

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085309.D
 Acq On : 9 Mar 2016 20:08
 Operator : UM/SJ
 Sample : H1724-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-E

Quant Time: Mar 09 23:51:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

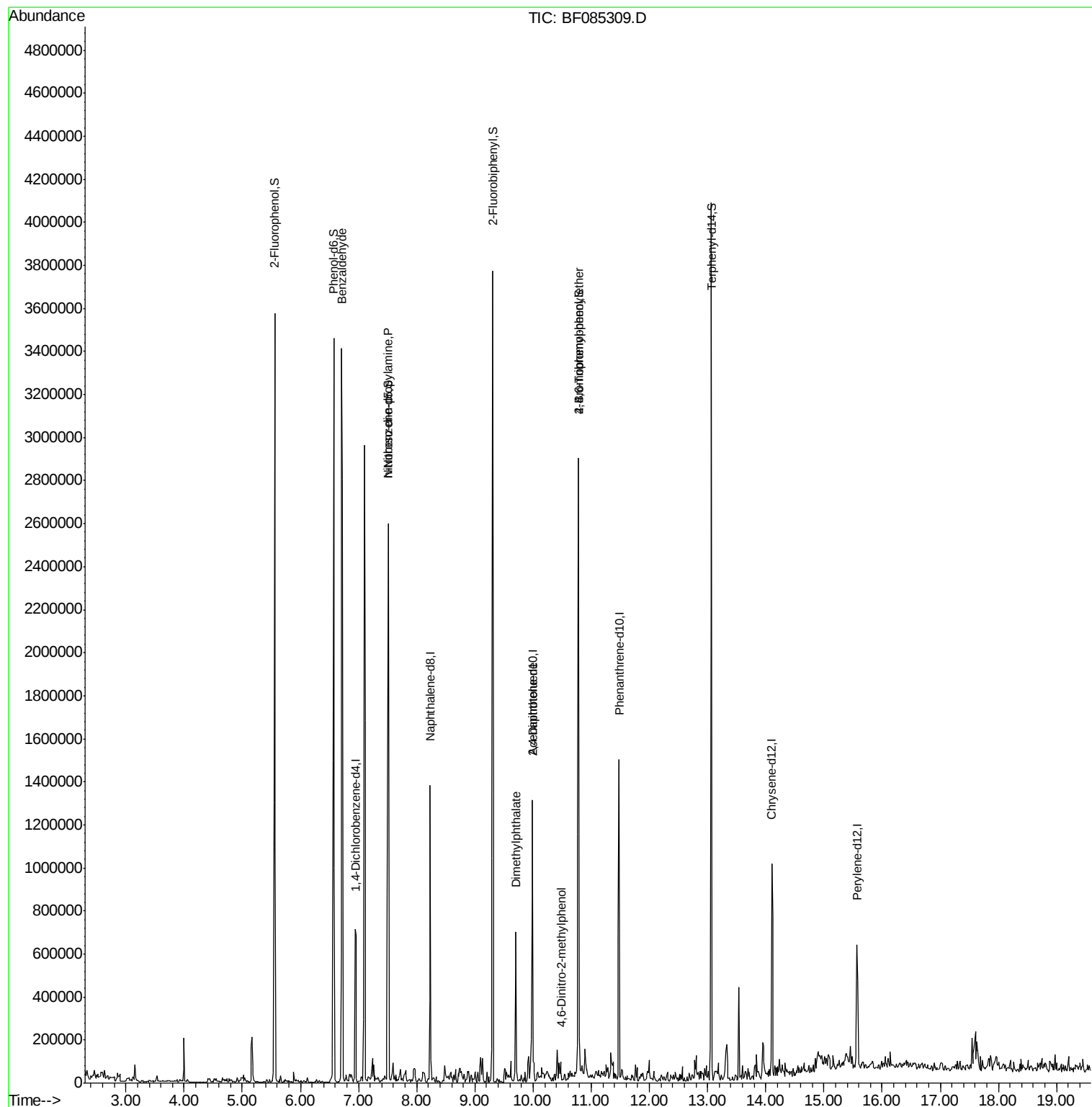
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	160128	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	621285	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	302021	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	600814	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	427905	20.00	ng	-0.05
86) Perylene-d12	15.57	264	264057	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1285064	134.61	ng	-0.02
7) Phenol-d6	6.57	99	1603285	128.19	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1016943	87.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	362477	140.26	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1454512	73.24	ng	-0.05
78) Terphenyl-d14	13.07	244	1500098	81.38	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.71	77	32172	2.59	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.51	70	137913	16.92	ng	# 76
49) Dimethylphthalate	9.70	163	404146	17.43	ng	99
56) 2,4-Dinitrotoluene	9.99	165	42014	6.62	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.48	198	8229	2.29	ng	# 42
66) 4-Bromophenyl-phenylether	10.78	248	26165	4.48	ng	# 1

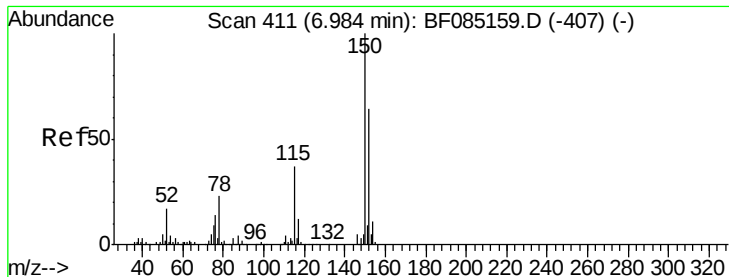
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085309.D
Acq On : 9 Mar 2016 20:08
Operator : UM/SJ
Sample : H1724-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-SW-E

Quant Time: Mar 09 23:51:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



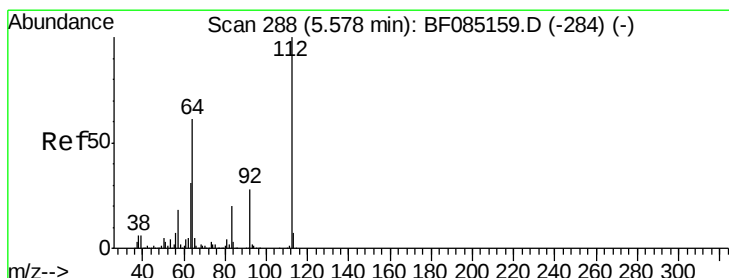
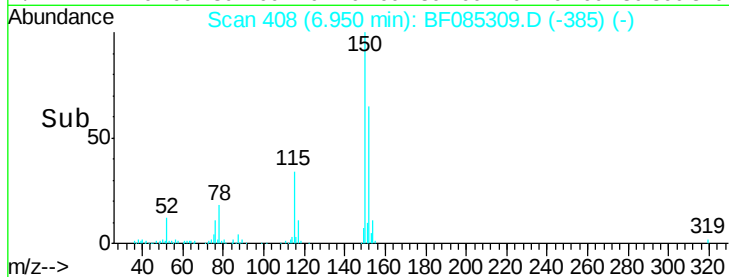
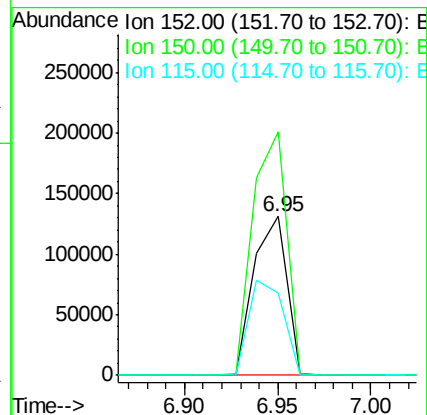
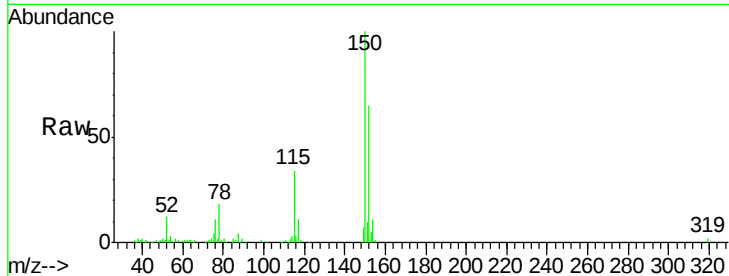


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Instrument :
BNA_F
ClientSampleId :
UST-SW-E

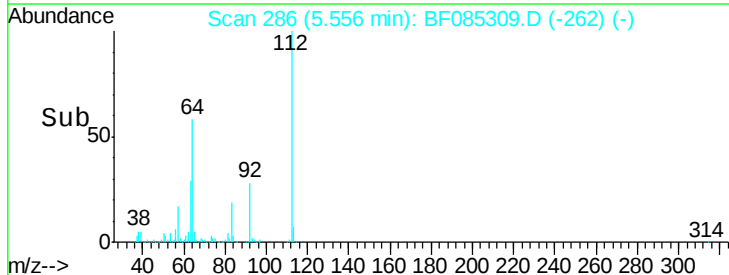
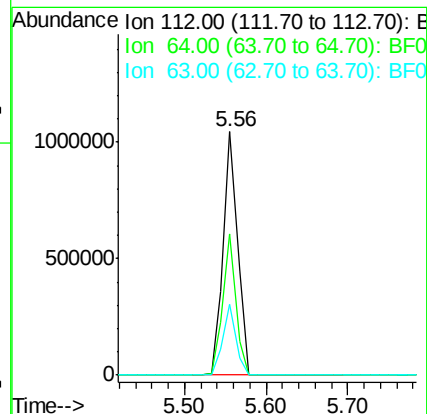
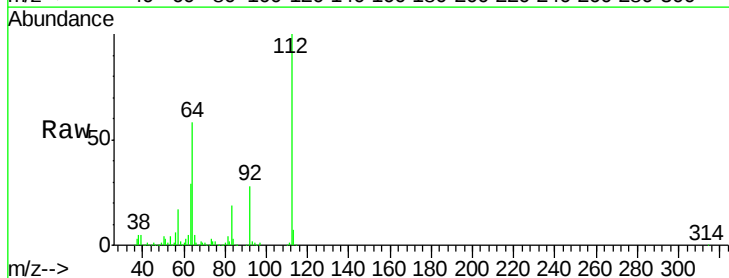
Tgt Ion:152 Resp: 160128
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 51.6 46.6 70.0

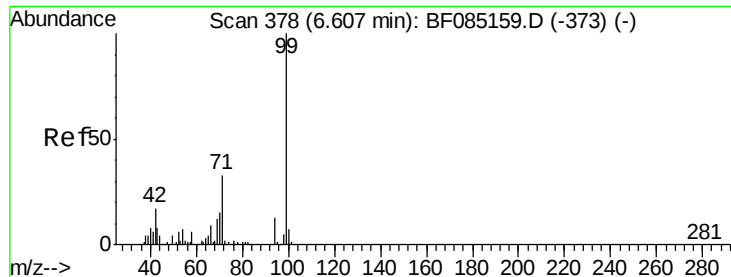


#5

2-Fluorophenol
Concen: 134.61 ng
RT: 5.56 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Tgt Ion:112 Resp: 1285064
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 29.3 24.8 37.2





#7

Phenol-d6

Concen: 128.19 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085309.D

Acq: 9 Mar 2016 20:08

Instrument :

BNA_F

ClientSampleId :

UST-SW-E

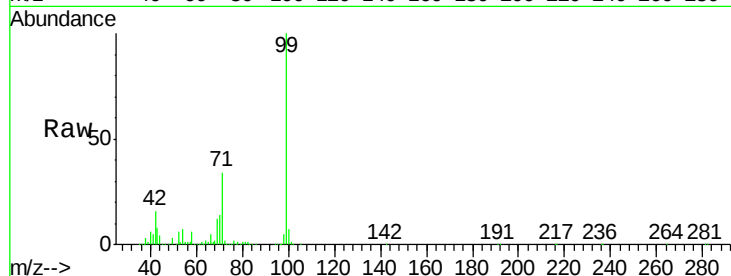
Tgt Ion: 99 Resp: 1603285

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

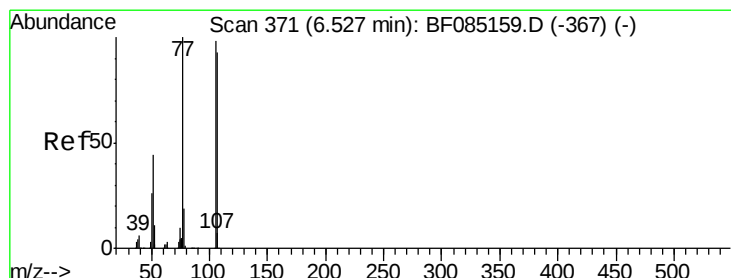
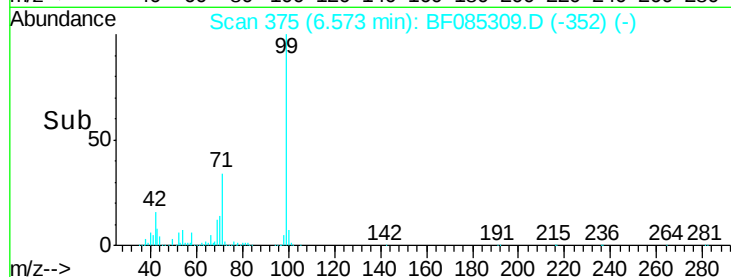
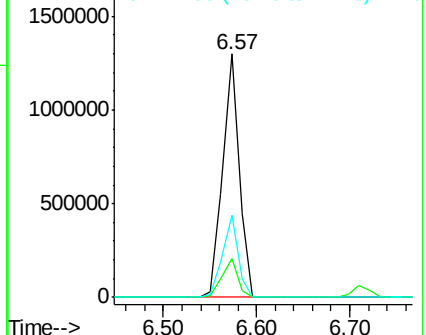
71 33.6 26.7 40.1



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



#9

Benzaldehyde

Concen: 2.59 ng

RT: 6.71 min Scan# 387

Delta R.T. 0.18 min

Lab File: BF085309.D

Acq: 9 Mar 2016 20:08

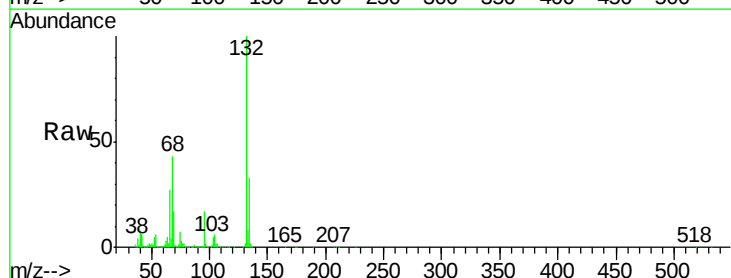
Tgt Ion: 77 Resp: 32172

Ion Ratio Lower Upper

77 100

105 79.2 78.2 118.2

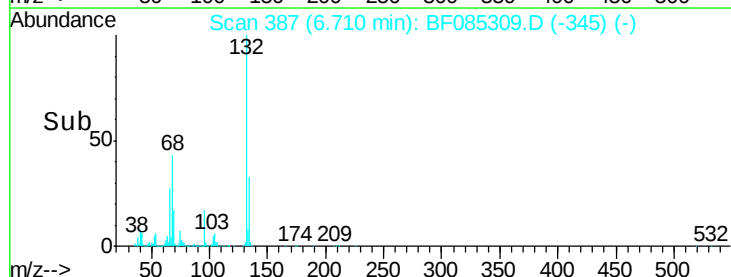
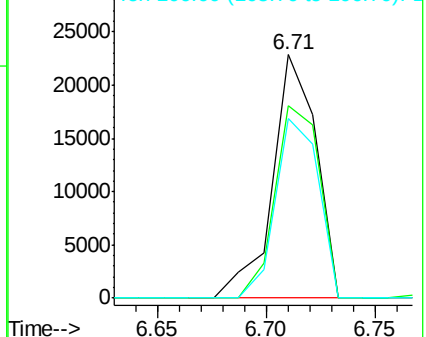
106 74.0 72.9 112.9

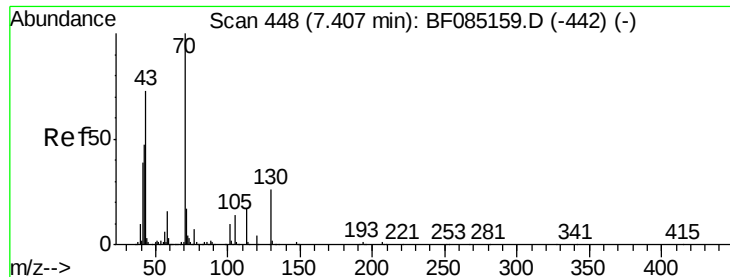


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

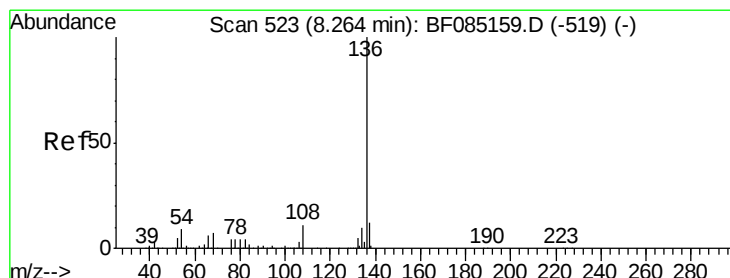
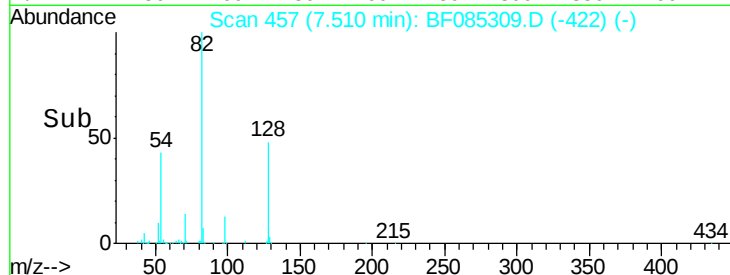
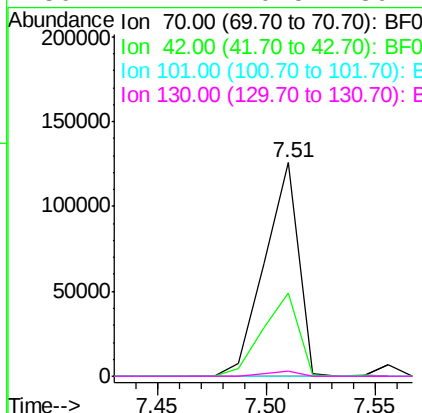
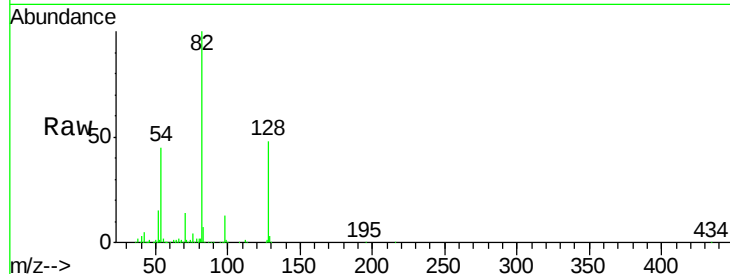




#19
n-Nitroso-di-n-propylamine
Concen: 16.92 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.10 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

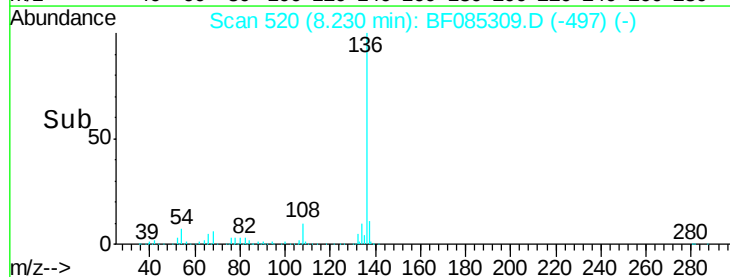
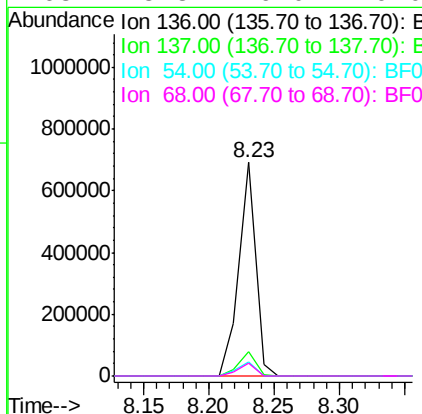
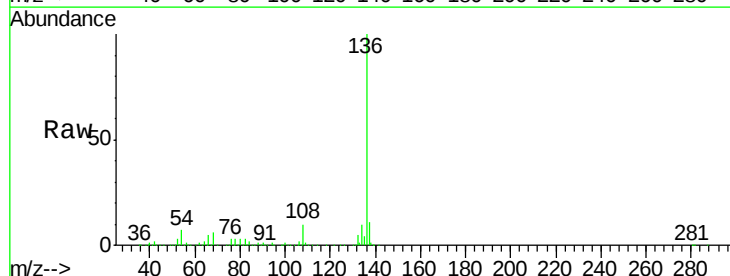
Instrument :
BNA_F
ClientSampleId :
UST-SW-E

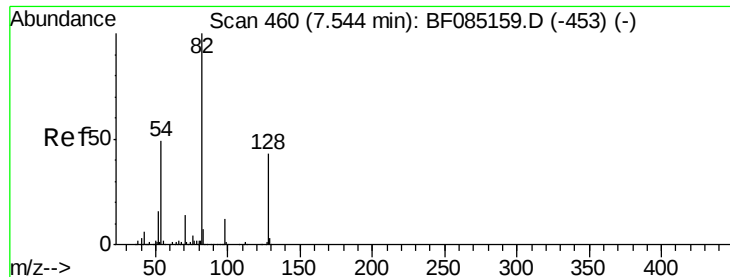
Tgt Ion: 70 Resp: 137913
Ion Ratio Lower Upper
70 100
42 39.1 37.7 56.5
101 0.0 8.2 12.4#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Tgt Ion: 136 Resp: 621285
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 6.7 7.4 11.2#
68 5.8 6.0 9.0#

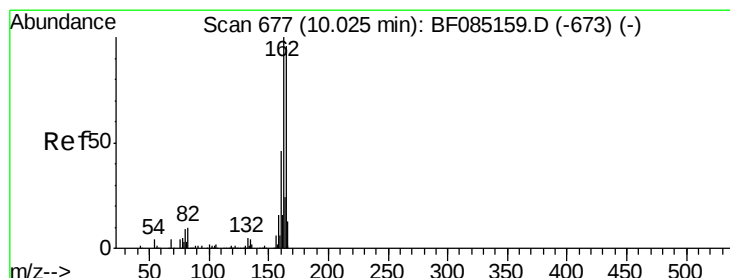
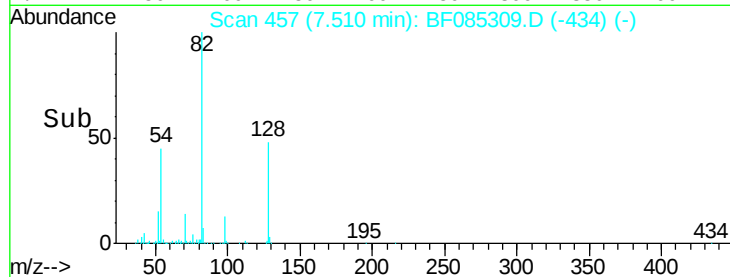
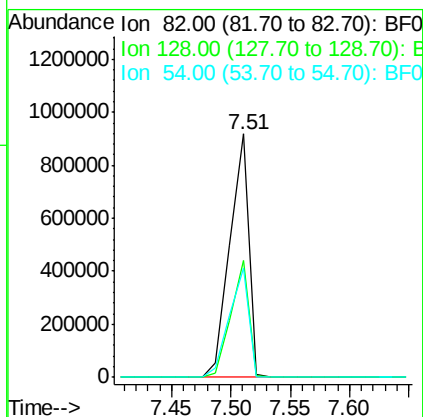
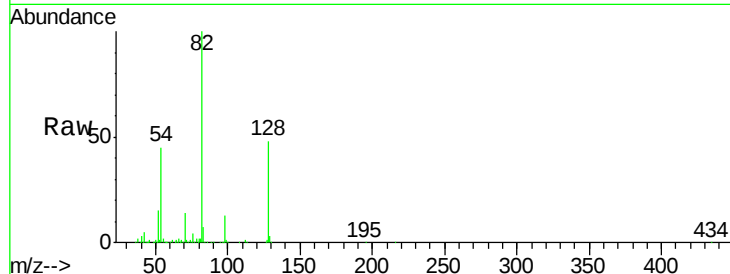




#23
 Nitrobenzene-d5
 Concen: 87.59 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

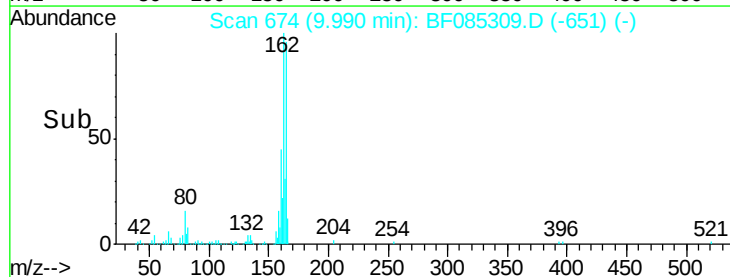
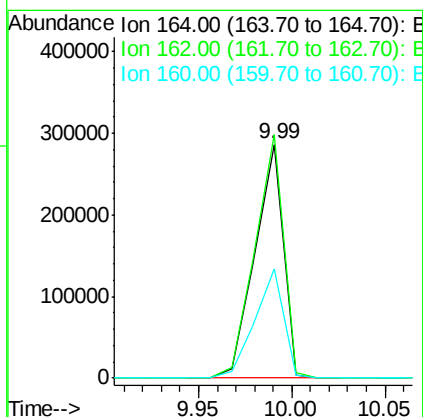
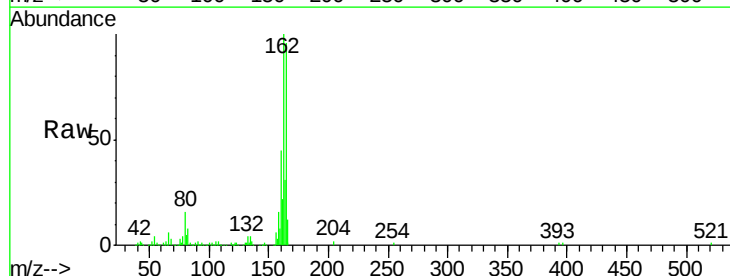
Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-E

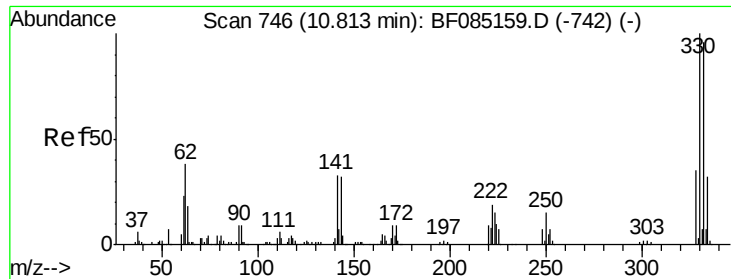
Tgt Ion: 82 Resp: 1016943
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.5 51.7
 54 44.7 39.3 58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

Tgt Ion: 164 Resp: 302021
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.3 124.9
 160 47.0 37.9 56.9

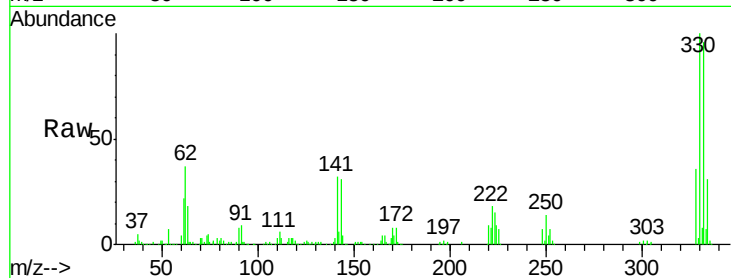




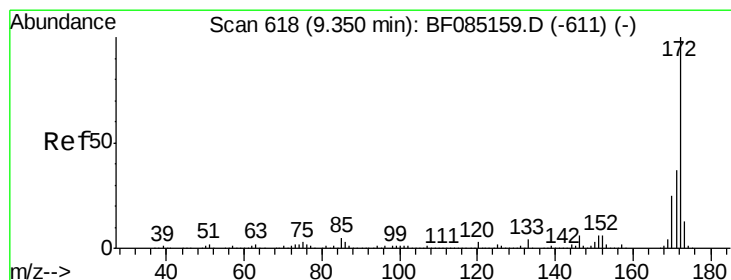
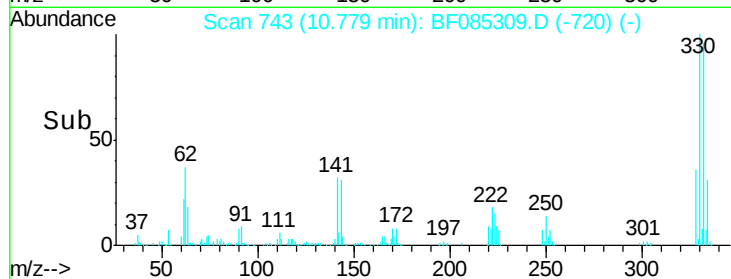
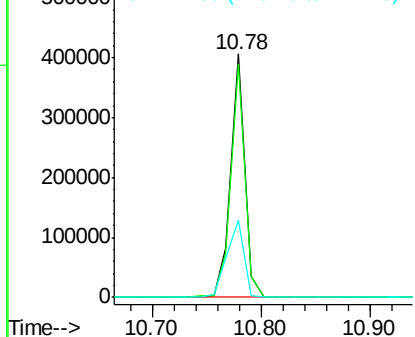
#41
 2,4,6-Tribromophenol
 Concen: 140.26 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-E

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	38.7	35.0	52.6

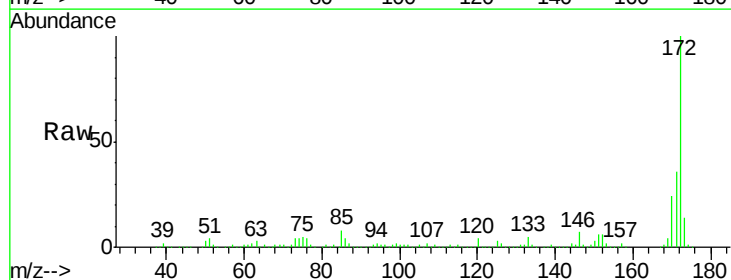


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

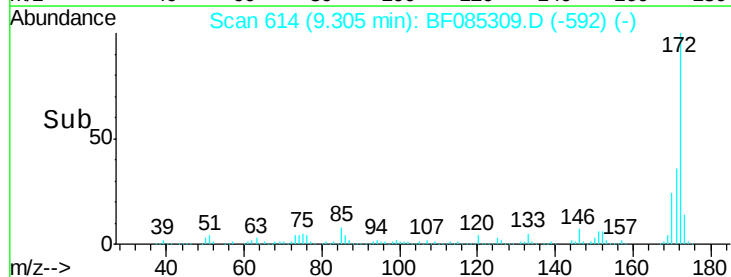
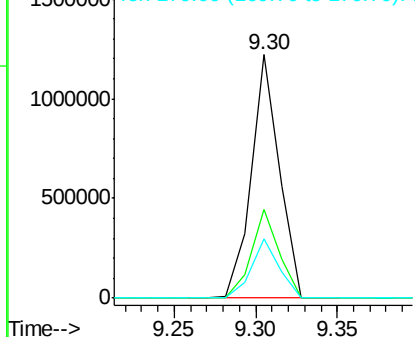


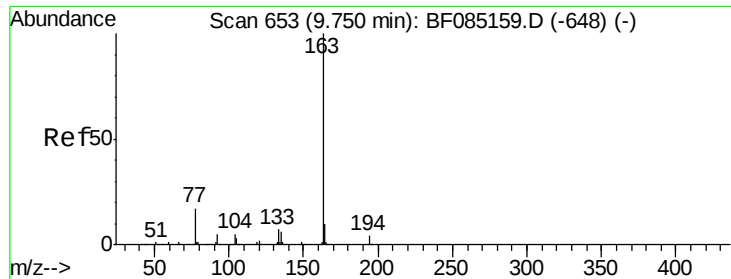
#44
 2-Fluorobiphenyl
 Concen: 73.24 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

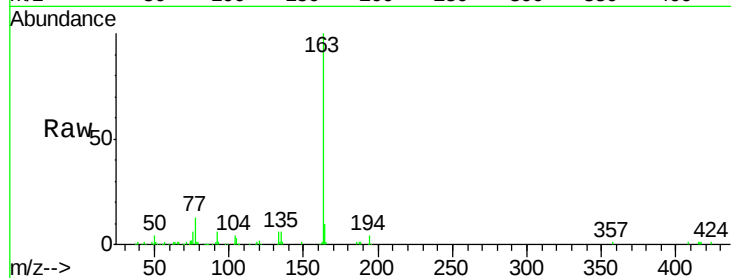




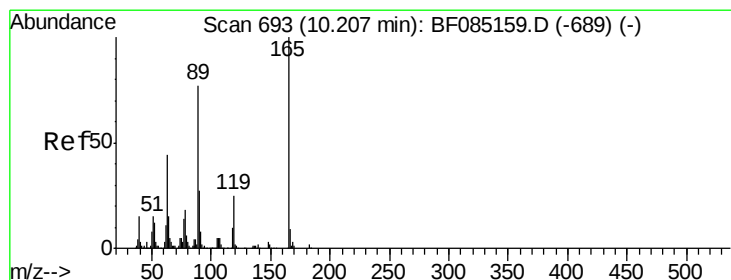
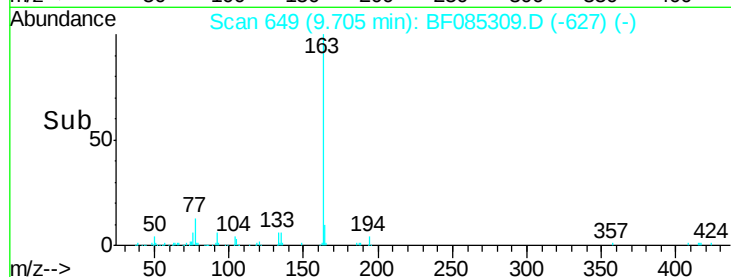
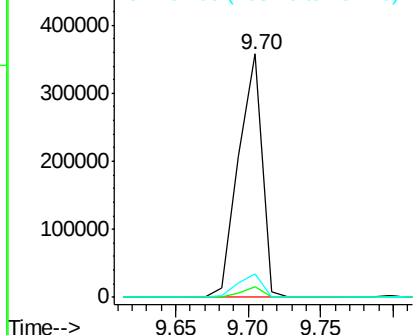
#49
Dimethylphthalate
Concen: 17.43 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Instrument :
BNA_F
ClientSampleId :
UST-SW-E

Tgt Ion:163 Resp: 404146
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.7 8.2 12.4

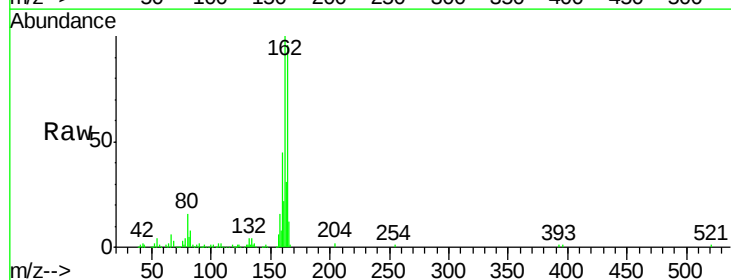


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

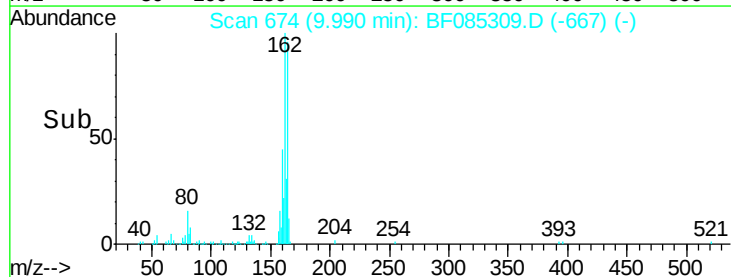
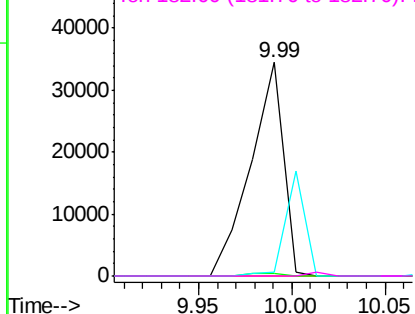


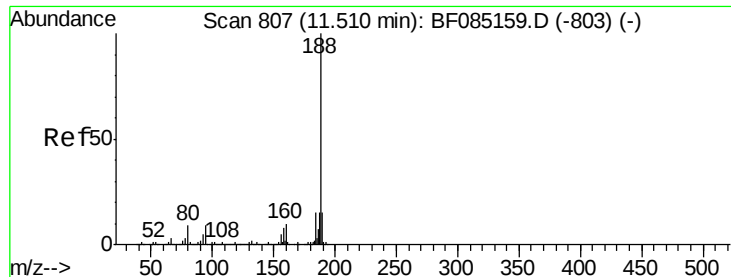
#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Tgt Ion:165 Resp: 42014
Ion Ratio Lower Upper
165 100
63 1.5 35.4 53.0#
89 1.7 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

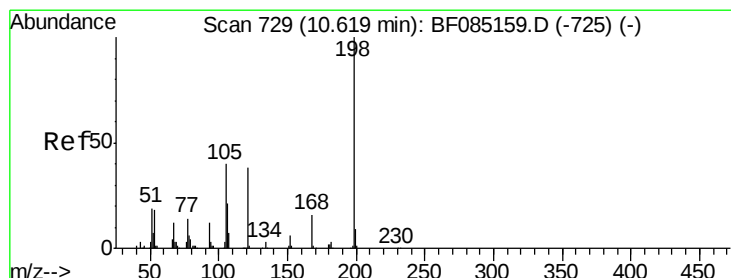
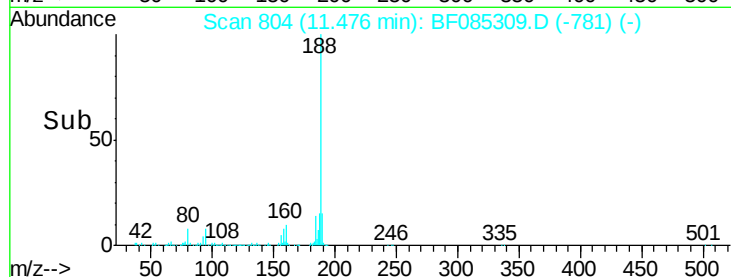
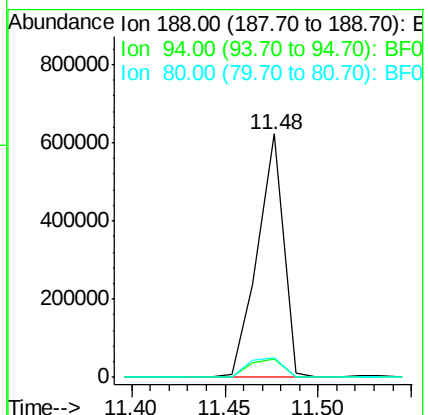
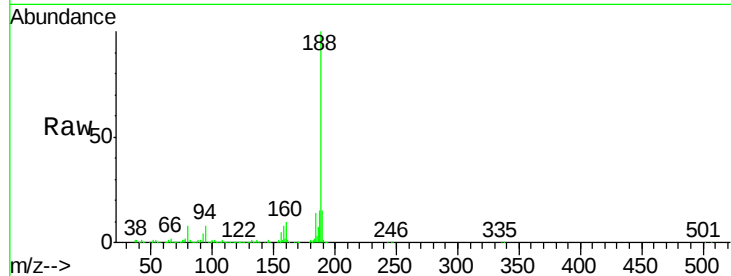




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

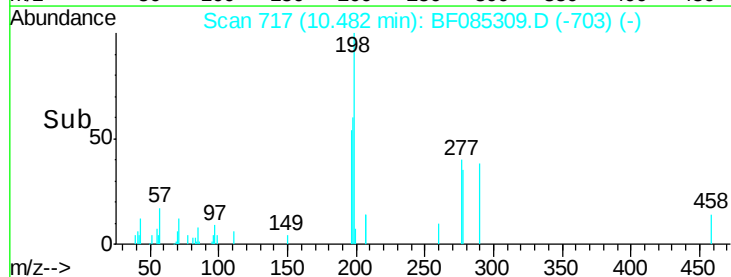
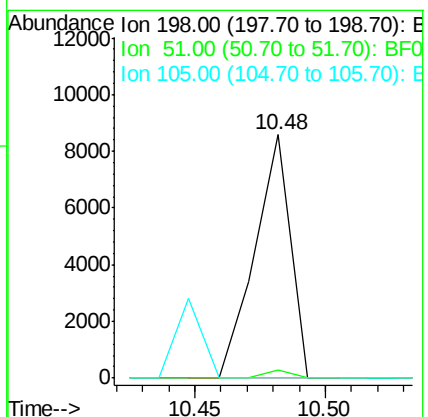
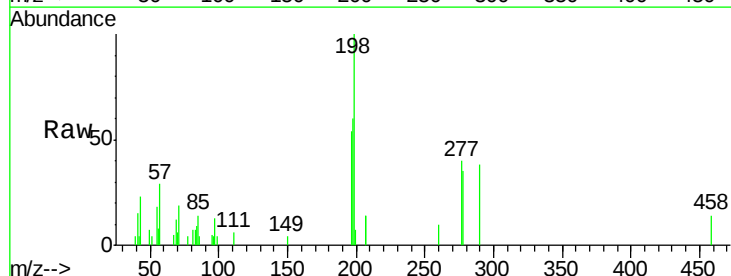
Instrument :
BNA_F
ClientSampleId :
UST-SW-E

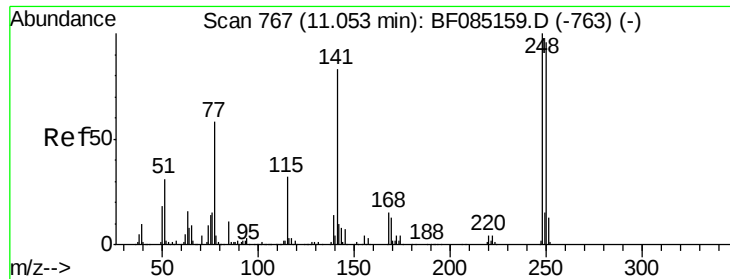
Tgt Ion:188 Resp: 600814
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 7.9 7.4 11.0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.29 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.14 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Tgt Ion:198 Resp: 8229
Ion Ratio Lower Upper
198 100
51 3.5 9.5 49.5#
105 0.0 20.5 60.5#

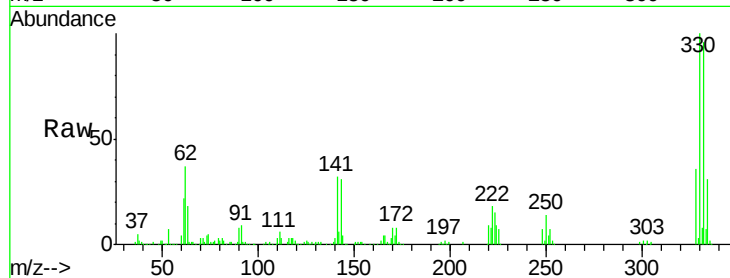




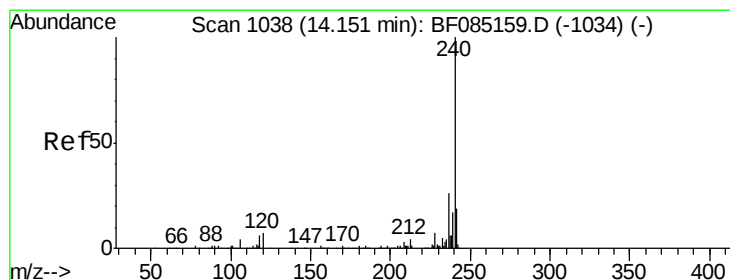
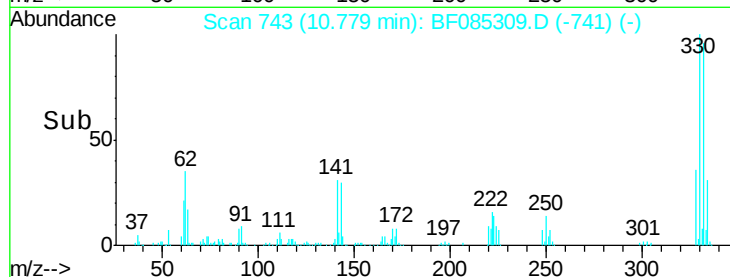
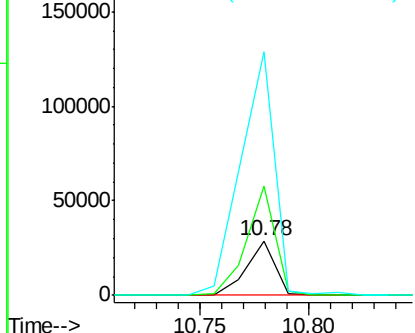
#66
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.27 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Instrument :
BNA_F
ClientSampleId :
UST-SW-E

Tgt Ion:248 Resp: 26165
Ion Ratio Lower Upper
248 100
250 201.1 77.1 115.7#
141 449.3 66.2 99.2#

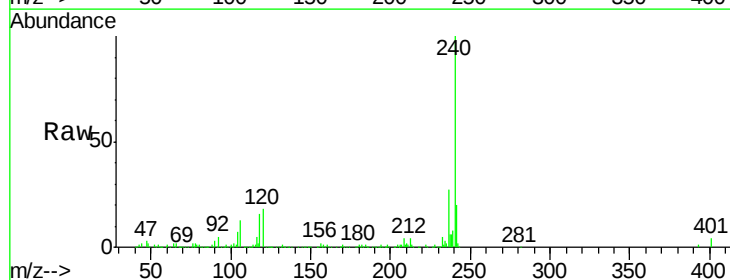


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

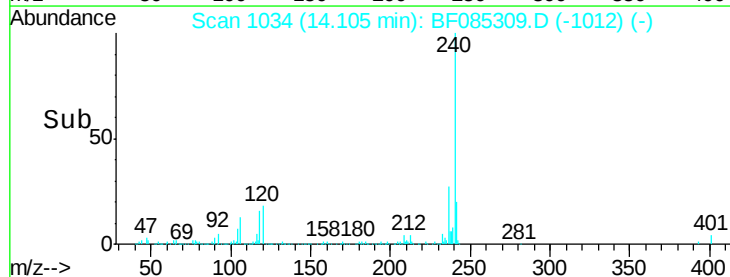
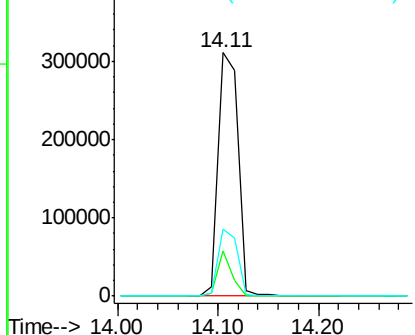


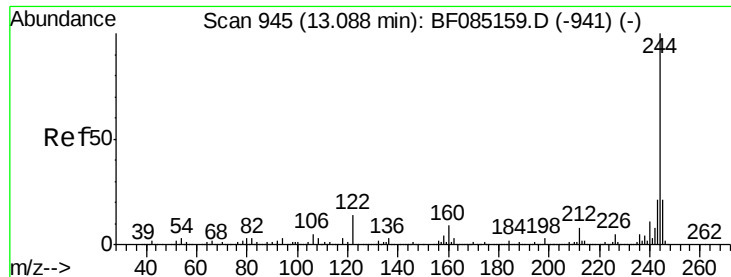
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Tgt Ion:240 Resp: 427905
Ion Ratio Lower Upper
240 100
120 18.4 5.3 7.9#
236 27.4 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

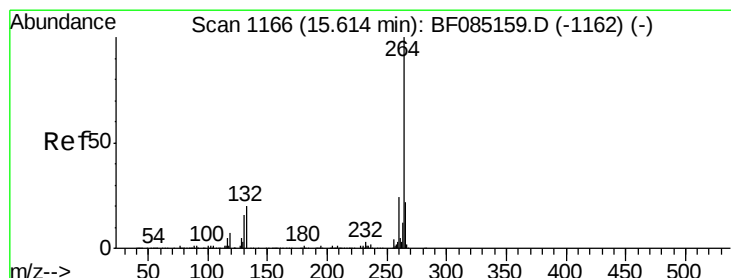
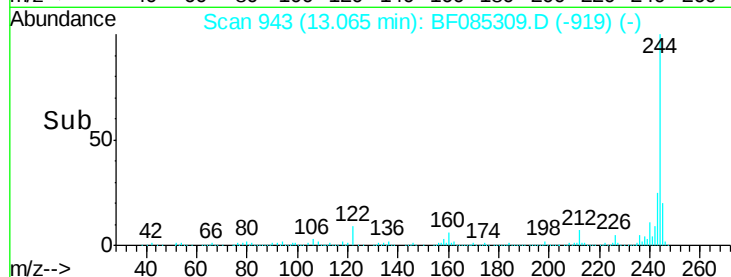
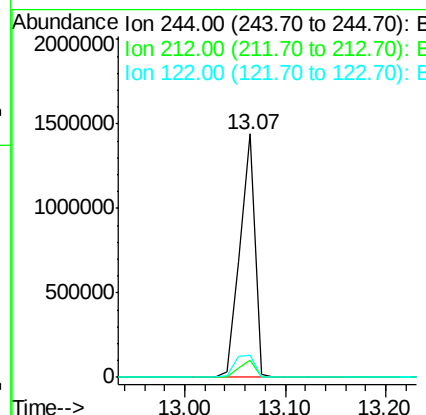
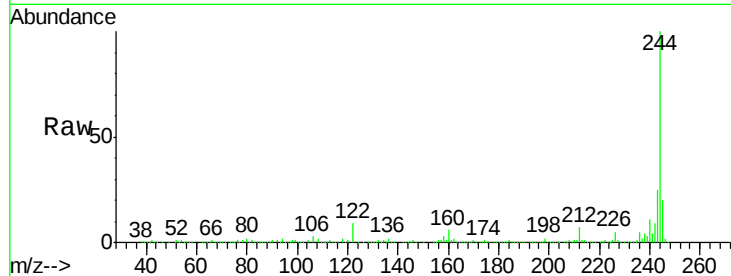




#78
 Terphenyl-d14
 Concen: 81.38 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-E

Tgt Ion:244 Resp: 1500098
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.4 9.6
 122 9.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

Tgt Ion:264 Resp: 264057
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.4 17.3 25.9

