

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085487.D
 Acq On : 17 Mar 2016 3:24
 Operator : UM/SJ
 Sample : H1792-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Mar 17 03:07:07 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

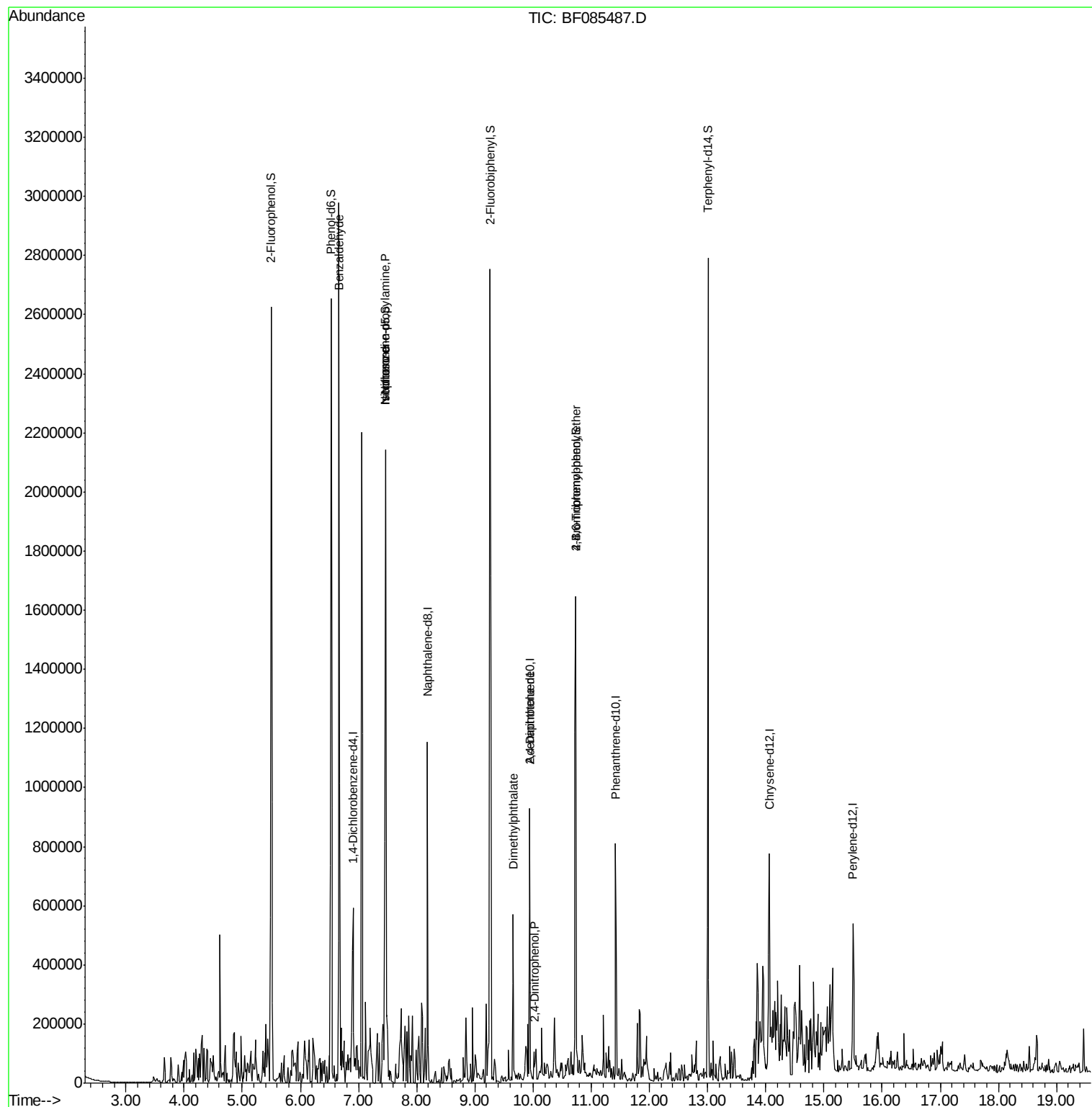
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	117420	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	476790	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	210810	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	356279	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	212327	20.00	ng	-0.02
86) Perylene-d12	15.50	264	217821	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	863659	126.43	ng	-0.01
7) Phenol-d6	6.53	99	1071716	120.95	ng	-0.02
23) Nitrobenzene-d5	7.46	82	738084	91.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	269314	138.70	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1115005	91.76	ng	-0.02
78) Terphenyl-d14	13.01	244	802597	85.51	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	22685	4.59	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.46	70	99343	18.72	ng	# 76
25) Isophorone	7.46	82	560188	34.07	ng	# 67
49) Dimethylphthalate	9.66	163	270402	17.58	ng	99
53) 2,4-Dinitrophenol	10.02	184	608	7.17	ng	# 1
56) 2,4-Dinitrotoluene	9.94	165	26337	6.18	ng	# 21
66) 4-Bromophenyl-phenylether	10.73	248	17323	4.80	ng	# 1

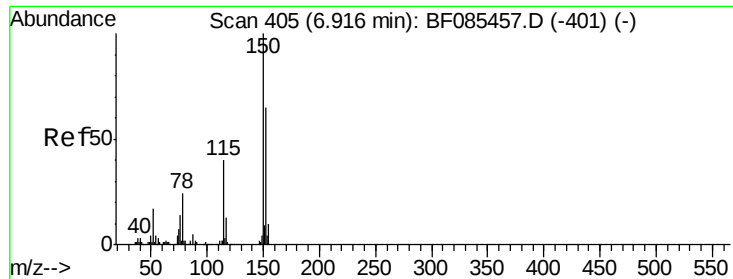
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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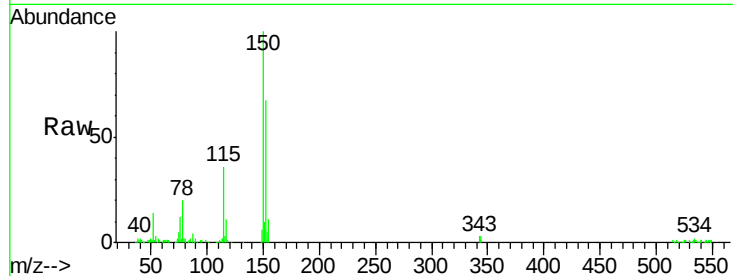


#1

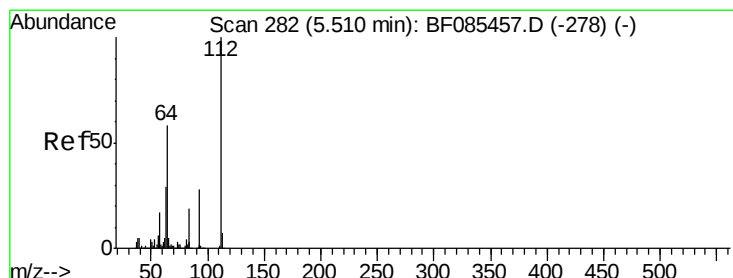
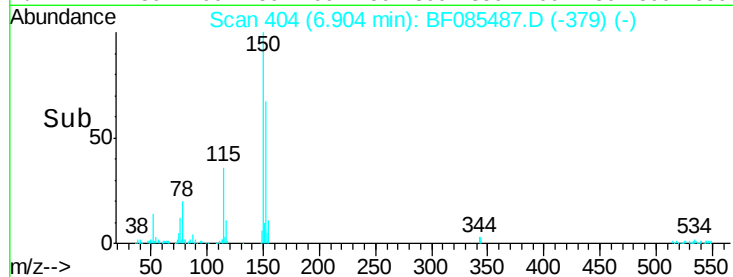
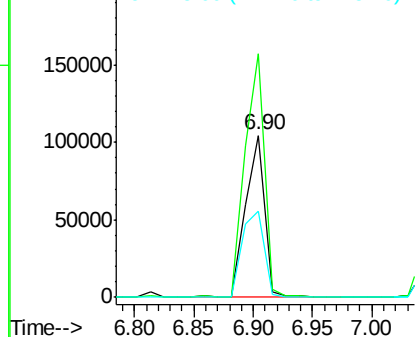
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF085487.D
Acq: 17 Mar 2016 3:24

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:152 Resp: 117420
Ion Ratio Lower Upper
152 100
150 150.2 124.6 186.8
115 53.4 46.6 70.0



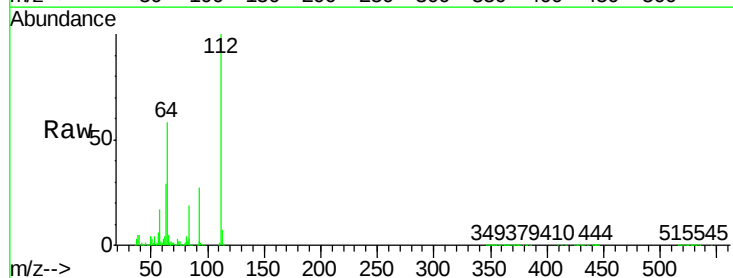
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



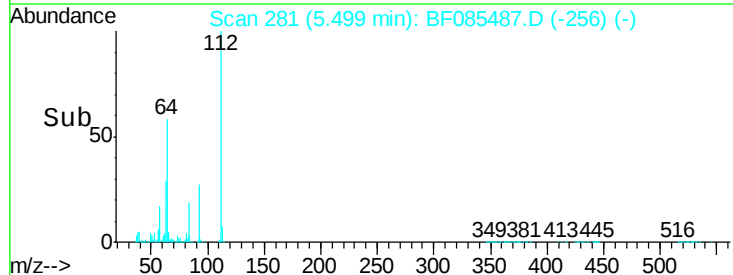
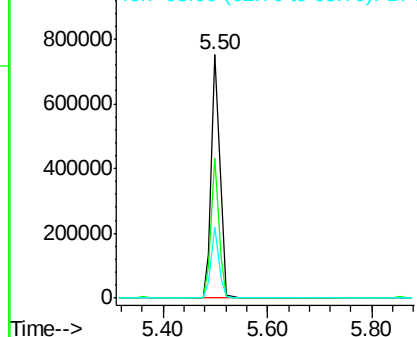
#5

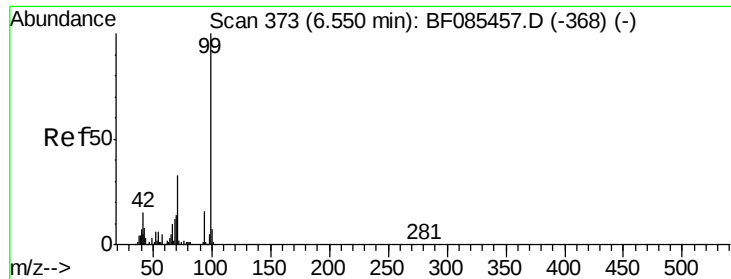
2-Fluorophenol
Concen: 126.43 ng
RT: 5.50 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF085487.D
Acq: 17 Mar 2016 3:24

Tgt Ion:112 Resp: 863659
Ion Ratio Lower Upper
112 100
64 57.7 49.0 73.4
63 29.0 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: 120.95 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

Instrument :

BNA_F

ClientSampleId :

SP-3

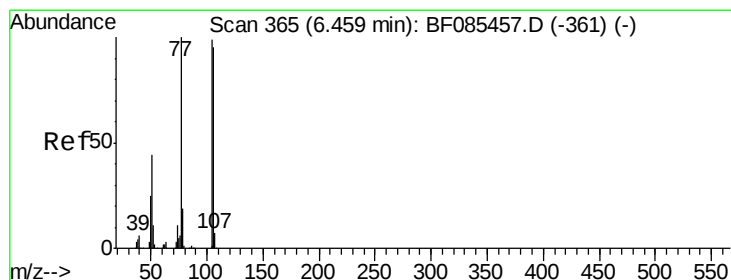
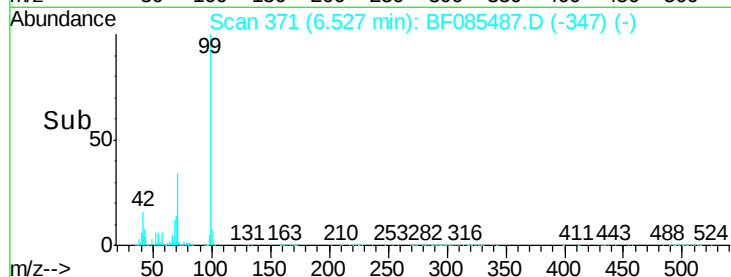
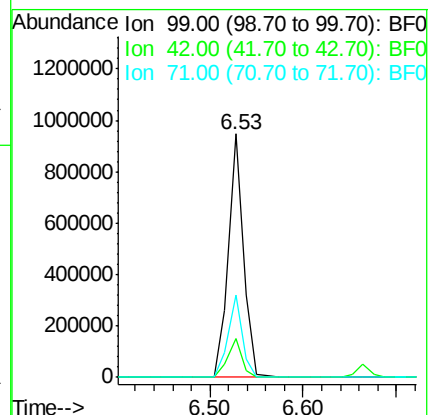
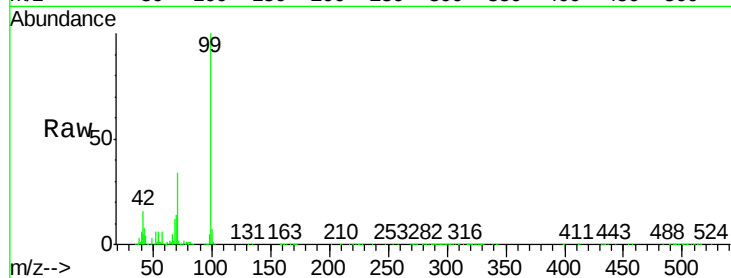
Tgt Ion: 99 Resp: 1071716

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

71 33.6 26.7 40.1



#9

Benzaldehyde

Concen: 4.59 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.21 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

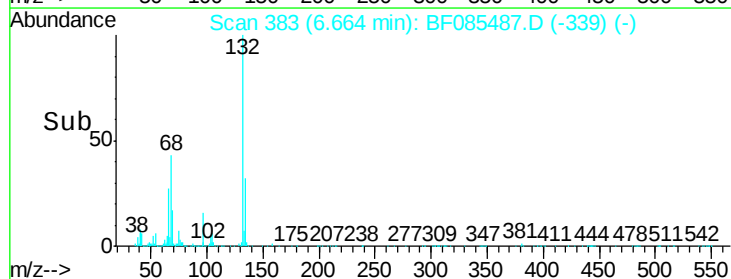
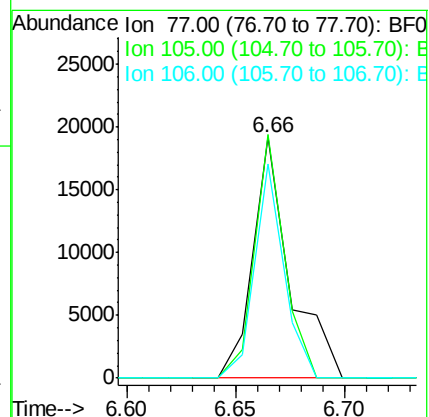
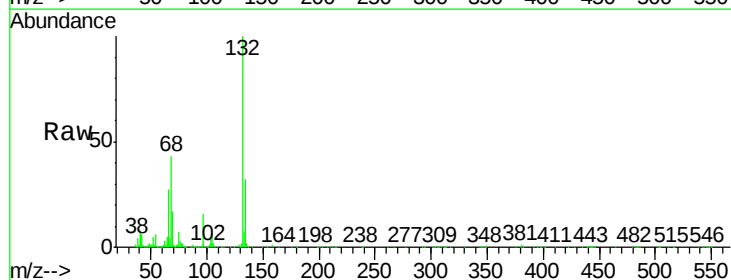
Tgt Ion: 77 Resp: 22685

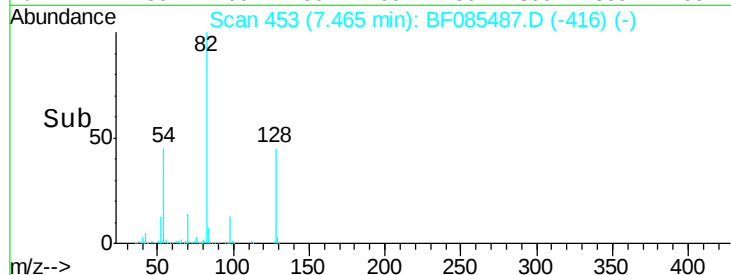
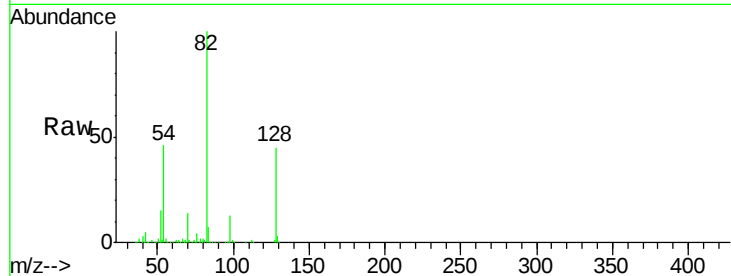
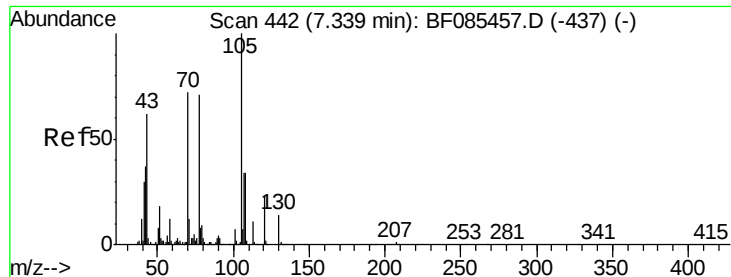
Ion Ratio Lower Upper

77 100

105 101.3 78.2 118.2

106 88.9 72.9 112.9

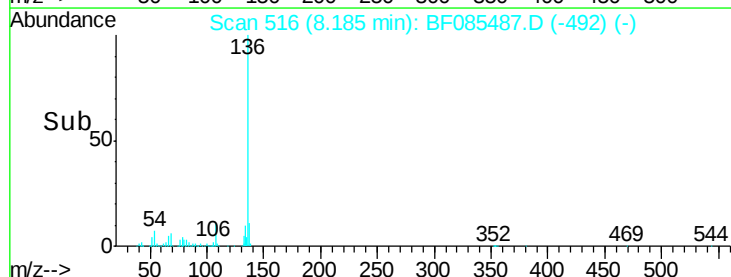
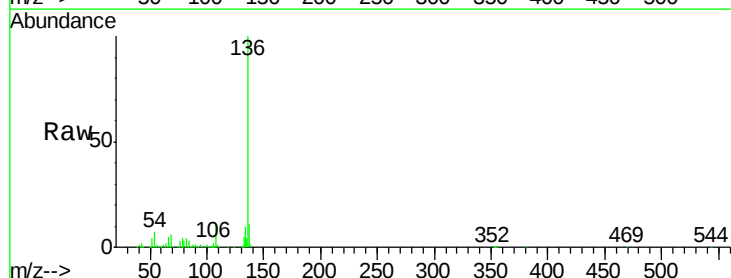
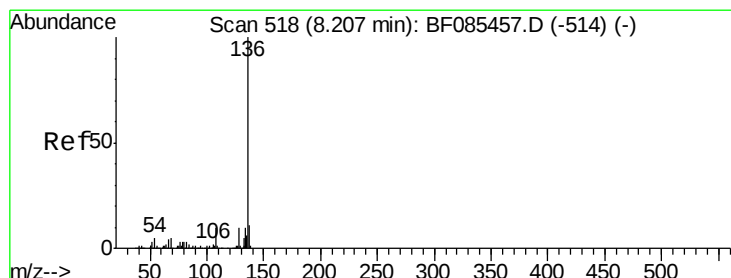
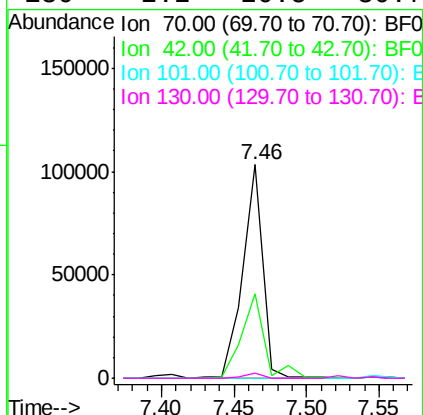




#19
n-Nitroso-di-n-propylamine
Concen: 18.72 ng
RT: 7.46 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF085487.D
Acq: 17 Mar 2016 3:24

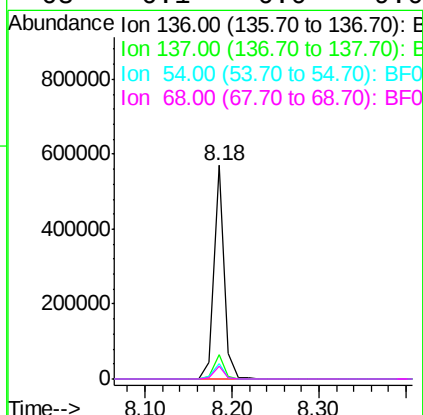
Instrument :
BNA_F
ClientSampleId :
SP-3

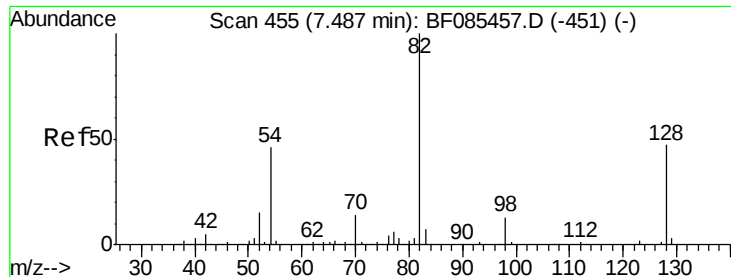
Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.8	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085487.D
Acq: 17 Mar 2016 3:24

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.4	7.4	11.2#
68	6.1	6.0	9.0





#23

Nitrobenzene-d5

Concen: 91.53 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

Instrument :

BNA_F

ClientSampleId :

SP-3

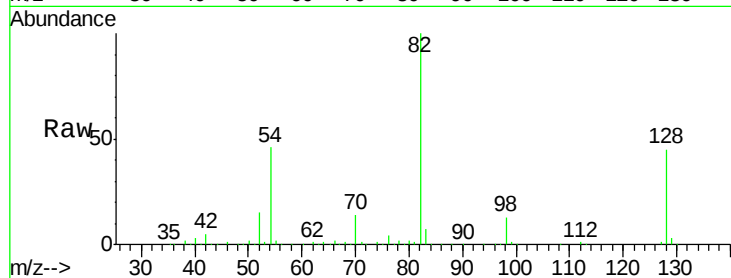
Tgt Ion: 82 Resp: 738084

Ion Ratio Lower Upper

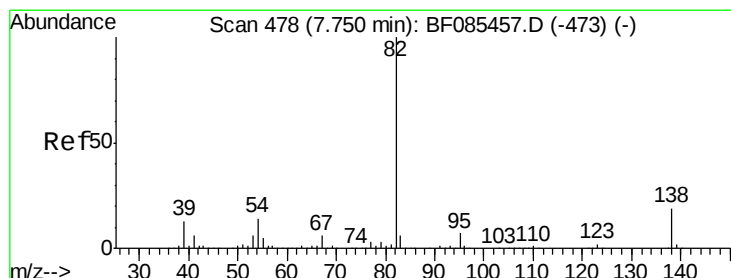
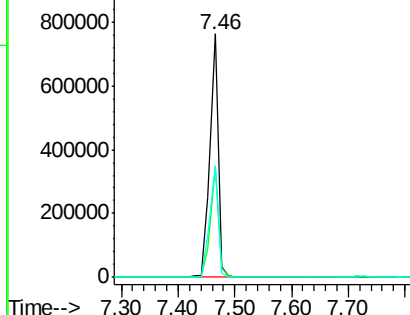
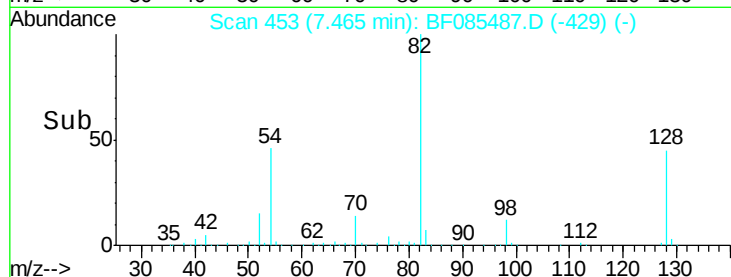
82 100

128 45.2 34.5 51.7

54 45.7 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: 34.07 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.29 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

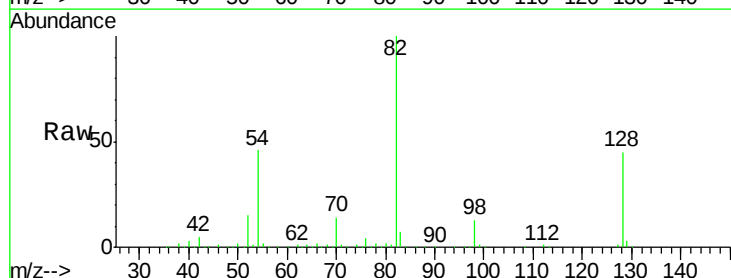
Tgt Ion: 82 Resp: 560188

Ion Ratio Lower Upper

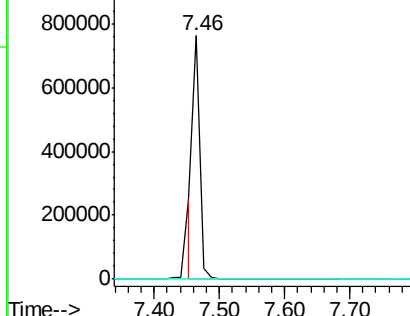
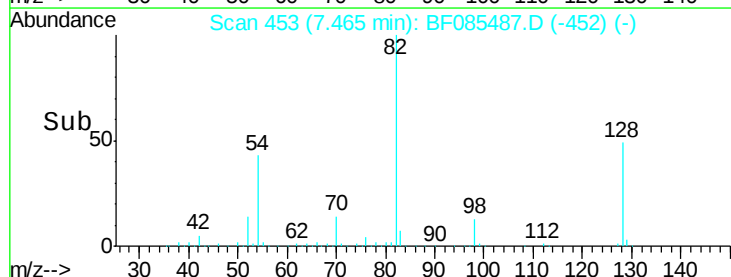
82 100

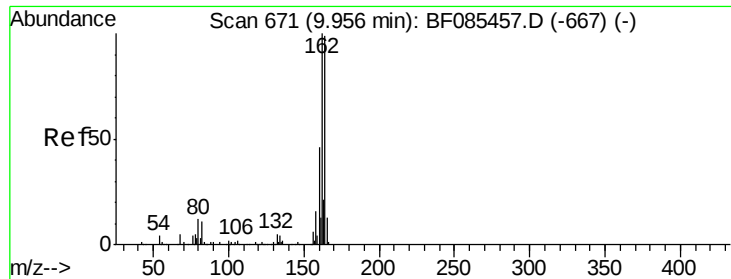
95 0.0 5.4 8.2#

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: BF085487.D

Acq: 17 Mar 2016 3:24

Instrument :

BNA_F

ClientSampleId :

SP-3

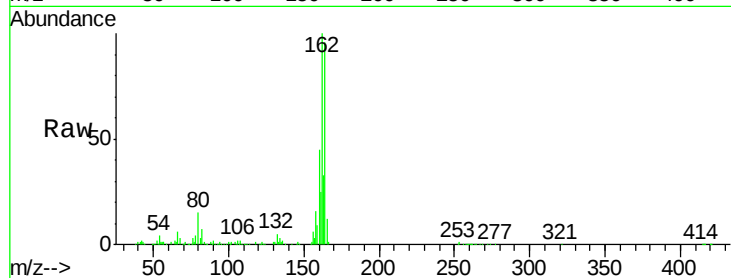
Tgt Ion:164 Resp: 210810

Ion Ratio Lower Upper

164 100

162 104.2 83.3 124.9

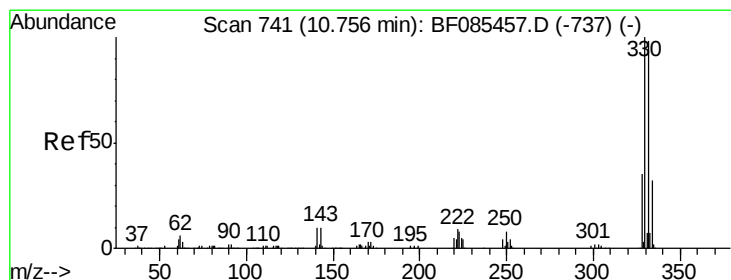
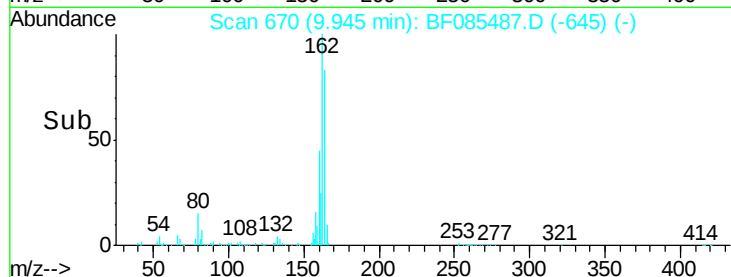
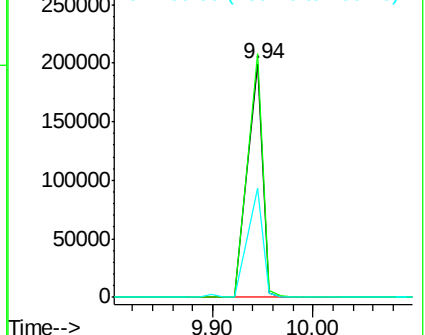
160 47.0 37.9 56.9



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: 138.70 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

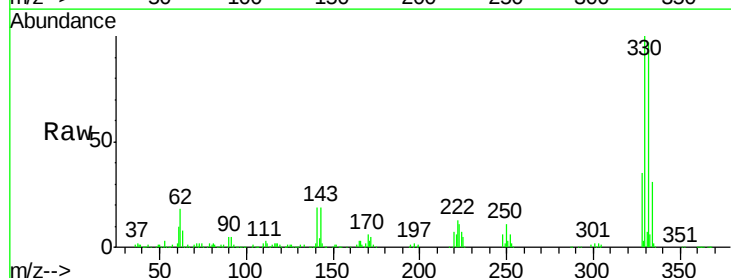
Tgt Ion:330 Resp: 269314

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

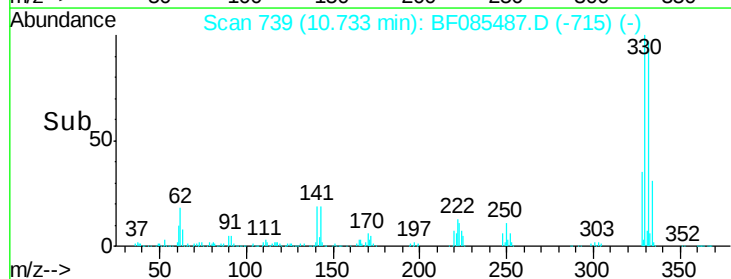
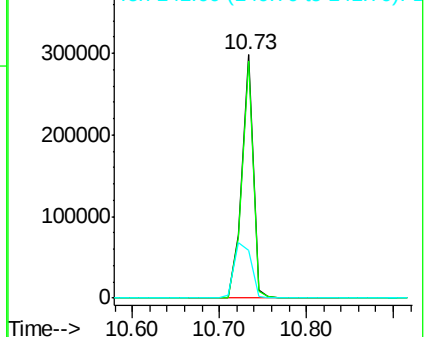
141 34.3 35.0 52.6#

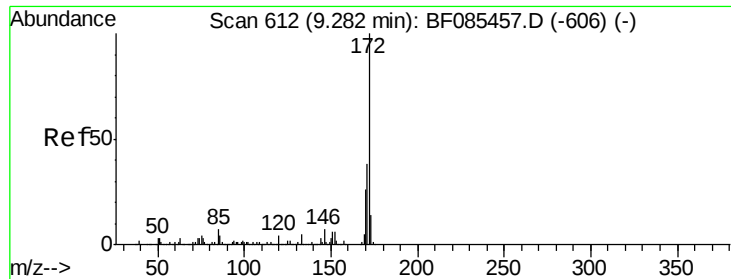


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 91.76 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

Instrument :

BNA_F

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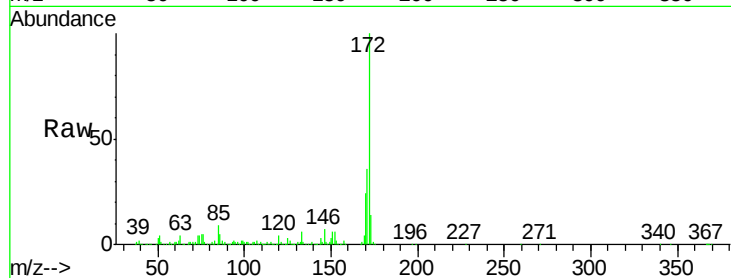
Tgt Ion:172 Resp: 1115005

Ion Ratio Lower Upper

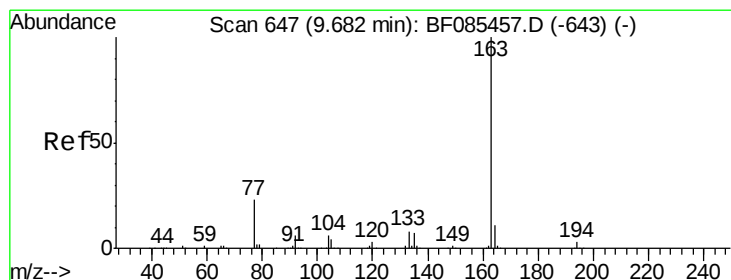
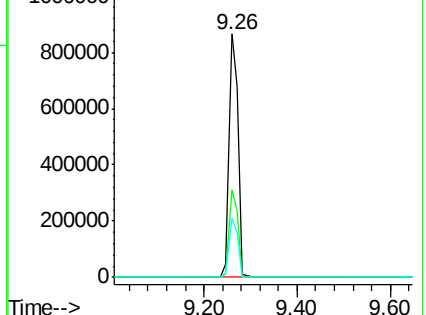
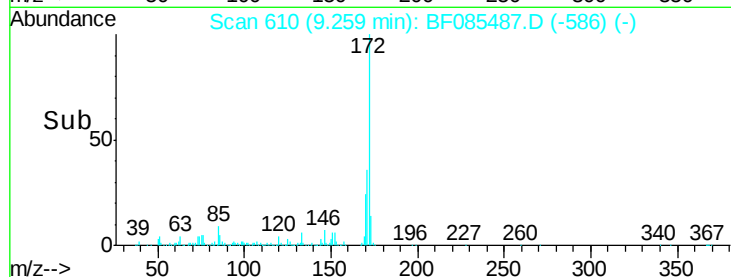
172 100

171 35.9 29.3 43.9

170 24.3 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: 17.58 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

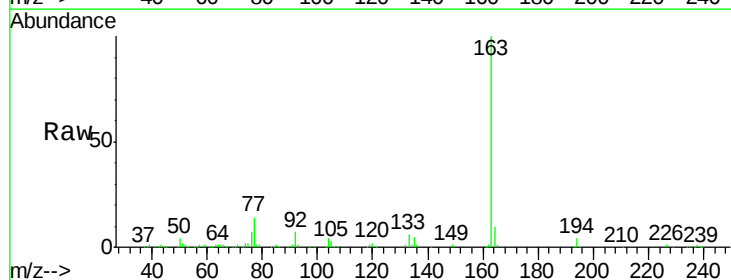
Tgt Ion:163 Resp: 270402

Ion Ratio Lower Upper

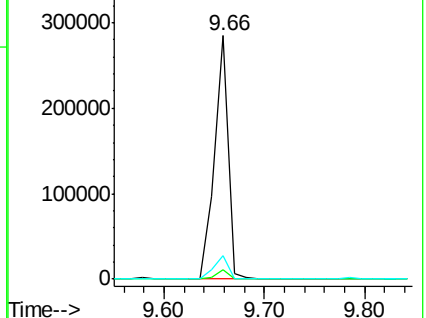
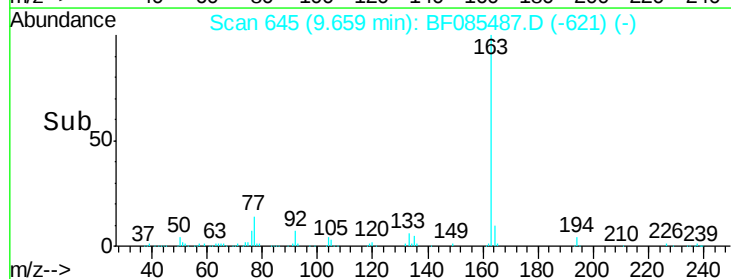
163 100

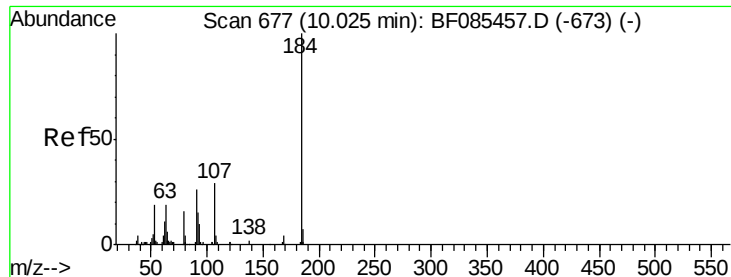
194 3.9 3.1 4.7

164 9.6 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





#53

2,4-Dinitrophenol

Concen: 7.17 ng

RT: 10.02 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

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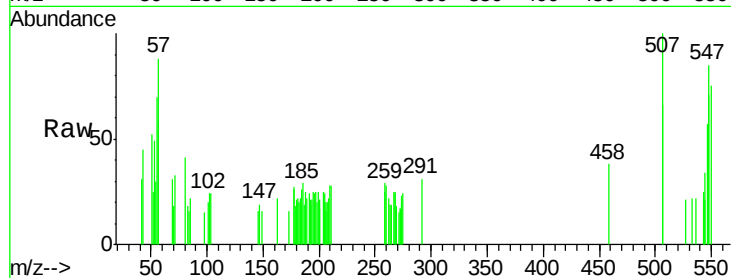
Tgt Ion:184 Resp: 608

Ion Ratio Lower Upper

184 100

63 0.0 82.2 123.4#

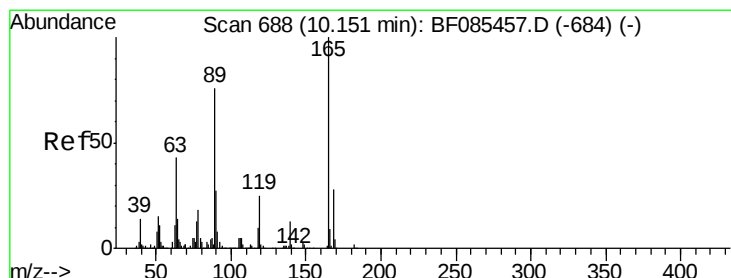
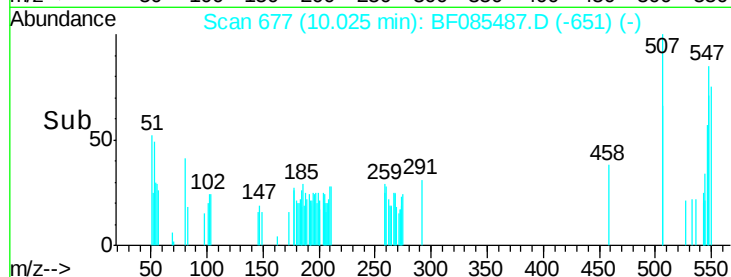
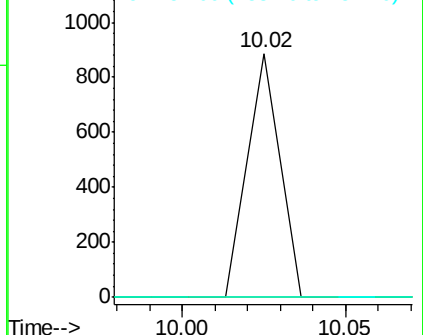
154 0.0 108.9 163.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 6.18 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.21 min

Lab File: BF085487.D

Acq: 17 Mar 2016 3:24

Tgt Ion:165 Resp: 26337

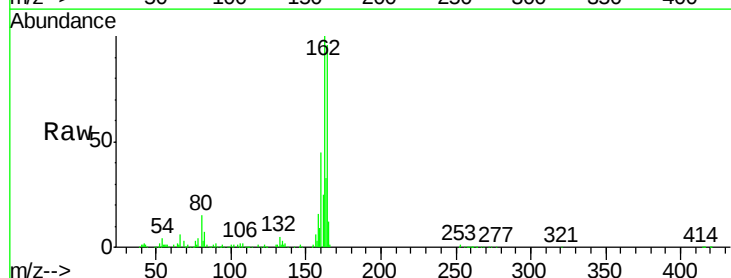
Ion Ratio Lower Upper

165 100

63 0.0 35.4 53.0#

89 1.9 61.9 92.9#

182 0.0 1.9 2.9#

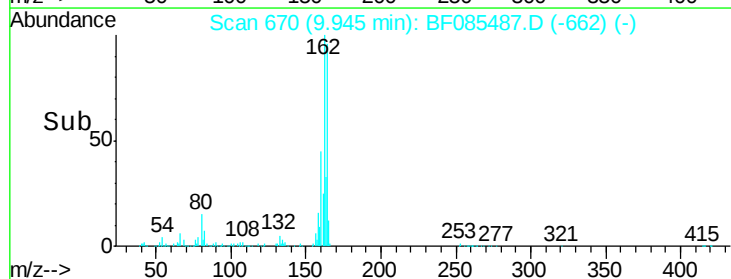
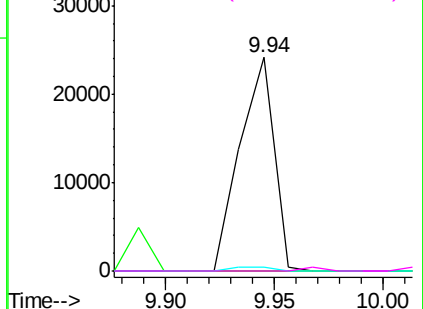


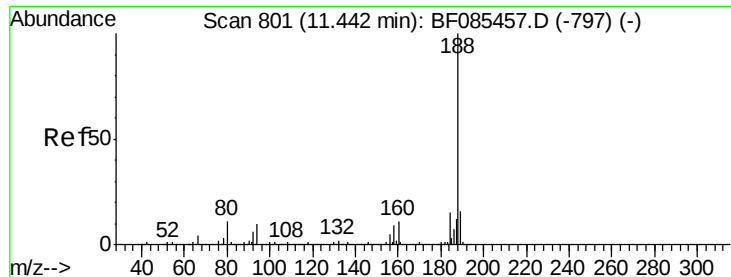
Abundance Ion 165.00 (164.70 to 165.70): E

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

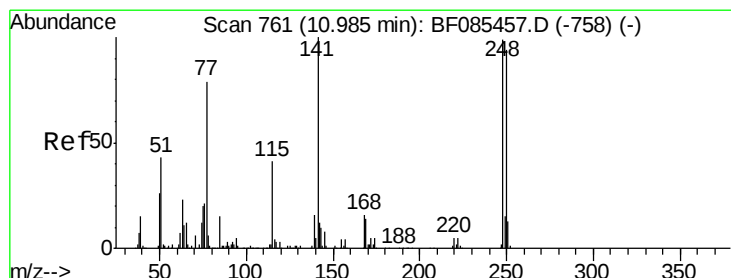
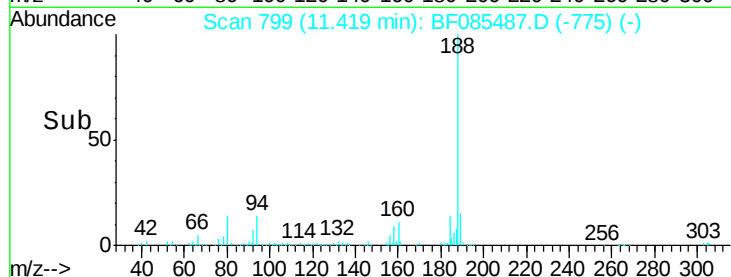
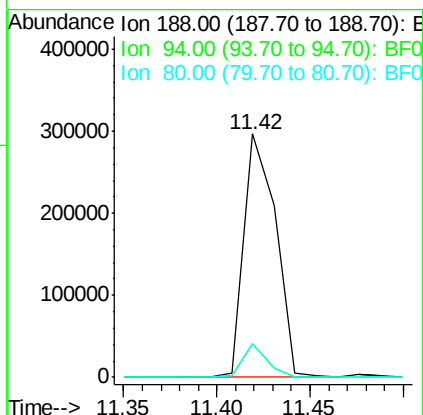
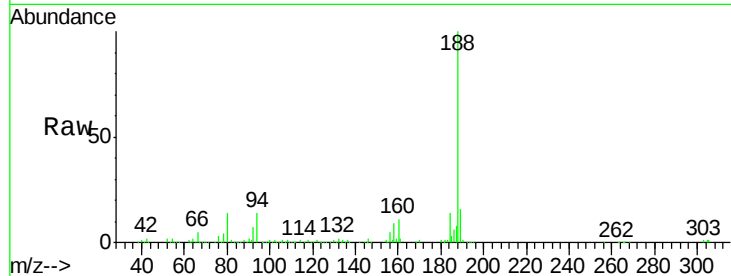




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF085487.D
Acq: 17 Mar 2016 3:24

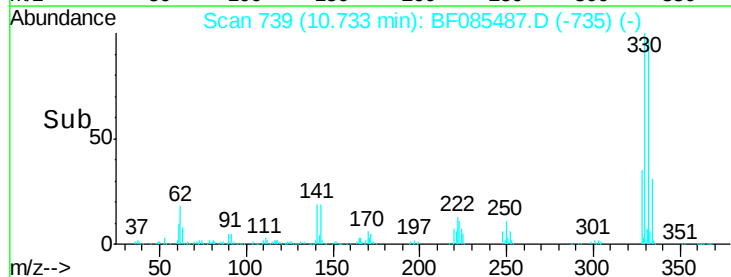
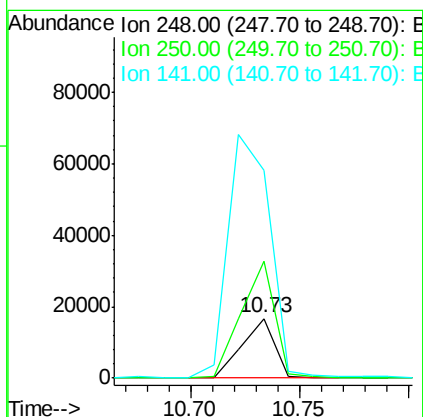
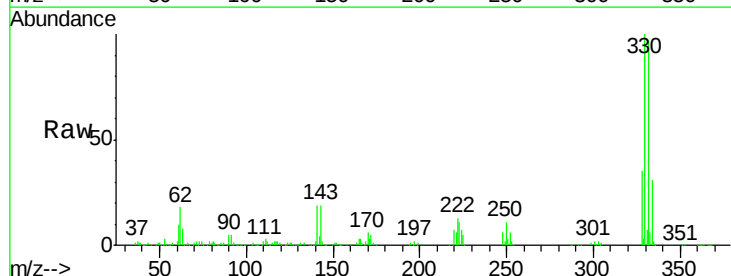
Instrument :
BNA_F
ClientSampleId :
SP-3

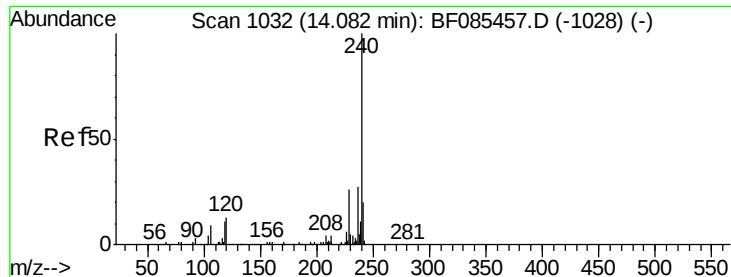
Tgt Ion:188 Resp: 356279
Ion Ratio Lower Upper
188 100
94 13.6 7.0 10.6#
80 14.1 7.4 11.0#



#66
4-Bromophenyl-phenylether
Concen: 4.80 ng
RT: 10.73 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF085487.D
Acq: 17 Mar 2016 3:24

Tgt Ion:248 Resp: 17323
Ion Ratio Lower Upper
248 100
250 194.7 77.1 115.7#
141 347.6 66.2 99.2#

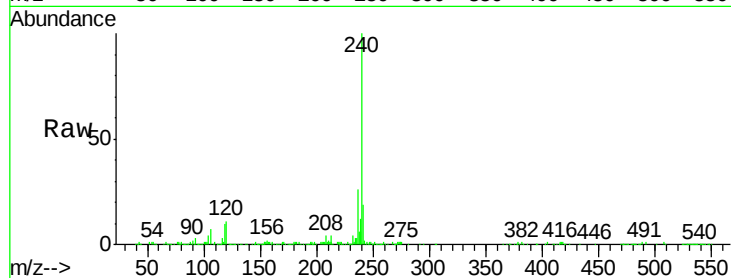




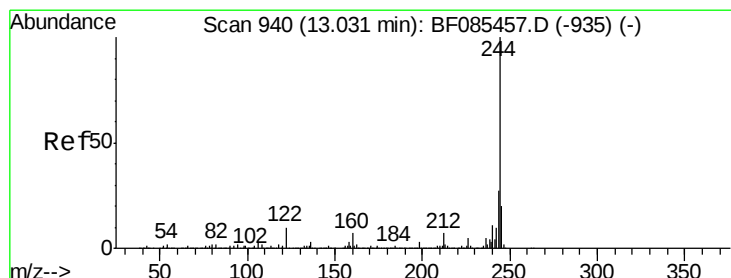
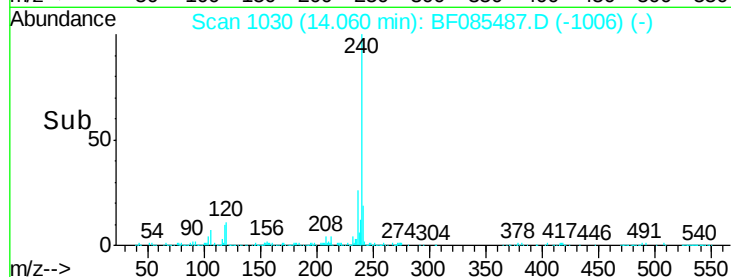
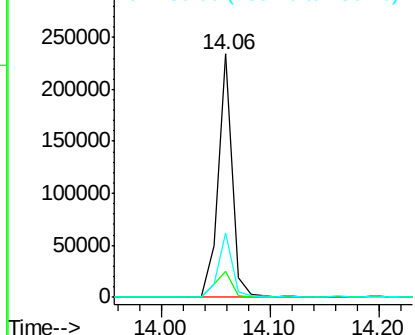
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF085487.D
Acq: 17 Mar 2016 3:24

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:240 Resp: 212327
Ion Ratio Lower Upper
240 100
120 10.5 5.3 7.9#
236 26.2 20.7 31.1

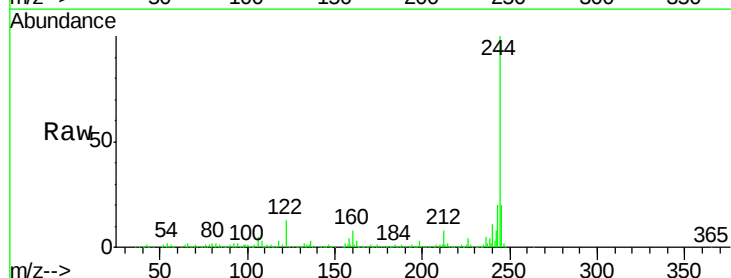


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

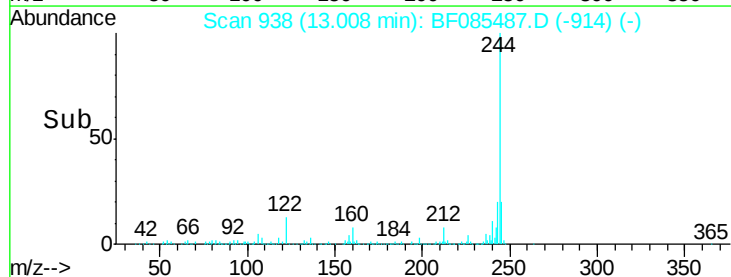
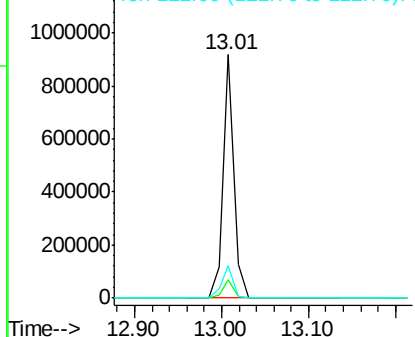


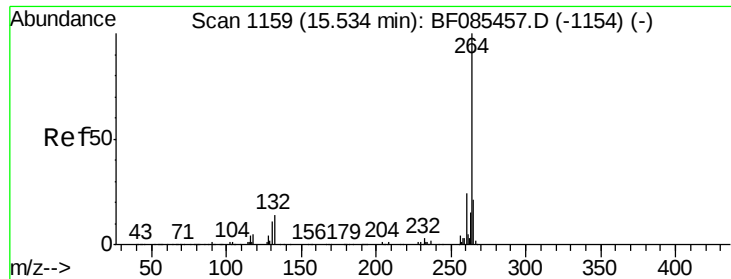
#78
Terphenyl-d14
Concen: 85.51 ng
RT: 13.01 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF085487.D
Acq: 17 Mar 2016 3:24

Tgt Ion:244 Resp: 802597
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 13.5 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: BF085487.D
Acq: 17 Mar 2016 3:24

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion: 264 Resp: 217821
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.7 17.3 25.9

