

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085139.D
 Acq On : 3 Mar 2016 00:29
 Operator : SJ/IZ
 Sample : H1623-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Quant Time: Mar 03 04:48:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	167393	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	695305	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	295464	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	508684	20.00	ng	0.00
75) Chrysene-d12	14.15	240	366726	20.00	ng	0.00
86) Perylene-d12	15.63	264	382072	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1424045	138.11	ng	0.03
7) Phenol-d6	6.62	99	1744126	129.03	ng	0.00
23) Nitrobenzene-d5	7.56	82	1297782	99.30	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	541602	182.40	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1783808	88.92	ng	0.00
78) Terphenyl-d14	13.10	244	1559129	99.73	ng	0.00

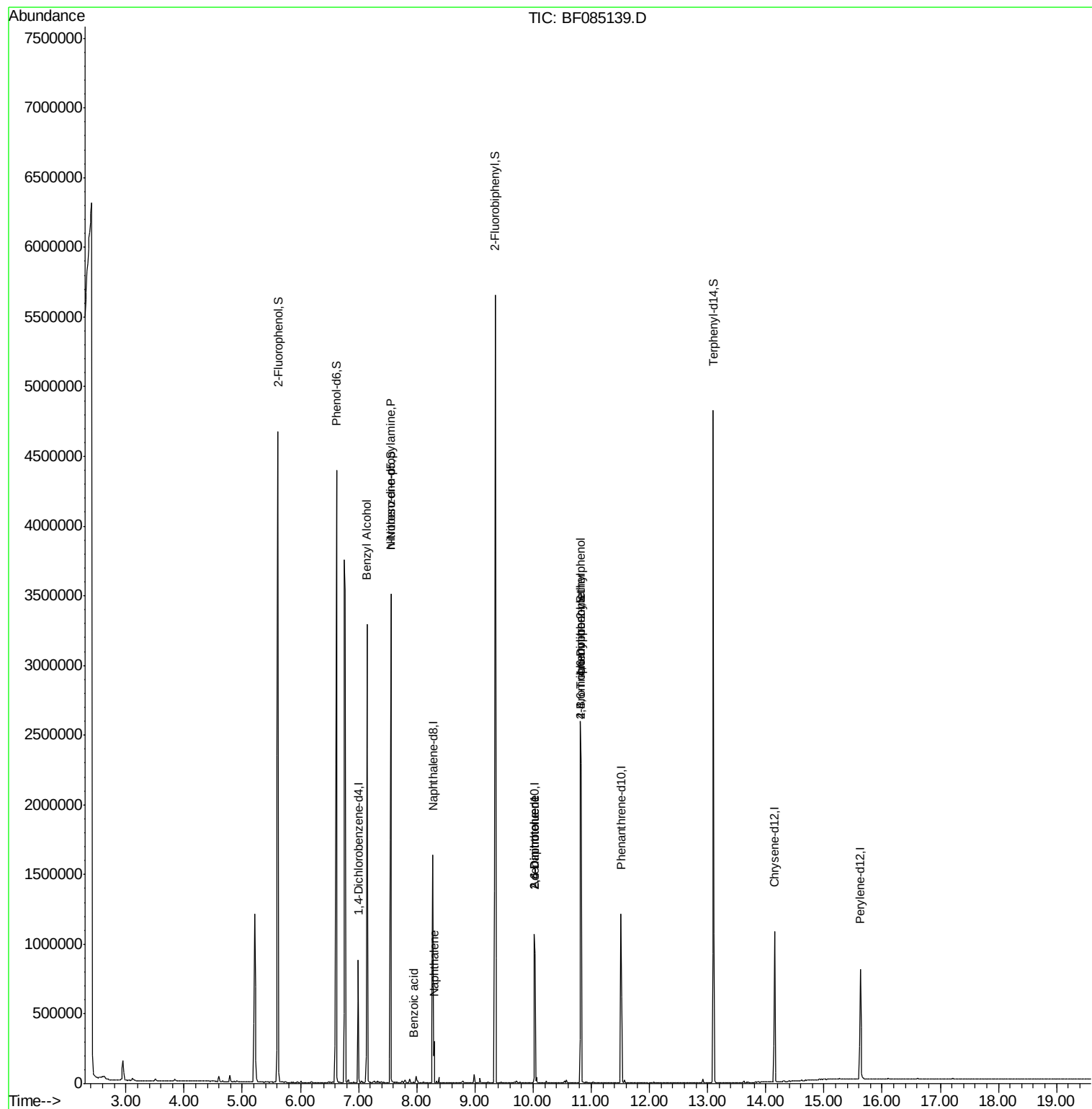
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	1166	Below Cal	#	73
15) Benzyl Alcohol	7.14	79	20218	2.05	ng	52
19) n-Nitroso-di-n-propylamine	7.56	70	179588	20.16	ng	77
31) Naphthalene	8.30	128	157959	4.49	ng	97
32) Benzoic acid	7.96	122	1796	12.60	ng	92
50) 2,6-Dinitrotoluene	10.02	165	37415	8.24	ng	22
56) 2,4-Dinitrotoluene	10.02	165	37416	6.11	ng	19
64) 4,6-Dinitro-2-methylphenol	10.81	198	1091	7.51	ng	1
66) 4-Bromophenyl-phenylether	10.82	248	30933	5.79	ng	1

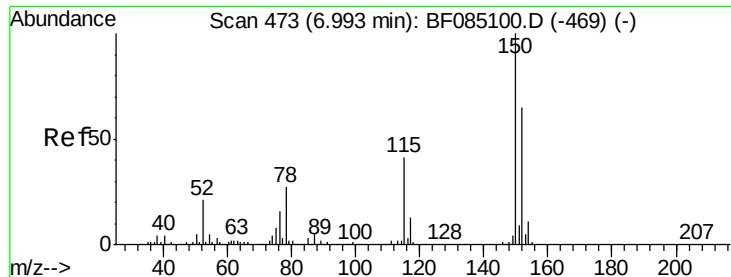
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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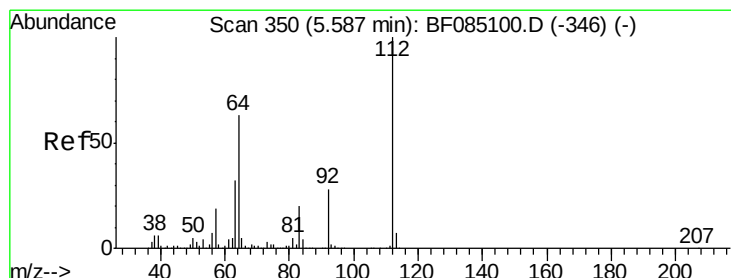
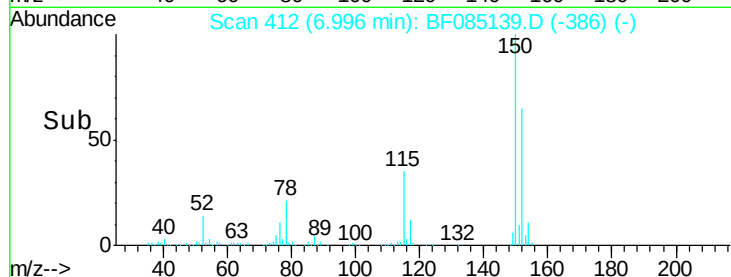
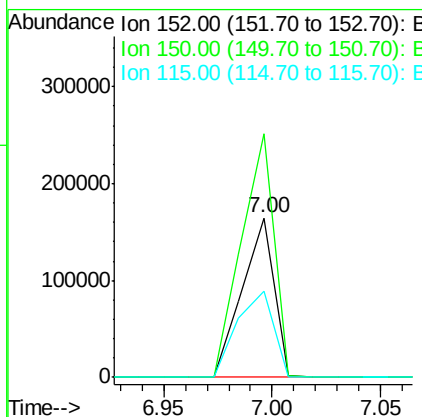
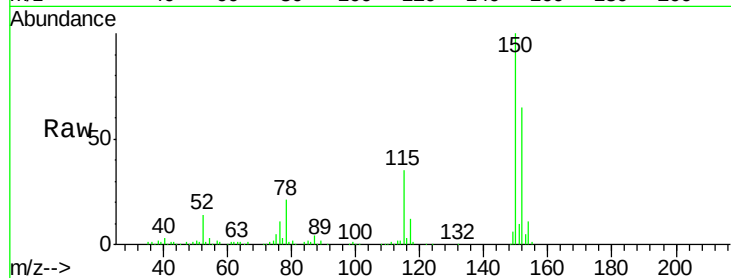


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

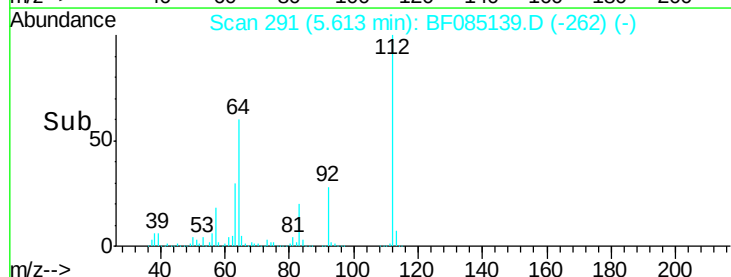
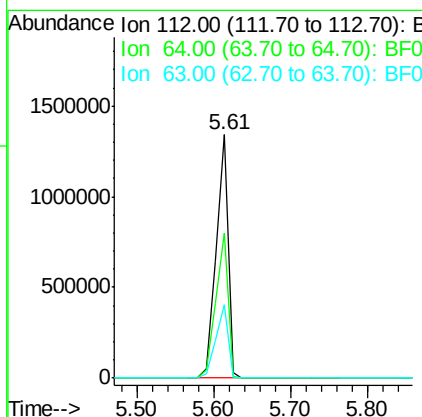
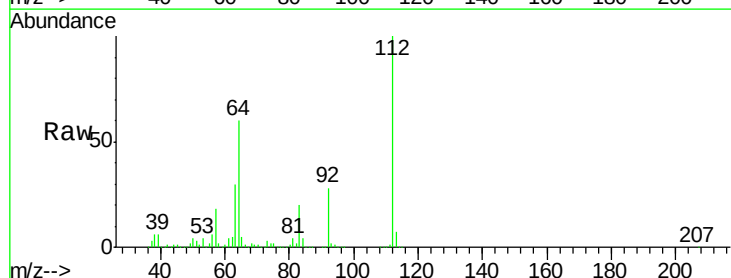
Tgt Ion:152 Resp: 167393
Ion Ratio Lower Upper
152 100
150 152.7 123.4 185.0
115 54.0 50.0 75.0

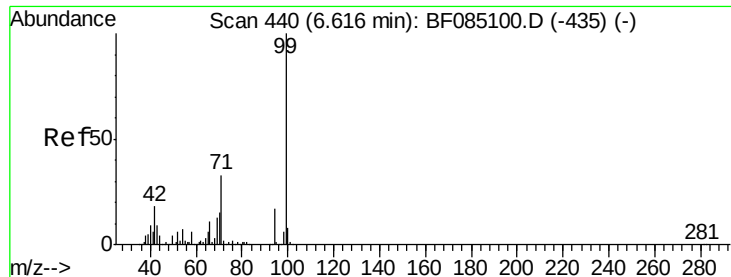


#5

2-Fluorophenol
Concen: 138.11 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Tgt Ion:112 Resp: 1424045
Ion Ratio Lower Upper
112 100
64 59.5 50.6 76.0
63 30.1 25.5 38.3





#7

Phenol-d6

Concen: 129.03 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

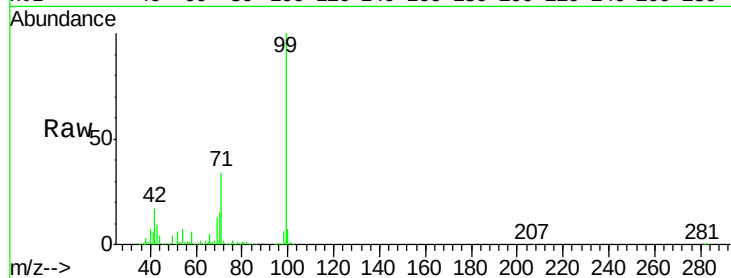
Tgt Ion: 99 Resp: 1744126

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

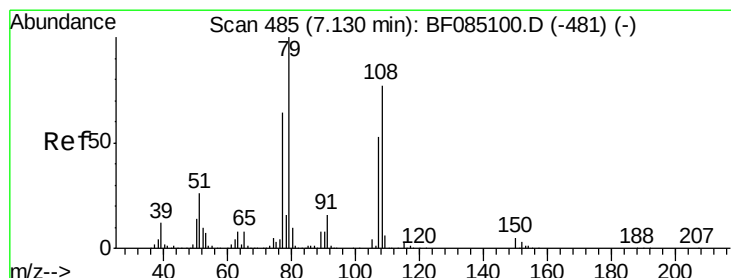
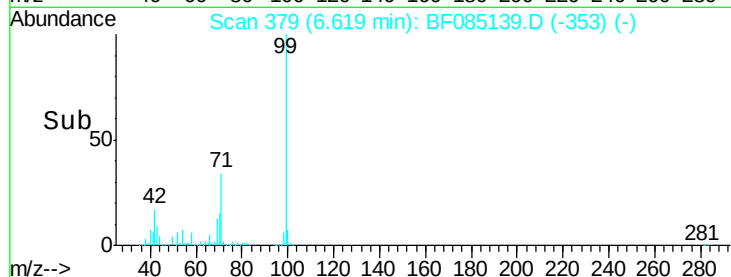
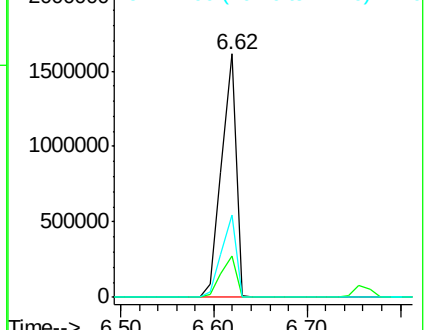
71 33.6 26.8 40.2



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: 2.05 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

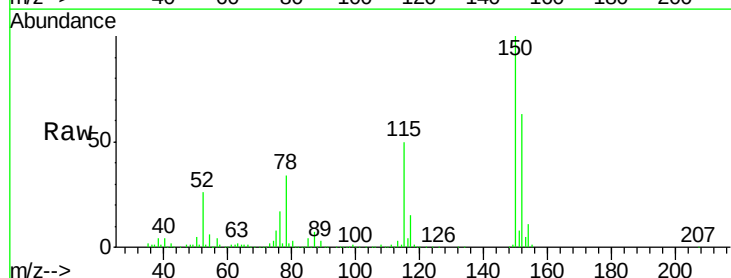
Tgt Ion: 79 Resp: 20218

Ion Ratio Lower Upper

79 100

108 29.9 61.8 92.6#

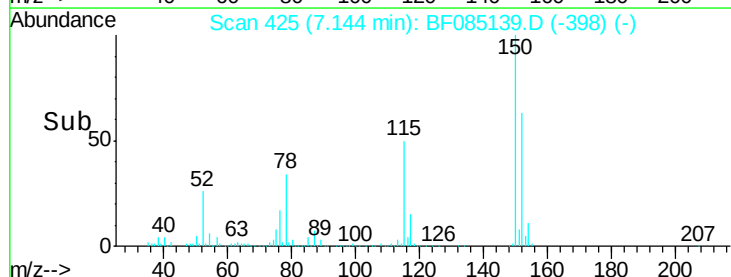
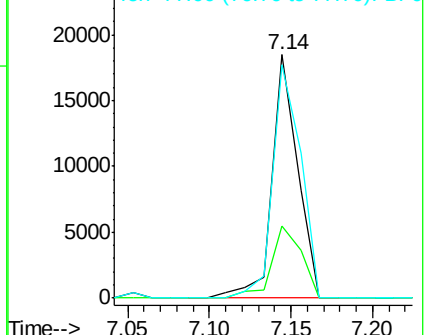
77 95.8 51.2 76.8#

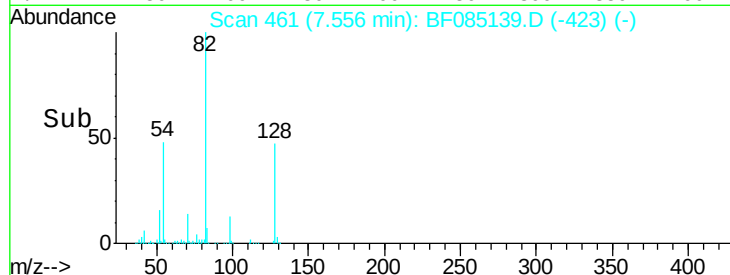
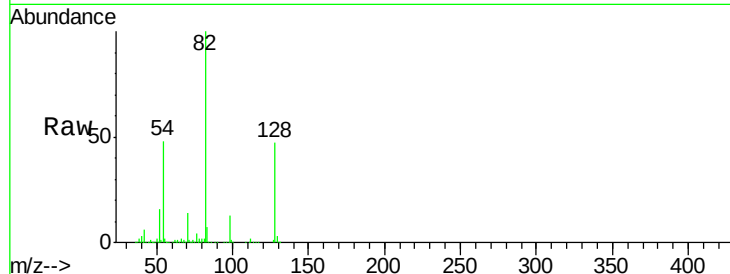
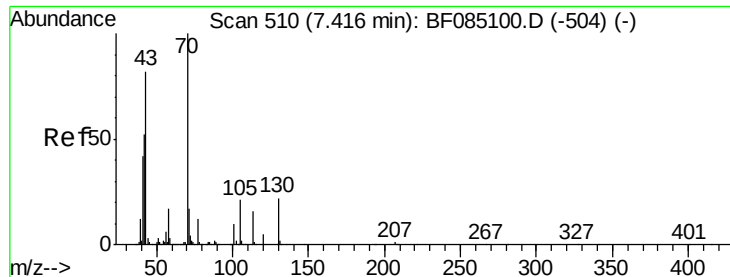


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

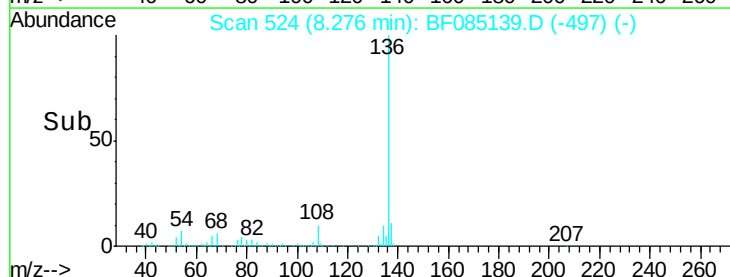
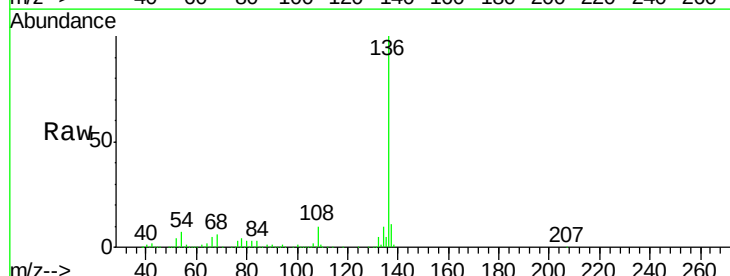
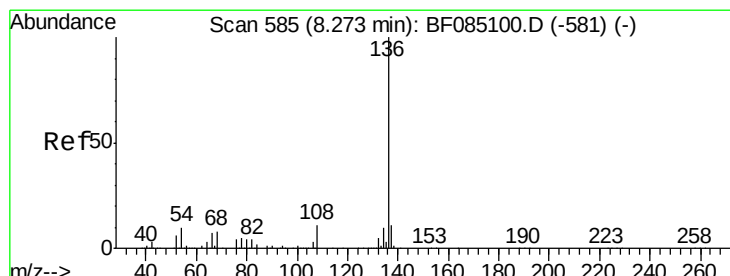
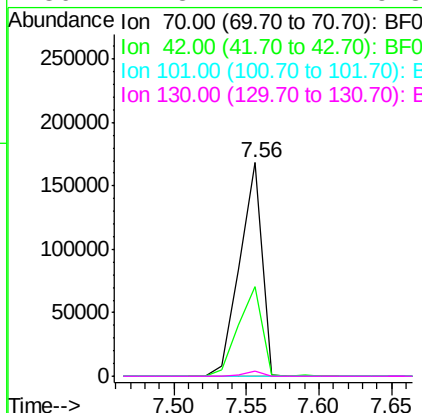




#19
n-Nitroso-di-n-propylamine
Concen: 20.16 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

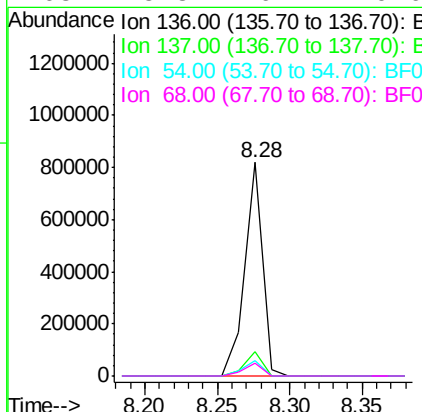
Instrument :
BNA_F
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HSR-WC-31-022516

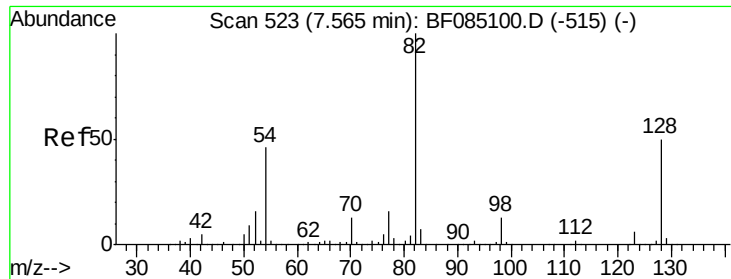
Tgt Ion:	70	Resp:	179588
Ion	Ratio	Lower	Upper
70	100		
42	41.7	41.9	62.9#
101	0.0	7.8	11.8#
130	2.3	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Tgt Ion:	136	Resp:	695305
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.2	8.5	12.7#
68	5.8	6.4	9.6#

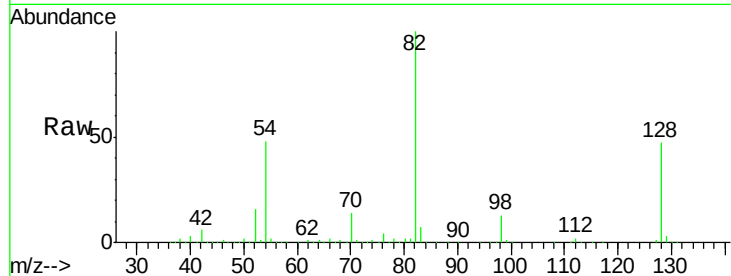




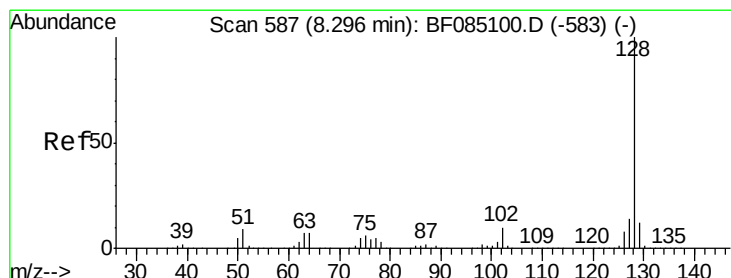
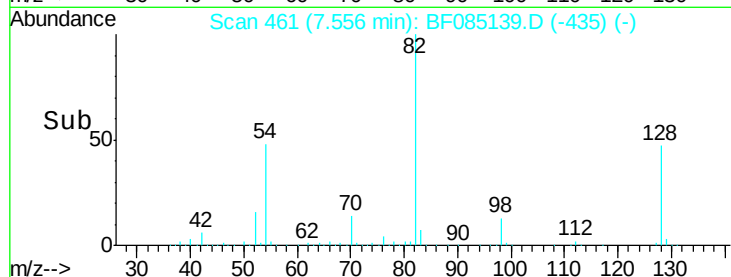
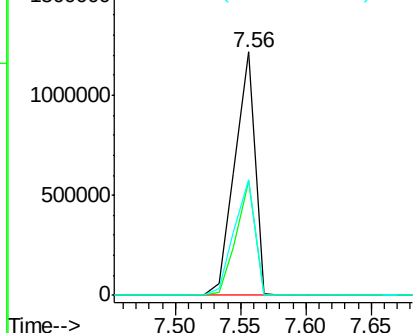
#23
 Nitrobenzene-d5
 Concen: 99.30 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085139.D
 Acq: 3 Mar 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Tgt Ion: 82 Resp: 1297782
 Ion Ratio Lower Upper
 82 100
 128 46.9 39.8 59.6
 54 47.7 36.6 54.8

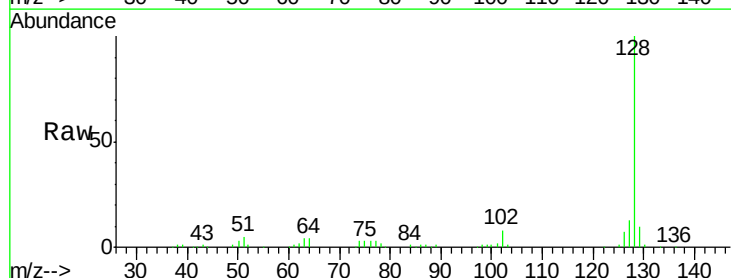


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

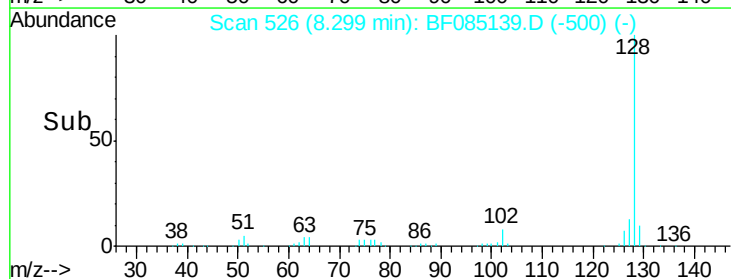
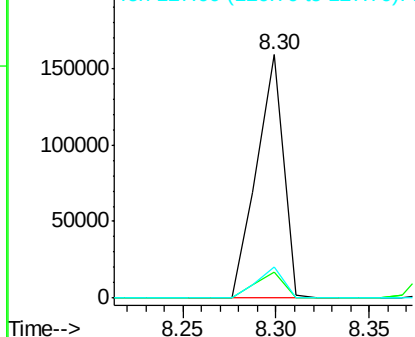


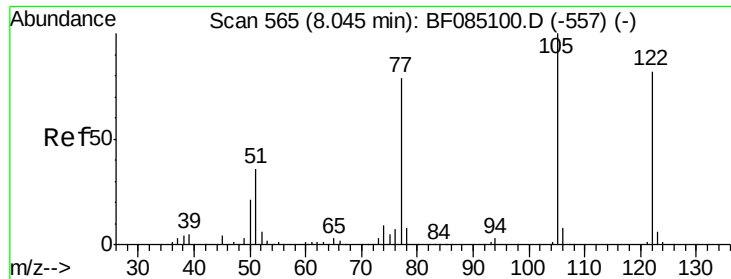
#31
 Naphthalene
 Concen: 4.49 ng
 RT: 8.30 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF085139.D
 Acq: 3 Mar 2016 00:29

Tgt Ion: 128 Resp: 157959
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.7 14.5
 127 13.0 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

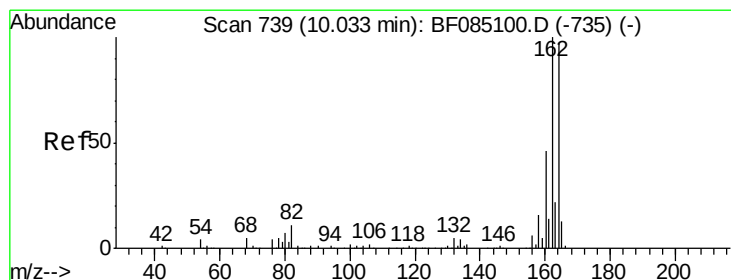
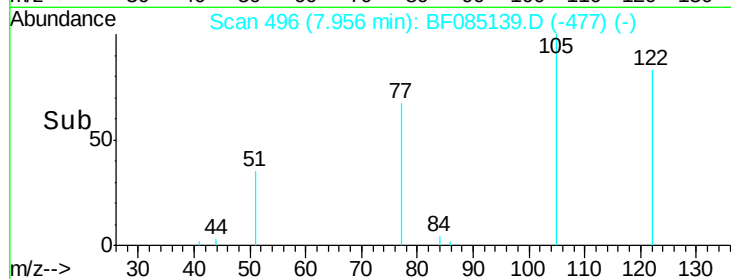
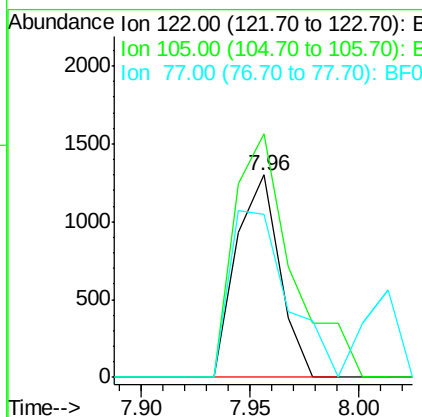
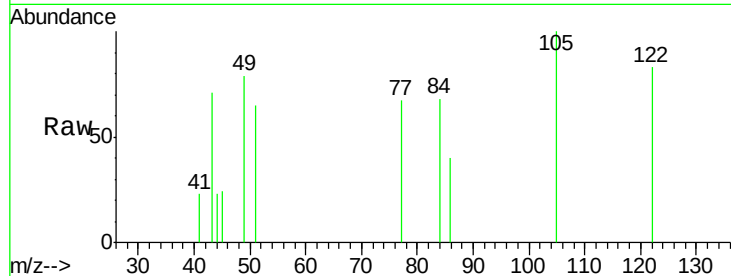




#32
Benzoic acid
Concen: 12.60 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

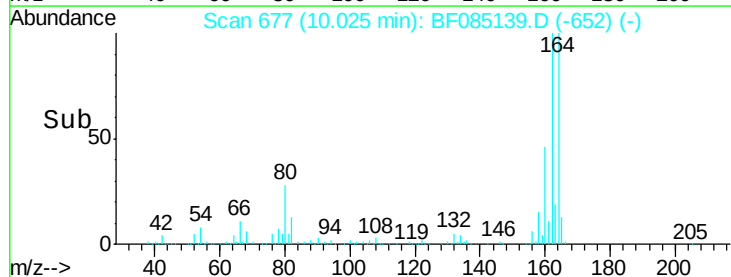
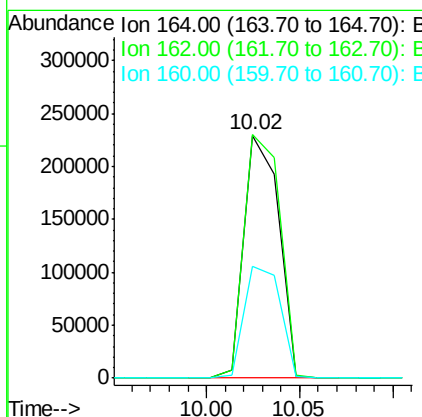
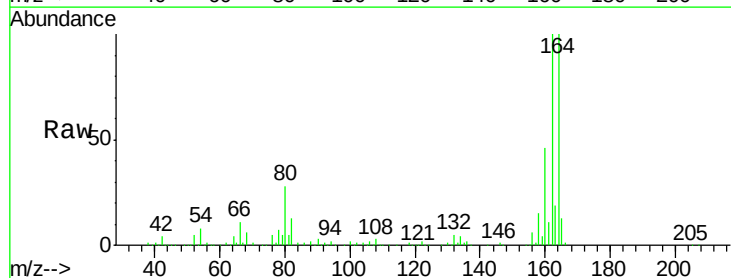
Instrument :
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ClientSampleId :
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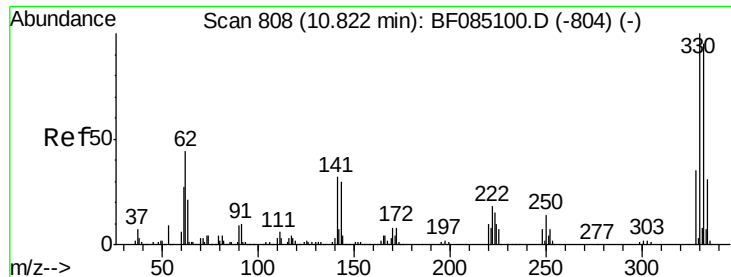
Tgt Ion:122 Resp: 1796
Ion Ratio Lower Upper
122 100
105 120.4 102.0 142.0
77 80.3 76.8 116.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Tgt Ion:164 Resp: 295464
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 46.3 38.2 57.2

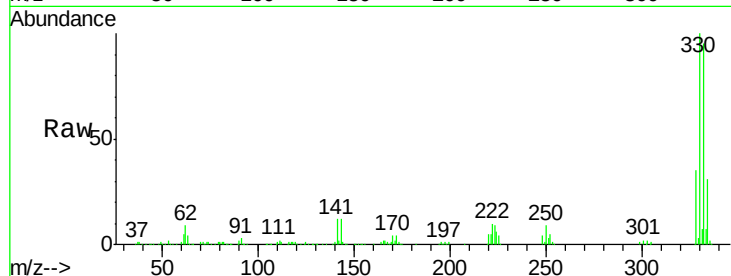




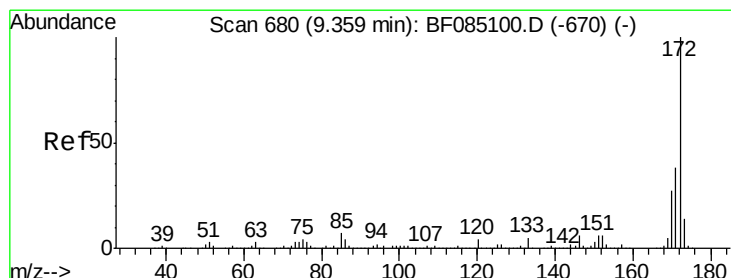
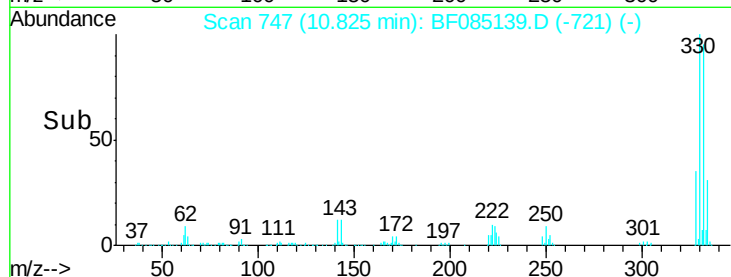
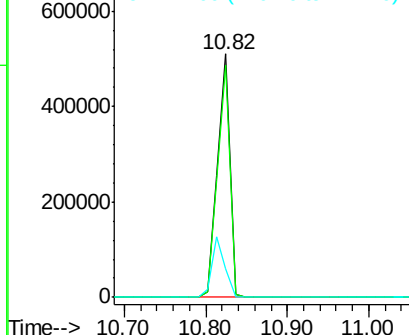
#41
 2,4,6-Tribromophenol
 Concen: 182.40 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085139.D
 Acq: 3 Mar 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-31-022516

Tgt Ion:330 Resp: 541602
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 26.1 28.9 43.3#

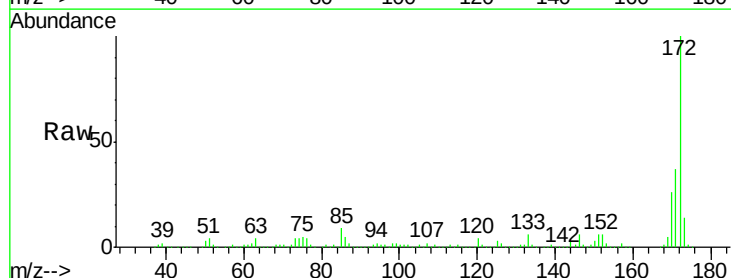


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

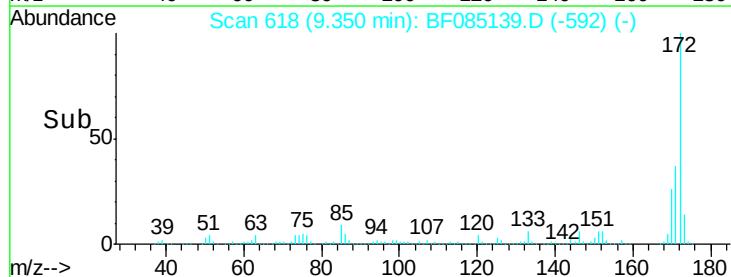
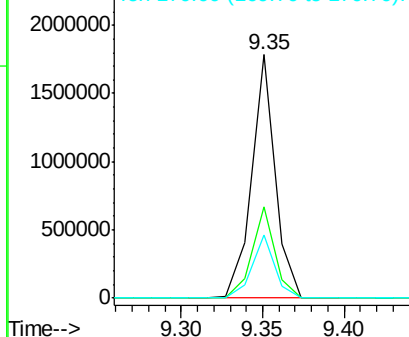


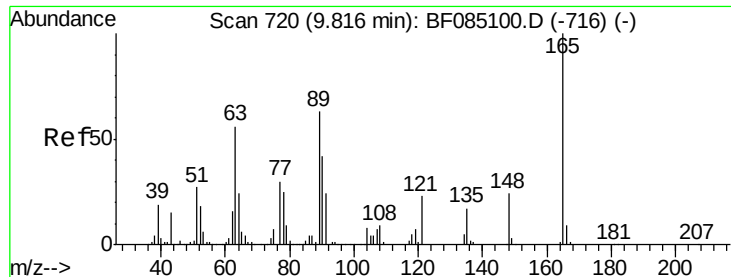
#44
 2-Fluorobiphenyl
 Concen: 88.92 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085139.D
 Acq: 3 Mar 2016 00:29

Tgt Ion:172 Resp: 1783808
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 25.7 21.2 31.8



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

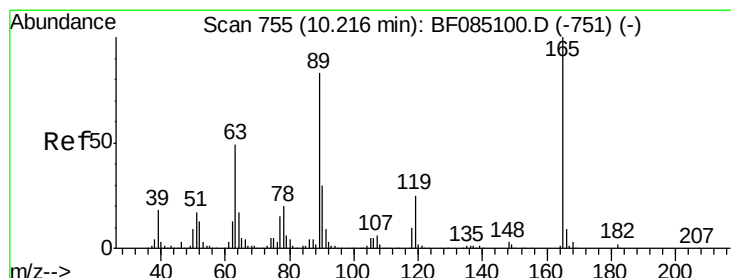
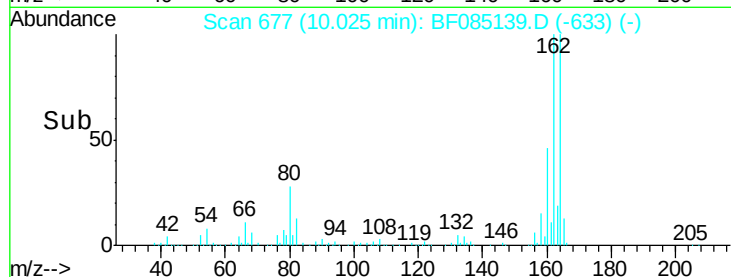
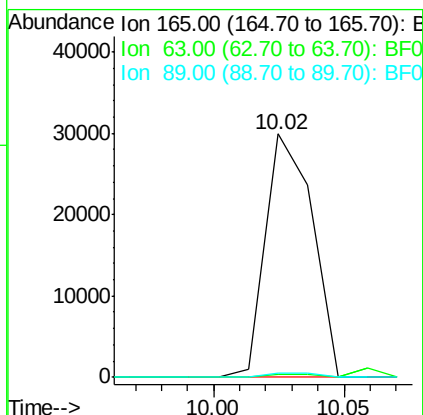
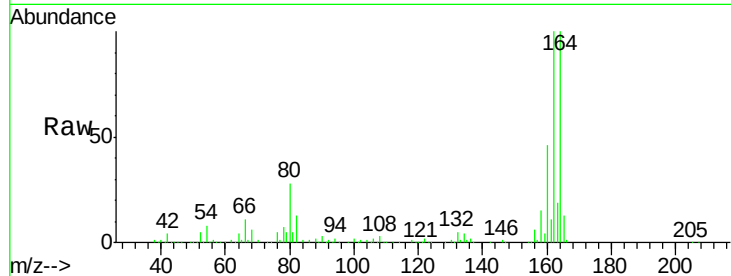




#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF085139.D
 Acq: 3 Mar 2016 00:29

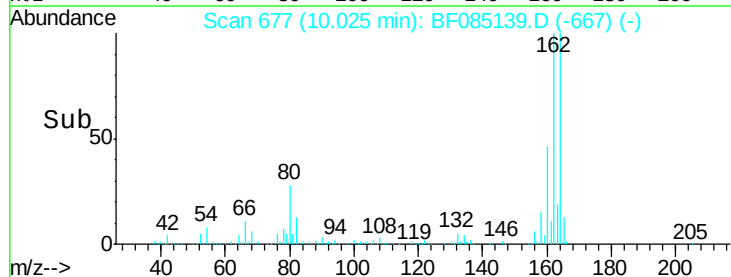
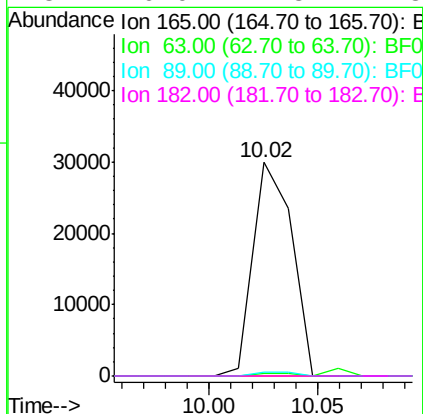
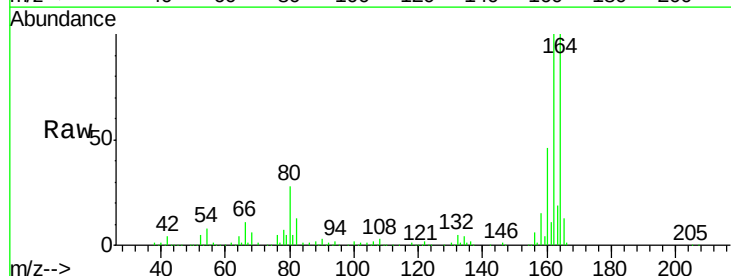
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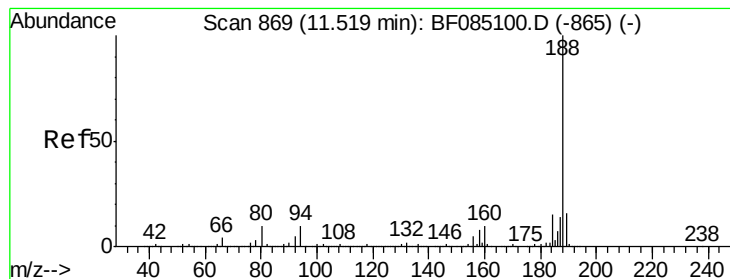
Tgt Ion:165 Resp: 37415
 Ion Ratio Lower Upper
 165 100
 63 1.3 47.4 71.2#
 89 1.8 50.2 75.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF085139.D
 Acq: 3 Mar 2016 00:29

Tgt Ion:165 Resp: 37416
 Ion Ratio Lower Upper
 165 100
 63 1.3 39.2 58.8#
 89 1.8 66.2 99.4#
 182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

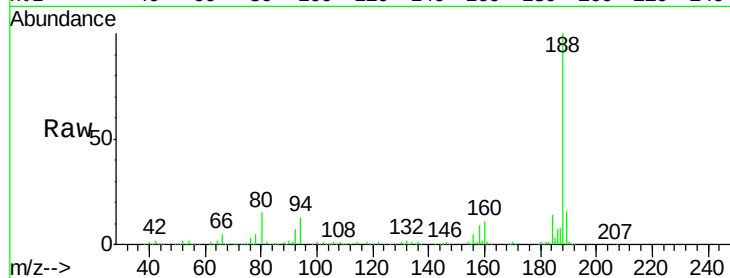
Tgt Ion:188 Resp: 508684

Ion Ratio Lower Upper

188 100

94 13.4 7.8 11.6#

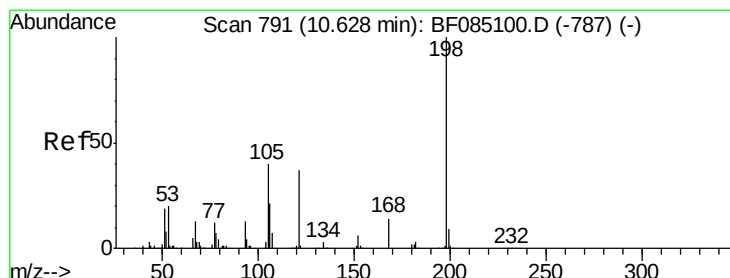
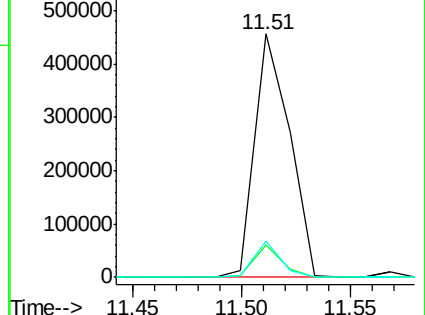
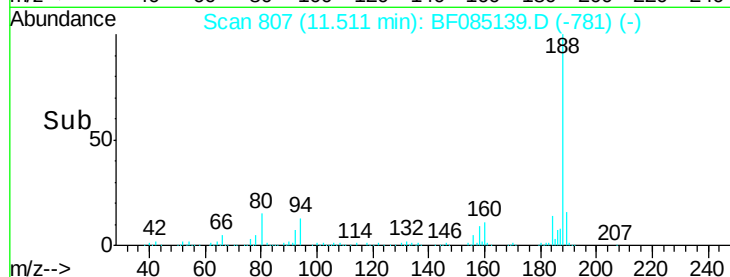
80 14.7 8.2 12.4#



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: 7.51 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

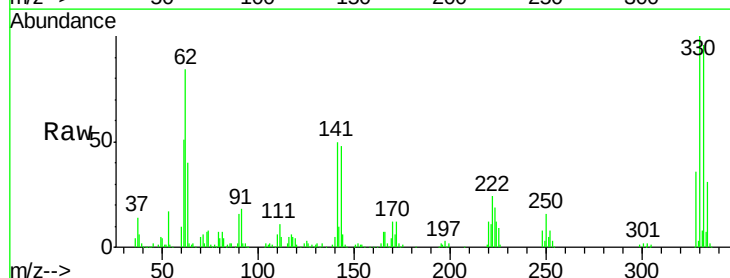
Tgt Ion:198 Resp: 1091

Ion Ratio Lower Upper

198 100

51 219.0 12.5 52.5#

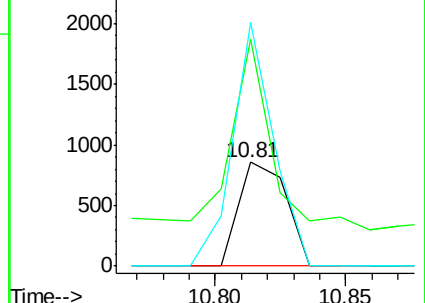
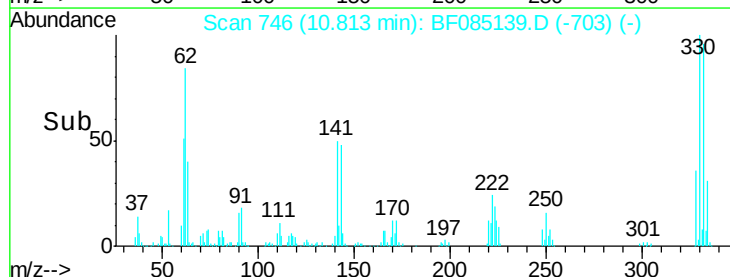
105 234.6 20.2 60.2#

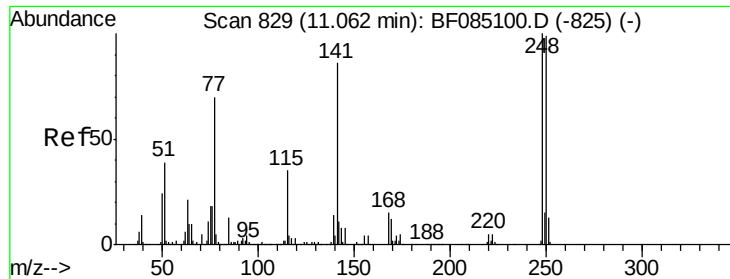


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

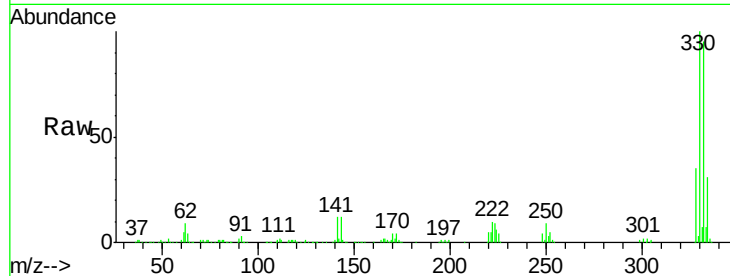




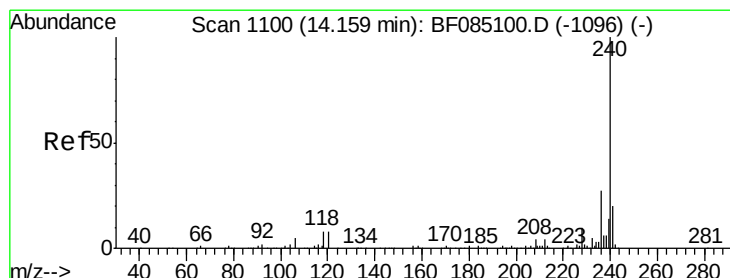
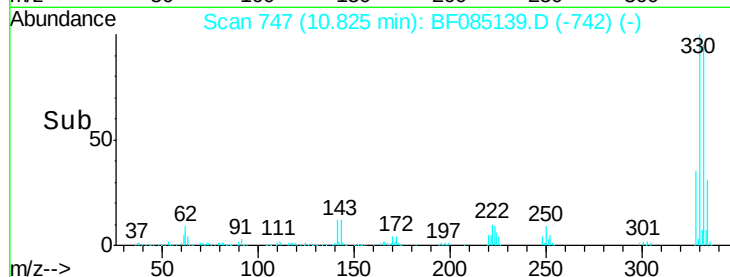
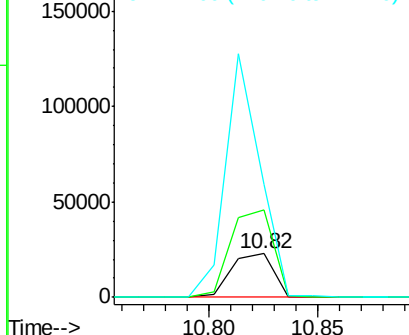
#66
4-Bromophenyl-phenylether
Concen: 5.79 ng
RT: 10.82 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion:248 Resp: 30933
Ion Ratio Lower Upper
248 100
250 200.8 79.0 118.4#
141 258.7 68.6 103.0#

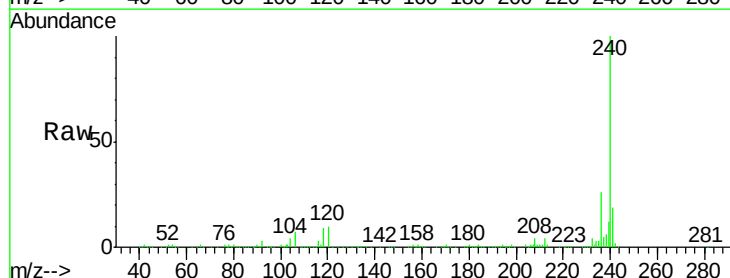


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

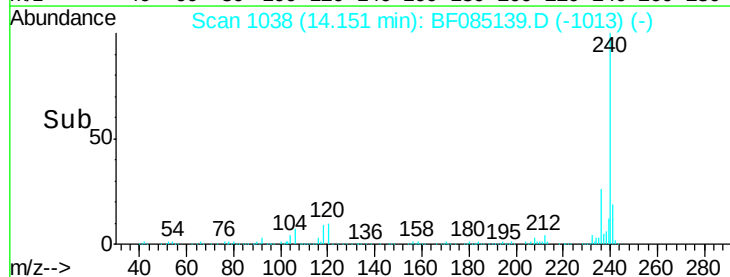
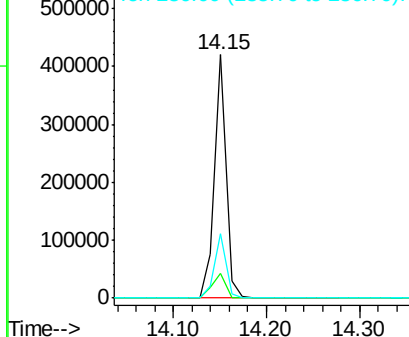


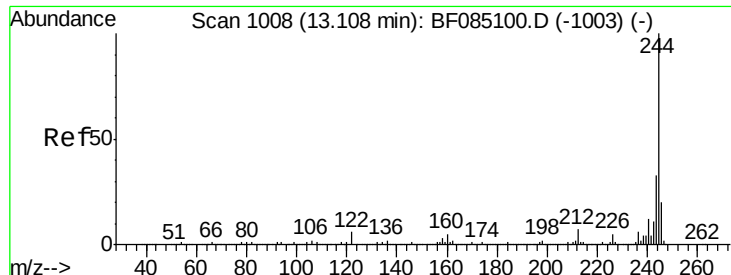
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085139.D
Acq: 3 Mar 2016 00:29

Tgt Ion:240 Resp: 366726
Ion Ratio Lower Upper
240 100
120 10.0 6.7 10.1
236 26.4 21.6 32.4



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: 99.73 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-31-022516

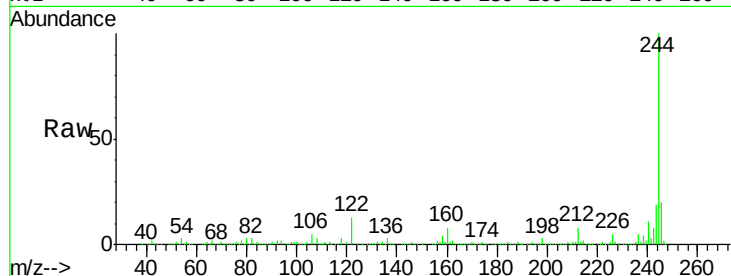
Tgt Ion:244 Resp: 1559129

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

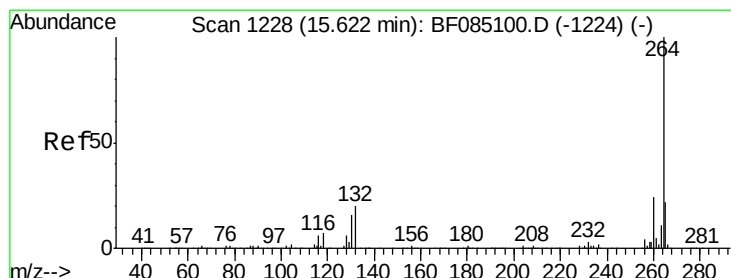
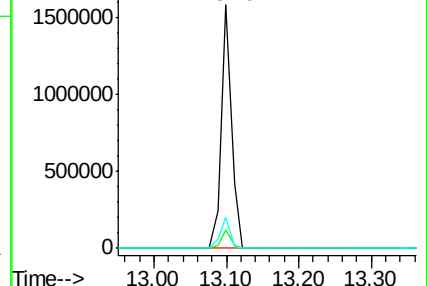
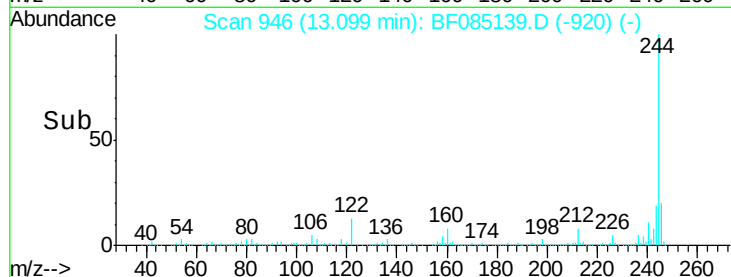
122 13.0 5.1 7.7#



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: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085139.D

Acq: 3 Mar 2016 00:29

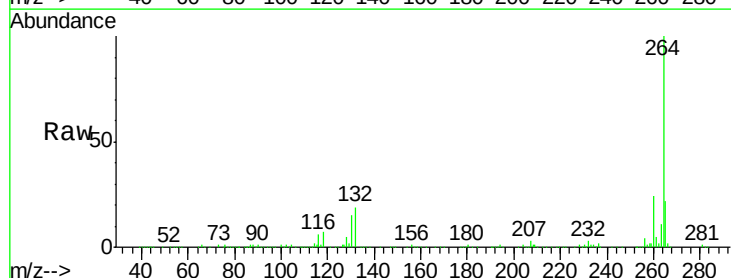
Tgt Ion:264 Resp: 382072

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.6 17.4 26.2



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

