

Data Path : Z:\HPCHEM1\BNA F\Data\BF050316\
 Data File : BF086642.D
 Acq On : 3 May 2016 13:56
 Operator : UM/SJ
 Sample : H2654-18RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)RE

Quant Time: May 03 15:22:26 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)

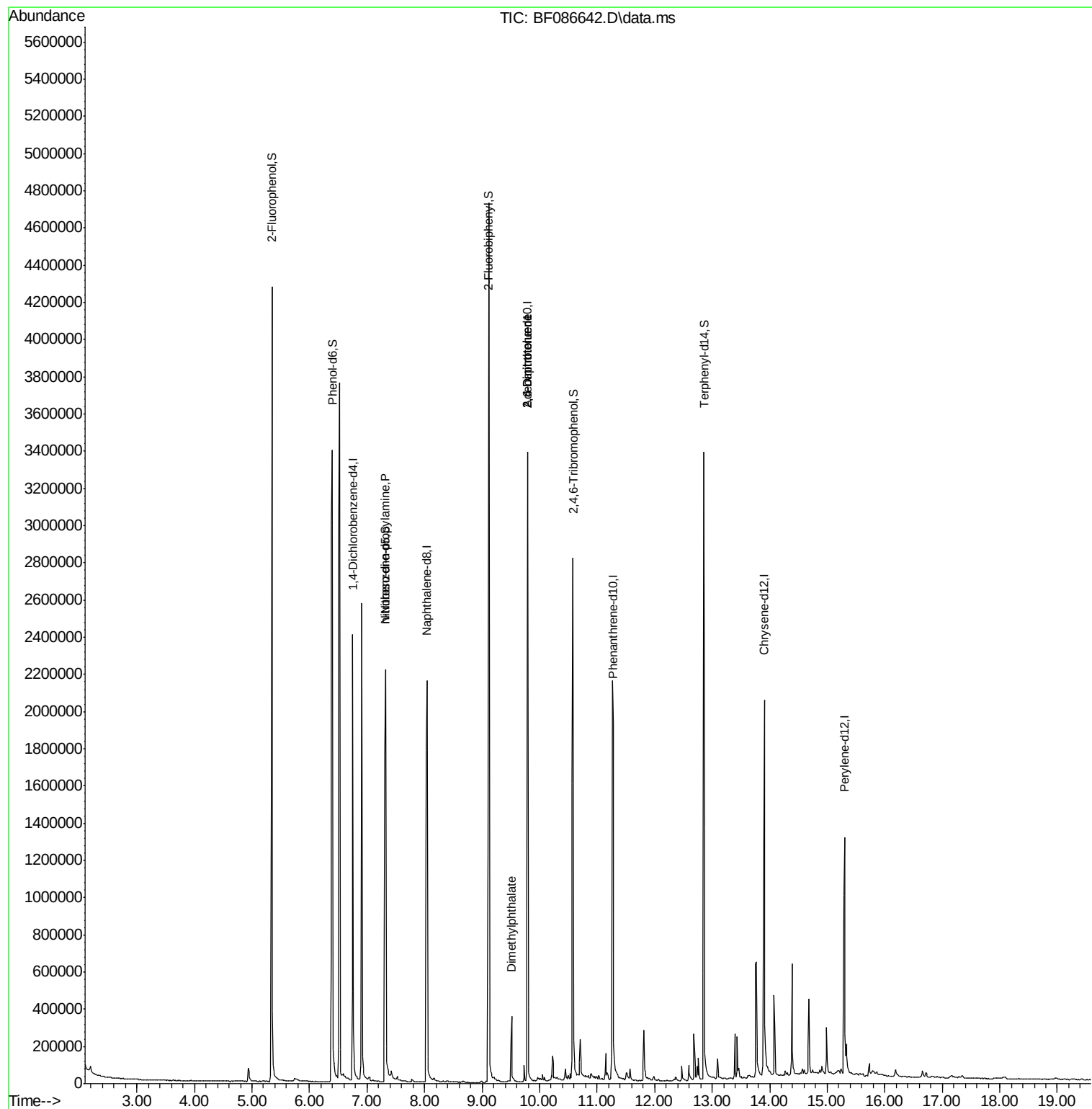
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.750	152	340906	20.00	ng	-0.06
21) Naphthalene-d8	8.042	136	1423636	20.00	ng	-0.06
38) Acenaphthene-d10	9.791	164	670867	20.00	ng	-0.06
63) Phenanthrene-d10	11.276	188	1239702	20.00	ng	-0.05
75) Chrysene-d12	13.905	240	912353	20.00	ng	-0.06
86) Perylene-d12	15.300	264	696711	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	1100835	55.70	ng	-0.04
7) Phenol-d6	6.396	99	1690989	61.30	ng	-0.05
23) Nitrobenzene-d5	7.322	82	1051927	39.83	ng	-0.06
41) 2,4,6-Tribromophenol	10.579	330	403978	57.10	ng	-0.06
44) 2-Fluorobiphenyl	9.116	172	1484880	31.59	ng	-0.06
78) Terphenyl-d14	12.854	244	1241023	29.97	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	142398	7.81	ng	Qvalue # 81
49) Dimethylphthalate	9.516	163	192728	3.82	ng	99
50) 2,6-Dinitrotoluene	9.791	165	86460	8.29	ng	# 20
56) 2,4-Dinitrotoluene	9.791	165	86720	6.52	ng	# 16

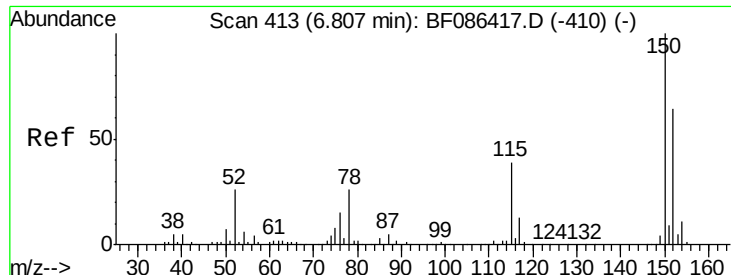
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086642.D

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BNA_F

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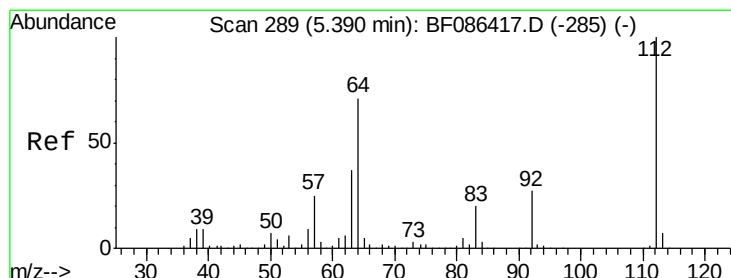
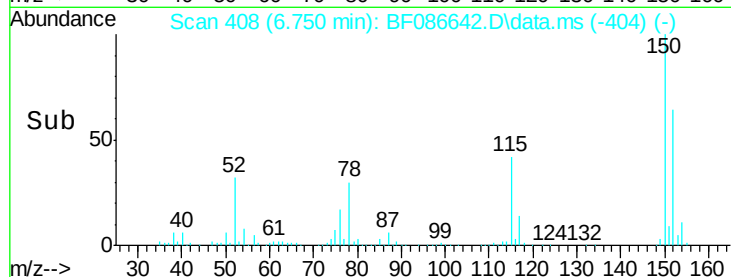
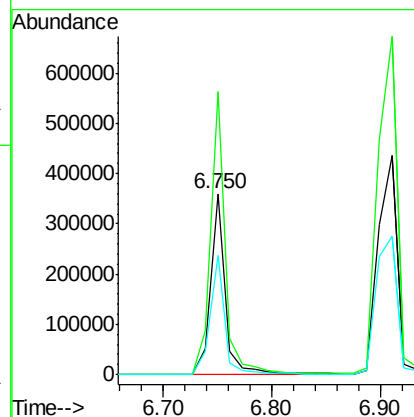
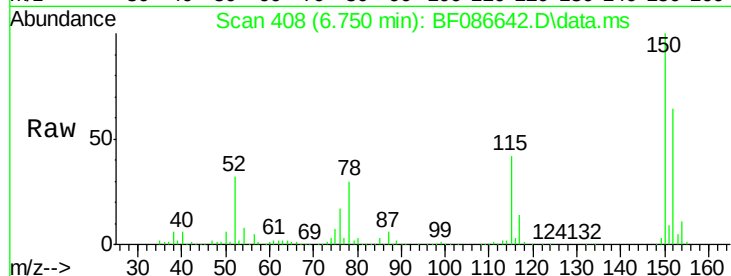
Tot Ion:152 Resp: 340906

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

115 65.8 51.5 77.3



#5

2-Fluorophenol

Concen: 55.70 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.045 min

Lab File: BF086642.D

Acq: 3 May 2016 13:56

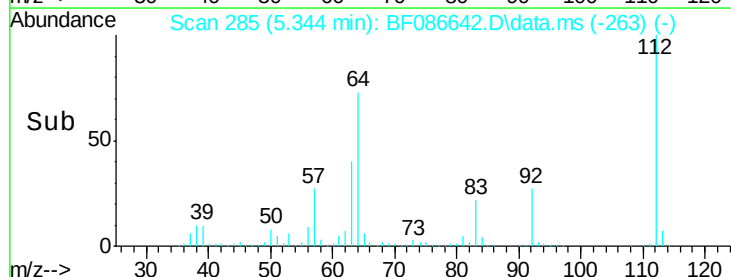
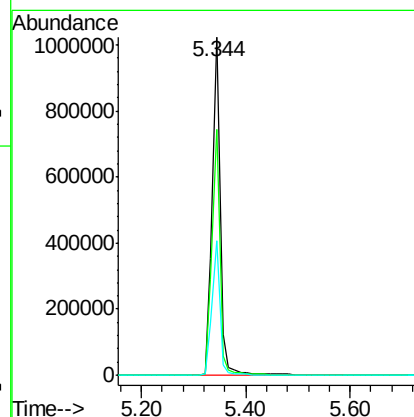
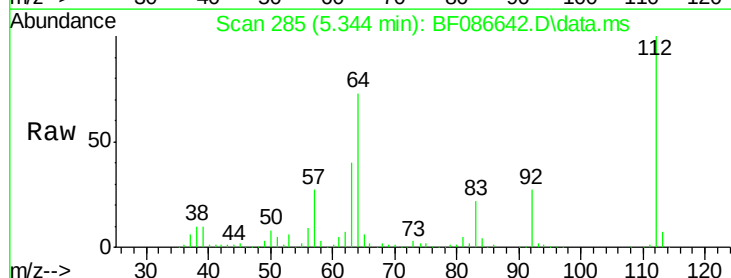
Tgt Ion:112 Resp: 1100835

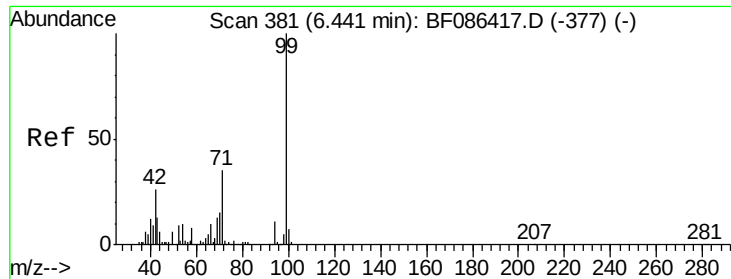
Ion Ratio Lower Upper

112 100

64 72.9 52.1 78.1

63 39.7 25.7 38.5#





#7

Phenol-d6

Concen: 61.30 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.045 min

Lab File: BF086642.D

Acq: 3 May 2016 13:56

Instrument :

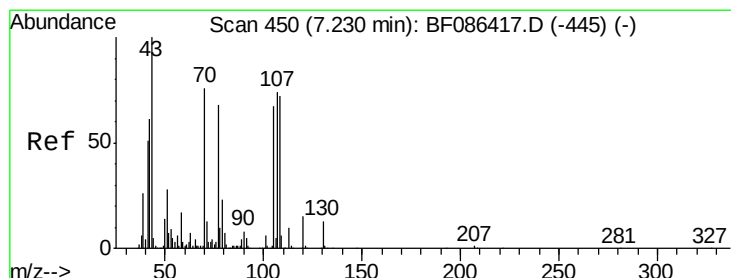
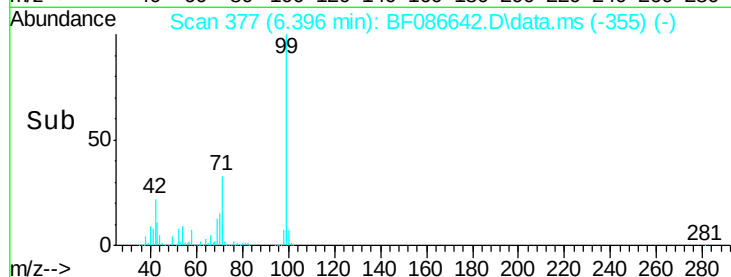
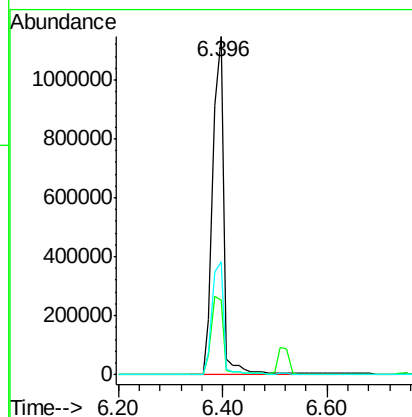
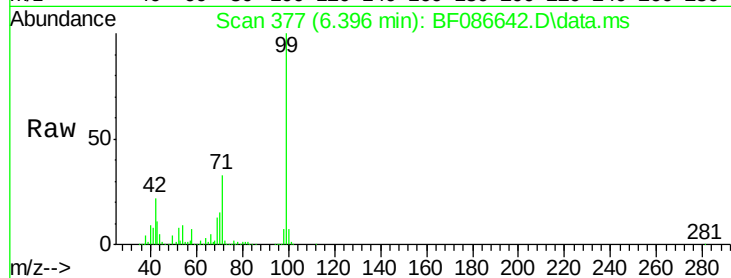
BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)RE

Tot Ion: 99 Resp: 1690989

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.6	20.4#
71	33.4	24.6	36.8



#19

n-Nitroso-di-n-propylamine

Concen: 7.81 ng

RT: 7.322 min Scan# 458

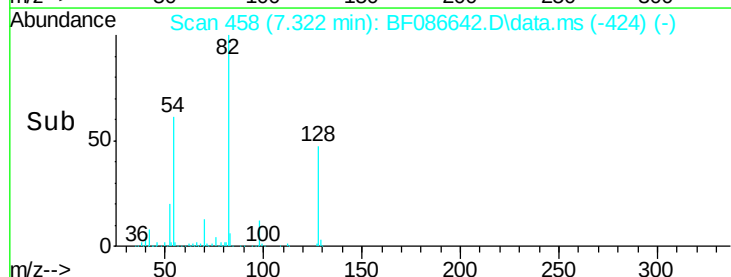
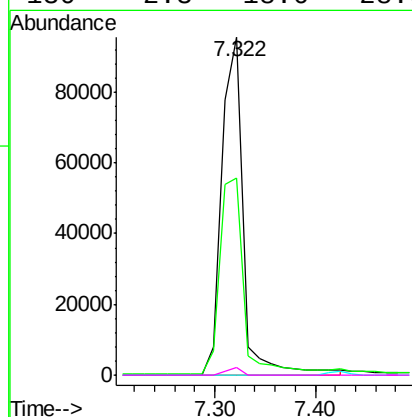
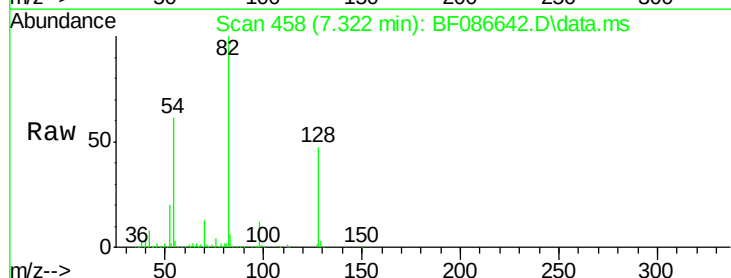
Delta R.T. 0.092 min

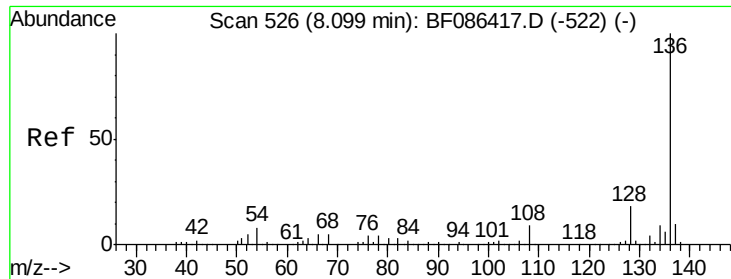
Lab File: BF086642.D

Acq: 3 May 2016 13:56

Tgt Ion: 70 Resp: 142398

Ion	Ratio	Lower	Upper
70	100		
42	58.4	43.1	64.7
101	0.0	8.1	12.1#
130	2.3	18.6	28.0#

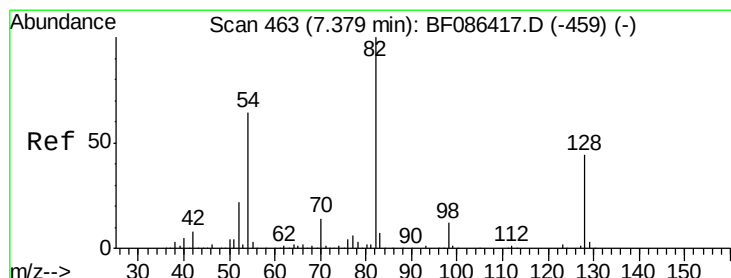
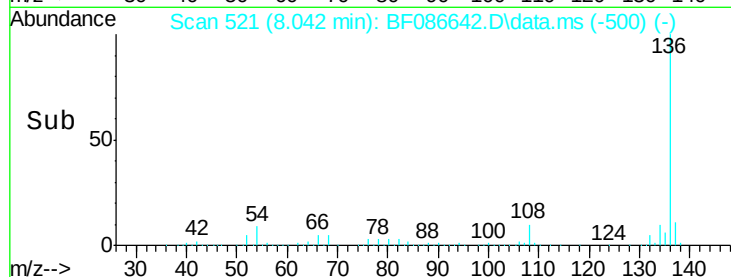
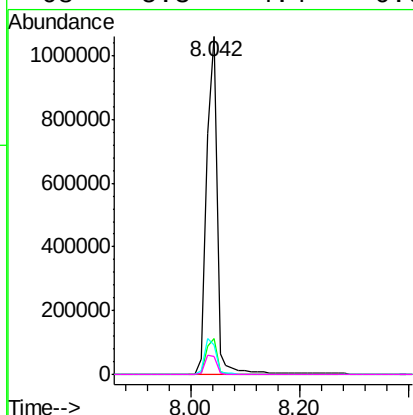
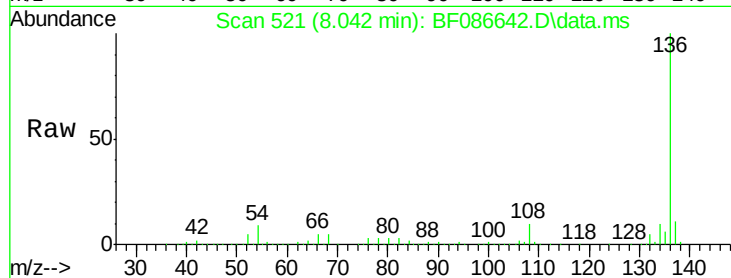




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.042 min Scan# 52
Delta R.T. -0.057 min
Lab File: BF086642.D
Acq: 3 May 2016 13:56

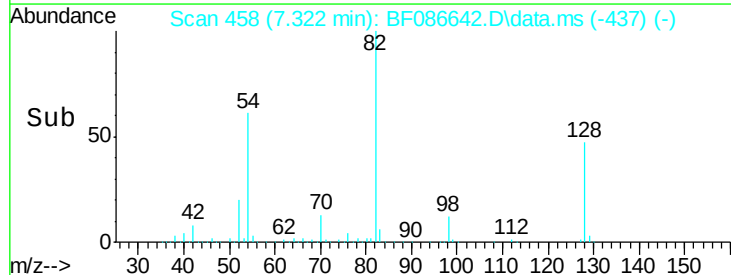
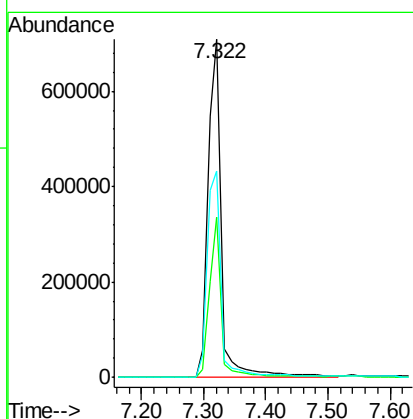
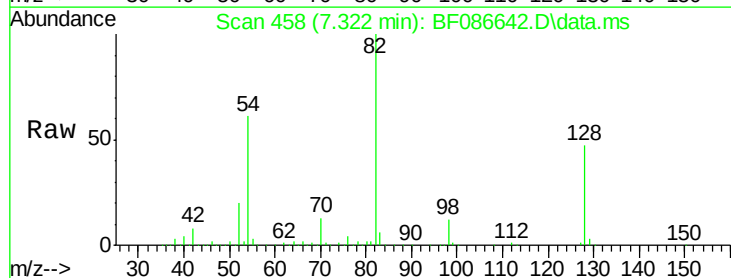
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)RE

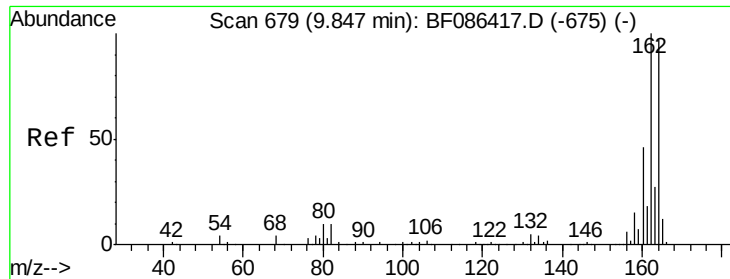
Tot Ion:136 Resp: 1423636
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.9 5.0 7.4#
68 5.3 4.4 6.6



#23
Nitrobenzene-d5
Concen: 39.83 ng
RT: 7.322 min Scan# 458
Delta R.T. -0.057 min
Lab File: BF086642.D
Acq: 3 May 2016 13:56

Tgt Ion: 82 Resp: 1051927
Ion Ratio Lower Upper
82 100
128 47.4 40.6 61.0
54 61.1 38.1 57.1#

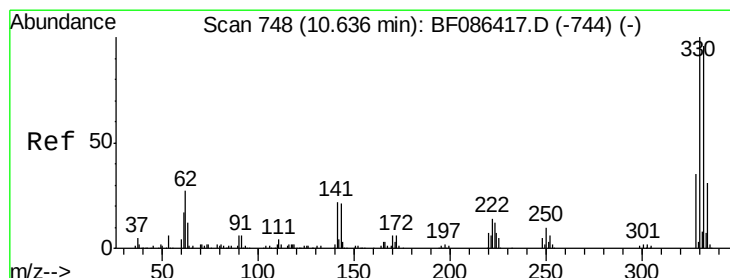
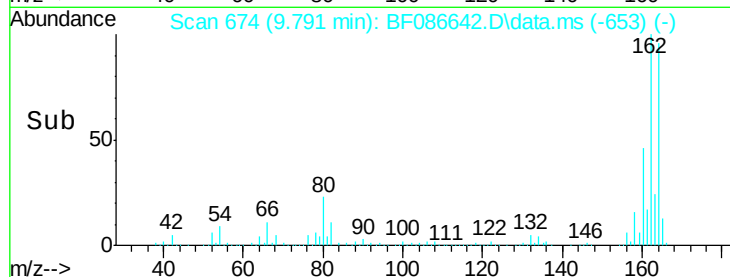
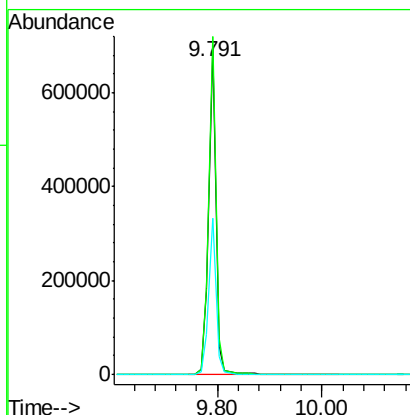
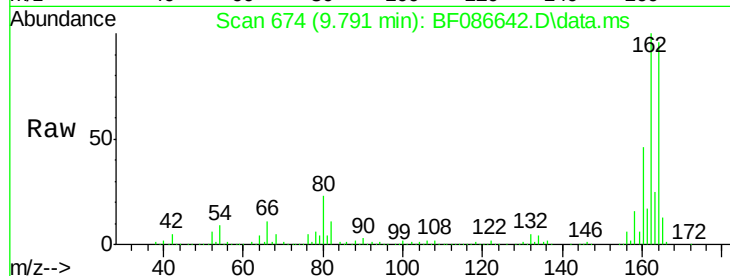




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.791 min Scan# 67
 Delta R.T. -0.057 min
 Lab File: BF086642.D
 Acq: 3 May 2016 13:56

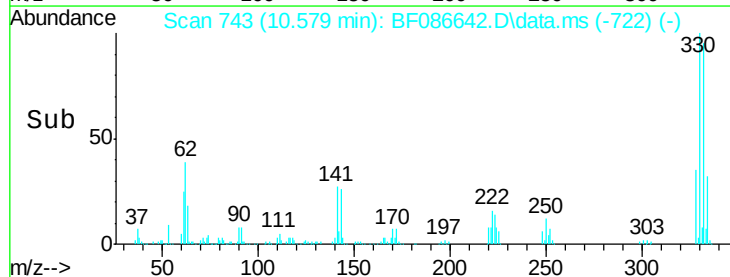
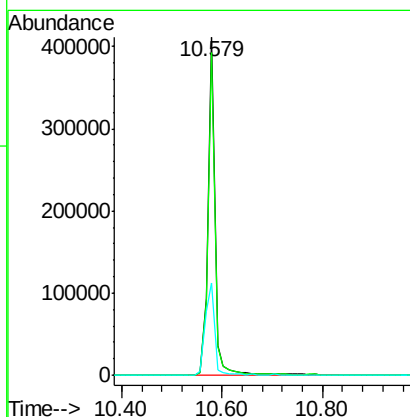
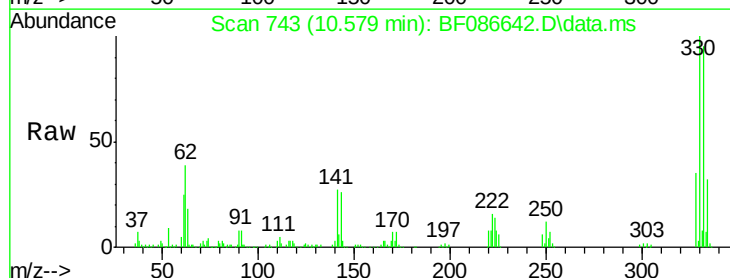
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)RE

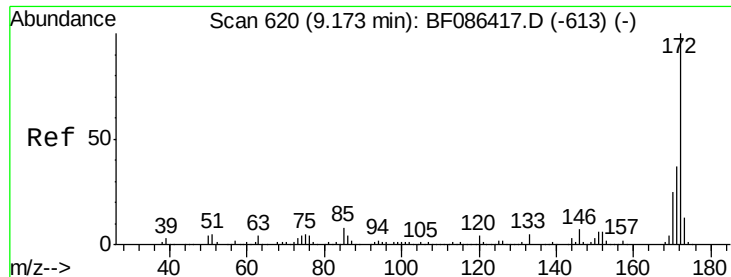
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	48.1	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 57.10 ng
 RT: 10.579 min Scan# 743
 Delta R.T. -0.057 min
 Lab File: BF086642.D
 Acq: 3 May 2016 13:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	79.0	118.4
141	35.9	31.2	46.8

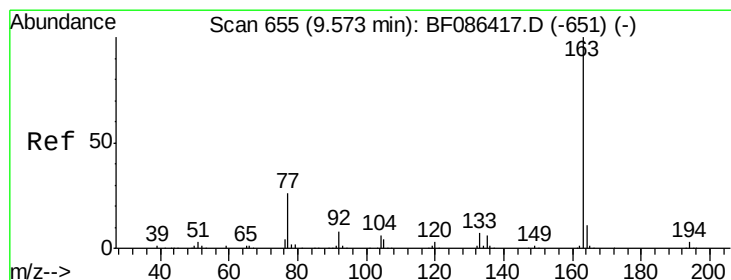
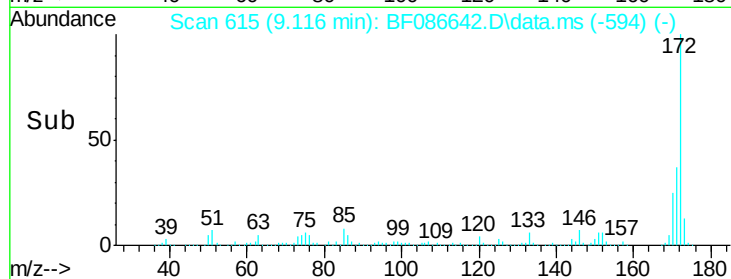
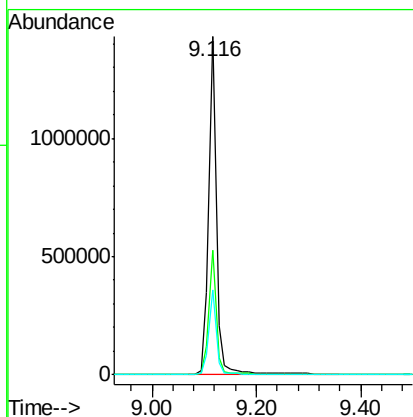
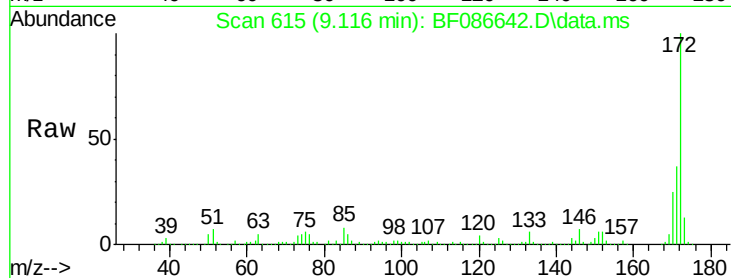




#44
2-Fluorobiphenyl
Concen: 31.59 ng
RT: 9.116 min Scan# 61
Delta R.T. -0.057 min
Lab File: BF086642.D
Acq: 3 May 2016 13:56

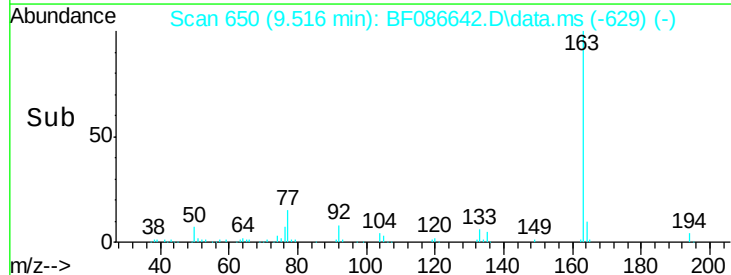
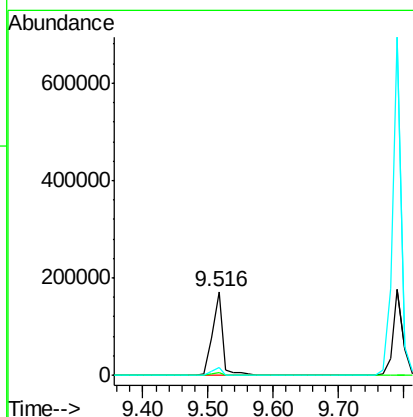
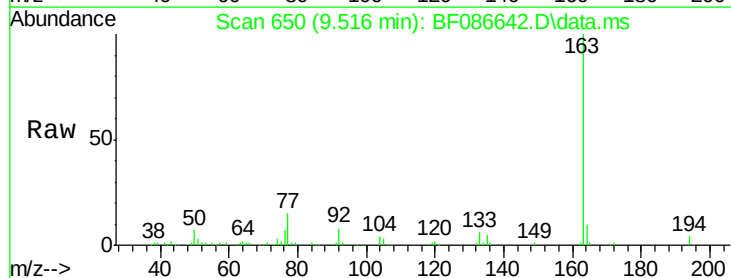
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)RE

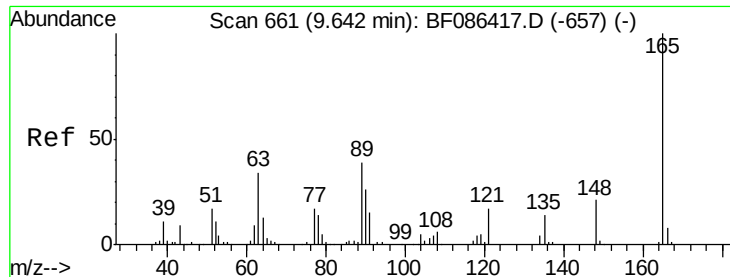
Tot Ion:172 Resp: 1484880
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 25.2 19.8 29.8



#49
Dimethylphthalate
Concen: 3.82 ng
RT: 9.516 min Scan# 650
Delta R.T. -0.057 min
Lab File: BF086642.D
Acq: 3 May 2016 13:56

Tgt Ion:163 Resp: 192728
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 8.2 12.4

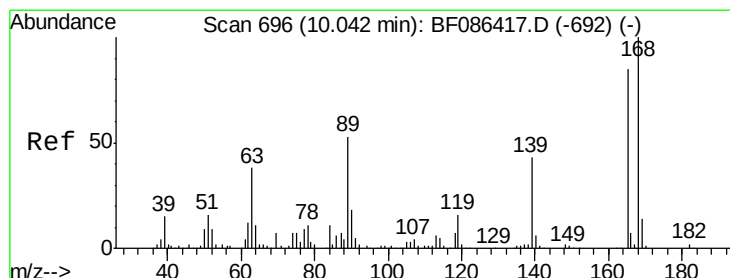
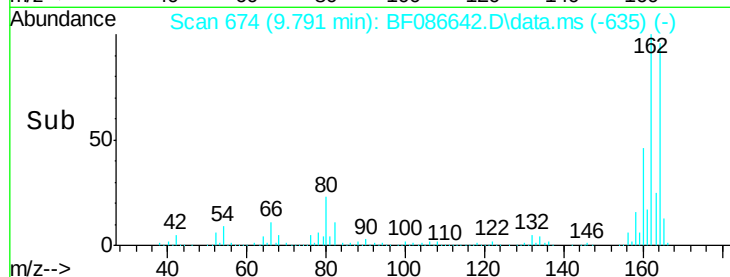
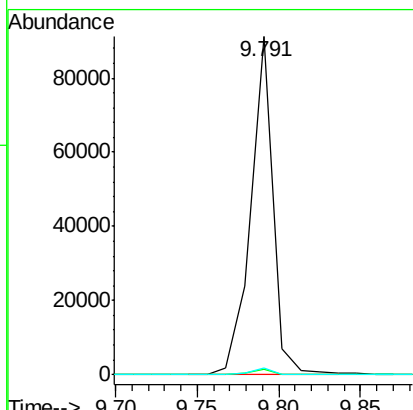
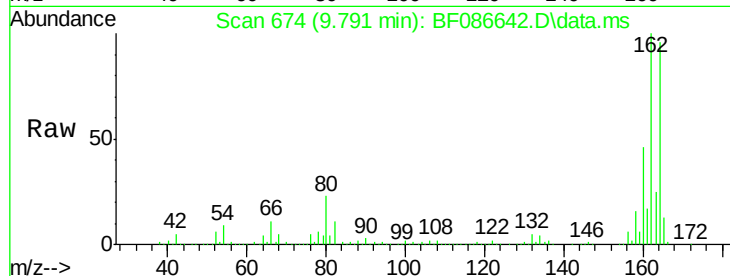




#50
 2,6-Dinitrotoluene
 Concen: 8.29 ng
 RT: 9.791 min Scan# 67
 Delta R.T. 0.149 min
 Lab File: BF086642.D
 Acq: 3 May 2016 13:56

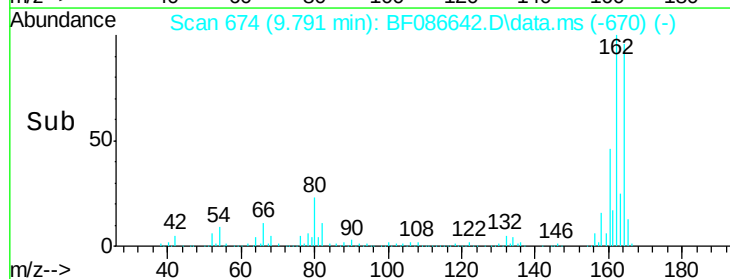
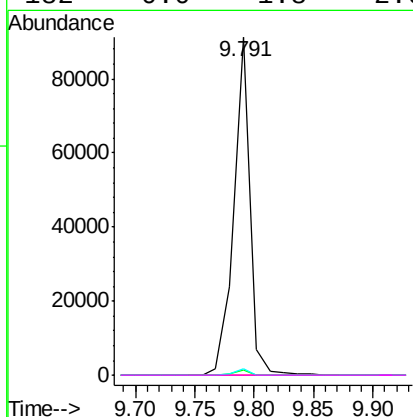
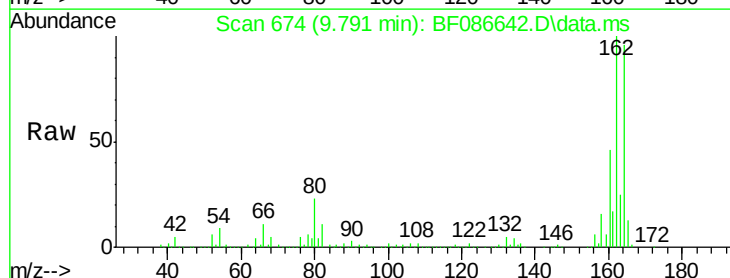
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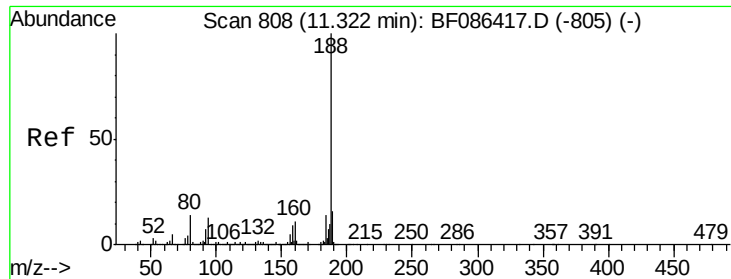
Tot Ion	165	Resp	86460
Ion Ratio	100	Lower	Upper
63	1.6	51.8	77.8#
89	1.9	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.791 min Scan# 674
 Delta R.T. -0.251 min
 Lab File: BF086642.D
 Acq: 3 May 2016 13:56

Tgt Ion	165	Resp	86720
Ion Ratio	100	Lower	Upper
63	1.6	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#

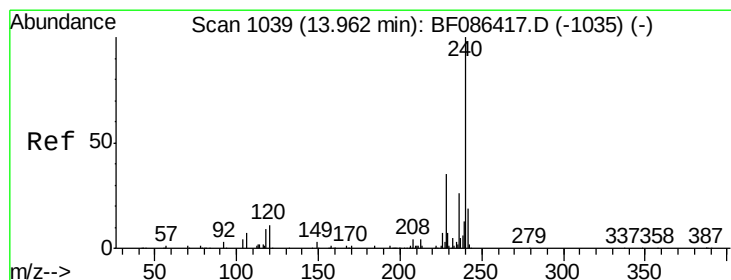
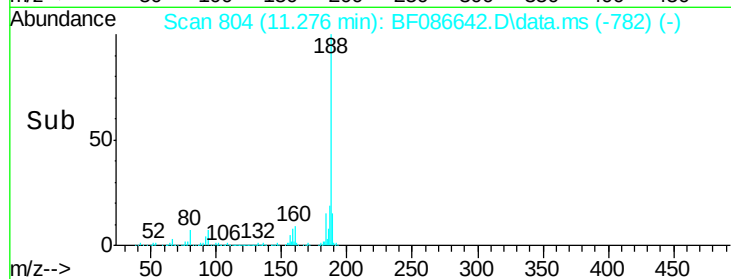
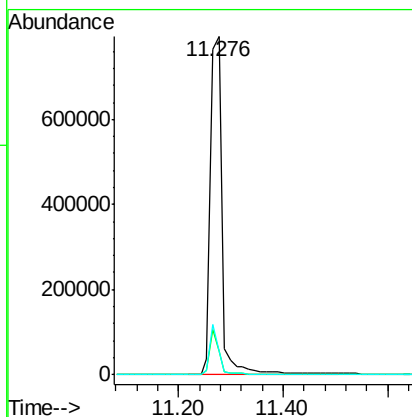
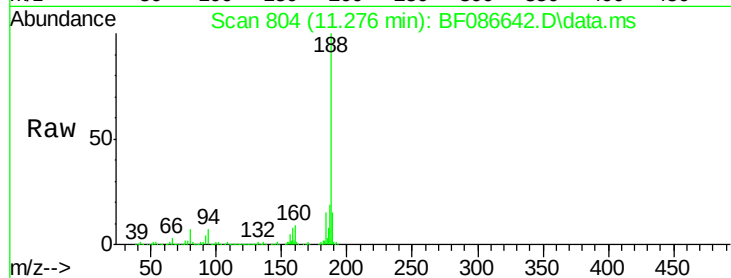




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.276 min Scan# 80
Delta R.T. -0.045 min
Lab File: BF086642.D
Acq: 3 May 2016 13:56

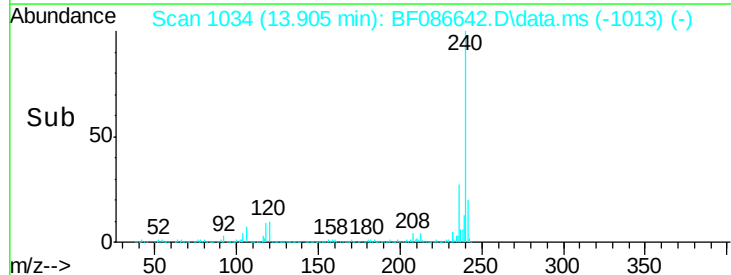
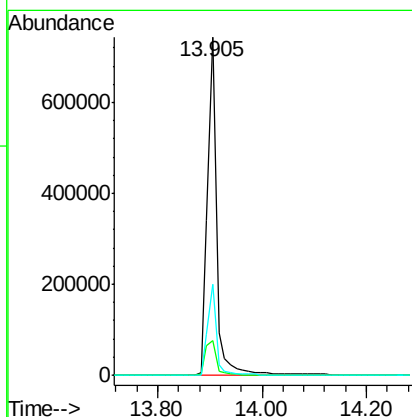
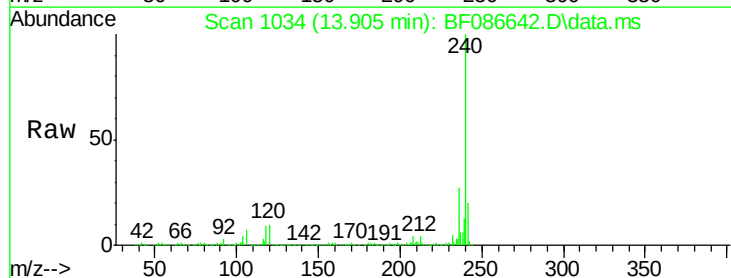
Instrument :
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26WARD-2A-CS-13(6-17FTBGS)RE

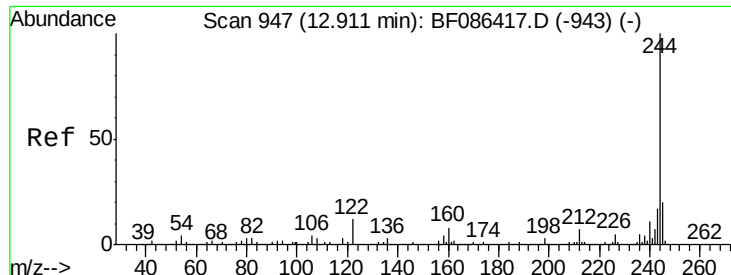
Tot Ion:188 Resp: 1239702
Ion Ratio Lower Upper
188 100
94 6.8 6.8 10.2#
80 6.9 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.905 min Scan# 1034
Delta R.T. -0.057 min
Lab File: BF086642.D
Acq: 3 May 2016 13:56

Tgt Ion:240 Resp: 912353
Ion Ratio Lower Upper
240 100
120 10.4 11.2 16.8#
236 26.9 21.2 31.8





#78

Terphenyl-d14

Concen: 29.97 ng

RT: 12.854 min Scan# 94

Delta R.T. -0.057 min

Lab File: BF086642.D

Acq: 3 May 2016 13:56

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)RE

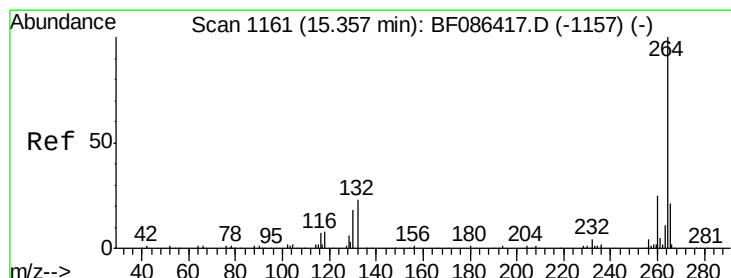
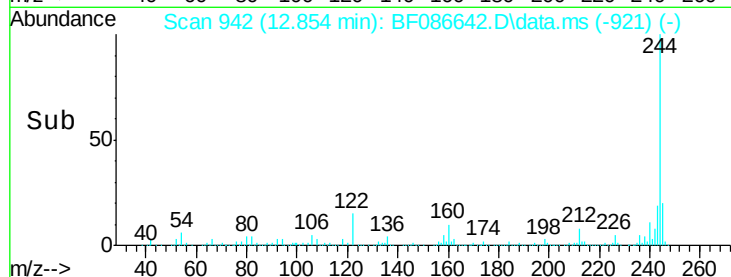
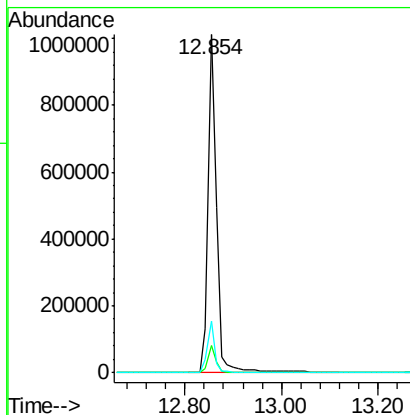
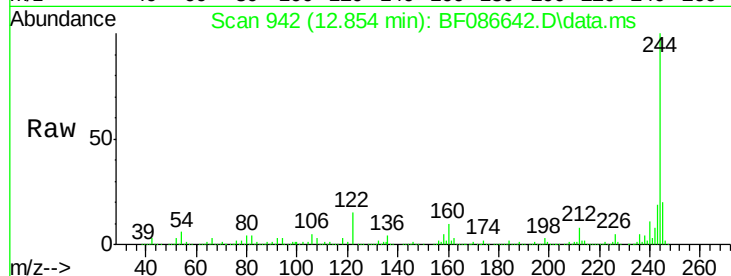
Tot Ion:244 Resp: 1241023

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 15.1 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: BF086642.D

Acq: 3 May 2016 13:56

Tgt Ion:264 Resp: 696711

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.5 17.3 25.9

