

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085479.D
 Acq On : 16 Mar 2016 23:27
 Operator : UM/SJ
 Sample : H1791-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1603094189

Quant Time: Mar 17 00:53:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

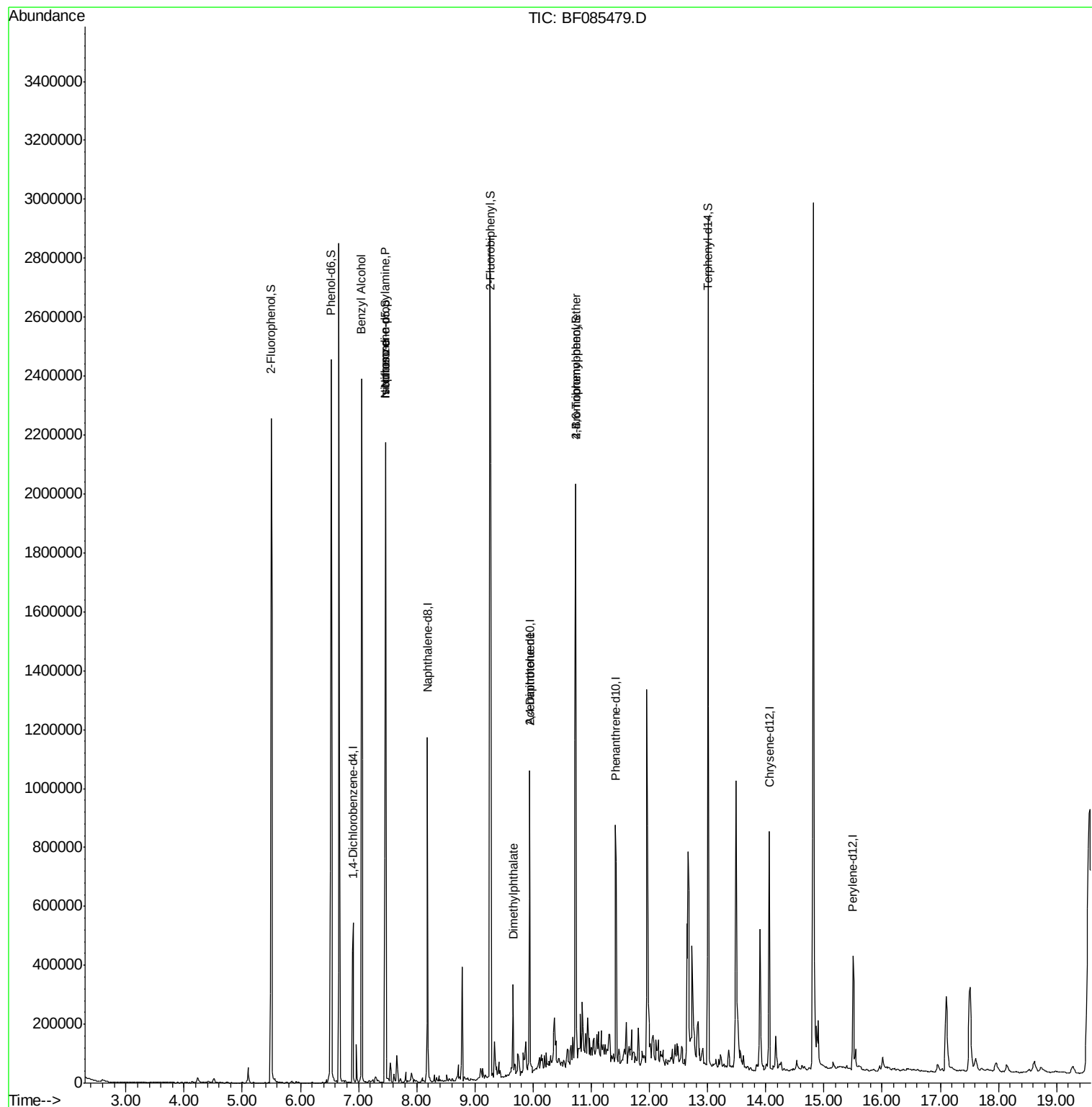
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116131	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	493071	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	223391	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	408848	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	258016	20.00	ng	-0.02
86) Perylene-d12	15.50	264	197715	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	918842	136.01	ng	-0.01
7) Phenol-d6	6.53	99	1073423	122.49	ng	-0.02
23) Nitrobenzene-d5	7.46	82	749339	89.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	290439	141.16	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1243578	96.58	ng	-0.02
78) Terphenyl-d14	13.01	244	1019465	89.38	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.05	79	22123	3.53	ng	# 77
19) n-Nitroso-di-n-propylamine	7.46	70	101746	19.39	ng	# 75
25) Isophorone	7.46	82	557024	32.76	ng	# 67
49) Dimethylphthalate	9.66	163	145975	8.96	ng	98
56) 2,4-Dinitrotoluene	9.94	165	28157	6.23	ng	# 23
66) 4-Bromophenyl-phenylether	10.73	248	19937	4.82	ng	# 1

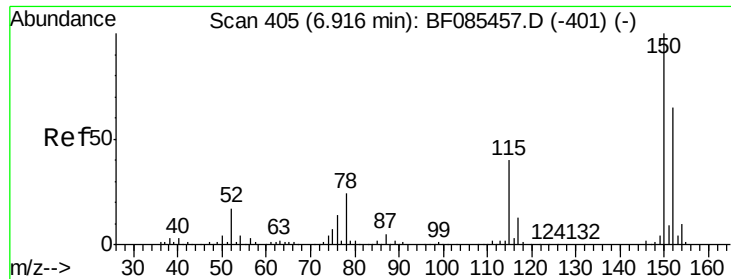
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

Instrument :

BNA_F

ClientSampleId :

1603094189

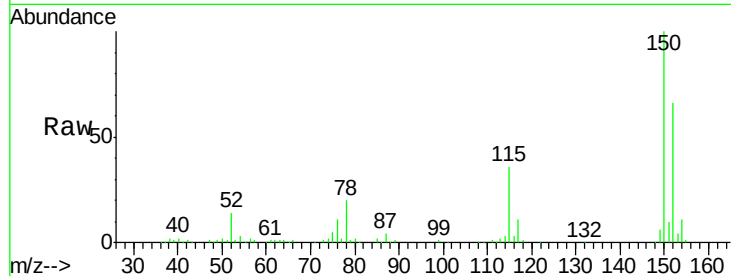
Tgt Ion:152 Resp: 116131

Ion Ratio Lower Upper

152 100

150 151.7 124.6 186.8

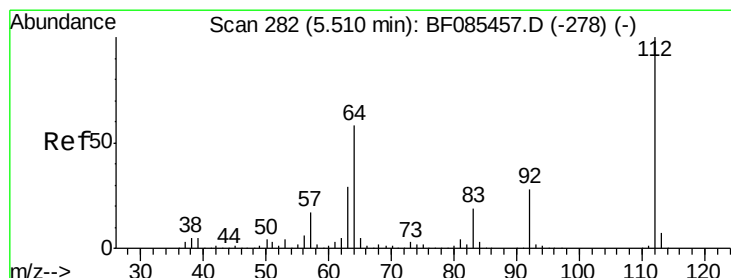
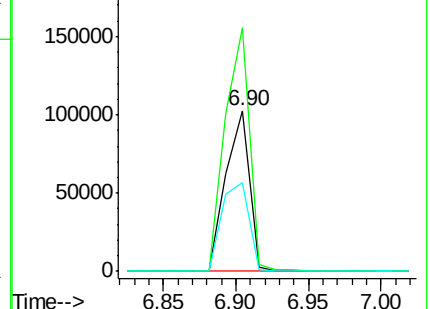
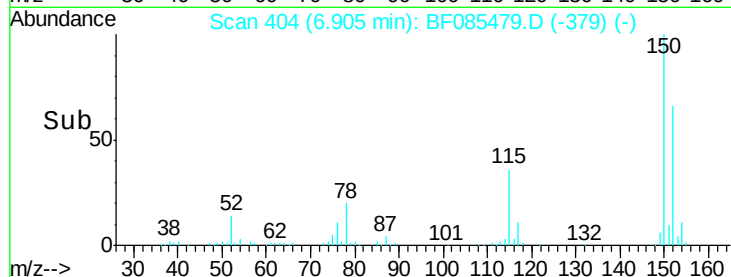
115 55.2 46.6 70.0



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: 136.01 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

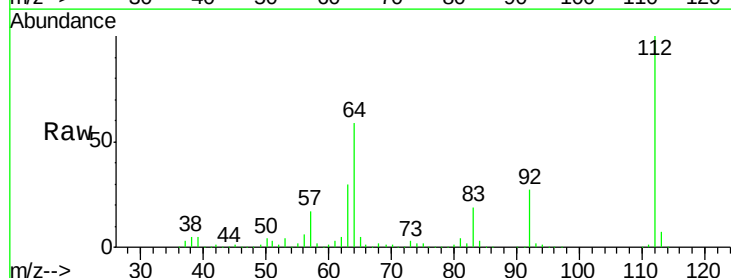
Tgt Ion:112 Resp: 918842

Ion Ratio Lower Upper

112 100

64 59.2 49.0 73.4

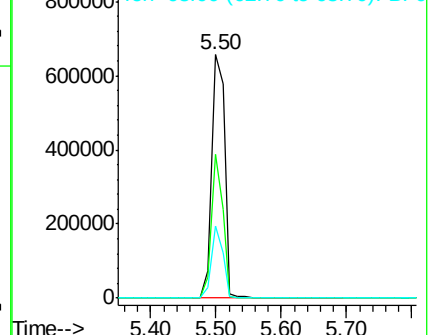
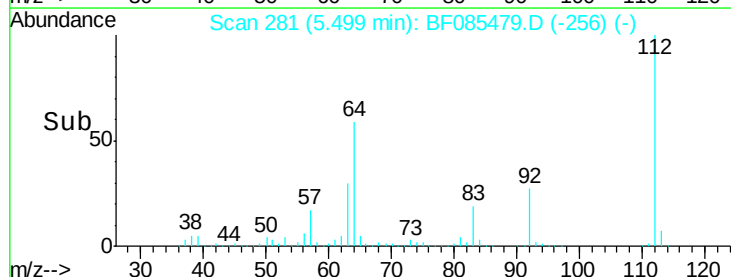
63 29.7 24.8 37.2

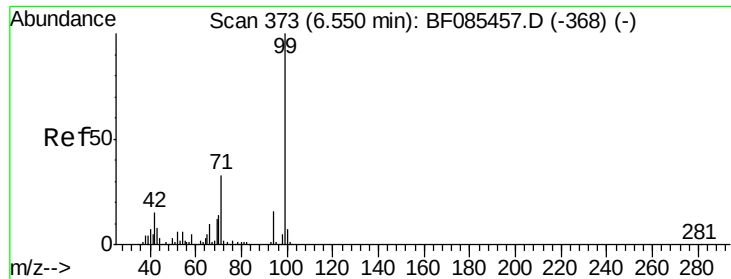


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.49 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

Instrument :

BNA_F

ClientSampleId :

1603094189

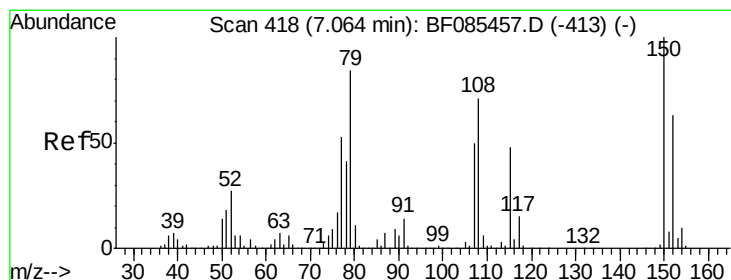
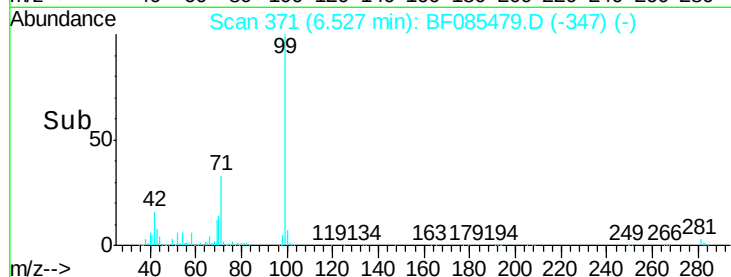
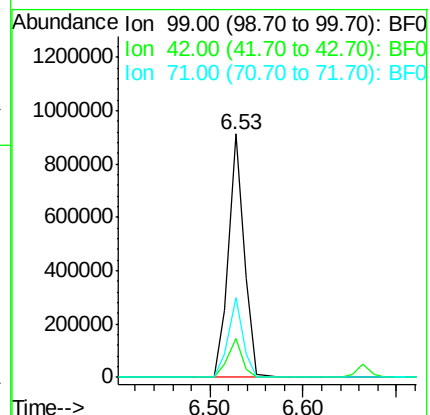
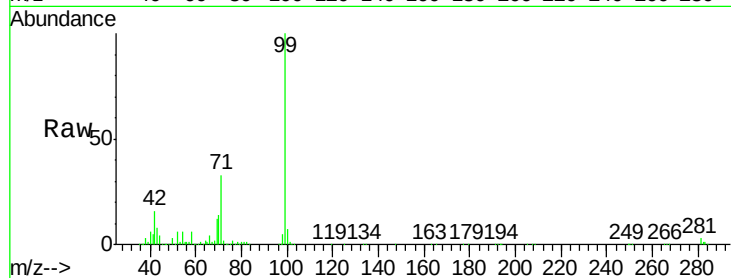
Tgt Ion: 99 Resp: 1073423

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 32.8 26.7 40.1



#15

Benzyl Alcohol

Concen: 3.53 ng

RT: 7.05 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

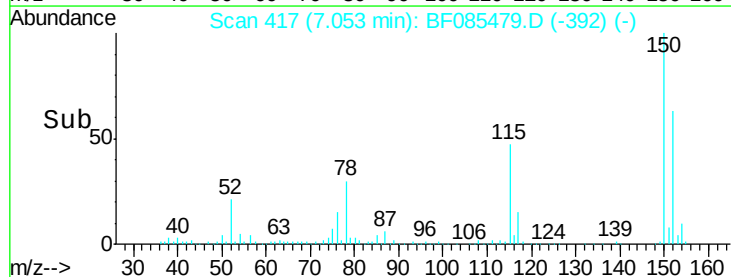
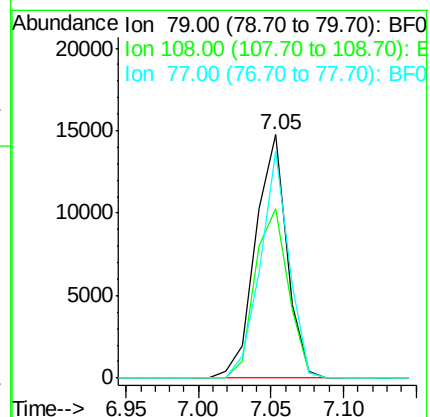
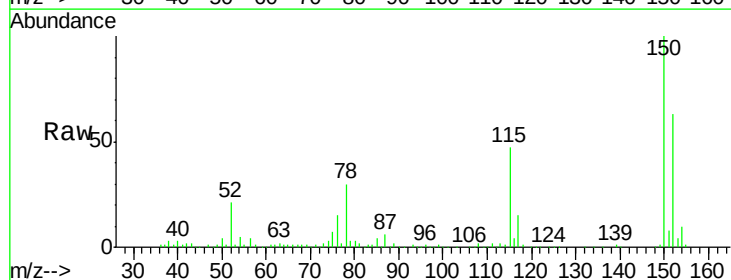
Tgt Ion: 79 Resp: 22123

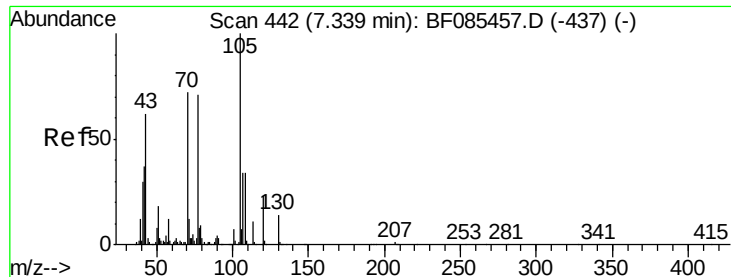
Ion Ratio Lower Upper

79 100

108 69.7 62.9 94.3

77 93.0 49.5 74.3#

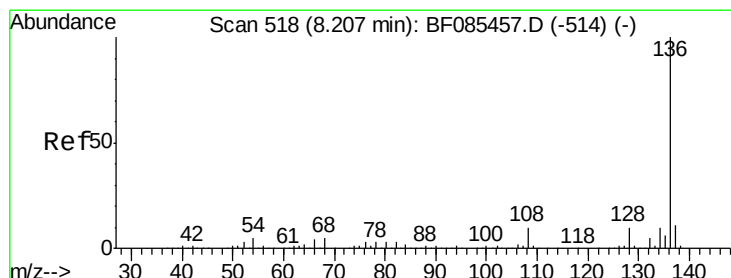
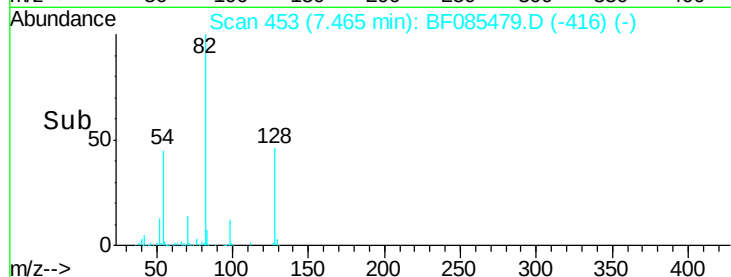
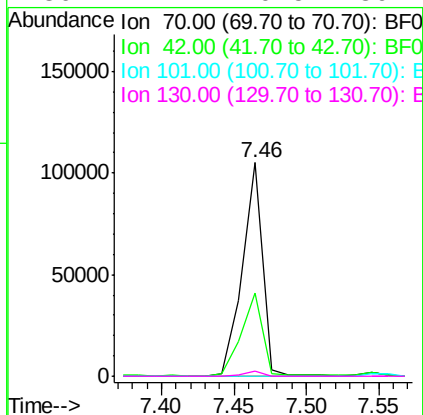
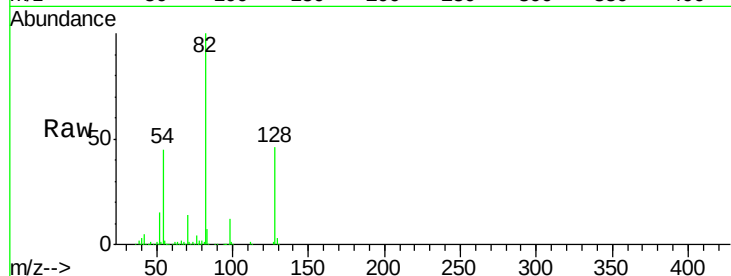




#19
n-Nitroso-di-n-propylamine
Concen: 19.39 ng
RT: 7.46 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF085479.D
Acq: 16 Mar 2016 23:27

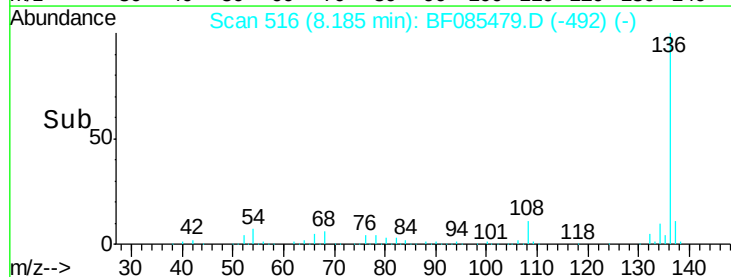
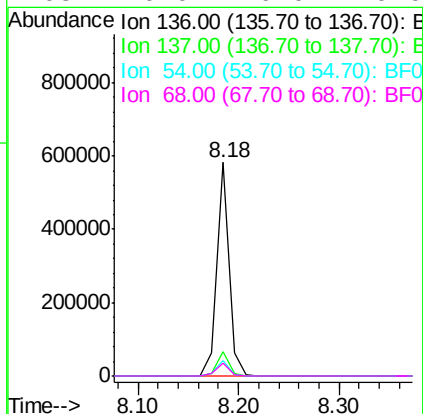
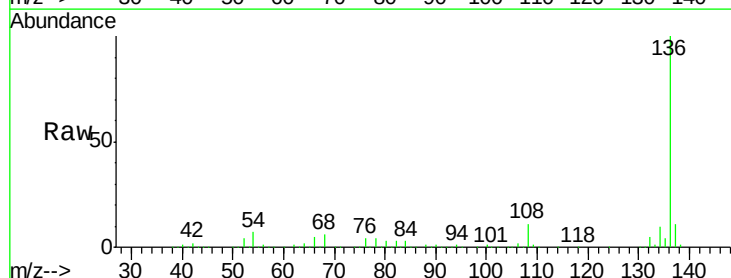
Instrument :
BNA_F
ClientSampleId :
1603094189

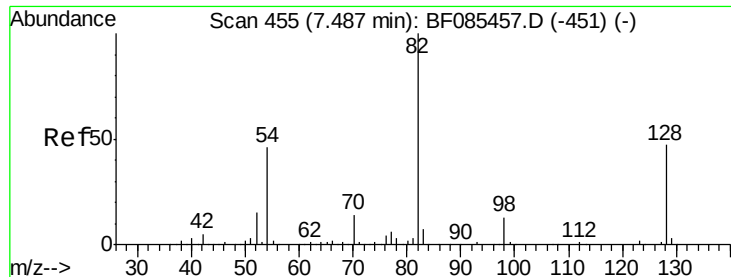
Tgt Ion: 70 Resp: 101746
Ion Ratio Lower Upper
70 100
42 38.8 37.7 56.5
101 0.0 8.2 12.4#
130 2.4 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085479.D
Acq: 16 Mar 2016 23:27

Tgt Ion: 136 Resp: 493071
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 7.1 7.4 11.2#
68 6.0 6.0 9.0

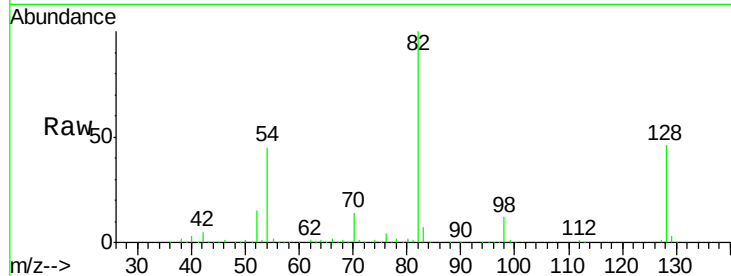




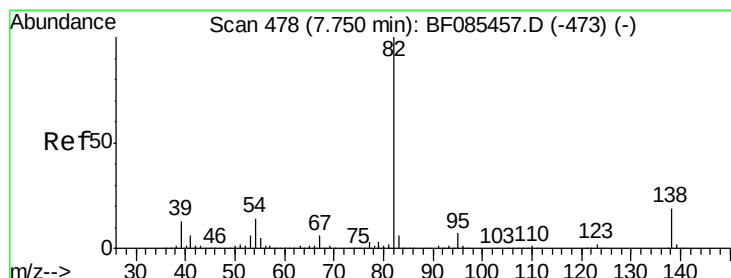
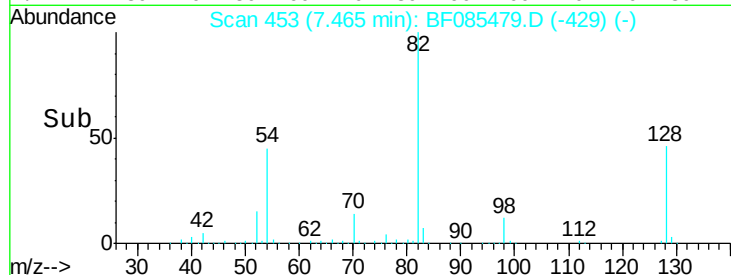
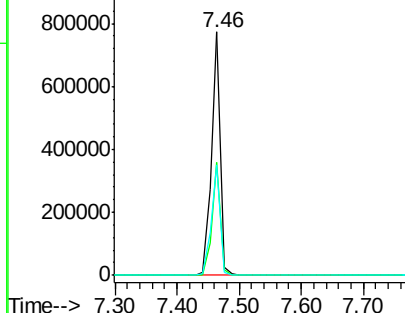
#23
 Nitrobenzene-d5
 Concen: 89.86 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085479.D
 Acq: 16 Mar 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 1603094189

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.5	51.7
54	45.3	39.3	58.9

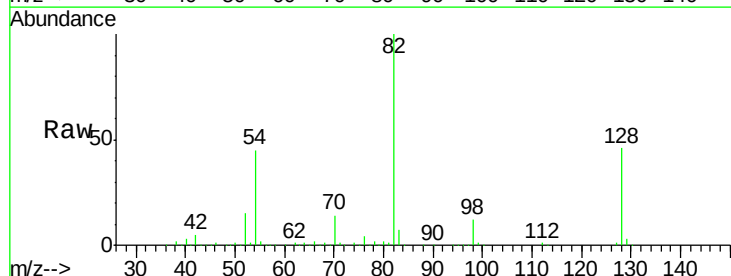


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

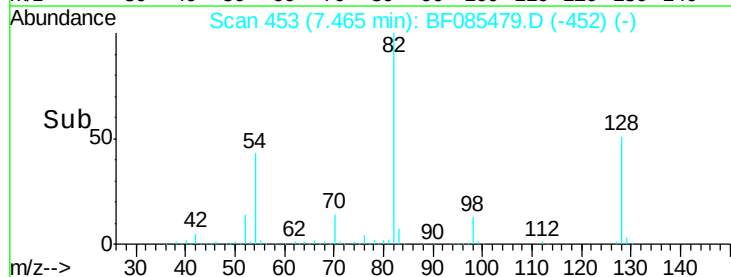
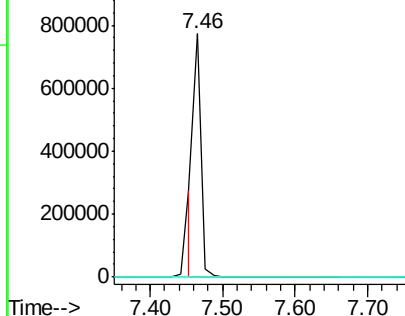


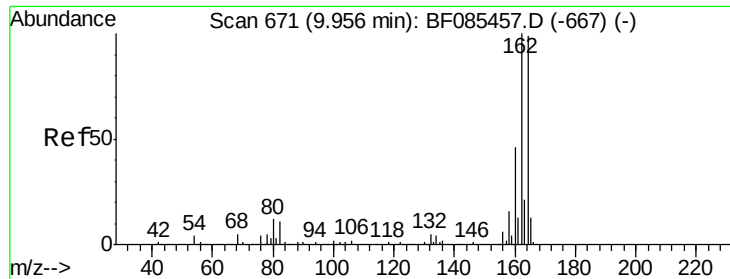
#25
 Isophorone
 Concen: 32.76 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.29 min
 Lab File: BF085479.D
 Acq: 16 Mar 2016 23:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	13.3	19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

Instrument :

BNA_F

ClientSampleId :

1603094189

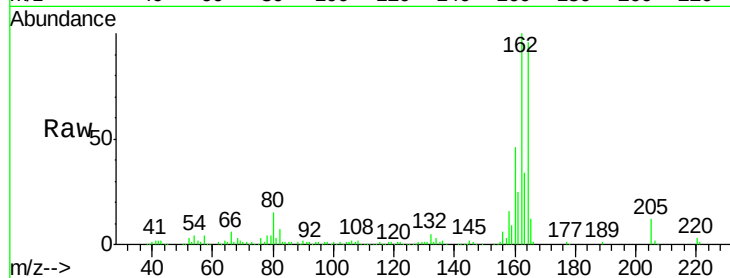
Tgt Ion:164 Resp: 223391

Ion Ratio Lower Upper

164 100

162 104.5 83.3 124.9

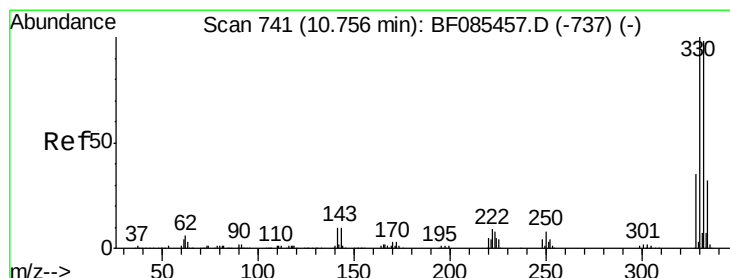
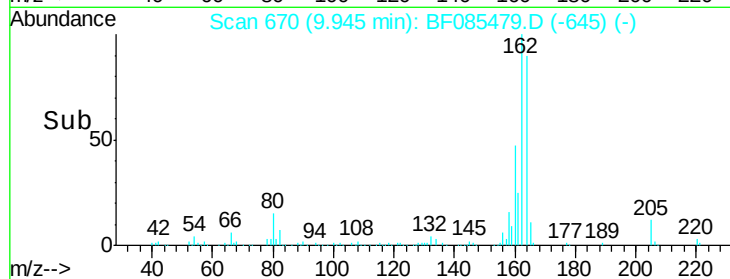
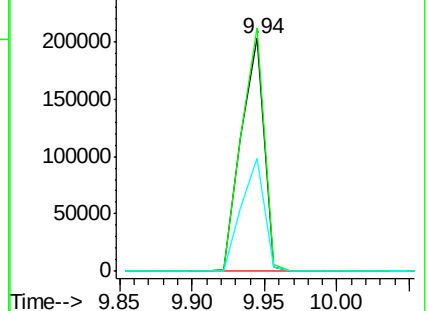
160 48.4 37.9 56.9



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: 141.16 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

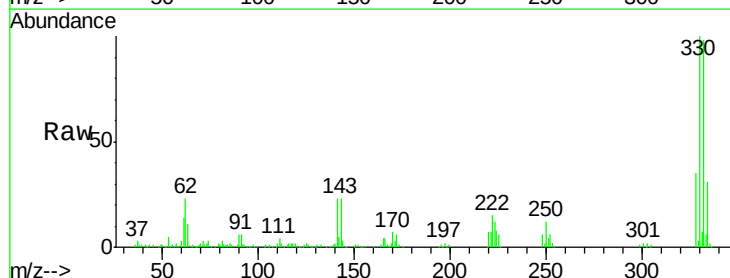
Tgt Ion:330 Resp: 290439

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

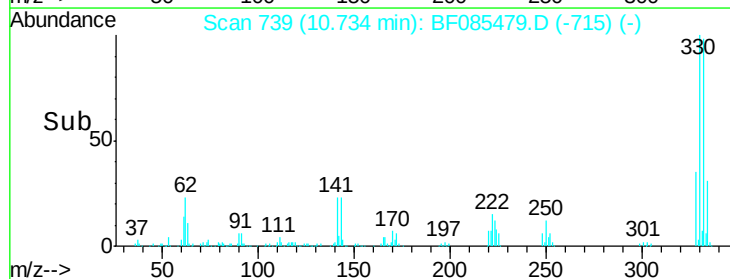
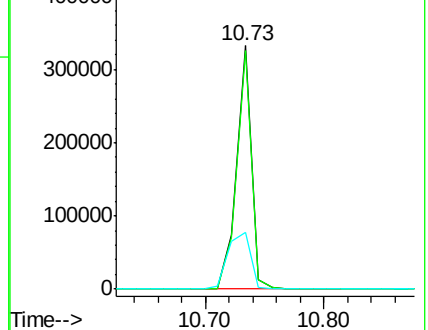
141 34.8 35.0 52.6#

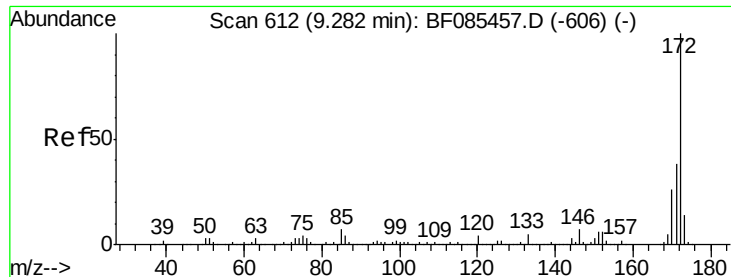


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

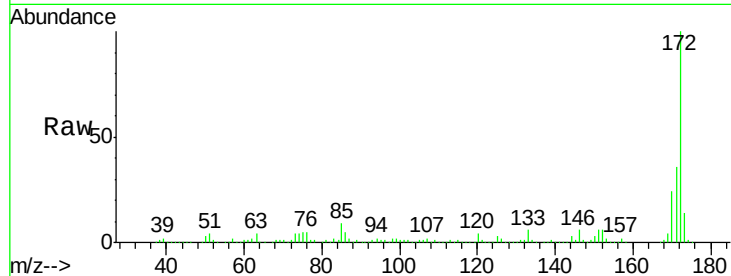




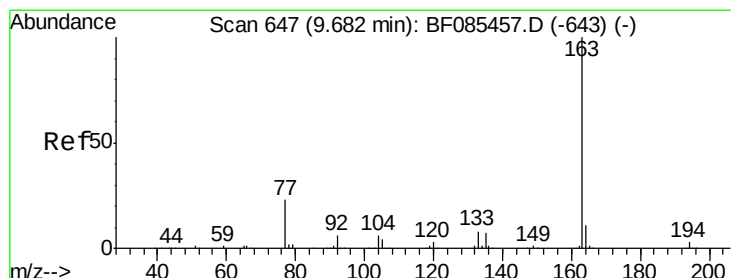
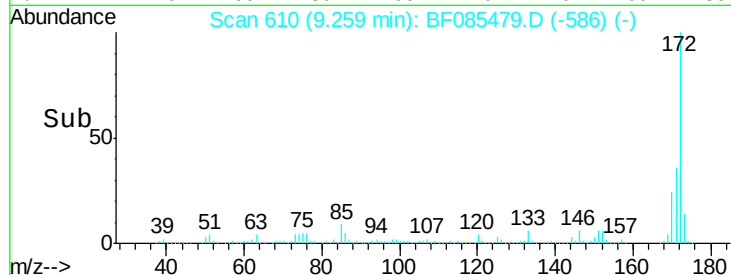
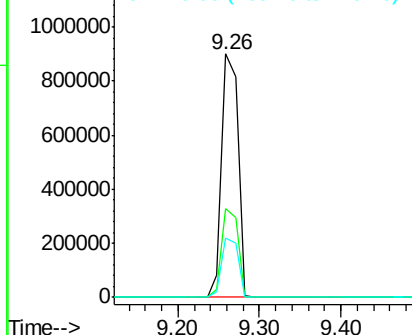
#44
2-Fluorobiphenyl
Concen: 96.58 ng
RT: 9.26 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF085479.D
Acq: 16 Mar 2016 23:27

Instrument :
BNA_F
ClientSampleId :
1603094189

Tgt Ion:172 Resp: 1243578
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.5 20.0 30.0

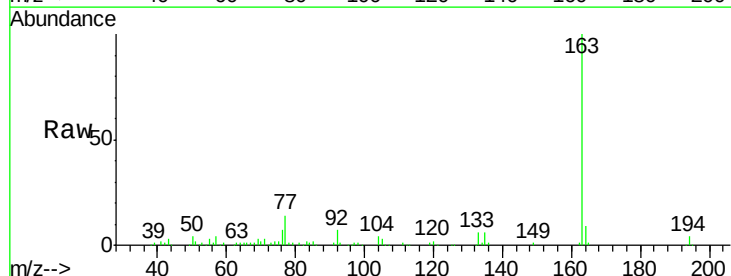


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

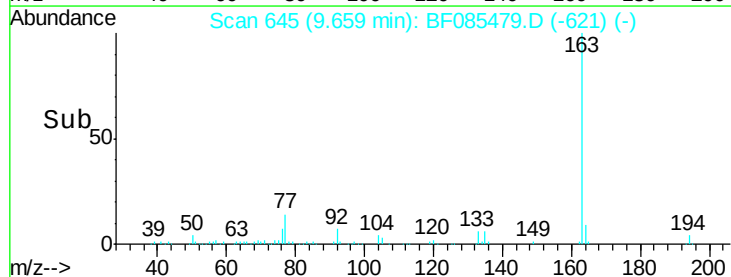
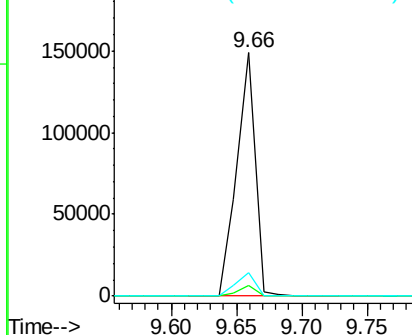


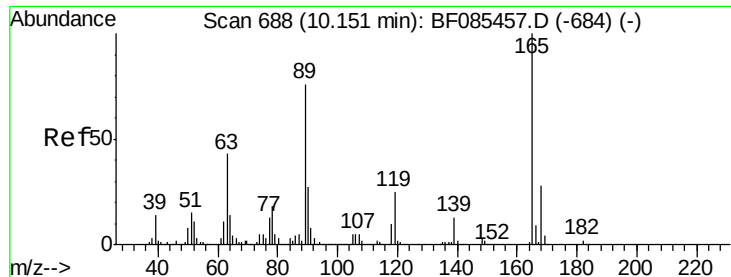
#49
Dimethylphthalate
Concen: 8.96 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF085479.D
Acq: 16 Mar 2016 23:27

Tgt Ion:163 Resp: 145975
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.4 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

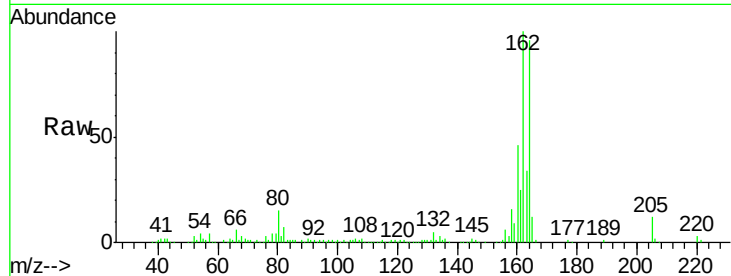




#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF085479.D
 Acq: 16 Mar 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 1603094189

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	35.4	53.0#
89	2.6	61.9	92.9#
182	0.0	1.9	2.9#

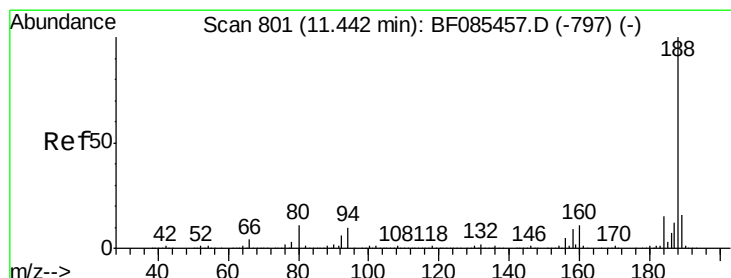
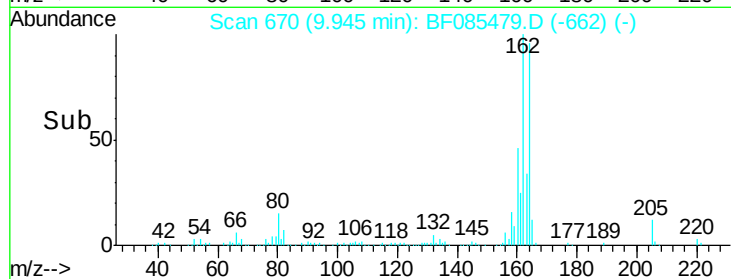
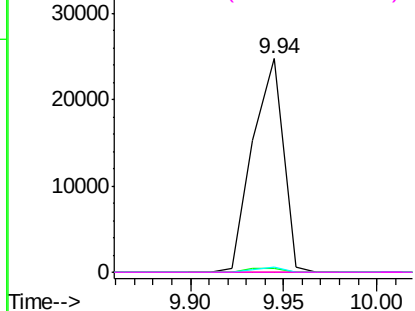


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

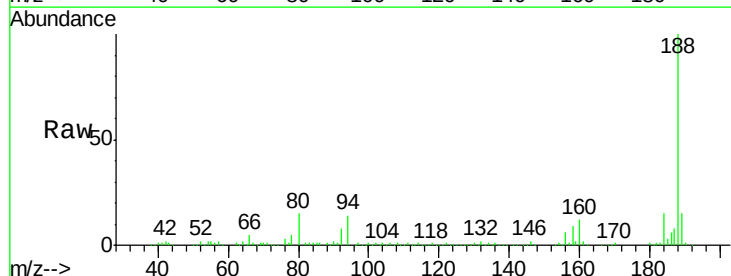
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF085479.D
 Acq: 16 Mar 2016 23:27

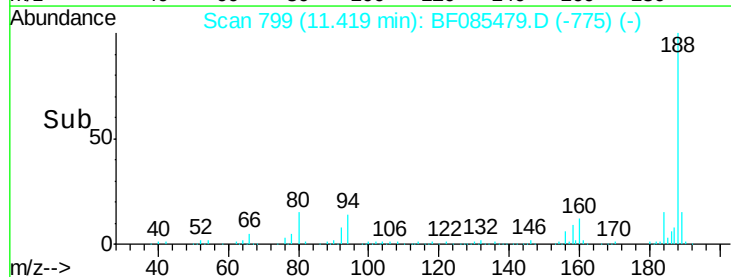
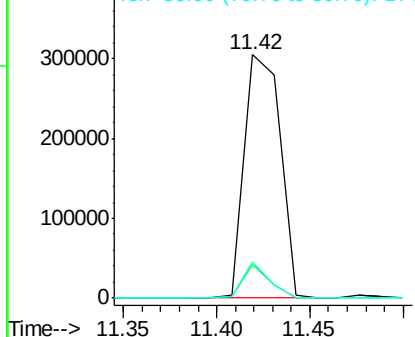
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.8	7.0	10.6#
80	15.0	7.4	11.0#

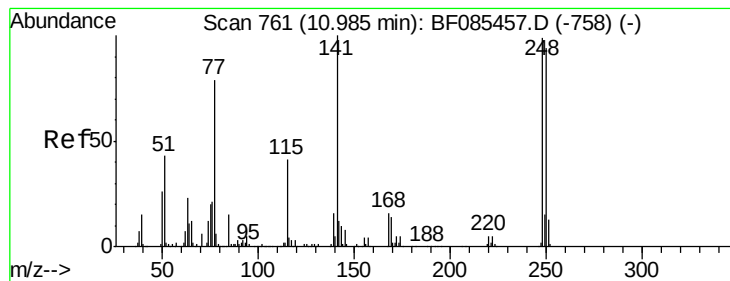


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.82 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.25 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

Instrument :

BNA_F

ClientSampleId :

1603094189

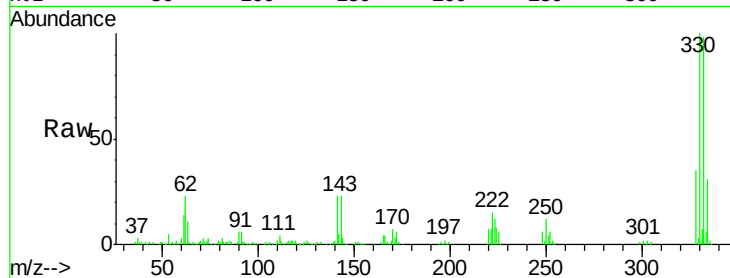
Tgt Ion:248 Resp: 19937

Ion Ratio Lower Upper

248 100

250 195.2 77.1 115.7#

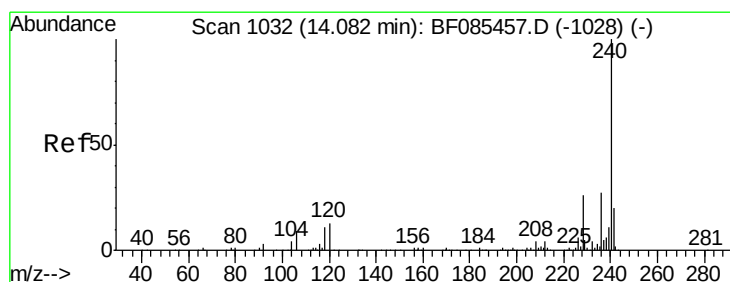
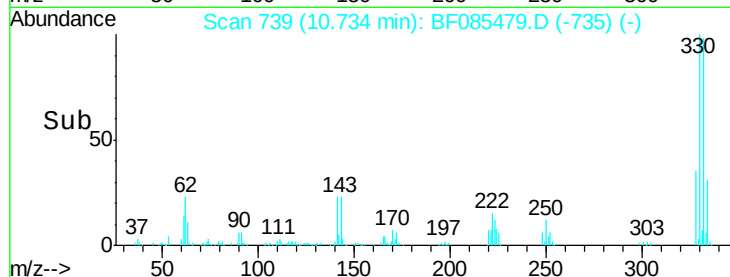
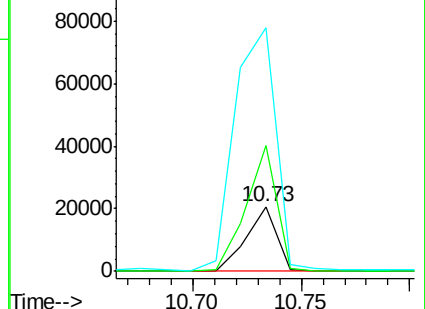
141 376.8 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

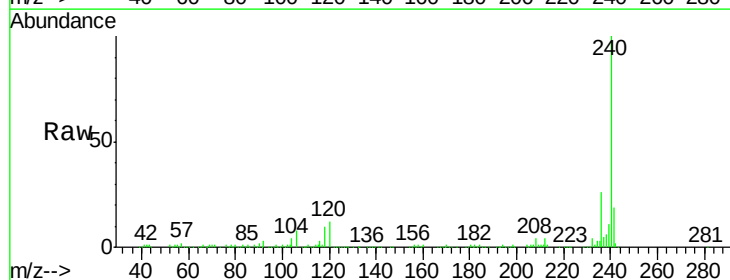
Tgt Ion:240 Resp: 258016

Ion Ratio Lower Upper

240 100

120 11.9 5.3 7.9#

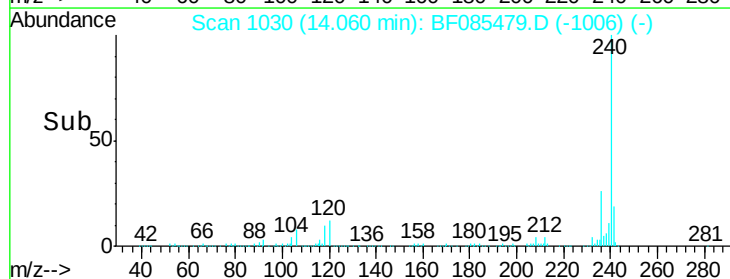
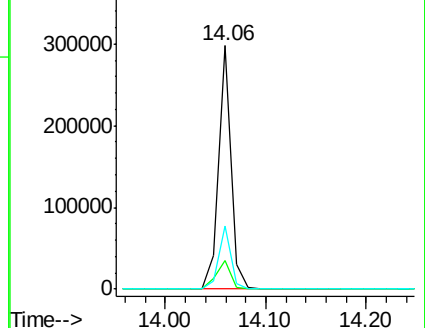
236 26.0 20.7 31.1

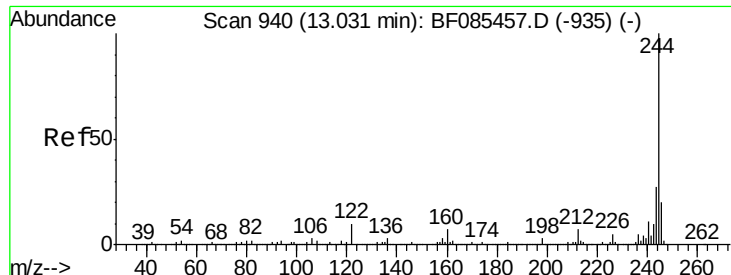


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.38 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

Instrument :

BNA_F

ClientSampleId :

1603094189

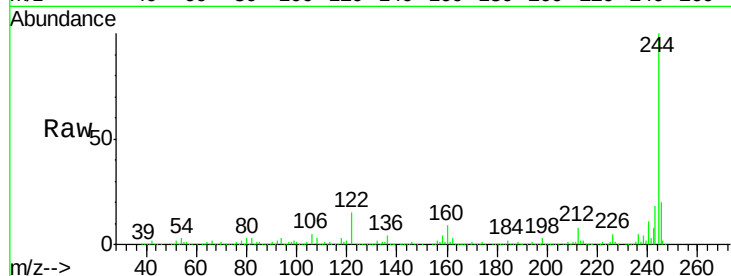
Tgt Ion:244 Resp: 1019465

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

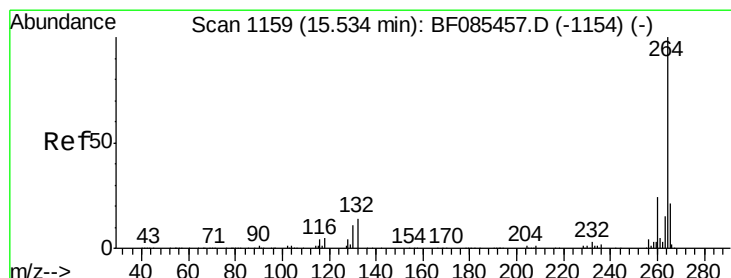
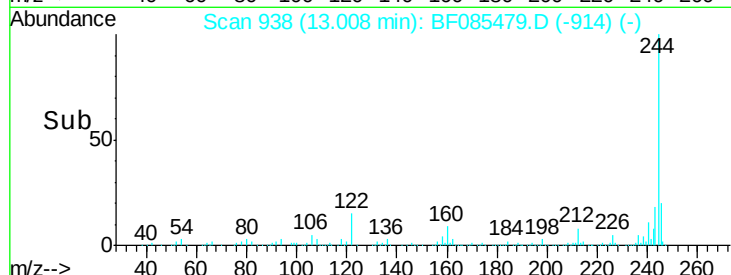
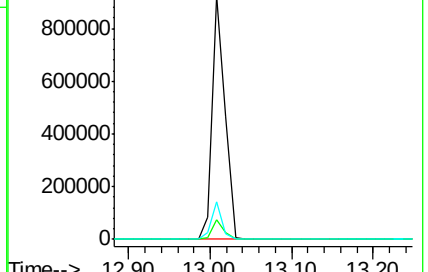
122 15.2 11.4 17.2



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: 15.50 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF085479.D

Acq: 16 Mar 2016 23:27

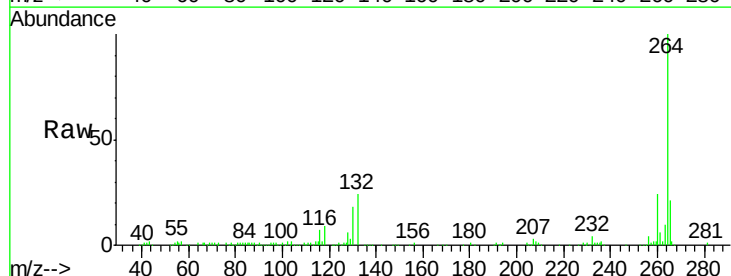
Tgt Ion:264 Resp: 197715

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.4 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

