

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087394.D
 Acq On : 26 May 2016 4:11
 Operator : UM/SJ
 Sample : H3212-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE3-1

Quant Time: May 26 08:38:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

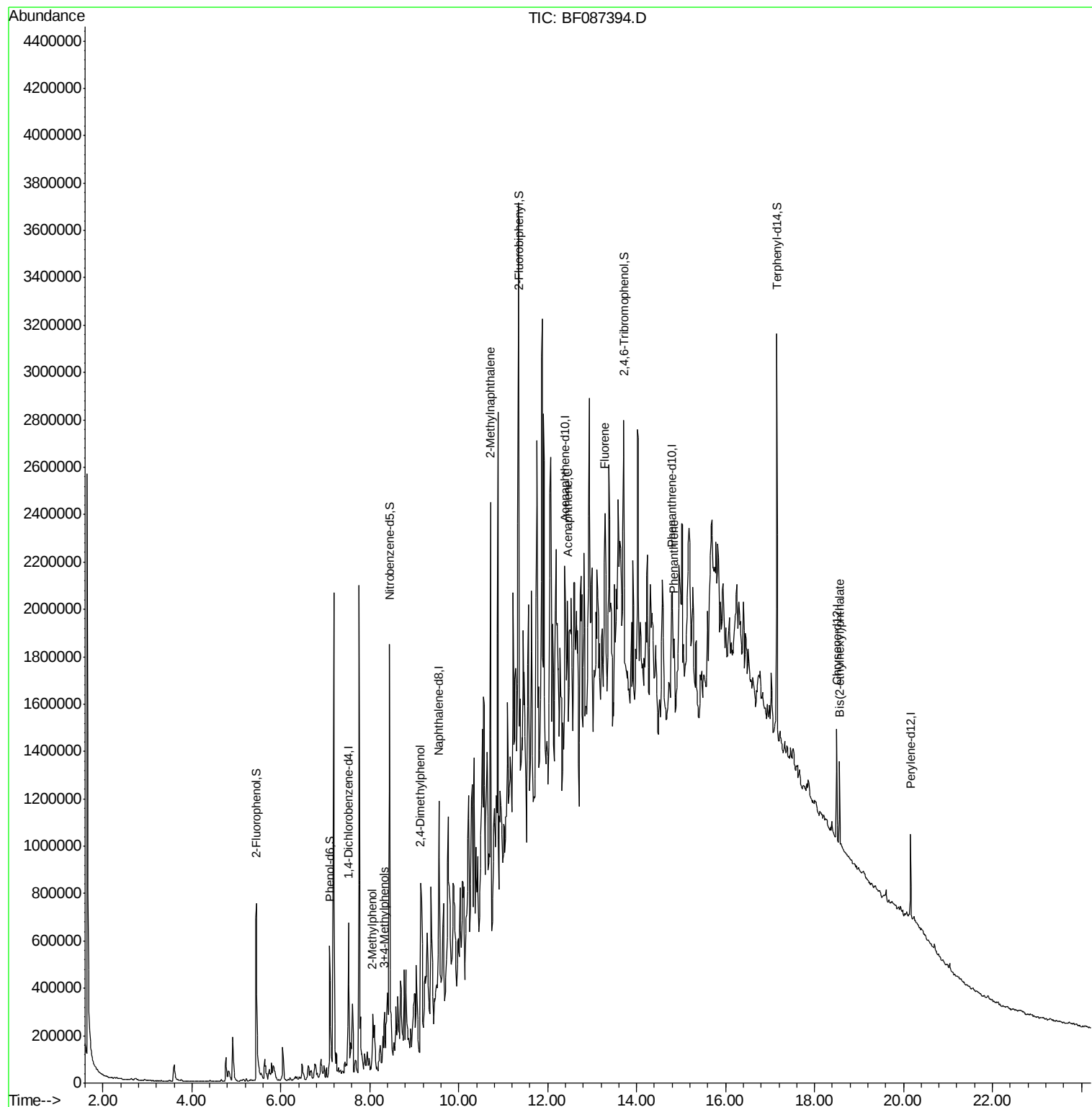
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	103041	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	389347	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	205117	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	233284	20.00	ng	0.02
75) Chrysene-d12	18.50	240	212693	20.00	ng	0.02
86) Perylene-d12	20.16	264	143423	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	388710	66.29	ng	0.03
7) Phenol-d6	7.10	99	324383	40.94	ng	0.02
23) Nitrobenzene-d5	8.44	82	706752	91.48	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	170722	86.61	ng	0.03
44) 2-Fluorobiphenyl	11.35	172	1056824	72.64	ng	0.01
78) Terphenyl-d14	17.15	244	688386	68.81	ng	0.02
Target Compounds						Qvalue
17) 2-Methylphenol	8.07	107	35804	6.11	ng	# 79
20) 3+4-Methylphenols	8.33	107	94265	13.30	ng	# 57
27) 2,4-Dimethylphenol	9.14	122	52971	9.15	ng	# 84
37) 2-Methylnaphthalene	10.72	142	422582	34.67	ng	# 93
51) Acenaphthene	12.45	154	60338	4.69	ng	96
57) Fluorene	13.29	166	96664	6.40	ng	# 94
70) Phenanthrene	14.85	178	156939	12.15	ng	# 92
83) Bis(2-ethylhexyl)phthalate	18.56	149	95913	9.68	ng	95

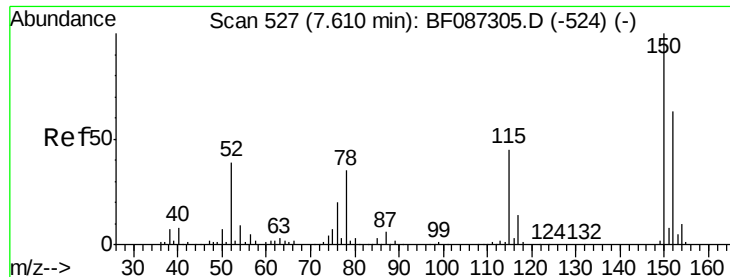
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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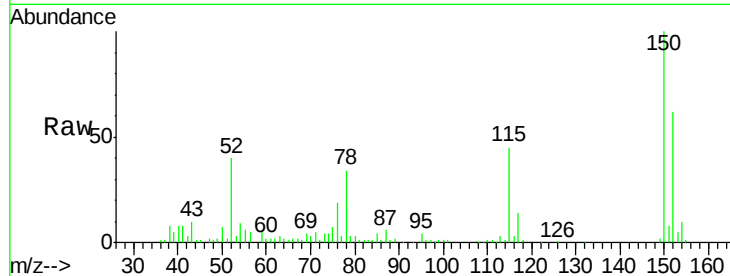


#1

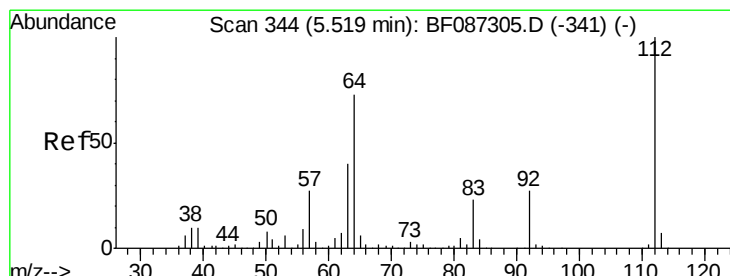
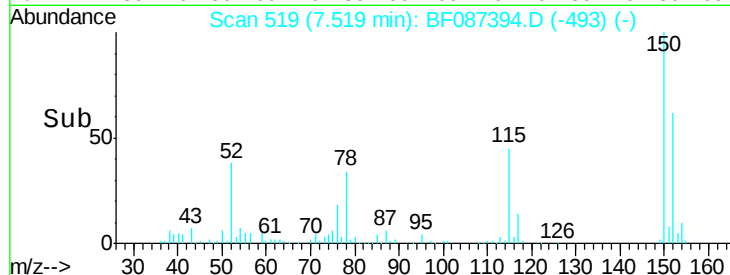
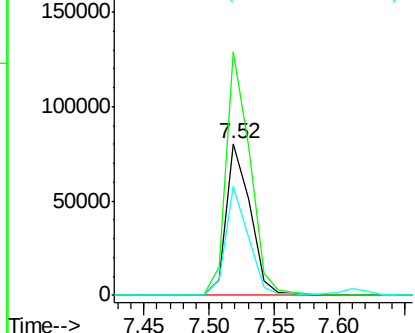
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tot Ion:152 Resp: 103041
Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.6
115 71.7 51.5 77.3



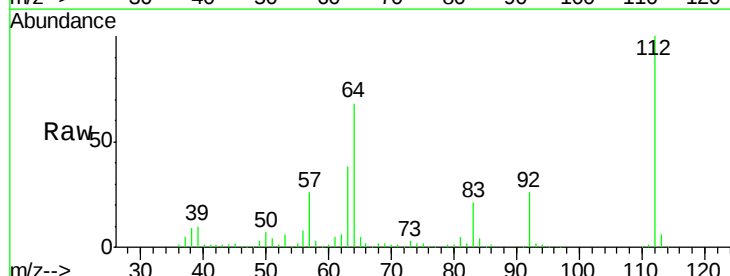
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



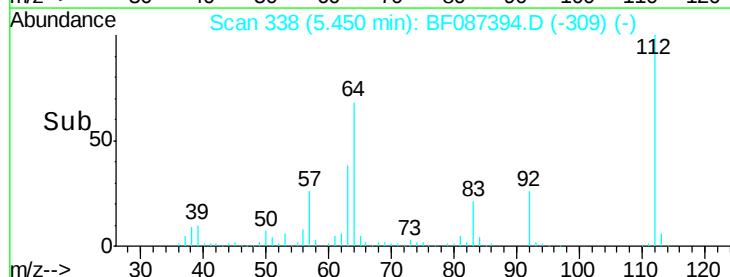
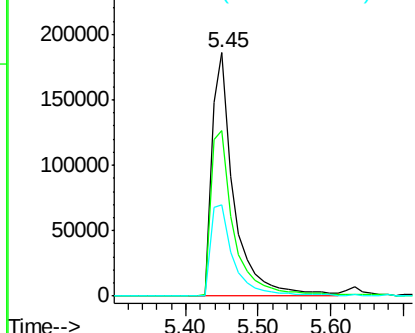
#5

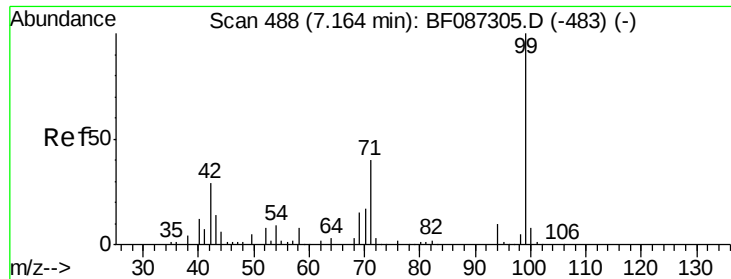
2-Fluorophenol
Concen: 66.29 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.03 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:112 Resp: 388710
Ion Ratio Lower Upper
112 100
64 67.9 52.1 78.1
63 37.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.94 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

VE3-1

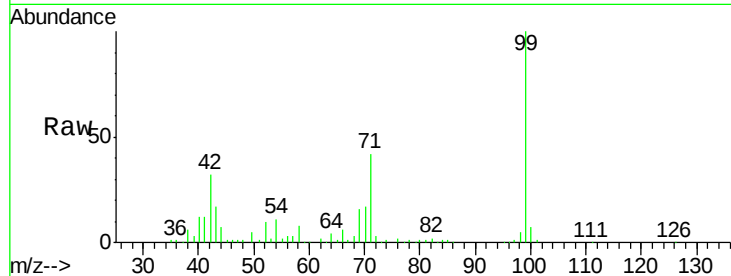
Tot Ion: 99 Resp: 324383

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

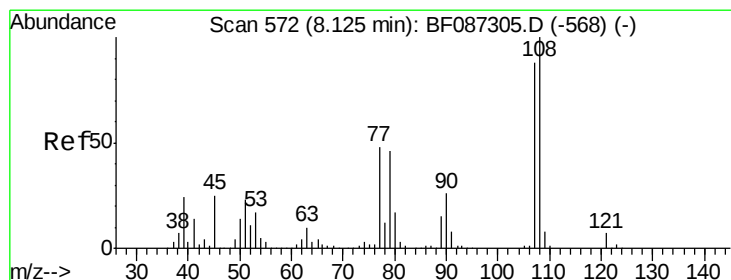
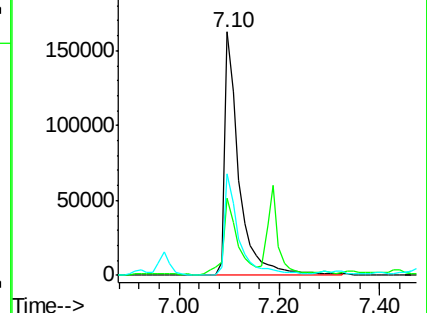
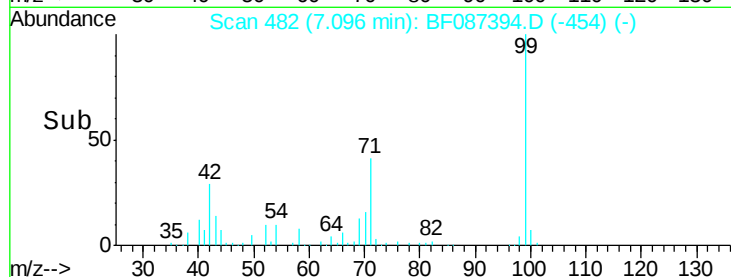
71 42.0 24.6 36.8#



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



#17

2-Methylphenol

Concen: 6.11 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.03 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

Tgt Ion: 107 Resp: 35804

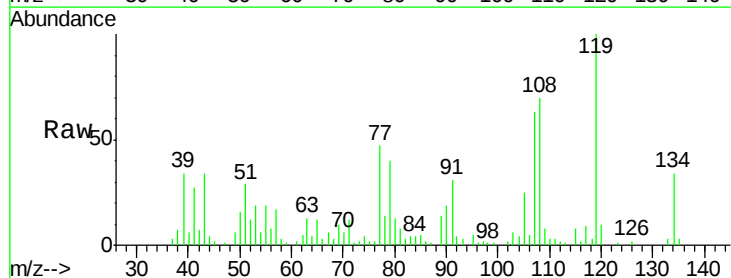
Ion Ratio Lower Upper

107 100

108 111.5 93.7 140.5

77 74.3 33.4 50.0#

79 64.0 34.3 51.5#

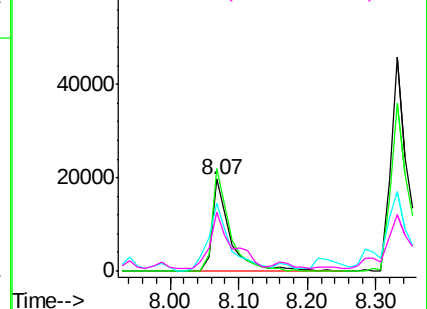
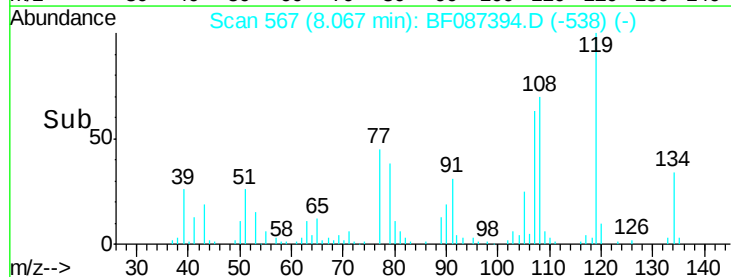


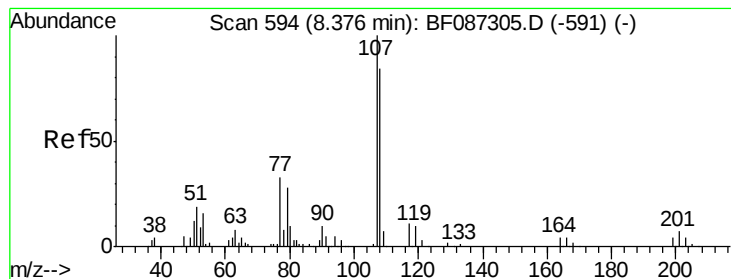
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#20

3+4-Methylphenols

Concen: 13.30 ng

RT: 8.33 min Scan# 590

Delta R.T. 0.03 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

VE3-1

Tot Ion:107 Resp: 94265

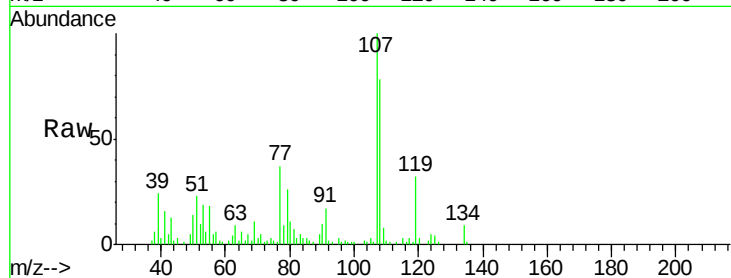
Ion Ratio Lower Upper

107 100

108 78.4 68.5 108.5

77 37.4 101.6 141.6#

79 26.4 7.4 47.4

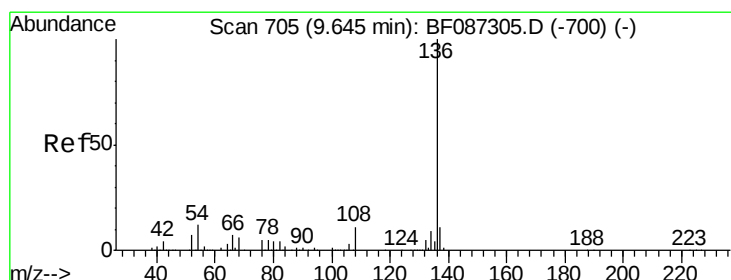
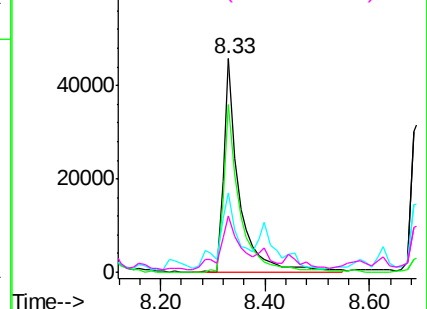
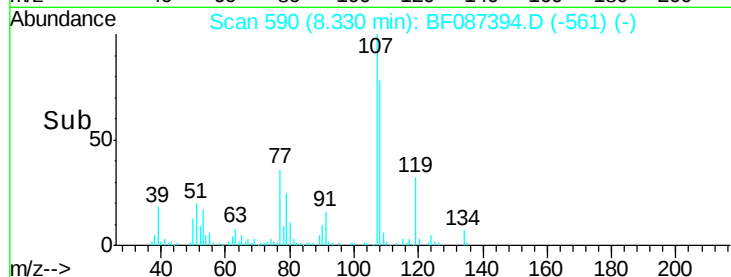


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

Tgt Ion:136 Resp: 389347

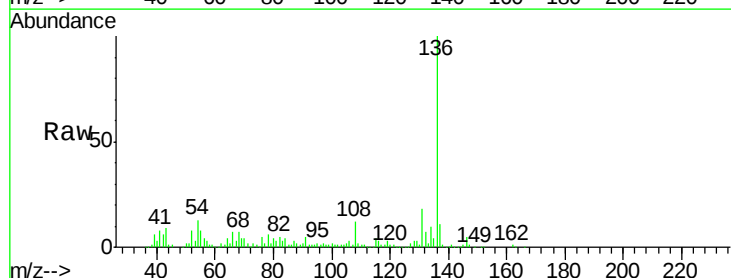
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 12.9 5.0 7.4#

68 6.6 4.4 6.6

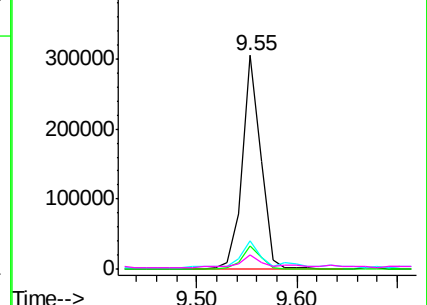
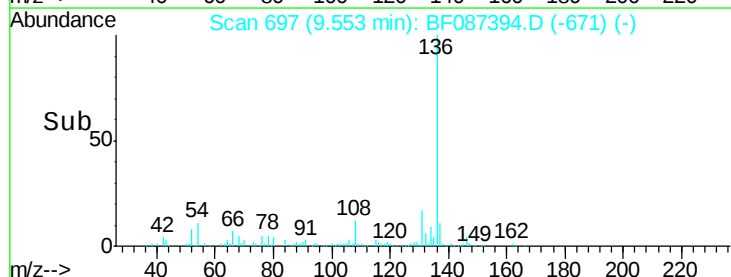


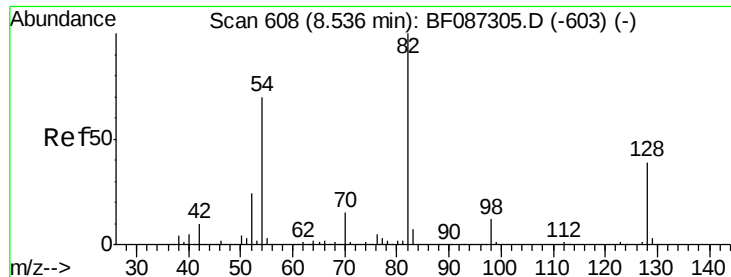
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

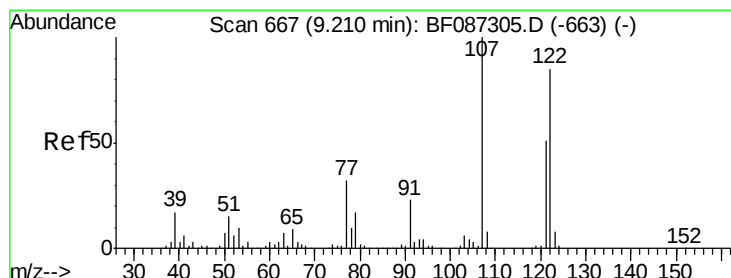
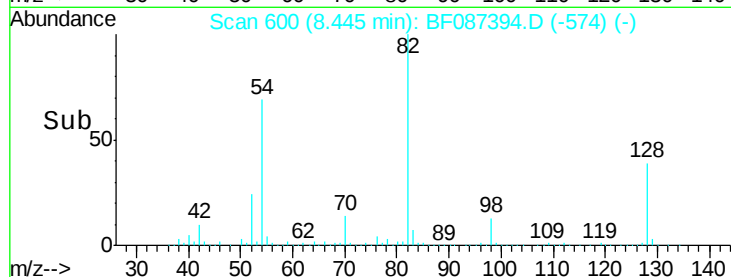
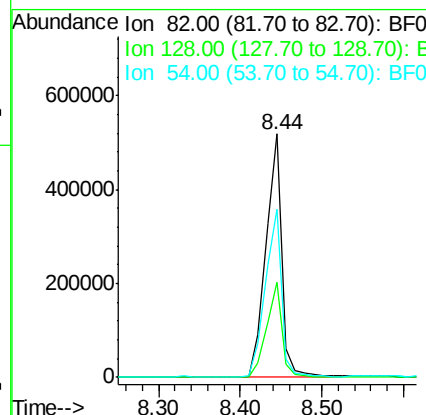
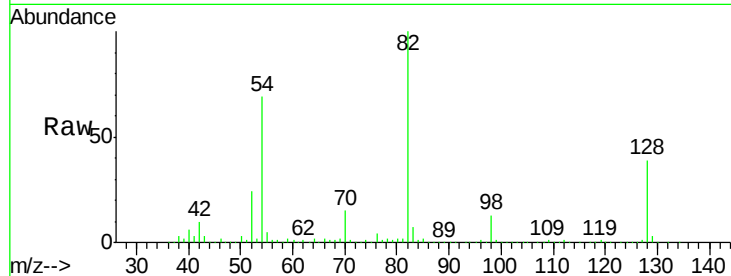




#23
Nitrobenzene-d5
Concen: 91.48 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

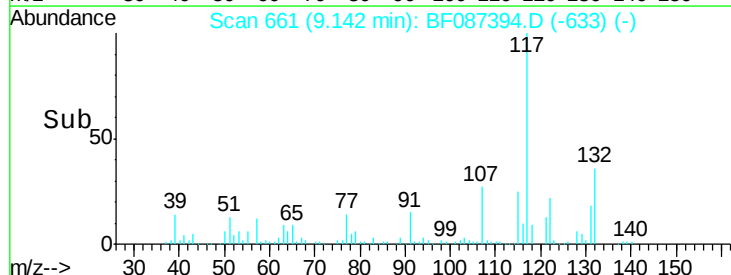
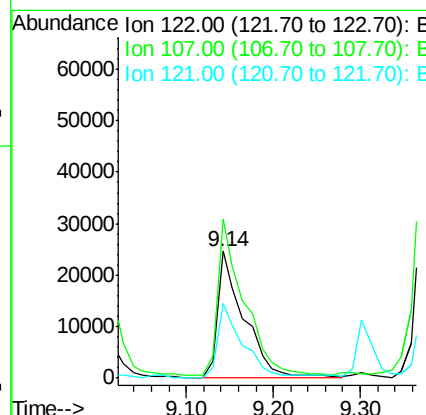
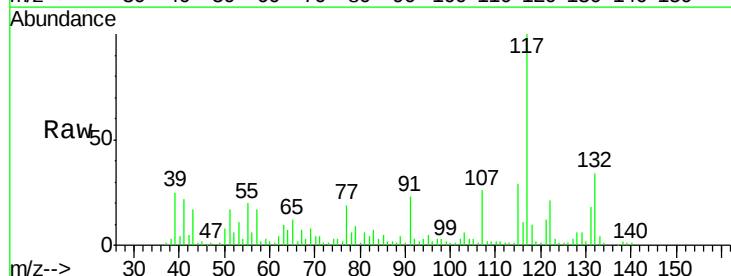
Instrument :
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ClientSampleId :
VE3-1

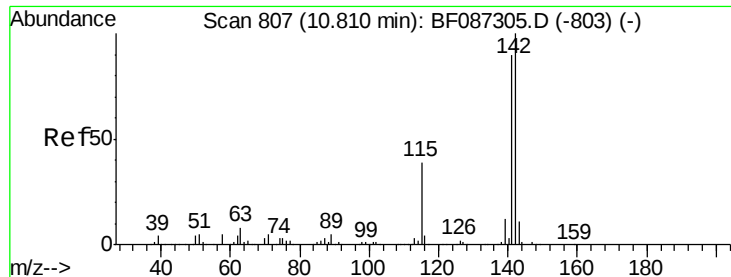
Tot Ion: 82 Resp: 706752
Ion Ratio Lower Upper
82 100
128 39.0 40.6 61.0#
54 69.2 38.1 57.1#



#27
2,4-Dimethylphenol
Concen: 9.15 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion: 122 Resp: 52971
Ion Ratio Lower Upper
122 100
107 125.9 82.0 123.0#
121 59.2 46.1 69.1

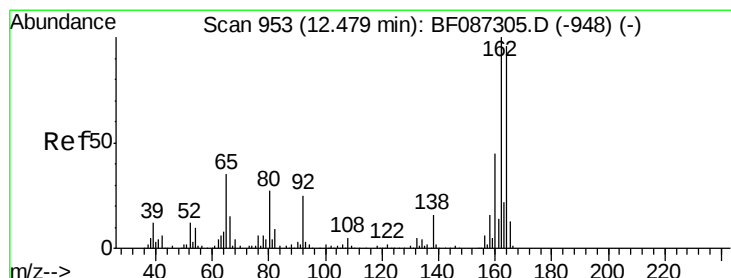
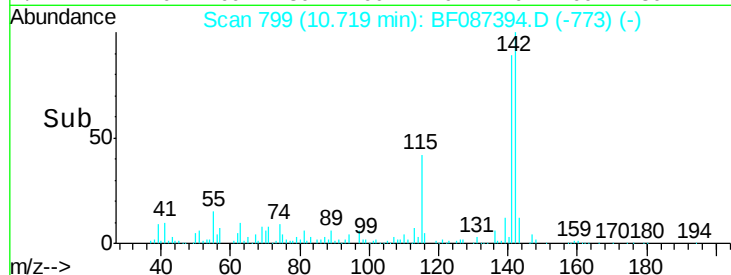
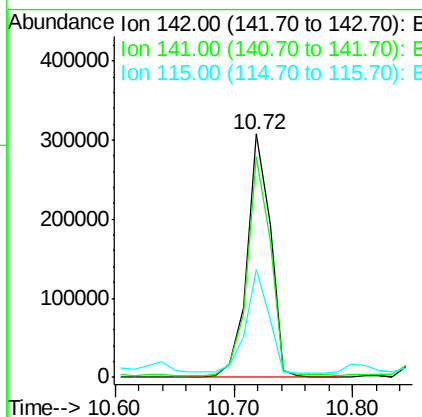
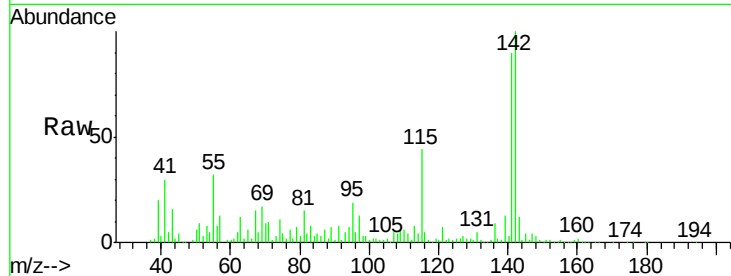




#37
2-Methylnaphthalene
Concen: 34.67 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

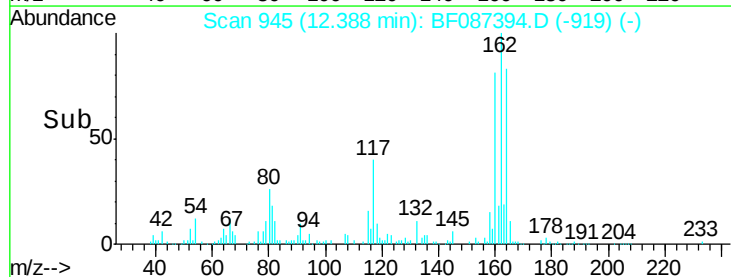
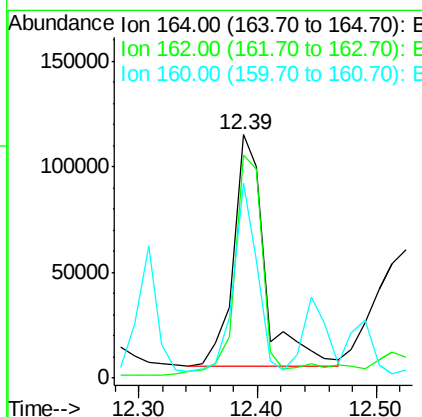
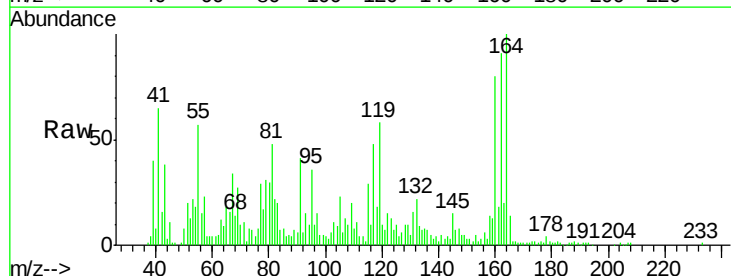
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ClientSampleId :
VE3-1

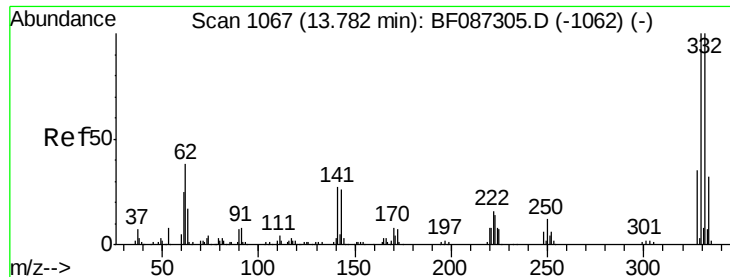
Tot Ion:142 Resp: 422582
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.6
115 44.3 26.6 39.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:164 Resp: 205117
Ion Ratio Lower Upper
164 100
162 91.4 82.8 124.2
160 79.9 36.9 55.3#

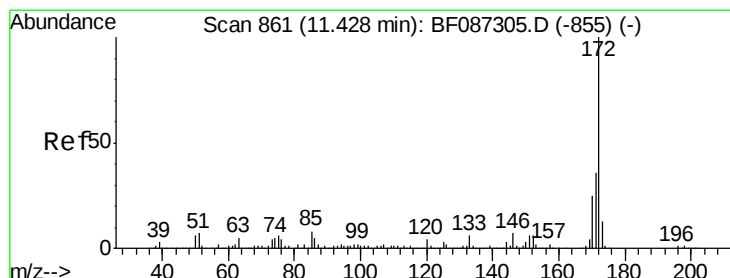
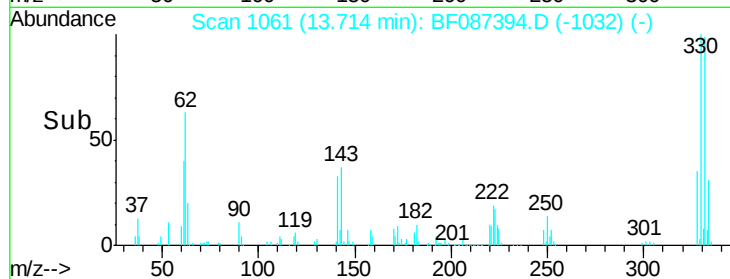
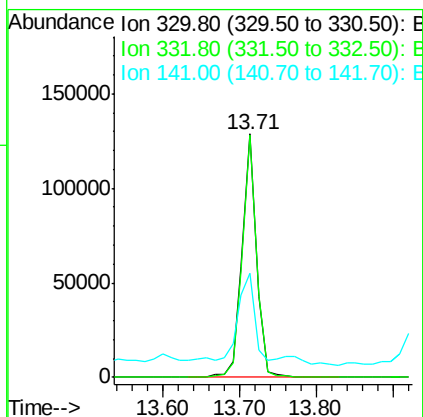
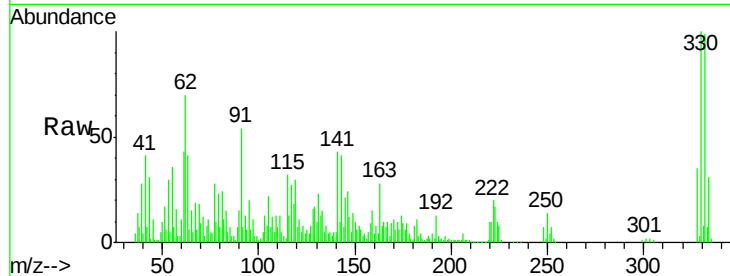




#41
 2,4,6-Tribromophenol
 Concen: 86.61 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.03 min
 Lab File: BF087394.D
 Acq: 26 May 2016 4:11

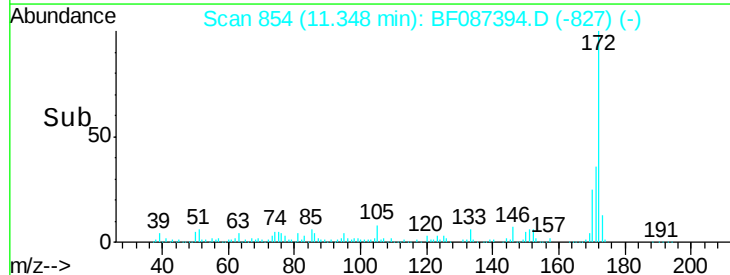
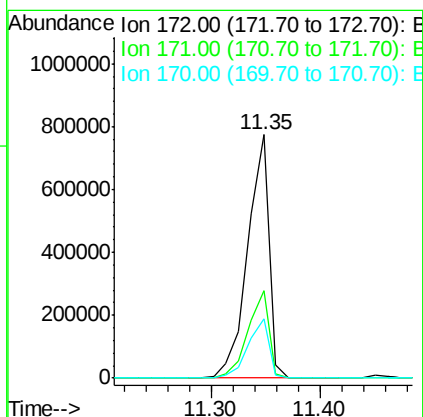
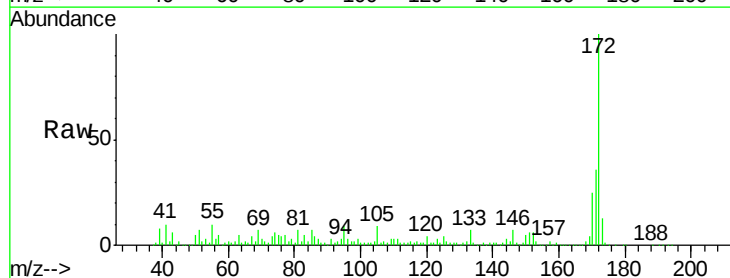
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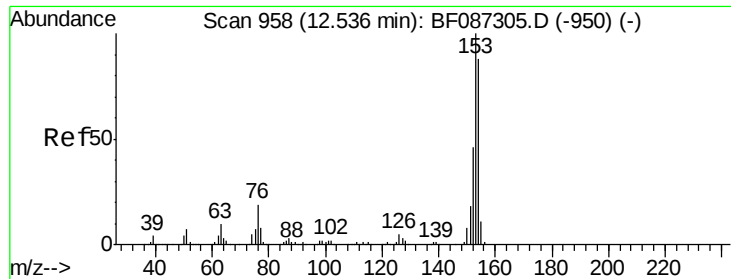
Tot Ion:330 Resp: 170722
 Ion Ratio Lower Upper
 330 100
 332 98.1 79.0 118.4
 141 40.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 72.64 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: BF087394.D
 Acq: 26 May 2016 4:11

Tgt Ion:172 Resp: 1056824
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.6 19.8 29.8





#51

Acenaphthene

Concen: 4.69 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

Instrument :

BNA_F

ClientSampled :

VE3-1

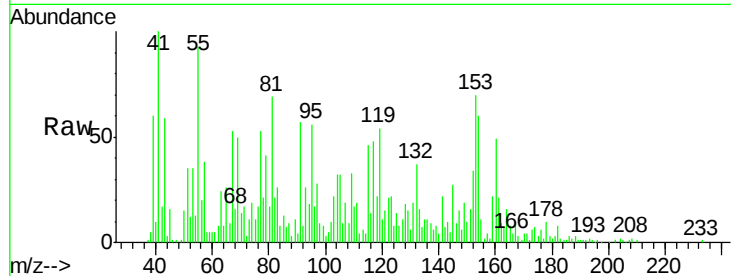
Tot Ion:154 Resp: 60338

Ion Ratio Lower Upper

154 100

153 116.6 89.8 134.6

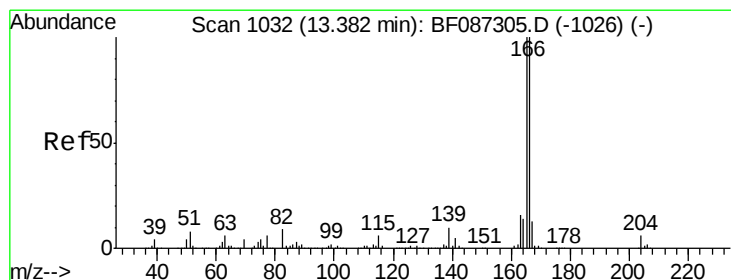
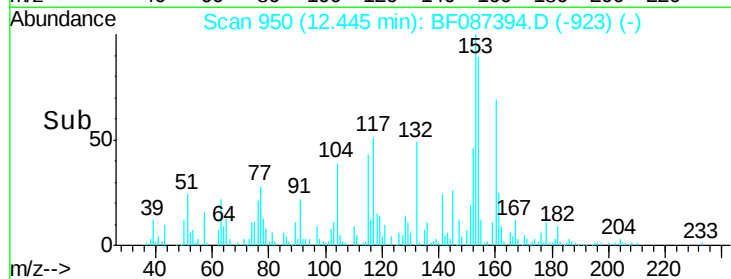
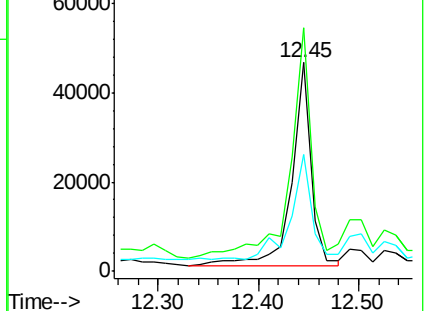
152 56.2 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 6.40 ng

RT: 13.29 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

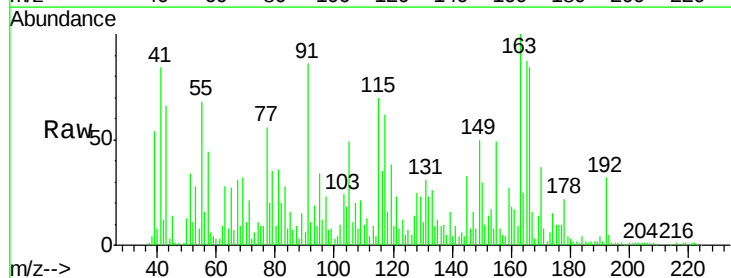
Tgt Ion:166 Resp: 96664

Ion Ratio Lower Upper

166 100

165 103.6 79.0 118.6

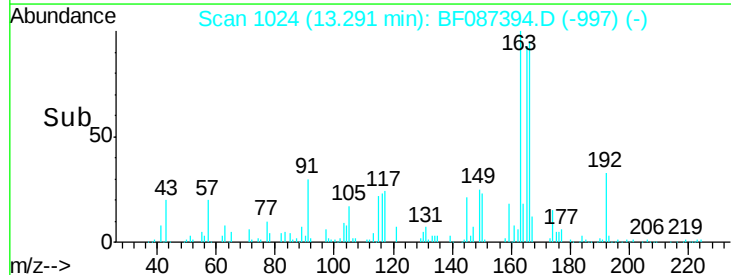
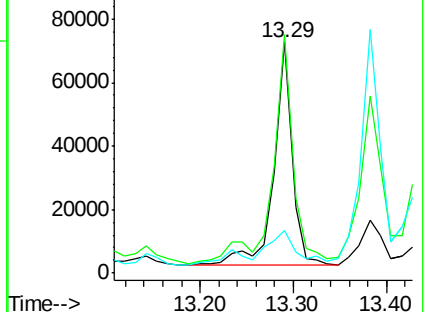
167 18.5 10.6 15.8#

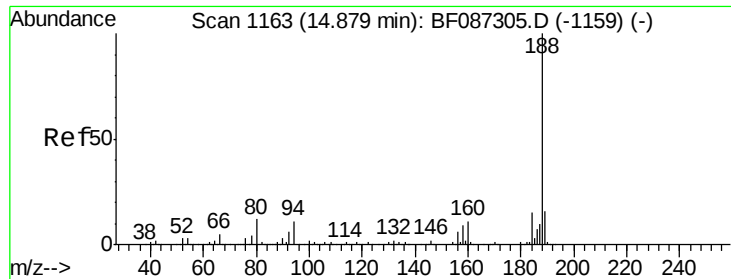


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

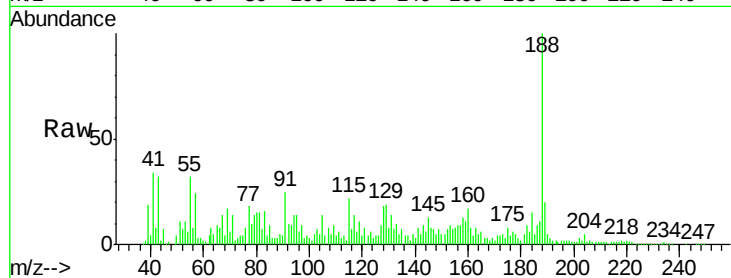




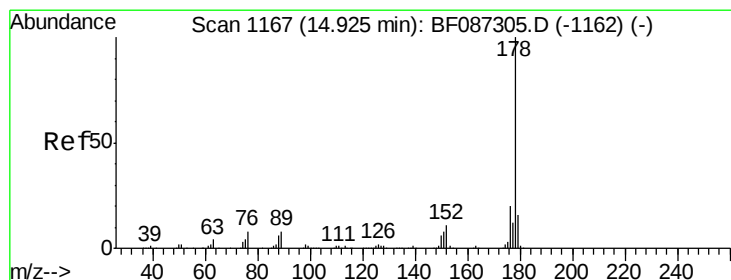
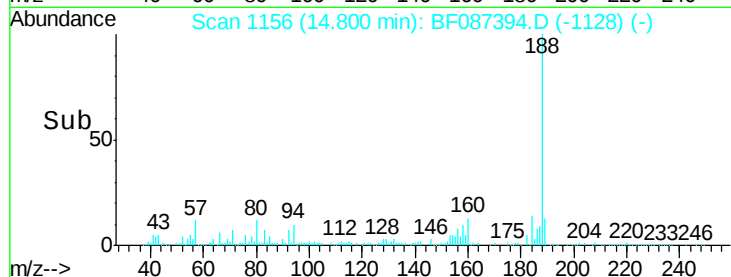
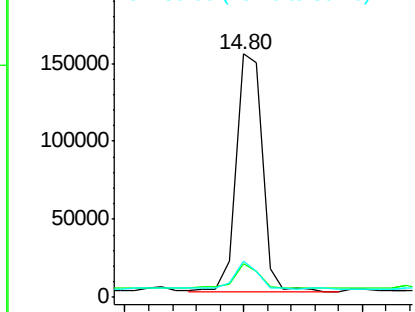
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tot Ion:188 Resp: 233284
Ion Ratio Lower Upper
188 100
94 14.0 6.8 10.2#
80 15.1 7.1 10.7#

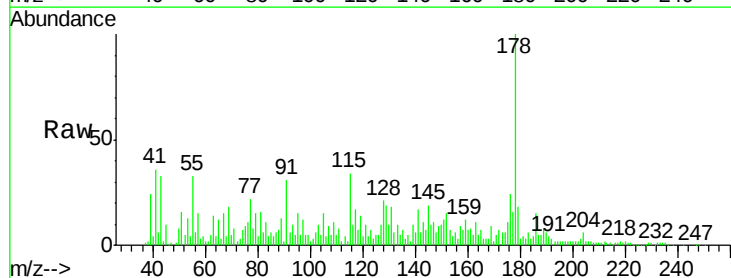


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

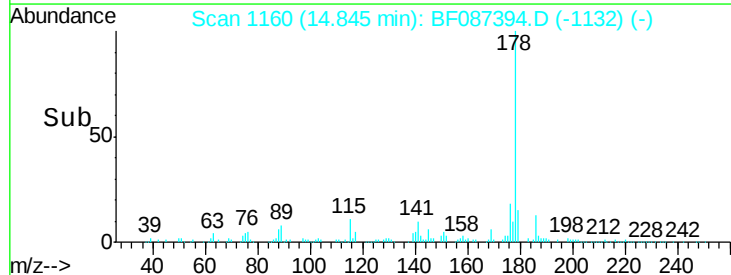
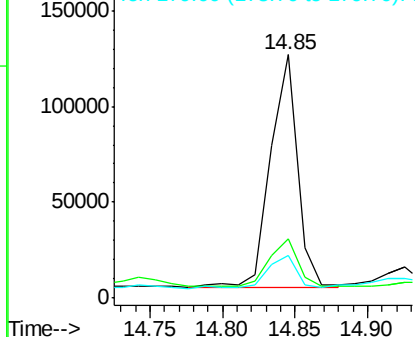


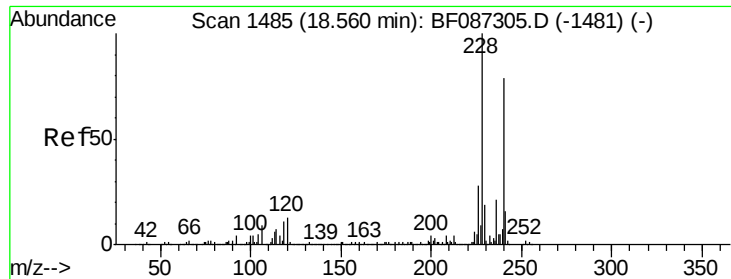
#70
Phenanthrene
Concen: 12.15 ng
RT: 14.85 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:178 Resp: 156939
Ion Ratio Lower Upper
178 100
176 24.4 16.0 24.0#
179 17.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 1480

Delta R.T. 0.02 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

VE3-1

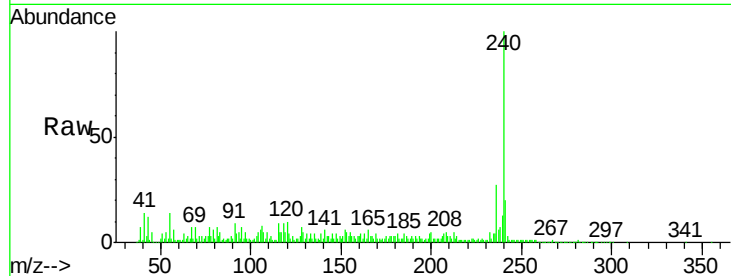
Tot Ion:240 Resp: 212693

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

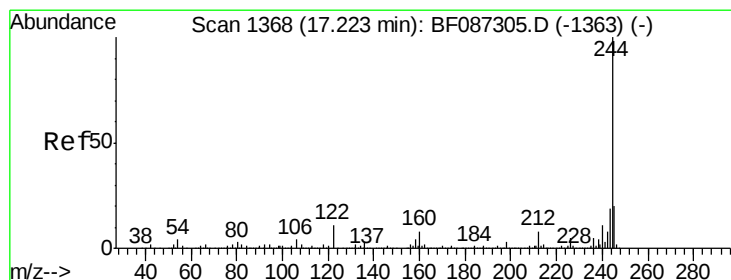
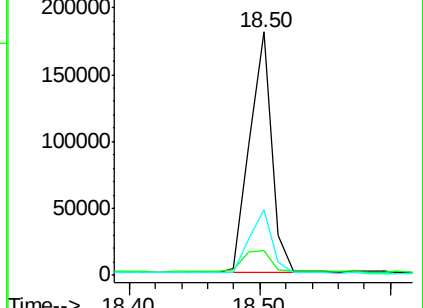
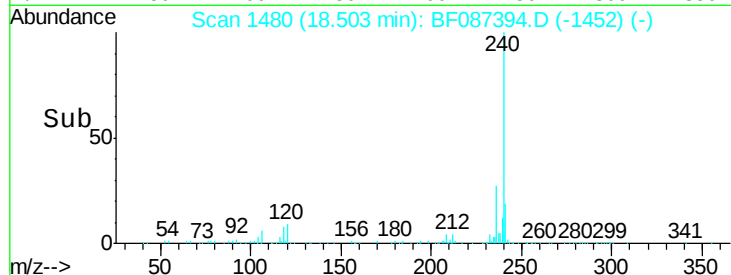
236 27.2 21.2 31.8



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: 68.81 ng

RT: 17.15 min Scan# 1362

Delta R.T. 0.02 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

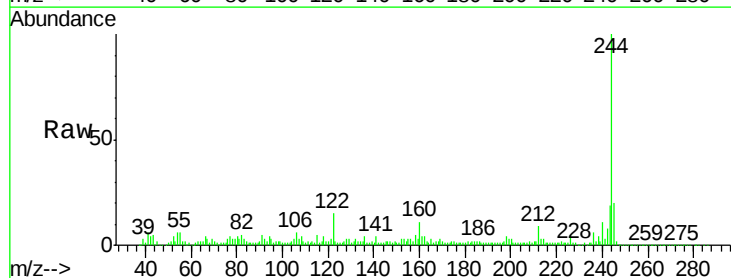
Tgt Ion:244 Resp: 688386

Ion Ratio Lower Upper

244 100

212 9.1 6.2 9.2

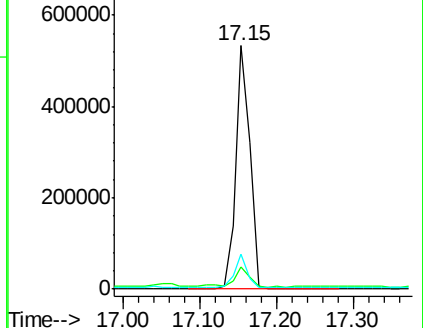
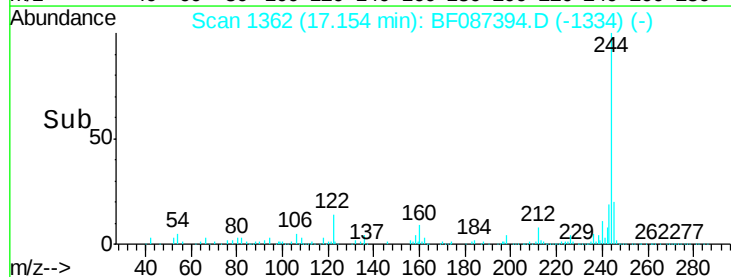
122 14.5 12.0 18.0

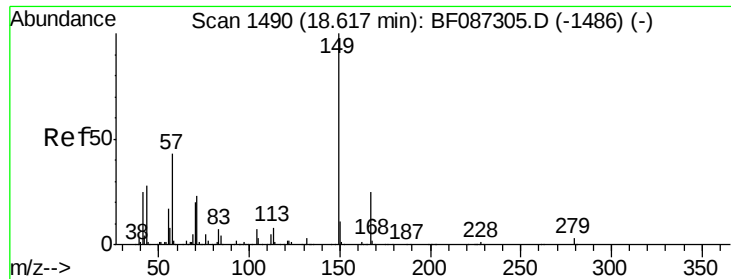


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.68 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.02 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

Instrument :

BNA_F

ClientSampleId :

VE3-1

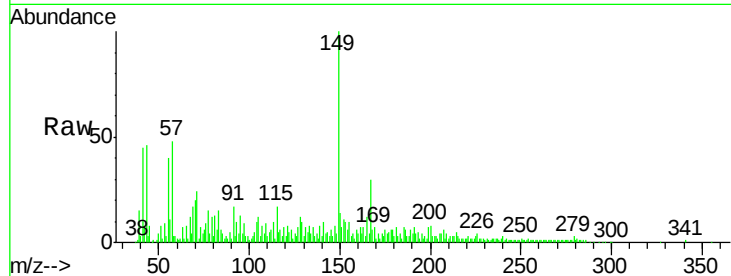
Tot Ion:149 Resp: 95913

Ion Ratio Lower Upper

149 100

167 29.9 21.8 32.6

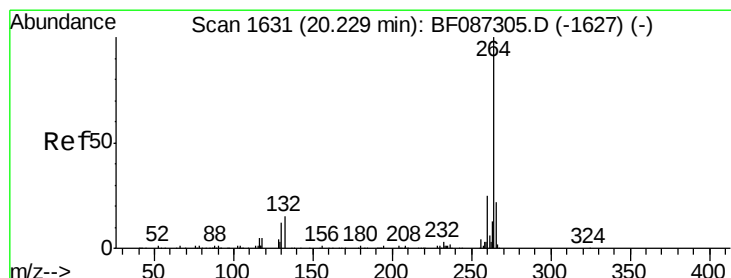
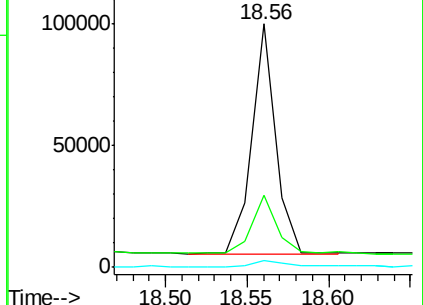
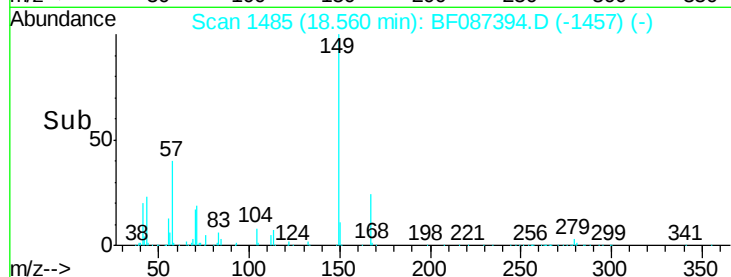
279 2.9 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.16 min Scan# 1625

Delta R.T. 0.02 min

Lab File: BF087394.D

Acq: 26 May 2016 4:11

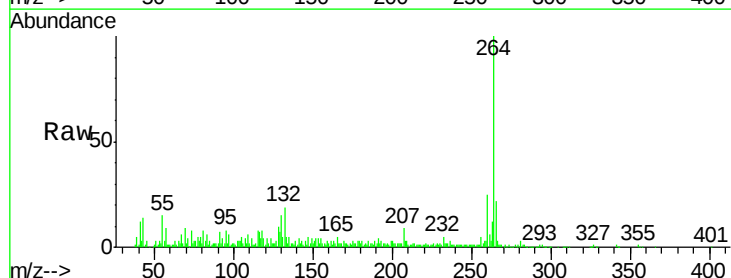
Tgt Ion:264 Resp: 143423

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.1 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

