

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087594.D
 Acq On : 31 May 2016 22:33
 Operator : UM/SJ
 Sample : H3222-17RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Jun 01 00:54:06 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

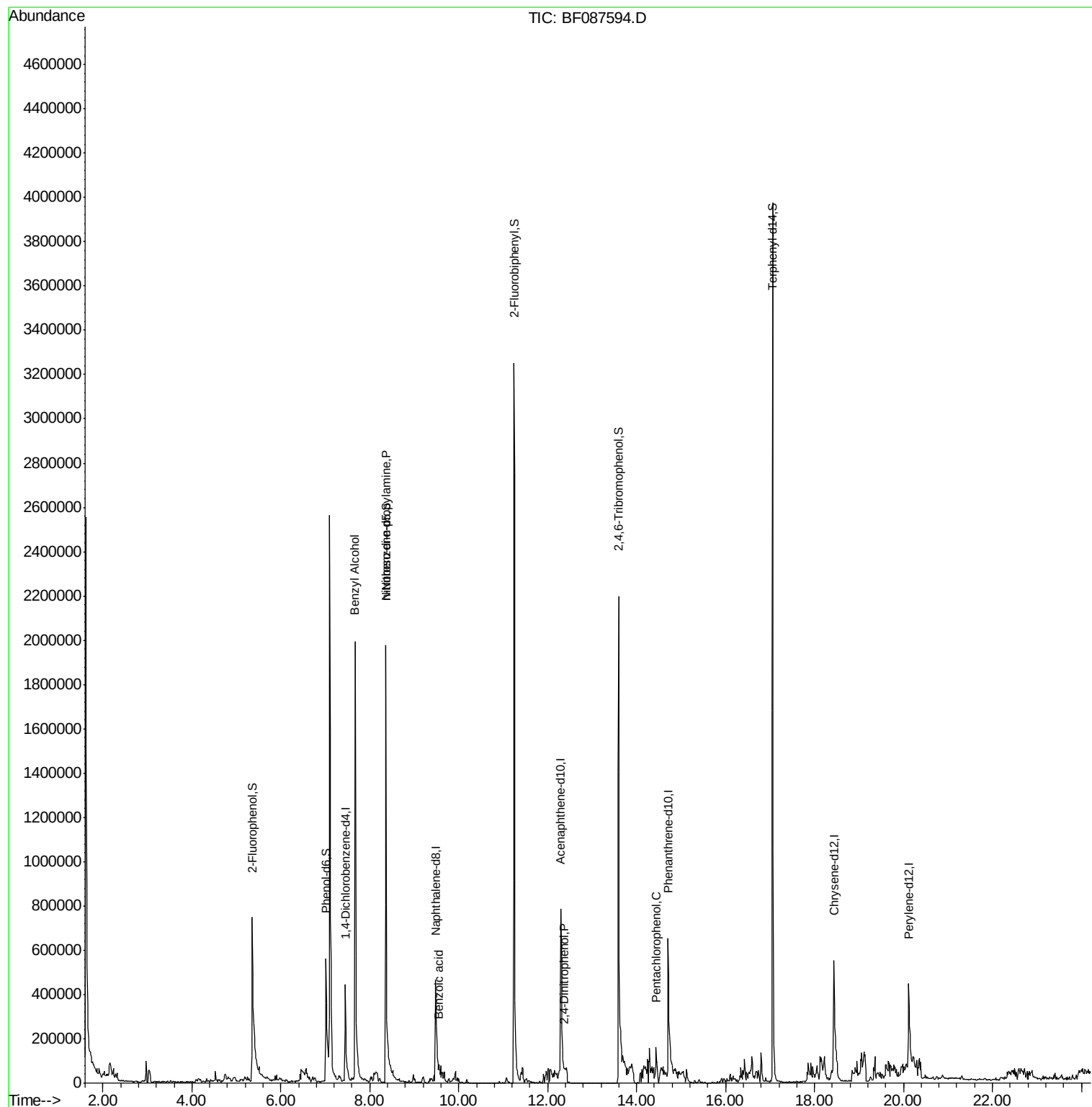
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	120258	20.00	ng	-0.07
21) Naphthalene-d8	9.48	136	505748	20.00	ng	-0.07
38) Acenaphthene-d10	12.30	164	248757	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	493245	20.00	ng	-0.07
75) Chrysene-d12	18.43	240	436515	20.00	ng	-0.05
86) Perylene-d12	20.11	264	327794	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	517474	75.61	ng	-0.06
7) Phenol-d6	7.02	99	419299	45.34	ng	-0.06
23) Nitrobenzene-d5	8.36	82	1002565	99.91	ng	-0.08
41) 2,4,6-Tribromophenol	13.60	330	369945	154.76	ng	-0.08
44) 2-Fluorobiphenyl	11.24	172	1696144	96.13	ng	-0.09
78) Terphenyl-d14	17.06	244	1496391	72.88	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	7.67	79	17850	2.65	ng	# 47
19) n-Nitroso-di-n-propylamine	8.36	70	122482	17.76	ng	# 75
32) Benzoic acid	9.55	122	1001	6.05	ng	# 21
53) 2,4-Dinitrophenol	12.37	184	455	6.75	ng	# 45
69) Pentachlorophenol	14.43	266	219	6.29	ng	# 1

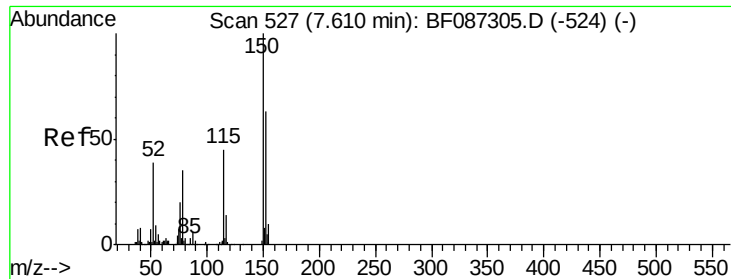
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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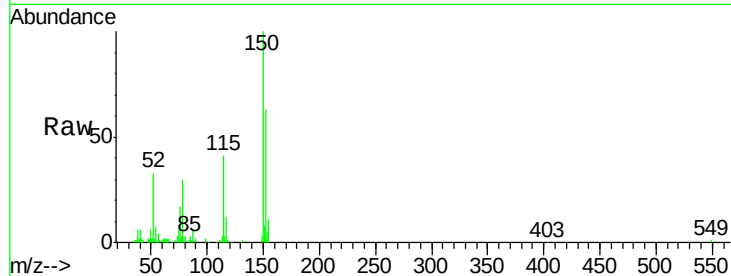


#1

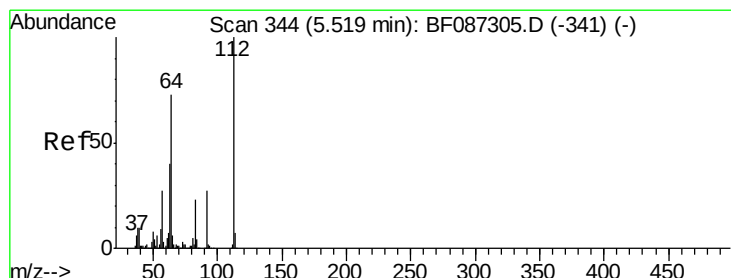
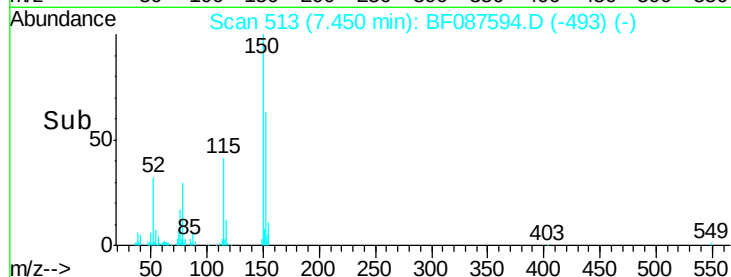
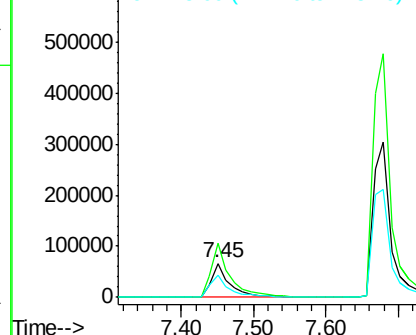
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:152 Resp: 120258
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 64.7 51.5 77.3



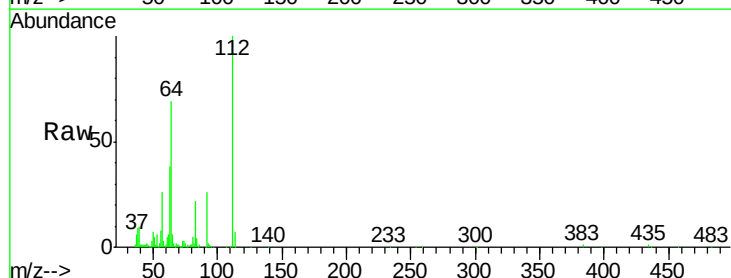
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



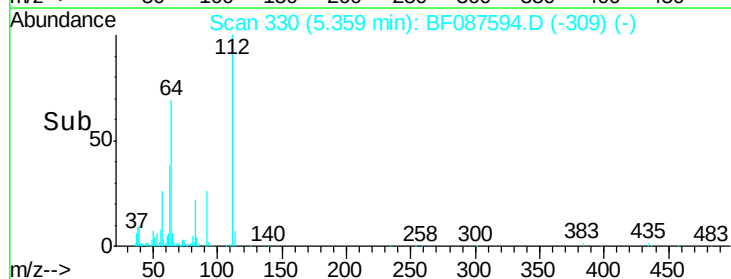
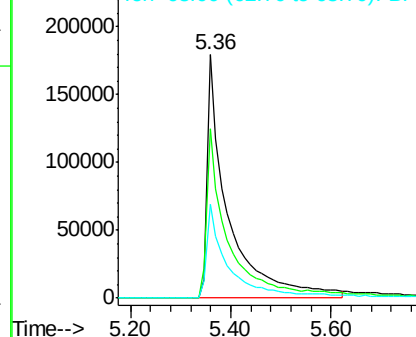
#5

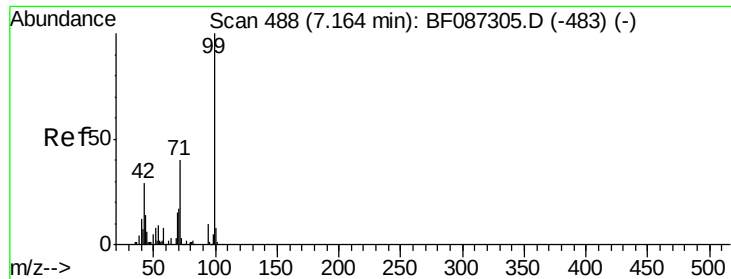
2-Fluorophenol
Concen: 75.61 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.06 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

Tgt Ion:112 Resp: 517474
Ion Ratio Lower Upper
112 100
64 69.5 52.1 78.1
63 38.5 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: 45.34 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Instrument :

BNA_F

ClientSampleId :

MW-19

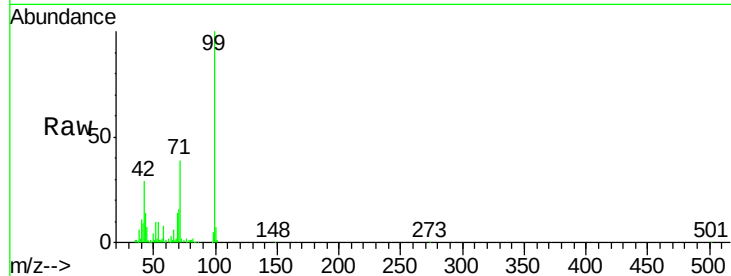
Tgt Ion: 99 Resp: 419299

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

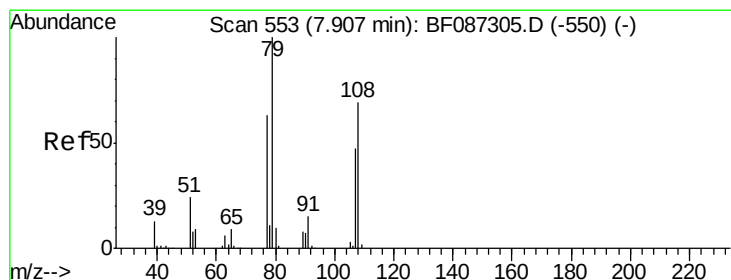
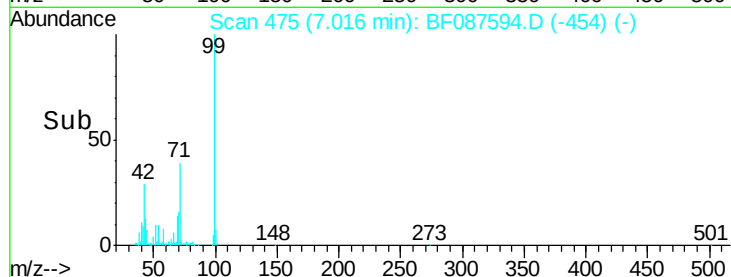
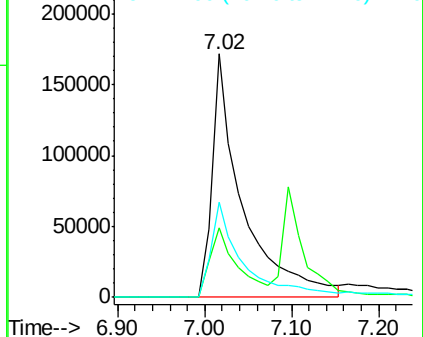
71 39.0 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.65 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.15 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

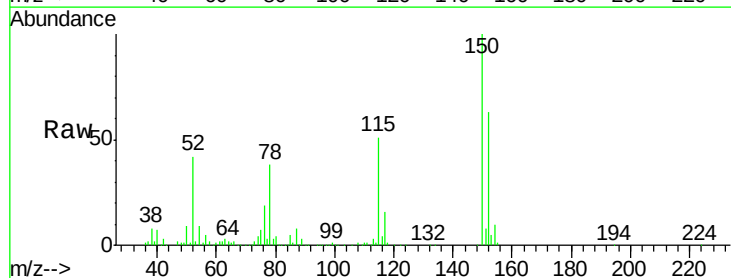
Tgt Ion: 79 Resp: 17850

Ion Ratio Lower Upper

79 100

108 27.1 68.4 102.6#

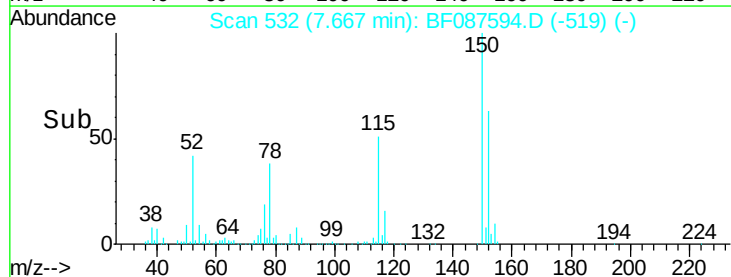
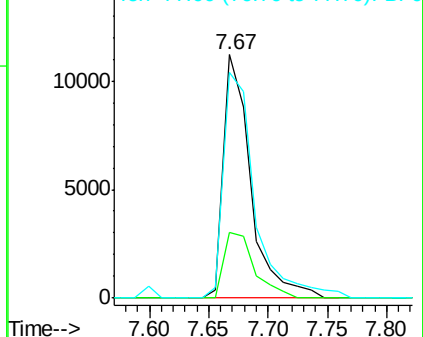
77 92.9 50.6 76.0#

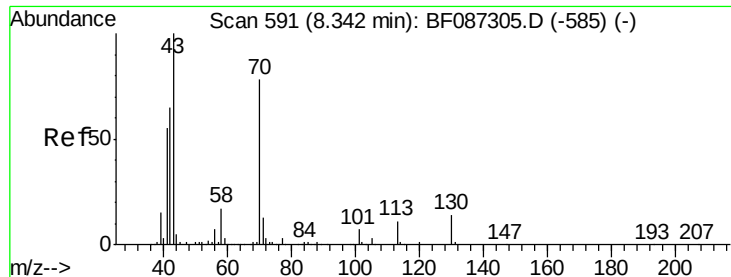


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

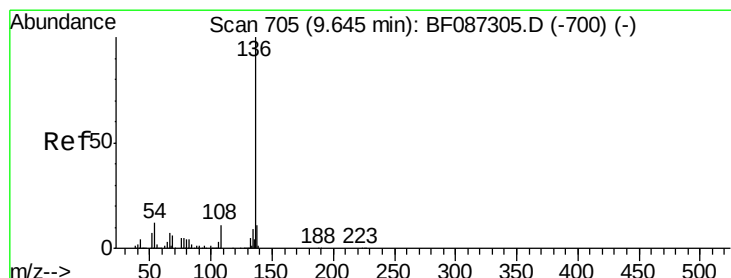
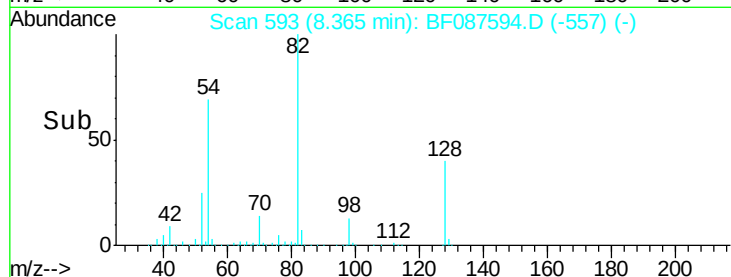
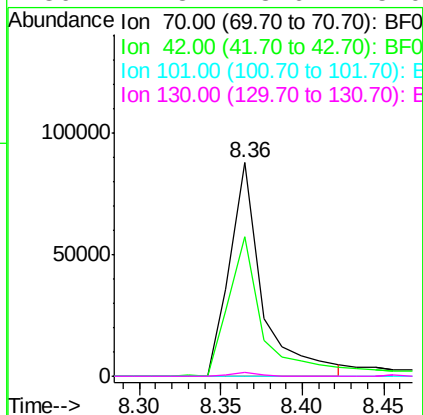
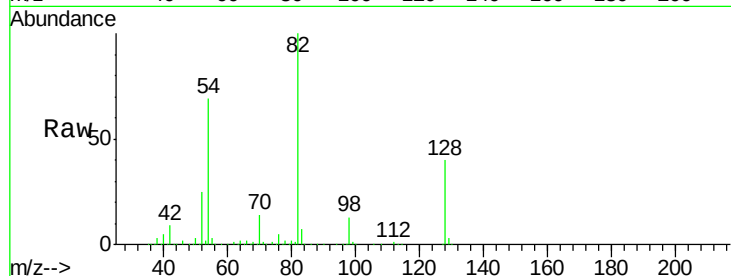




#19
n-Nitroso-di-n-propylamine
Concen: 17.76 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.11 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

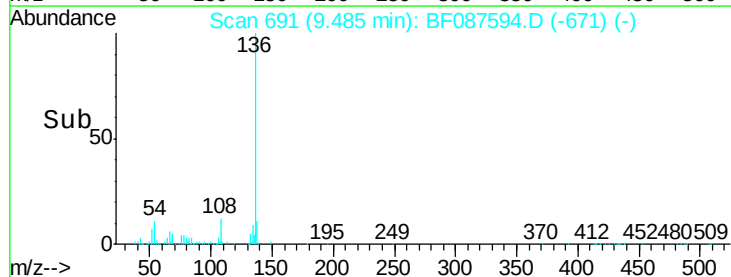
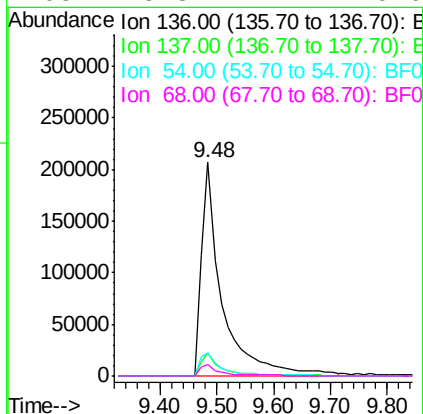
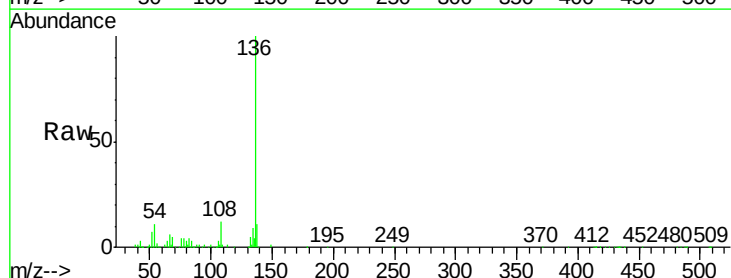
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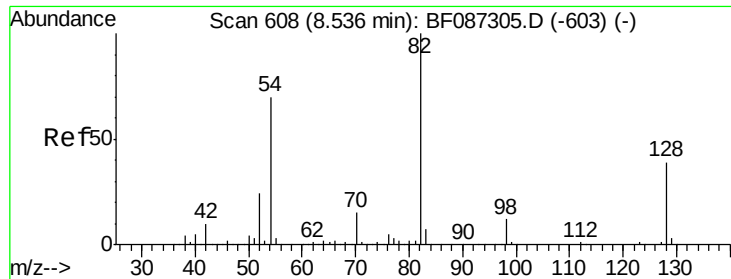
Tgt Ion: 70 Resp: 122482
Ion Ratio Lower Upper
70 100
42 65.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

Tgt Ion: 136 Resp: 505748
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.8 5.0 7.4#
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 99.91 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.08 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Instrument :

BNA_F

ClientSampleId :

MW-19

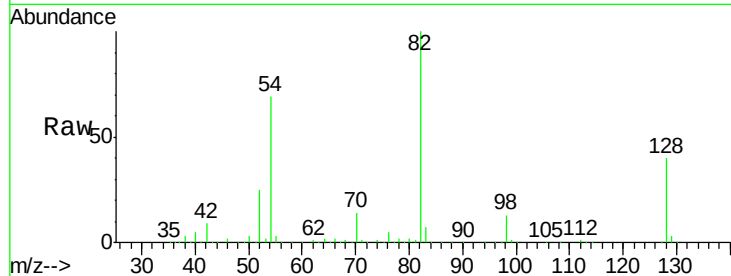
Tgt Ion: 82 Resp: 1002565

Ion Ratio Lower Upper

82 100

128 39.9 40.6 61.0#

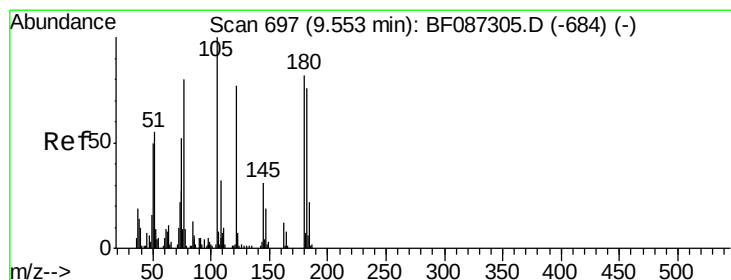
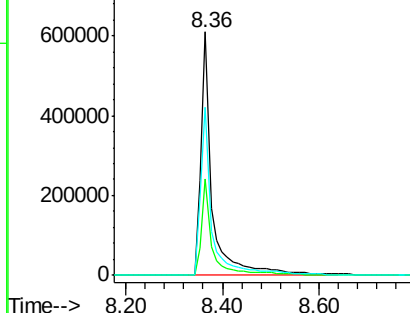
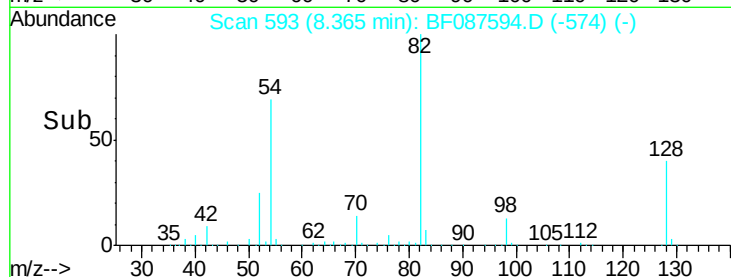
54 69.2 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 6.05 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.10 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

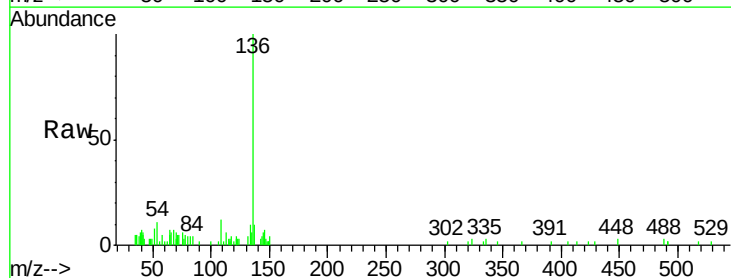
Tgt Ion: 122 Resp: 1001

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

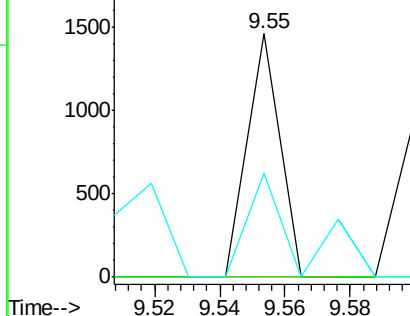
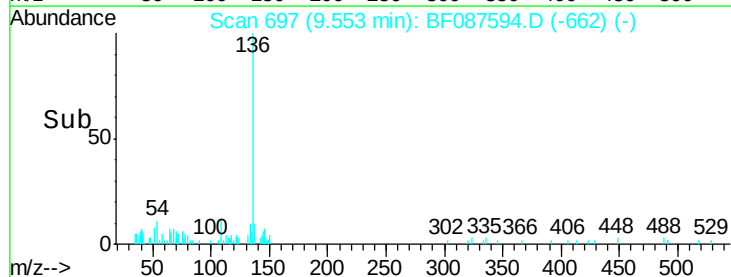
77 42.8 60.0 100.0#

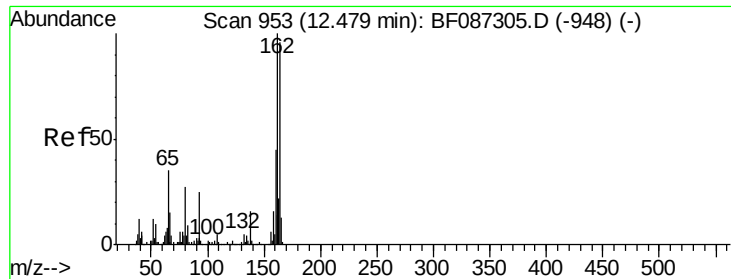


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

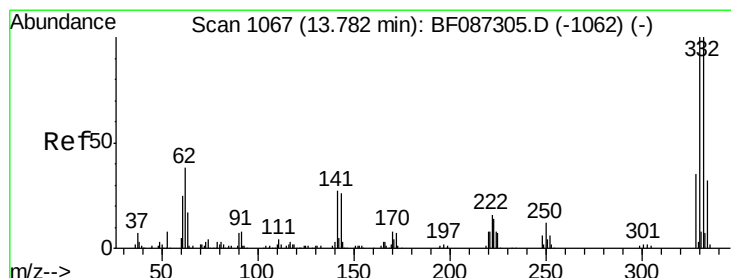
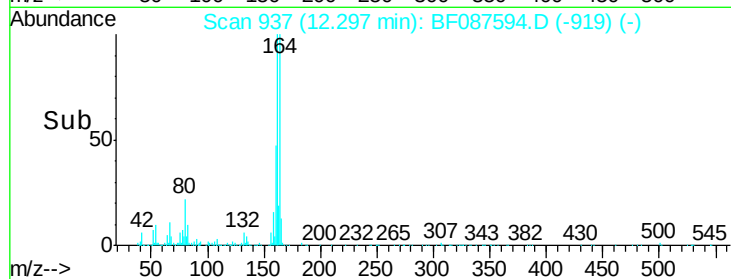
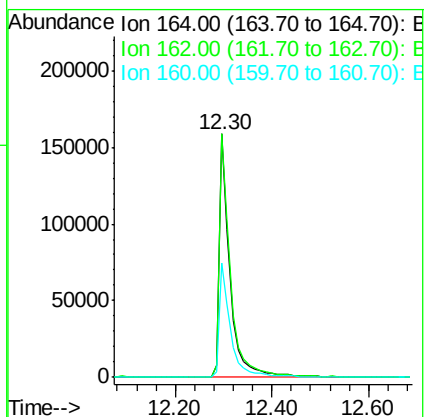
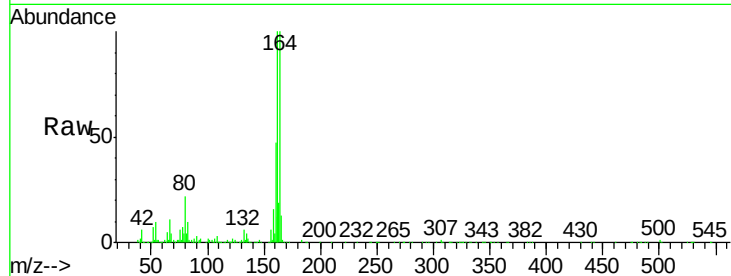




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

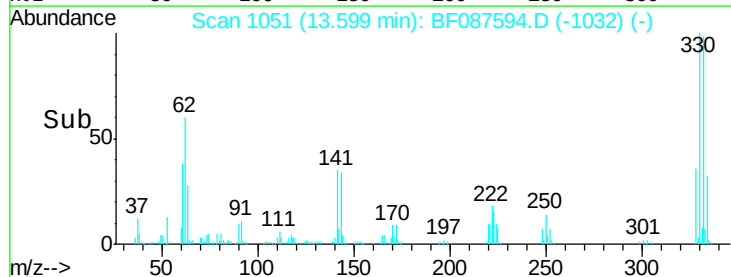
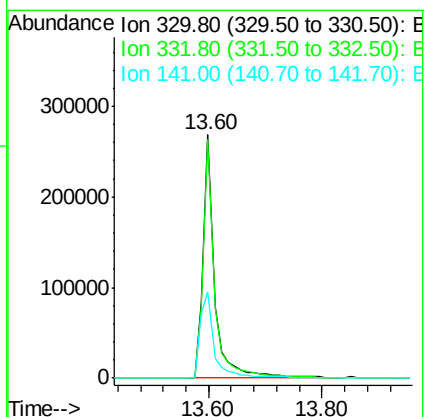
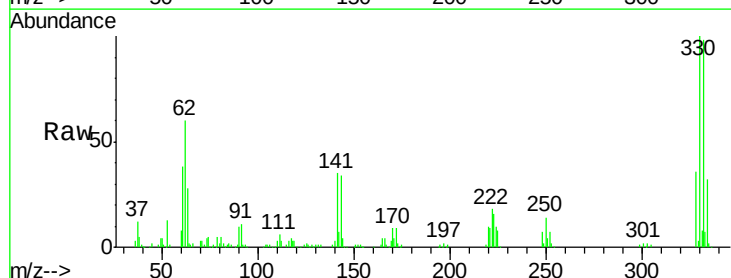
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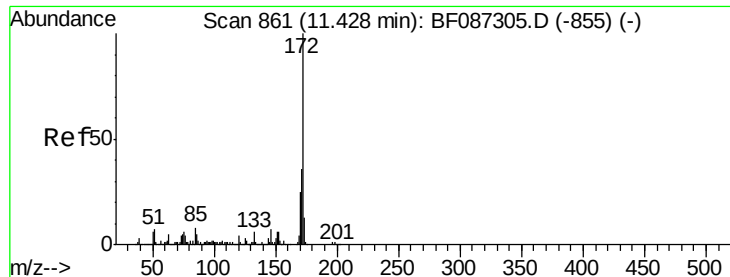
Tgt Ion:164 Resp: 248757
Ion Ratio Lower Upper
164 100
162 100.1 82.8 124.2
160 47.0 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 154.76 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.08 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

Tgt Ion:330 Resp: 369945
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 43.7 31.2 46.8

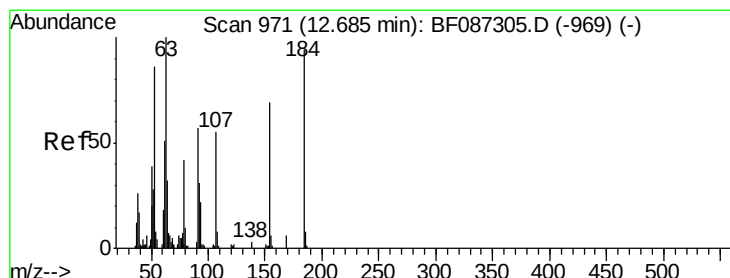
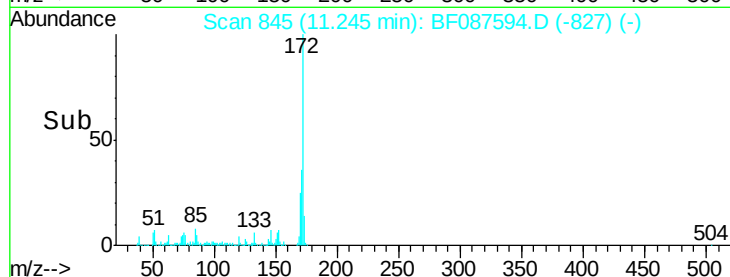
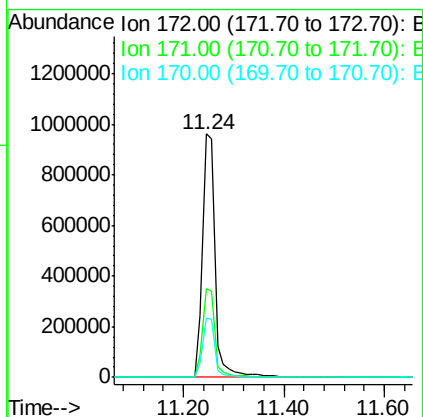
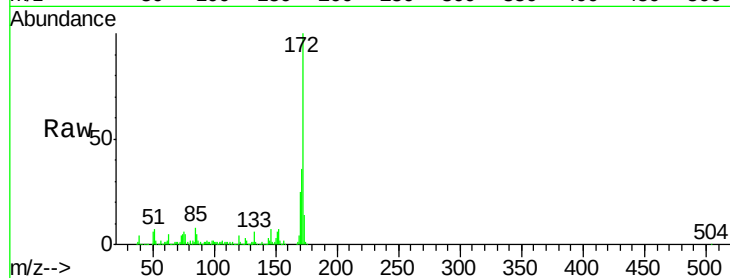




#44
 2-Fluorobiphenyl
 Concen: 96.13 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.09 min
 Lab File: BF087594.D
 Acq: 31 May 2016 22:33

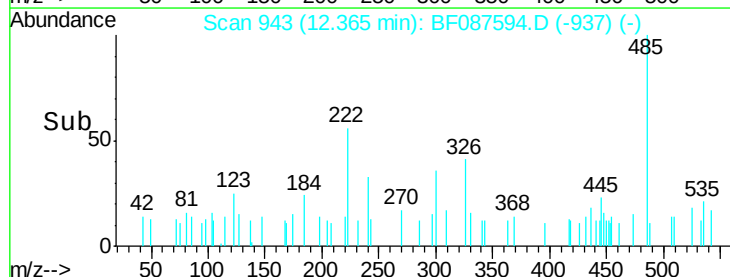
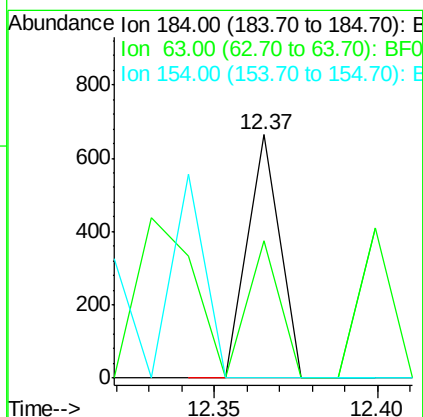
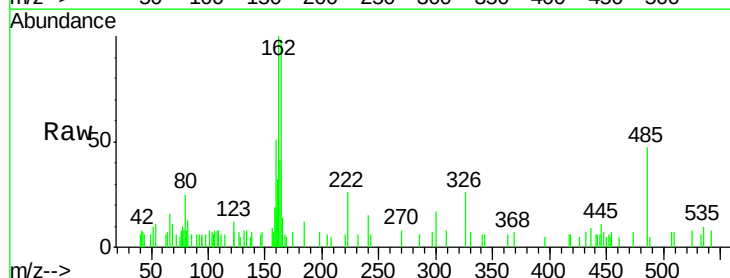
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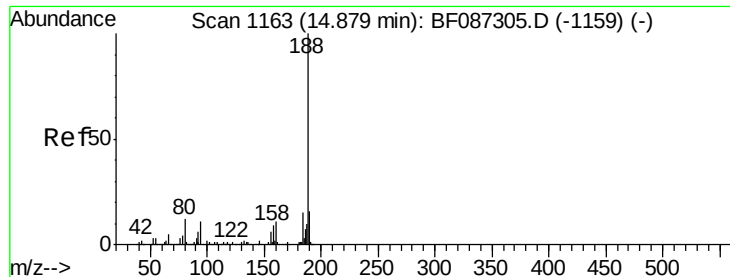
Tgt Ion:172 Resp: 1696144
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 19.8 29.8



#53
 2,4-Dinitrophenol
 Concen: 6.75 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.23 min
 Lab File: BF087594.D
 Acq: 31 May 2016 22:33

Tgt Ion:184 Resp: 455
 Ion Ratio Lower Upper
 184 100
 63 56.5 55.8 83.8
 154 0.0 62.4 93.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Instrument :

BNA_F

ClientSampleId :

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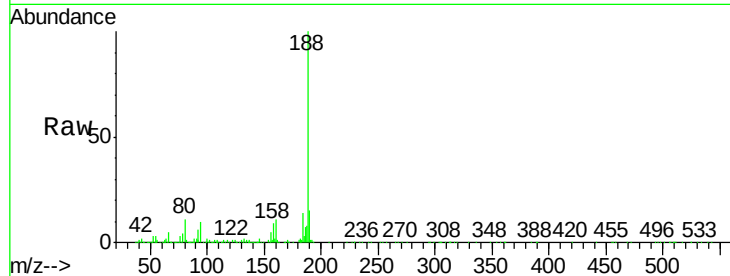
Tgt Ion:188 Resp: 493245

Ion Ratio Lower Upper

188 100

94 10.5 6.8 10.2#

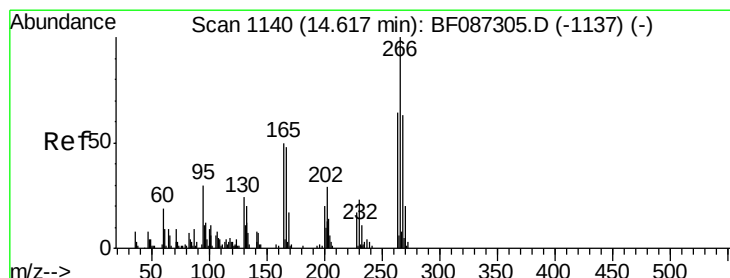
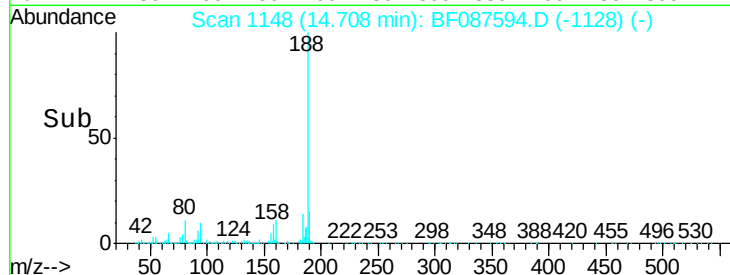
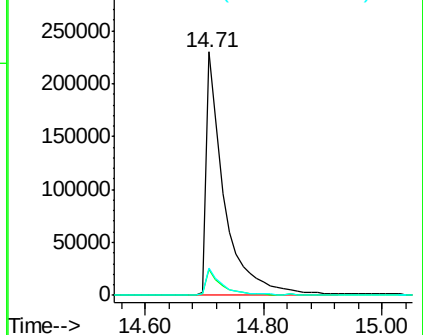
80 11.3 7.1 10.7#



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



#69

Pentachlorophenol

Concen: 6.29 ng

RT: 14.43 min Scan# 1124

Delta R.T. -0.08 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

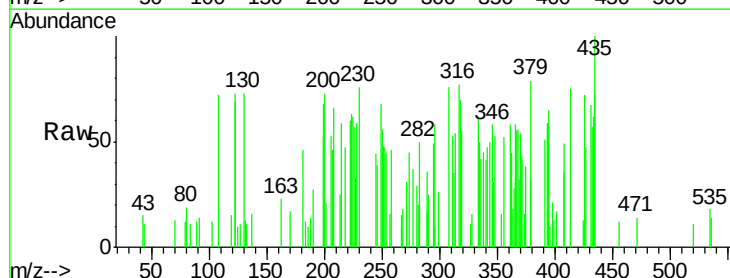
Tgt Ion:266 Resp: 219

Ion Ratio Lower Upper

266 100

268 171.8 51.5 77.3#

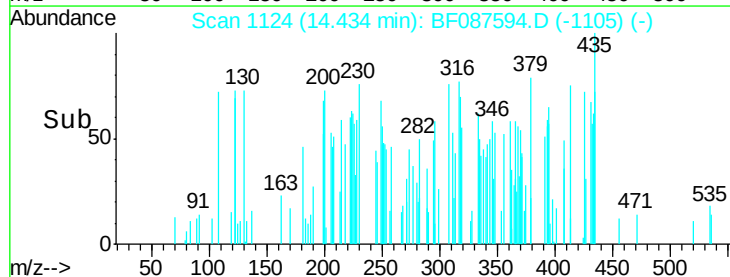
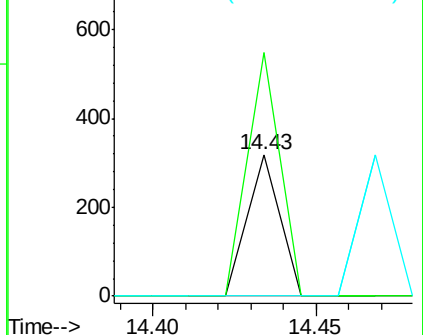
264 0.0 52.9 79.3#

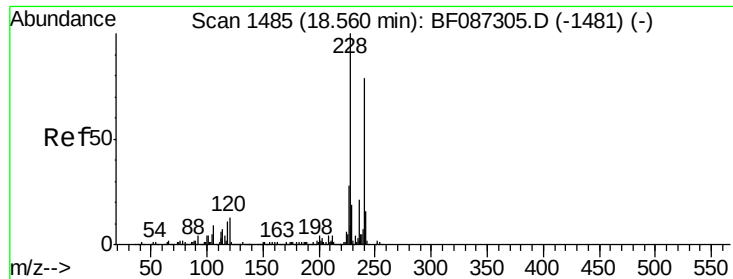


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

Instrument :

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ClientSampleId :

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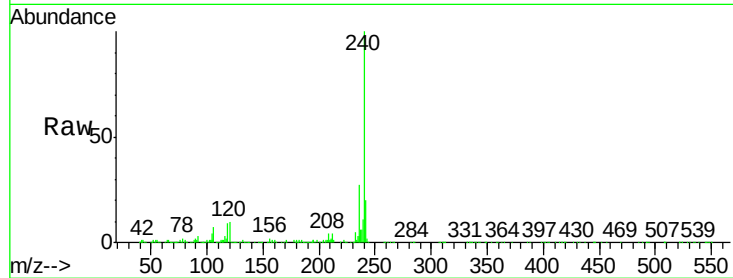
Tgt Ion:240 Resp: 436515

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

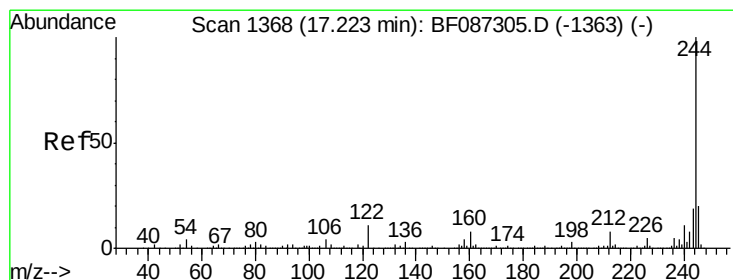
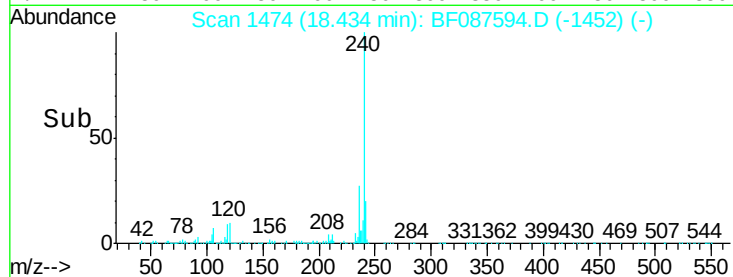
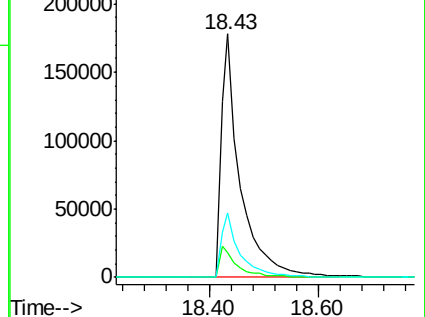
236 26.6 21.2 31.8



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: 72.88 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.07 min

Lab File: BF087594.D

Acq: 31 May 2016 22:33

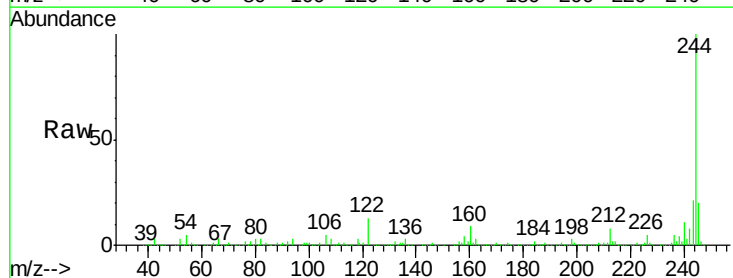
Tgt Ion:244 Resp: 1496391

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

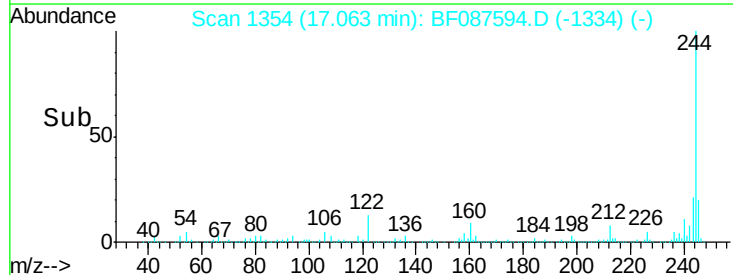
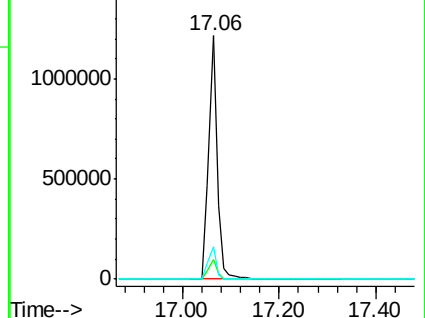
122 13.1 12.0 18.0

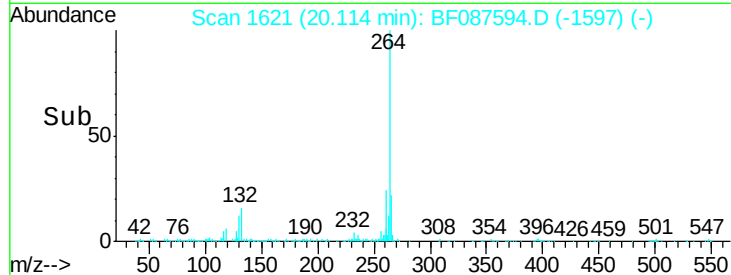
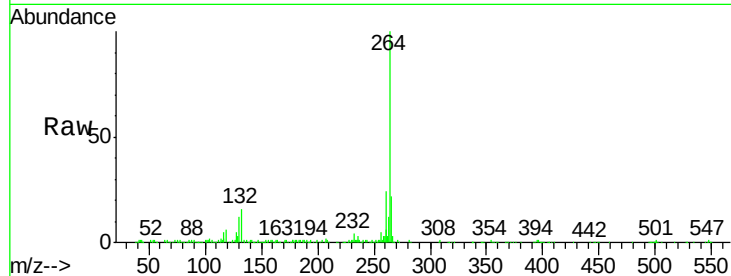
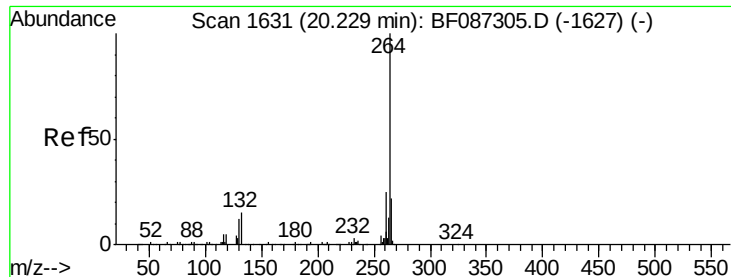


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BF087594.D
Acq: 31 May 2016 22:33

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.3	25.9

