

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084397.D
 Acq On : 11 Jan 2016 23:49
 Operator : SJ/UM
 Sample : H1074-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-13-010516

Quant Time: Jan 12 02:21:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

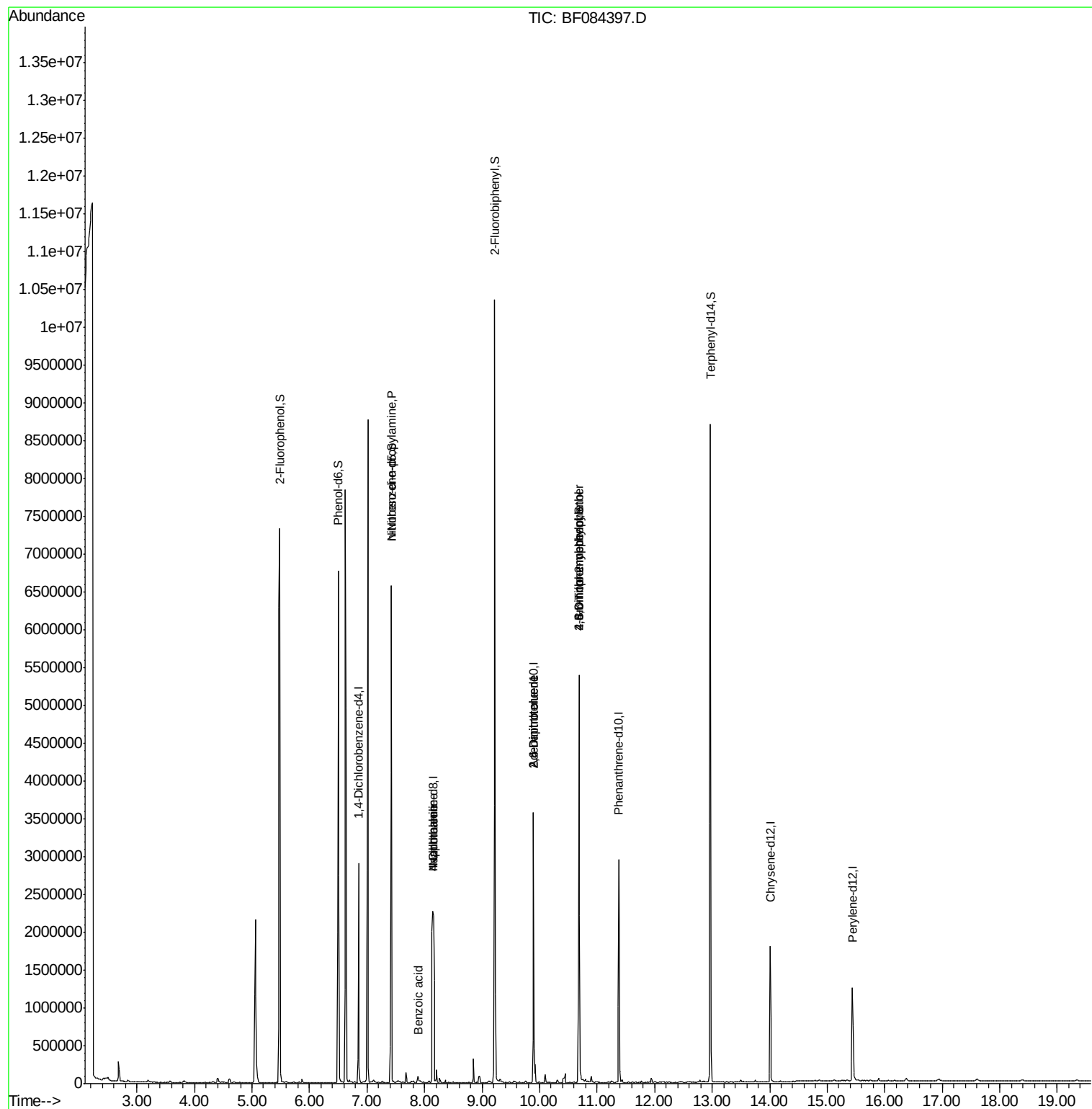
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	369428	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1447817	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	662009	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1091379	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	689351	20.00	ng	-0.06
86) Perylene-d12	15.44	264	598463	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2805416	122.83	ng	-0.01
7) Phenol-d6	6.50	99	2907314	101.35	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2568682	98.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	809791	121.16	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3302815	87.99	ng	-0.05
78) Terphenyl-d14	12.97	244	2669741	86.45	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	361893	18.64	ng	# 77
31) Naphthalene	8.16	128	1233144	18.77	ng	# 98
32) Benzoic acid	7.89	122	4446	6.50	ng	# 69
33) 4-Chloroaniline	8.16	127	159282	5.29	ng	# 26
50) 2,6-Dinitrotoluene	9.89	165	86299	8.31	ng	# 38
54) Dibenzofuran	10.10	168	48930	Below Cal		# 96
56) 2,4-Dinitrotoluene	9.89	165	87056	6.63	ng	# 22
57) Fluorene	10.44	166	36191	Below Cal		# 94
64) 4,6-Dinitro-2-methylphenol	10.68	198	1813	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	48076	4.09	ng	# 1
73) Di-n-butylphthalate	11.94	149	35816	Below Cal		# 99

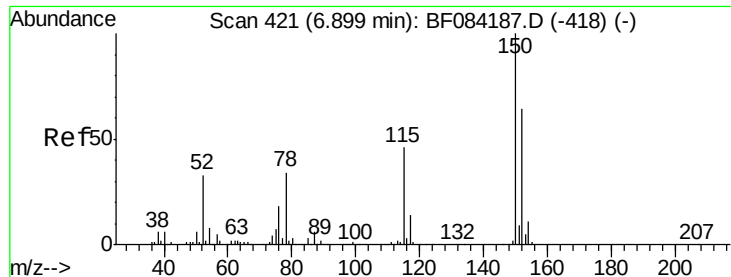
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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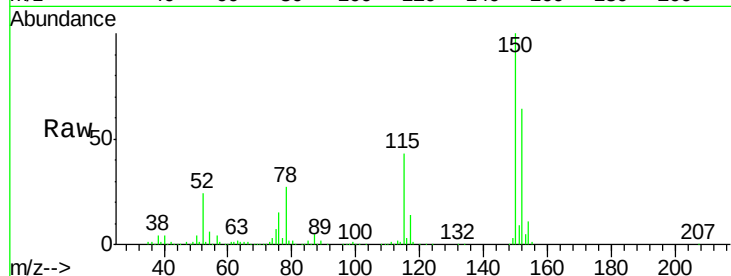


#1

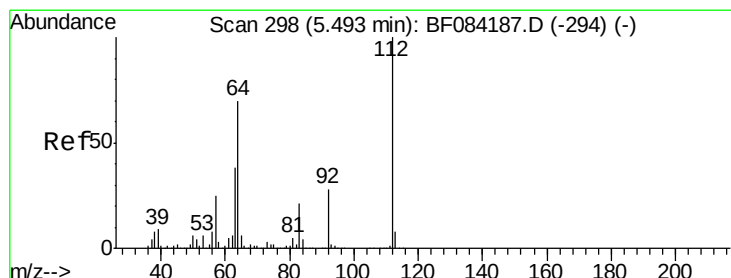
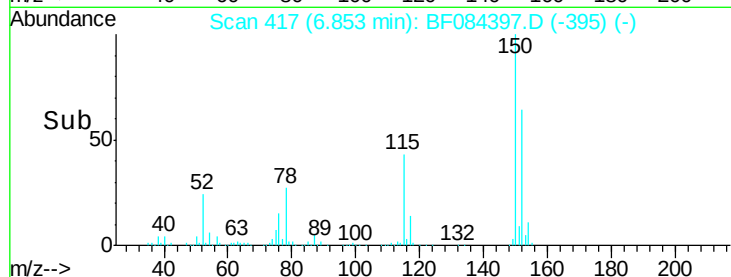
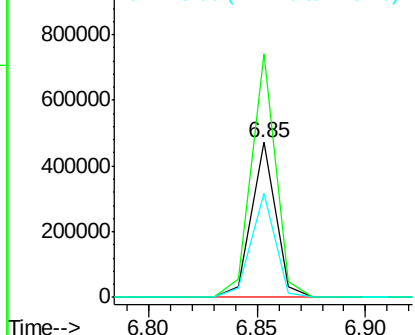
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Instrument :
BNA_F
ClientSampleId :
HSR-WC-13-010516

Tgt Ion:152 Resp: 369428
Ion Ratio Lower Upper
152 100
150 157.1 123.0 184.4
115 67.3 51.4 77.2



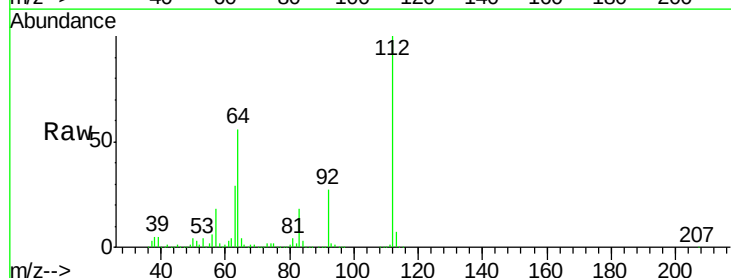
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



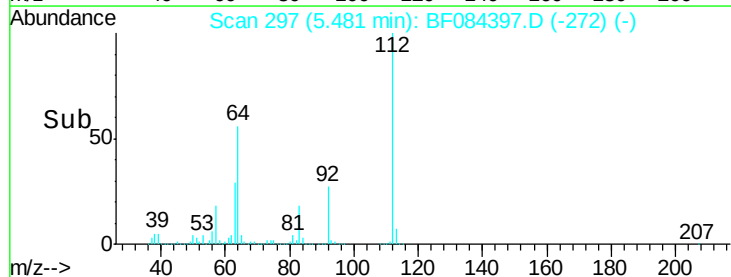
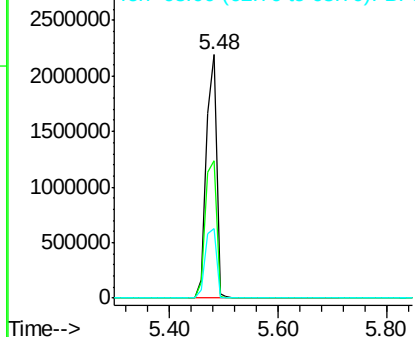
#5

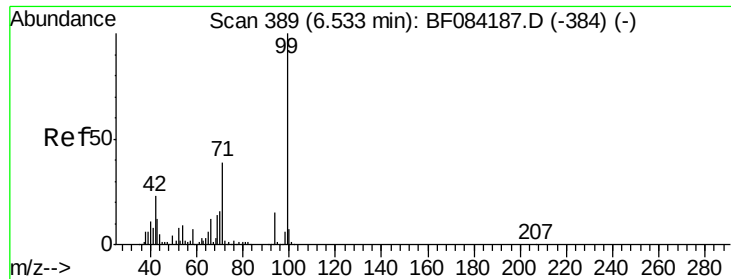
2-Fluorophenol
Concen: 122.83 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Tgt Ion:112 Resp: 2805416
Ion Ratio Lower Upper
112 100
64 56.2 36.6 55.0#
63 28.5 19.4 29.0



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: 101.35 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084397.D

Acq: 11 Jan 2016 23:49

Instrument :

BNA_F

ClientSampleId :

HSR-WC-13-010516

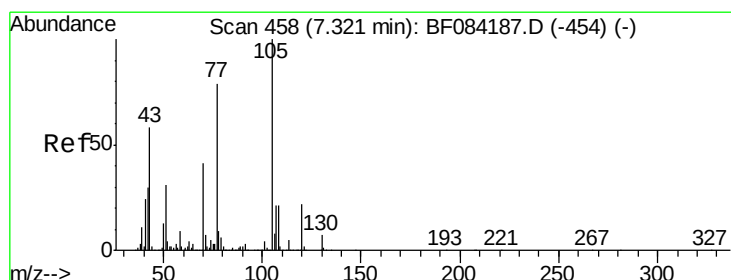
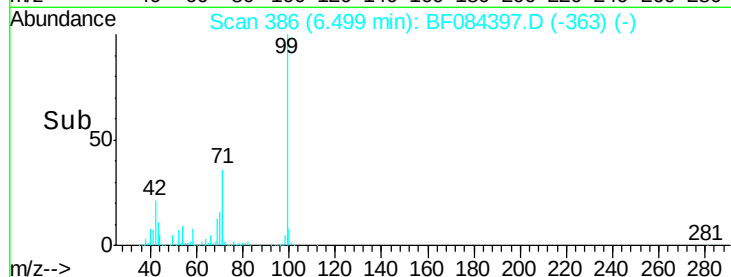
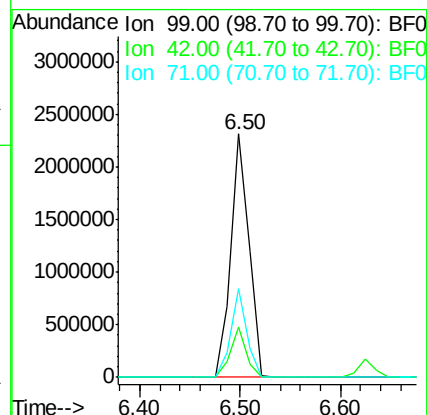
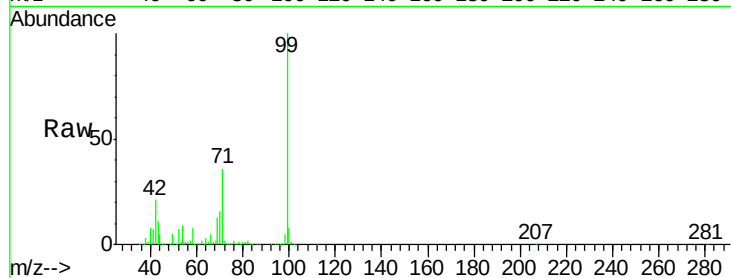
Tgt Ion: 99 Resp: 2907314

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

71 36.2 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.64 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084397.D

Acq: 11 Jan 2016 23:49

Tgt Ion: 70 Resp: 361893

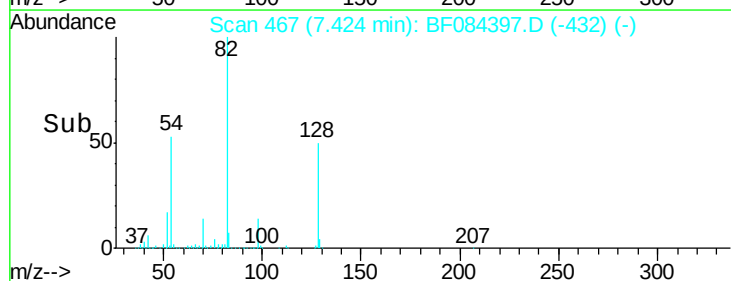
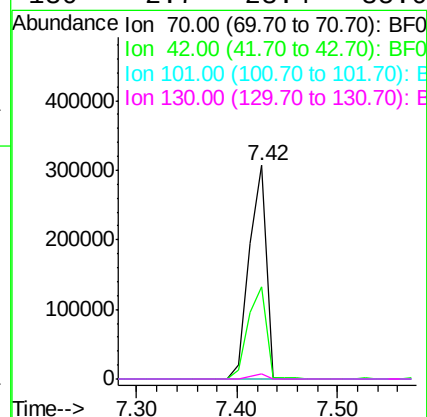
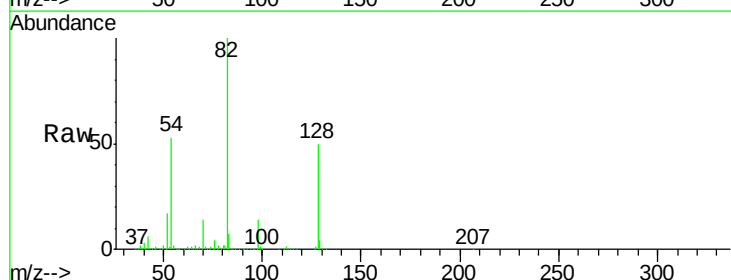
Ion Ratio Lower Upper

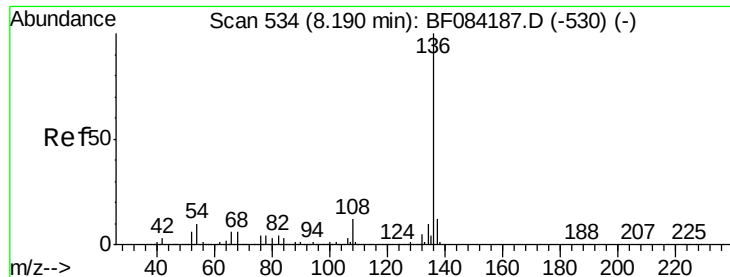
70 100

42 43.3 33.3 49.9

101 0.0 9.3 13.9#

130 2.7 23.4 35.0#

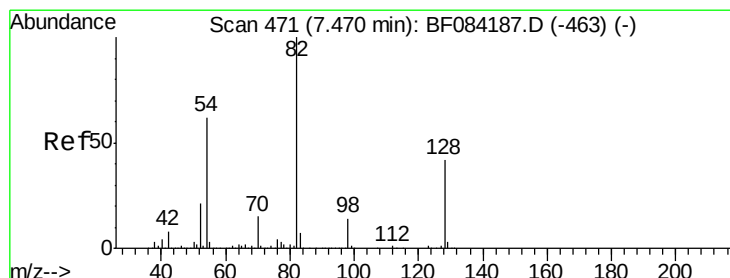
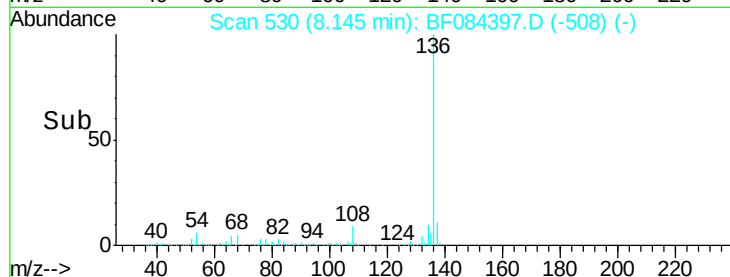
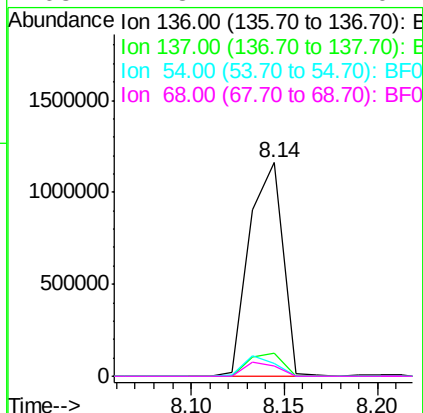
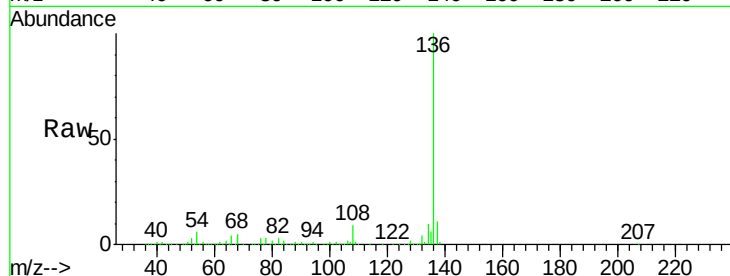




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

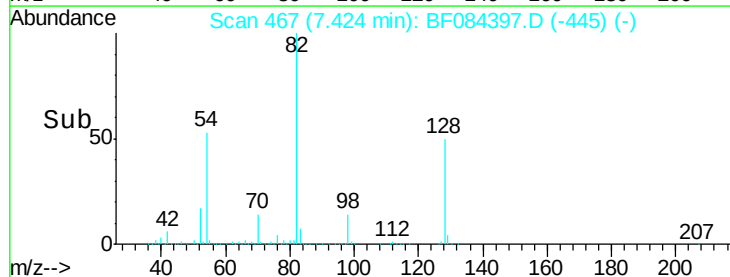
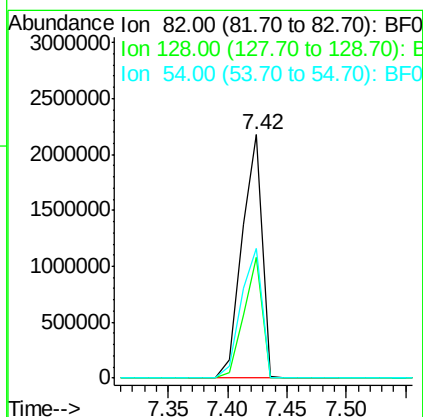
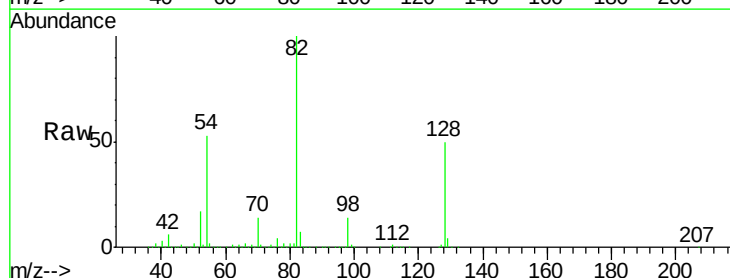
Instrument :
BNA_F
ClientSampleId :
HSR-WC-13-010516

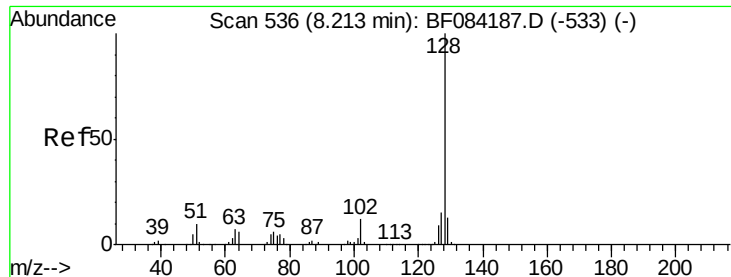
Tgt Ion:	136	Resp:	1447817
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.3	5.8	8.8
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 98.74 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Tgt Ion:	82	Resp:	2568682
Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.6	51.8
54	53.4	38.4	57.6

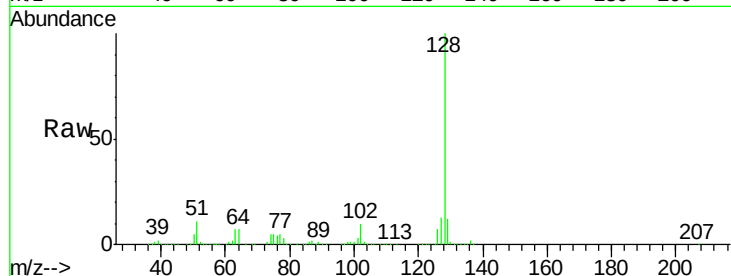




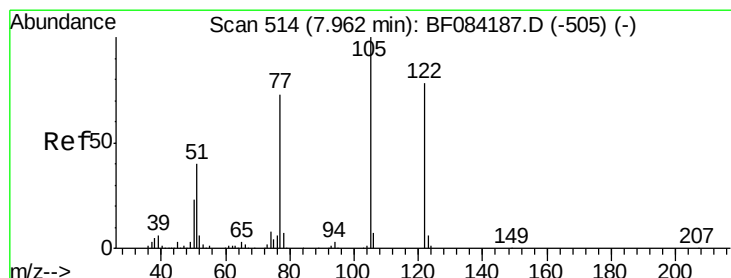
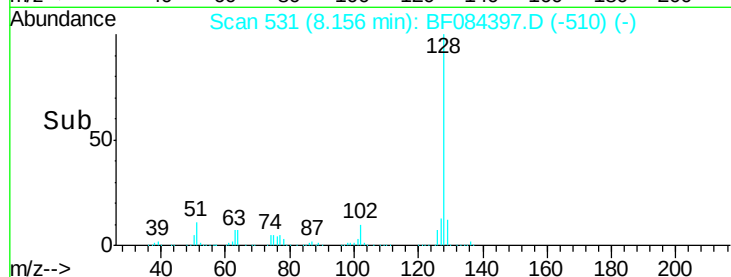
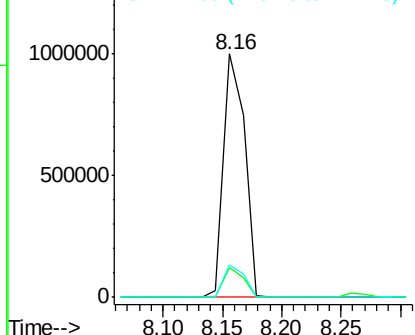
#31
Naphthalene
Concen: 18.77 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Instrument :
BNA_F
ClientSampleId :
HSR-WC-13-010516

Tgt Ion:128 Resp: 1233144
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.1 11.1 16.7

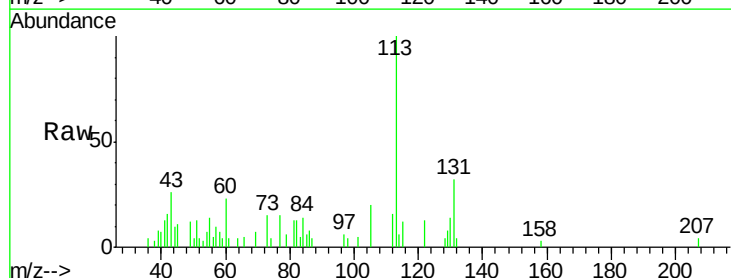


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

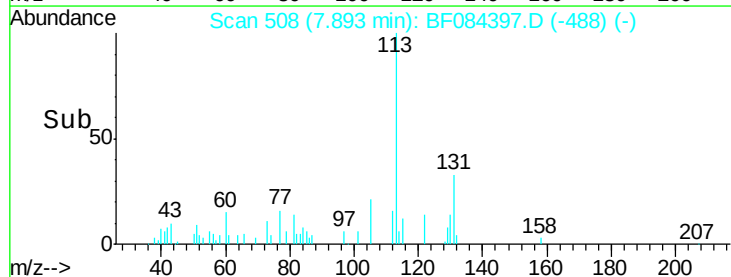
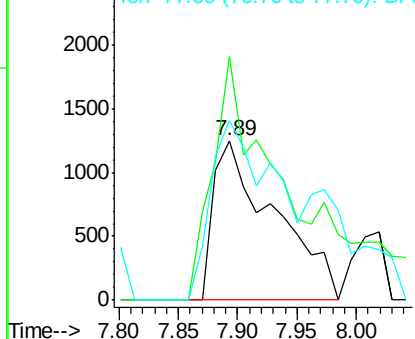


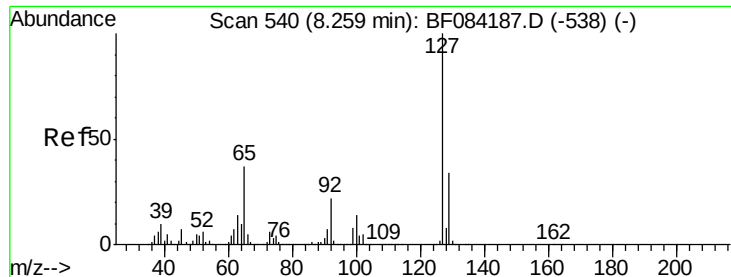
#32
Benzoic acid
Concen: 6.50 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.07 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Tgt Ion:122 Resp: 4446
Ion Ratio Lower Upper
122 100
105 153.0 100.3 140.3#
77 112.6 63.5 103.5#



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

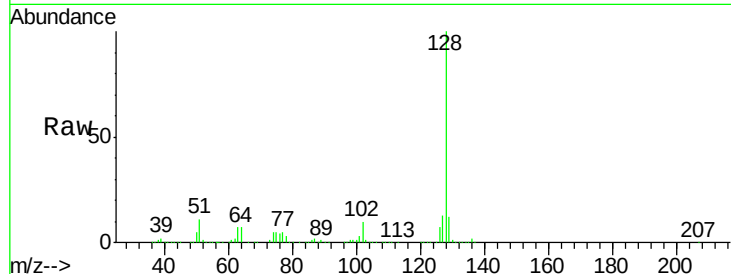




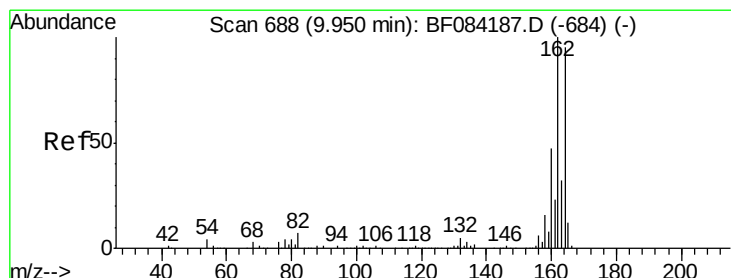
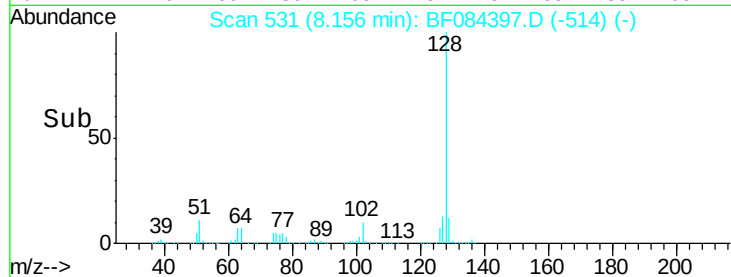
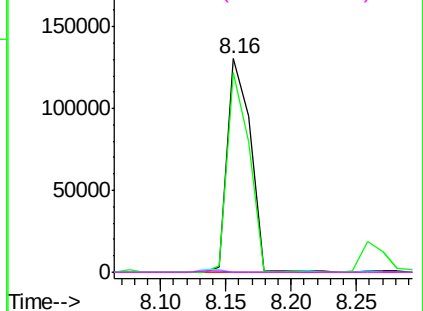
#33
4-Chloroaniline
Concen: 5.29 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.10 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Instrument :
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ClientSampleId :
HSR-WC-13-010516

Tgt Ion:	127	Resp:	159282
Ion	Ratio	Lower	Upper
127	100		
129	93.5	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#

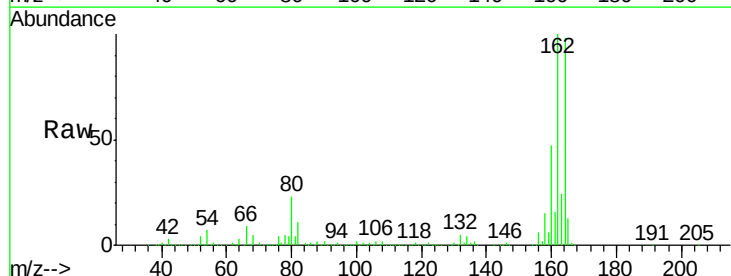


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

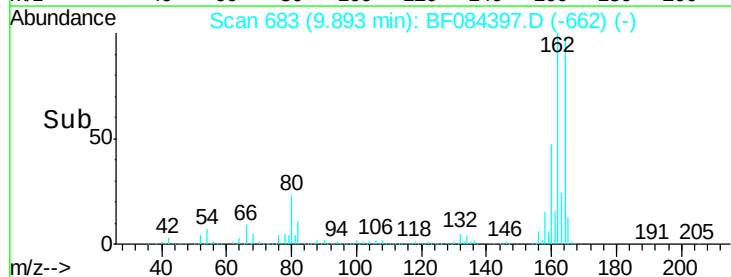
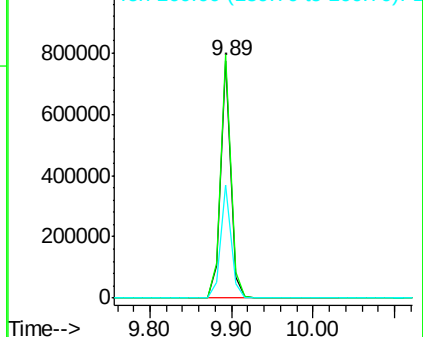


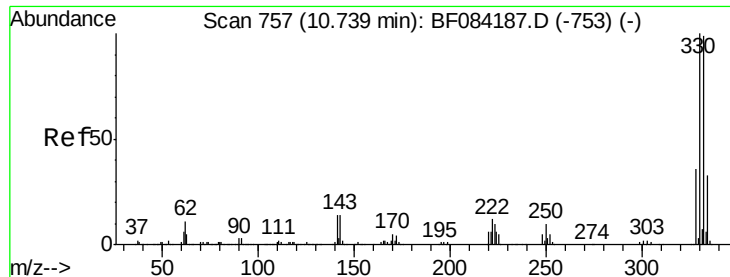
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Tgt Ion:	164	Resp:	662009
Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	47.6	37.5	56.3



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

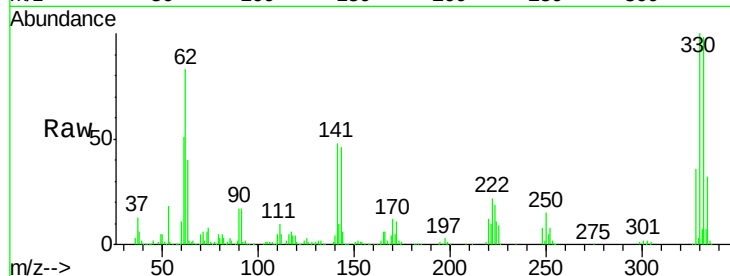




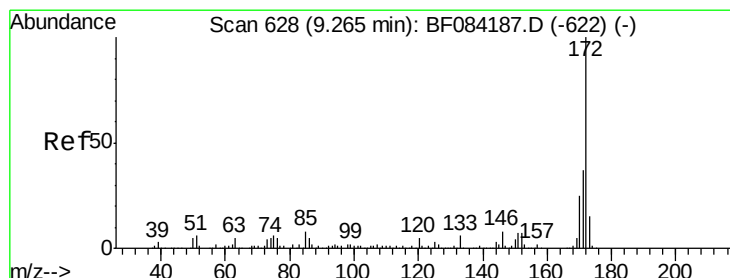
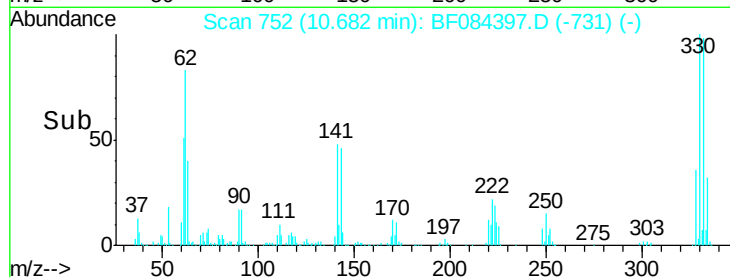
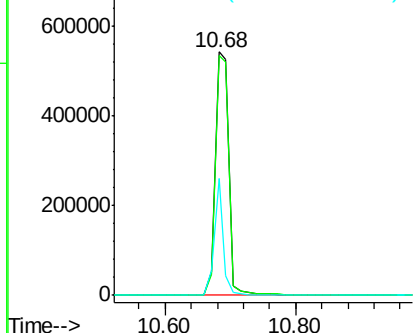
#41
 2,4,6-Tribromophenol
 Concen: 121.16 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084397.D
 Acq: 11 Jan 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-13-010516

Tgt Ion:330 Resp: 809791
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 32.2 27.8 41.6

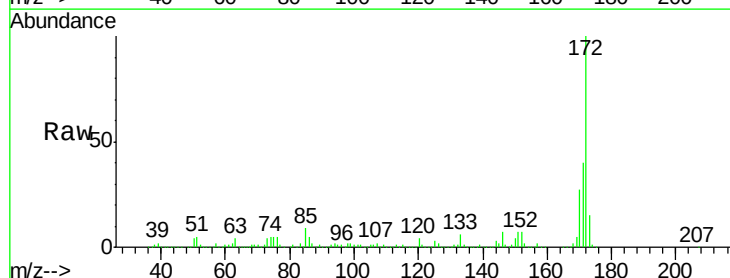


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

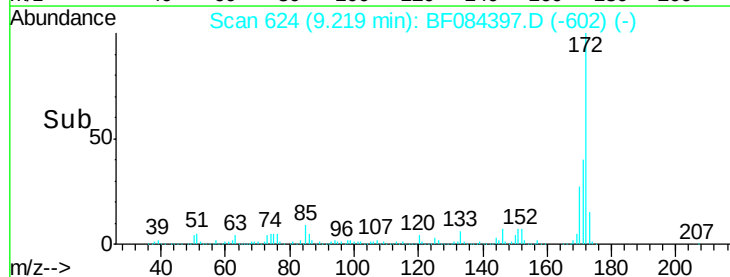
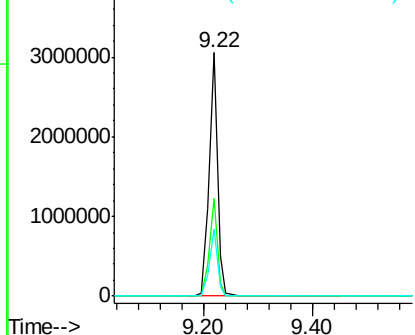


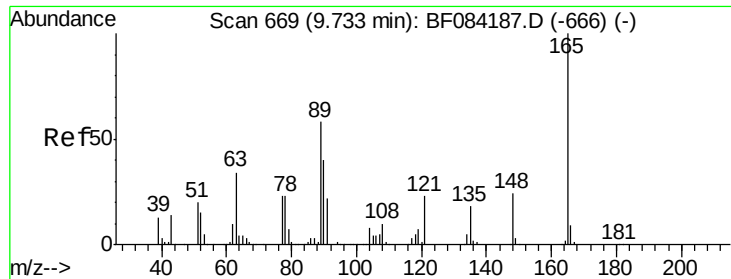
#44
 2-Fluorobiphenyl
 Concen: 87.99 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084397.D
 Acq: 11 Jan 2016 23:49

Tgt Ion:172 Resp: 3302815
 Ion Ratio Lower Upper
 172 100
 171 40.0 28.9 43.3
 170 27.5 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

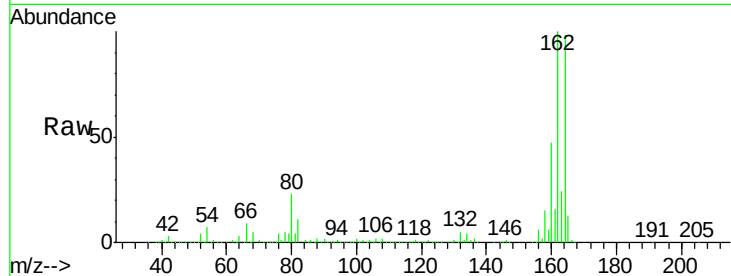




#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Instrument :
BNA_F
ClientSampleId :
HSR-WC-13-010516

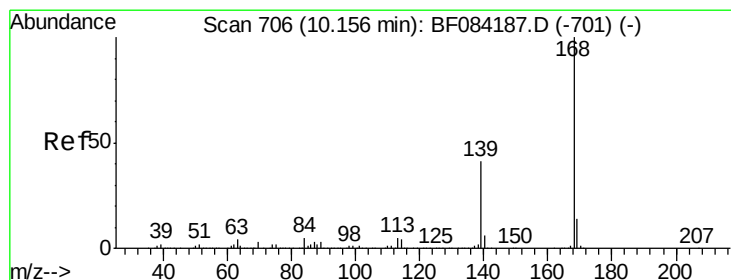
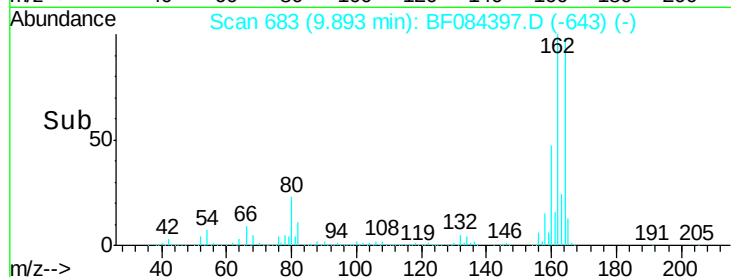
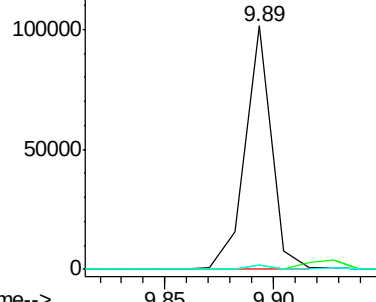
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	1.6	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

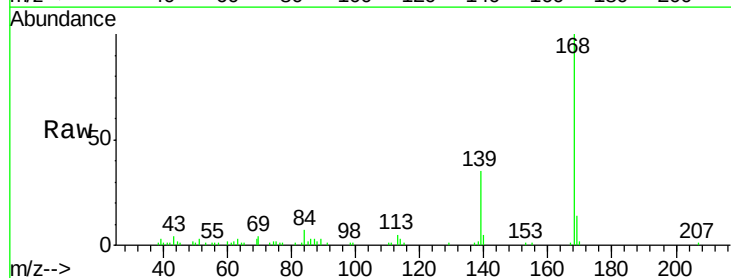
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

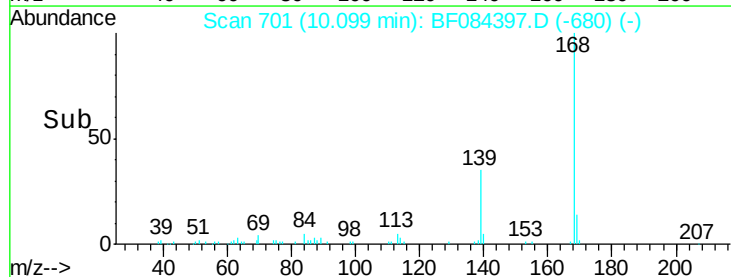
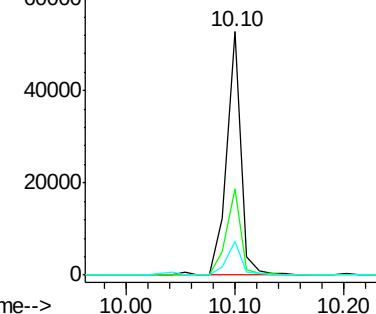
Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.5	45.7
169	14.0	10.4	15.6

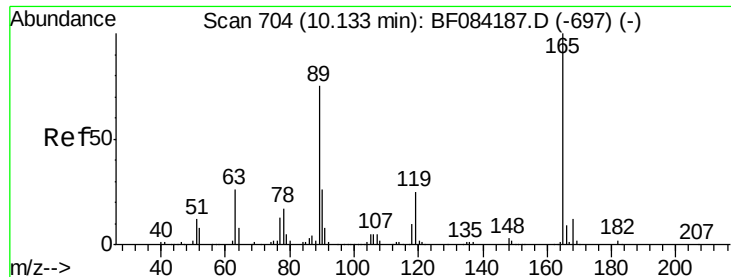


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

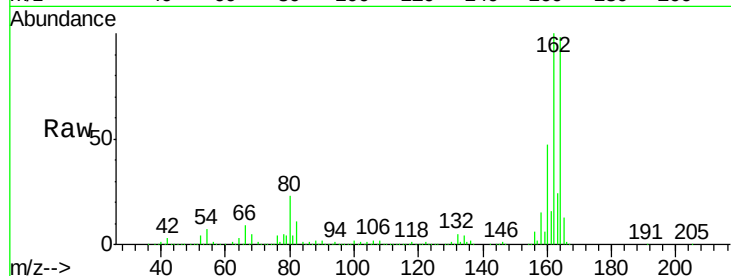




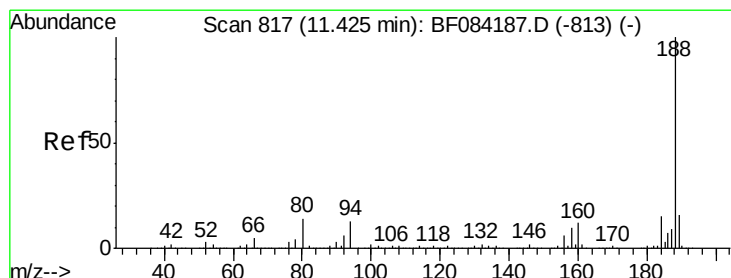
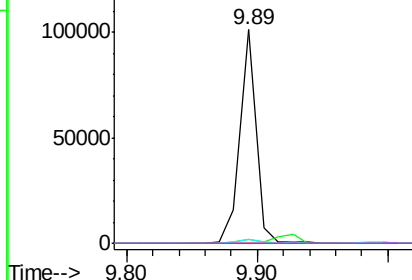
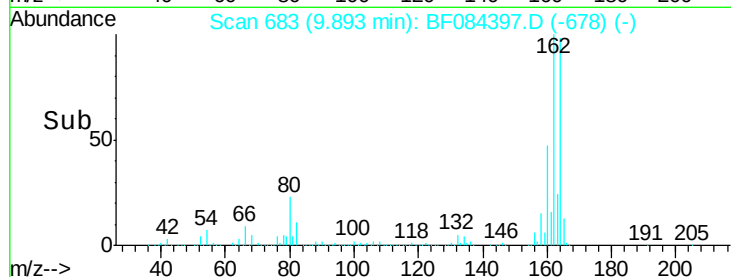
#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084397.D
 Acq: 11 Jan 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-13-010516

Tgt Ion:165 Resp: 87056
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.7 55.1#
 89 1.6 61.9 92.9#
 182 0.0 2.0 3.0#

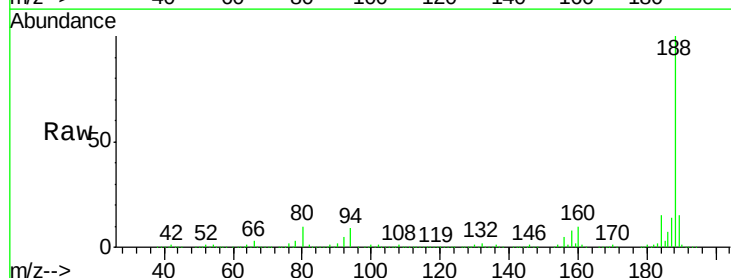


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

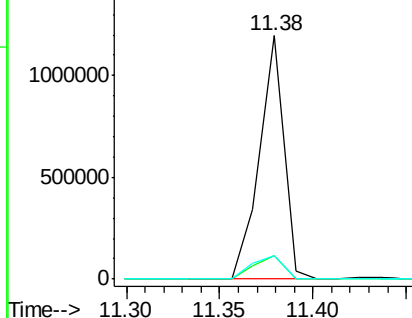
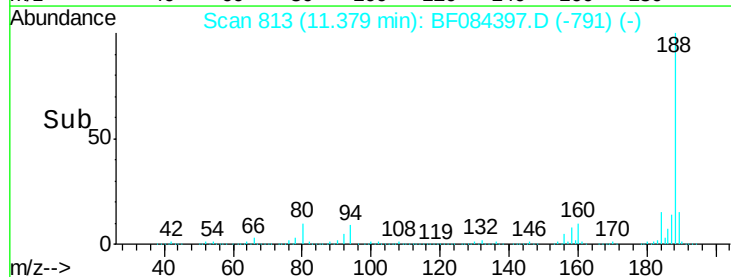


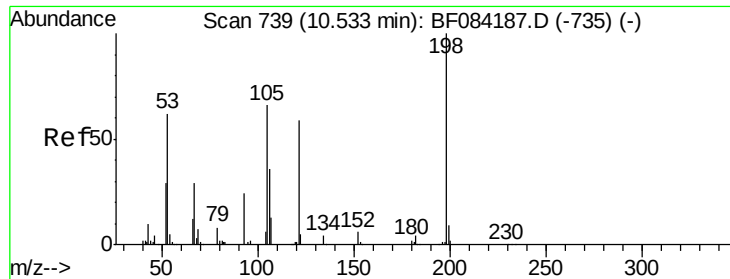
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084397.D
 Acq: 11 Jan 2016 23:49

Tgt Ion:188 Resp: 1091379
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.0 13.4
 80 9.6 9.6 14.4#



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

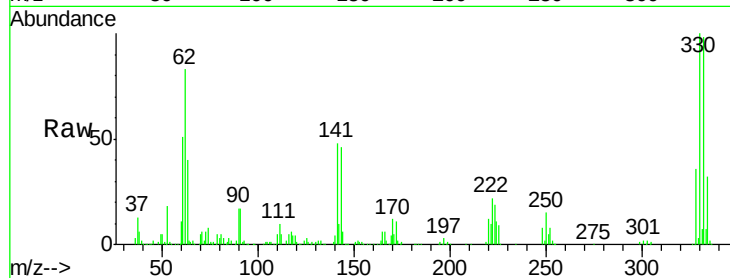




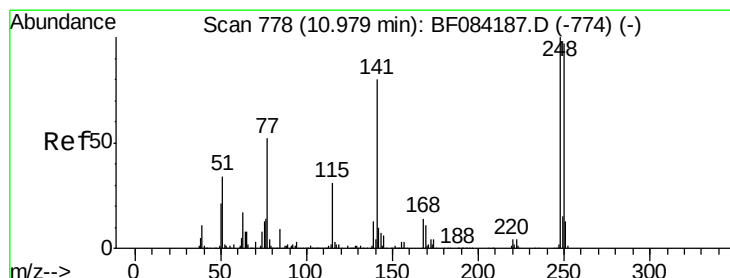
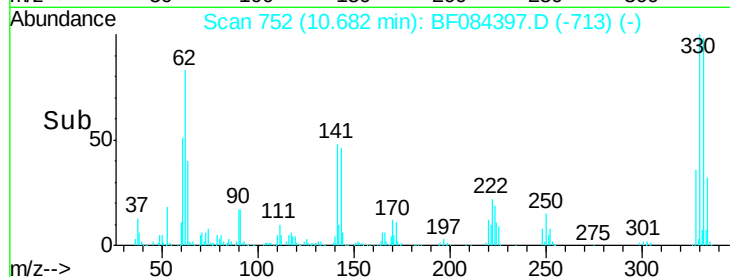
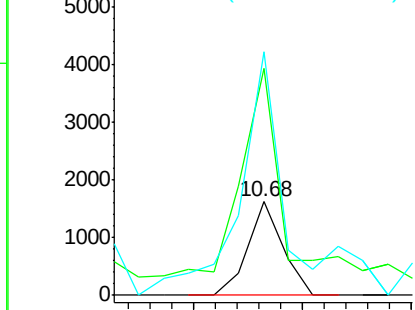
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.62 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.15 min
 Lab File: BF084397.D
 Acq: 11 Jan 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-13-010516

Tgt Ion:198 Resp: 1813
 Ion Ratio Lower Upper
 198 100
 51 242.5 18.9 58.9#
 105 260.9 26.4 66.4#

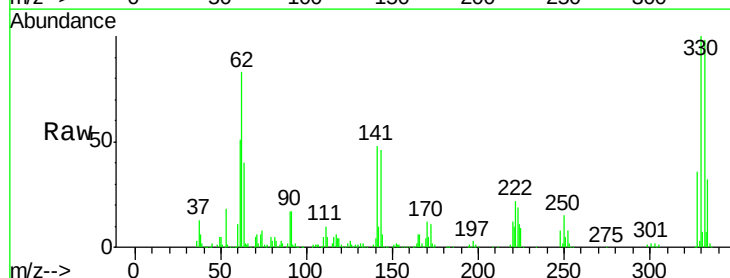


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

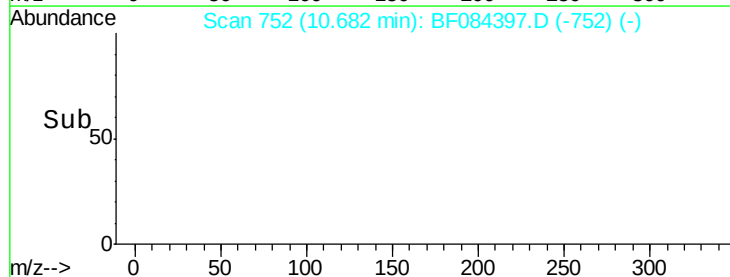
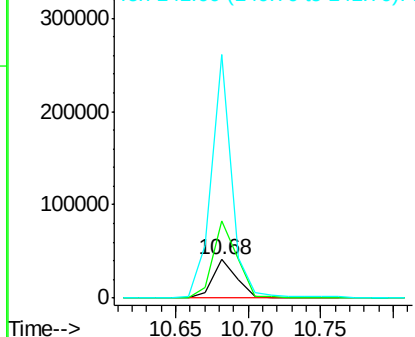


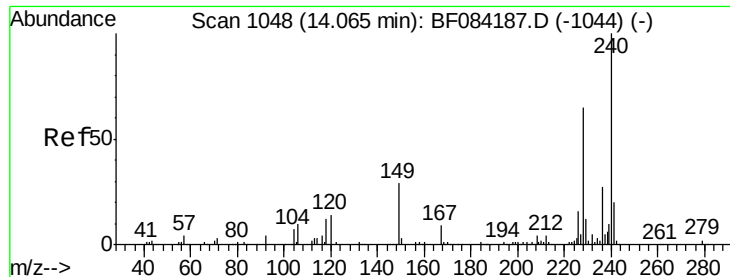
#66
 4-Bromophenyl-phenylether
 Concen: 4.09 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.30 min
 Lab File: BF084397.D
 Acq: 11 Jan 2016 23:49

Tgt Ion:248 Resp: 48076
 Ion Ratio Lower Upper
 248 100
 250 200.4 78.4 117.6#
 141 628.1 44.0 66.0#



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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084397.D

Acq: 11 Jan 2016 23:49

Instrument :

BNA_F

ClientSampleId :

HSR-WC-13-010516

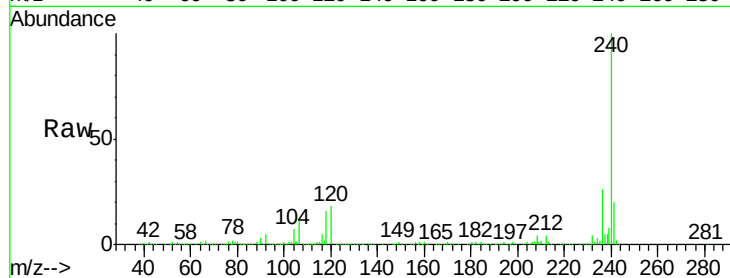
Tgt Ion:240 Resp: 689351

Ion Ratio Lower Upper

240 100

120 17.9 9.5 14.3#

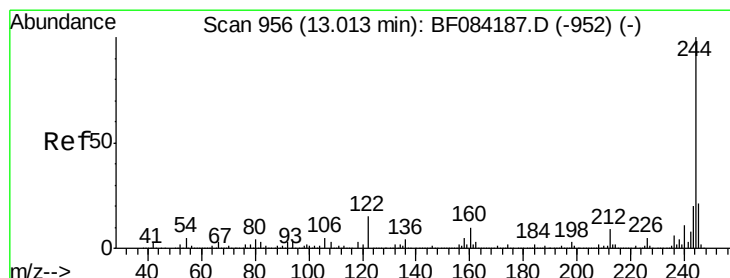
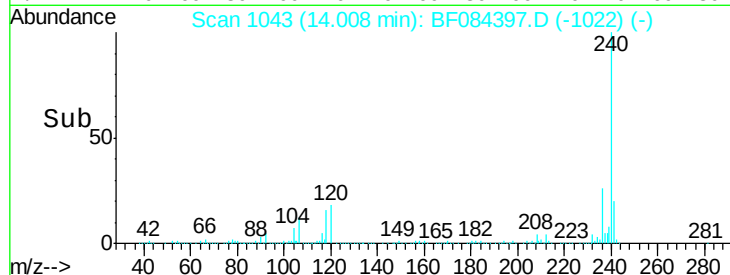
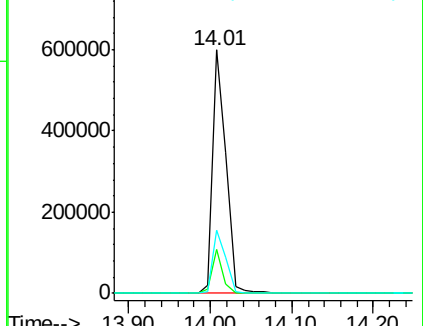
236 26.1 20.6 31.0



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: 86.45 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084397.D

Acq: 11 Jan 2016 23:49

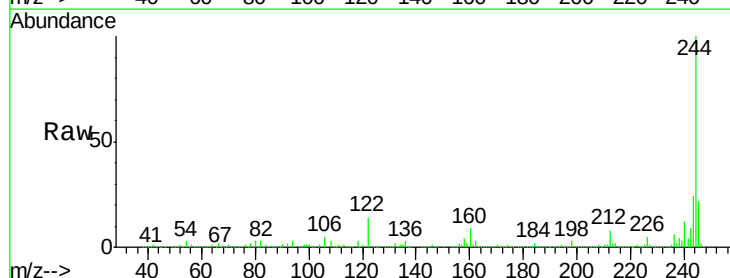
Tgt Ion:244 Resp: 2669741

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

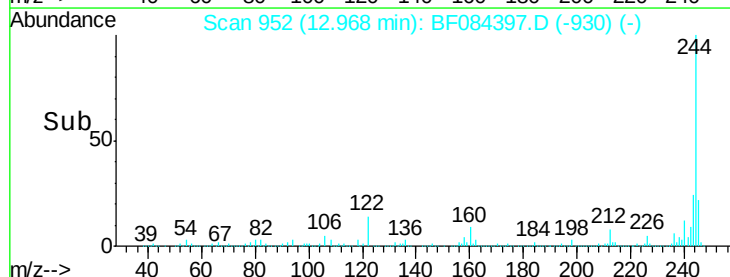
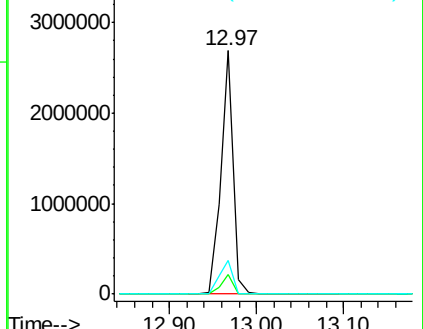
122 13.8 7.4 11.0#

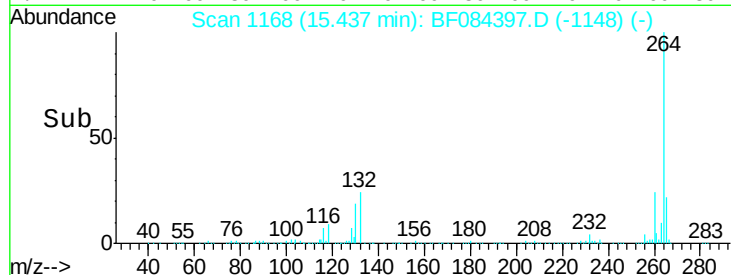
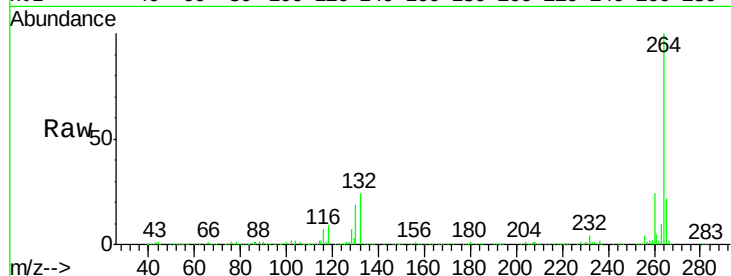
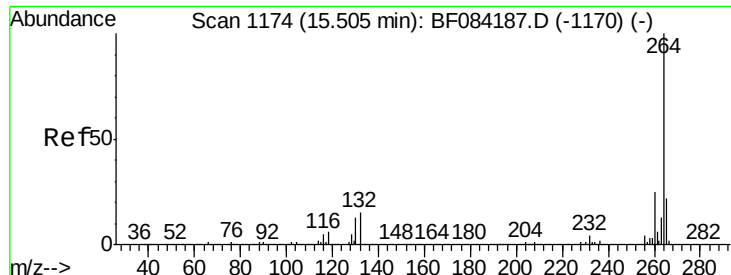


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084397.D
Acq: 11 Jan 2016 23:49

Instrument :
BNA_F
ClientSampleId :
HSR-WC-13-010516

Tgt Ion:	264	Resp:	598463
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.9	17.8	26.6

