

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087280.D
 Acq On : 22 May 2016 10:02
 Operator : UM/SJ
 Sample : PB90743BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

Quant Time: May 23 03:35:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

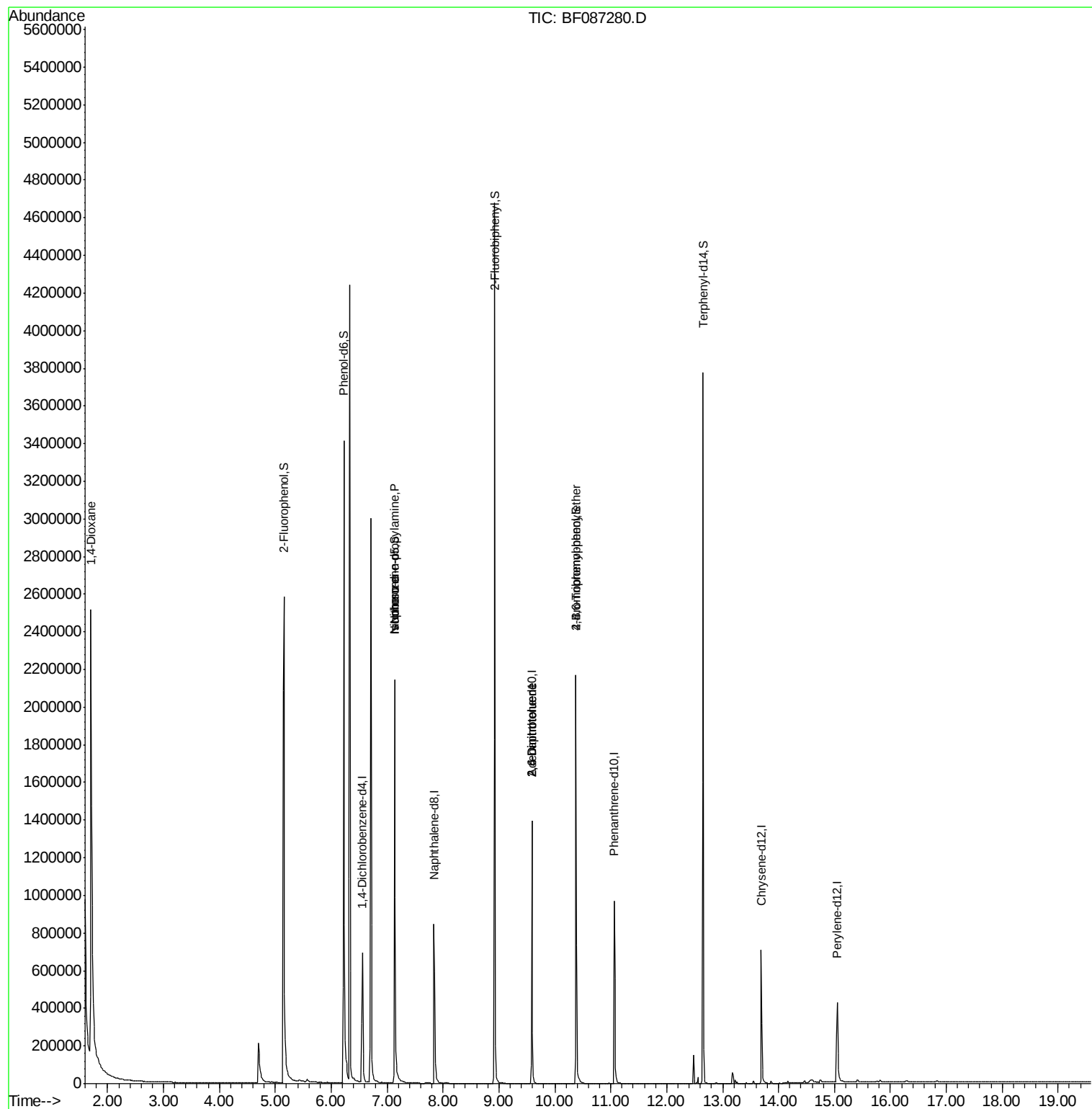
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	121199	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	523778	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	261055	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	452617	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	298082	20.00	ng	-0.01
86) Perylene-d12	15.05	264	231580	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	994032	137.86	ng	0.02
7) Phenol-d6	6.23	99	1081694	111.85	ng	0.00
23) Nitrobenzene-d5	7.13	82	786763	74.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	242693	84.13	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1476742	93.69	ng	0.00
78) Terphenyl-d14	12.65	244	1213319	92.08	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	92793	25.02	ng	# 22
19) n-Nitroso-di-n-propylamine	7.13	70	110602	15.04	ng	# 71
25) Isophorone	7.13	82	786974	40.91	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	32374	7.49	ng	# 21
56) 2,4-Dinitrotoluene	9.59	165	32376	5.85	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	16981	3.65	ng	# 1

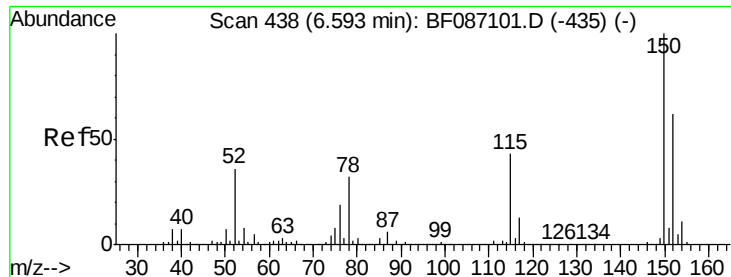
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

PB90743BL

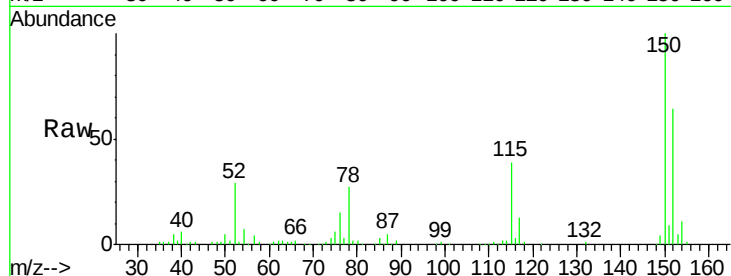
Tgt Ion:152 Resp: 121199

Ion Ratio Lower Upper

152 100

150 155.1 125.8 188.6

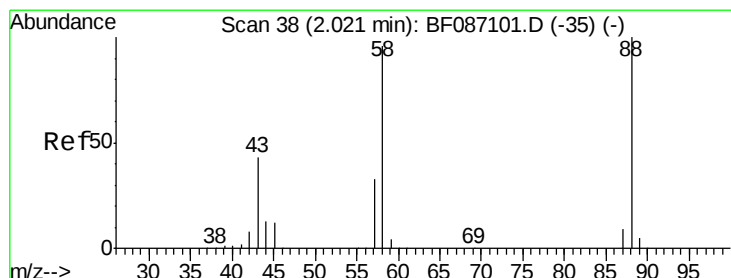
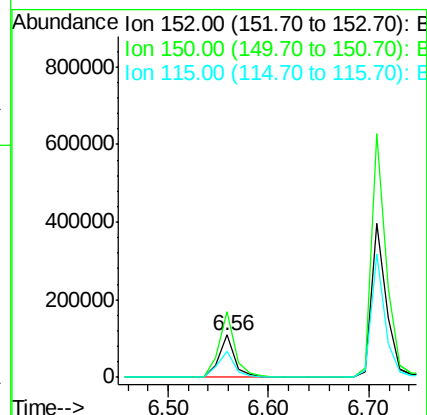
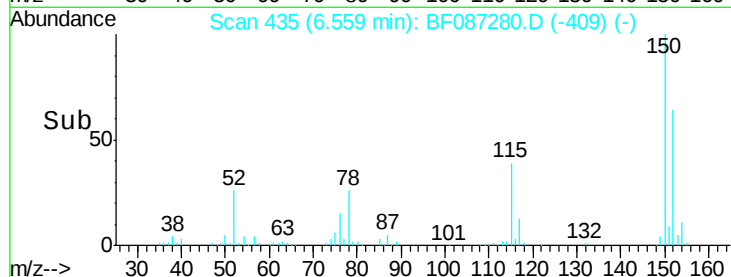
115 60.9 51.5 77.3



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



#2

1,4-Dioxane

Concen: 25.02 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.26 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

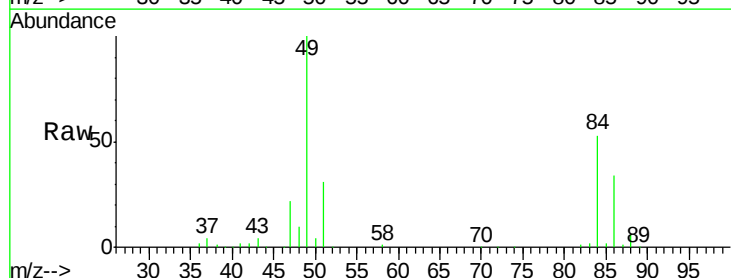
Tgt Ion: 88 Resp: 92793

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

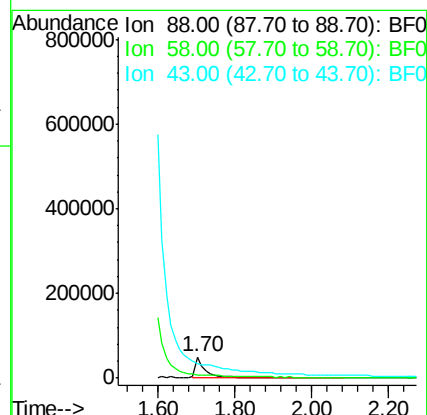
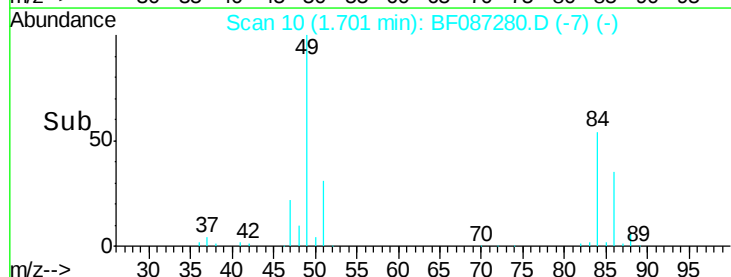
43 0.0 21.8 32.6#

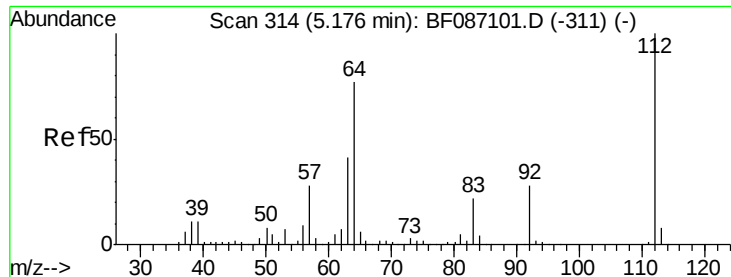


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 137.86 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.02 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

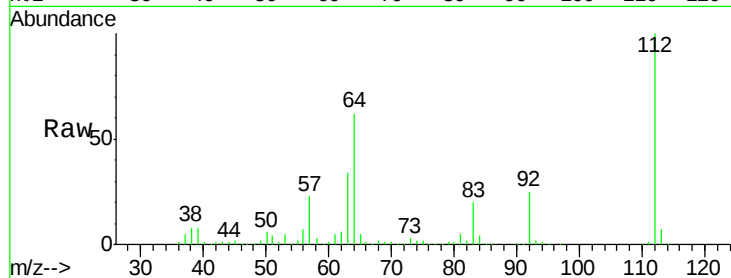
Instrument :

BNA_F

ClientSampleId :

PB90743BL

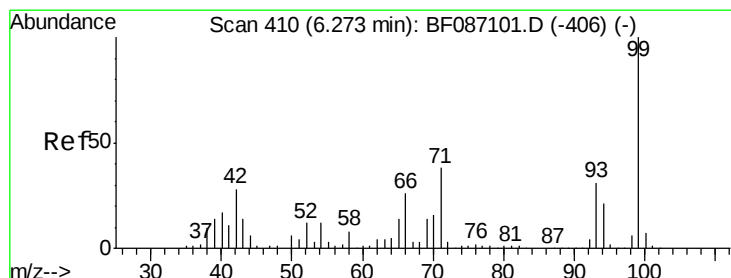
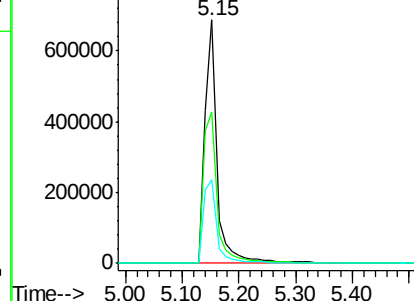
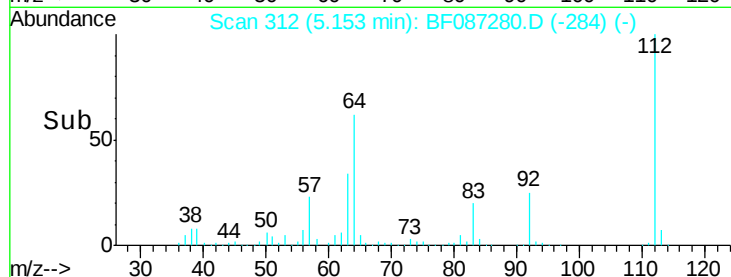
Tgt Ion:	112	Resp:	994032
Ion Ratio	Lower	Upper	
112	100		
64	62.1	52.1	78.1
63	34.3	25.7	38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 111.85 ng

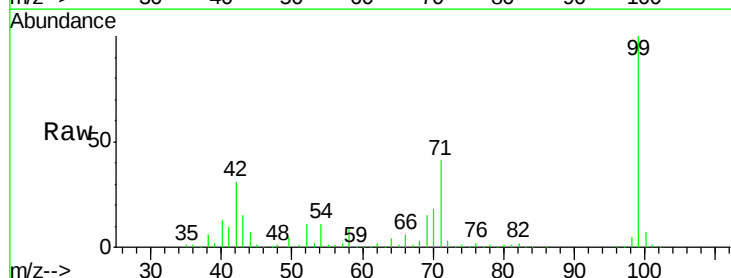
RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

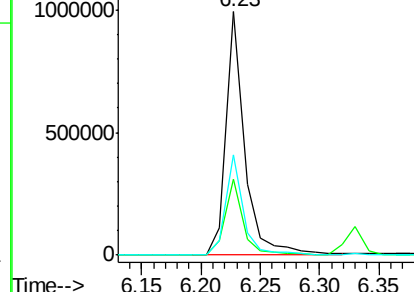
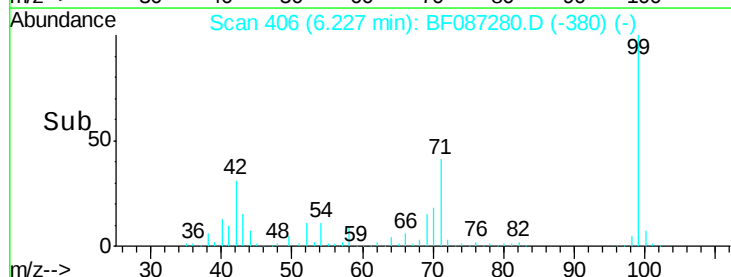
Tgt Ion:	99	Resp:	1081694
Ion Ratio	Lower	Upper	
99	100		
42	31.3	13.6	20.4#
71	41.4	24.6	36.8#

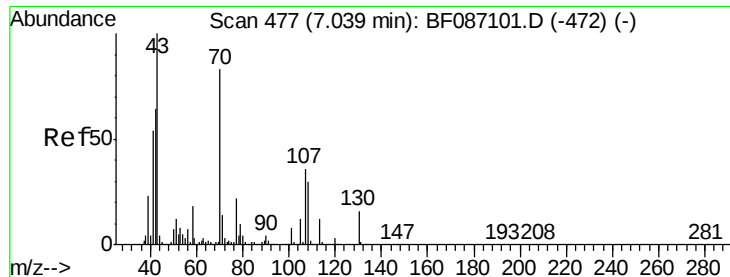


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

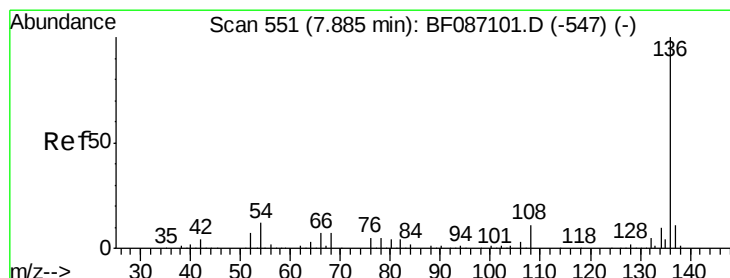
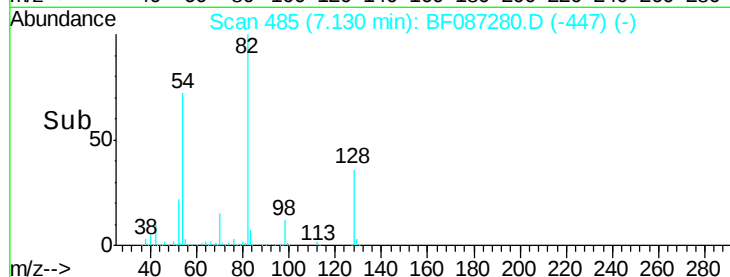
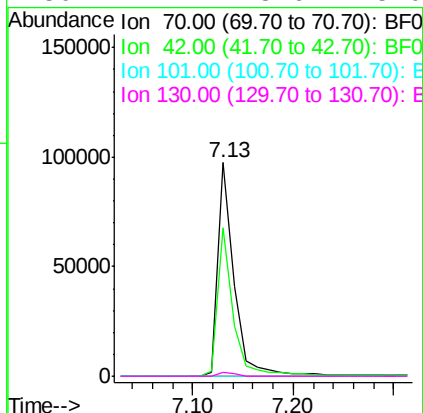
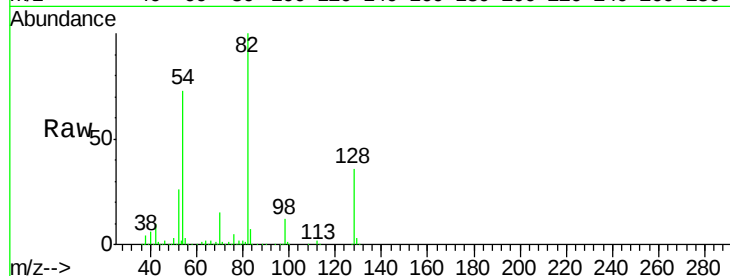




#19
n-Nitroso-di-n-propylamine
Concen: 15.04 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF087280.D
Acq: 22 May 2016 10:02

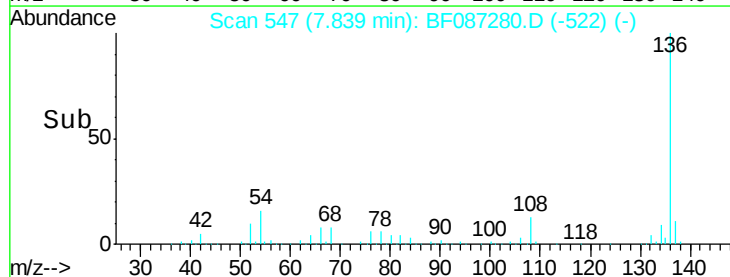
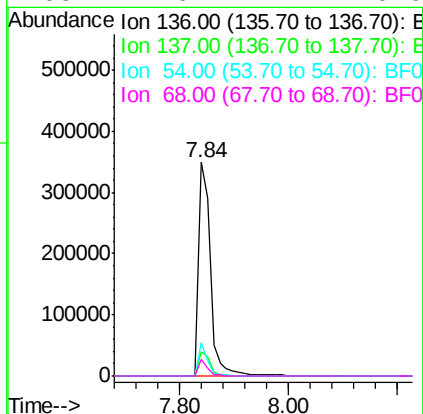
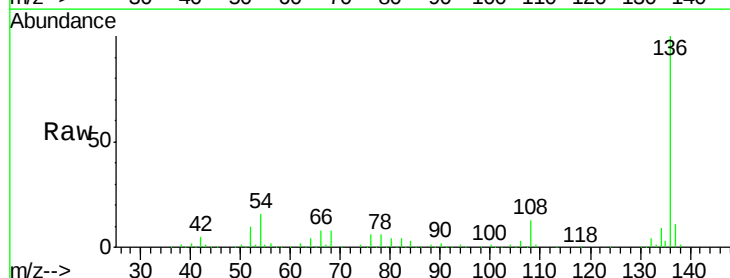
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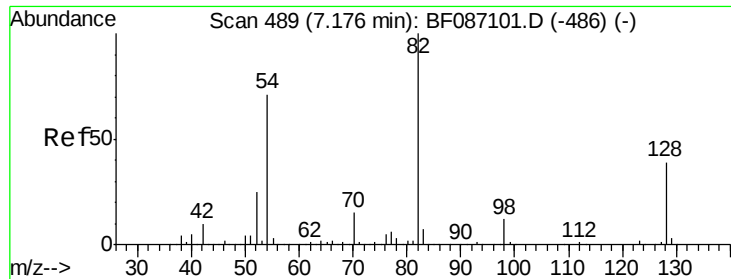
Tgt Ion:	70	Resp:	110602
Ion	Ratio	Lower	Upper
70	100		
42	69.6	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087280.D
Acq: 22 May 2016 10:02

Tgt Ion:	136	Resp:	523778
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	15.8	5.0	7.4#
68	7.6	4.4	6.6#

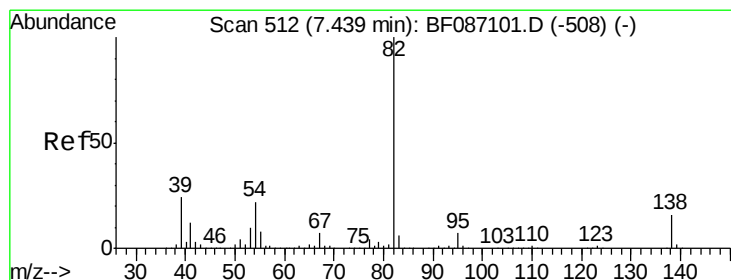
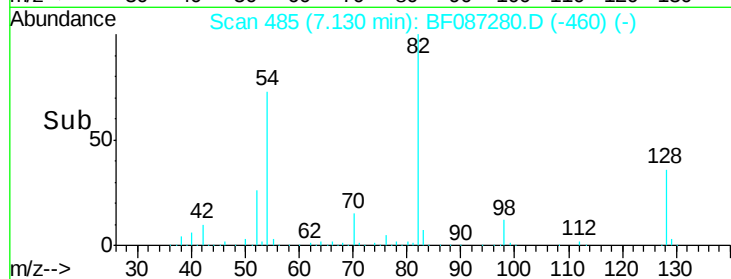
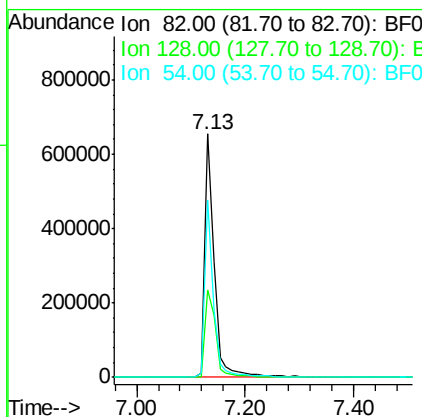
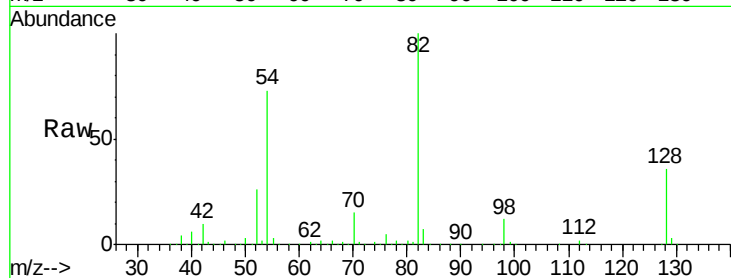




#23
 Nitrobenzene-d5
 Concen: 74.86 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

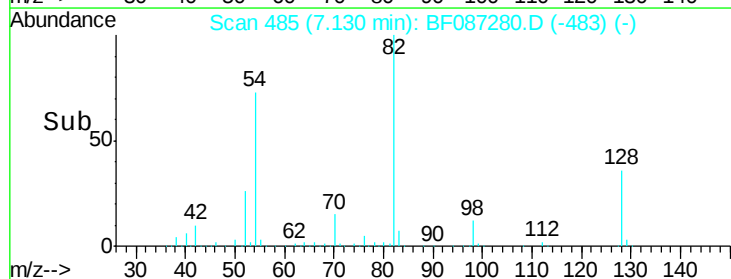
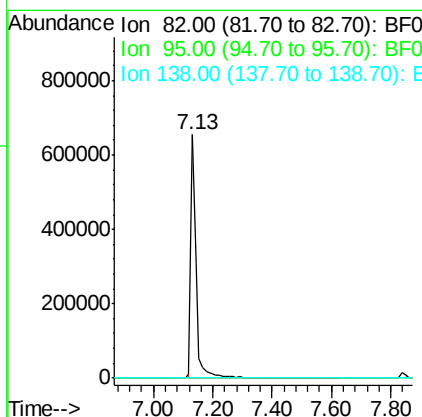
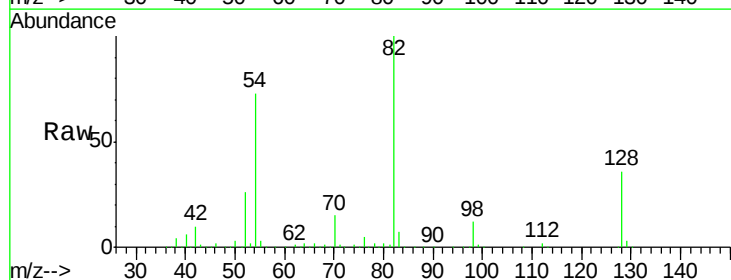
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

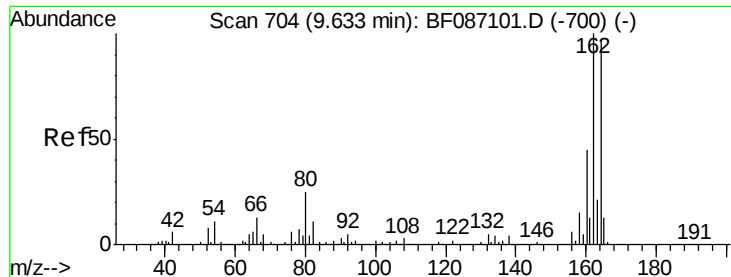
Tgt Ion: 82 Resp: 786763
 Ion Ratio Lower Upper
 82 100
 128 36.0 40.6 61.0#
 54 72.8 38.1 57.1#



#25
 Isophorone
 Concen: 40.91 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.27 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

Tgt Ion: 82 Resp: 786974
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

PB90743BL

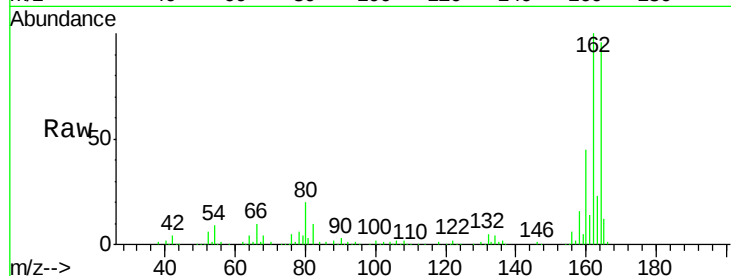
Tgt Ion:164 Resp: 261055

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

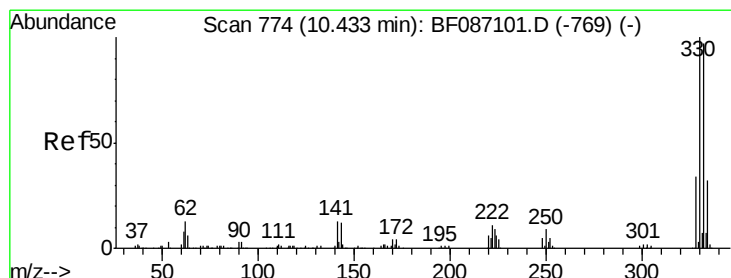
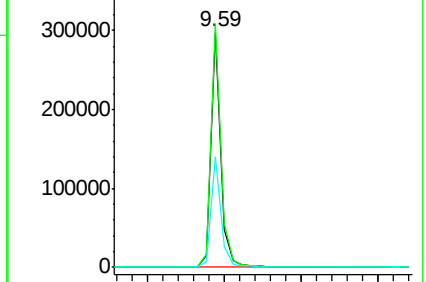
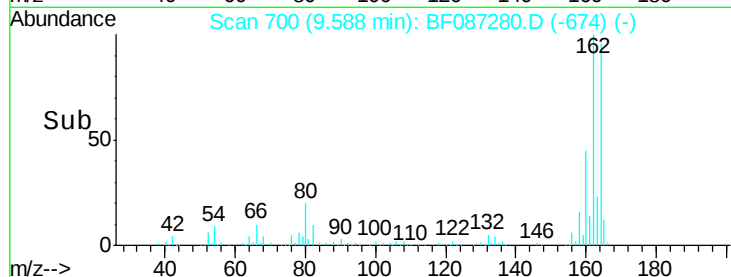
160 46.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 84.13 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

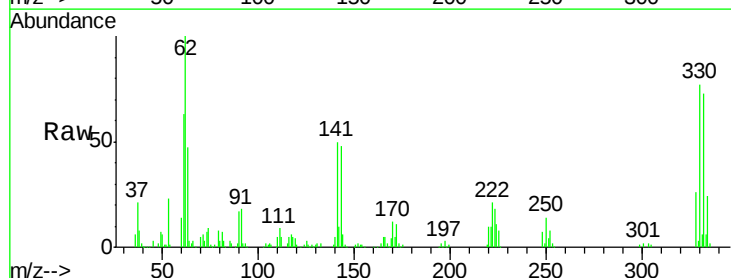
Tgt Ion:330 Resp: 242693

Ion Ratio Lower Upper

330 100

332 95.3 79.0 118.4

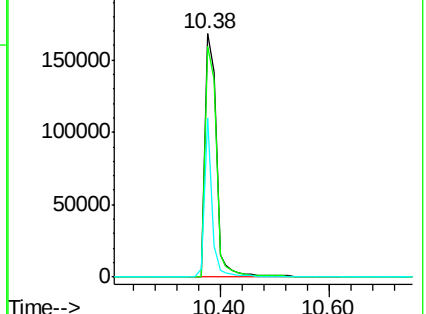
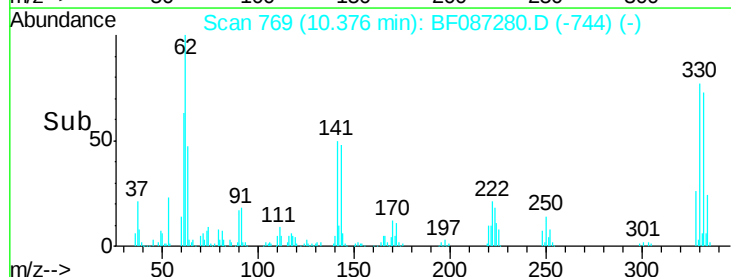
141 42.7 31.2 46.8

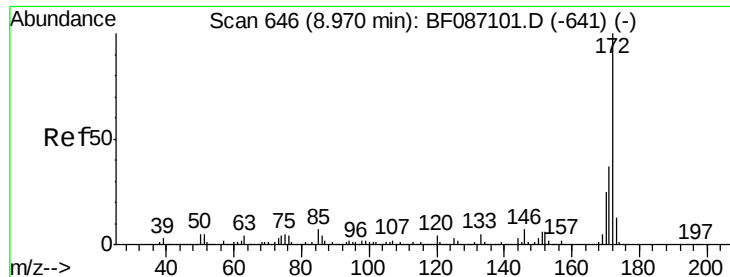


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

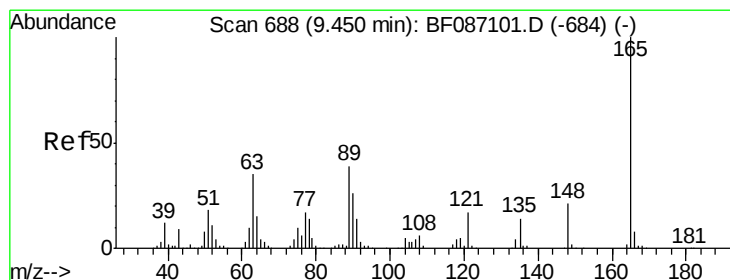
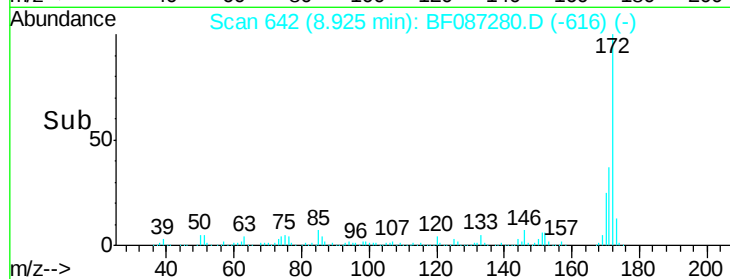
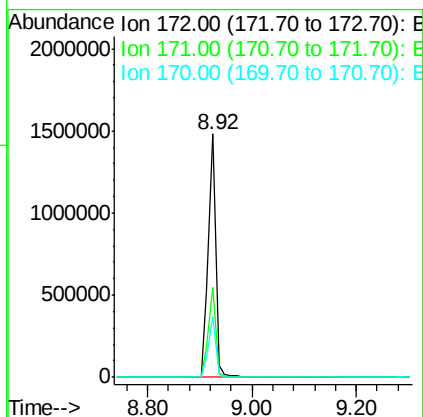
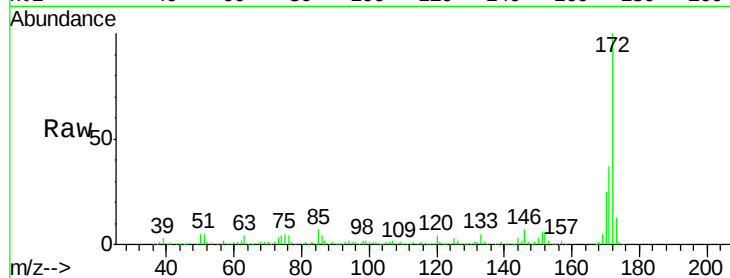




#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

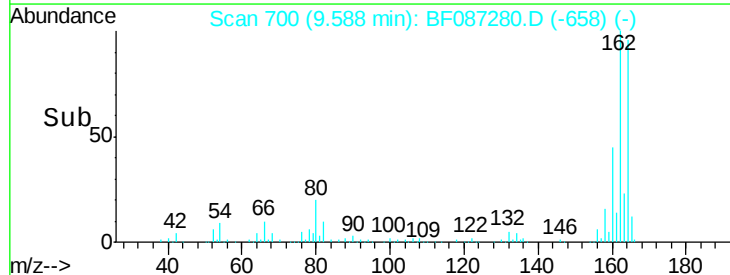
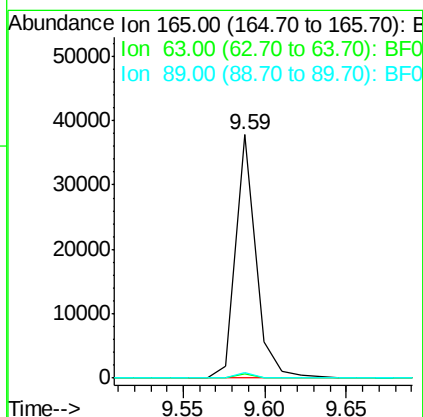
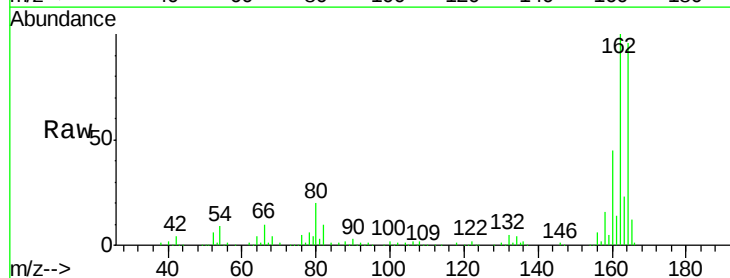
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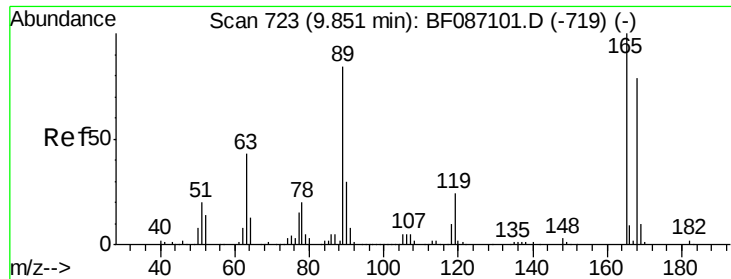
Tgt Ion:172 Resp: 1476742
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

Tgt Ion:165 Resp: 32374
 Ion Ratio Lower Upper
 165 100
 63 1.8 51.8 77.8#
 89 2.2 50.7 76.1#

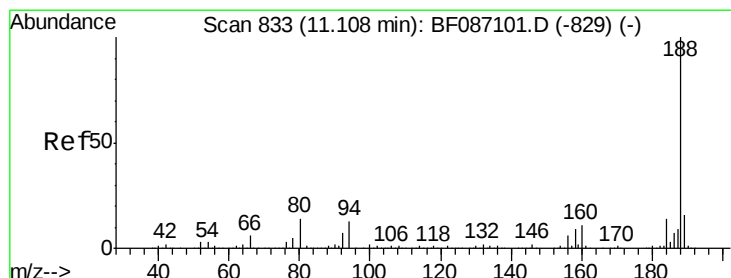
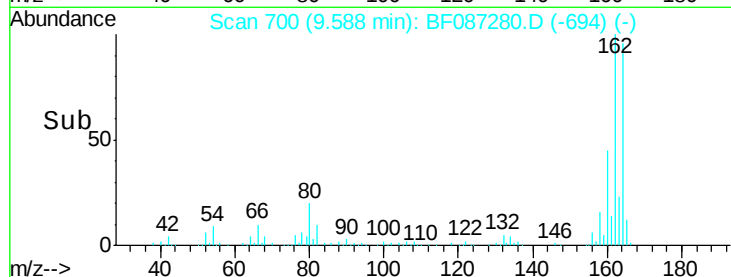
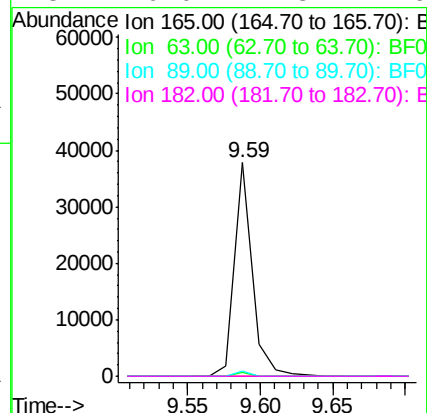
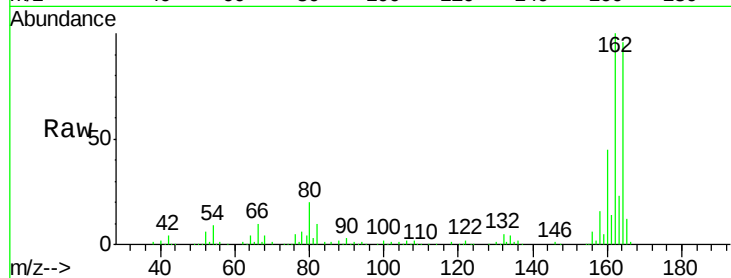




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.23 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

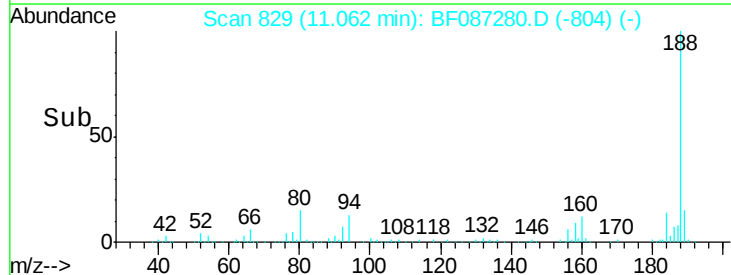
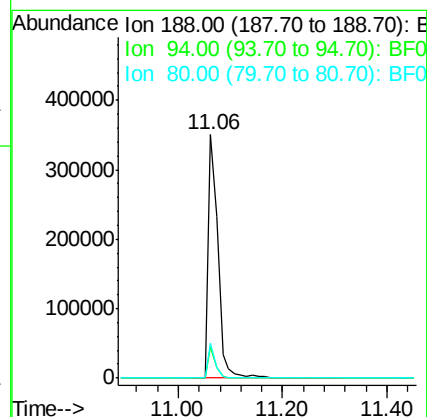
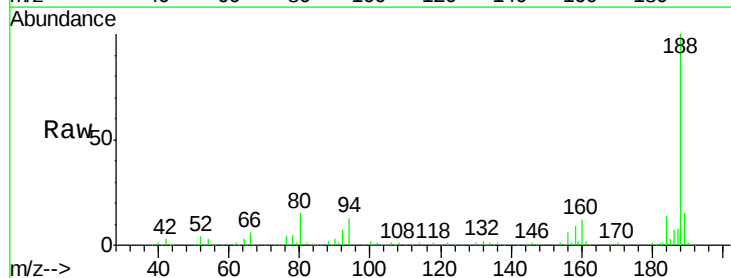
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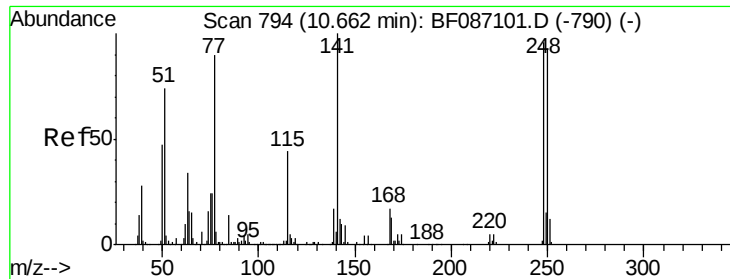
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	6.8	10.2#
80	14.6	7.1	10.7#

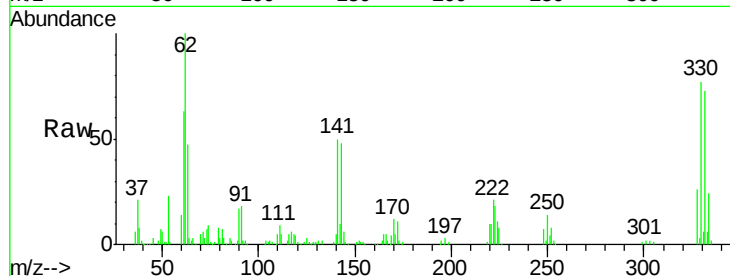




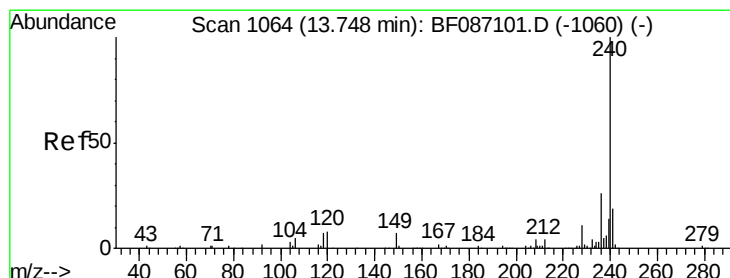
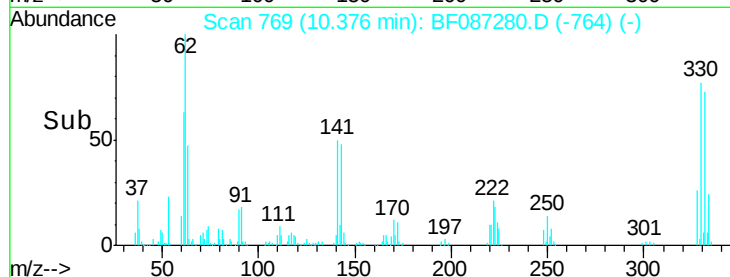
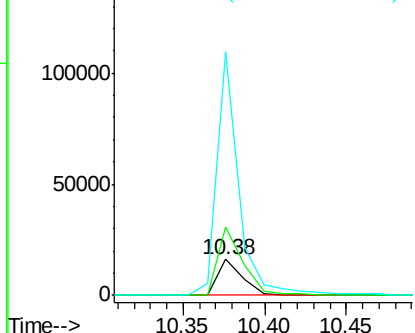
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.24 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

Tgt Ion:248 Resp: 16981
 Ion Ratio Lower Upper
 248 100
 250 192.3 78.6 117.8#
 141 680.7 76.0 114.0#

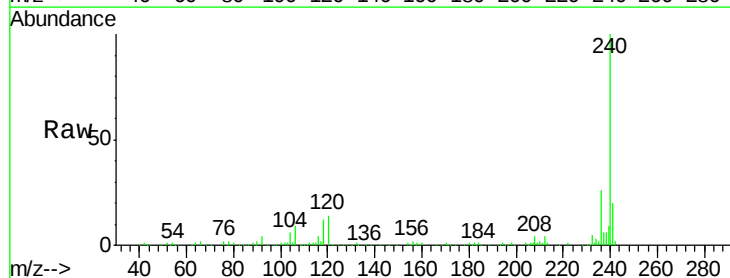


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

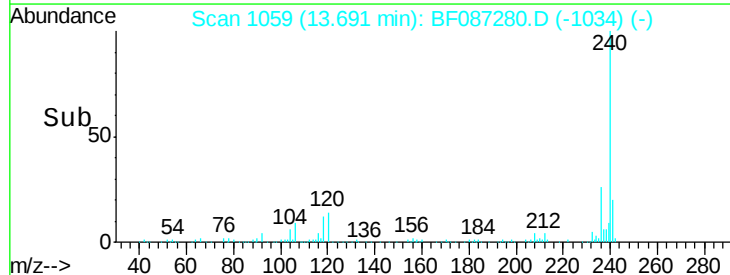
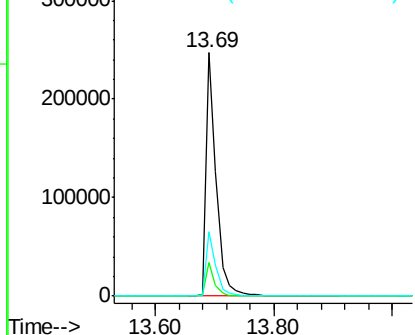


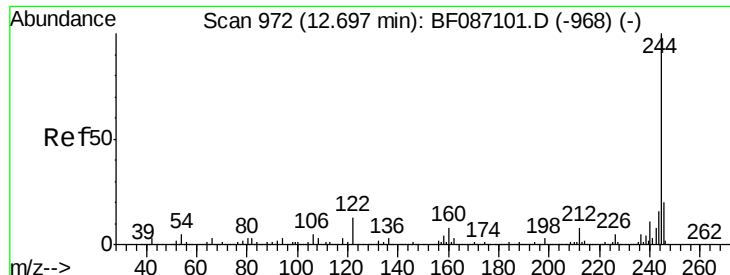
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

Tgt Ion:240 Resp: 298082
 Ion Ratio Lower Upper
 240 100
 120 13.6 11.2 16.8
 236 26.4 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: 92.08 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

PB90743BL

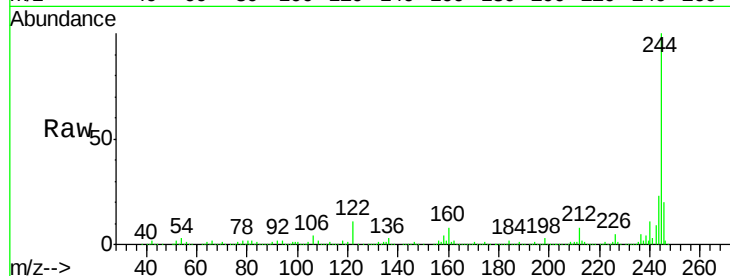
Tgt Ion:244 Resp: 1213319

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

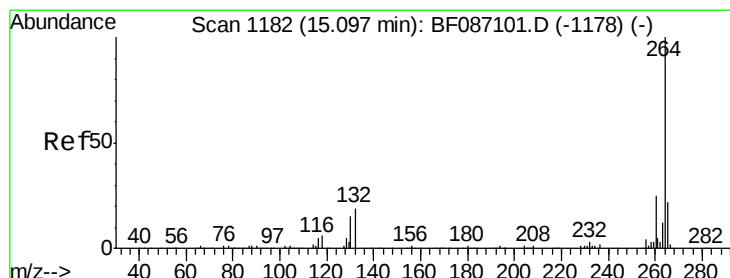
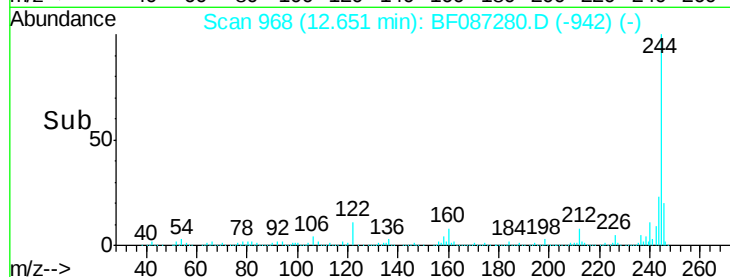
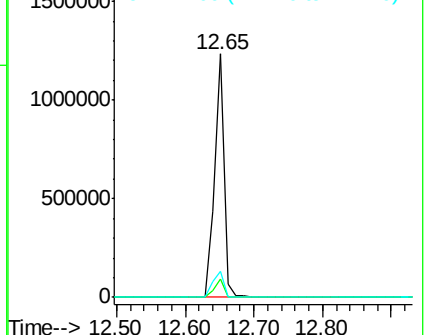
122 10.6 12.0 18.0#



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: 15.05 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

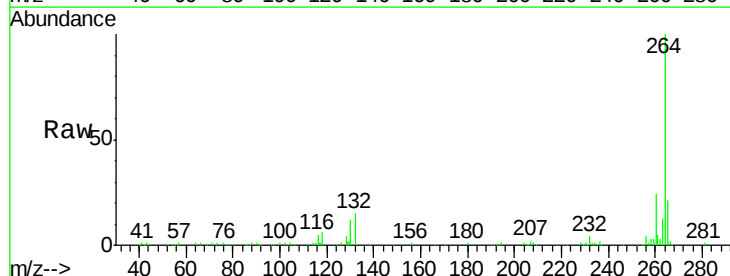
Tgt Ion:264 Resp: 231580

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.2 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

