

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086624.D
 Acq On : 2 May 2016 18:24
 Operator : UM/SJ
 Sample : H2716-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Quant Time: May 03 01:17:38 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	183037	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	786714	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	350678	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	745334	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	588722	20.00	ng	-0.07
86) Perylene-d12	15.29	264	86346	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1429094	134.67	ng	-0.02
7) Phenol-d6	6.41	99	1850247	124.93	ng	-0.03
23) Nitrobenzene-d5	7.32	82	1240971	85.02	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	537796	145.42	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	2026104	106.48	ng	-0.06
78) Terphenyl-d14	12.86	244	2403169	89.93	ng	-0.05

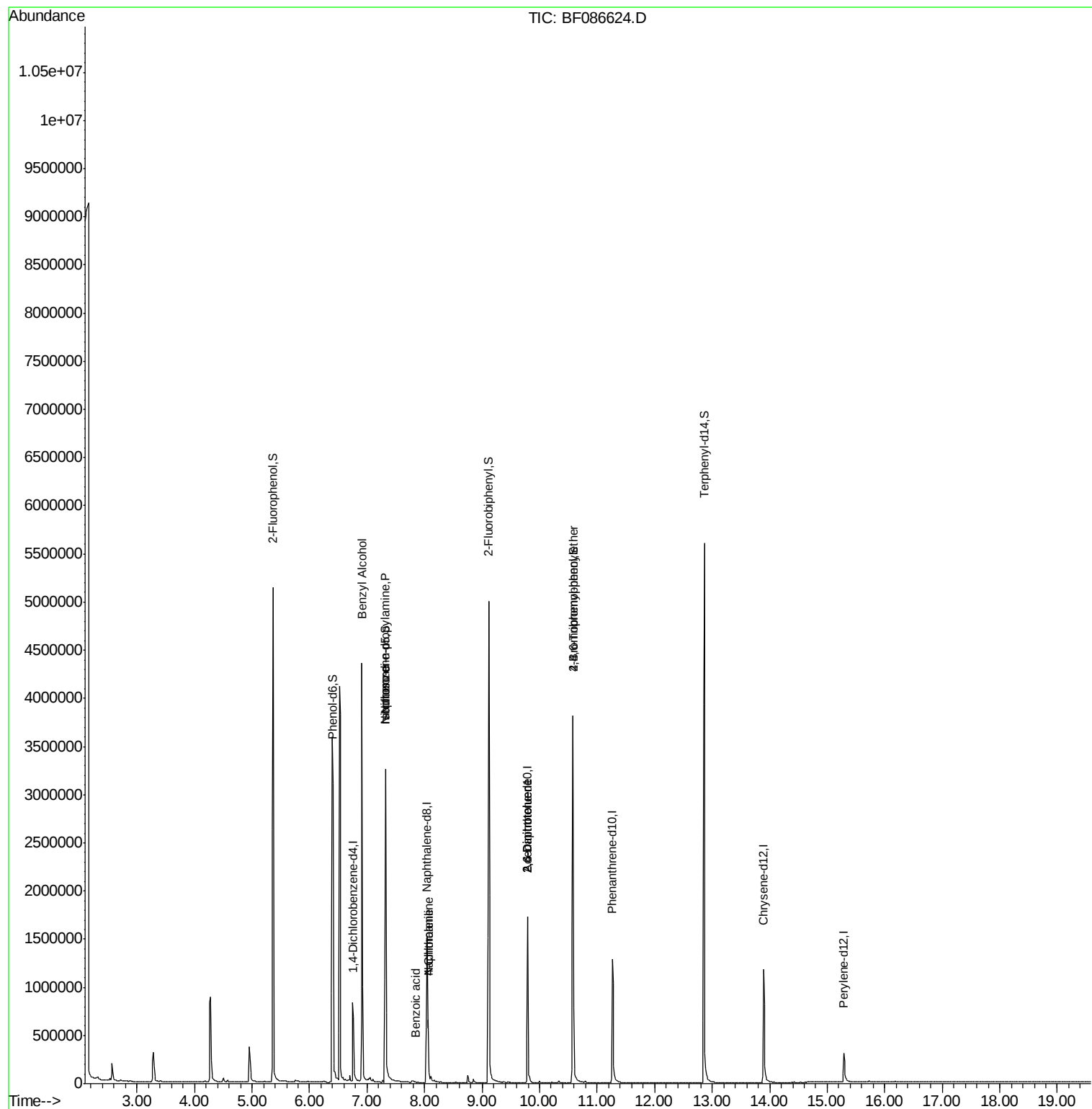
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.91	79	22104	2.36	ng	# 41
19) n-Nitroso-di-n-propylamine	7.32	70	168850	17.25	ng	# 72
25) Isophorone	7.32	82	950404	33.83	ng	# 68
31) Naphthalene	8.06	128	391871	9.79	ng	# 99
32) Benzoic acid	7.85	122	265	8.81	ng	# 1
33) 4-Chloroaniline	8.06	127	49910	3.33	ng	# 36
50) 2,6-Dinitrotoluene	9.79	165	44187	8.10	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	44911	6.46	ng	# 17
66) 4-Bromophenyl-phenylether	10.58	248	31500	4.10	ng	# 1

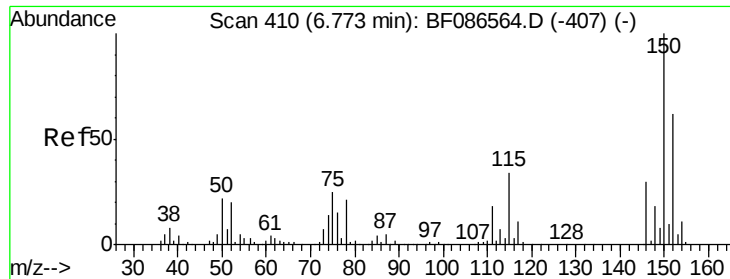
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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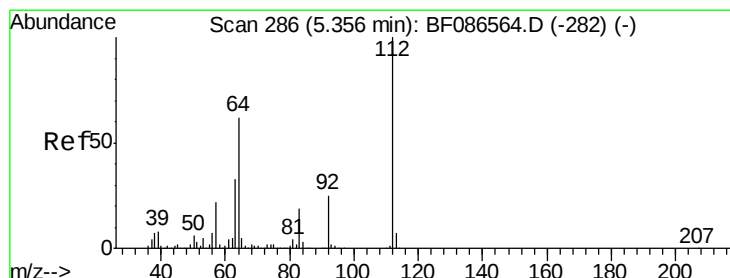
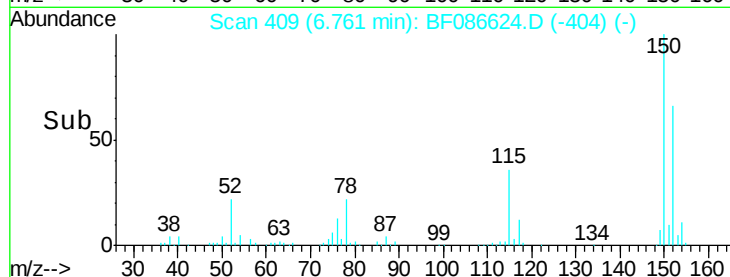
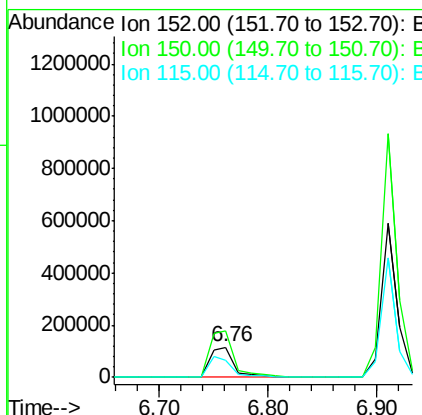
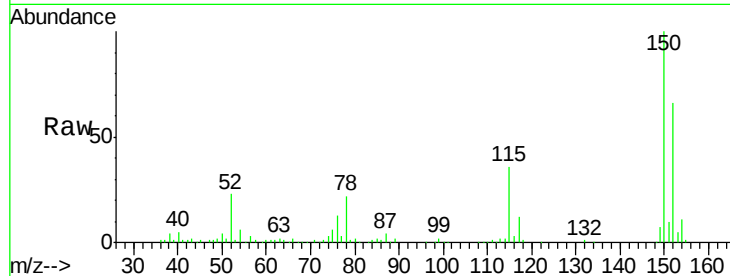




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

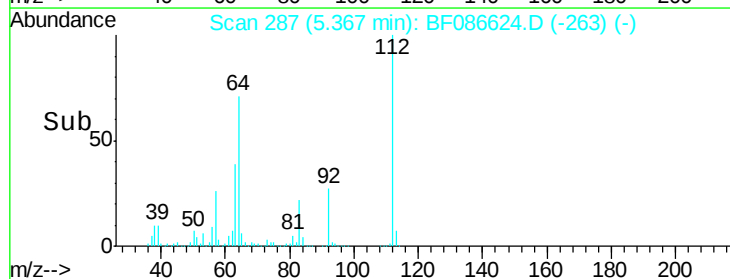
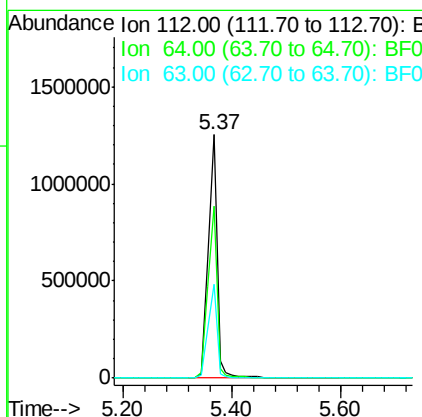
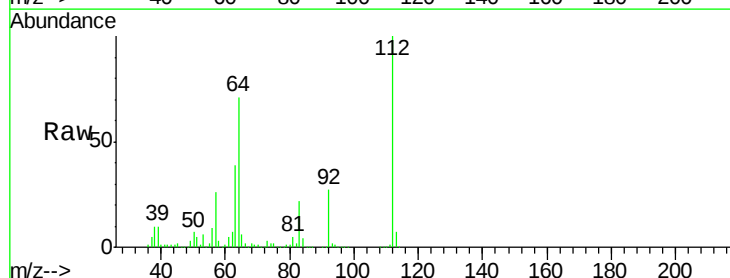
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Tgt Ion:152 Resp: 183037
 Ion Ratio Lower Upper
 152 100
 150 151.1 125.8 188.6
 115 54.8 51.5 77.3



#5
 2-Fluorophenol
 Concen: 134.67 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Tgt Ion:112 Resp: 1429094
 Ion Ratio Lower Upper
 112 100
 64 70.9 52.1 78.1
 63 38.8 25.7 38.5#





#7

Phenol-d6

Concen: 124.93 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-3(12-18FTBGS)

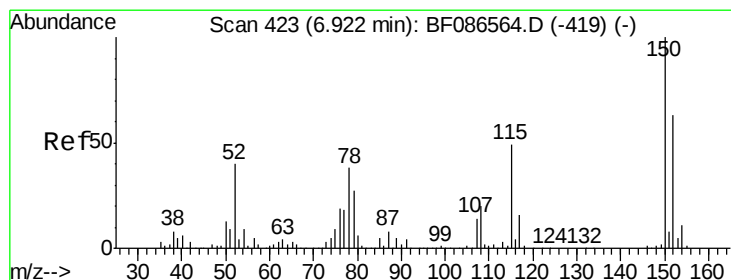
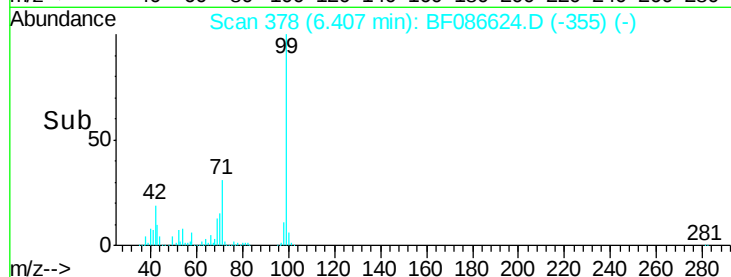
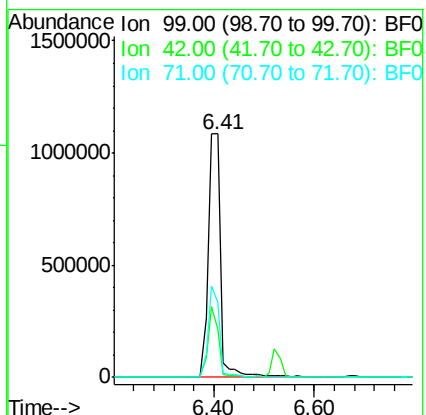
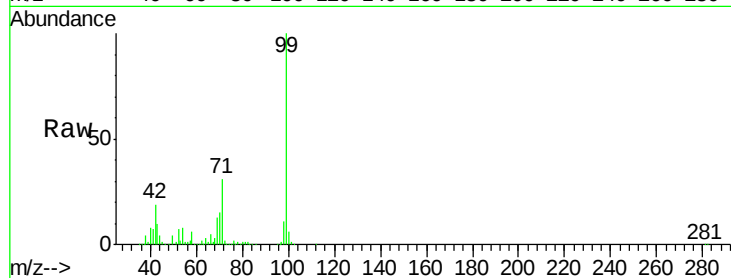
Tgt Ion: 99 Resp: 1850247

Ion Ratio Lower Upper

99 100

42 19.5 13.6 20.4

71 30.5 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.36 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

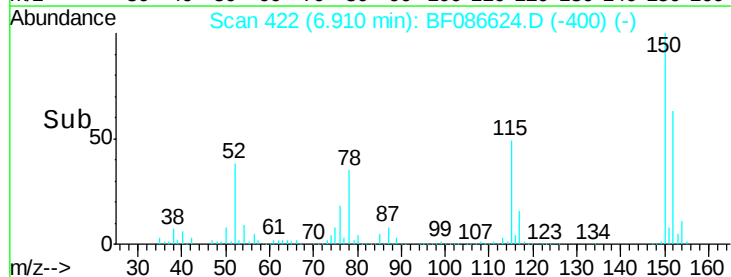
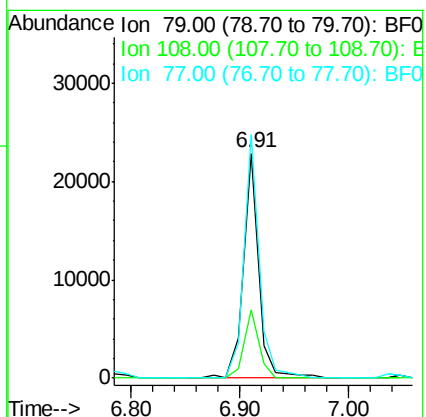
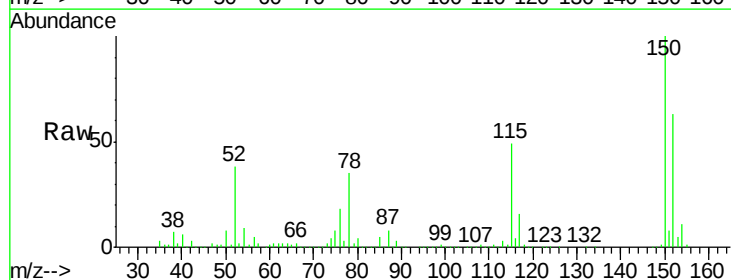
Tgt Ion: 79 Resp: 22104

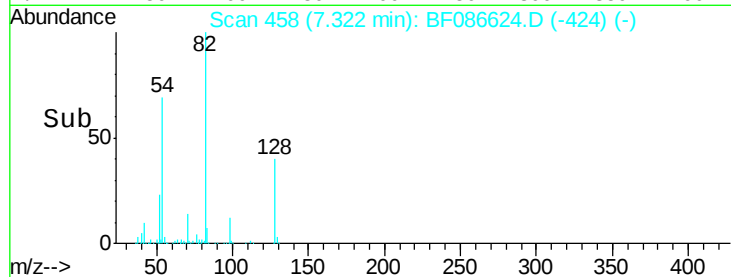
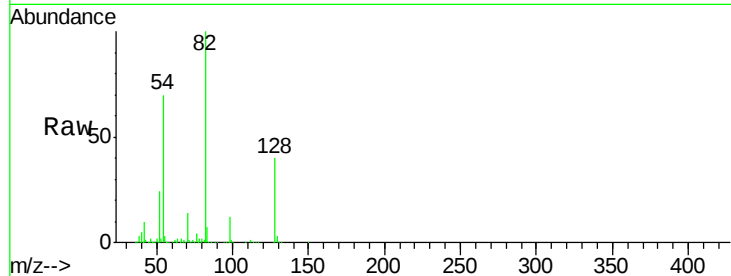
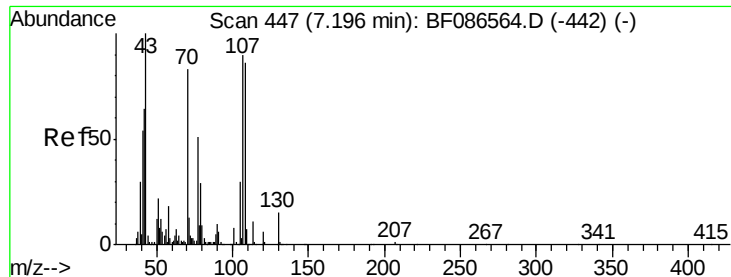
Ion Ratio Lower Upper

79 100

108 30.5 68.4 102.6#

77 108.3 50.6 76.0#

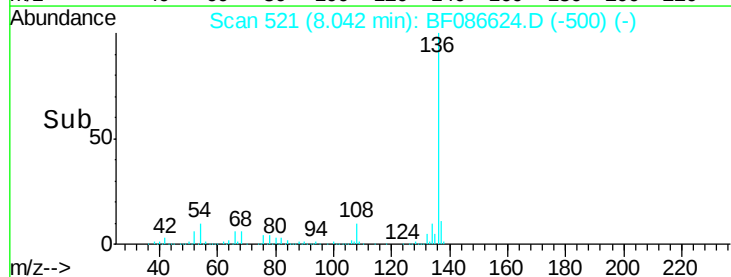
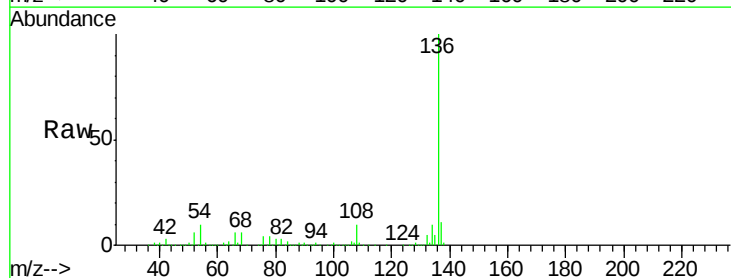
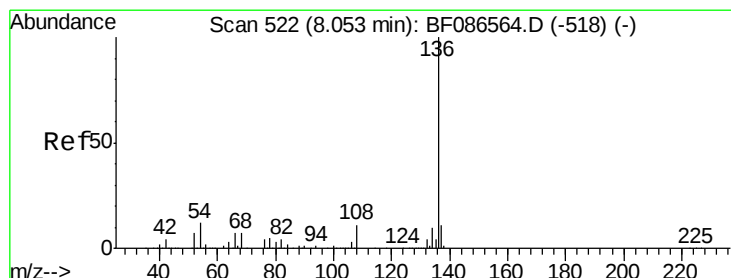
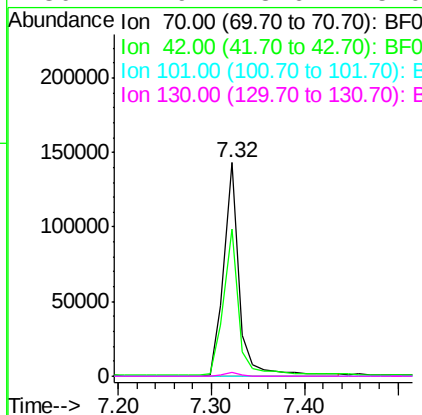




#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

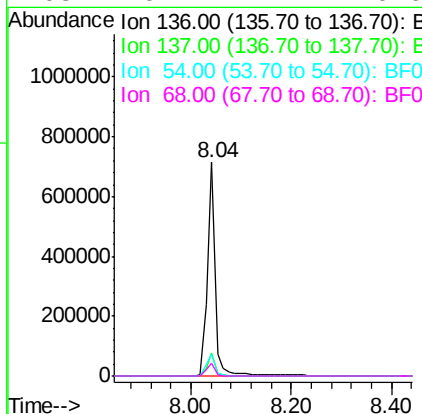
Instrument :
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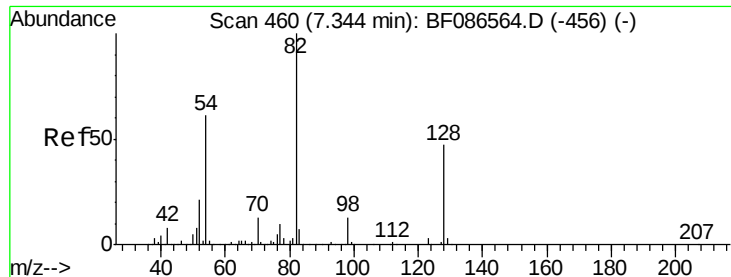
Tgt Ion:	70	Resp:	168850
Ion	Ratio	Lower	Upper
70	100		
42	68.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

Tgt Ion:	136	Resp:	786714
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.2	5.0	7.4#
68	6.2	4.4	6.6

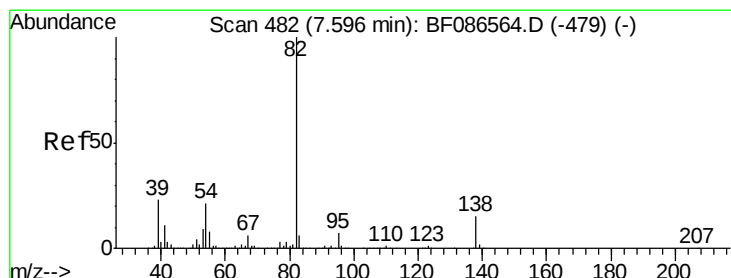
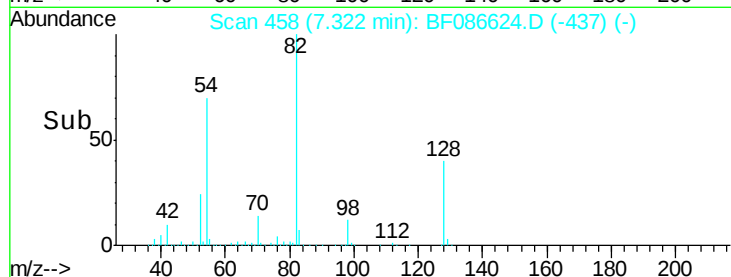
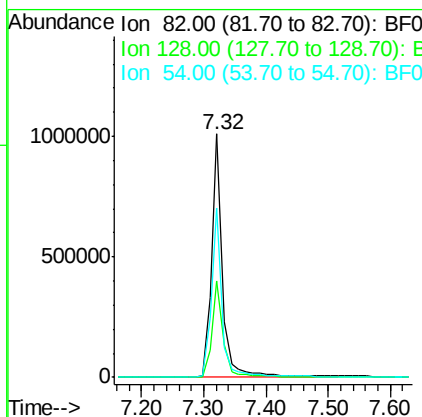
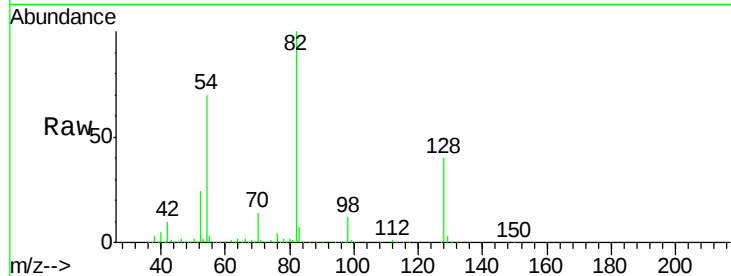




#23
Nitrobenzene-d5
Concen: 85.02 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

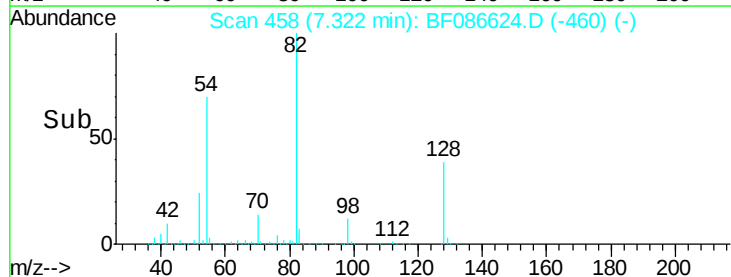
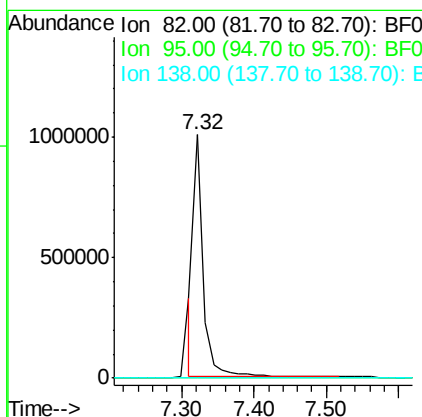
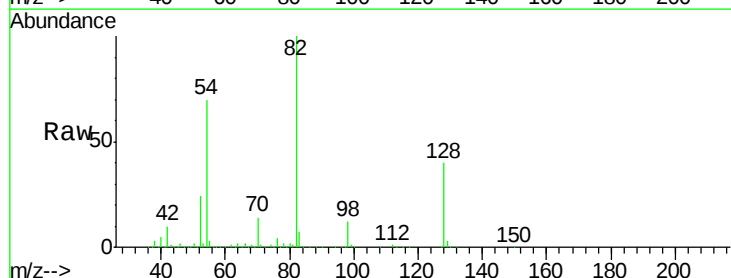
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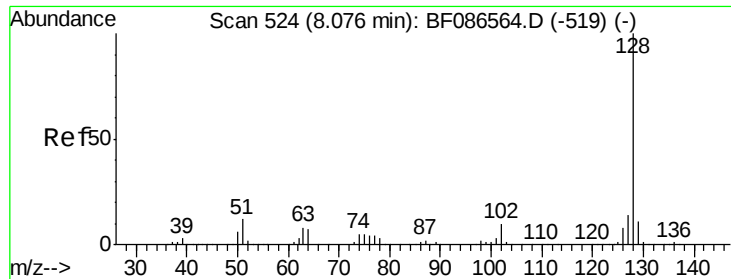
Tgt Ion: 82 Resp: 1240971
Ion Ratio Lower Upper
82 100
128 39.5 40.6 61.0#
54 69.6 38.1 57.1#



#25
Isophorone
Concen: 33.83 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.32 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

Tgt Ion: 82 Resp: 950404
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#

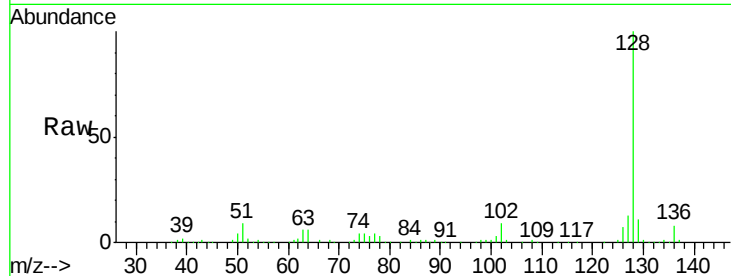




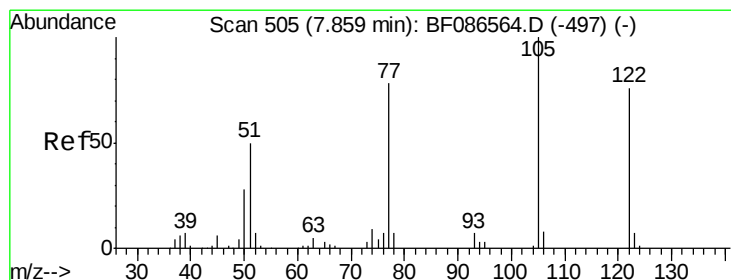
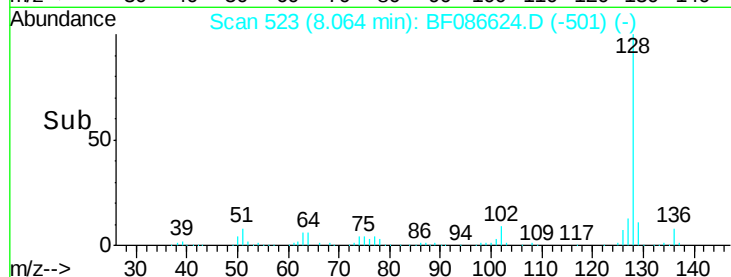
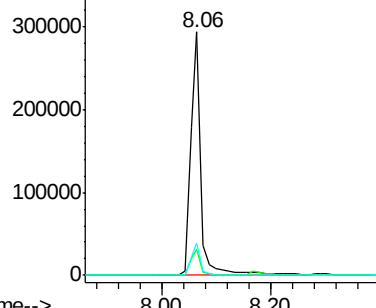
#31
Naphthalene
Concen: 9.79 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-3(12-18FTBGS)

Tgt Ion:128 Resp: 391871
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.1 10.8 16.2

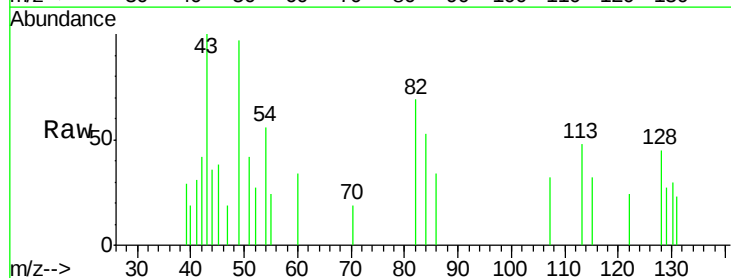


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

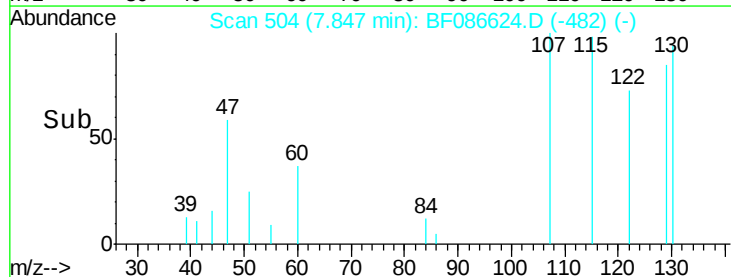
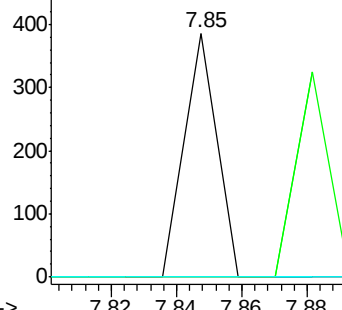


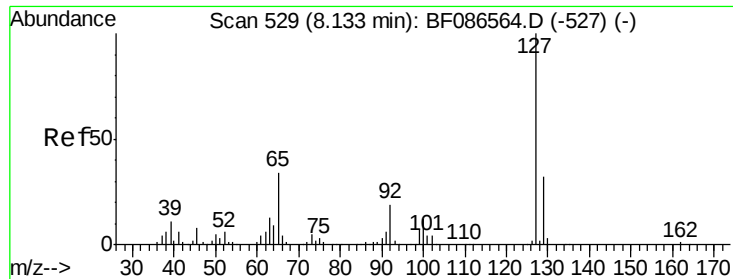
#32
Benzoic acid
Concen: 8.81 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.04 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

Tgt Ion:122 Resp: 265
Ion Ratio Lower Upper
122 100
105 0.0 92.6 132.6#
77 0.0 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

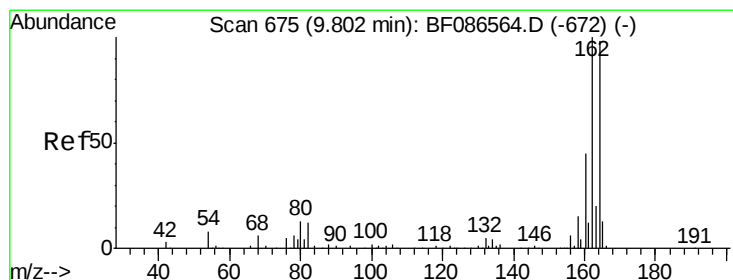
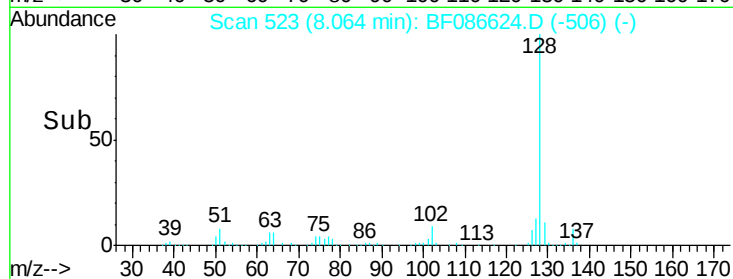
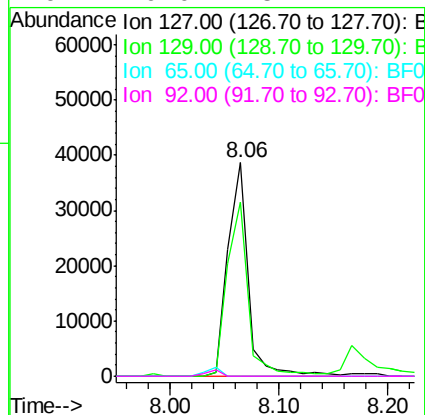
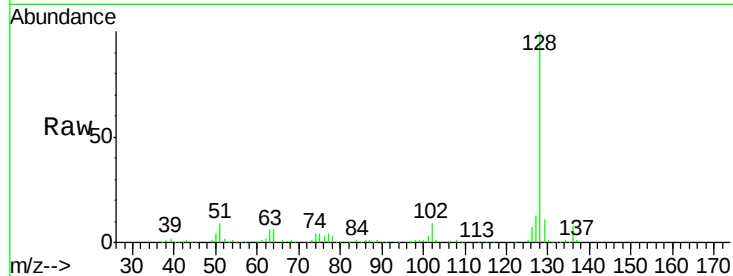




#33
4-Chloroaniline
Concen: 3.33 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

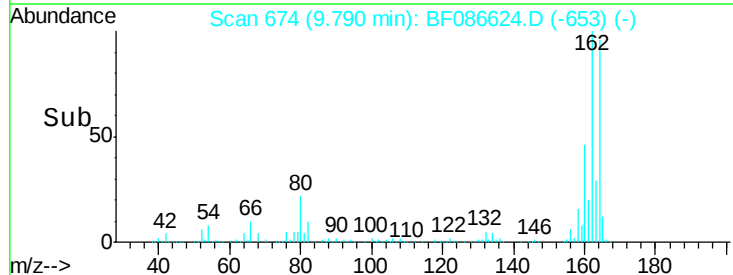
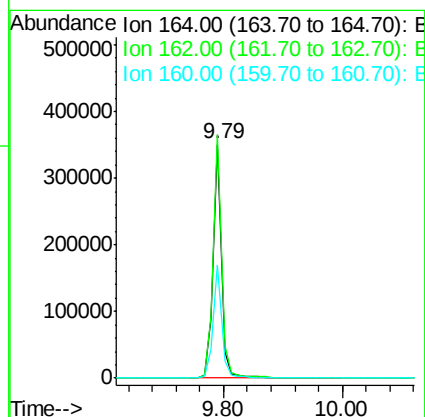
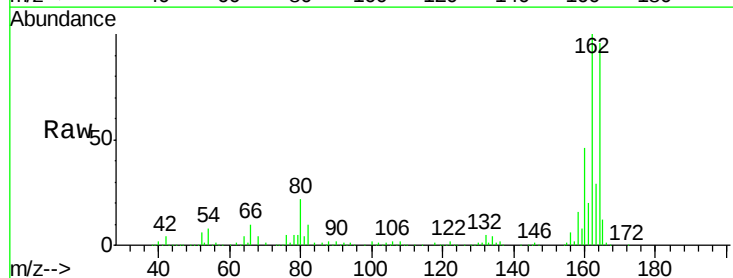
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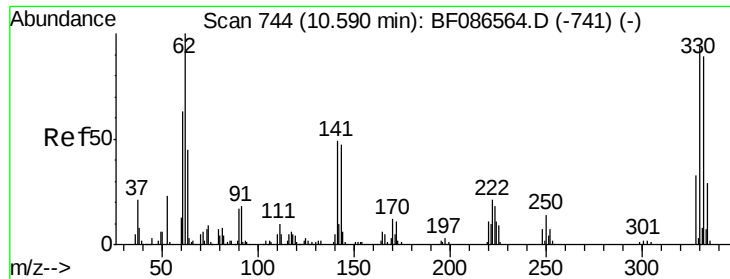
Tgt Ion:	127	Resp:	49910
Ion	Ratio	Lower	Upper
127	100		
129	81.5	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

Tgt Ion:	164	Resp:	350678
Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.8	124.2
160	48.3	36.9	55.3

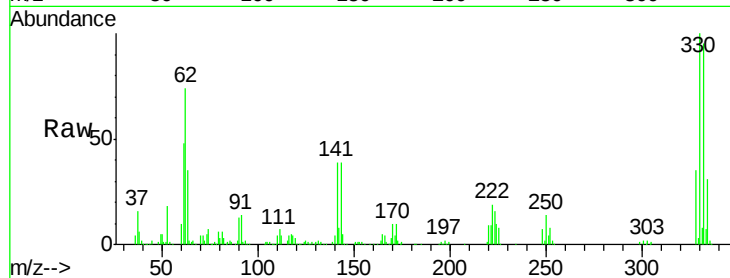




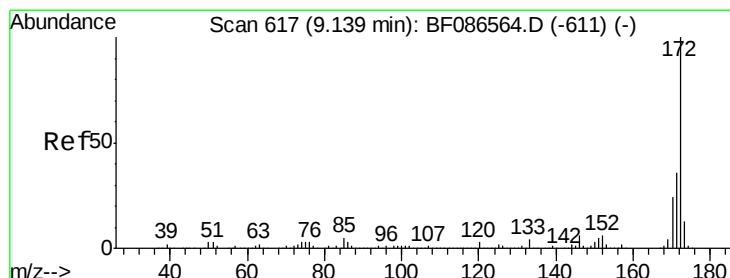
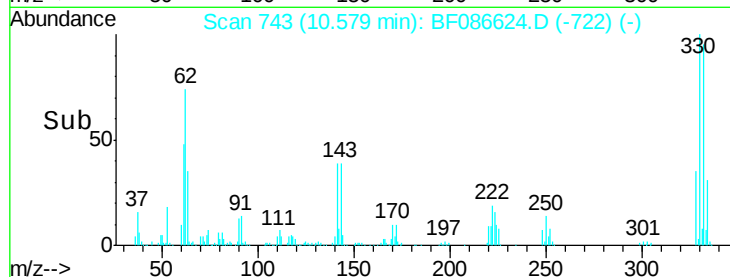
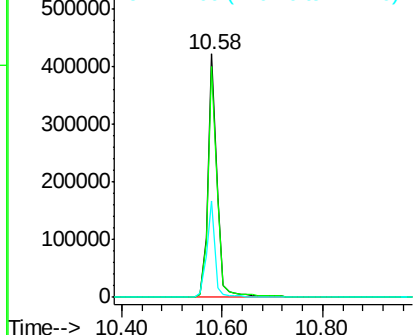
#41
 2,4,6-Tribromophenol
 Concen: 145.42 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Tgt Ion:330 Resp: 537796
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 36.7 31.2 46.8

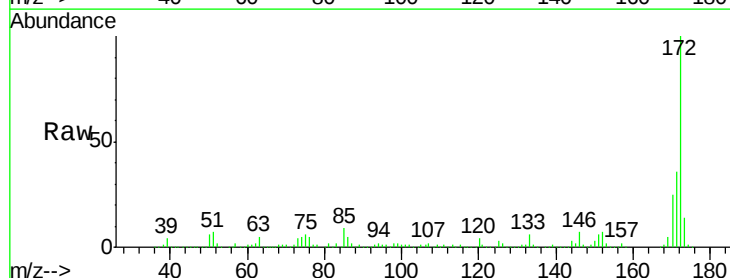


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

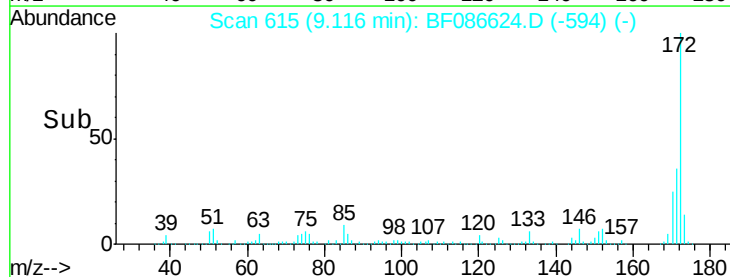
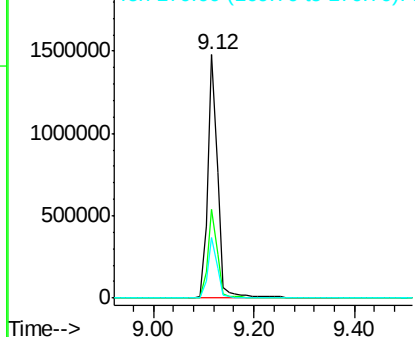


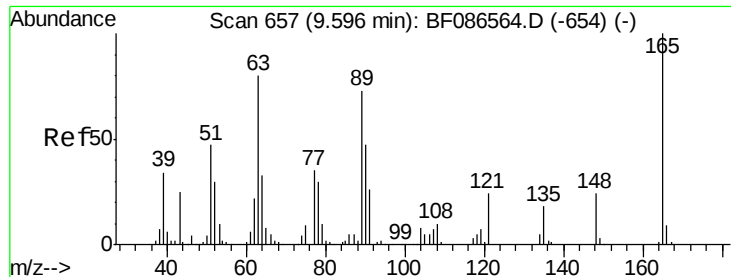
#44
 2-Fluorobiphenyl
 Concen: 106.48 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Tgt Ion:172 Resp: 2026104
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.9 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

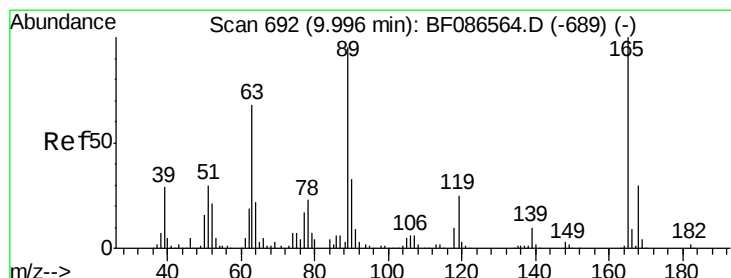
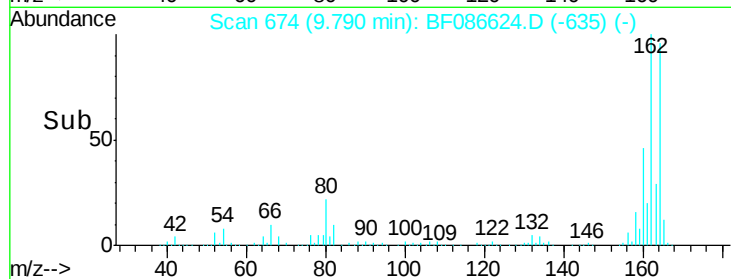
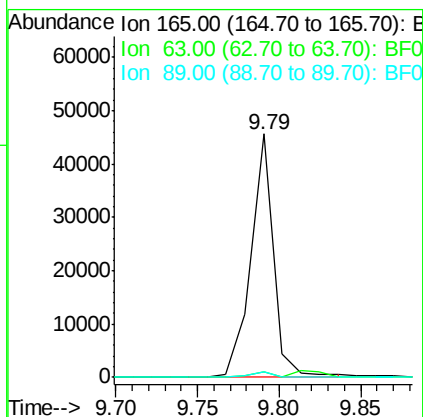
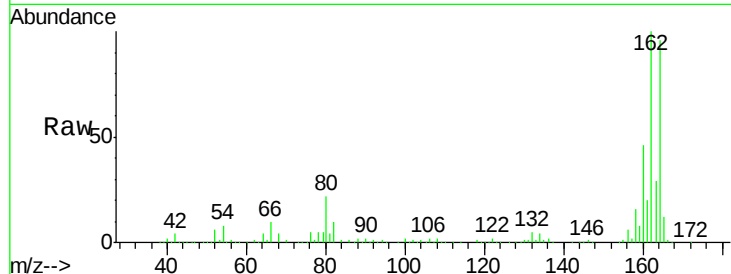




#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

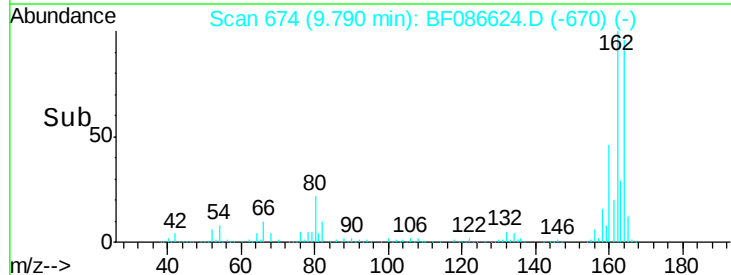
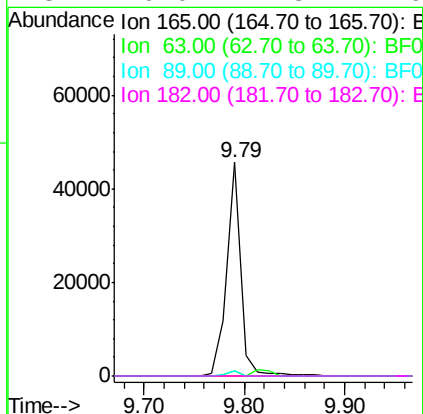
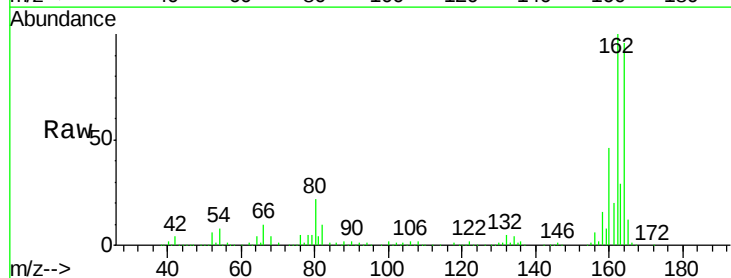
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

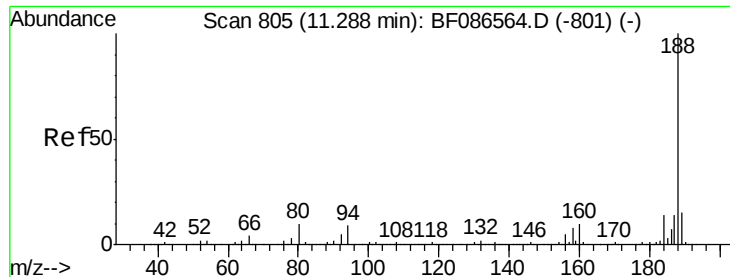
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	51.8	77.8#
89	2.5	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.3	66.5#
89	2.5	70.0	105.0#
182	0.0	1.8	2.6#

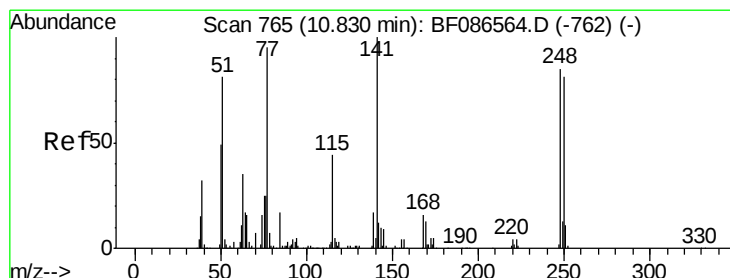
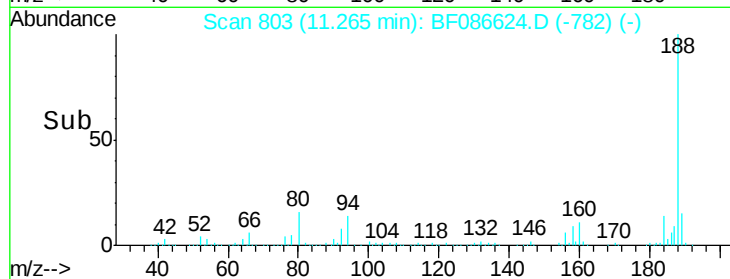
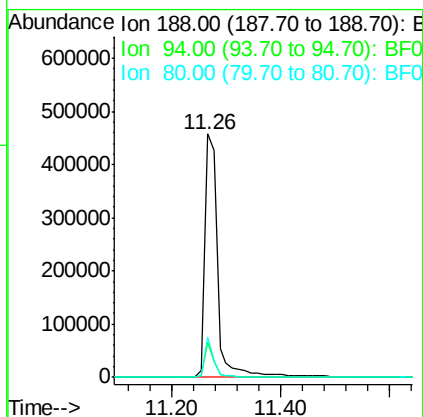
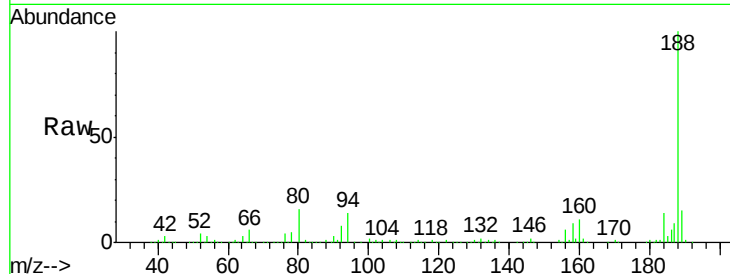




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

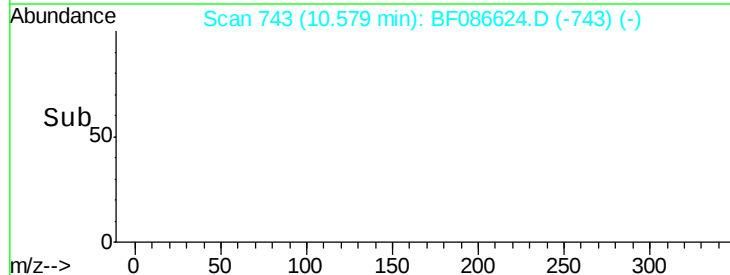
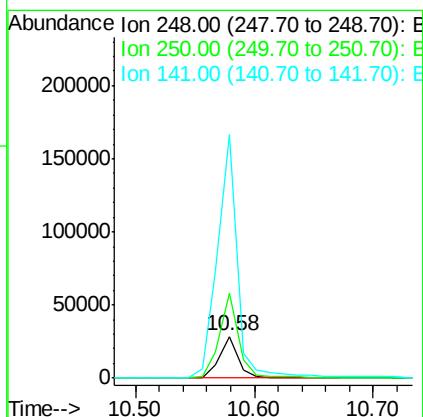
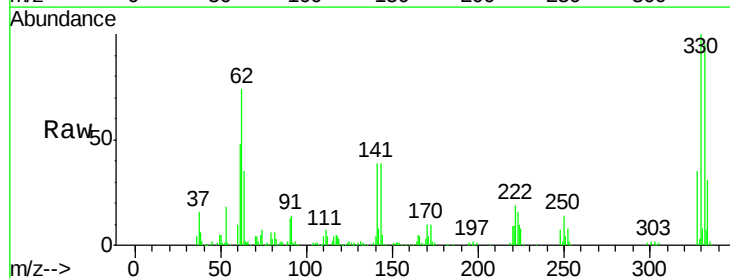
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

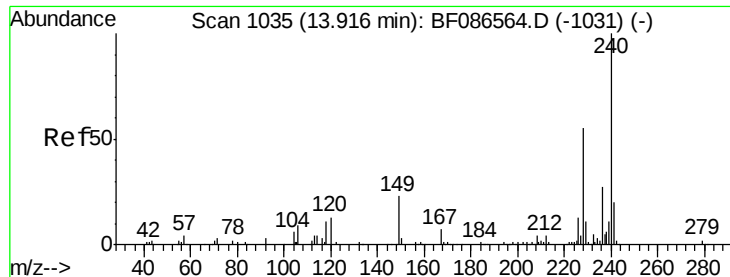
Tgt Ion:188 Resp: 745334
 Ion Ratio Lower Upper
 188 100
 94 14.5 6.8 10.2#
 80 16.5 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.10 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.30 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Tgt Ion:248 Resp: 31500
 Ion Ratio Lower Upper
 248 100
 250 204.6 78.6 117.8#
 141 583.6 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-3(12-18FTBGS)

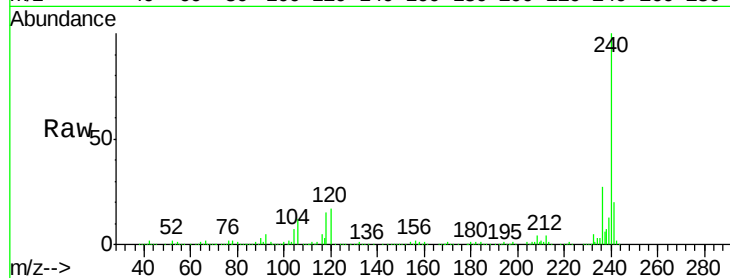
Tgt Ion:240 Resp: 588722

Ion Ratio Lower Upper

240 100

120 17.2 11.2 16.8#

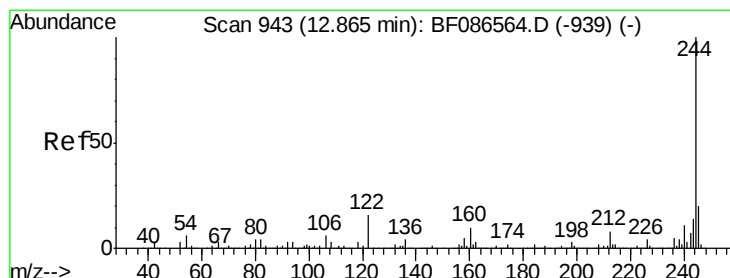
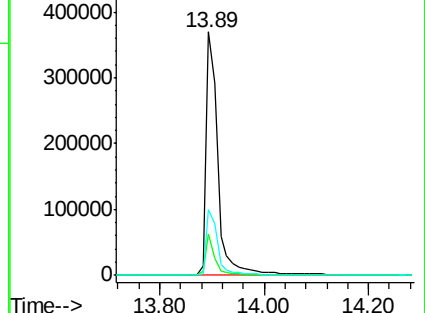
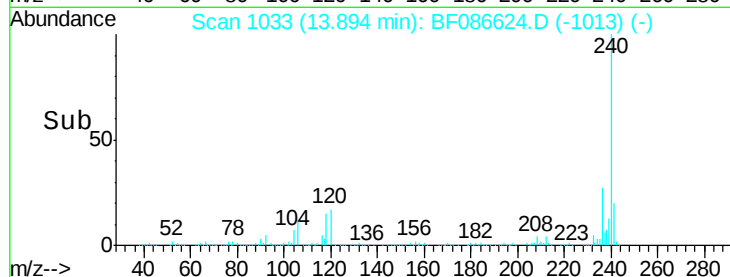
236 27.2 21.2 31.8



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: 89.93 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

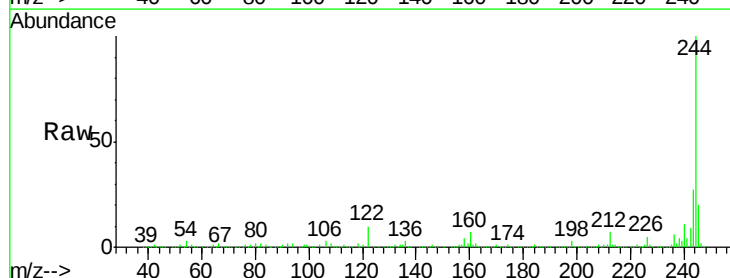
Tgt Ion:244 Resp: 2403169

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

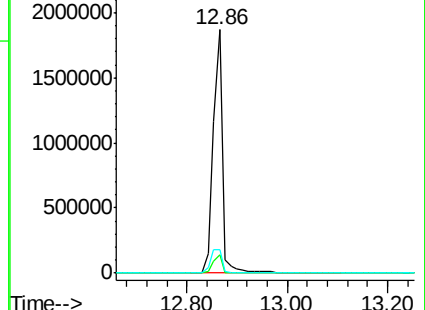
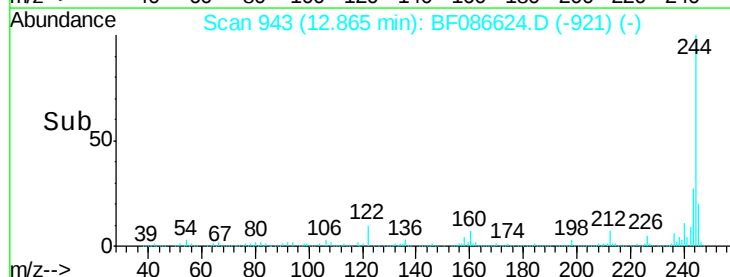
122 9.6 12.0 18.0#

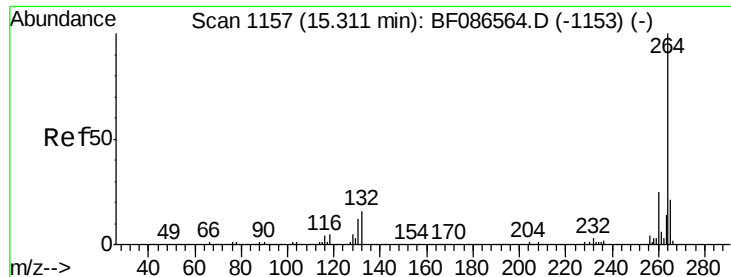


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

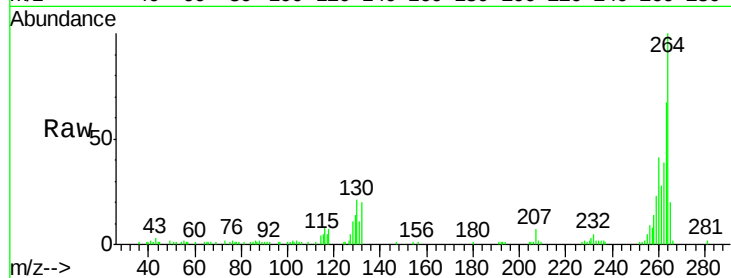




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-3(12-18FTBGS)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	40.8	19.5	29.3
265	20.4	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

