

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086545.D
 Acq On : 1 May 2016 2:22
 Operator : UM/SJ
 Sample : H2720-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D24

Quant Time: May 02 00:44:53 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

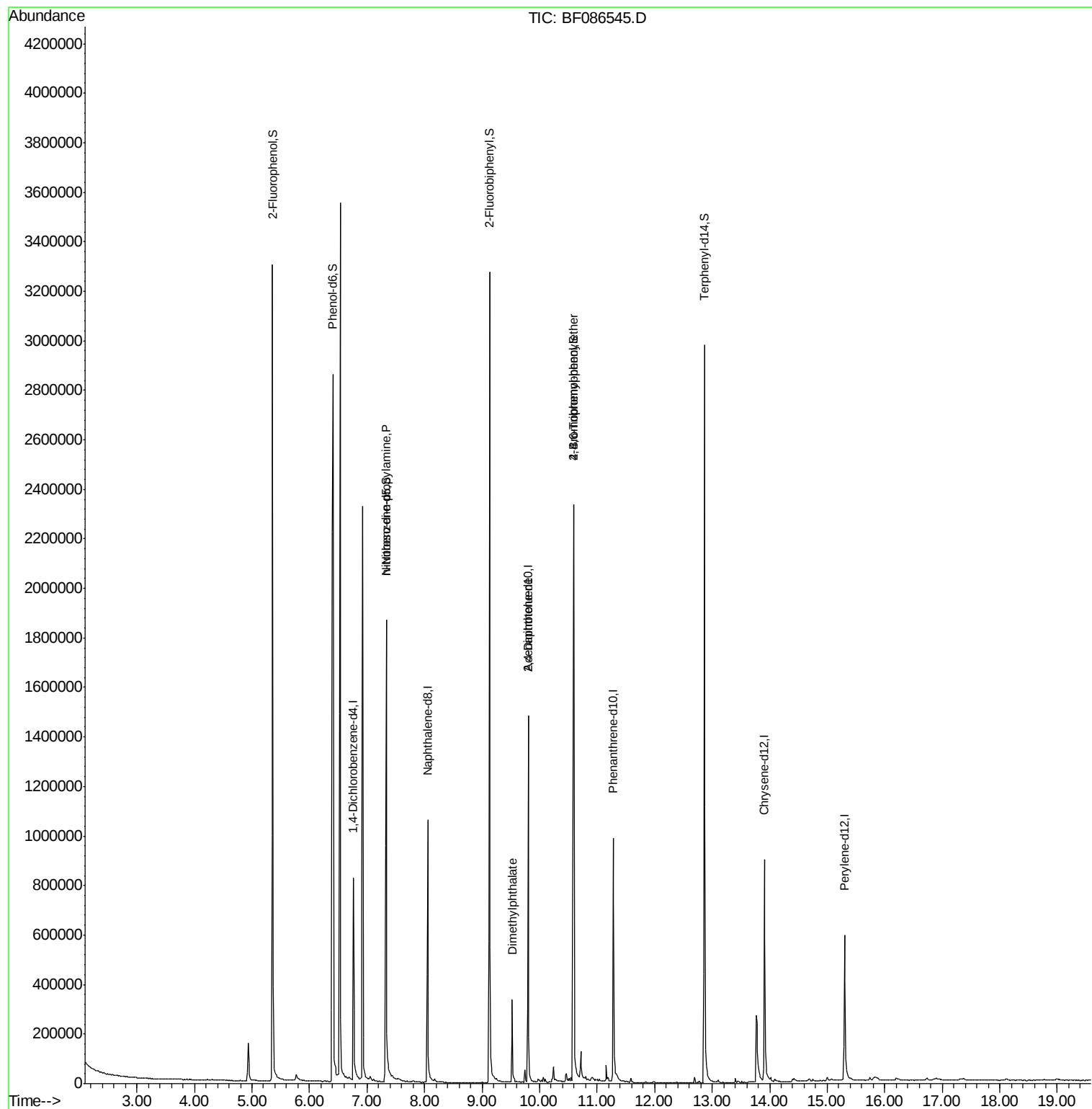
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	134007	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	585952	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	289507	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	557553	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	454448	20.00	ng	-0.06
86) Perylene-d12	15.30	264	338631	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	853645	109.88	ng	-0.03
7) Phenol-d6	6.41	99	1341988	123.76	ng	-0.03
23) Nitrobenzene-d5	7.33	82	774872	71.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	316550	103.68	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1057698	59.41	ng	-0.05
78) Terphenyl-d14	12.87	244	1081178	52.41	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	101451	14.15	ng	# 82
49) Dimethylphthalate	9.53	163	176927	8.12	ng	99
56) 2,4-Dinitrotoluene	9.80	165	36196	6.31	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	19207	3.34	ng	# 1

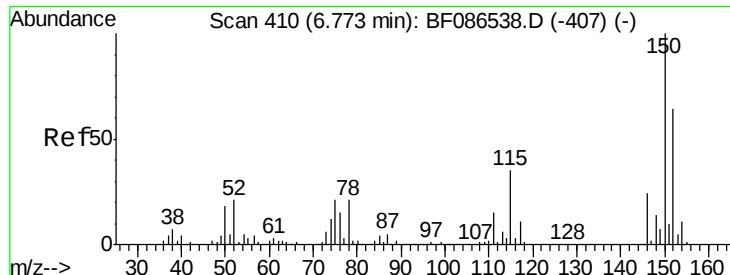
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086545.D

Acq: 1 May 2016 2:22

Instrument :

BNA_F

ClientSampled :

TP-5D24

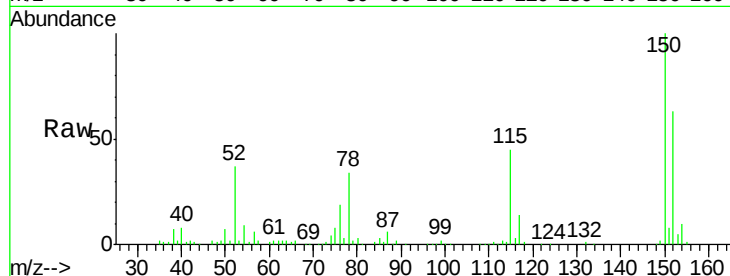
Tgt Ion:152 Resp: 134007

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.6

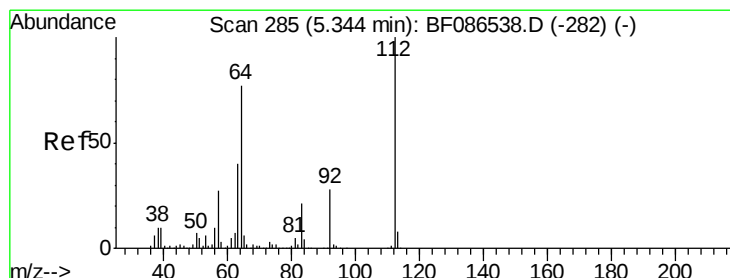
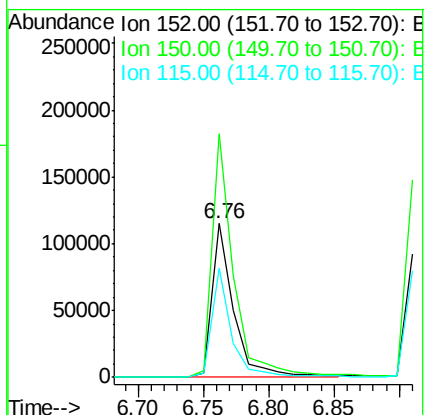
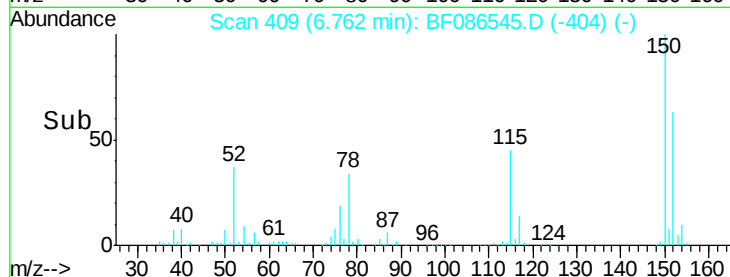
115 71.0 51.5 77.3



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: 109.88 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086545.D

Acq: 1 May 2016 2:22

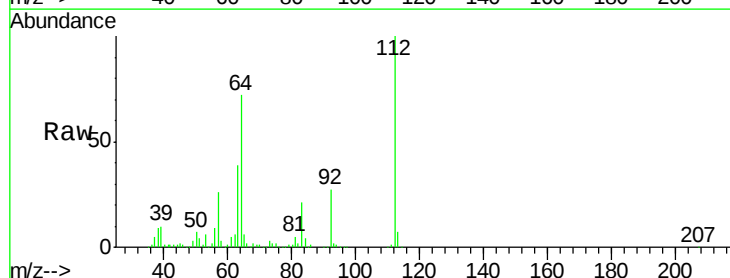
Tgt Ion:112 Resp: 853645

Ion Ratio Lower Upper

112 100

64 72.2 52.1 78.1

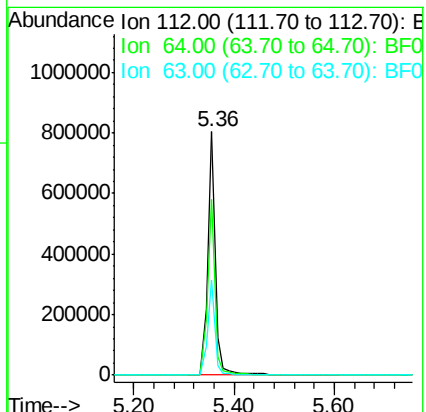
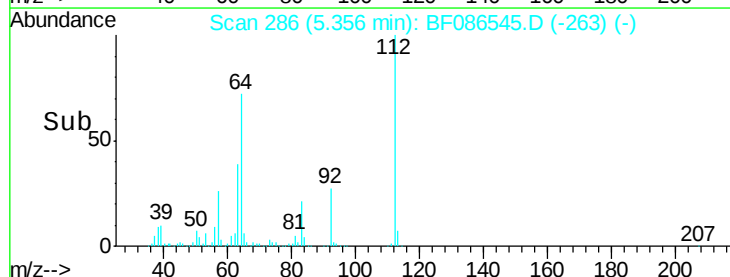
63 38.9 25.7 38.5#

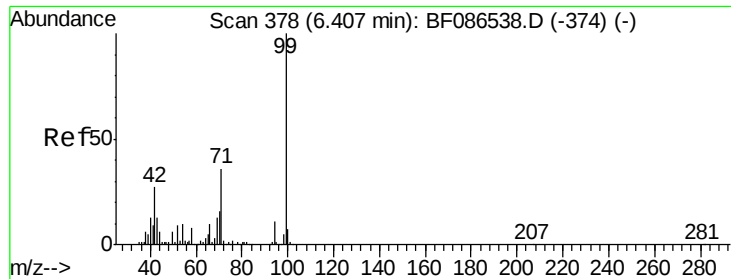


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.76 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086545.D

Acq: 1 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP-5D24

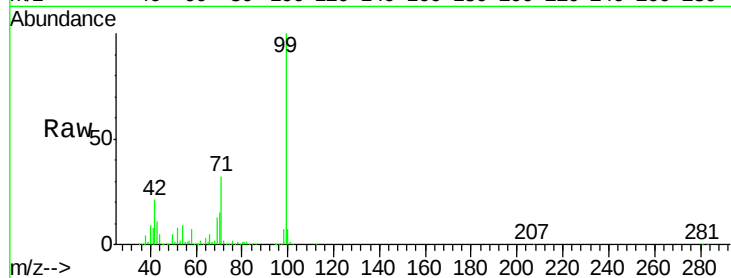
Tgt Ion: 99 Resp: 1341988

Ion Ratio Lower Upper

99 100

42 21.4 13.6 20.4#

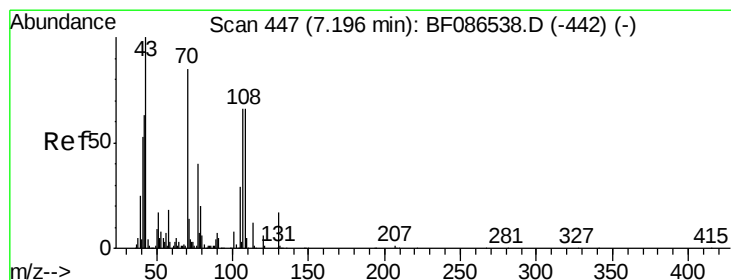
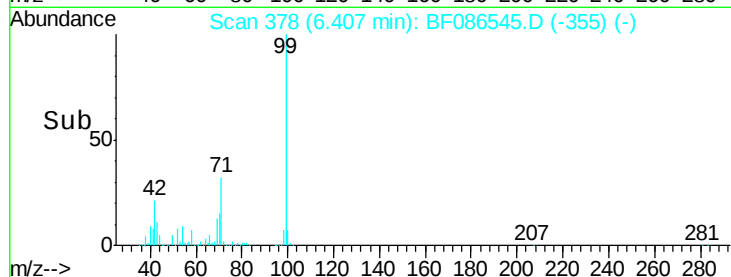
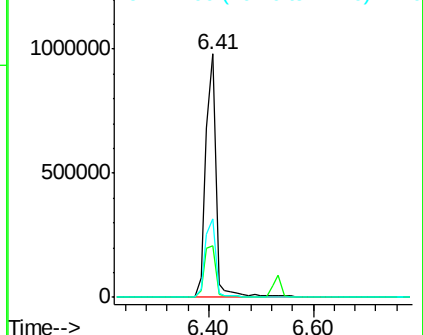
71 32.3 24.6 36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.15 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.10 min

Lab File: BF086545.D

Acq: 1 May 2016 2:22

Tgt Ion: 70 Resp: 101451

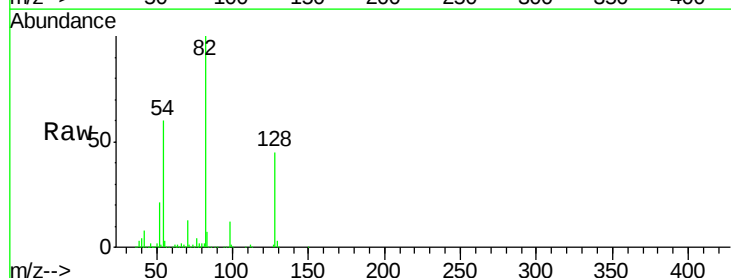
Ion Ratio Lower Upper

70 100

42 58.2 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#

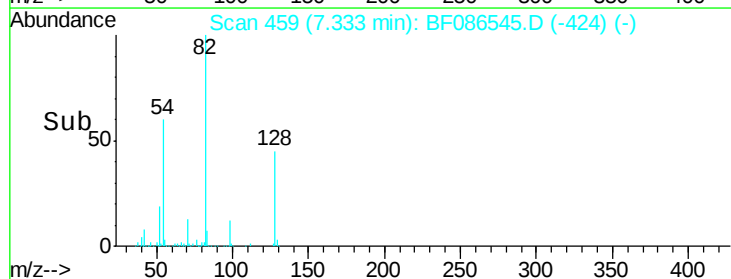
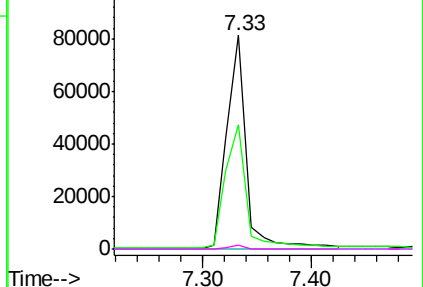


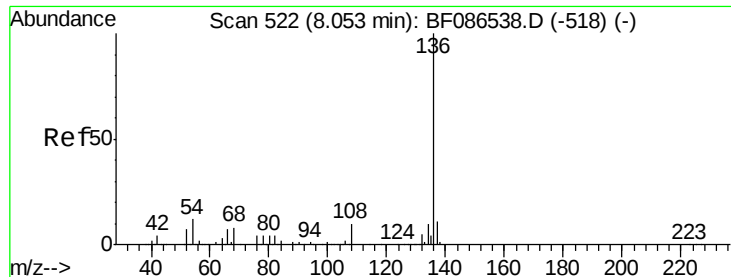
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

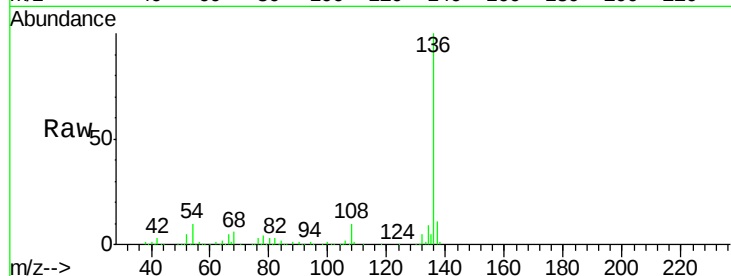




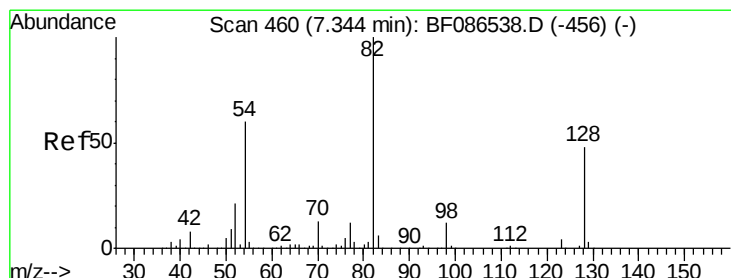
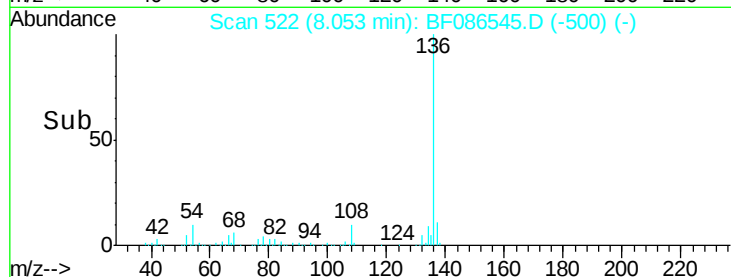
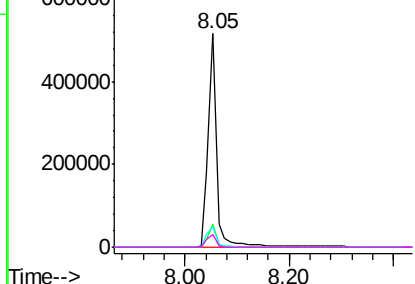
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086545.D
Acq: 1 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
TP-5D24

Tgt Ion:	136	Resp:	585952
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.7	5.0	7.4#
68	6.1	4.4	6.6

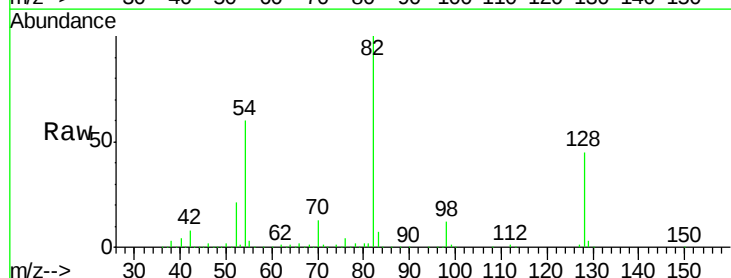


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF0
400000
Ion 68.00 (67.70 to 68.70): BF0
200000
0

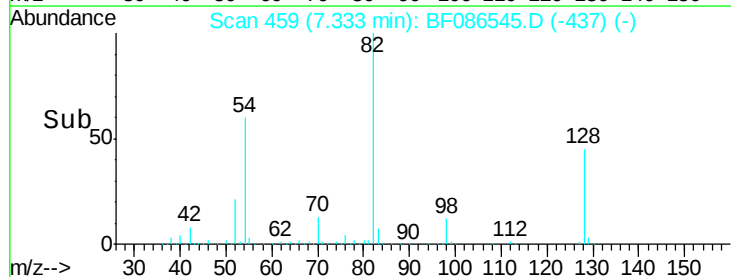
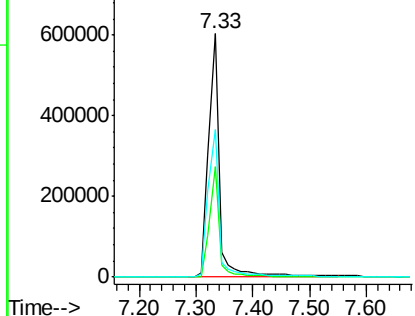


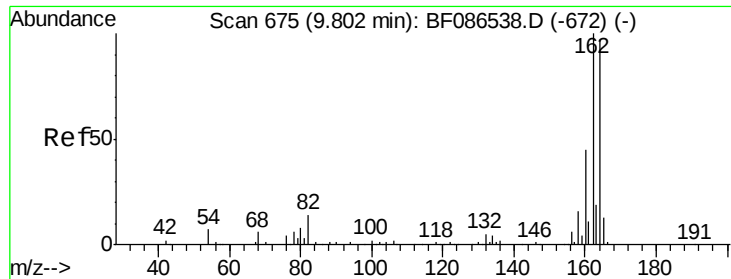
#23
Nitrobenzene-d5
Concen: 71.28 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086545.D
Acq: 1 May 2016 2:22

Tgt Ion:	82	Resp:	774872
Ion	Ratio	Lower	Upper
82	100		
128	45.4	40.6	61.0
54	60.5	38.1	57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
800000
Ion 128.00 (127.70 to 128.70): E
600000
Ion 54.00 (53.70 to 54.70): BF0
400000
200000
0

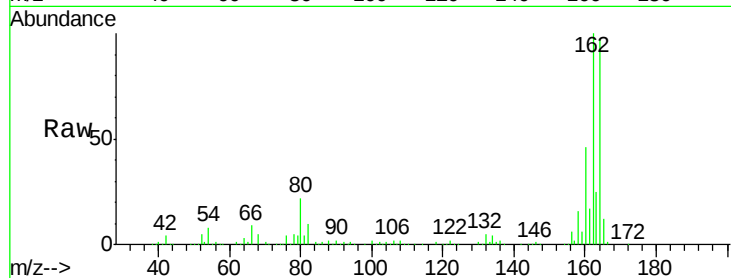




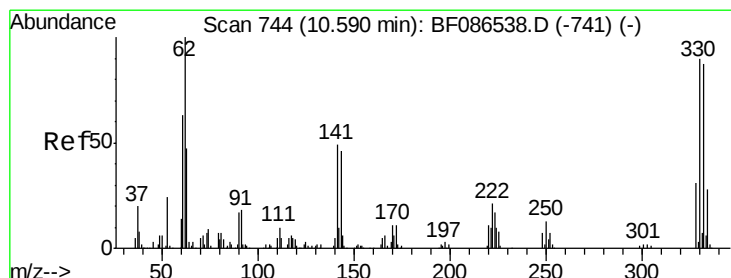
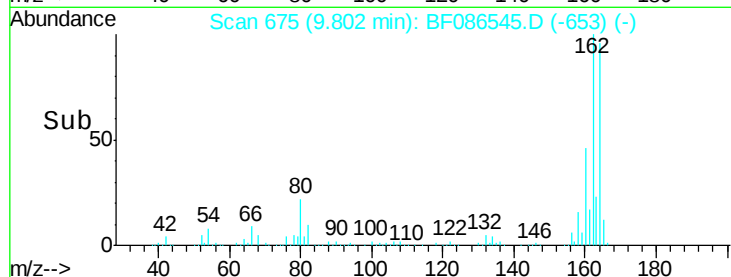
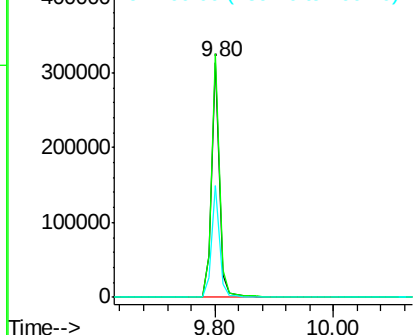
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086545.D
Acq: 1 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
TP-5D24

Tgt Ion:164 Resp: 289507
Ion Ratio Lower Upper
164 100
162 103.5 82.8 124.2
160 47.3 36.9 55.3

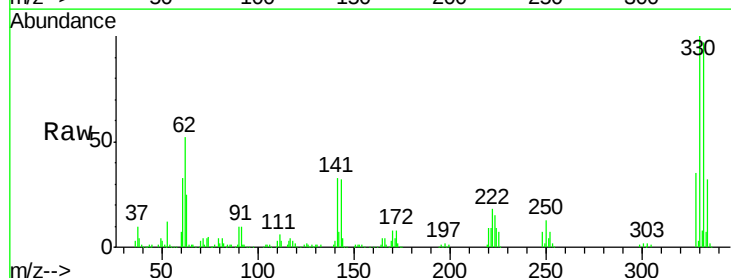


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

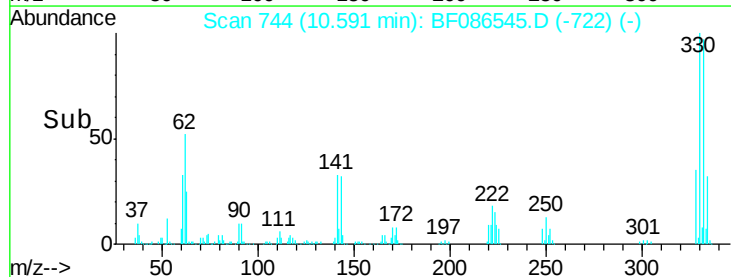
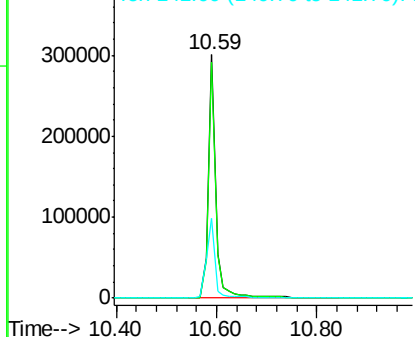


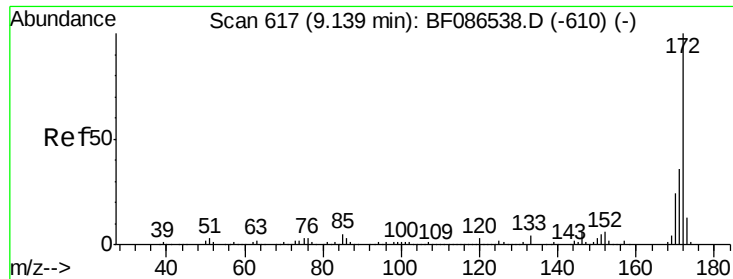
#41
2,4,6-Tribromophenol
Concen: 103.68 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086545.D
Acq: 1 May 2016 2:22

Tgt Ion:330 Resp: 316550
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 37.2 31.2 46.8



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

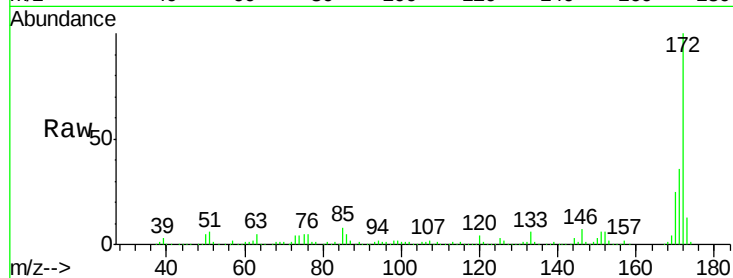




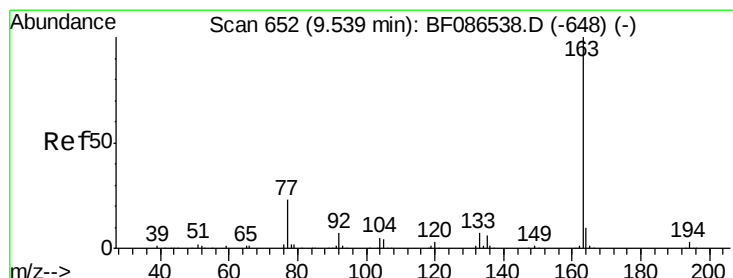
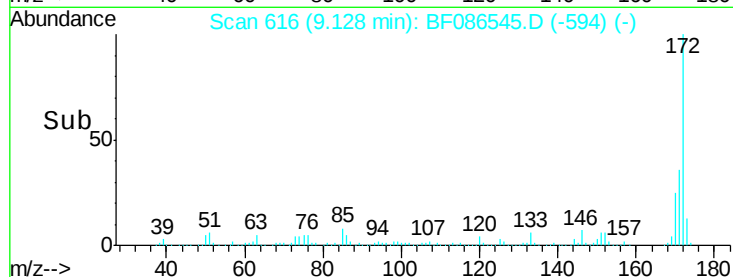
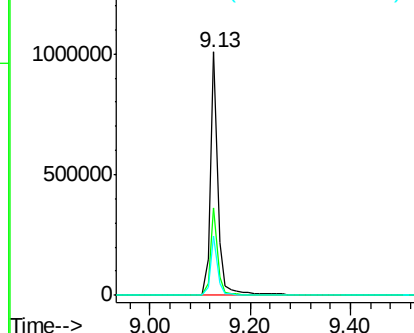
#44
 2-Fluorobiphenyl
 Concen: 59.41 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086545.D
 Acq: 1 May 2016 2:22

Instrument :
 BNA_F
 ClientSampled :
 TP-5D24

Tgt Ion:172 Resp: 1057698
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.6 19.8 29.8

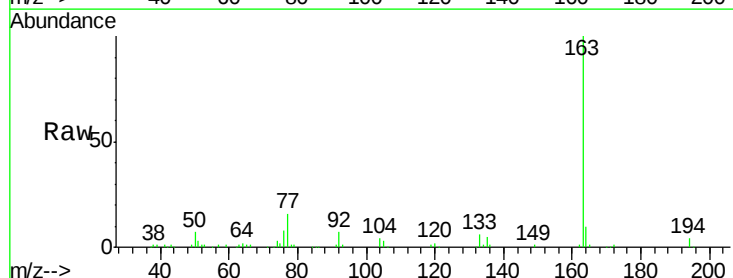


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

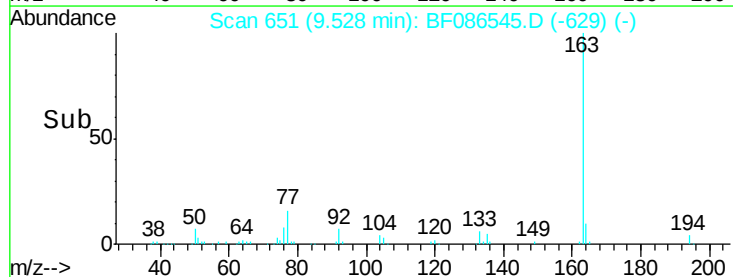
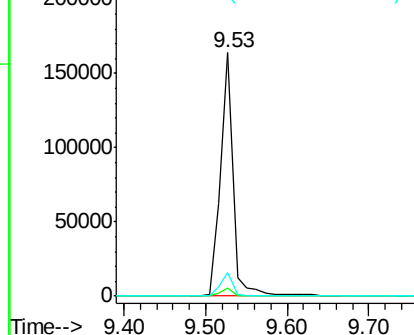


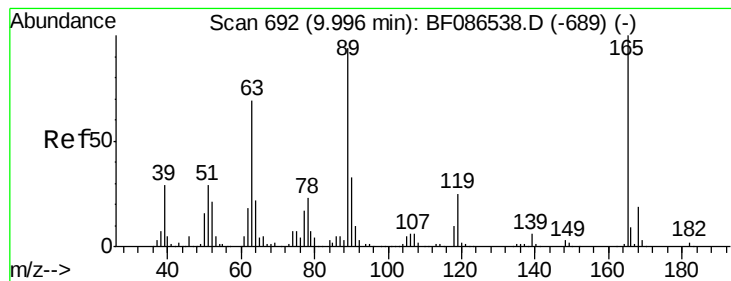
#49
 Dimethylphthalate
 Concen: 8.12 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF086545.D
 Acq: 1 May 2016 2:22

Tgt Ion:163 Resp: 176927
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 9.8 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: 6.31 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.24 min

Lab File: BF086545.D

Acq: 1 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP-5D24

Tgt Ion:165 Resp: 36196

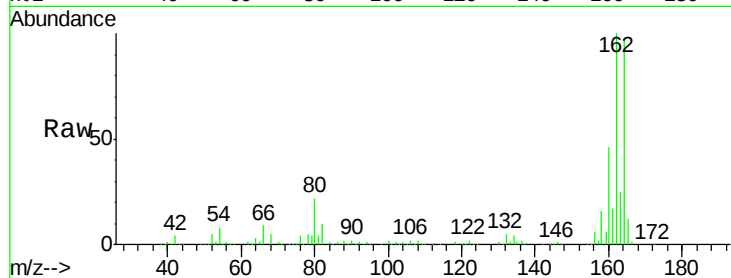
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

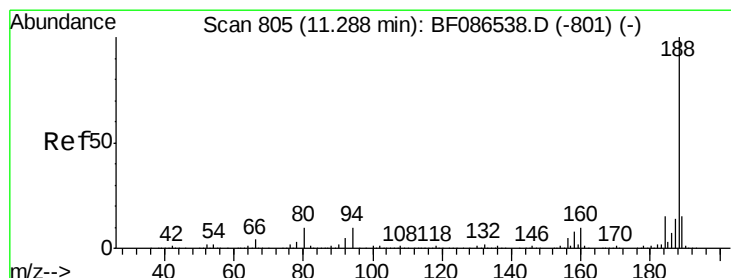
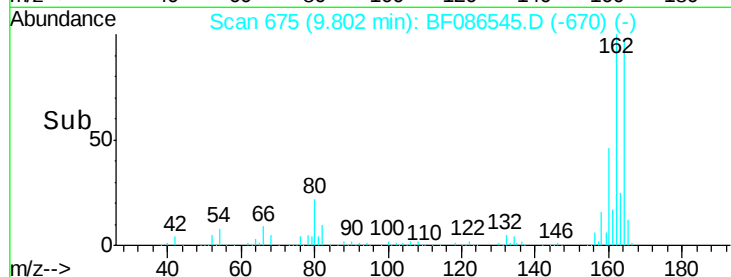
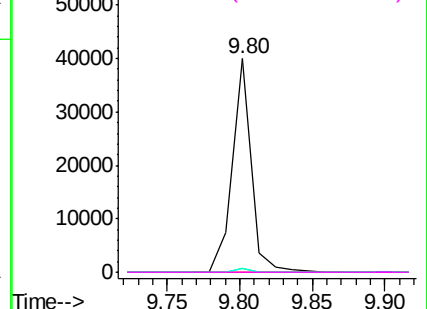


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086545.D

Acq: 1 May 2016 2:22

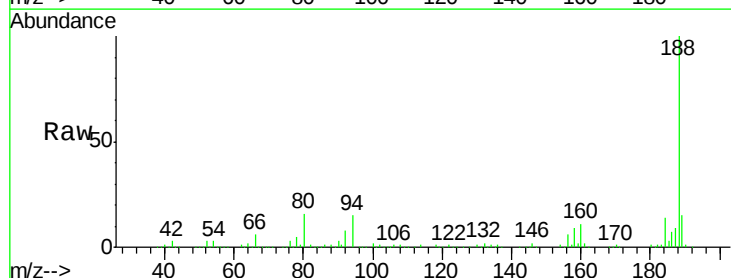
Tgt Ion:188 Resp: 557553

Ion Ratio Lower Upper

188 100

94 14.6 6.8 10.2#

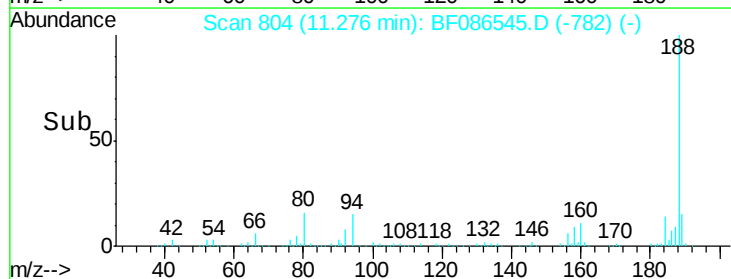
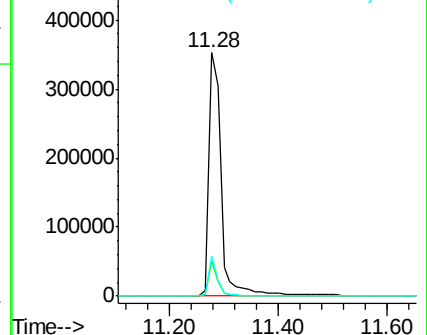
80 16.2 7.1 10.7#

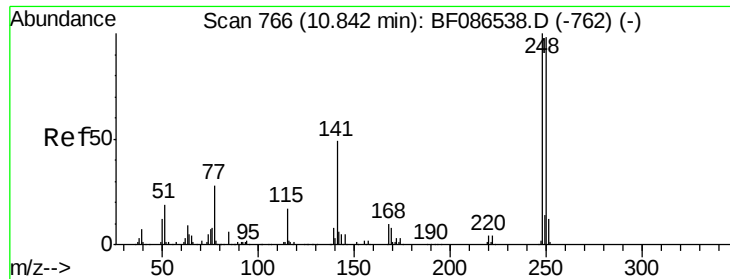


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

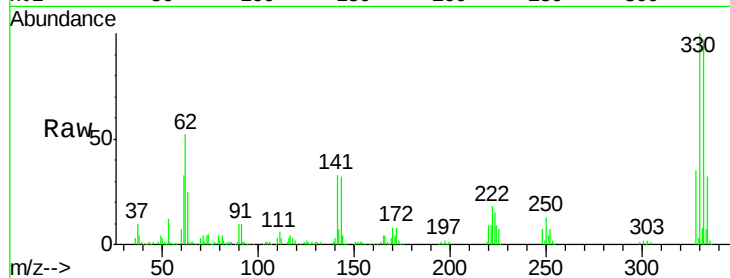




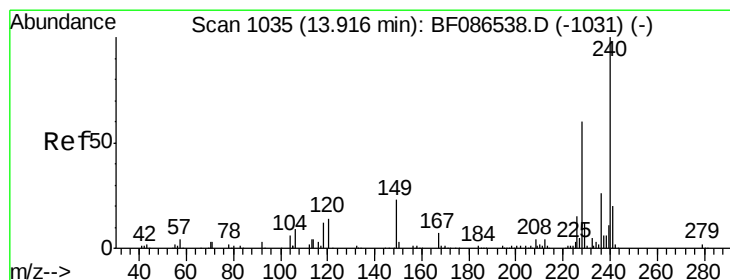
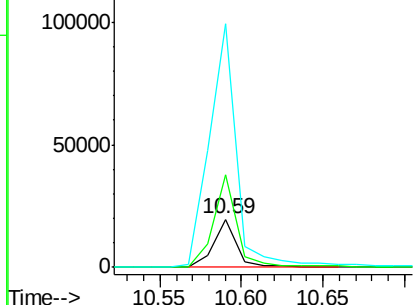
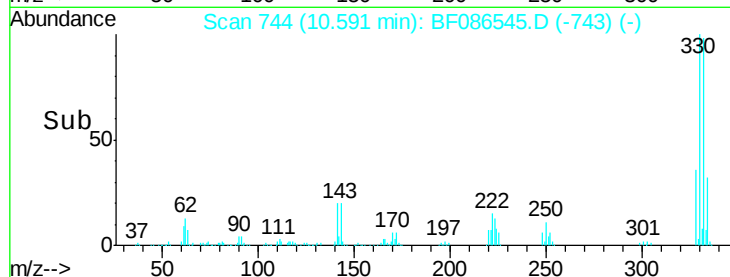
#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.29 min
Lab File: BF086545.D
Acq: 1 May 2016 2:22

Instrument :
BNA_F
ClientSampled :
TP-5D24

Tgt Ion:248 Resp: 19207
Ion Ratio Lower Upper
248 100
250 193.3 78.6 117.8#
141 505.4 76.0 114.0#

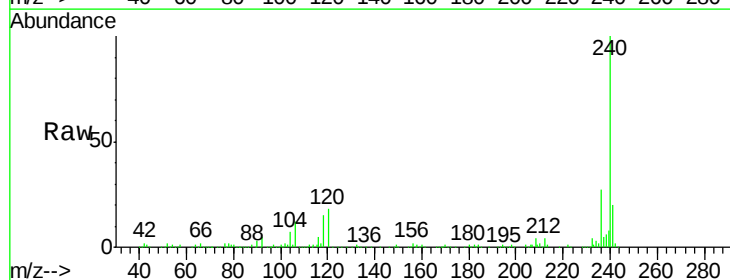


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

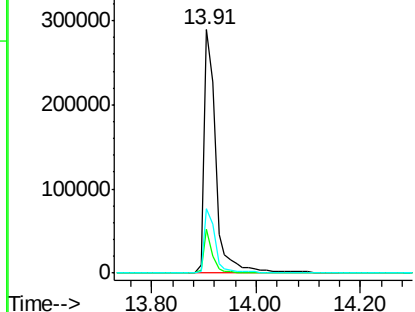
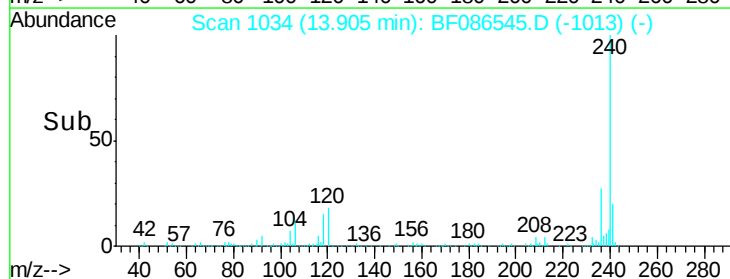


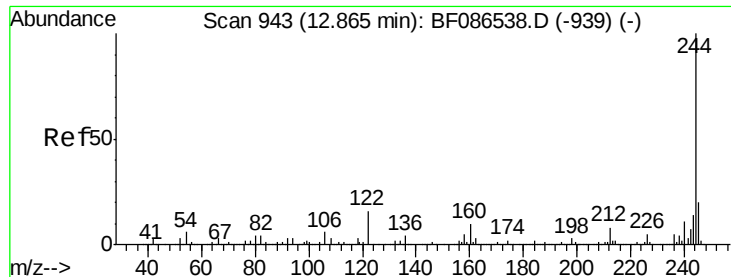
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086545.D
Acq: 1 May 2016 2:22

Tgt Ion:240 Resp: 454448
Ion Ratio Lower Upper
240 100
120 18.0 11.2 16.8#
236 26.5 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

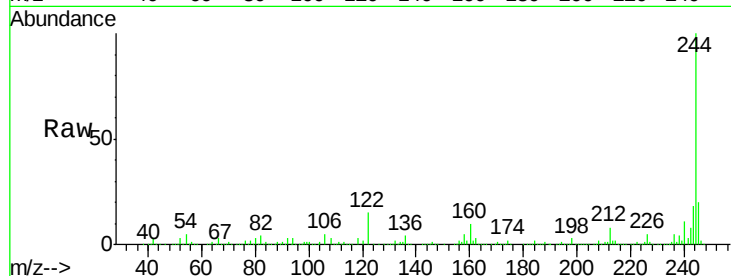




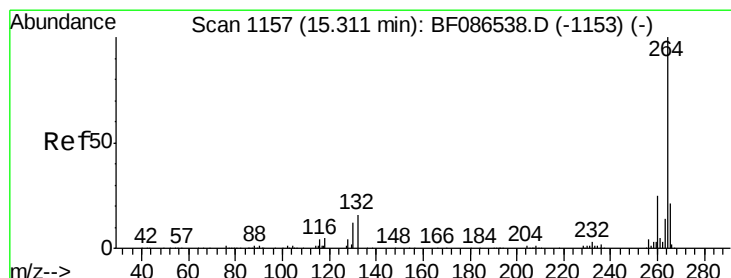
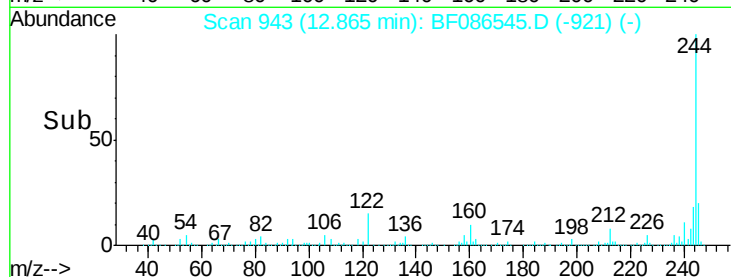
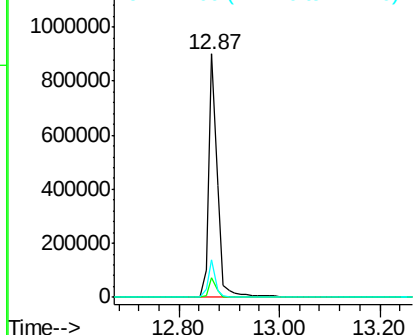
#78
 Terphenyl-d14
 Concen: 52.41 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086545.D
 Acq: 1 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D24

Tgt Ion:244 Resp: 1081178
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 15.3 12.0 18.0

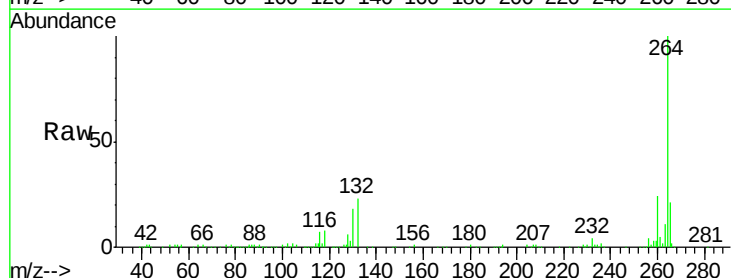


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086545.D
 Acq: 1 May 2016 2:22

Tgt Ion:264 Resp: 338631
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.2 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

