

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093483.D
 Acq On : 9 Mar 2017 18:54
 Operator : SJ/MA
 Sample : PB97463BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97463BL

Quant Time: Mar 09 23:50:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

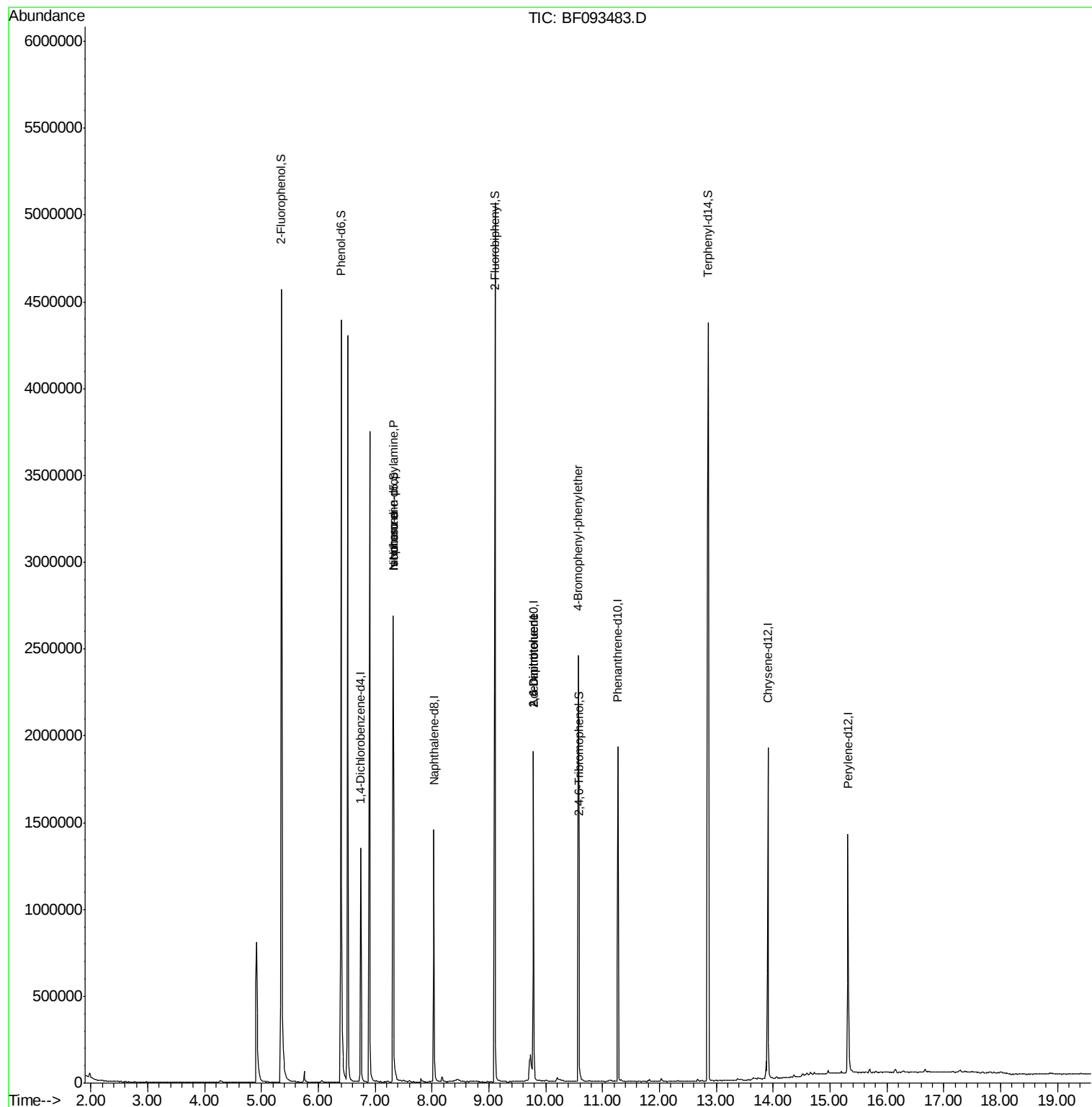
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	197678	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	771461	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	387855	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	735415	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	676869	20.00	ng	-0.01
86) Perylene-d12	15.32	264	590548	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1358990	114.42	ng	0.00
7) Phenol-d6	6.40	99	1659863	110.82	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1108281	79.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	340435	134.72	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1757762	84.30	ng	-0.02
78) Terphenyl-d14	12.86	244	1746904	67.10	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	2567	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	147508	14.32	ng	# 85
25) Isophorone	7.32	82	1049650	37.44	ng	# 65
50) 2,6-Dinitrotoluene	9.78	165	49082	8.70	ng	# 31
56) 2,4-Dinitrotoluene	9.78	165	49082	7.08	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	24210	3.11	ng	# 1

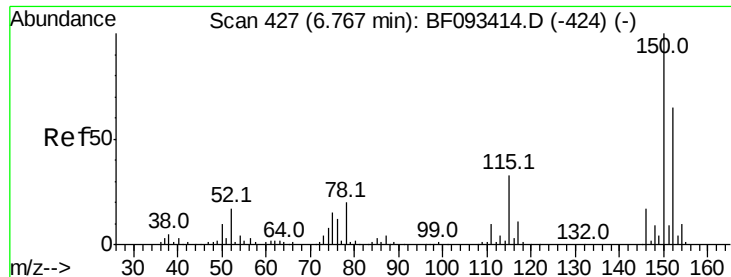
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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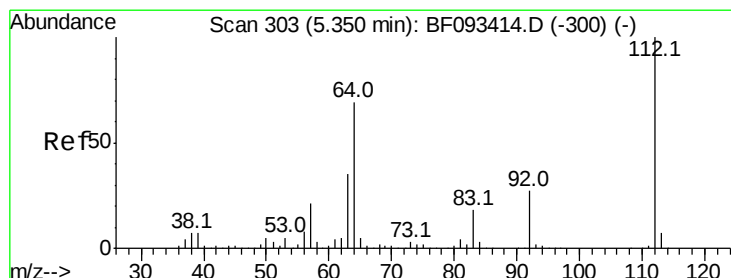
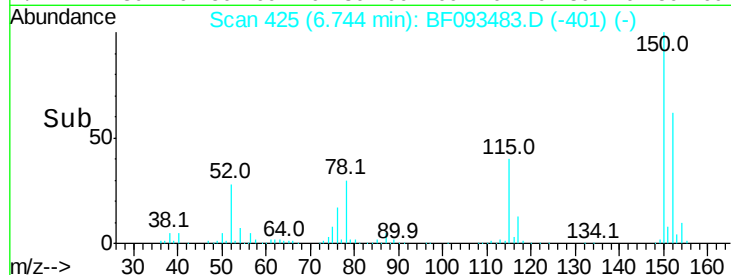
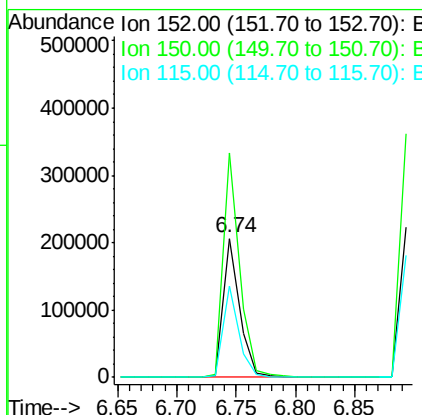
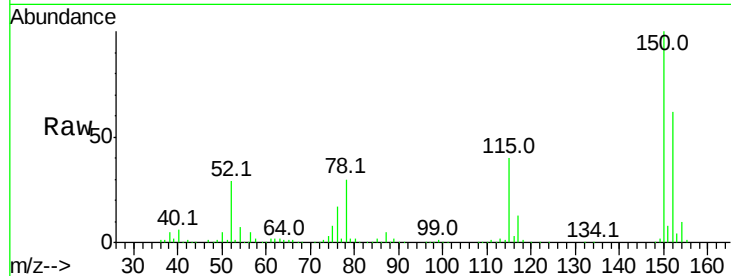


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093483.D
Acq: 9 Mar 2017 18:54

Instrument :
BNA_F
ClientSampleId :
PB97463BL

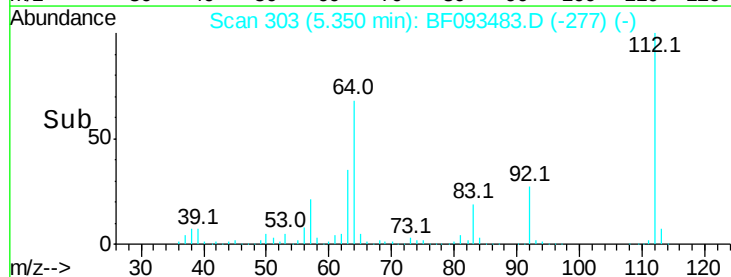
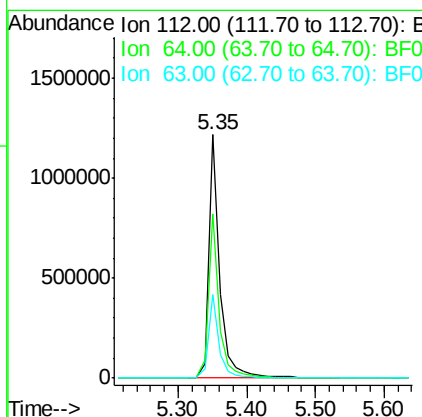
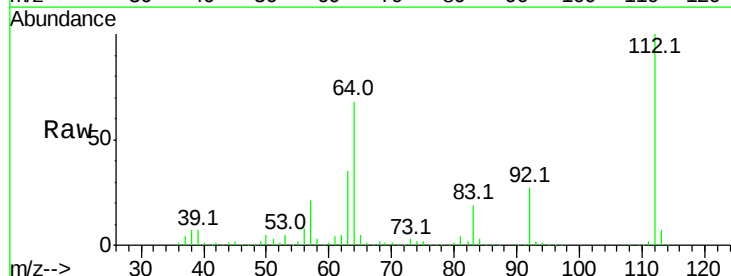
Tot Ion:152 Resp: 197678
Ion Ratio Lower Upper
152 100
150 161.2 124.9 187.3
115 65.2 46.0 69.0

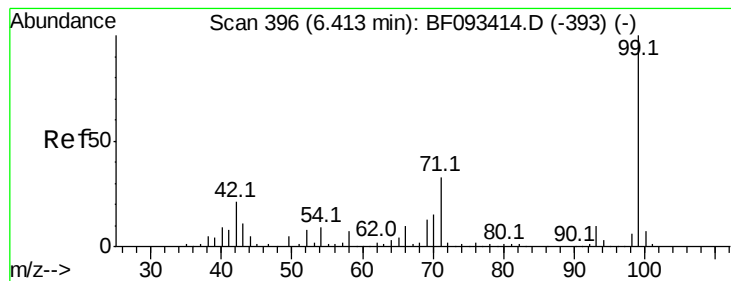


#5

2-Fluorophenol
Concen: 114.42 ng
RT: 5.35 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF093483.D
Acq: 9 Mar 2017 18:54

Tgt Ion:112 Resp: 1358990
Ion Ratio Lower Upper
112 100
64 67.6 46.1 69.1
63 34.6 23.8 35.6





#7

Phenol-d6

Concen: 110.82 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093483.D

Acq: 9 Mar 2017 18:54

Instrument :

BNA_F

ClientSampleId :

PB97463BL

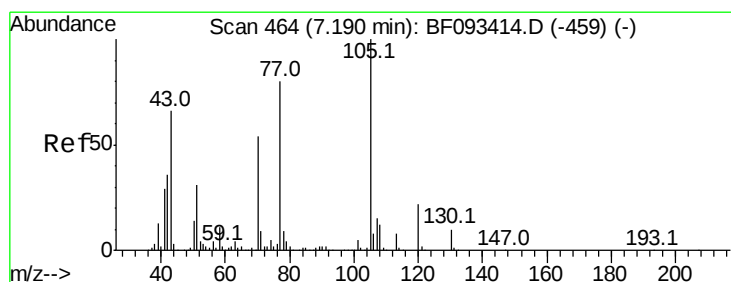
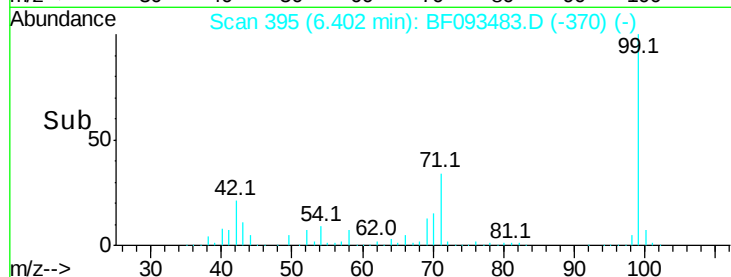
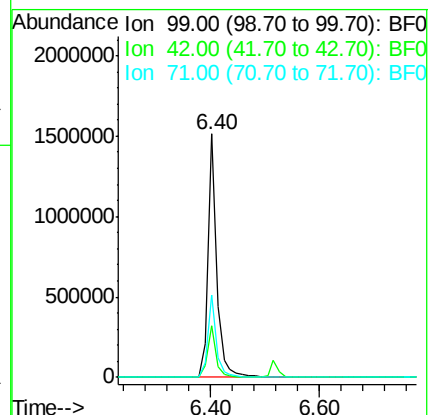
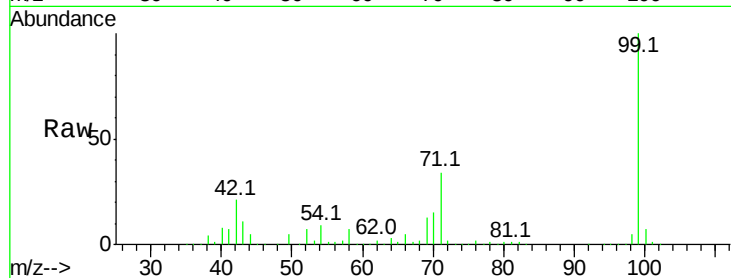
Tot Ion: 99 Resp: 1659863

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

71 34.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.32 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093483.D

Acq: 9 Mar 2017 18:54

Tgt Ion: 70 Resp: 147508

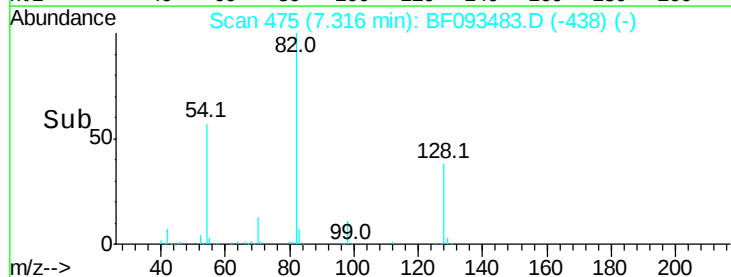
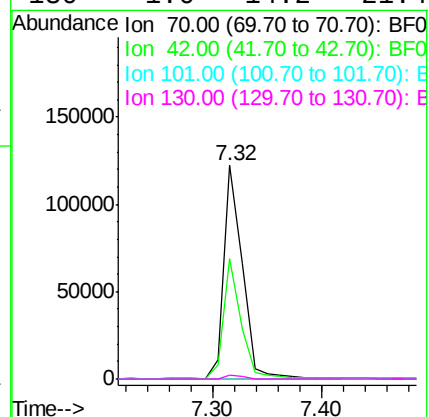
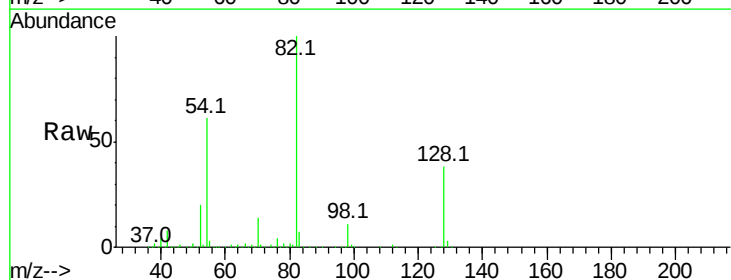
Ion Ratio Lower Upper

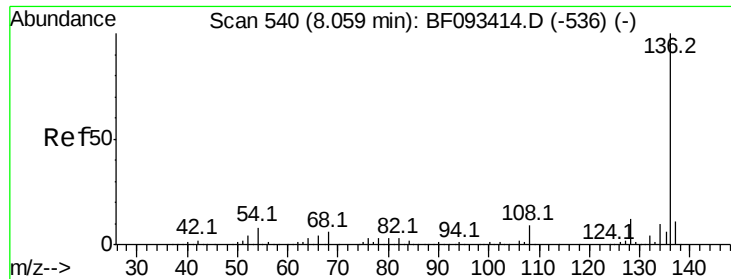
70 100

42 56.4 49.4 74.0

101 0.0 7.4 11.2#

130 1.6 14.2 21.4#

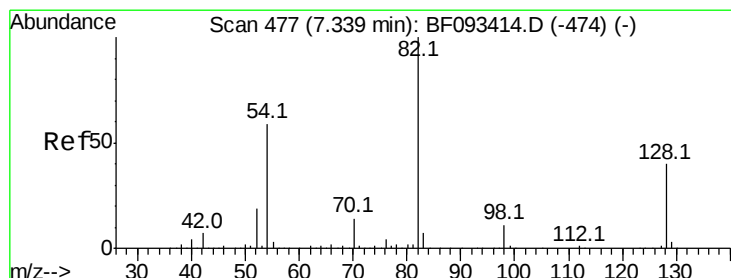
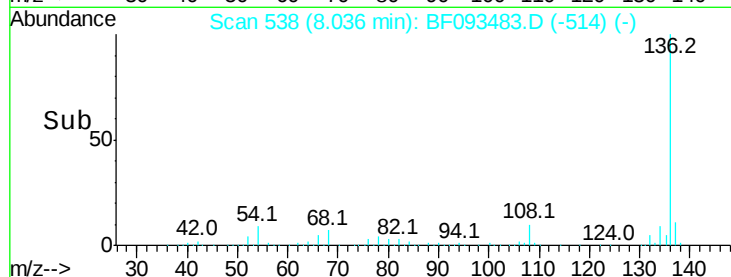
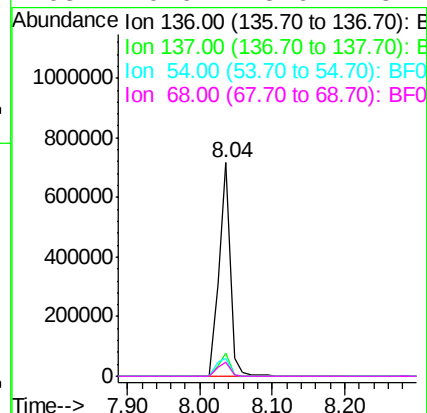
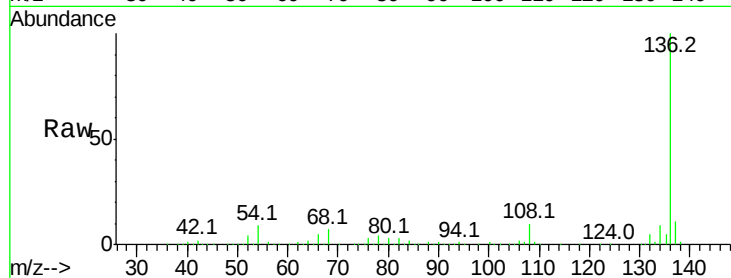




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093483.D
Acq: 9 Mar 2017 18:54

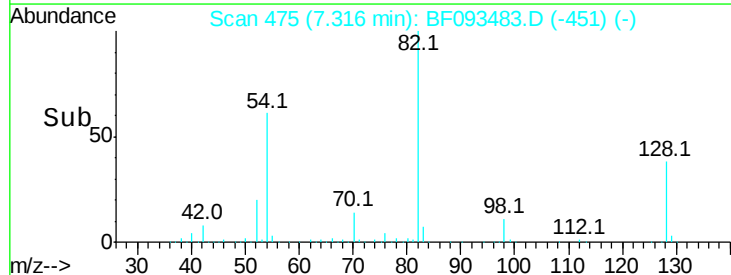
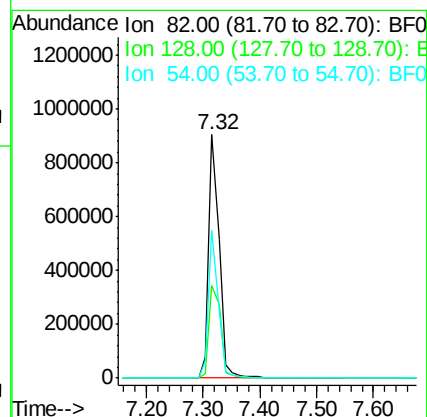
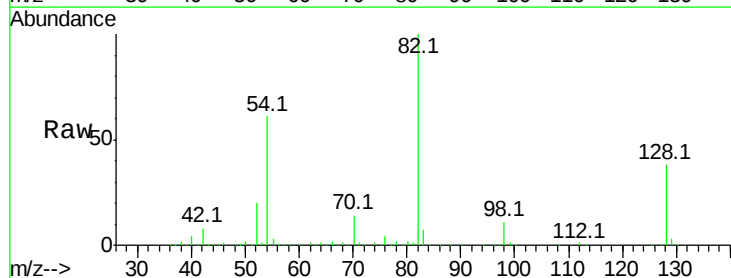
Instrument :
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ClientSampleId :
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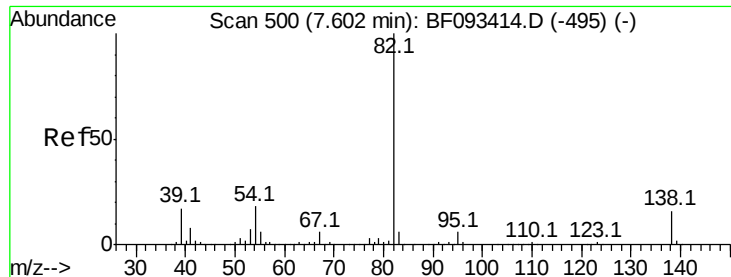
Tot Ion:	136	Resp:	771461
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.6	4.5	6.7#
68	6.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 79.71 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093483.D
Acq: 9 Mar 2017 18:54

Tgt Ion:	82	Resp:	1108281
Ion	Ratio	Lower	Upper
82	100		
128	38.0	34.6	52.0
54	60.9	39.5	59.3#





#25

Isophorone

Concen: 37.44 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093483.D

Acq: 9 Mar 2017 18:54

Instrument :

BNA_F

ClientSampleId :

PB97463BL

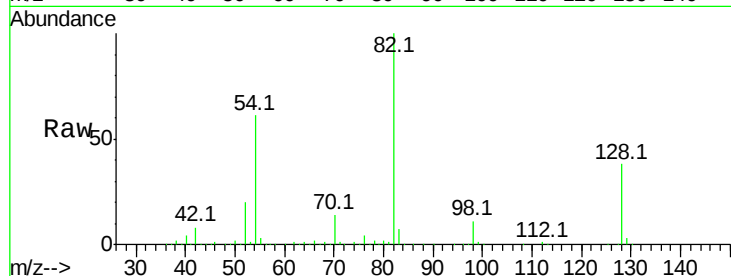
Tot Ion: 82 Resp: 1049650

Ion Ratio Lower Upper

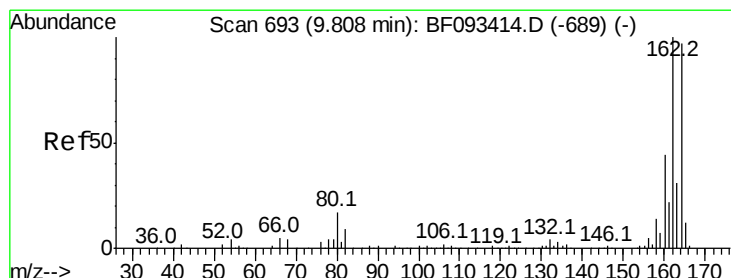
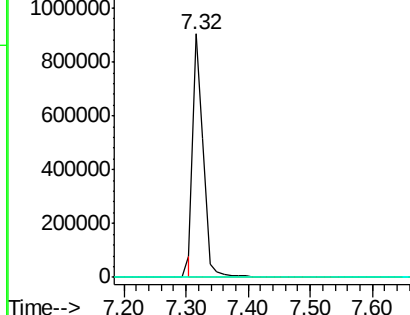
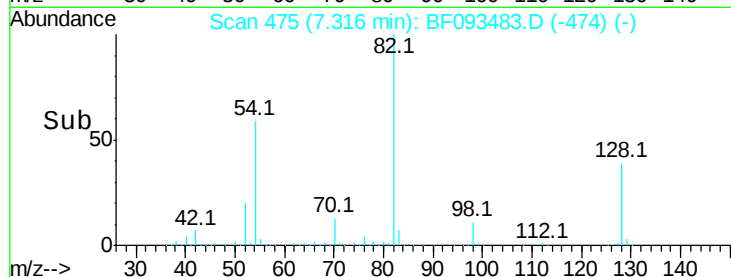
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093483.D

Acq: 9 Mar 2017 18:54

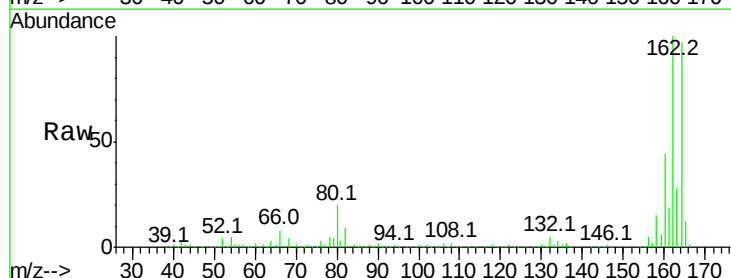
Tgt Ion: 164 Resp: 387855

Ion Ratio Lower Upper

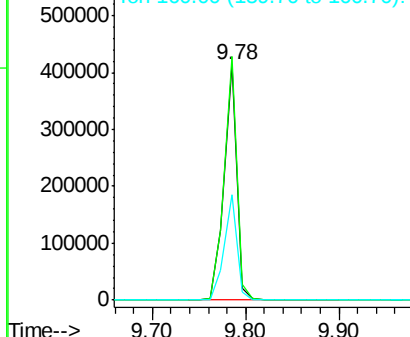
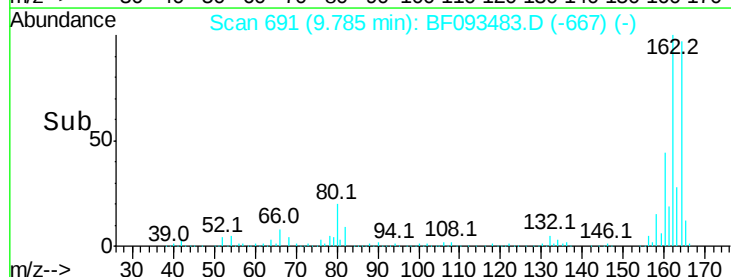
164 100

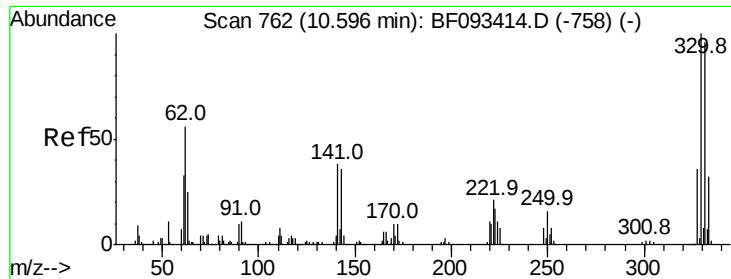
162 103.3 80.2 120.2

160 45.0 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

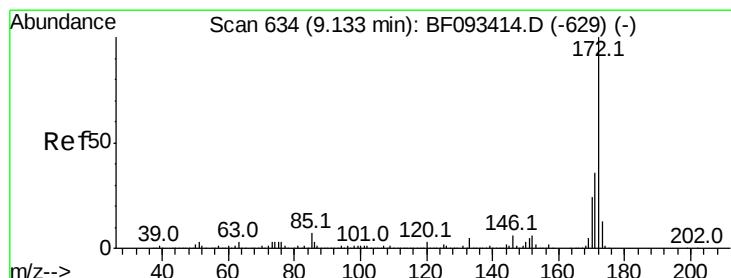
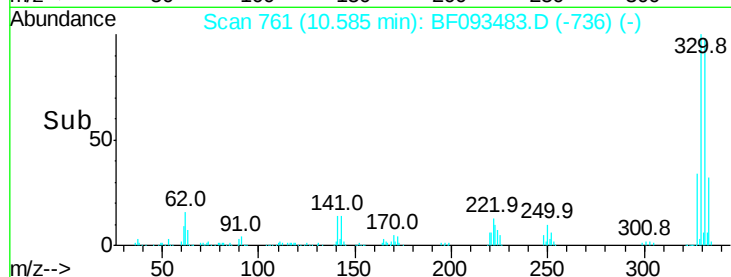
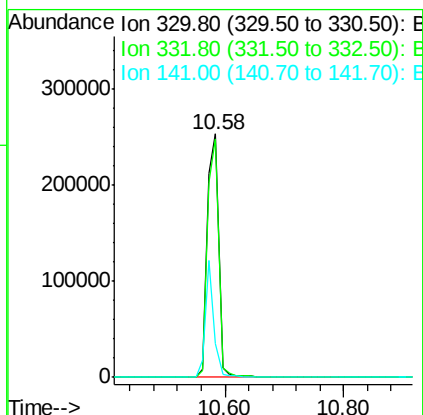
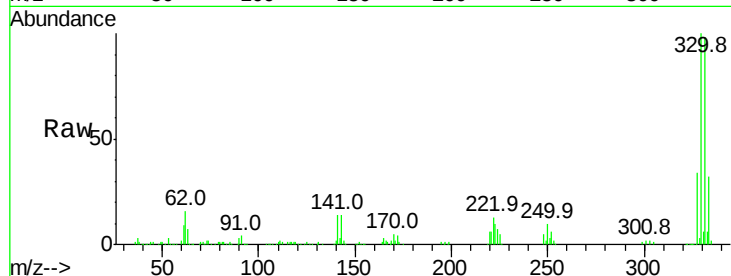




#41
 2,4,6-Tribromophenol
 Concen: 134.72 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093483.D
 Acq: 9 Mar 2017 18:54

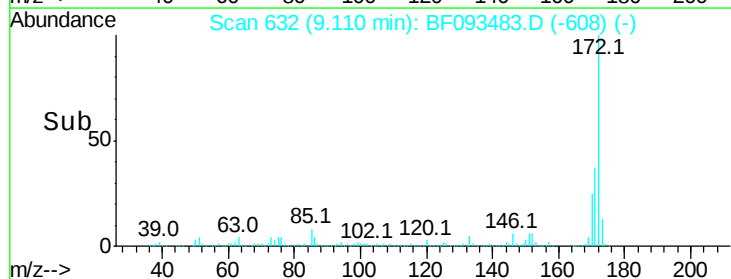
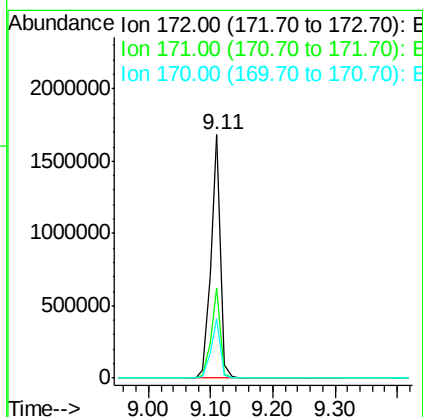
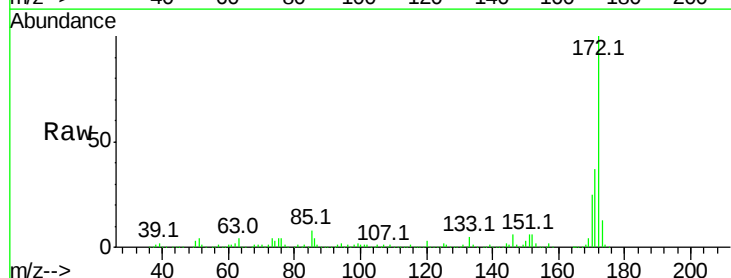
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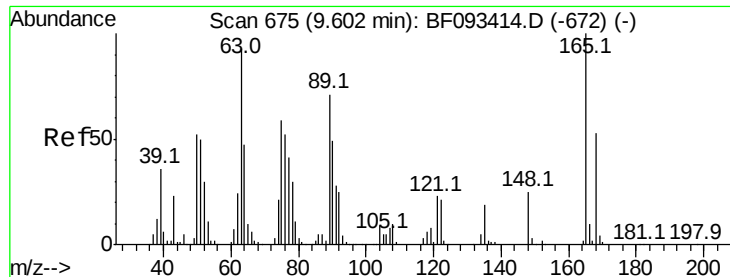
Tot Ion:330 Resp: 340435
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 36.9 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 84.30 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093483.D
 Acq: 9 Mar 2017 18:54

Tgt Ion:172 Resp: 1757762
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.6 20.2 30.4

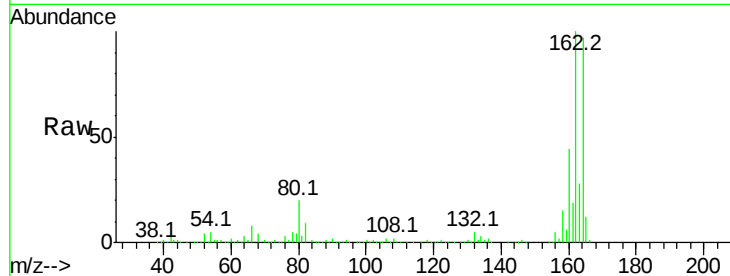




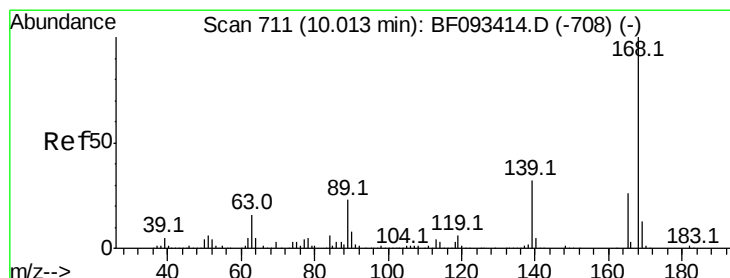
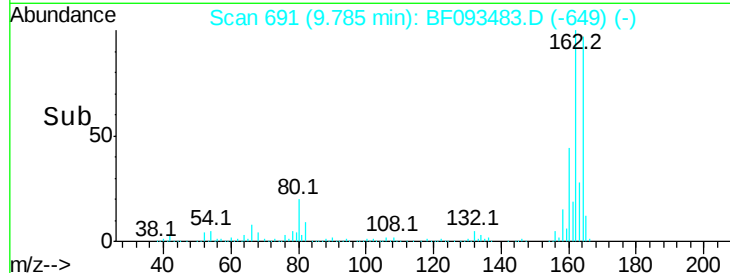
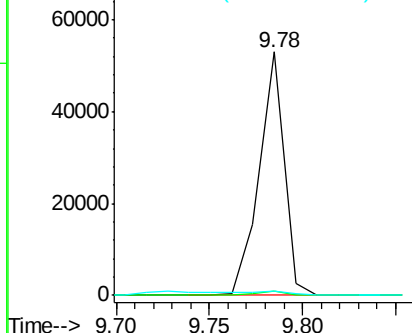
#50
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.18 min
Lab File: BF093483.D
Acq: 9 Mar 2017 18:54

Instrument :
BNA_F
ClientSampleId :
PB97463BL

Tot Ion:165 Resp: 49082
Ion Ratio Lower Upper
165 100
63 1.5 36.2 54.4#
89 1.8 40.2 60.4#

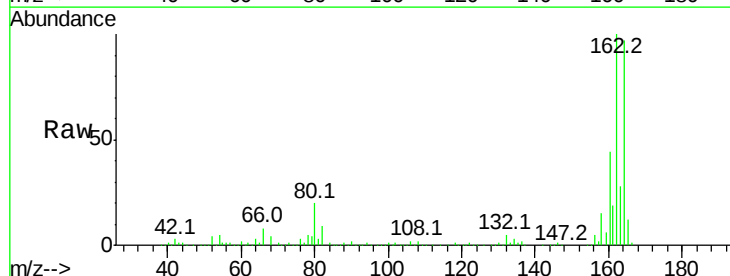


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

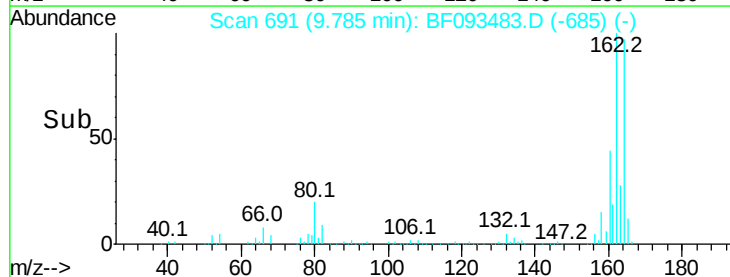
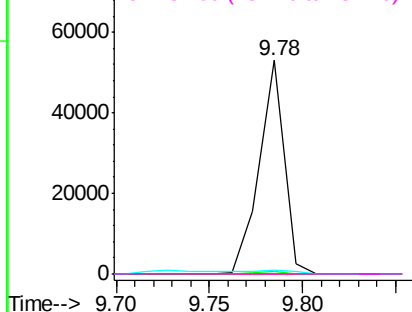


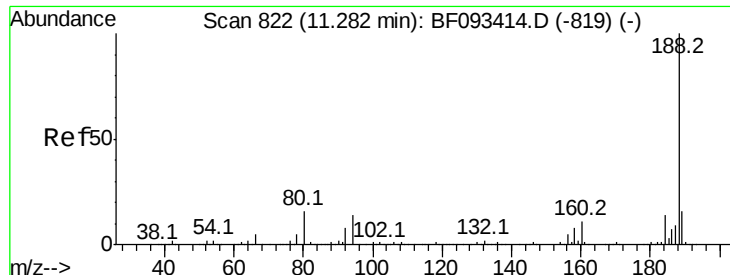
#56
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.23 min
Lab File: BF093483.D
Acq: 9 Mar 2017 18:54

Tgt Ion:165 Resp: 49082
Ion Ratio Lower Upper
165 100
63 1.5 40.2 60.4#
89 1.8 62.5 93.7#
182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

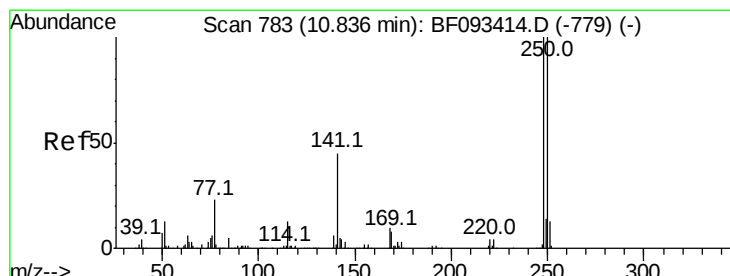
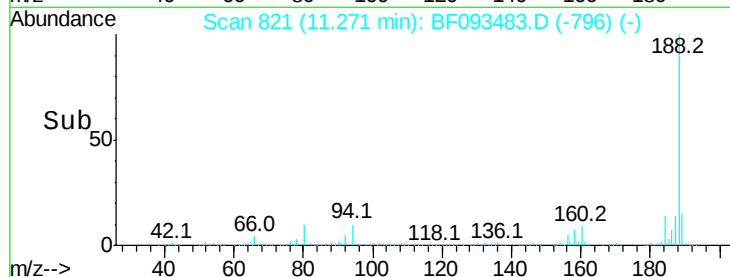
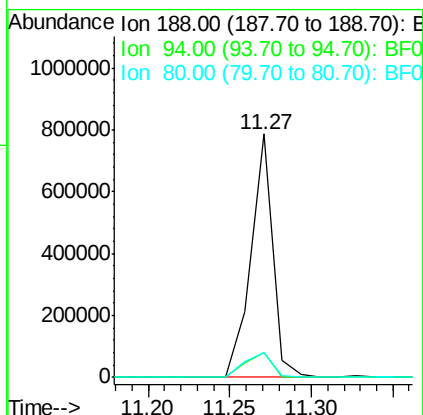
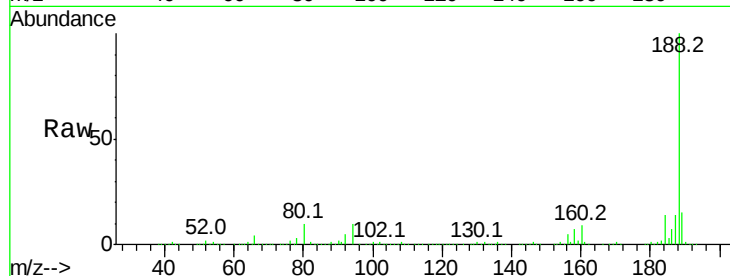




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093483.D
 Acq: 9 Mar 2017 18:54

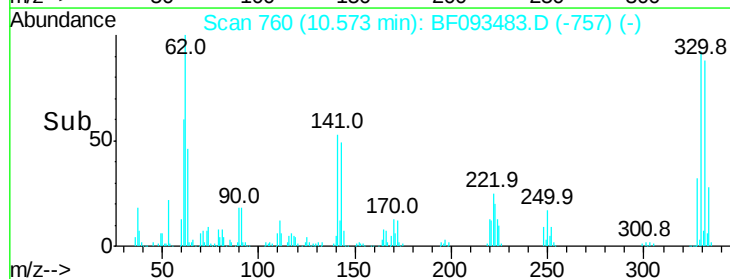
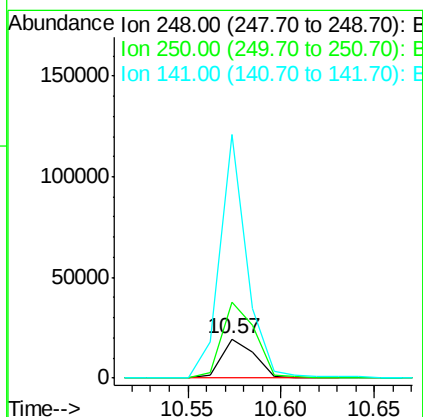
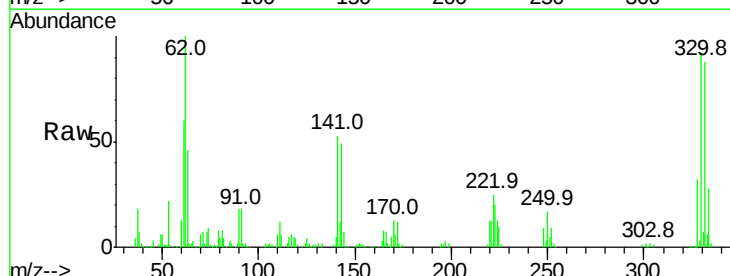
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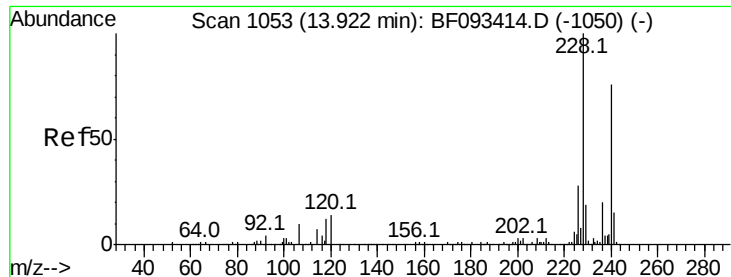
Tot Ion:188 Resp: 735415
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 10.4 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.11 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093483.D
 Acq: 9 Mar 2017 18:54

Tgt Ion:248 Resp: 24210
 Ion Ratio Lower Upper
 248 100
 250 195.1 76.9 115.3#
 141 621.0 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093483.D

Acq: 9 Mar 2017 18:54

Instrument :

BNA_F

ClientSampleId :

PB97463BL

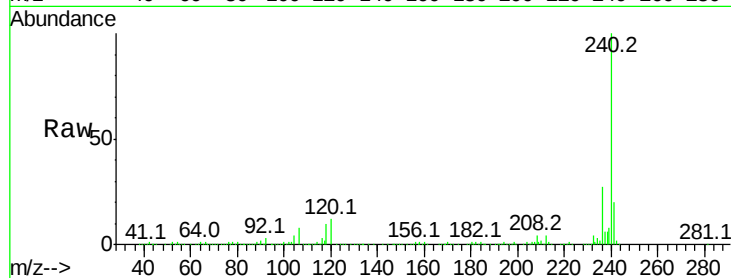
Tot Ion:240 Resp: 676869

Ion Ratio Lower Upper

240 100

120 11.8 12.9 19.3#

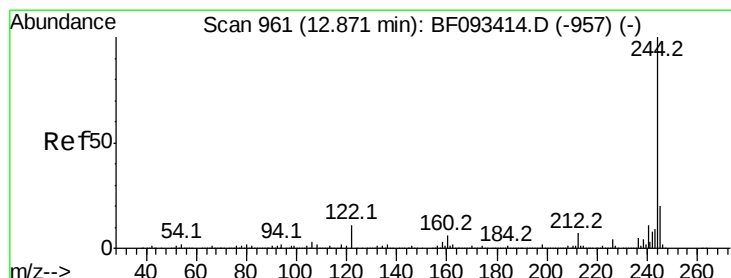
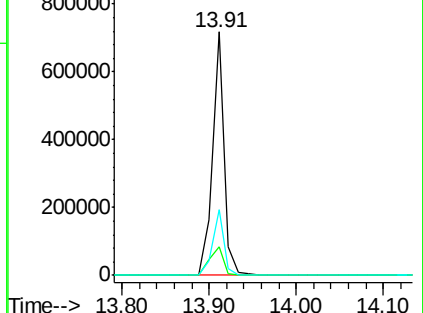
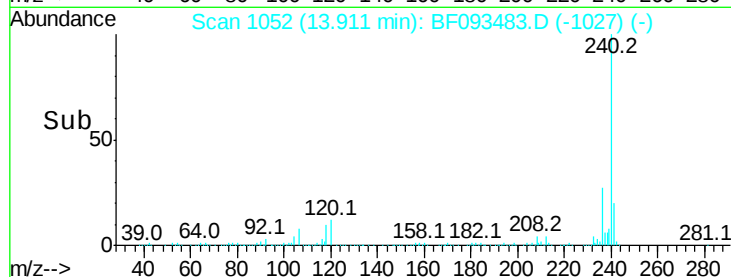
236 26.8 20.9 31.3



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: 67.10 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093483.D

Acq: 9 Mar 2017 18:54

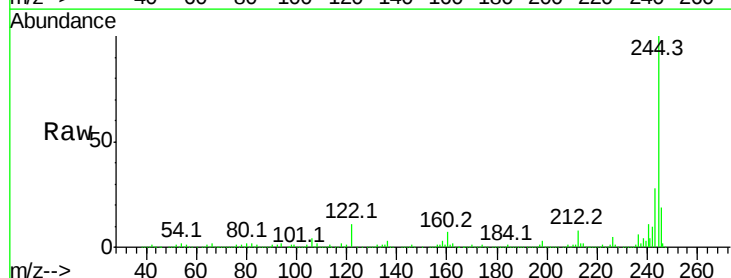
Tgt Ion:244 Resp: 1746904

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

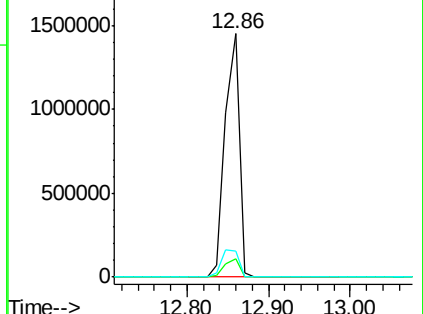
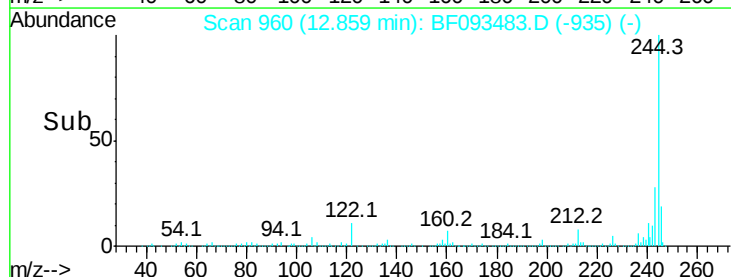
122 10.7 11.4 17.2#

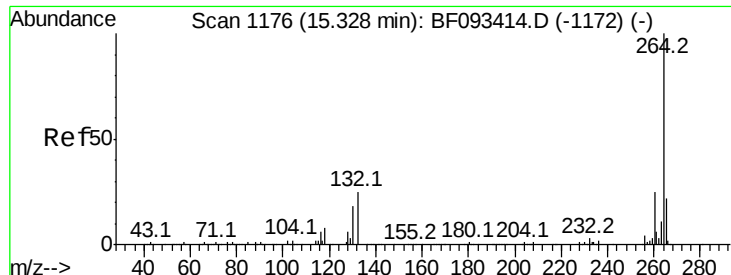


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

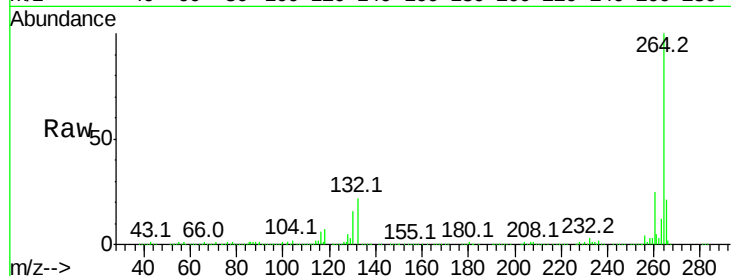




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093483.D
Acq: 9 Mar 2017 18:54

Instrument :
BNA_F
ClientSampleId :
PB97463BL

Tot Ion: 264 Resp: 590548
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.4 17.4 26.0



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

