

Data Path : Z:\HPCHEM1\BNA F\Data\BF050316\
 Data File : BF086641.D
 Acq On : 3 May 2016 13:27
 Operator : UM/SJ
 Sample : H2654-17RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-4(0-6FTBGS)RE

Quant Time: May 03 13:56:29 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

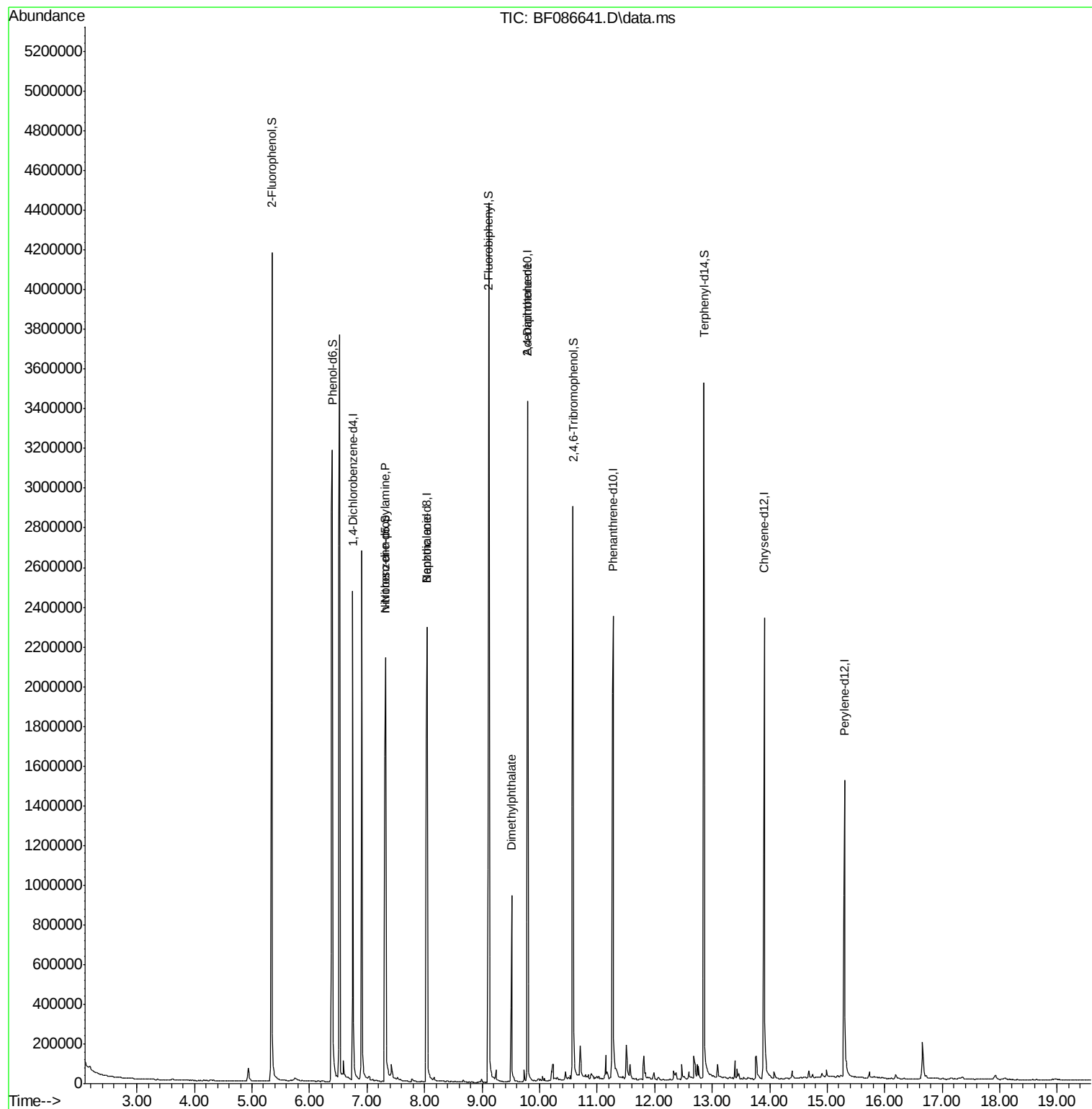
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.750	152	341743	20.00	ng	-0.06
21) Naphthalene-d8	8.042	136	1423250	20.00	ng	-0.06
38) Acenaphthene-d10	9.790	164	674281	20.00	ng	-0.06
63) Phenanthrene-d10	11.276	188	1289494	20.00	ng	-0.05
75) Chrysene-d12	13.905	240	983715	20.00	ng	-0.06
86) Perylene-d12	15.300	264	761456	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	1121527	56.61	ng	-0.04
7) Phenol-d6	6.396	99	1623258	58.70	ng	-0.05
23) Nitrobenzene-d5	7.322	82	994597	37.67	ng	-0.06
41) 2,4,6-Tribromophenol	10.579	330	376185	52.90	ng	-0.06
44) 2-Fluorobiphenyl	9.116	172	1426307	29.78	ng	-0.06
78) Terphenyl-d14	12.854	244	1277596	28.61	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	132805	7.27	ng	Qvalue # 81
32) Benzoic acid	8.042	122	225	8.79	ng	# 1
49) Dimethylphthalate	9.516	163	429063	8.45	ng	99
56) 2,4-Dinitrotoluene	9.790	165	86614	6.48	ng	# 16

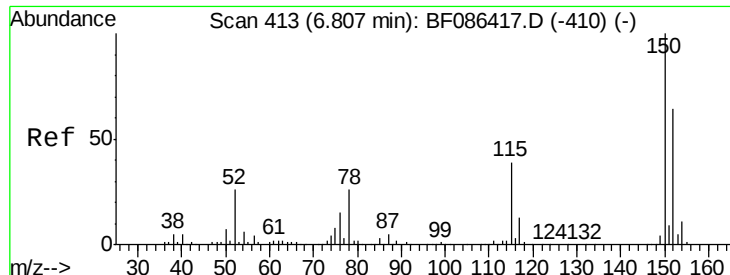
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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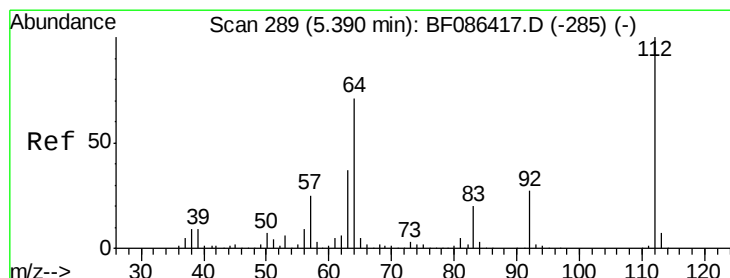
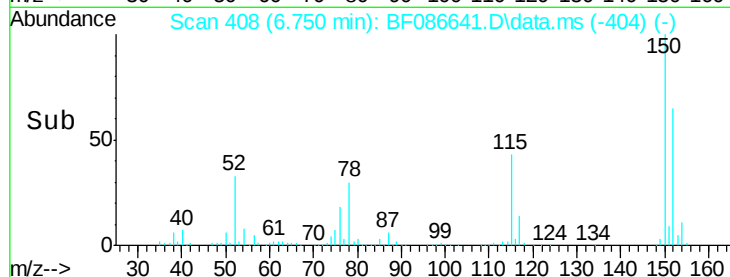
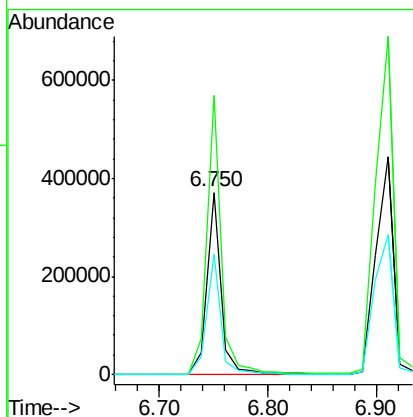
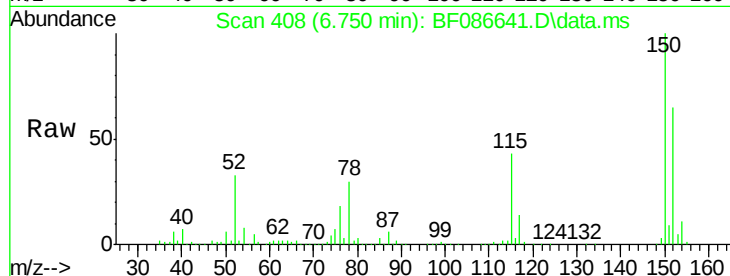




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.750 min Scan# 40
 Delta R.T. -0.057 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

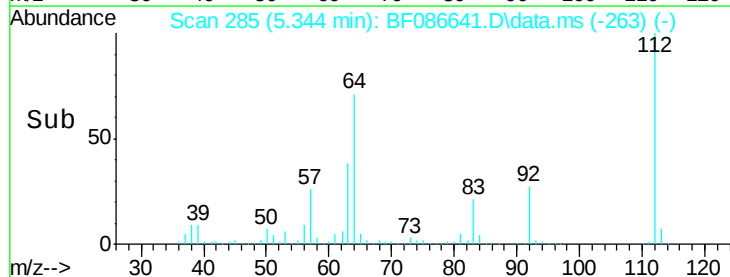
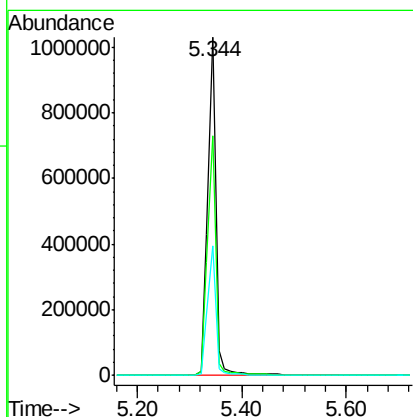
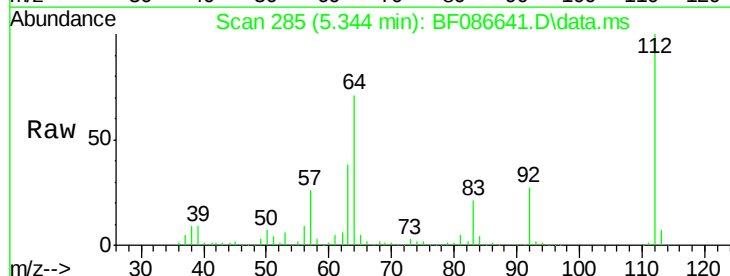
Instrument :
 BNA_F
 ClientSampleId :
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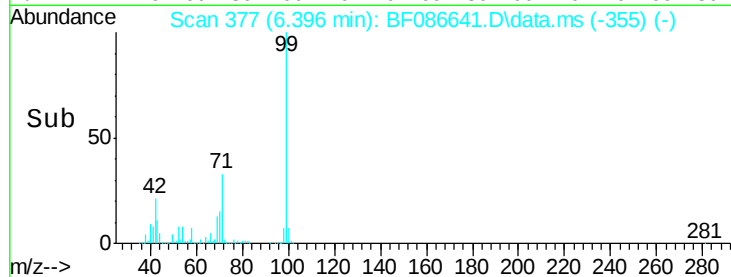
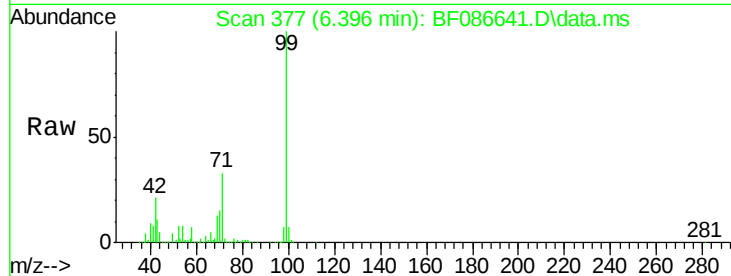
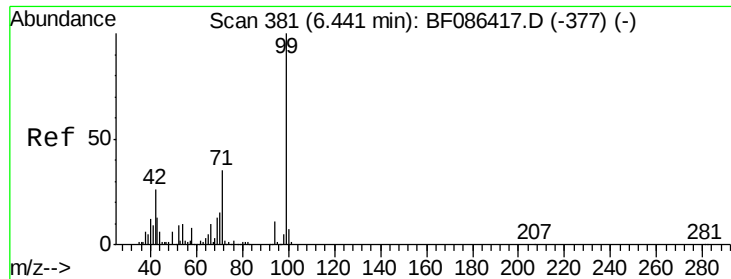
Tot Ion:152 Resp: 341743
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.8 188.6
 115 66.3 51.5 77.3



#5
 2-Fluorophenol
 Concen: 56.61 ng
 RT: 5.344 min Scan# 285
 Delta R.T. -0.045 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

Tgt Ion:112 Resp: 1121527
 Ion Ratio Lower Upper
 112 100
 64 70.7 52.1 78.1
 63 38.2 25.7 38.5





#7

Phenol-d6

Concen: 58.70 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.046 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

Instrument :

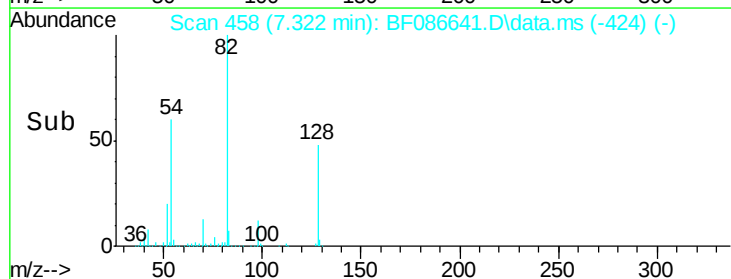
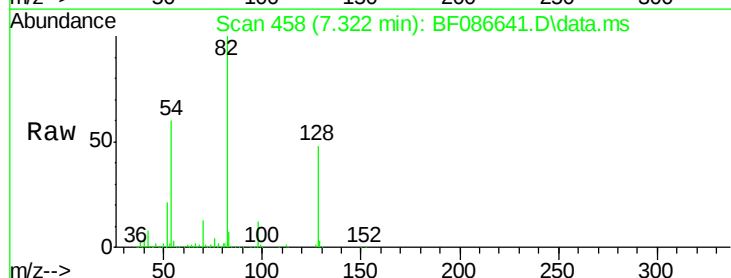
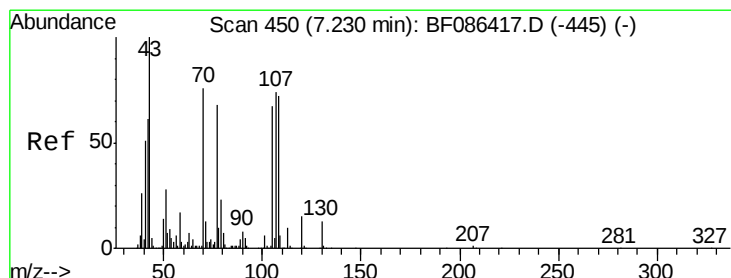
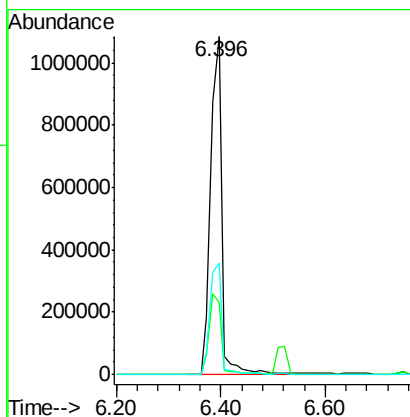
BNA_F

ClientSampleId :

26WARD-2A-CS-4(0-6FTBGS)RE

Tot Ion: 99 Resp: 1623258

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.6	20.4#
71	33.1	24.6	36.8



#19

n-Nitroso-di-n-propylamine

Concen: 7.27 ng

RT: 7.322 min Scan# 458

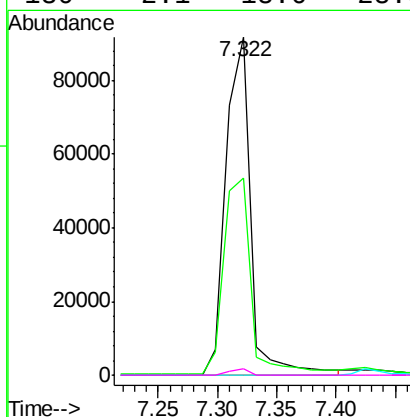
Delta R.T. 0.092 min

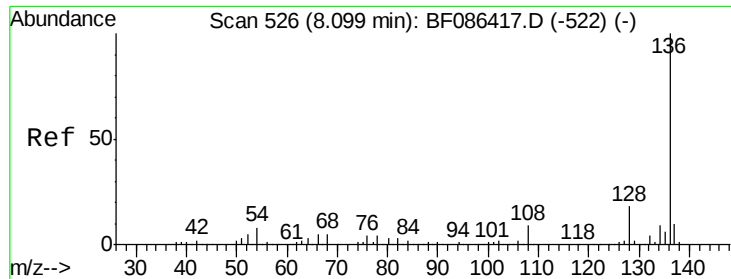
Lab File: BF086641.D

Acq: 3 May 2016 13:27

Tgt Ion: 70 Resp: 132805

Ion	Ratio	Lower	Upper
70	100		
42	58.5	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

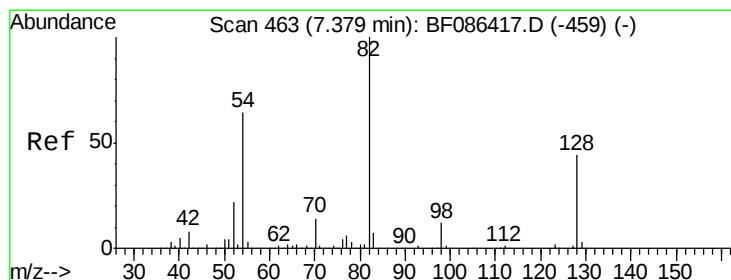
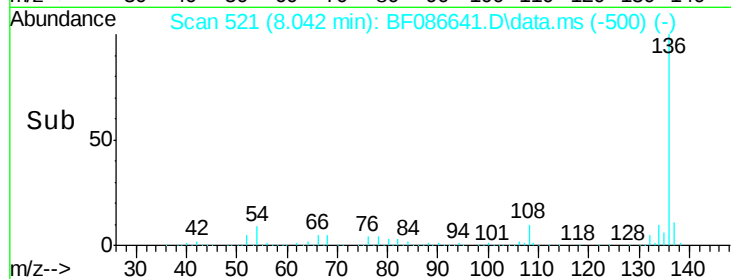
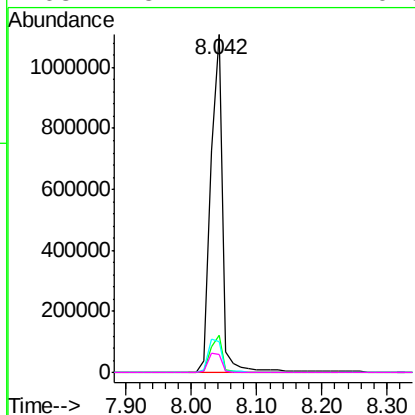
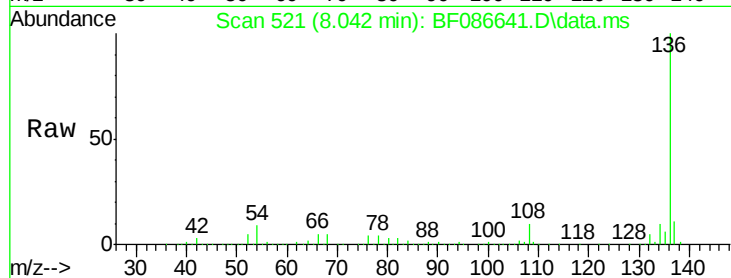




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.042 min Scan# 521
Delta R.T. -0.057 min
Lab File: BF086641.D
Acq: 3 May 2016 13:27

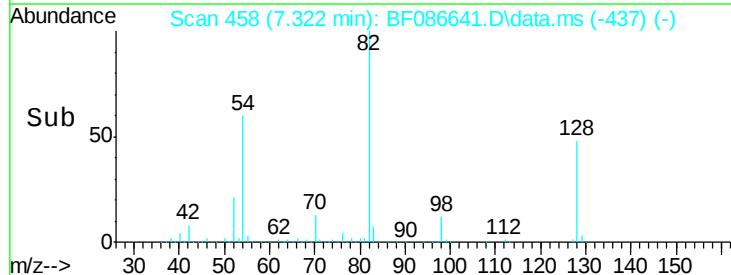
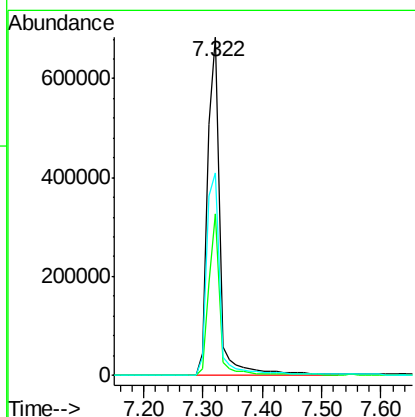
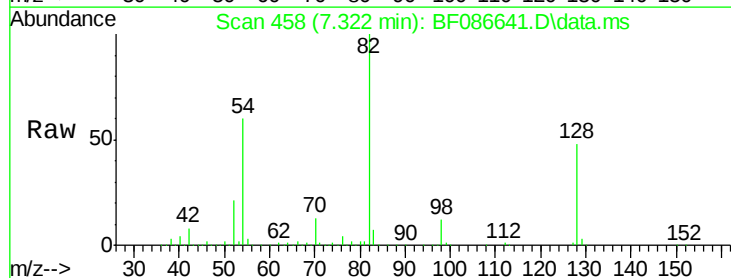
Instrument :
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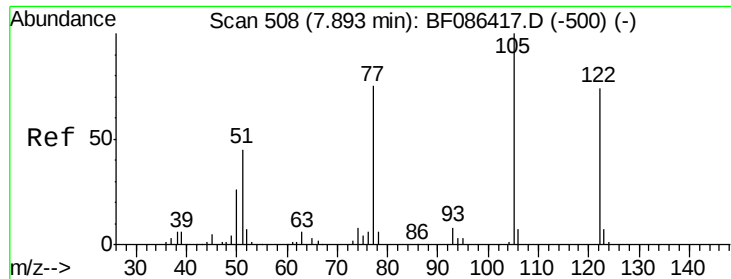
Tot Ion:136 Resp: 1423250
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 5.0 7.4#
68 5.4 4.4 6.6



#23
Nitrobenzene-d5
Concen: 37.67 ng
RT: 7.322 min Scan# 458
Delta R.T. -0.057 min
Lab File: BF086641.D
Acq: 3 May 2016 13:27

Tgt Ion: 82 Resp: 994597
Ion Ratio Lower Upper
82 100
128 47.6 40.6 61.0
54 59.9 38.1 57.1#





#32

Benzoic acid

Concen: 8.79 ng

RT: 8.042 min Scan# 52

Delta R.T. 0.150 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-4(0-6FTBGS)RE

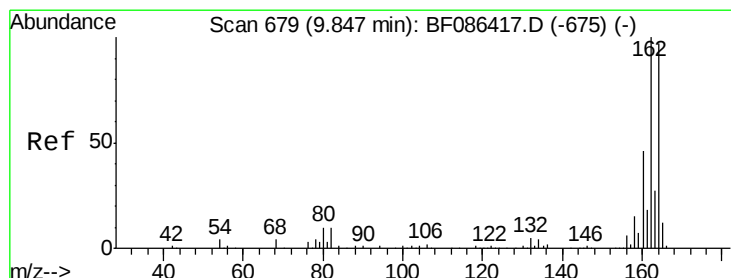
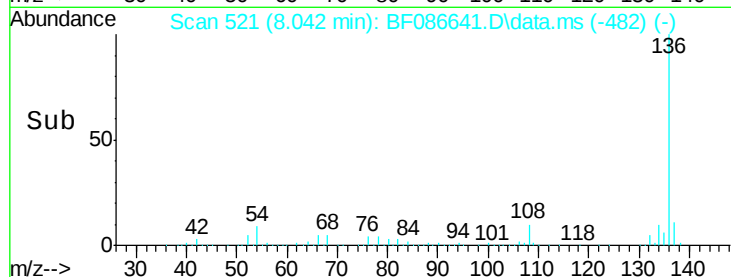
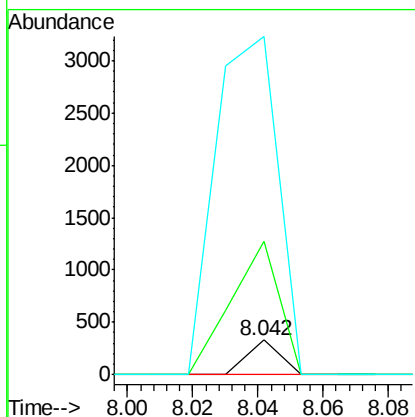
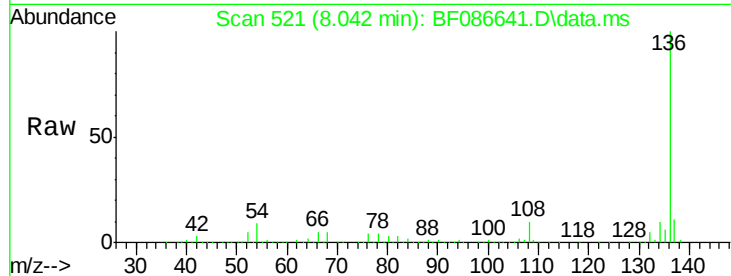
Tot Ion:122 Resp: 225

Ion Ratio Lower Upper

122 100

105 390.2 92.6 132.6#

77 985.4 60.0 100.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.790 min Scan# 674

Delta R.T. -0.057 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

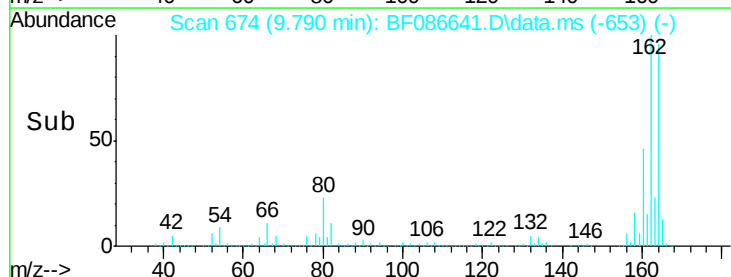
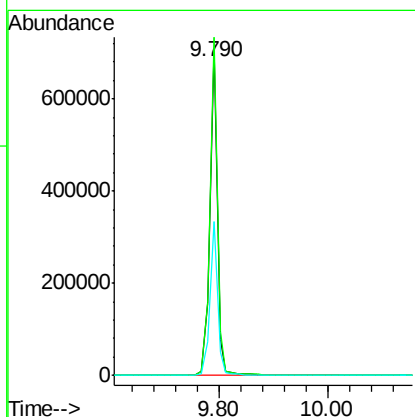
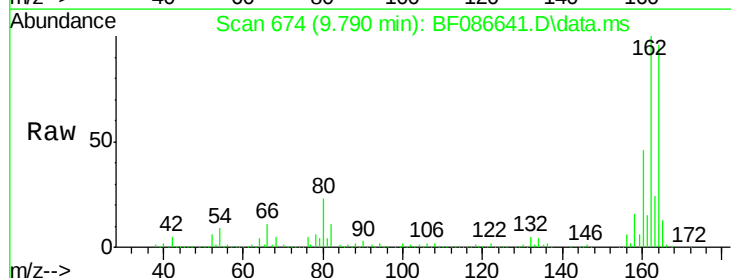
Tgt Ion:164 Resp: 674281

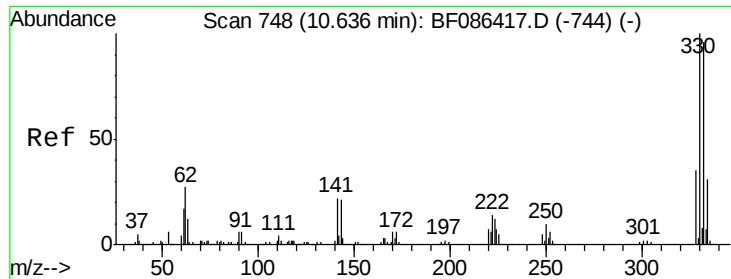
Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

160 47.3 36.9 55.3

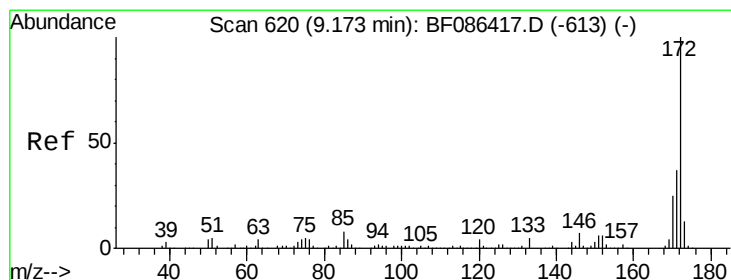
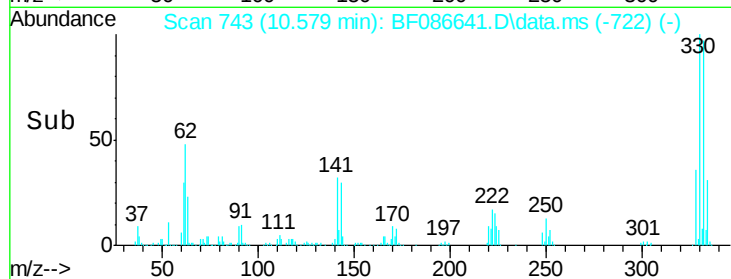
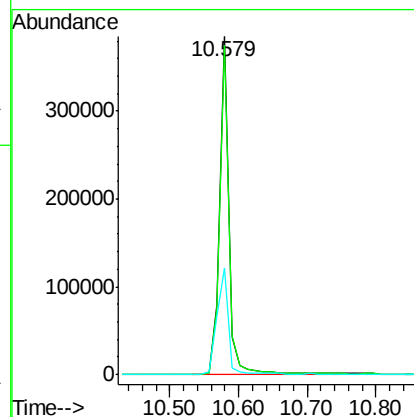
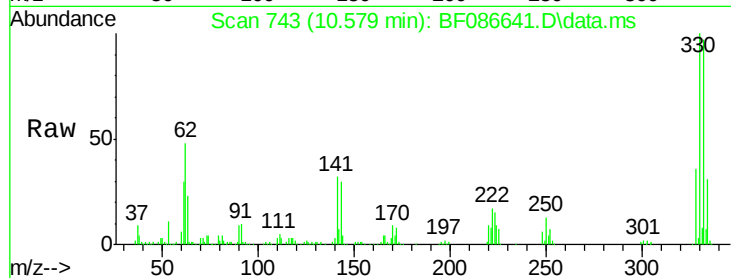




#41
 2,4,6-Tribromophenol
 Concen: 52.90 ng
 RT: 10.579 min Scan# 74
 Delta R.T. -0.057 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

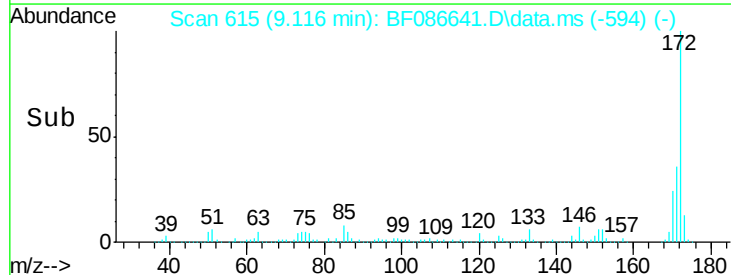
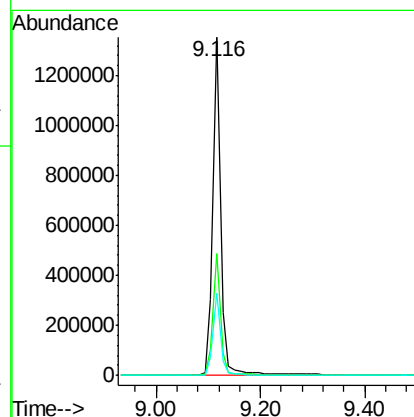
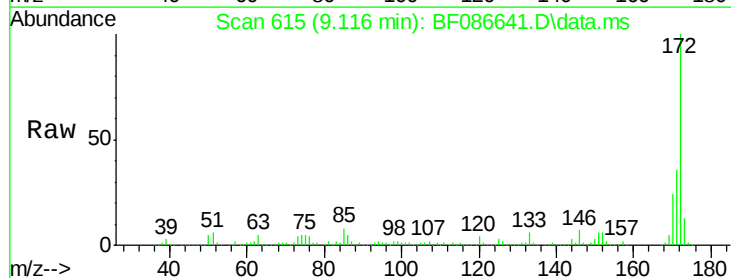
Instrument :
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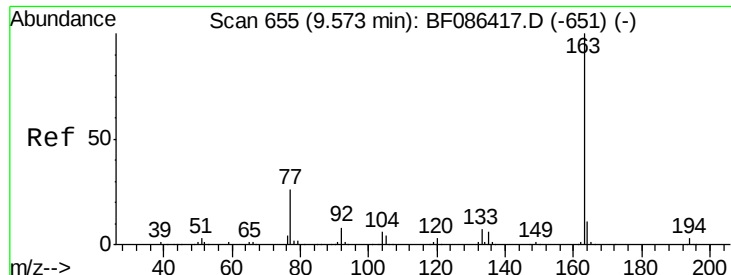
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	38.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 29.78 ng
 RT: 9.116 min Scan# 615
 Delta R.T. -0.057 min
 Lab File: BF086641.D
 Acq: 3 May 2016 13:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.8	29.8

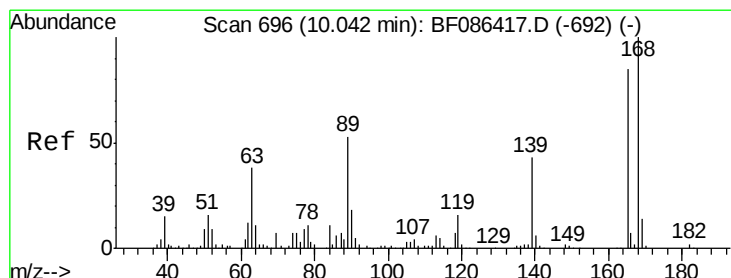
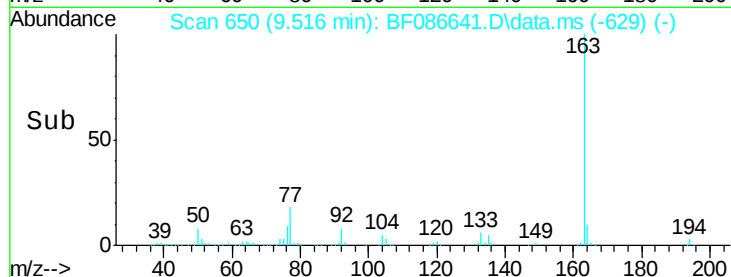
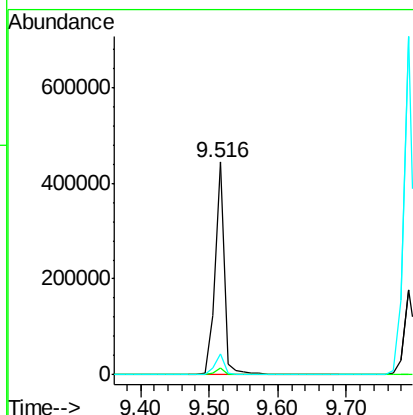
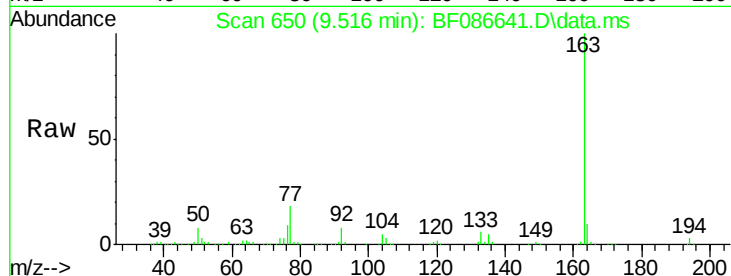




#49
Dimethylphthalate
Concen: 8.45 ng
RT: 9.516 min Scan# 65
Delta R.T. -0.057 min
Lab File: BF086641.D
Acq: 3 May 2016 13:27

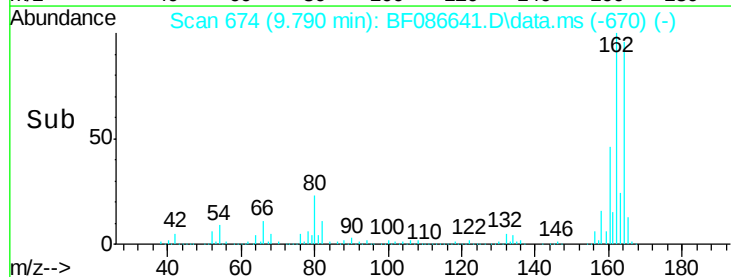
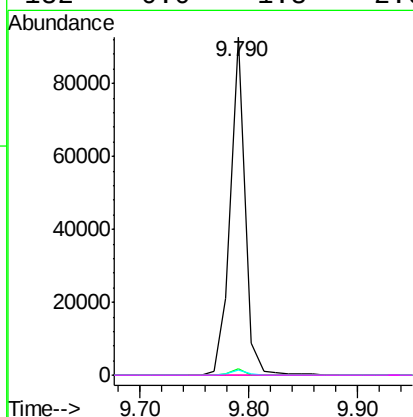
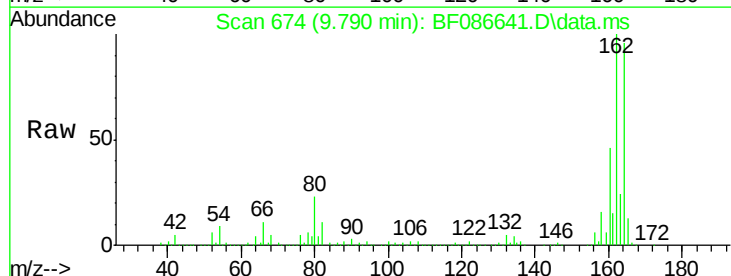
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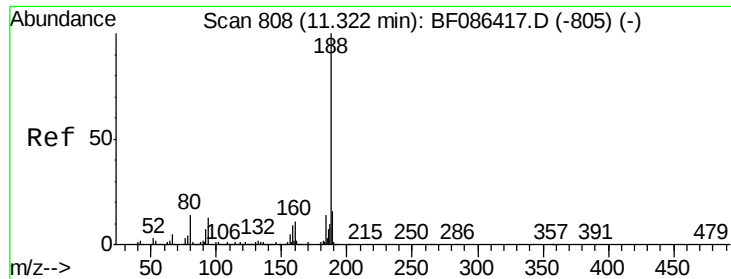
Tot Ion:163 Resp: 429063
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.7 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.790 min Scan# 674
Delta R.T. -0.251 min
Lab File: BF086641.D
Acq: 3 May 2016 13:27

Tgt Ion:165 Resp: 86614
Ion Ratio Lower Upper
165 100
63 1.8 44.3 66.5#
89 1.6 70.0 105.0#
182 0.0 1.8 2.6#

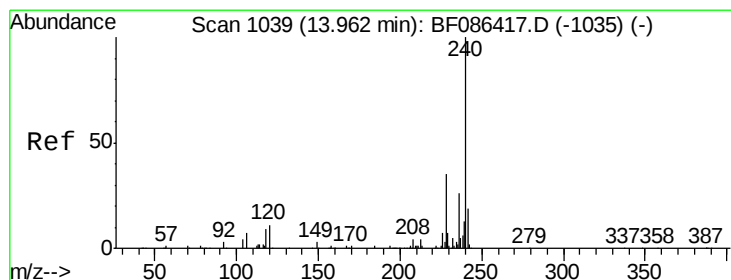
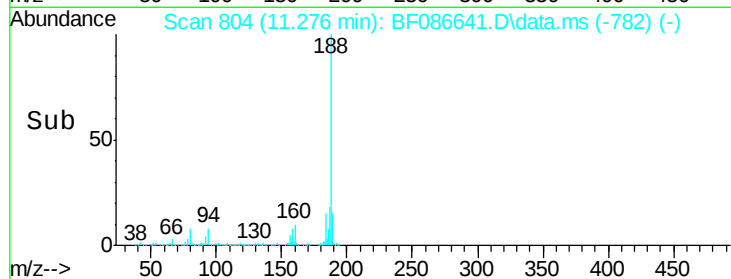
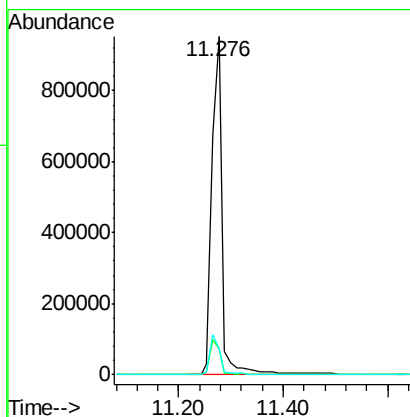
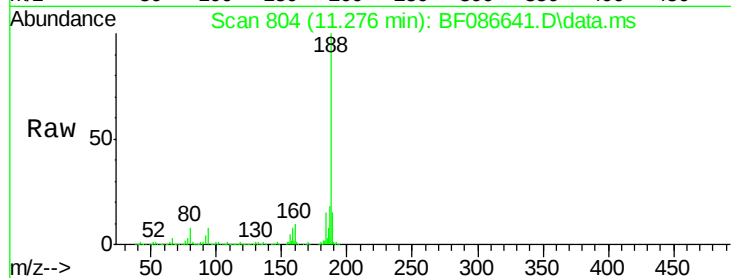




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.276 min Scan# 80
Delta R.T. -0.046 min
Lab File: BF086641.D
Acq: 3 May 2016 13:27

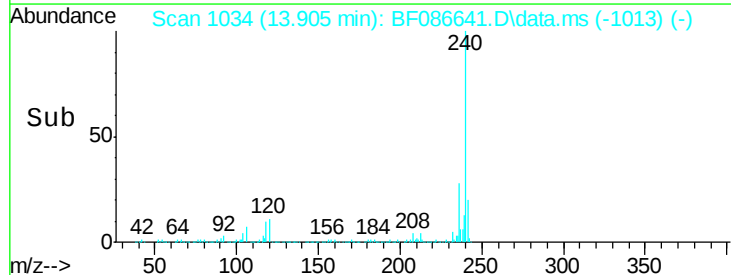
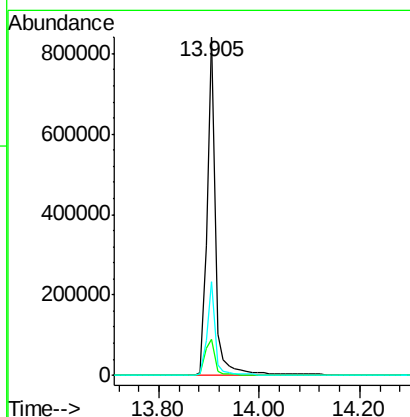
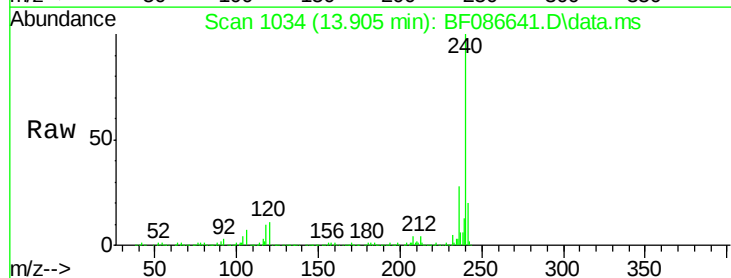
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-4(0-6FTBGS)RE

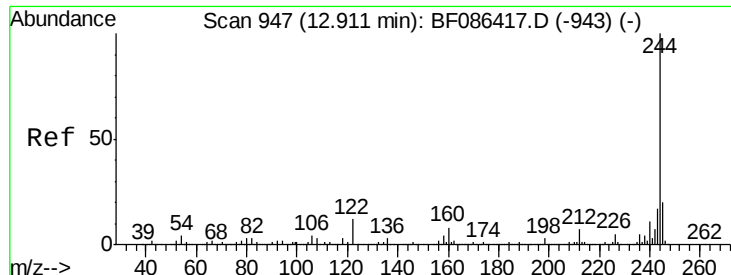
Tot Ion:188 Resp: 1289494
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.6 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.905 min Scan# 1034
Delta R.T. -0.057 min
Lab File: BF086641.D
Acq: 3 May 2016 13:27

Tgt Ion:240 Resp: 983715
Ion Ratio Lower Upper
240 100
120 10.7 11.2 16.8#
236 27.5 21.2 31.8





#78

Terphenyl-d14

Concen: 28.61 ng

RT: 12.854 min Scan# 94

Delta R.T. -0.057 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-4(0-6FTBGS)RE

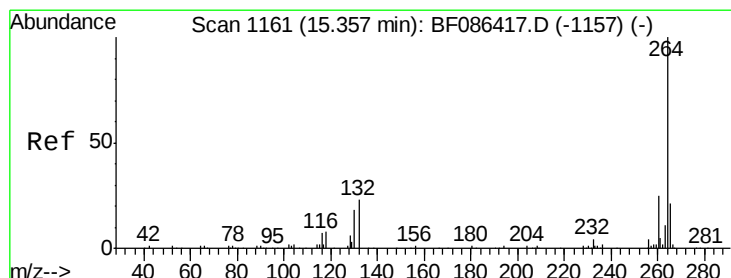
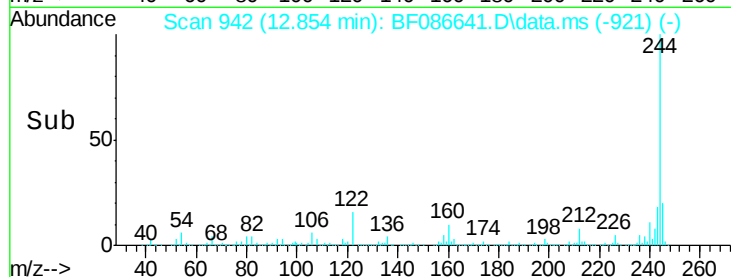
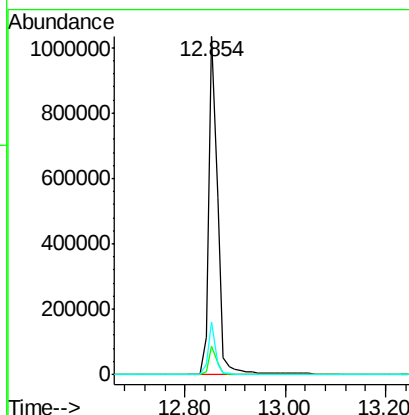
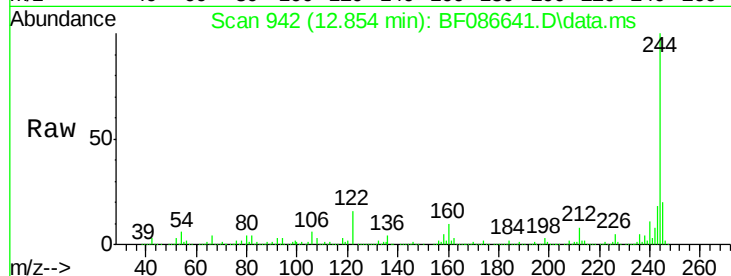
Tot Ion:244 Resp: 1277596

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

122 15.5 12.0 18.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.300 min Scan# 1156

Delta R.T. -0.057 min

Lab File: BF086641.D

Acq: 3 May 2016 13:27

Tgt Ion:264 Resp: 761456

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.5 17.3 25.9

