

Data Path : Z:\HPCHEM1\BNA F\Data\BF101016\
 Data File : BF090488.D
 Acq On : 10 Oct 2016 19:14
 Operator : UM/SJ
 Sample : H5148-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-03-C

Quant Time: Oct 11 11:03:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

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

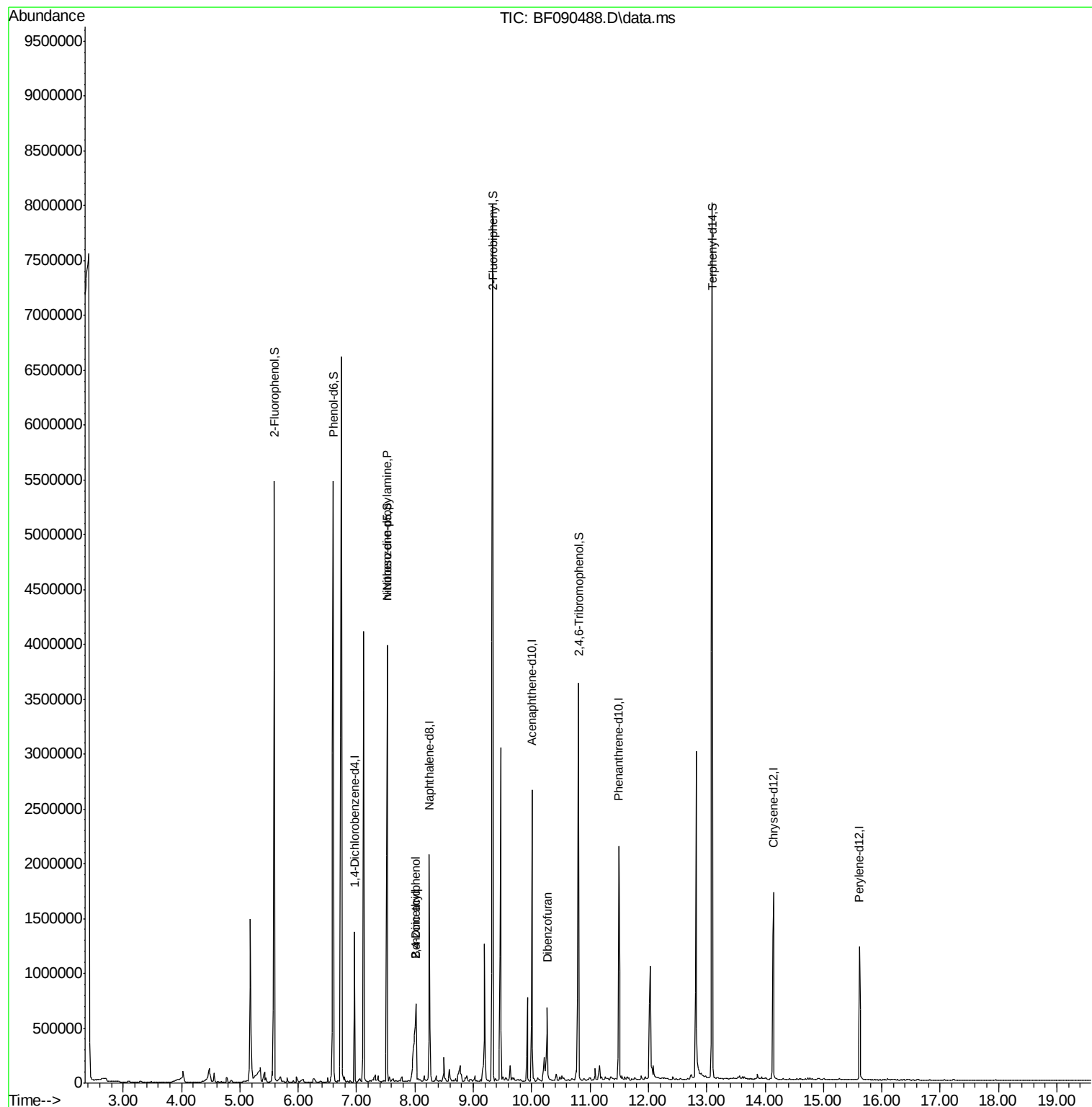
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.966	152	248933	20.00	ng	-0.03
21) Naphthalene-d8	8.246	136	970073	20.00	ng	-0.05
38) Acenaphthene-d10	10.006	164	533691	20.00	ng	-0.05
63) Phenanthrene-d10	11.492	188	859726	20.00	ng	-0.06
75) Chrysene-d12	14.144	240	753770	20.00	ng	-0.06
86) Perylene-d12	15.618	264	525983	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.594	112	1984481	118.98	ng	-0.01
7) Phenol-d6	6.600	99	2235797	102.35	ng	-0.02
23) Nitrobenzene-d5	7.526	82	1592326	79.84	ng	-0.05
41) 2,4,6-Tribromophenol	10.806	330	808795	186.37	ng	-0.05
44) 2-Fluorobiphenyl	9.332	172	2930937	91.50	ng	-0.05
78) Terphenyl-d14	13.092	244	2739927	81.72	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.526	70	222852	13.91	ng	Qvalue # 61
27) 2,4-Dimethylphenol	8.017	122	332251	20.05	ng	# 5
32) Benzoic acid	8.017	122	339244	29.45	ng	98
54) Dibenzofuran	10.269	168	204752	5.26	ng	# 52

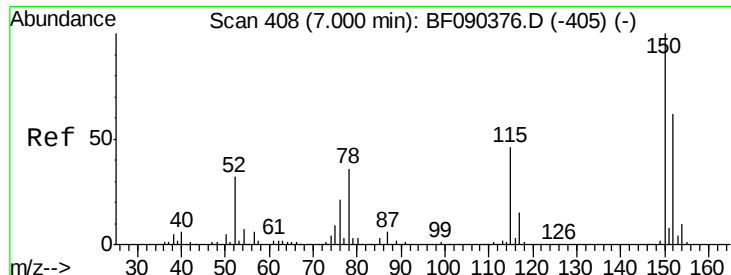
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.966 min Scan# 40

Delta R.T. -0.035 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

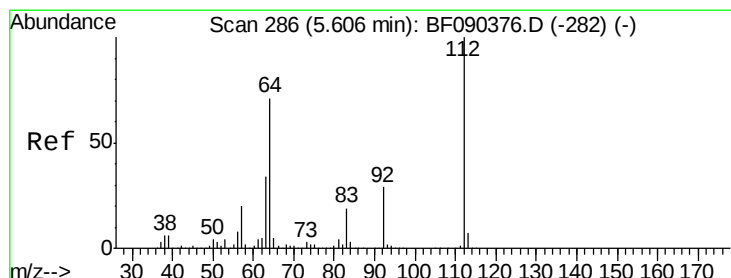
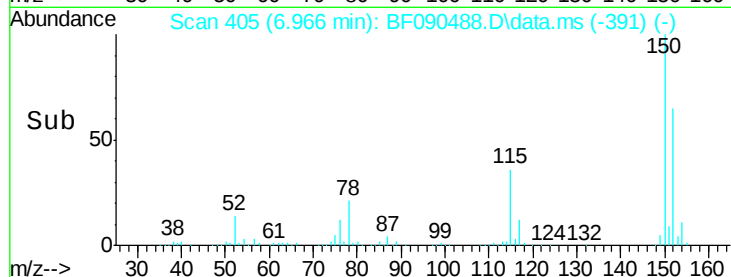
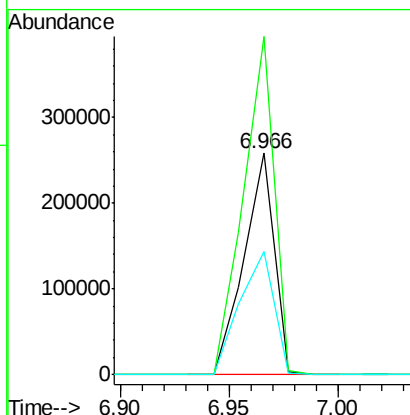
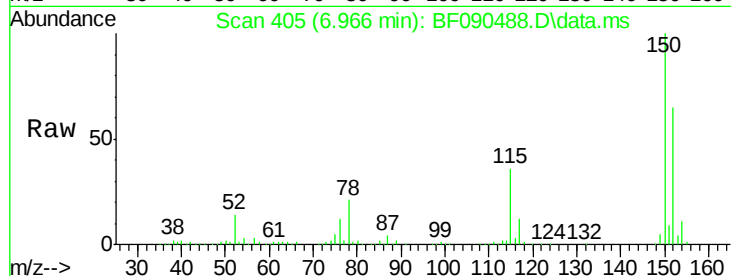
Tot Ion:152 Resp: 248933

Ion Ratio Lower Upper

152 100

150 152.9 124.6 186.8

115 55.5 46.2 69.4



#5

2-Fluorophenol

Concen: 118.98 ng

RT: 5.594 min Scan# 285

Delta R.T. -0.011 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

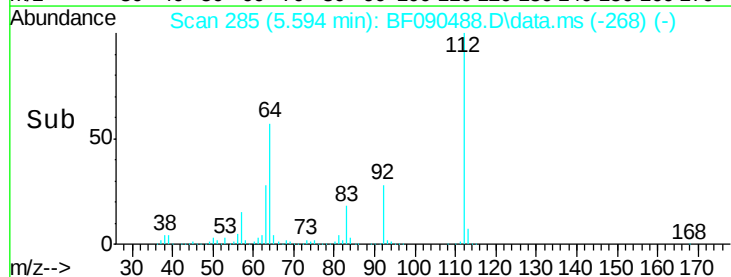
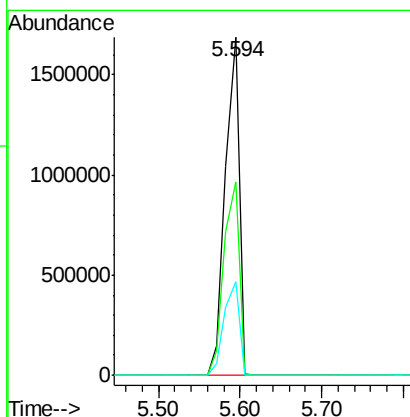
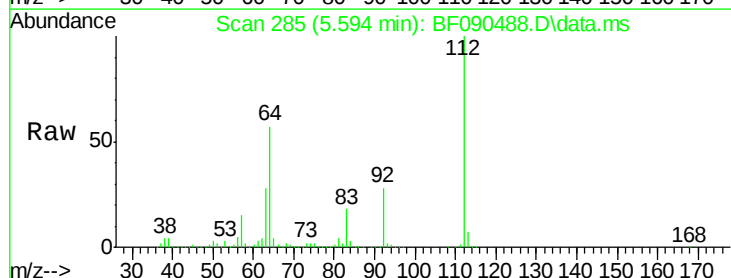
Tgt Ion:112 Resp: 1984481

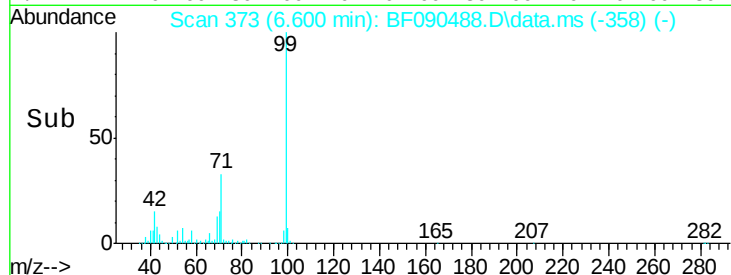
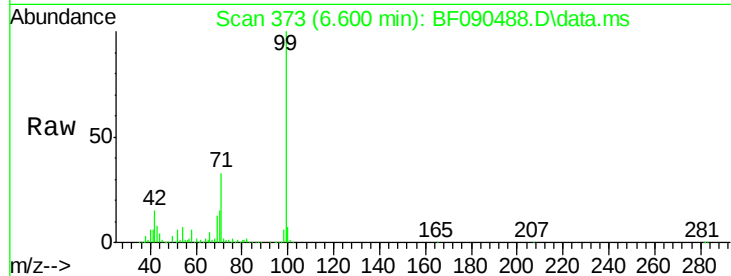
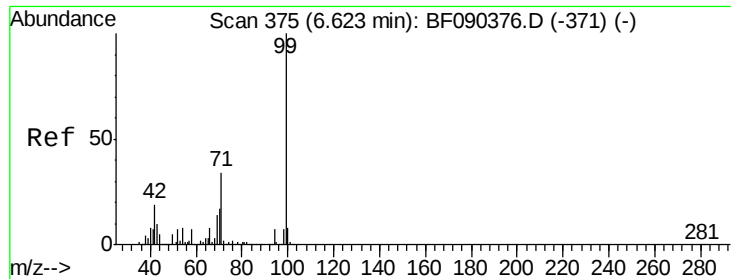
Ion Ratio Lower Upper

112 100

64 57.3 57.9 86.9#

63 27.6 29.6 44.4#





#7

Phenol-d6

Concen: 102.35 ng

RT: 6.600 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Instrument :

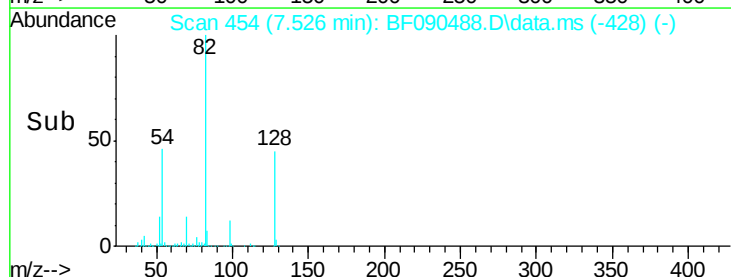
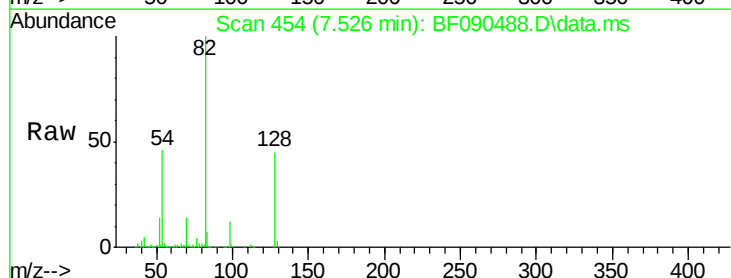
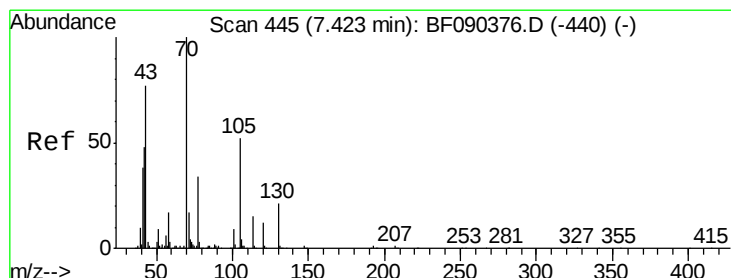
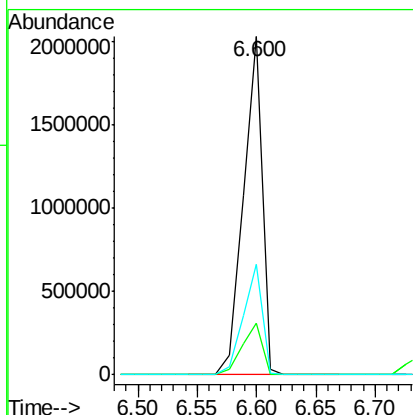
BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

Tot Ion: 99 Resp: 2235797

Ion	Ratio	Lower	Upper
99	100		
42	15.3	20.0	30.0#
71	32.6	27.9	41.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.91 ng

RT: 7.526 min Scan# 454

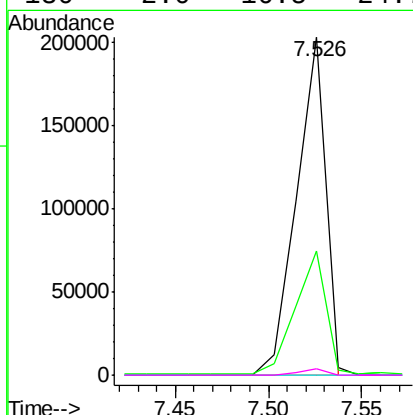
Delta R.T. 0.103 min

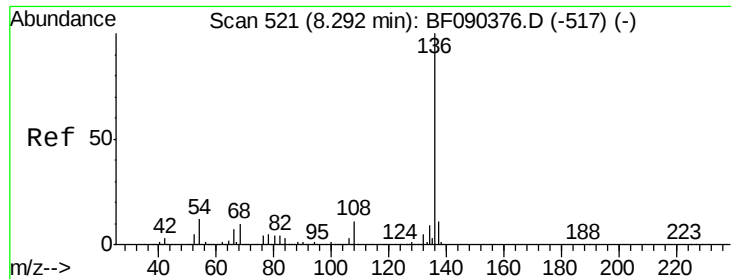
Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Tgt Ion: 70 Resp: 222852

Ion	Ratio	Lower	Upper
70	100		
42	36.7	55.4	83.2#
101	0.0	7.6	11.4#
130	2.0	16.5	24.7#

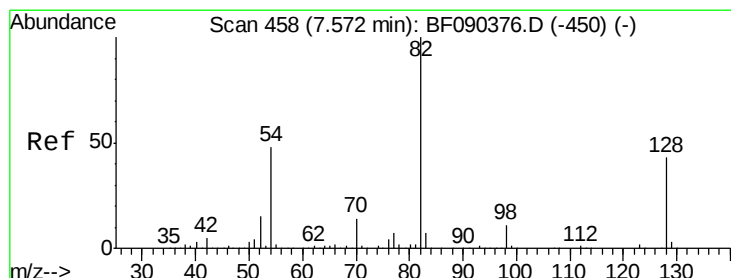
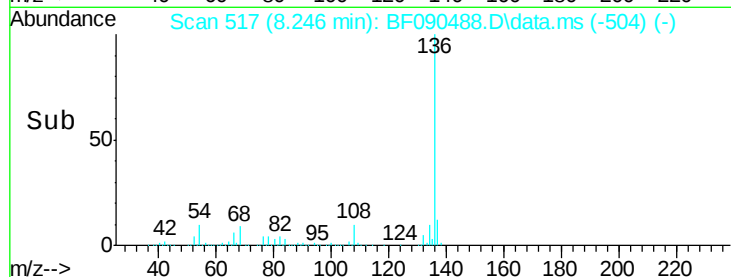
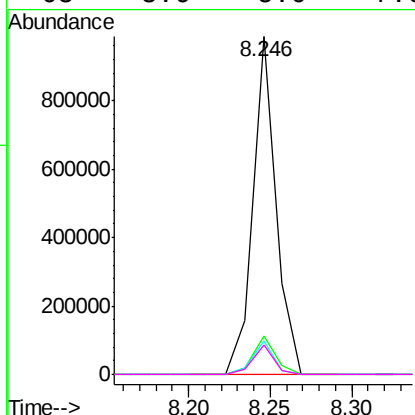
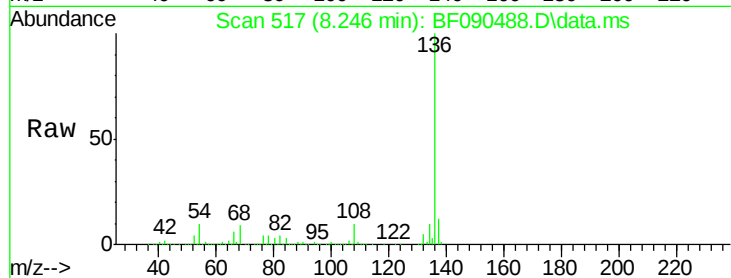




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.246 min Scan# 51
Delta R.T. -0.046 min
Lab File: BF090488.D
Acq: 10 Oct 2016 19:14

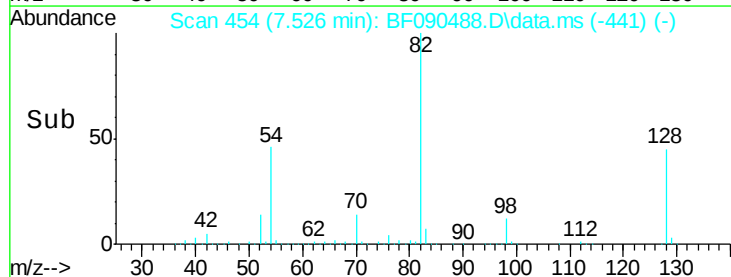
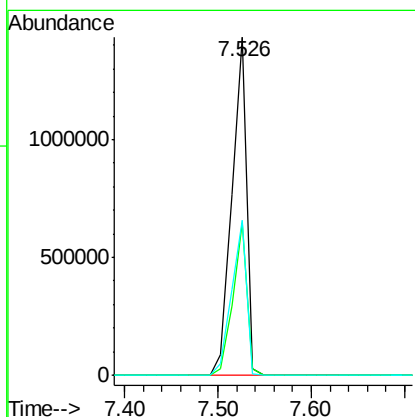
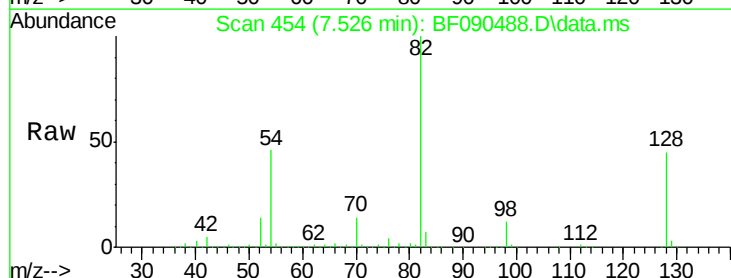
Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-03-C

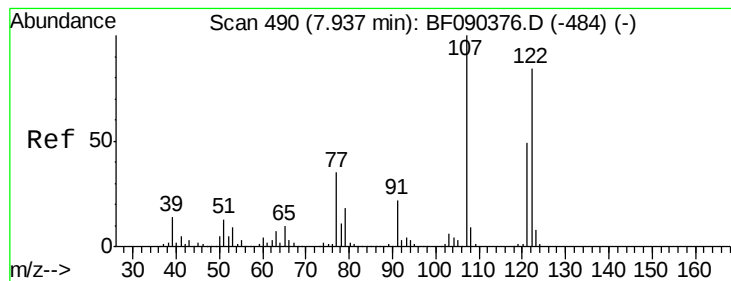
Tot Ion:136	Resp:	970073
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	9.8	6.6 10.0
68	8.6	5.0 7.6#



#23
Nitrobenzene-d5
Concen: 79.84 ng
RT: 7.526 min Scan# 454
Delta R.T. -0.046 min
Lab File: BF090488.D
Acq: 10 Oct 2016 19:14

Tgt Ion: 82	Resp:	1592326
Ion Ratio	Lower	Upper
82	100	
128	45.1	40.0 60.0
54	45.8	42.6 64.0





#27

2,4-Dimethylphenol

Concen: 20.05 ng

RT: 8.017 min Scan# 49

Delta R.T. 0.080 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

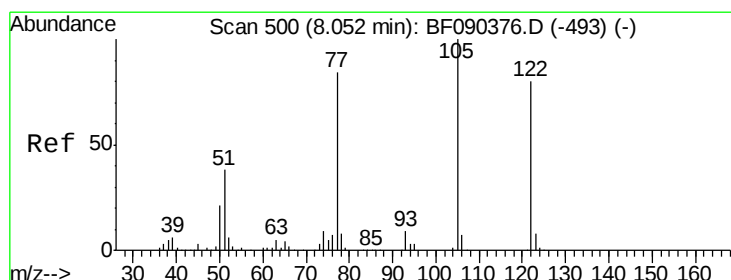
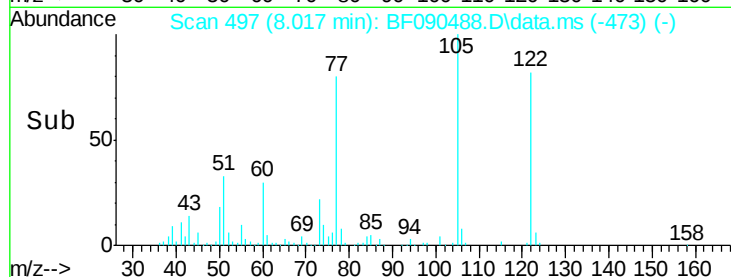
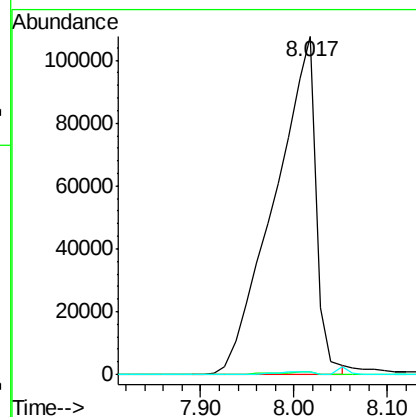
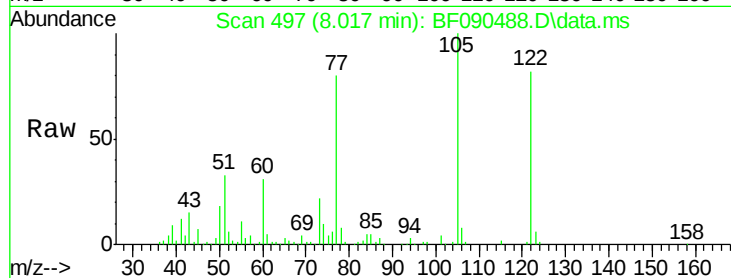
Tot Ion:122 Resp: 332251

Ion Ratio Lower Upper

122 100

107 0.9 88.6 132.8#

121 0.8 47.5 71.3#



#32

Benzoic acid

Concen: 29.45 ng

RT: 8.017 min Scan# 497

Delta R.T. -0.035 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

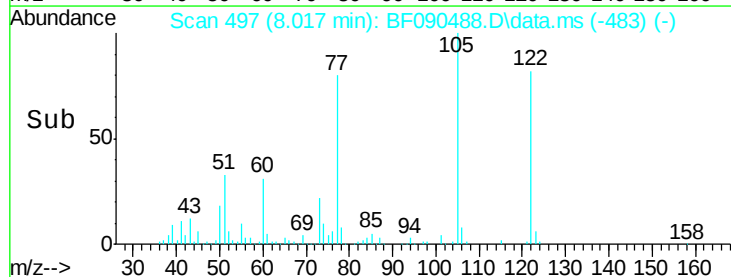
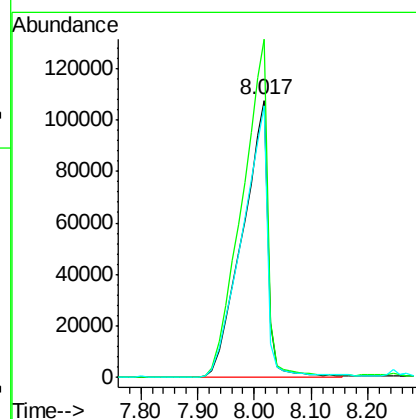
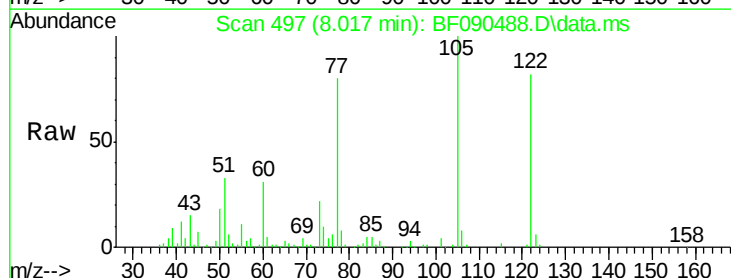
Tgt Ion:122 Resp: 339244

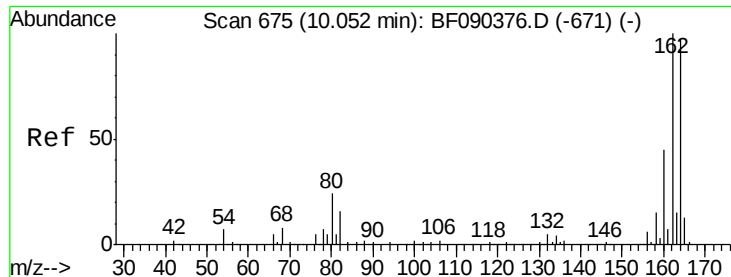
Ion Ratio Lower Upper

122 100

105 122.1 103.9 143.9

77 98.0 74.6 114.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.006 min Scan# 67

Delta R.T. -0.046 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

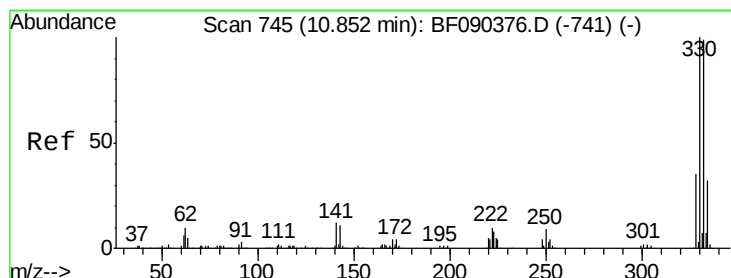
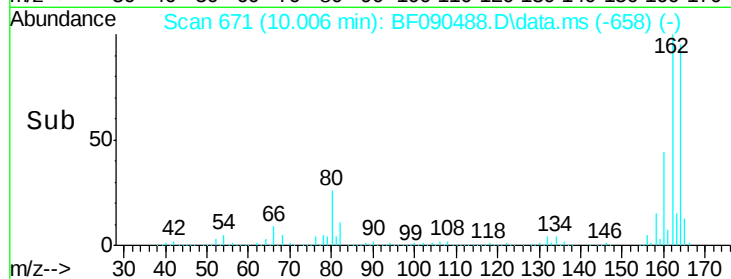
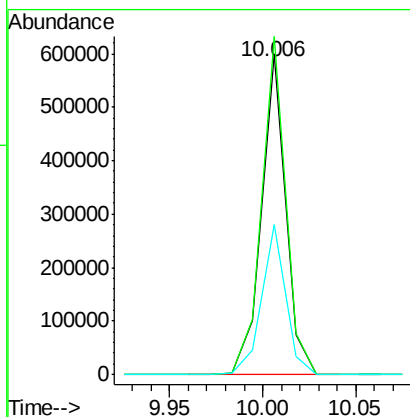
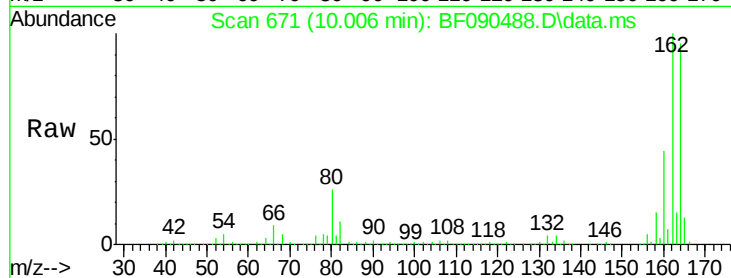
Tot Ion:164 Resp: 533691

Ion Ratio Lower Upper

164 100

162 105.6 80.1 120.1

160 46.9 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 186.37 ng

RT: 10.806 min Scan# 741

Delta R.T. -0.046 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

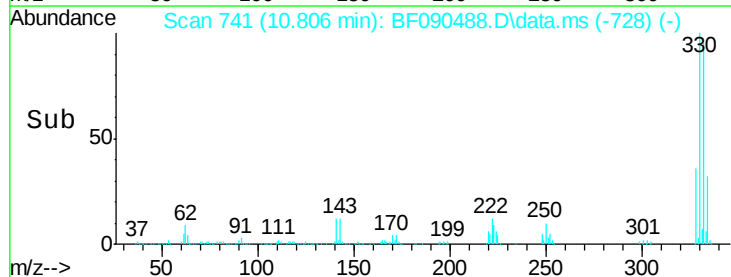
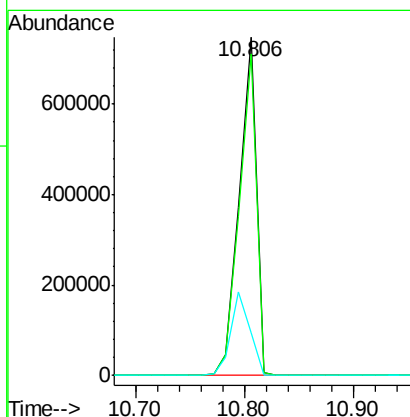
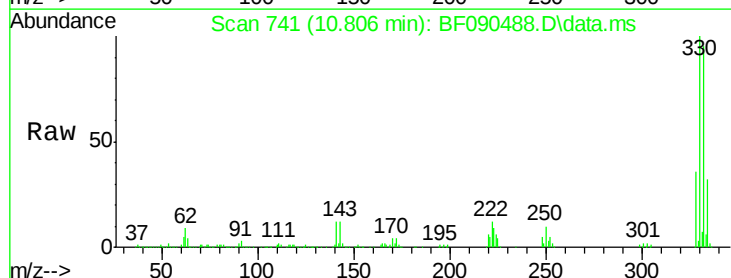
Tgt Ion:330 Resp: 808795

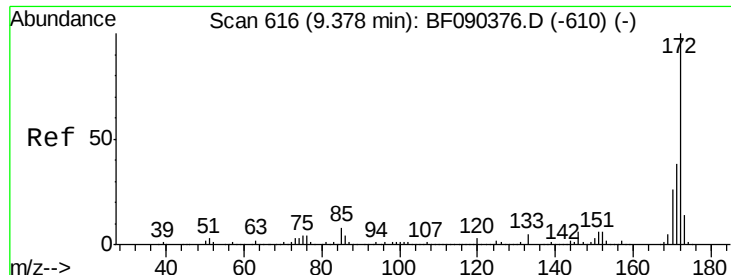
Ion Ratio Lower Upper

330 100

332 95.1 75.4 113.0

141 27.7 26.9 40.3

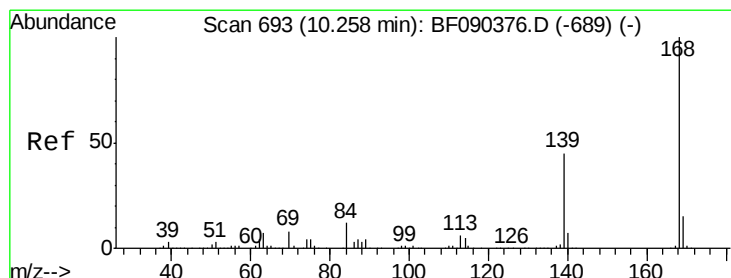
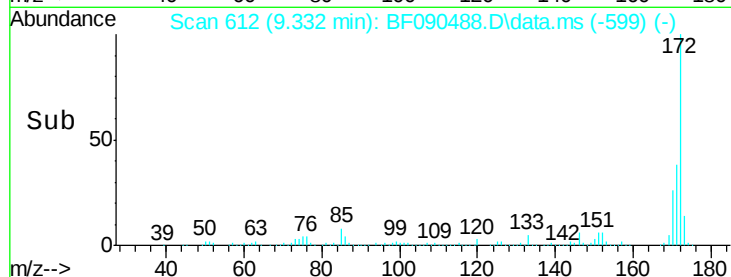
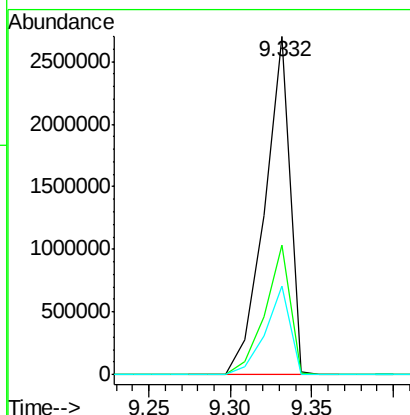
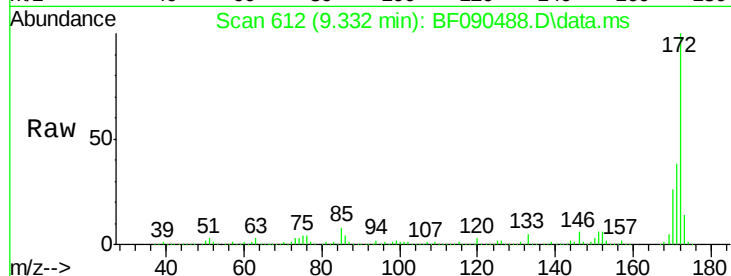




#44
2-Fluorobiphenyl
Concen: 91.50 ng
RT: 9.332 min Scan# 61
Delta R.T. -0.046 min
Lab File: BF090488.D
Acq: 10 Oct 2016 19:14

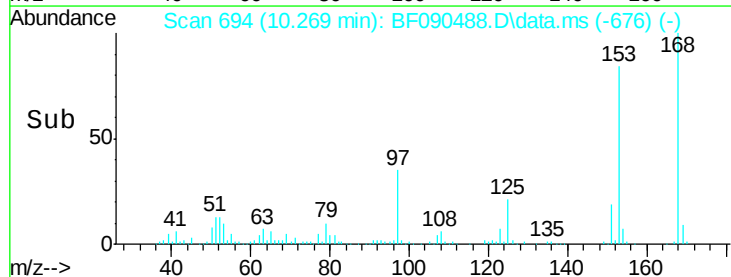
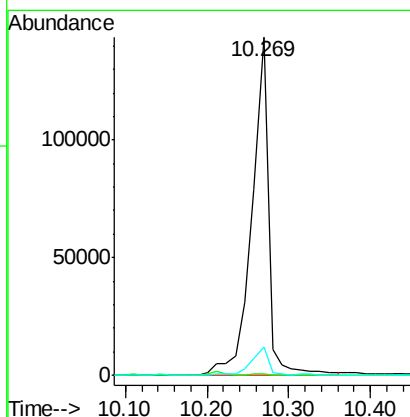
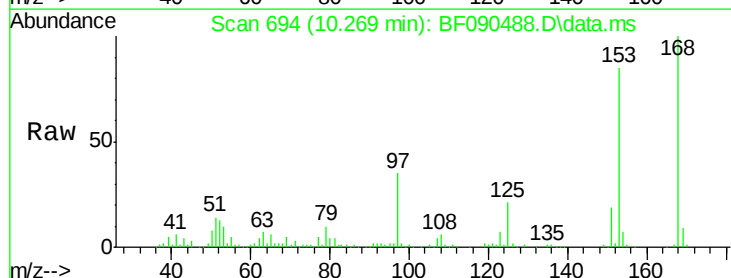
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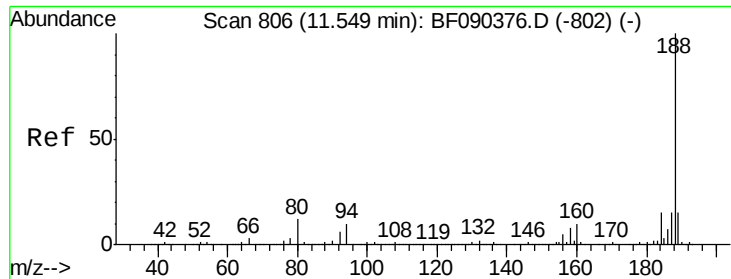
Tot Ion:172 Resp: 2930937
Ion Ratio Lower Upper
172 100
171 38.5 31.8 47.8
170 26.1 21.7 32.5



#54
Dibenzofuran
Concen: 5.26 ng
RT: 10.269 min Scan# 694
Delta R.T. 0.011 min
Lab File: BF090488.D
Acq: 10 Oct 2016 19:14

Tgt Ion:168 Resp: 204752
Ion Ratio Lower Upper
168 100
139 0.3 29.6 44.4#
169 8.5 11.3 16.9#

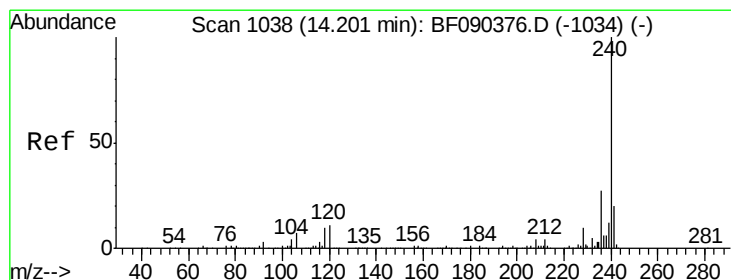
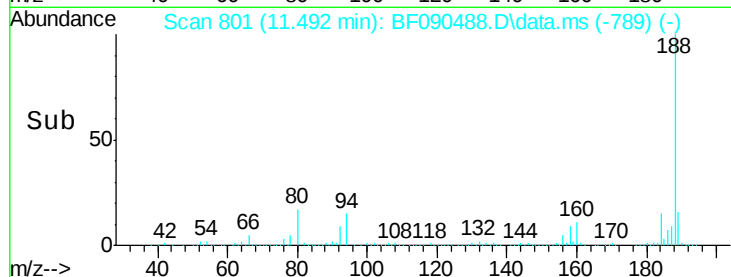
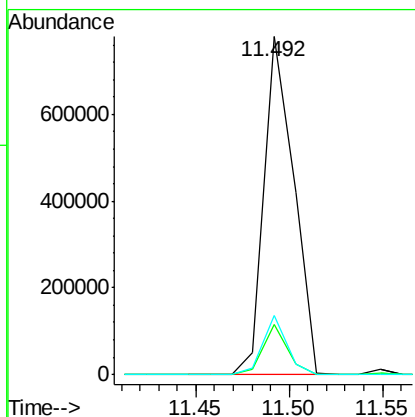
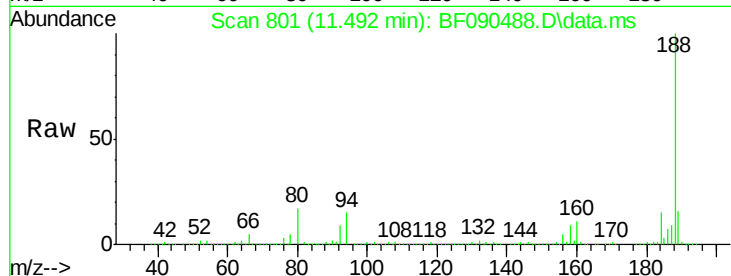




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.492 min Scan# 80
Delta R.T. -0.057 min
Lab File: BF090488.D
Acq: 10 Oct 2016 19:14

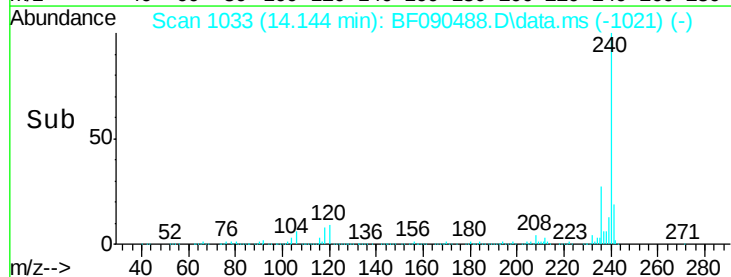
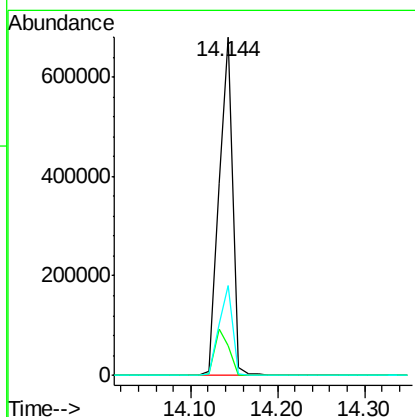
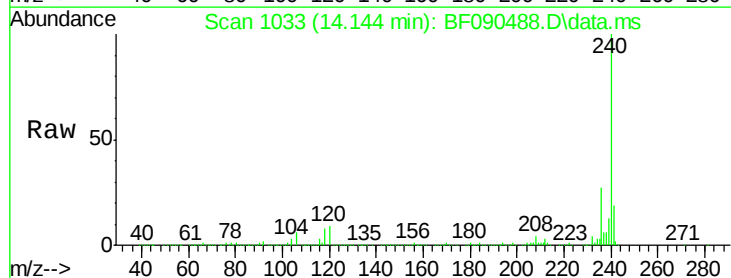
Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-03-C

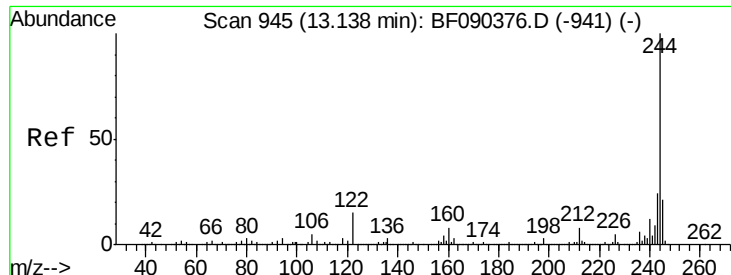
Tot Ion:188 Resp: 859726
Ion Ratio Lower Upper
188 100
94 15.0 8.2 12.2#
80 17.4 8.8 13.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.144 min Scan# 1033
Delta R.T. -0.057 min
Lab File: BF090488.D
Acq: 10 Oct 2016 19:14

Tgt Ion:240 Resp: 753770
Ion Ratio Lower Upper
240 100
120 8.7 8.6 13.0
236 26.6 21.6 32.4





#78

Terphenyl-d14

Concen: 81.72 ng

RT: 13.092 min Scan# 941

Delta R.T. -0.046 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

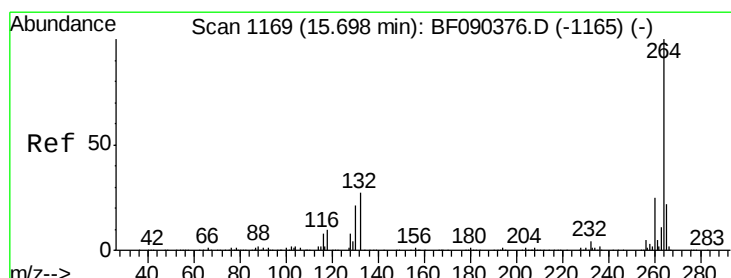
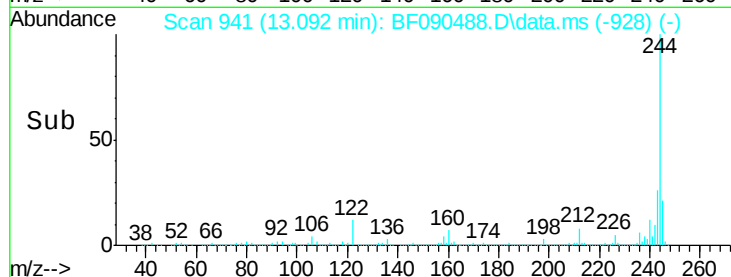
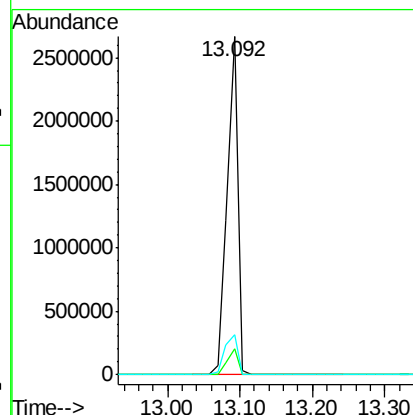
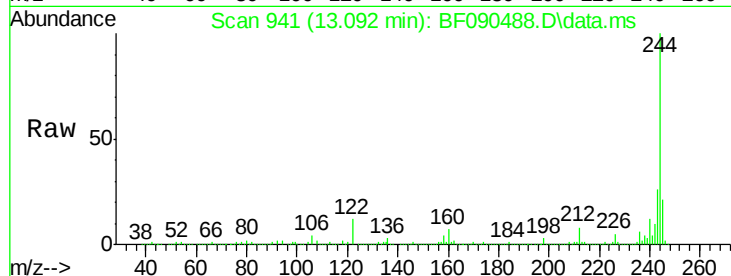
Tot Ion:244 Resp: 2739927

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

122 11.8 13.3 19.9#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.618 min Scan# 1162

Delta R.T. -0.080 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Tgt Ion:264 Resp: 525983

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.9 17.4 26.0

