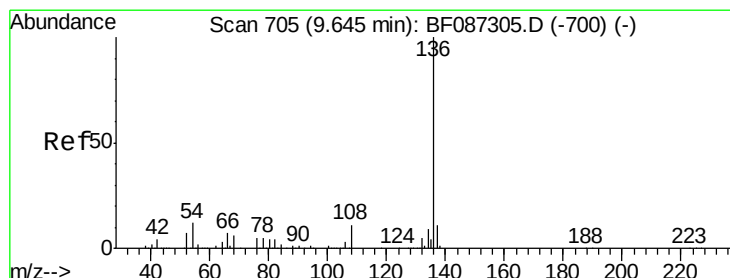
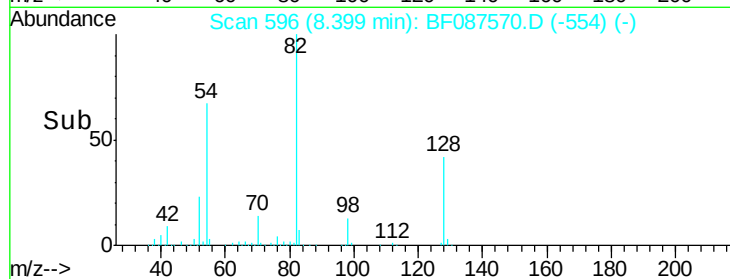
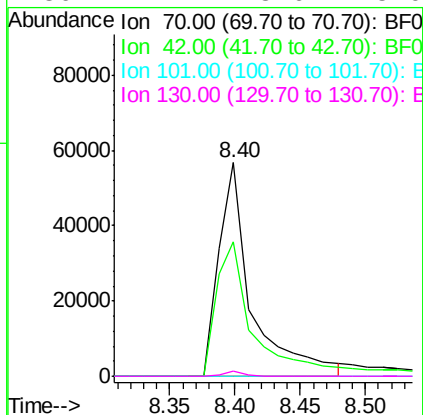
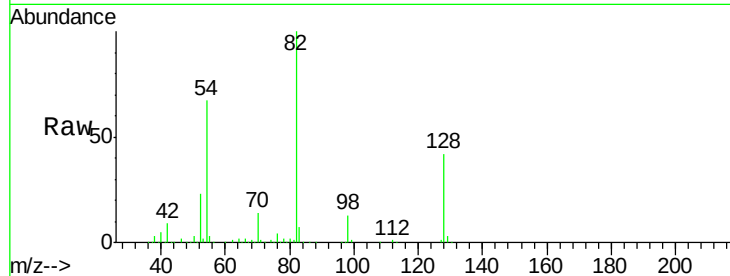




#19
n-Nitroso-di-n-propylamine
Concen: 16.28 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.18 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

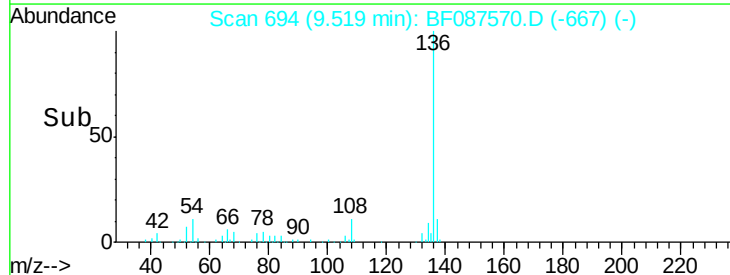
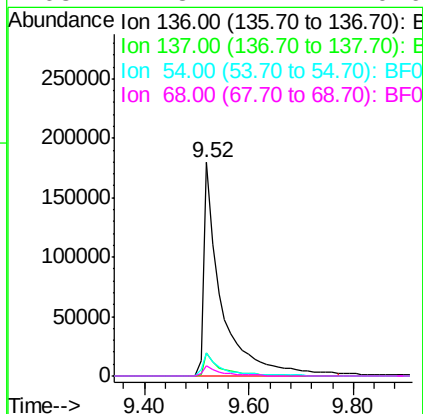
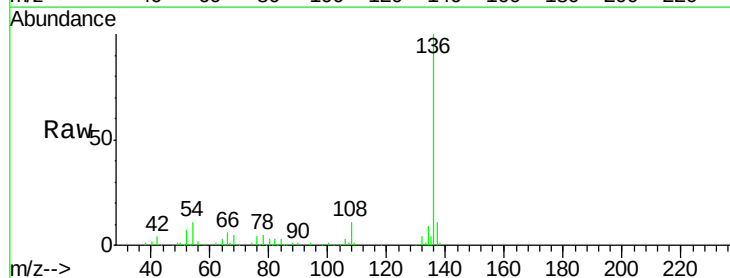
Instrument :
BNA_F
ClientSampled :
MW-26

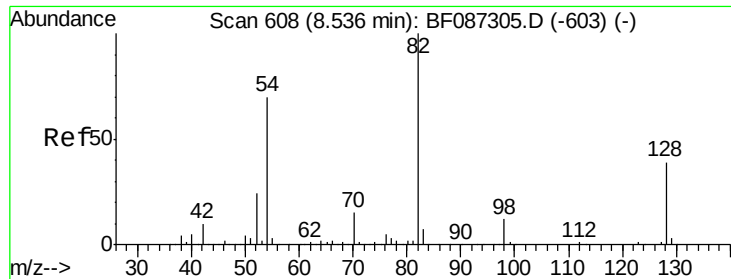
Tgt Ion: 70 Resp: 99804
Ion Ratio Lower Upper
70 100
42 63.1 43.1 64.7
101 0.0 8.1 12.1#
130 2.2 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF087570.D
Acq: 31 May 2016 2:45

Tgt Ion: 136 Resp: 420886
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.6 5.0 7.4#
68 4.8 4.4 6.6





#23

Nitrobenzene-d5

Concen: 98.52 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF087570.D

Acq: 31 May 2016 2:45

Instrument :

BNA_F

ClientSampleId :

MW-26

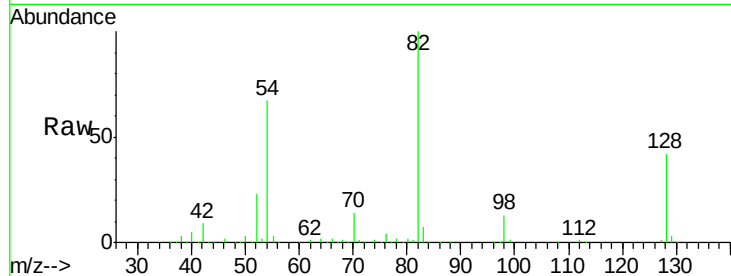
Tgt Ion: 82 Resp: 822749

Ion Ratio Lower Upper

82 100

128 42.2 40.6 61.0

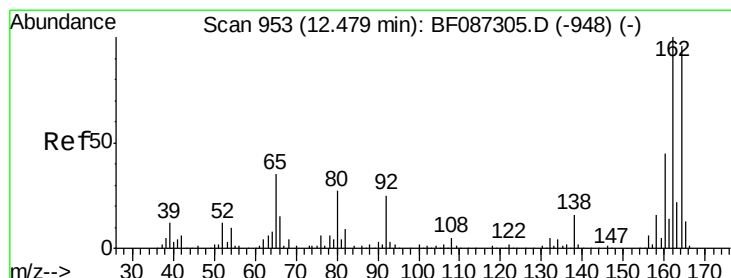
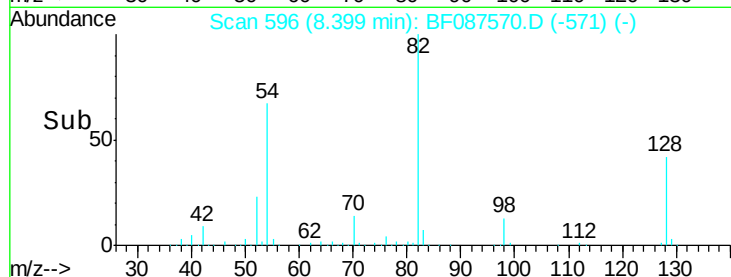
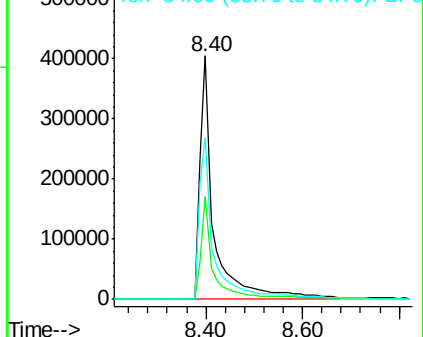
54 66.6 38.1 57.1#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF087570.D

Acq: 31 May 2016 2:45

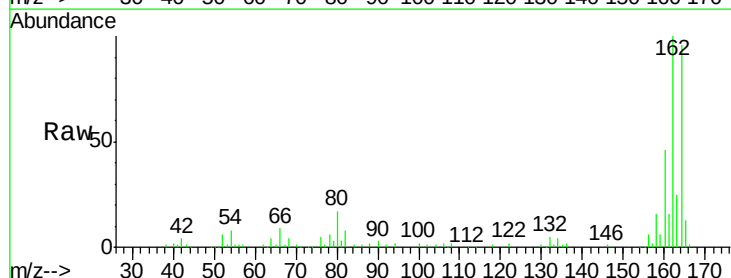
Tgt Ion: 164 Resp: 199570

Ion Ratio Lower Upper

164 100

162 104.6 82.8 124.2

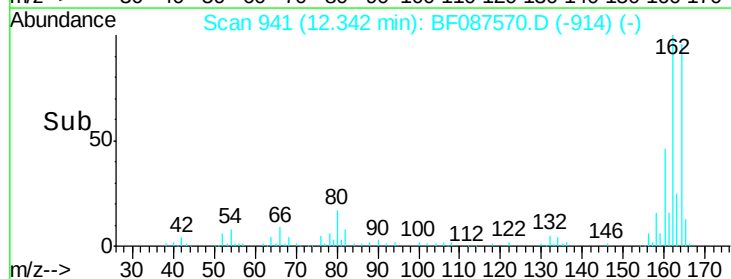
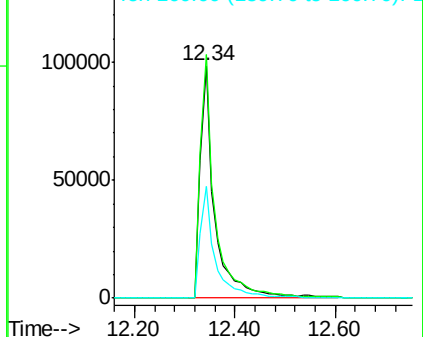
160 47.9 36.9 55.3

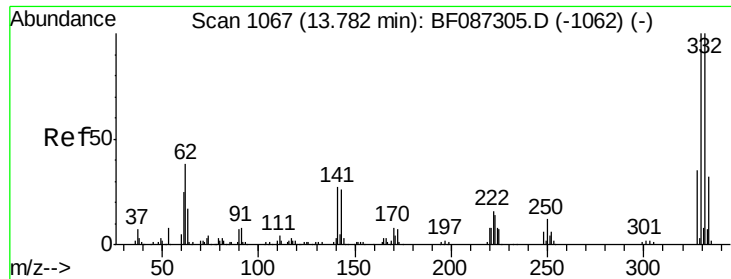


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

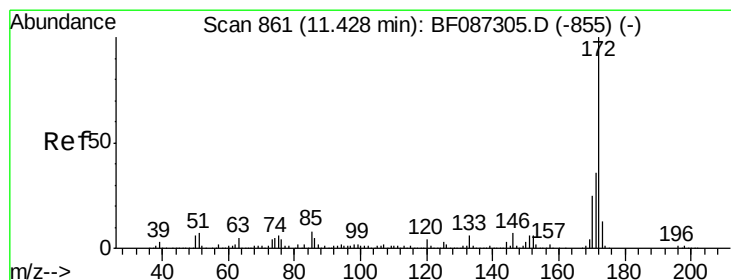
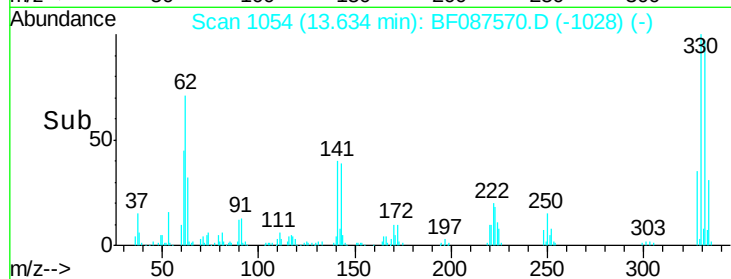
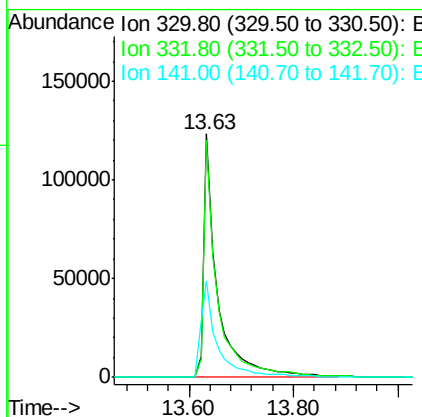
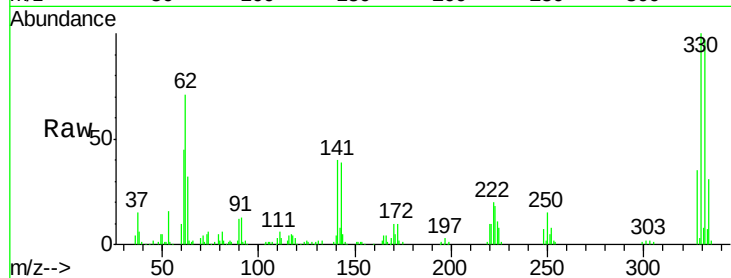




#41
 2,4,6-Tribromophenol
 Concen: 118.74 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087570.D
 Acq: 31 May 2016 2:45

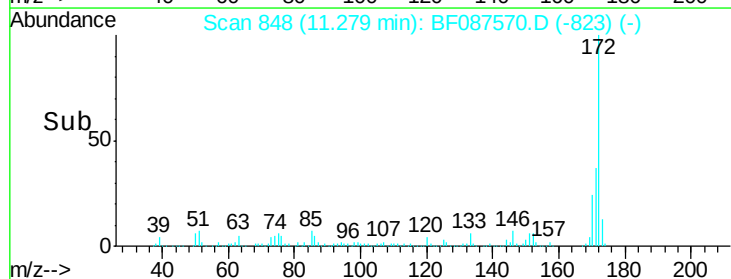
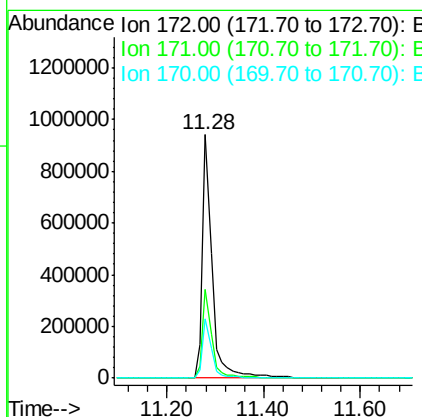
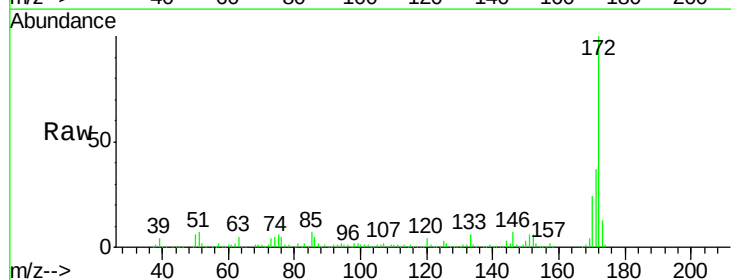
Instrument :
 BNA_F
 ClientSampleId :
 MW-26

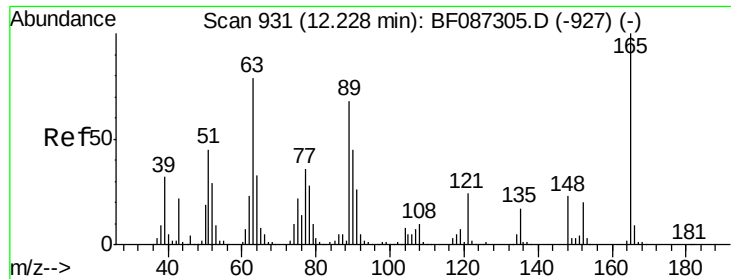
Tgt Ion:330 Resp: 227727
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 47.8 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 93.22 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087570.D
 Acq: 31 May 2016 2:45

Tgt Ion:172 Resp: 1319617
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.4 19.8 29.8

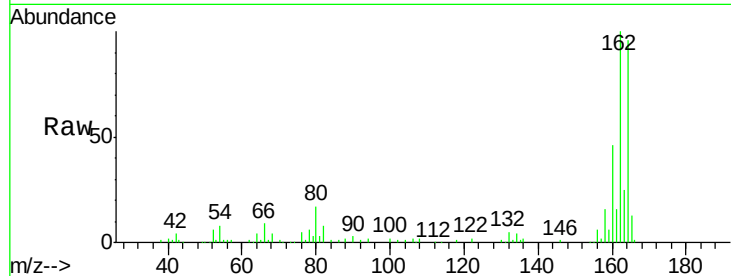




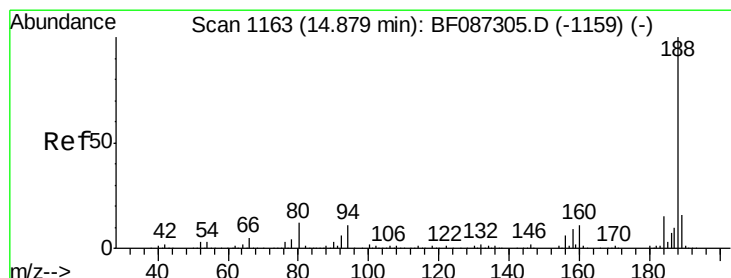
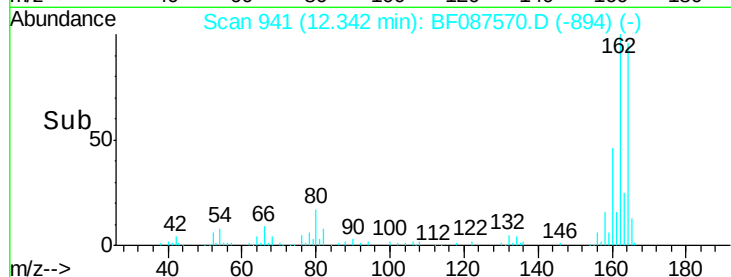
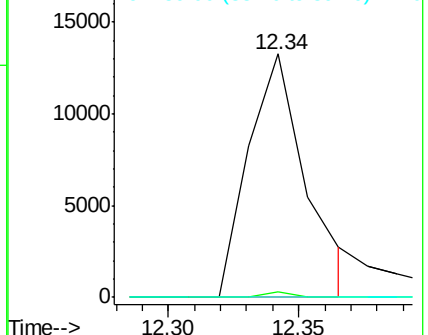
#50
 2,6-Dinitrotoluene
 Concen: 6.33 ng
 RT: 12.34 min Scan# 941
 Delta R.T. 0.24 min
 Lab File: BF087570.D
 Acq: 31 May 2016 2:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Tgt Ion:165 Resp: 20396
 Ion Ratio Lower Upper
 165 100
 63 2.3 51.8 77.8#
 89 0.0 50.7 76.1#

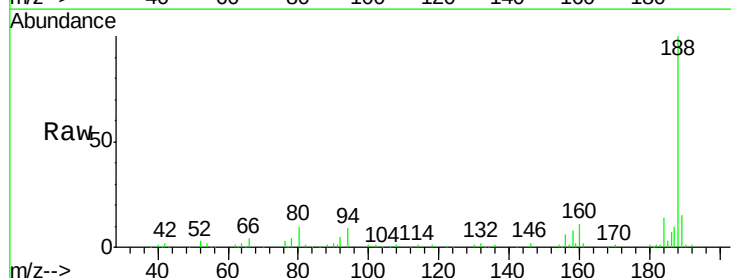


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

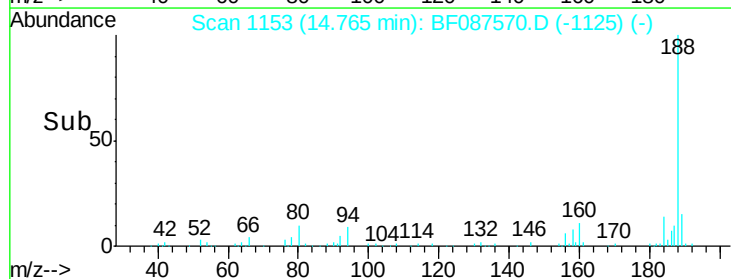
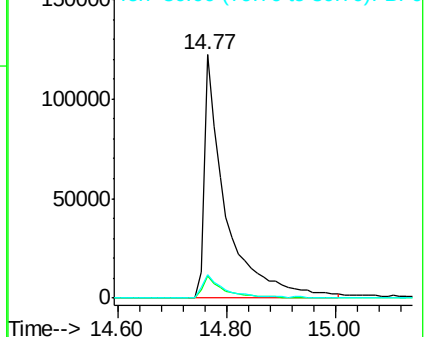


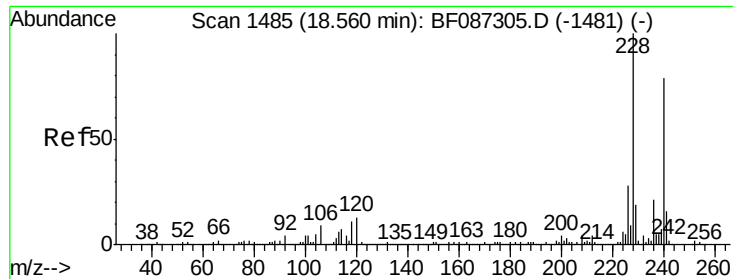
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.02 min
 Lab File: BF087570.D
 Acq: 31 May 2016 2:45

Tgt Ion:188 Resp: 334434
 Ion Ratio Lower Upper
 188 100
 94 9.1 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: 18.49 min Scan# 1479

Delta R.T. 0.05 min

Lab File: BF087570.D

Acq: 31 May 2016 2:45

Instrument :

BNA_F

ClientSampleId :

MW-26

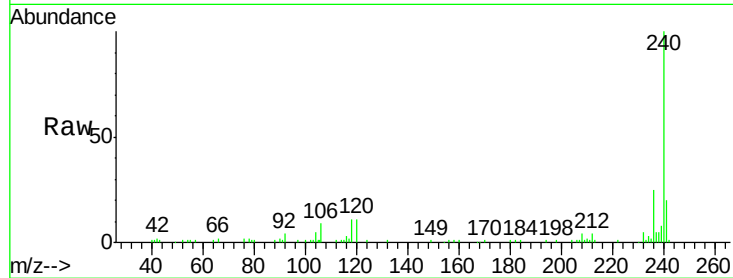
Tgt Ion:240 Resp: 244208

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

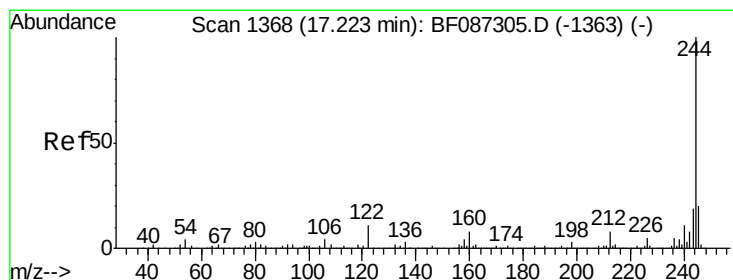
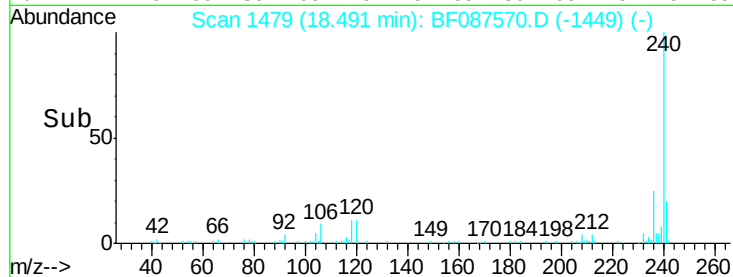
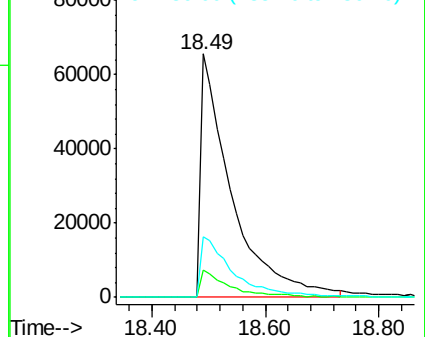
236 25.0 21.2 31.8



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: 97.20 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF087570.D

Acq: 31 May 2016 2:45

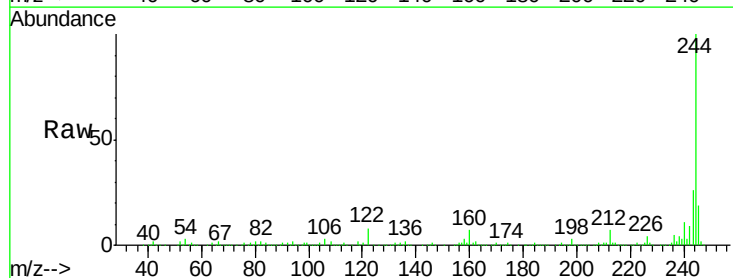
Tgt Ion:244 Resp: 1116517

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

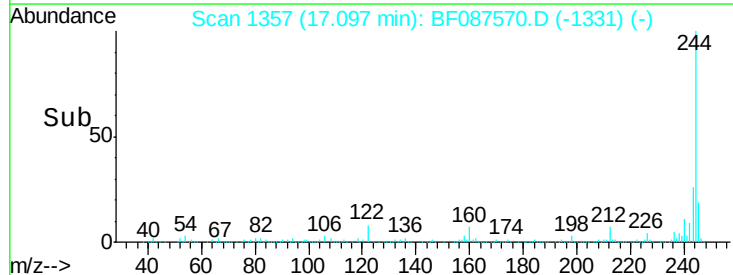
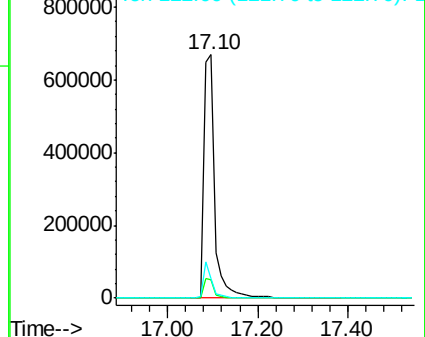
122 8.1 12.0 18.0#

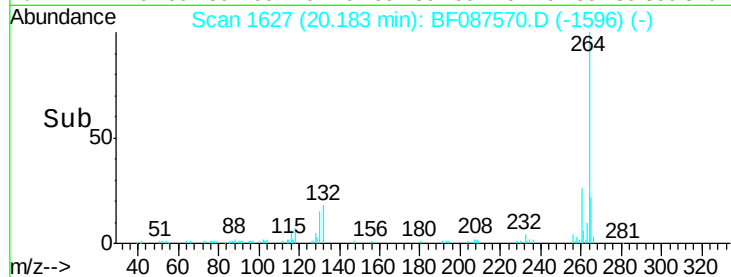
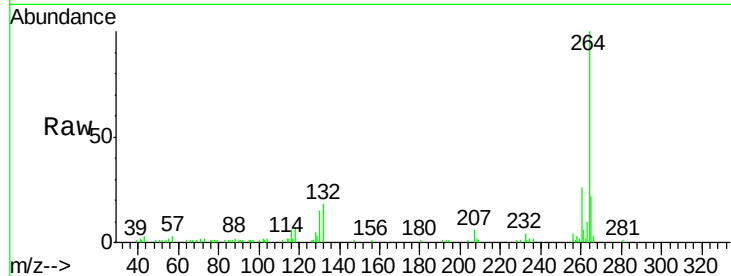
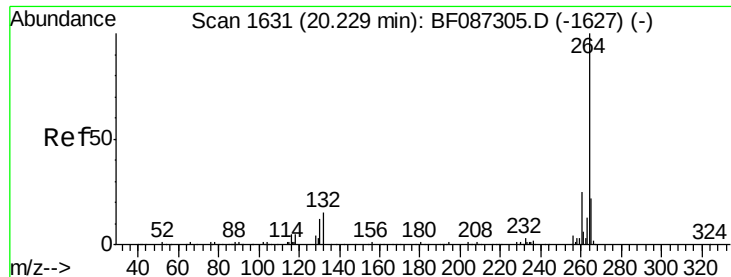


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.18 min Scan# 1627

Delta R.T. 0.06 min

Lab File: BF087570.D

Acq: 31 May 2016 2:45

Instrument :

BNA_F

ClientSampleId :

MW-26

Tgt Ion:264 Resp: 197824

Ion Ratio Lower Upper

264 100

260 26.2 19.5 29.3

265 21.9 17.3 25.9

