

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085062.D
 Acq On : 13 Feb 2016 2:03
 Operator : SJ/IZ
 Sample : H1396-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(10-12)

Quant Time: Feb 13 03:54:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

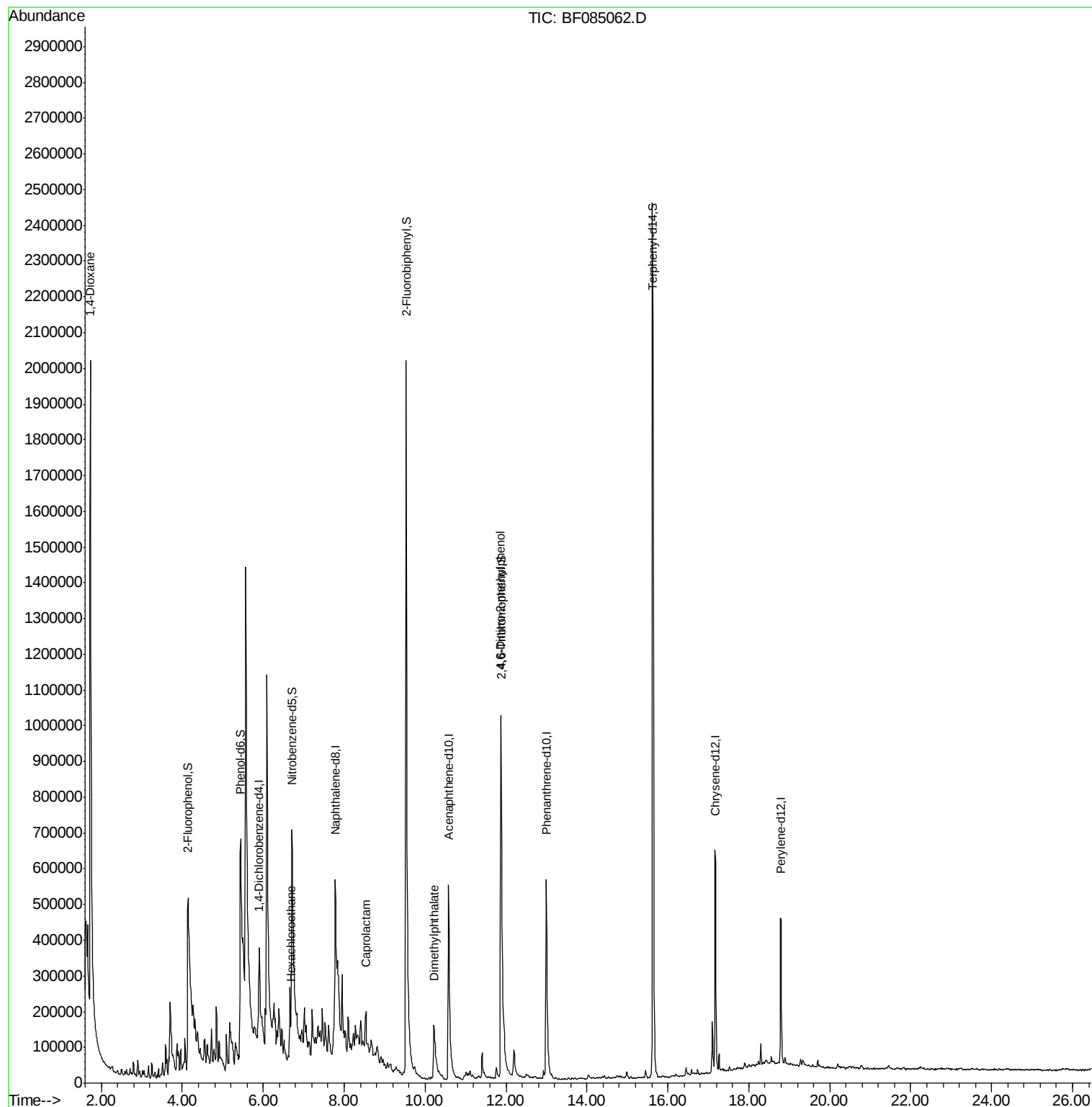
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	140783	20.00	ng	0.01
21) Naphthalene-d8	7.78	136	628661	20.00	ng	-0.01
38) Acenaphthene-d10	10.58	164	303960	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	578943	20.00	ng	0.00
75) Chrysene-d12	17.18	240	435498	20.00	ng	0.00
86) Perylene-d12	18.80	264	290652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.15	112	954556	118.56	ng	-0.01
7) Phenol-d6	5.44	99	1393742	129.89	ng	0.00
23) Nitrobenzene-d5	6.71	82	903592	84.88	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	390392	124.35	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1682784	79.14	ng	0.00
78) Terphenyl-d14	15.62	244	1564386	73.93	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	113209	34.13	ng	# 15
11) bis(2-Chloroethyl)ether	5.51	93	1158	Below Cal	#	1
18) Hexachloroethane	6.68	117	51855	12.85	ng	# 48
20) 3+4-Methylphenols	6.66	107	2248	Below Cal	#	1
35) Caprolactam	8.54	113	5511	2.50	ng	# 1
49) Dimethylphthalate	10.22	163	281578	12.36	ng	99
64) 4,6-Dinitro-2-methylphenol	11.87	198	237	5.09	ng	# 1

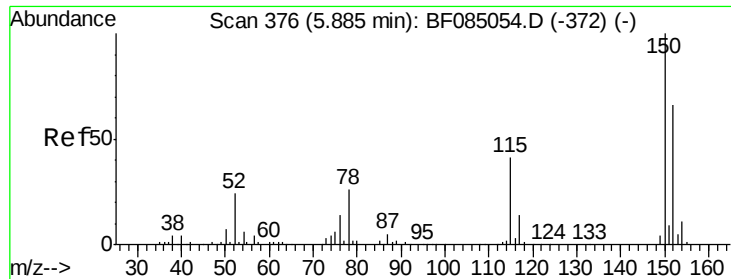
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S4-B002(10-12)

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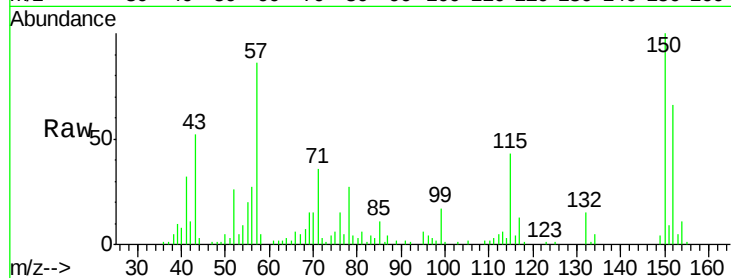


#1

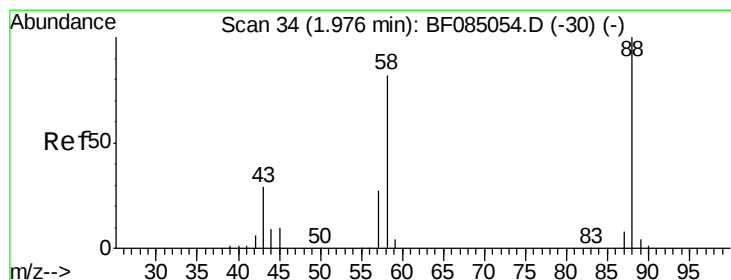
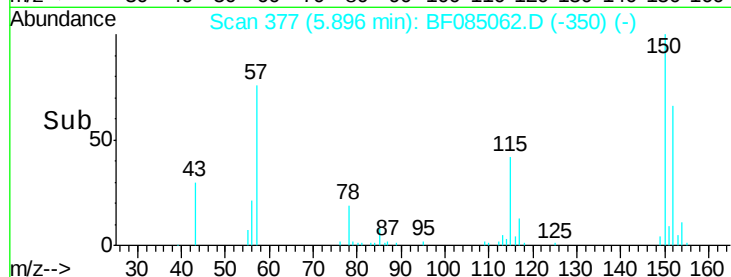
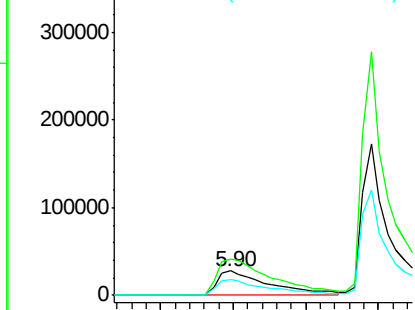
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

Tgt Ion: 152 Resp: 140783
Ion Ratio Lower Upper
152 100
150 150.8 127.4 191.2
115 64.4 50.5 75.7



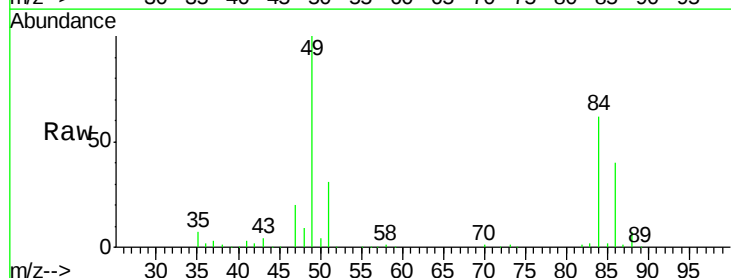
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



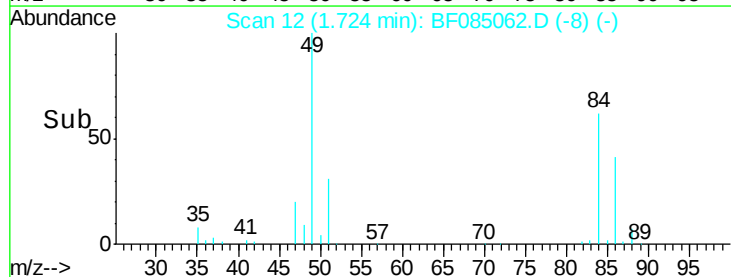
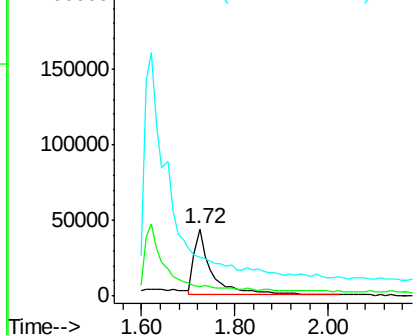
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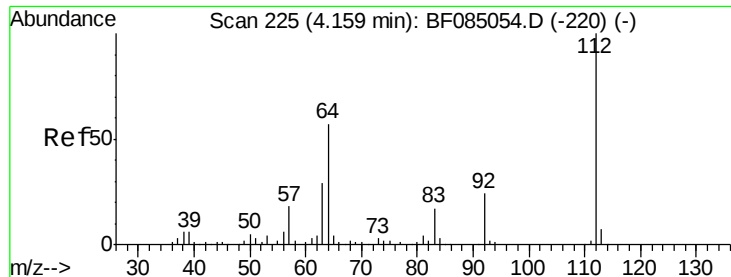
1,4-Dioxane
Concen: 34.13 ng
RT: 1.72 min Scan# 12
Delta R.T. -0.25 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Tgt Ion: 88 Resp: 113209
Ion Ratio Lower Upper
88 100
58 0.0 70.9 106.3#
43 0.0 25.9 38.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 118.56 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085062.D

Acq: 13 Feb 2016 2:03

Instrument :

BNA_F

ClientSampleId :

S4-B002(10-12)

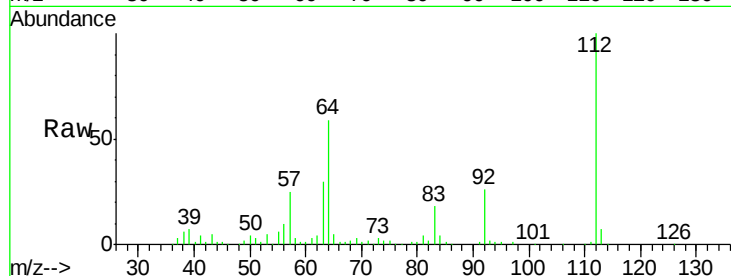
Tgt Ion:112 Resp: 954556

Ion Ratio Lower Upper

112 100

64 59.0 45.4 68.2

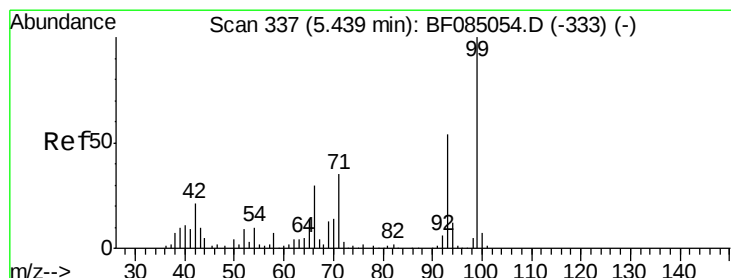
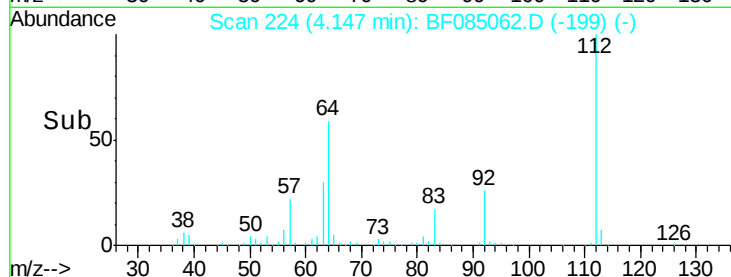
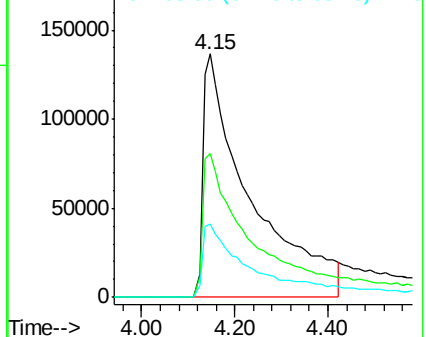
63 30.1 23.2 34.8



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: 129.89 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085062.D

Acq: 13 Feb 2016 2:03

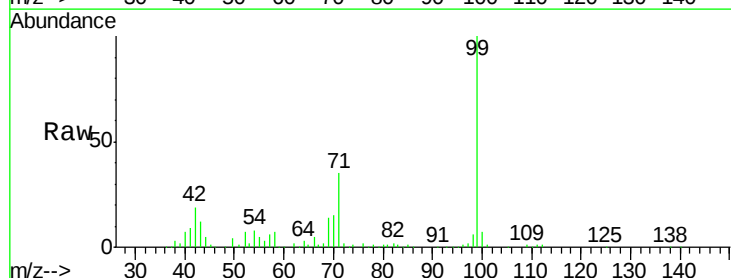
Tgt Ion: 99 Resp: 1393742

Ion Ratio Lower Upper

99 100

42 19.5 17.0 25.4

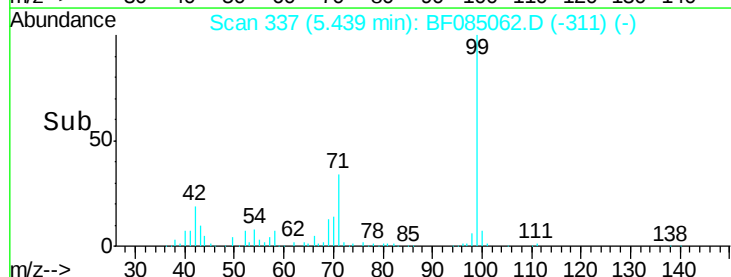
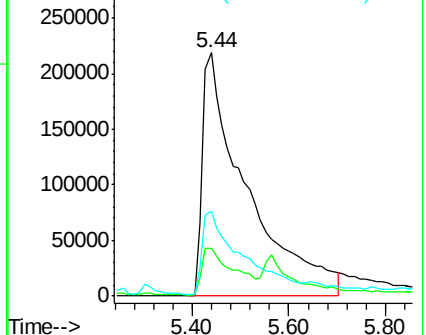
71 34.9 28.3 42.5

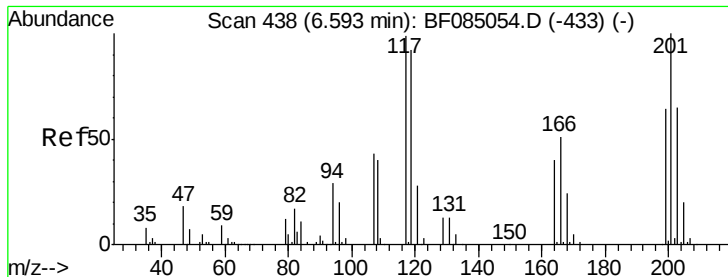


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

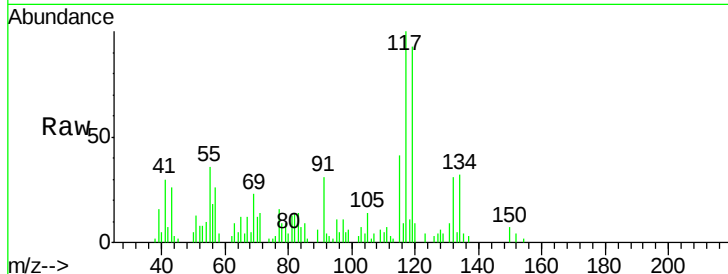




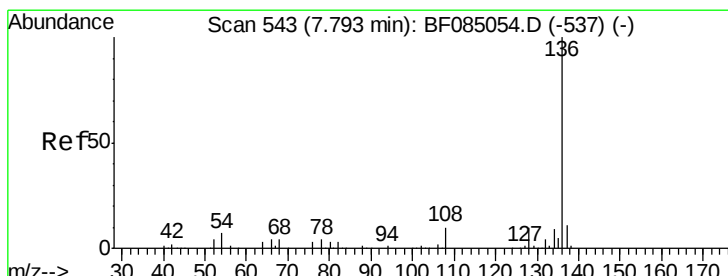
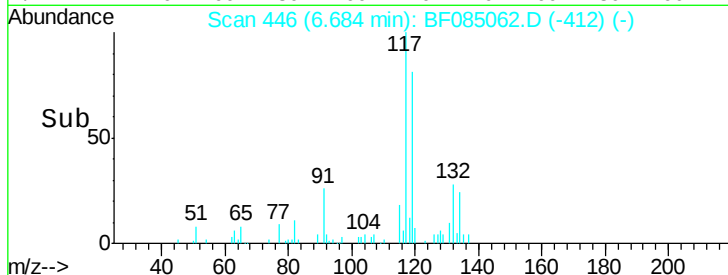
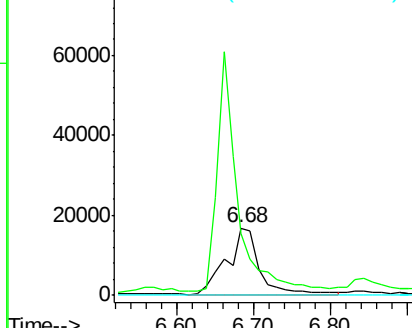
#18
Hexachloroethane
Concen: 12.85 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.09 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

Tgt Ion:117 Resp: 51855
Ion Ratio Lower Upper
117 100
119 92.7 74.5 111.7
201 0.0 80.9 121.3#

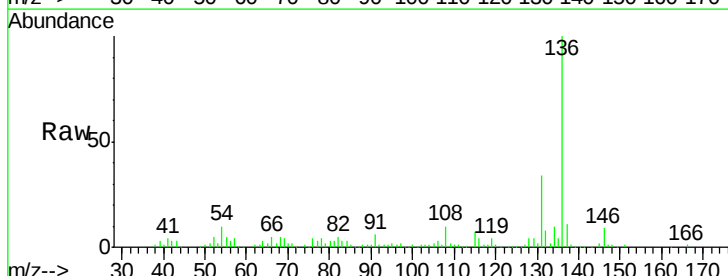


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

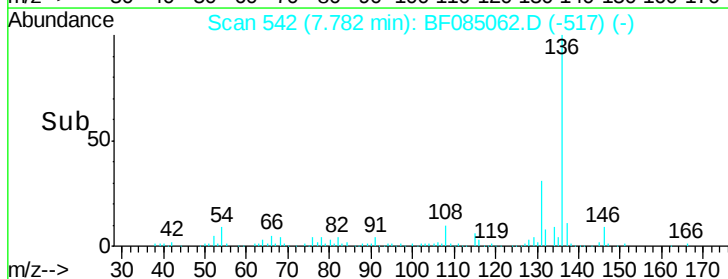
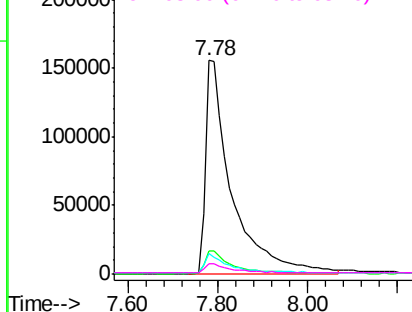


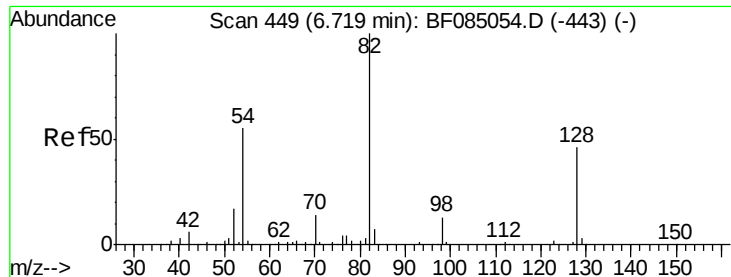
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Tgt Ion:136 Resp: 628661
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.9 6.1 9.1#
68 4.9 3.5 5.3



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

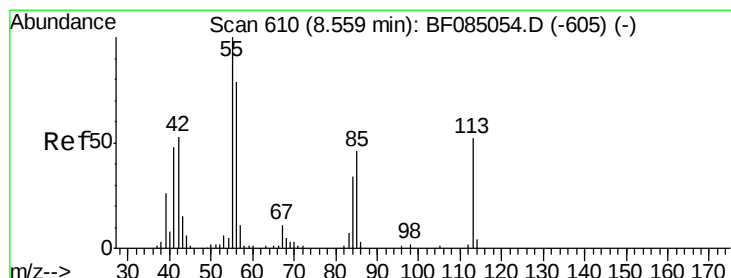
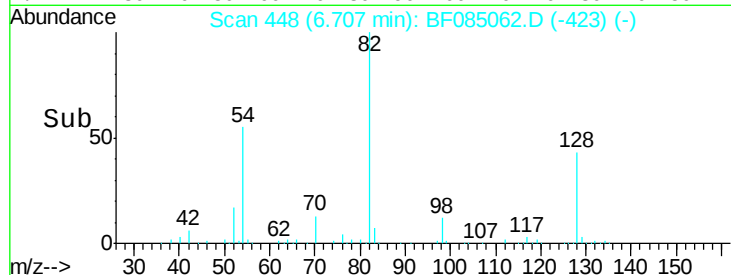
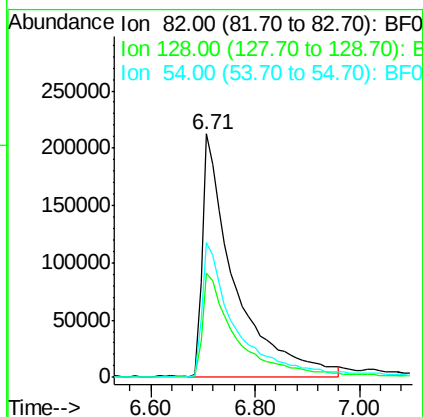
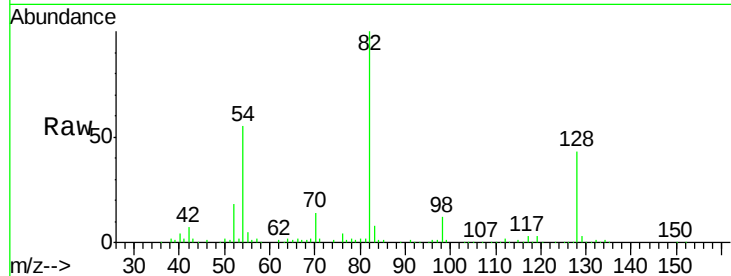




#23
Nitrobenzene-d5
Concen: 84.88 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

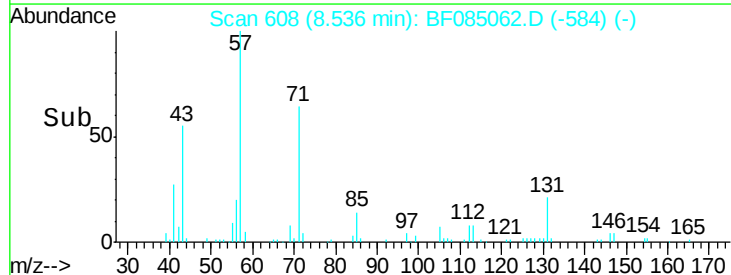
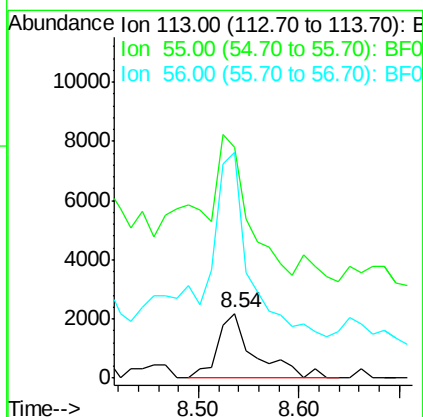
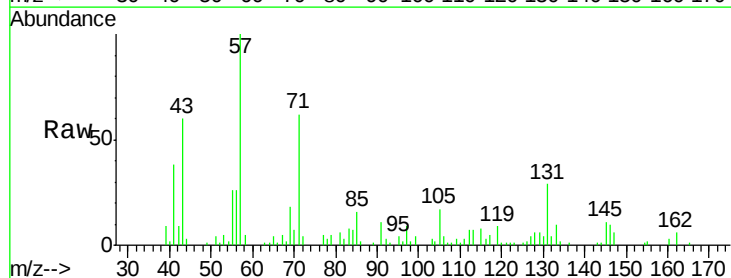
Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

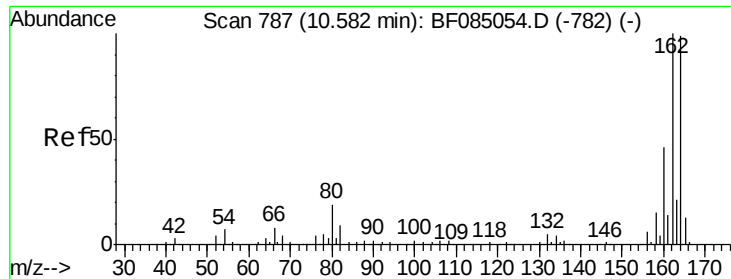
Tgt Ion: 82 Resp: 903592
Ion Ratio Lower Upper
82 100
128 42.7 36.8 55.2
54 55.4 44.4 66.6



#35
Caprolactam
Concen: 2.50 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Tgt Ion: 113 Resp: 5511
Ion Ratio Lower Upper
113 100
55 357.7 173.1 213.1#
56 350.6 132.9 172.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF085062.D

Acq: 13 Feb 2016 2:03

Instrument :

BNA_F

ClientSampleId :

S4-B002(10-12)

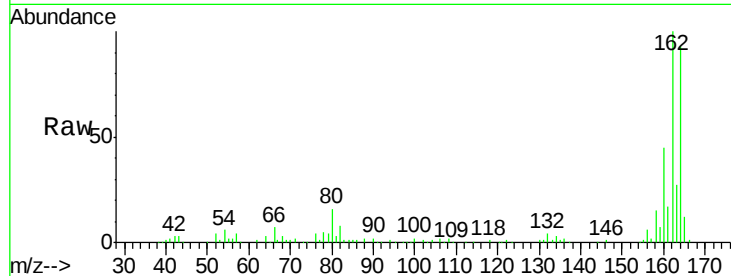
Tgt Ion:164 Resp: 303960

Ion Ratio Lower Upper

164 100

162 107.9 81.1 121.7

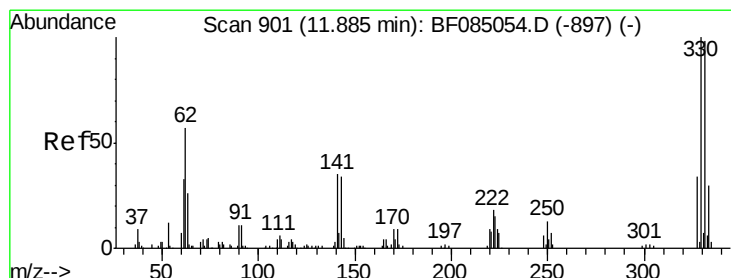
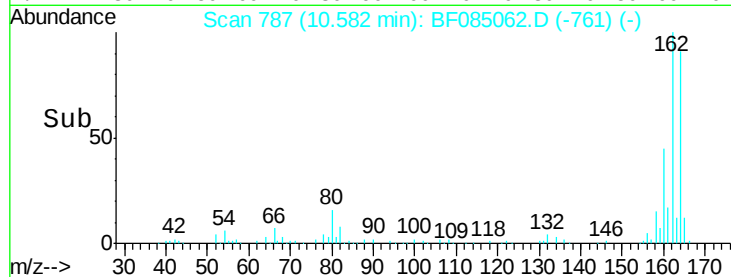
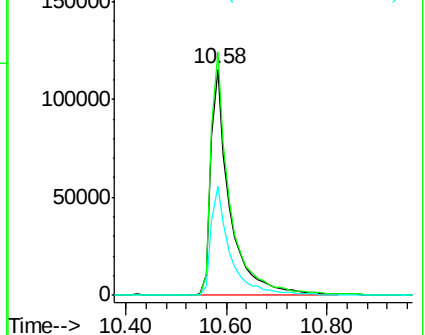
160 48.4 37.4 56.0



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: 124.35 ng

RT: 11.88 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF085062.D

Acq: 13 Feb 2016 2:03

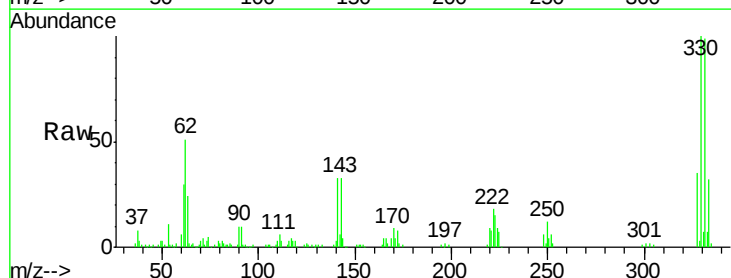
Tgt Ion:330 Resp: 390392

Ion Ratio Lower Upper

330 100

332 98.2 78.5 117.7

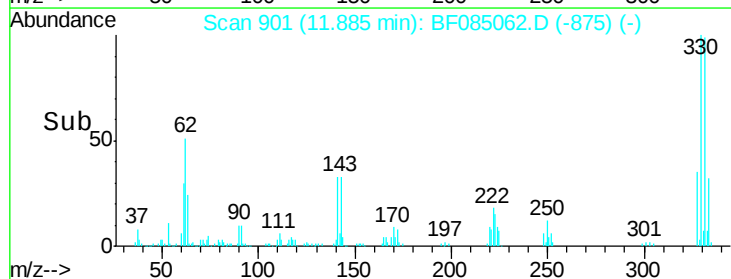
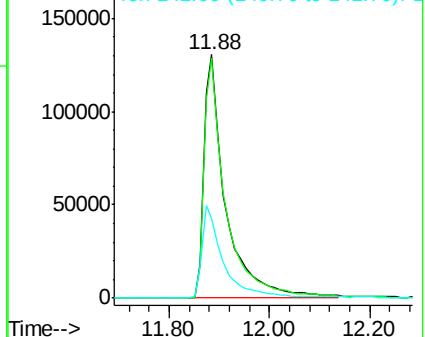
141 38.1 28.6 42.8

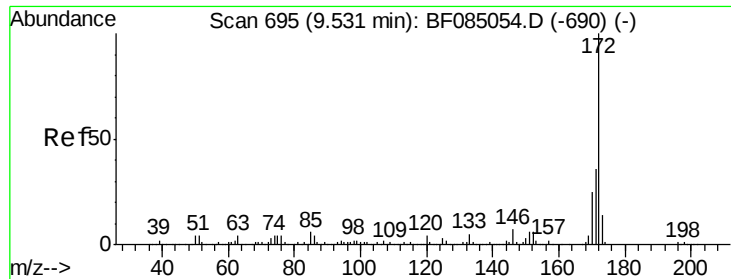


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

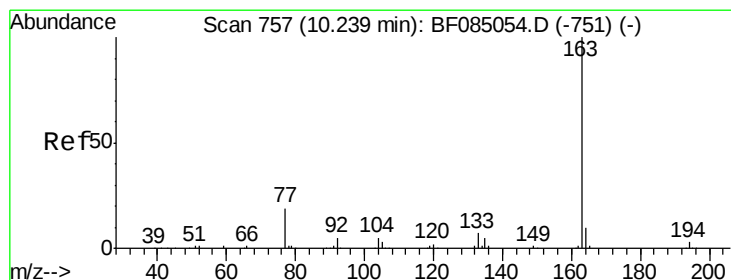
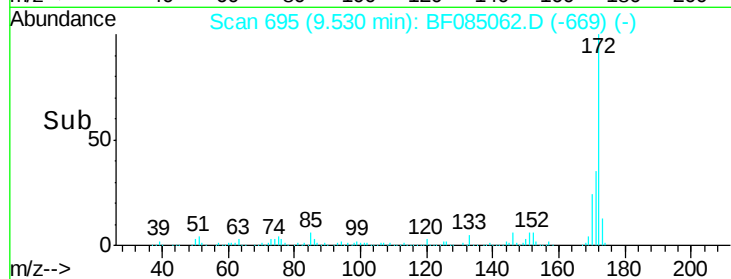
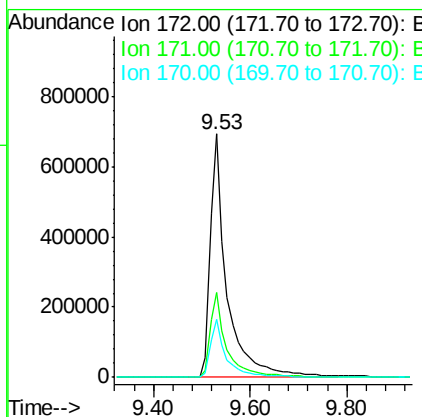
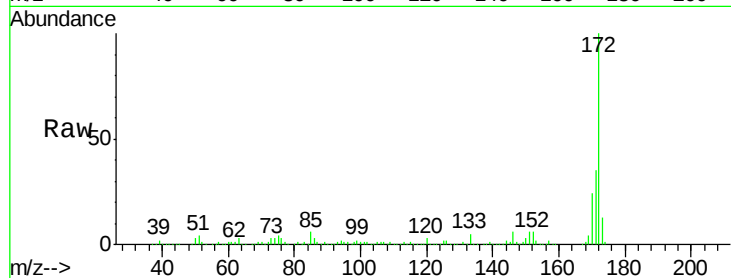




#44
 2-Fluorobiphenyl
 Concen: 79.14 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085062.D
 Acq: 13 Feb 2016 2:03

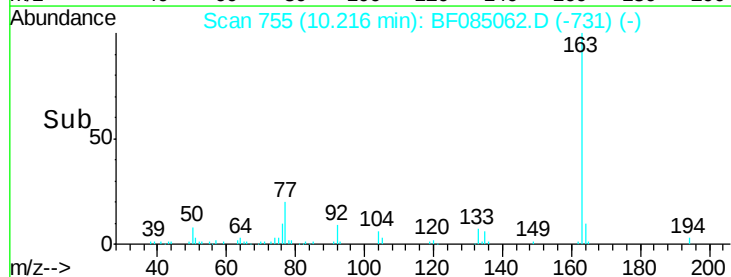
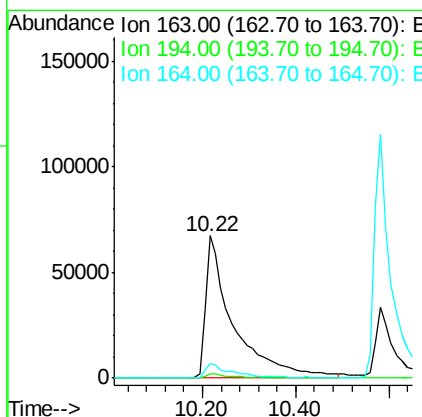
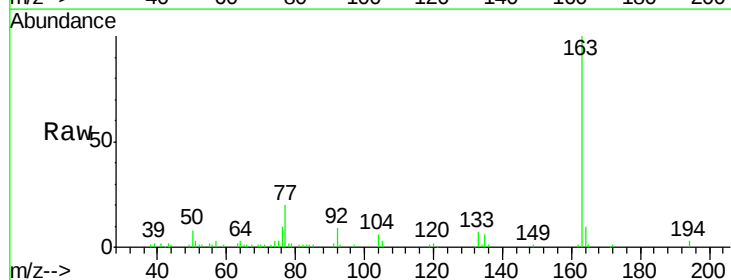
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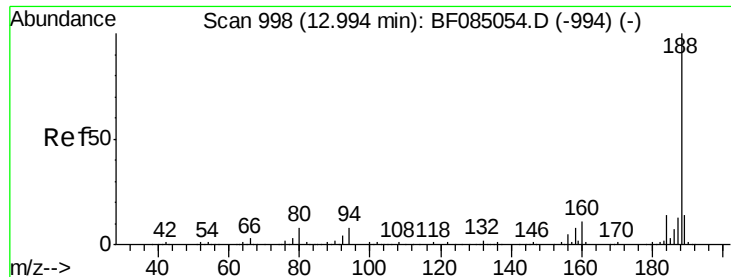
Tgt Ion:172 Resp: 1682784
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.1 43.7
 170 23.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 12.36 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF085062.D
 Acq: 13 Feb 2016 2:03

Tgt Ion:163 Resp: 281578
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.5 3.7
 164 10.1 7.8 11.8

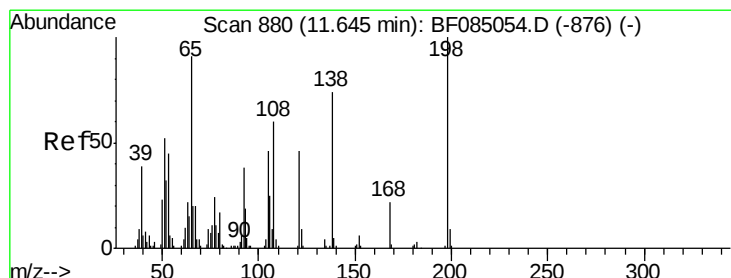
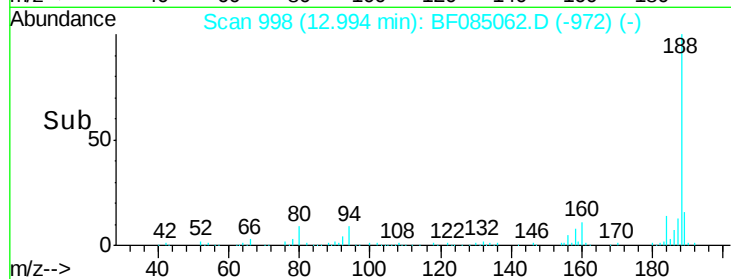
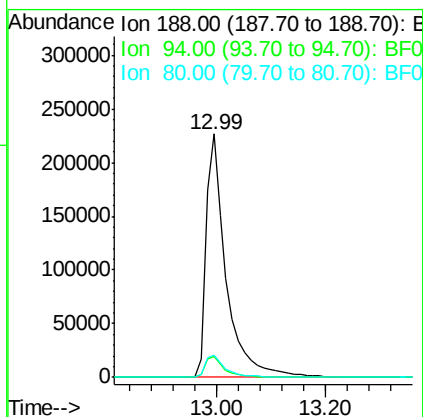
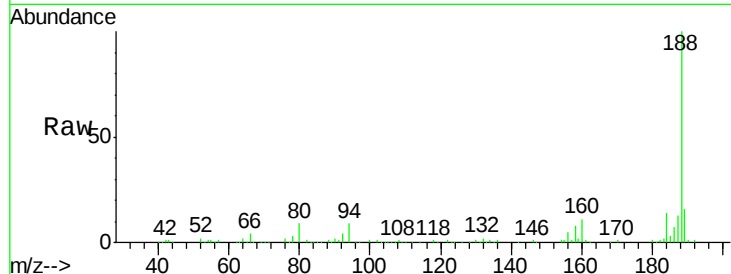




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

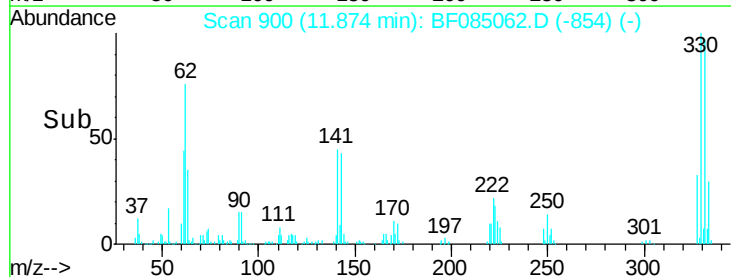
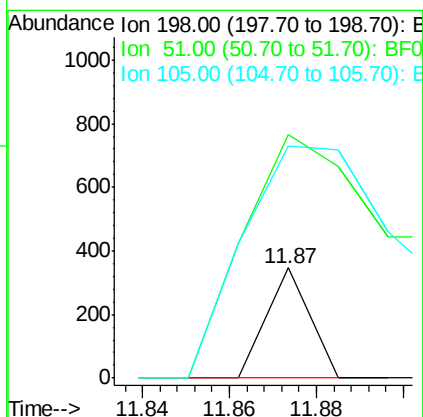
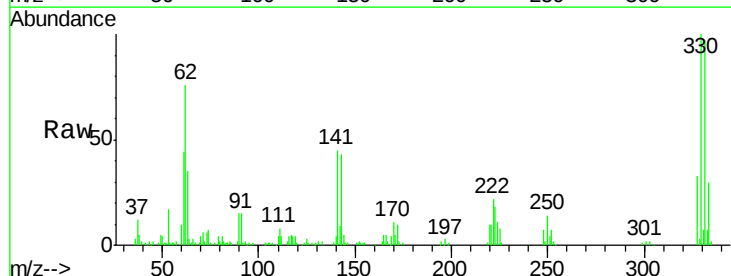
Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

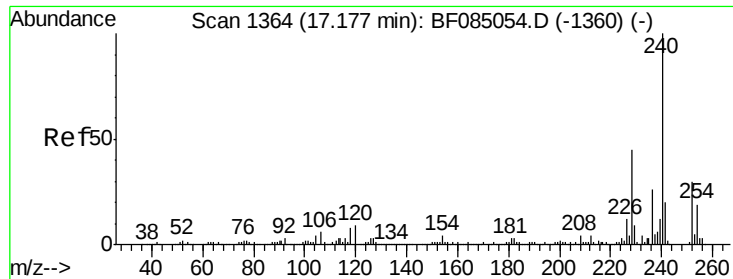
Tgt Ion:188 Resp: 578943
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 8.9 6.6 9.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.09 ng
RT: 11.87 min Scan# 900
Delta R.T. 0.23 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Tgt Ion:198 Resp: 237
Ion Ratio Lower Upper
198 100
51 221.4 34.5 74.5#
105 210.4 26.2 66.2#

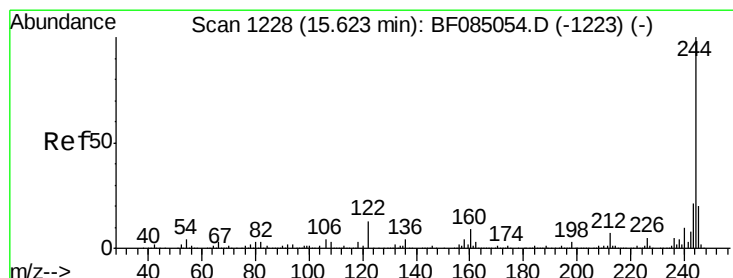
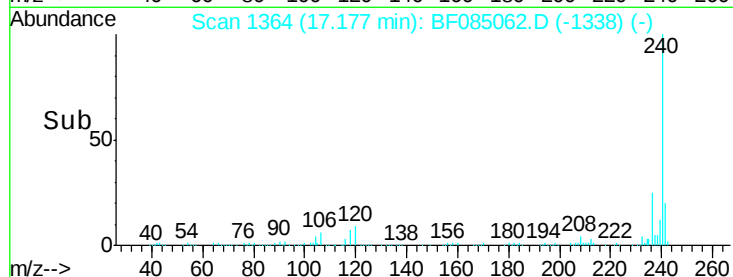
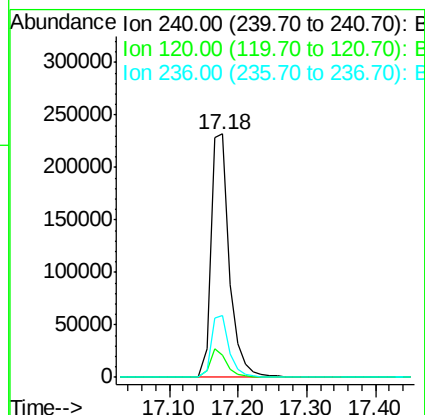
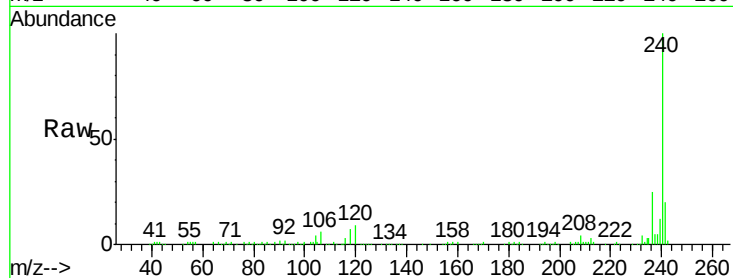




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF085062.D
 Acq: 13 Feb 2016 2:03

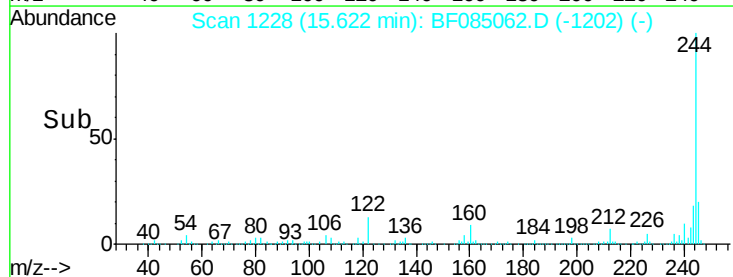
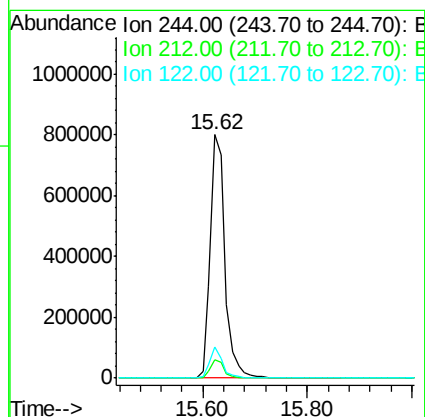
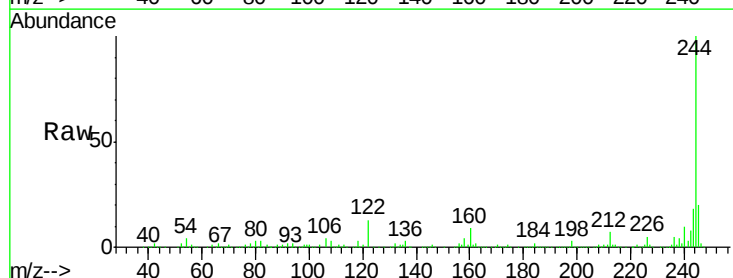
Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(10-12)

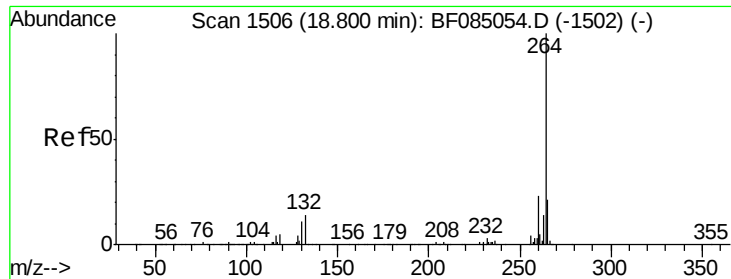
Tgt Ion:240 Resp: 435498
 Ion Ratio Lower Upper
 240 100
 120 8.9 7.0 10.6
 236 25.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 73.93 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF085062.D
 Acq: 13 Feb 2016 2:03

Tgt Ion:244 Resp: 1564386
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 12.6 10.1 15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.3	16.7	25.1

