

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086543.D
 Acq On : 1 May 2016 1:26
 Operator : UM/SJ
 Sample : H2720-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13D24

Quant Time: May 02 00:44:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

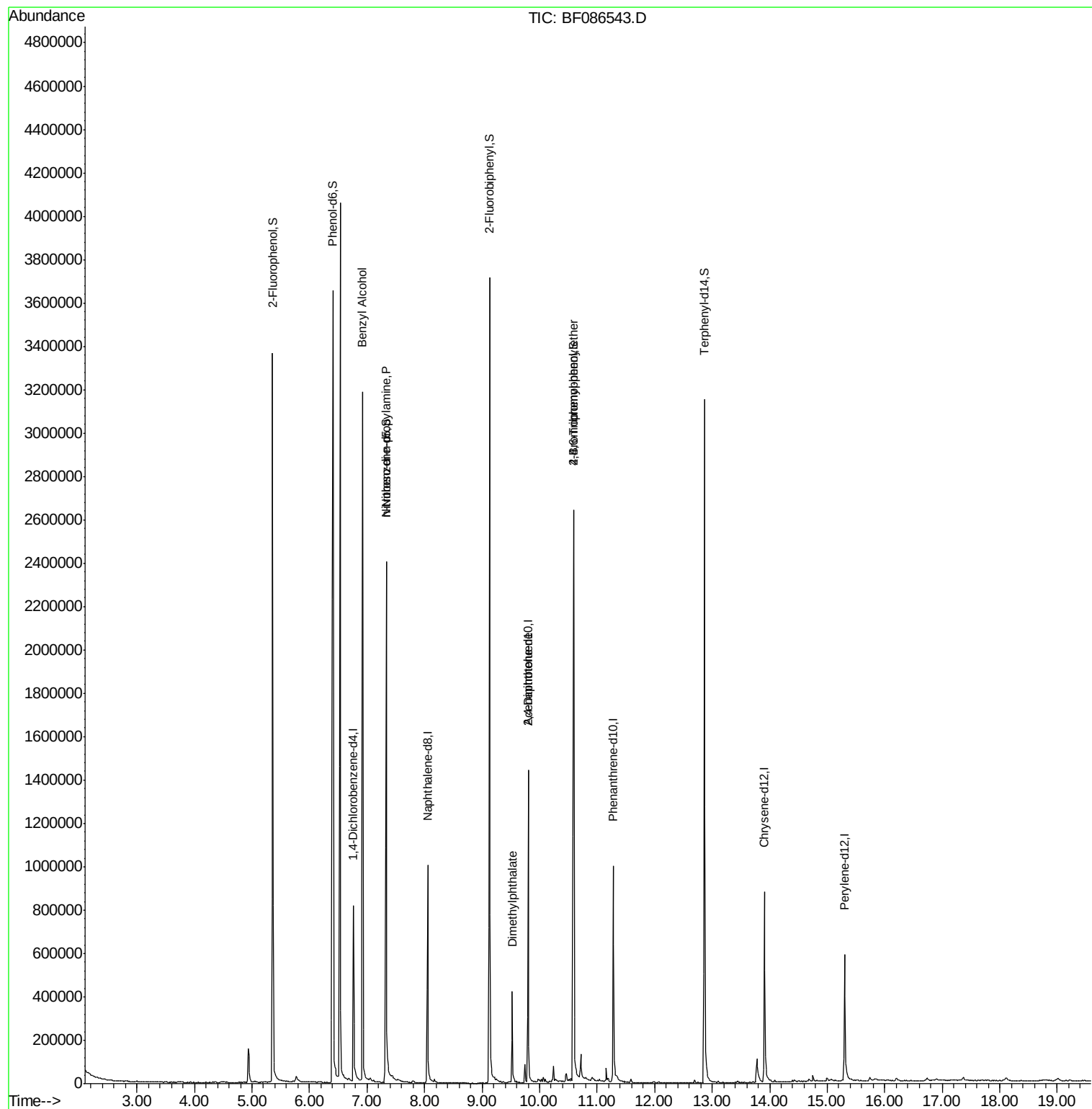
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	129317	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	561537	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	283023	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	531701	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	431179	20.00	ng	-0.06
86) Perylene-d12	15.30	264	325035	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	935890	124.83	ng	-0.03
7) Phenol-d6	6.41	99	1486381	142.05	ng	-0.03
23) Nitrobenzene-d5	7.33	82	943645	90.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	354265	118.69	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1247730	75.18	ng	-0.05
78) Terphenyl-d14	12.87	244	1174498	60.01	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.92	79	15087	2.28	ng	# 40
19) n-Nitroso-di-n-propylamine	7.33	70	125739	18.18	ng	# 78
49) Dimethylphthalate	9.53	163	210268	9.87	ng	99
56) 2,4-Dinitrotoluene	9.80	165	35210	6.27	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	22025	4.02	ng	# 1

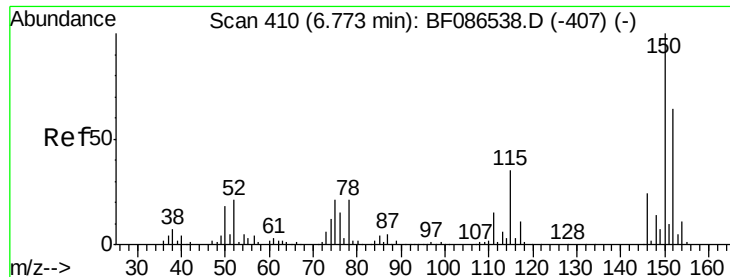
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Instrument :

BNA_F

ClientSampleId :

TP-13D24

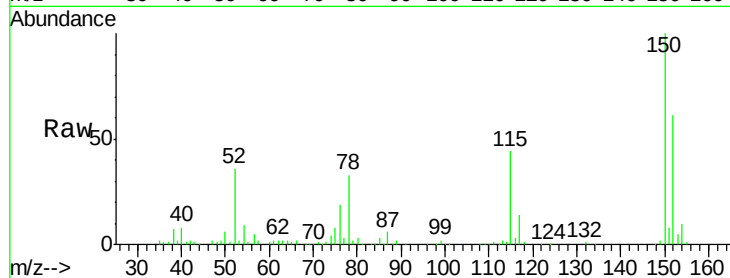
Tgt Ion:152 Resp: 129317

Ion Ratio Lower Upper

152 100

150 162.6 125.8 188.6

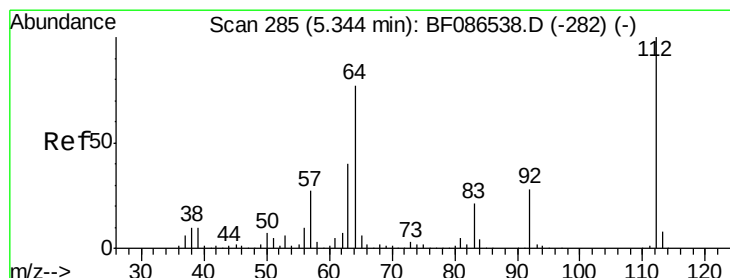
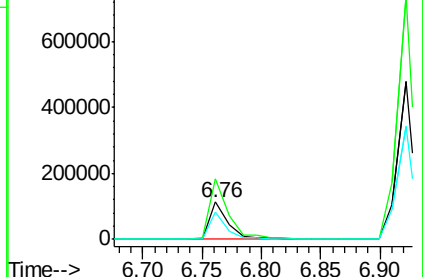
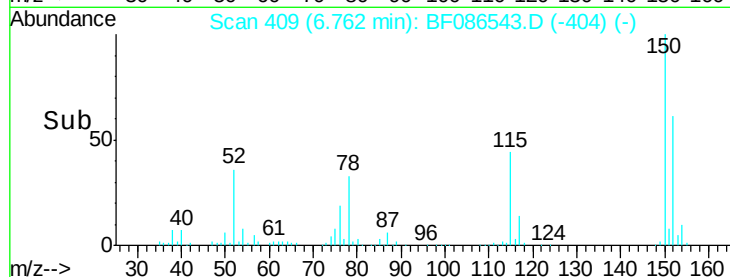
115 71.5 51.5 77.3



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: 124.83 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

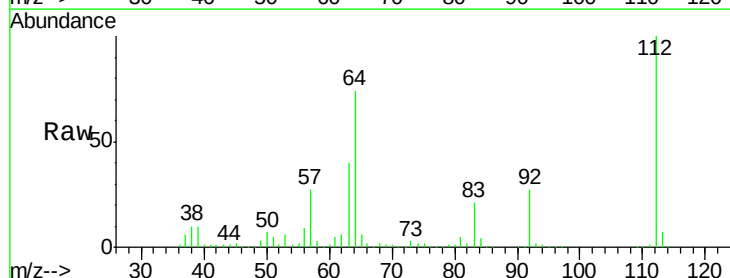
Tgt Ion:112 Resp: 935890

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

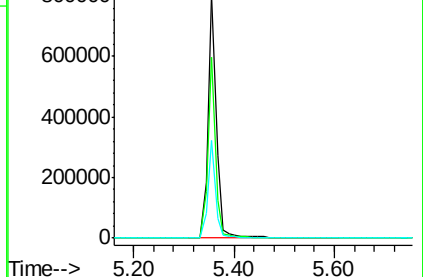
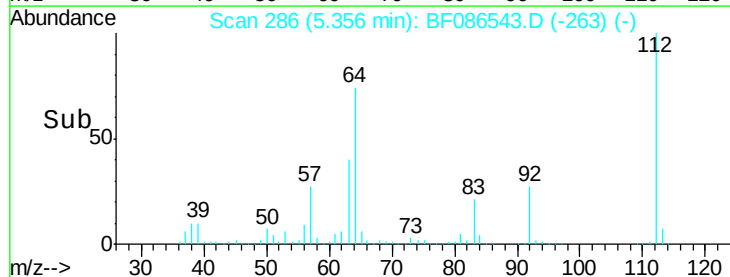
63 39.9 25.7 38.5#

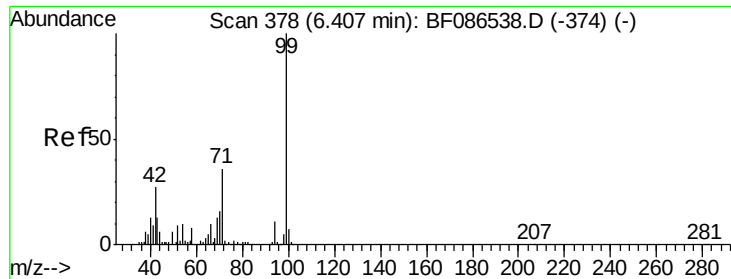


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.05 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Instrument :

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ClientSampleId :

TP-13D24

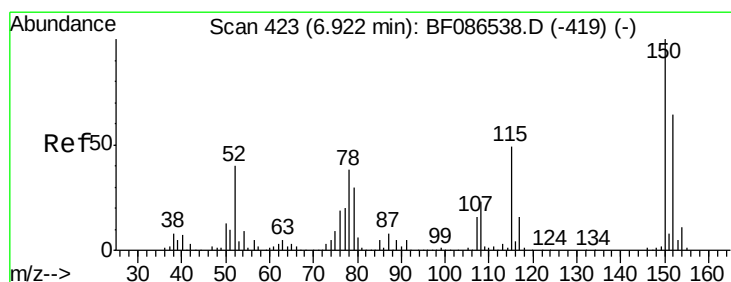
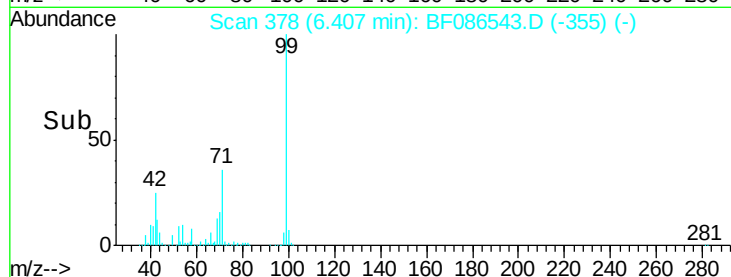
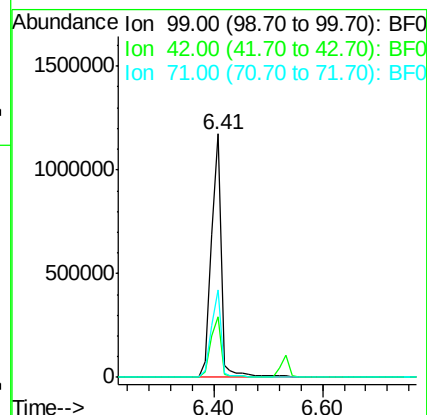
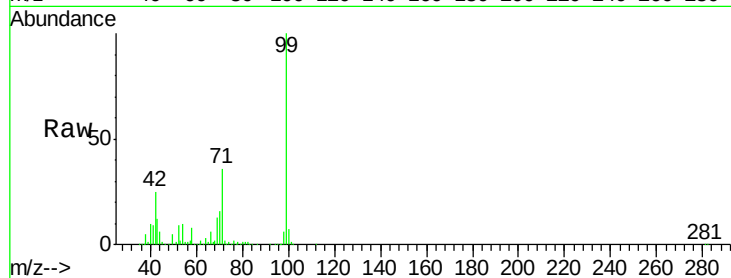
Tgt Ion: 99 Resp: 1486381

Ion Ratio Lower Upper

99 100

42 25.1 13.6 20.4#

71 35.9 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

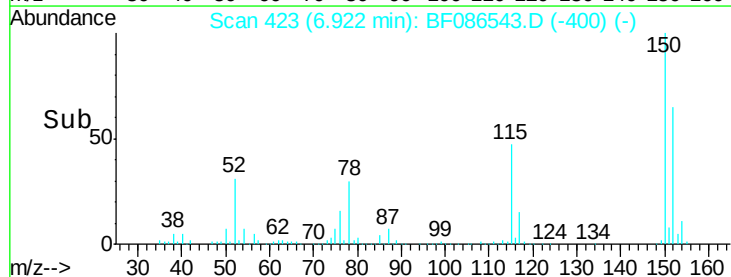
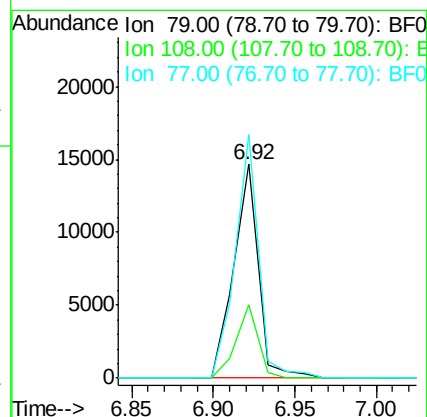
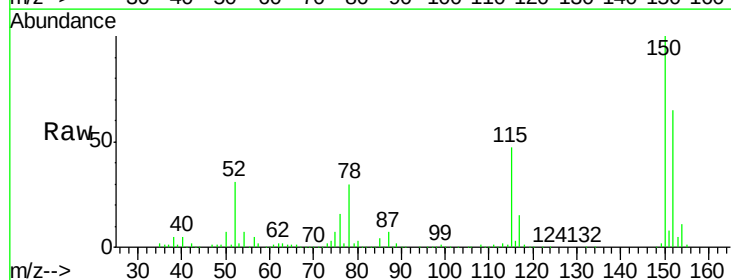
Tgt Ion: 79 Resp: 15087

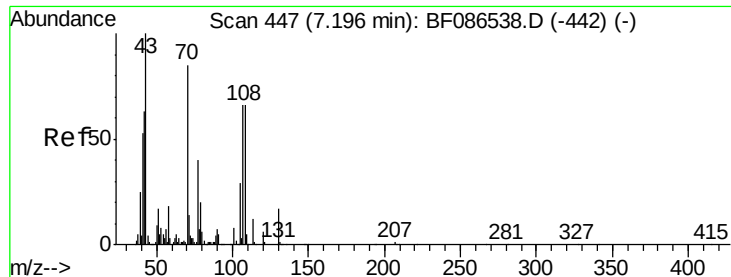
Ion Ratio Lower Upper

79 100

108 34.3 68.4 102.6#

77 113.9 50.6 76.0#

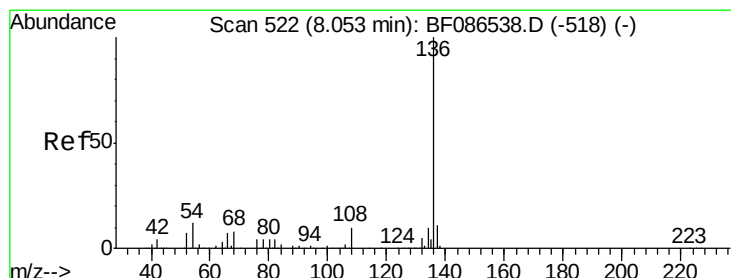
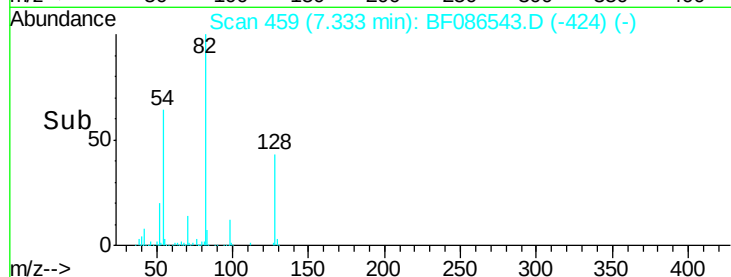
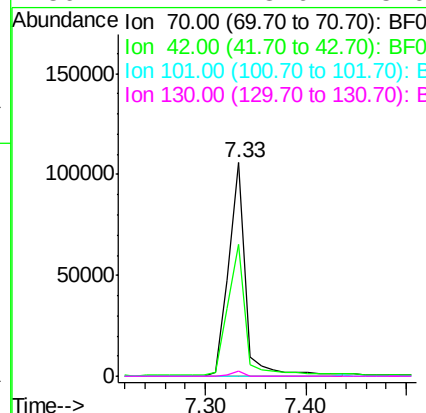
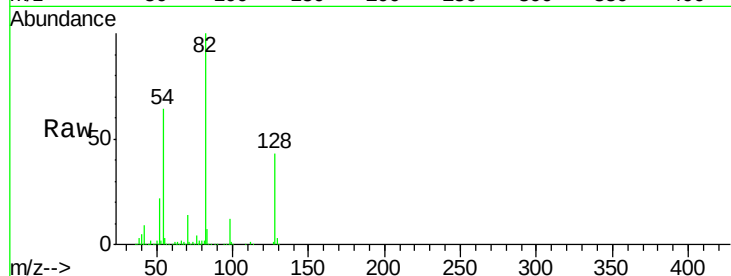




#19
n-Nitroso-di-n-propylamine
Concen: 18.18 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086543.D
Acq: 1 May 2016 1:26

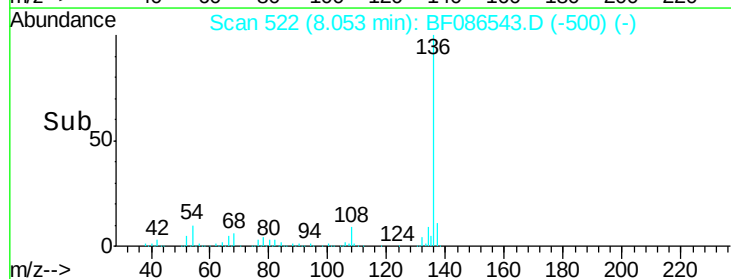
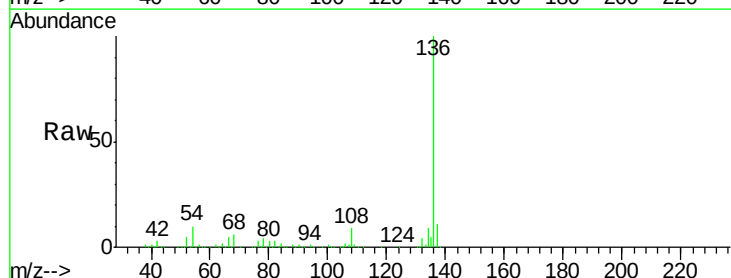
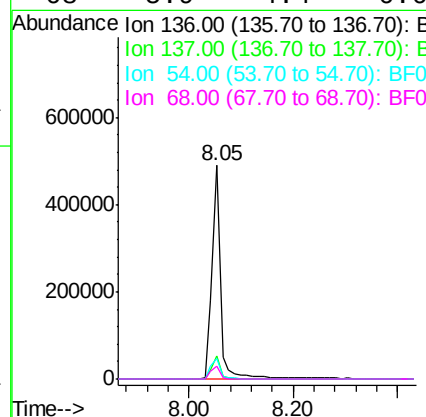
Instrument :
BNA_F
ClientSampleId :
TP-13D24

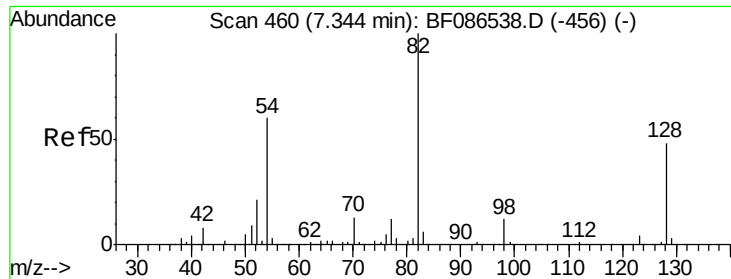
Tgt Ion: 70 Resp: 125739
Ion Ratio Lower Upper
70 100
42 61.8 43.1 64.7
101 0.0 8.1 12.1#
130 2.1 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086543.D
Acq: 1 May 2016 1:26

Tgt Ion: 136 Resp: 561537
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.9 5.0 7.4#
68 5.9 4.4 6.6

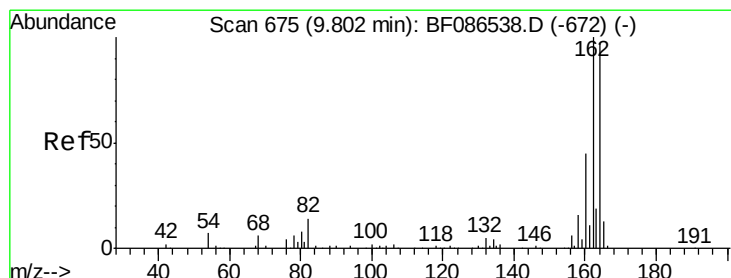
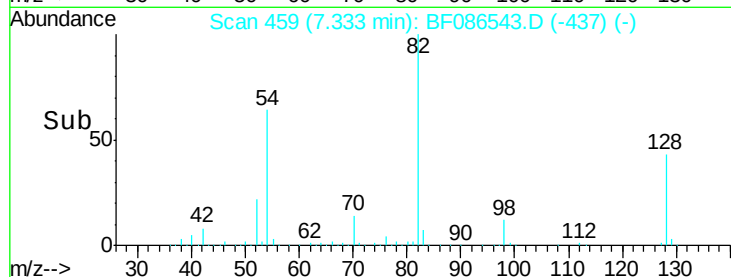
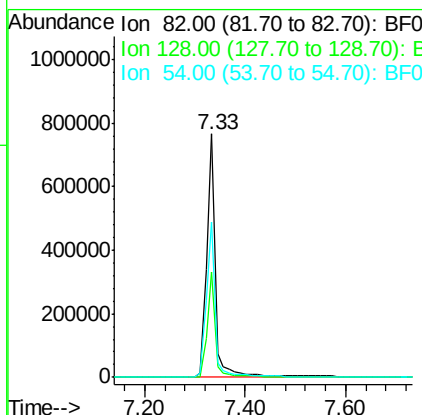
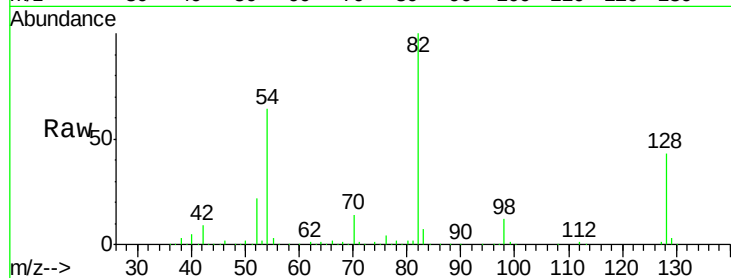




#23
 Nitrobenzene-d5
 Concen: 90.58 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086543.D
 Acq: 1 May 2016 1:26

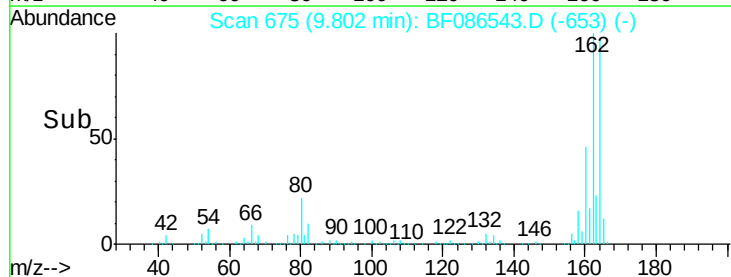
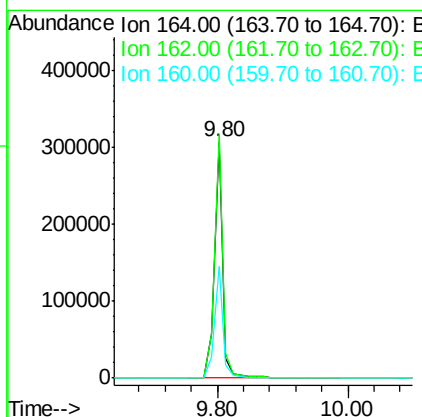
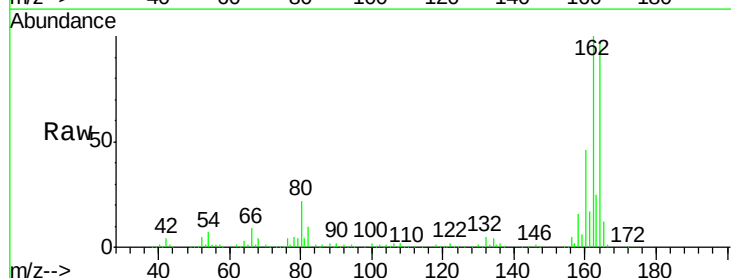
Instrument :
 BNA_F
 ClientSampleId :
 TP-13D24

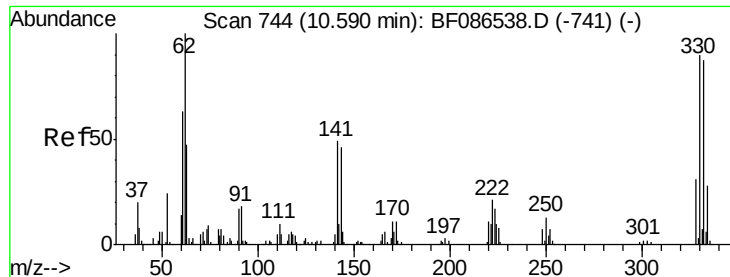
Tgt Ion: 82 Resp: 943645
 Ion Ratio Lower Upper
 82 100
 128 43.1 40.6 61.0
 54 64.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086543.D
 Acq: 1 May 2016 1:26

Tgt Ion: 164 Resp: 283023
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 47.1 36.9 55.3

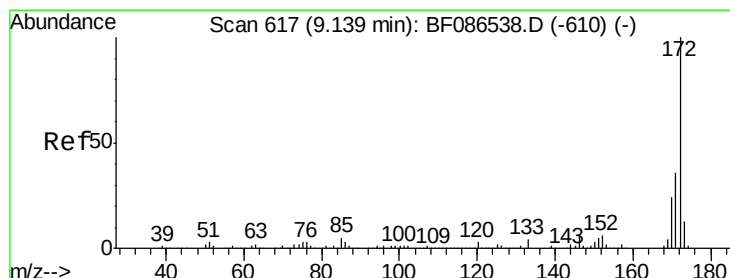
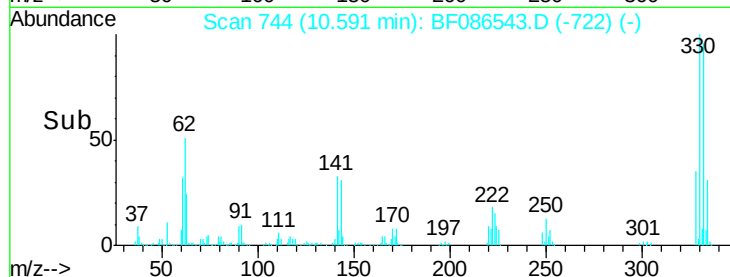
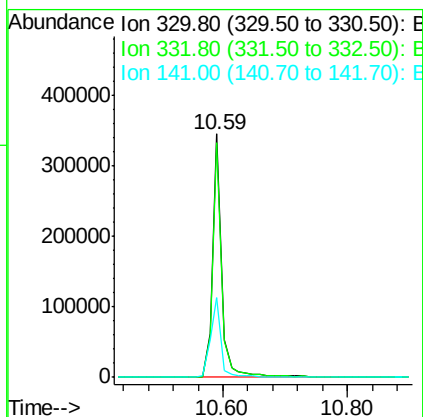
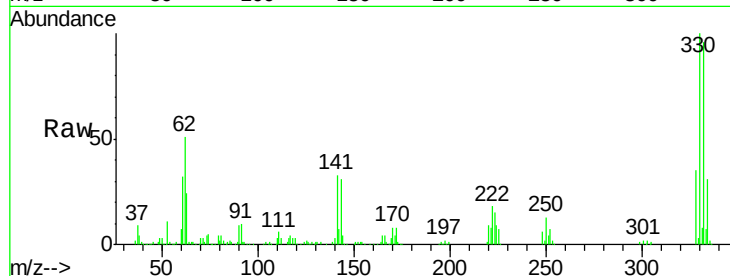




#41
 2,4,6-Tribromophenol
 Concen: 118.69 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086543.D
 Acq: 1 May 2016 1:26

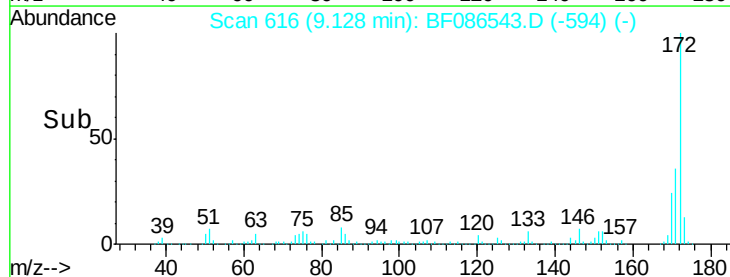
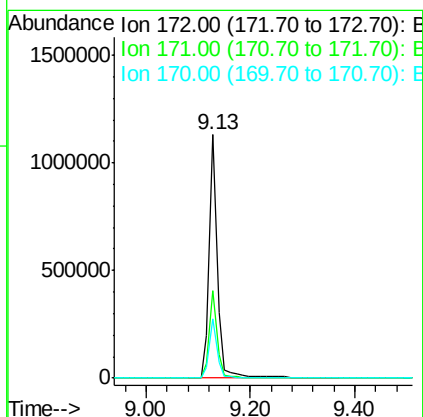
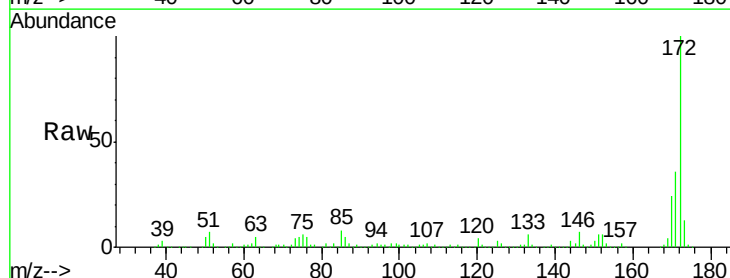
Instrument :
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 ClientSampleId :
 TP-13D24

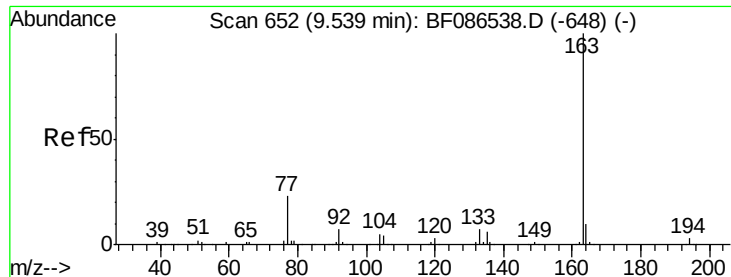
Tgt Ion:330 Resp: 354265
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 38.9 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 75.18 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086543.D
 Acq: 1 May 2016 1:26

Tgt Ion:172 Resp: 1247730
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.3 19.8 29.8

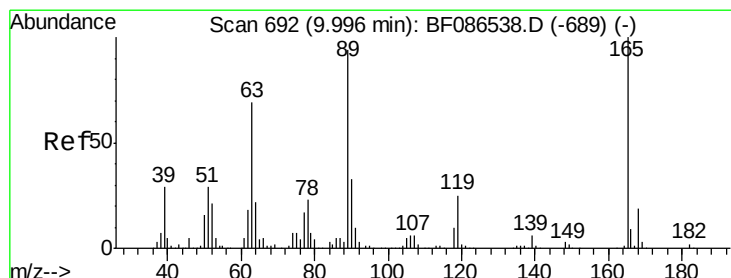
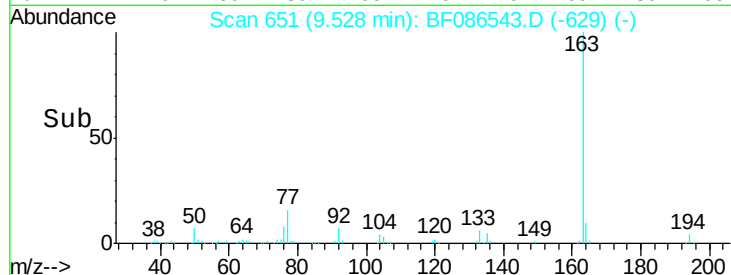
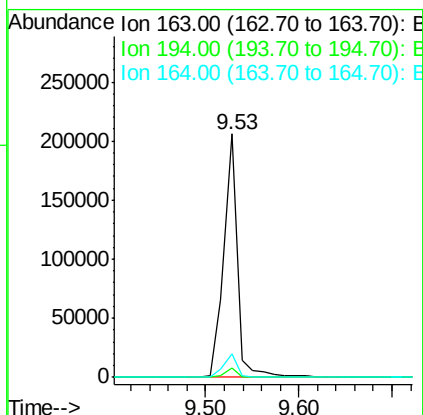
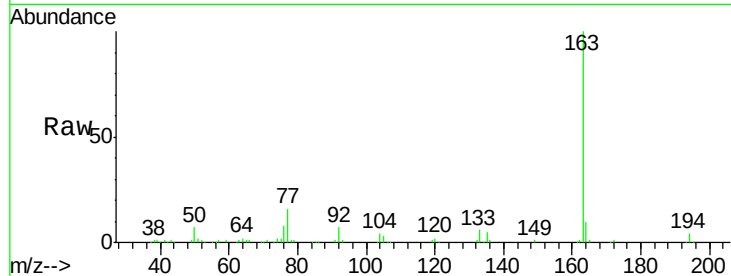




#49
Dimethylphthalate
Concen: 9.87 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086543.D
Acq: 1 May 2016 1:26

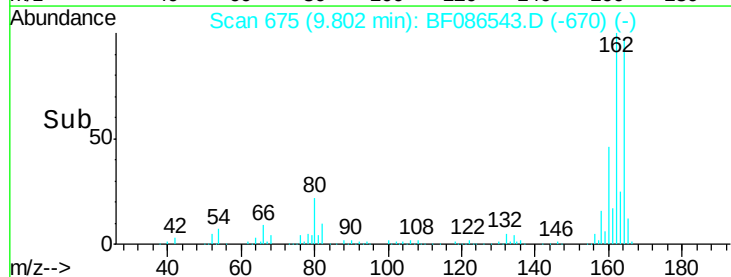
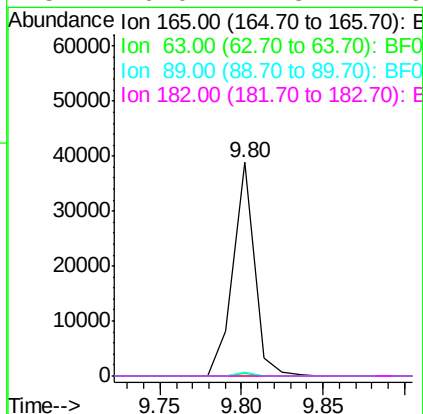
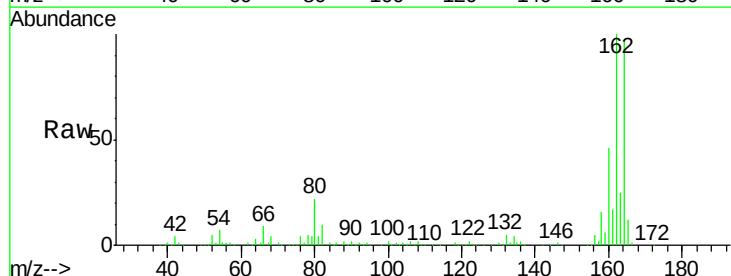
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ClientSampleId :
TP-13D24

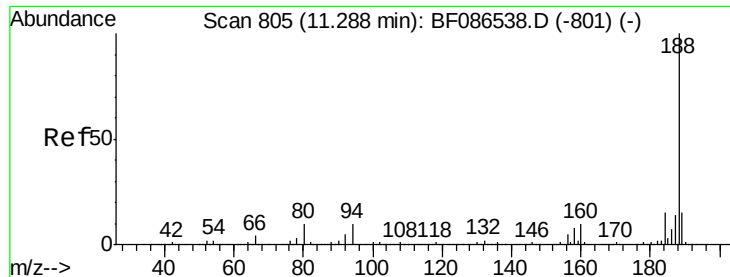
Tgt Ion:163 Resp: 210268
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.7 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.24 min
Lab File: BF086543.D
Acq: 1 May 2016 1:26

Tgt Ion:165 Resp: 35210
Ion Ratio Lower Upper
165 100
63 1.4 44.3 66.5#
89 1.9 70.0 105.0#
182 0.0 1.8 2.6#

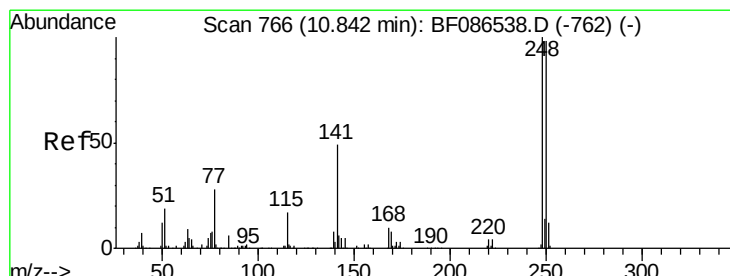
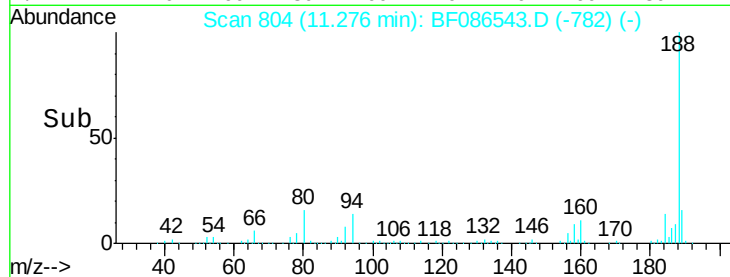
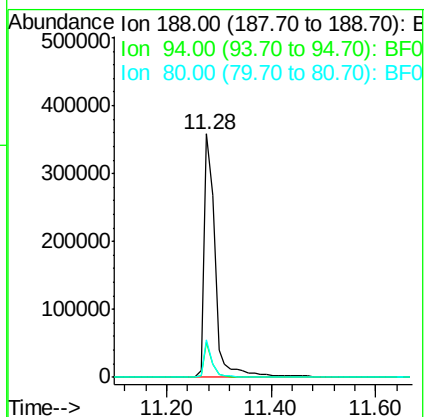
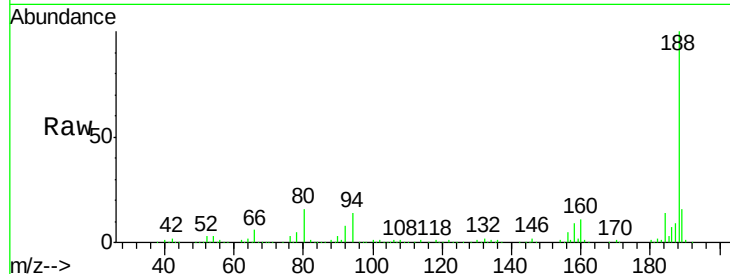




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086543.D
Acq: 1 May 2016 1:26

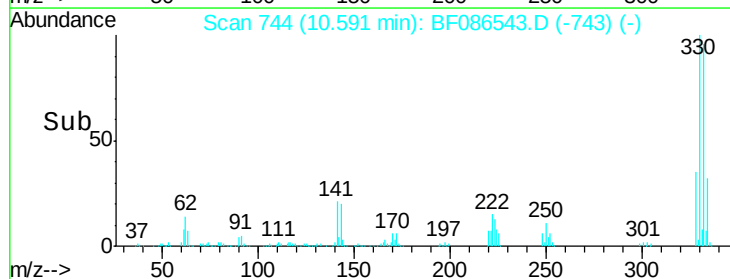
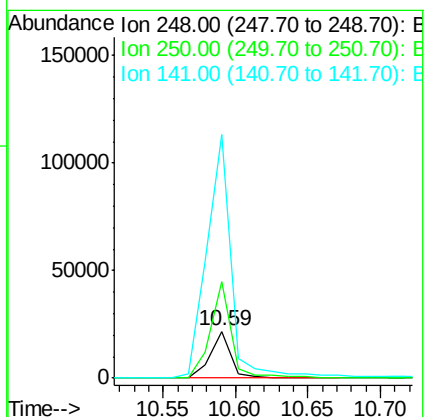
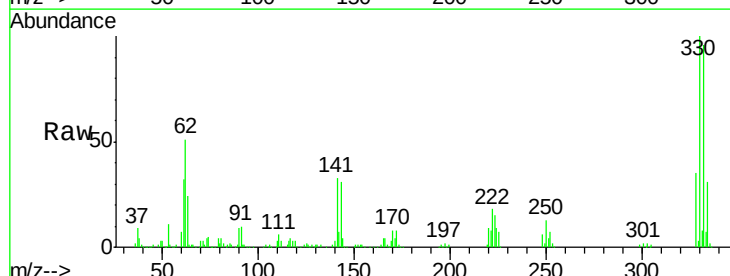
Instrument :
BNA_F
ClientSampleId :
TP-13D24

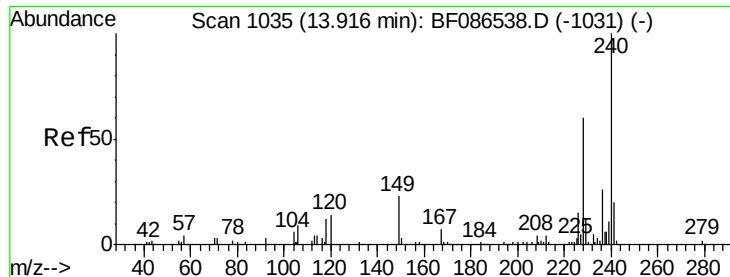
Tgt Ion:188 Resp: 531701
Ion Ratio Lower Upper
188 100
94 14.4 6.8 10.2#
80 15.7 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.29 min
Lab File: BF086543.D
Acq: 1 May 2016 1:26

Tgt Ion:248 Resp: 22025
Ion Ratio Lower Upper
248 100
250 203.9 78.6 117.8#
141 518.2 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

Instrument :

BNA_F

ClientSampleId :

TP-13D24

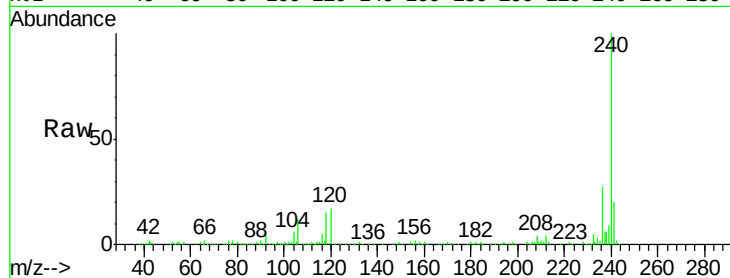
Tgt Ion:240 Resp: 431179

Ion Ratio Lower Upper

240 100

120 17.3 11.2 16.8#

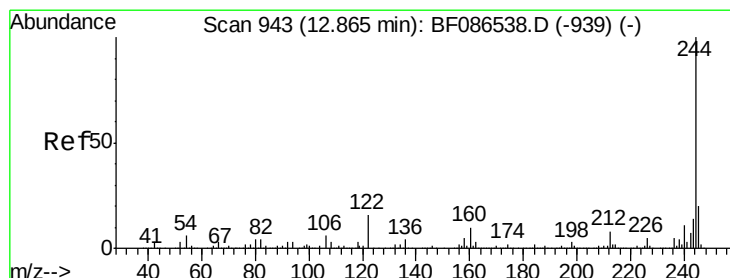
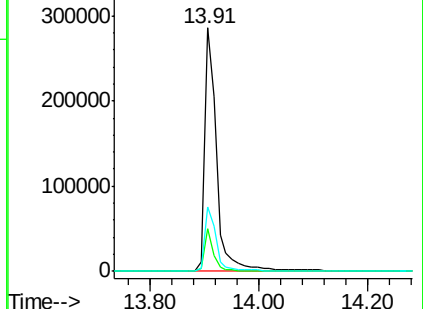
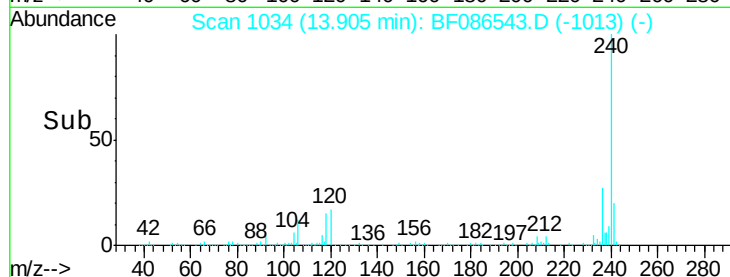
236 26.6 21.2 31.8



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: 60.01 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086543.D

Acq: 1 May 2016 1:26

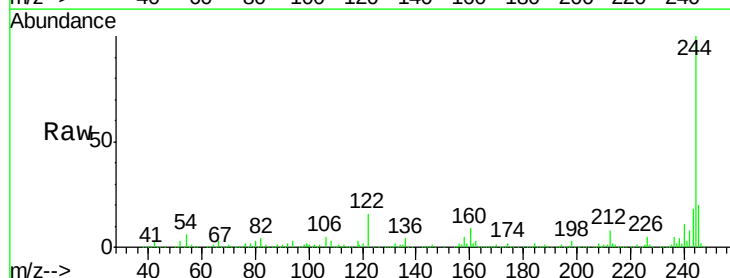
Tgt Ion:244 Resp: 1174498

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

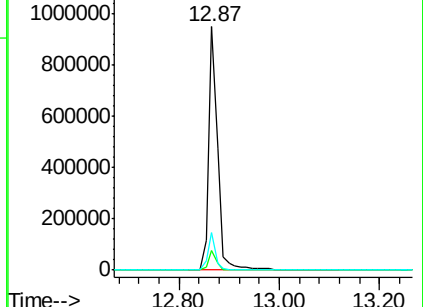
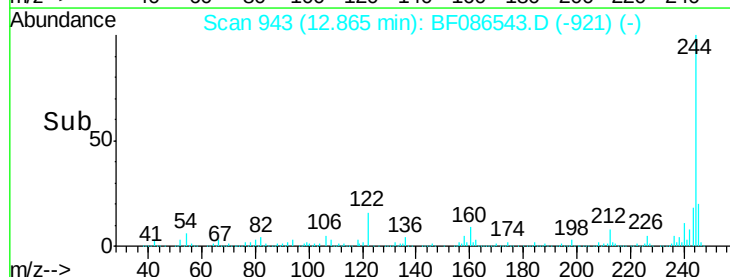
122 15.6 12.0 18.0

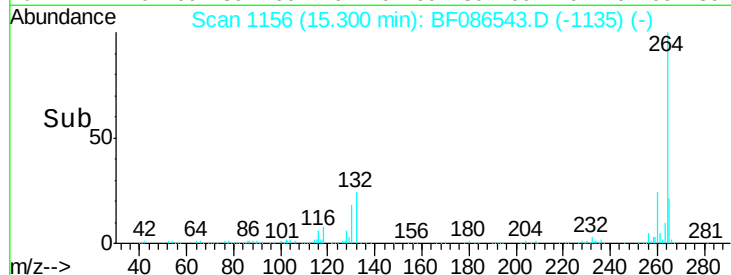
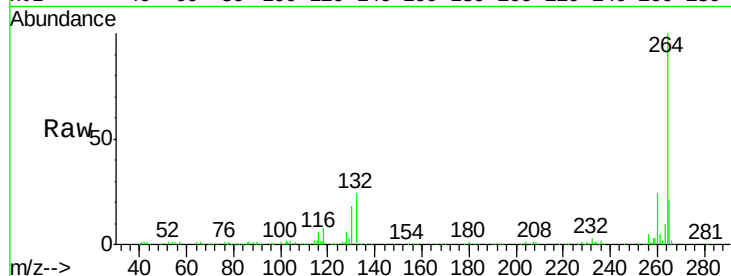
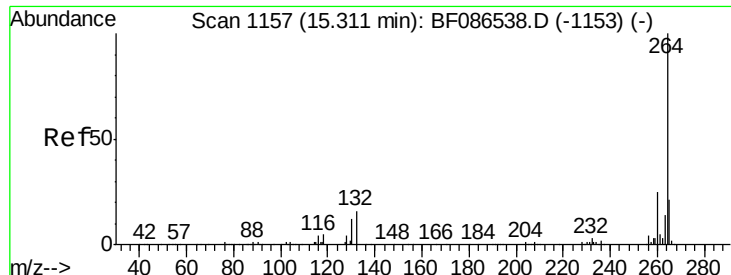


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086543.D
Acq: 1 May 2016 1:26

Instrument :
BNA_F
ClientSampleId :
TP-13D24

Tgt Ion:	264	Resp:	325035
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.4	17.3	25.9

