Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086374.D
Acq On : 23 Apr 2016 6:48
Operator : UM/SJ
Sample : H2634-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Time: Apr 25 00:42:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	164878	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	710688	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	317930	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	667826	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	458064	20.00	ng	-0.01
86) Perylene-d12	15.40	264	370928	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	475452	49.80	ng	0.00
7) Phenol-d6	6.46	99	458073	35.29	ng	-0.01
23) Nitrobenzene-d5	7.40	82	869169	72.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	373149	129.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1637977	87.92	ng	0.00
78) Terphenyl-d14	12.95	244	1410652	76.52	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.41	117	165116	35.90	ng	# 9
19) n-Nitroso-di-n-propylamine	7.40	70	116093	14.97	ng	# 84
25) Isophorone	7.40	82	852688	36.27	ng	# 69
50) 2,6-Dinitrotoluene	9.87	165	39214	7.90	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	22384	3.42	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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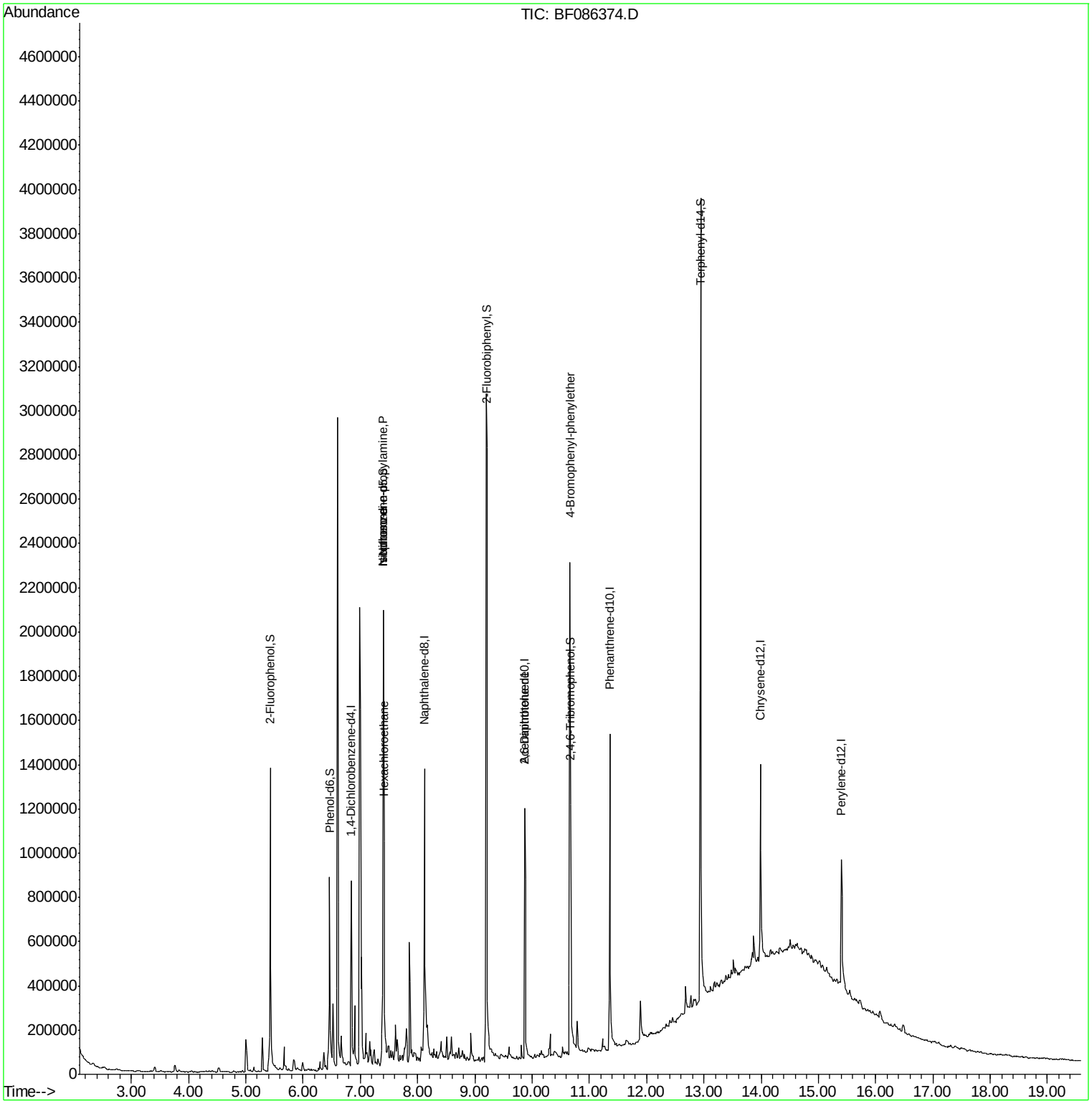
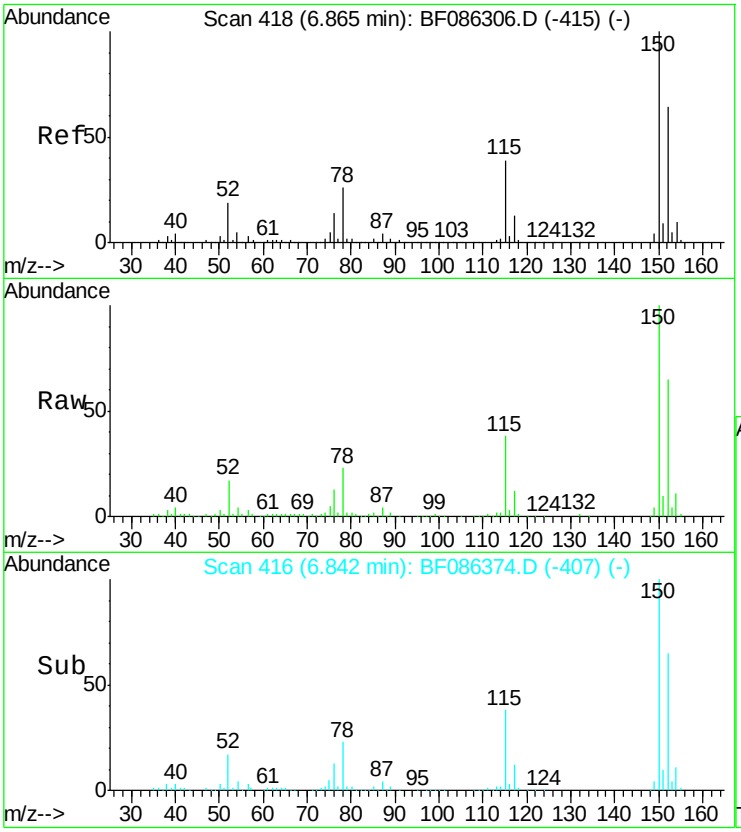


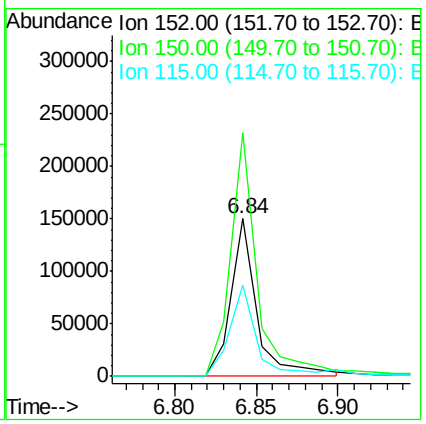


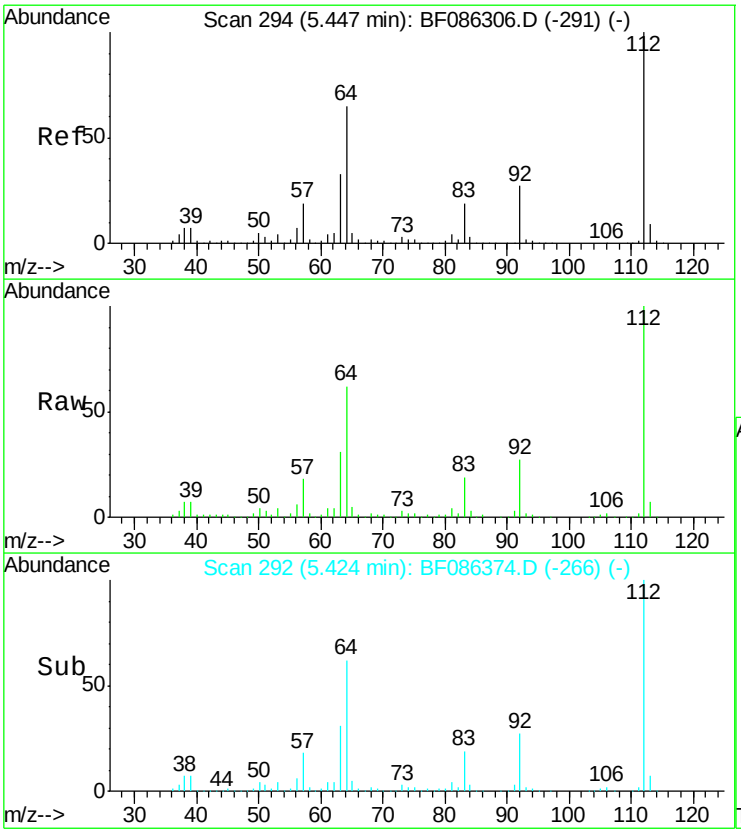
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 164878

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.8	188.6
115	58.2	51.5	77.3

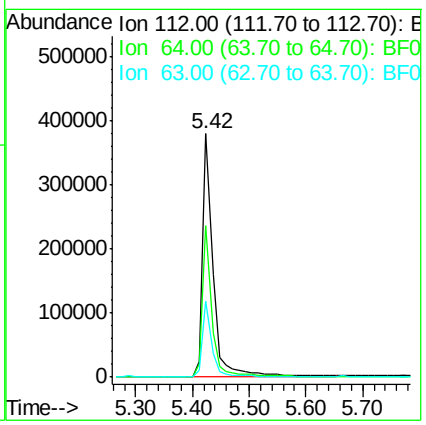


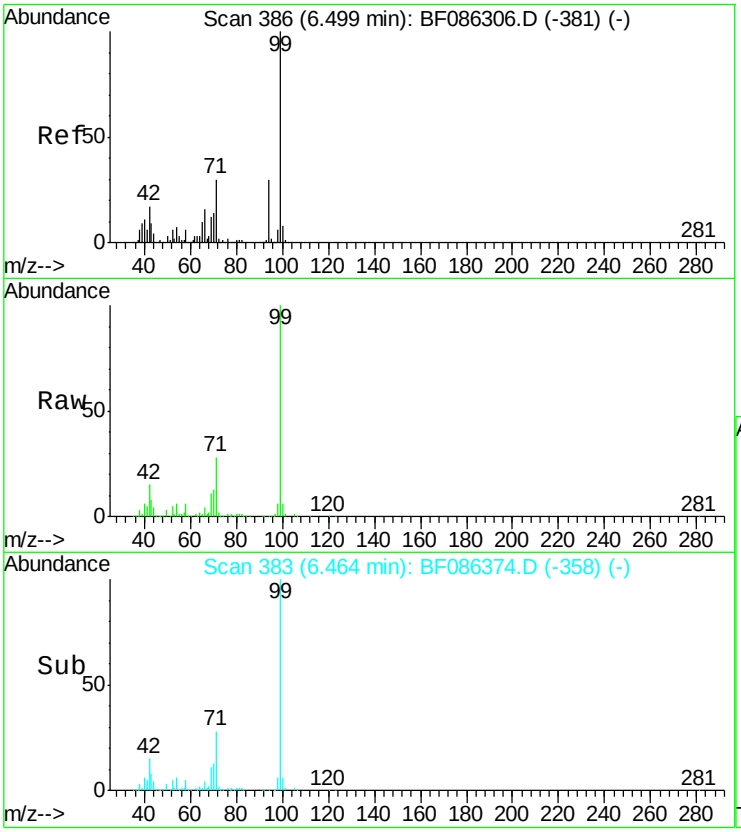


#5
2-Fluorophenol
Concen: 49.80 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.00 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Tgt Ion:112 Resp: 475452

Ion	Ratio	Lower	Upper
112	100		
64	62.0	52.1	78.1
63	31.3	25.7	38.5



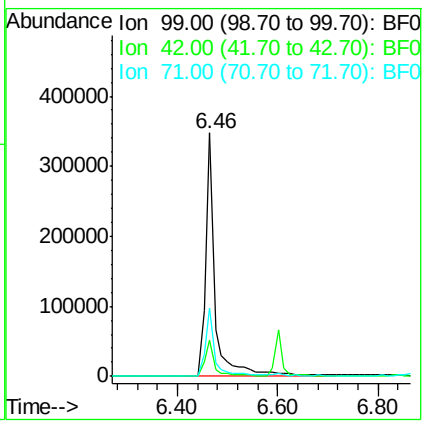


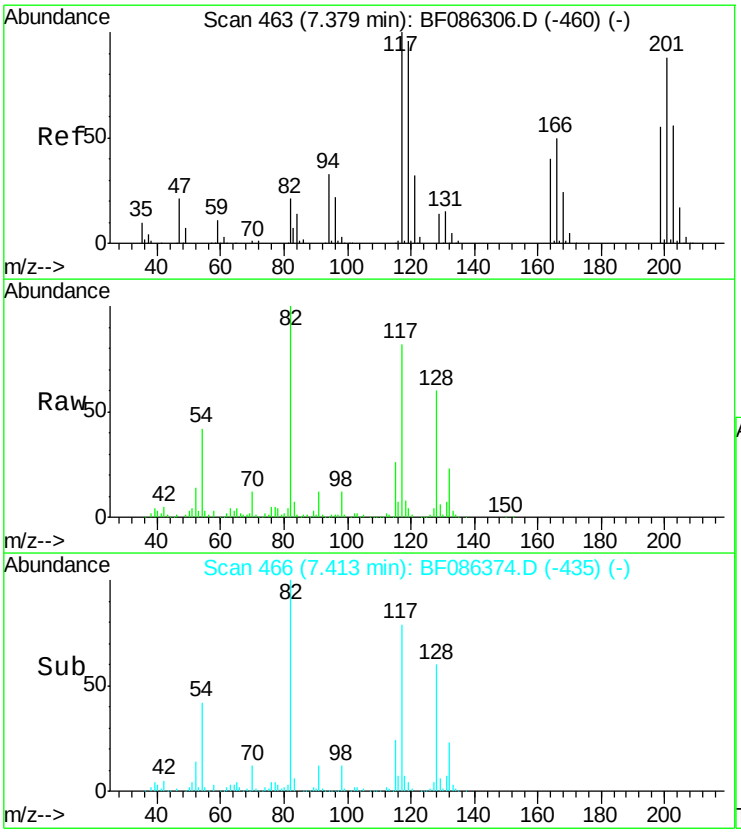
#7
Phenol-d6
Concen: 35.29 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 99 Resp: 458073

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.6	20.4
71	28.2	24.6	36.8

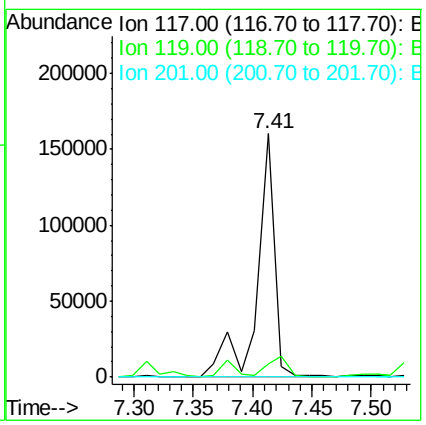


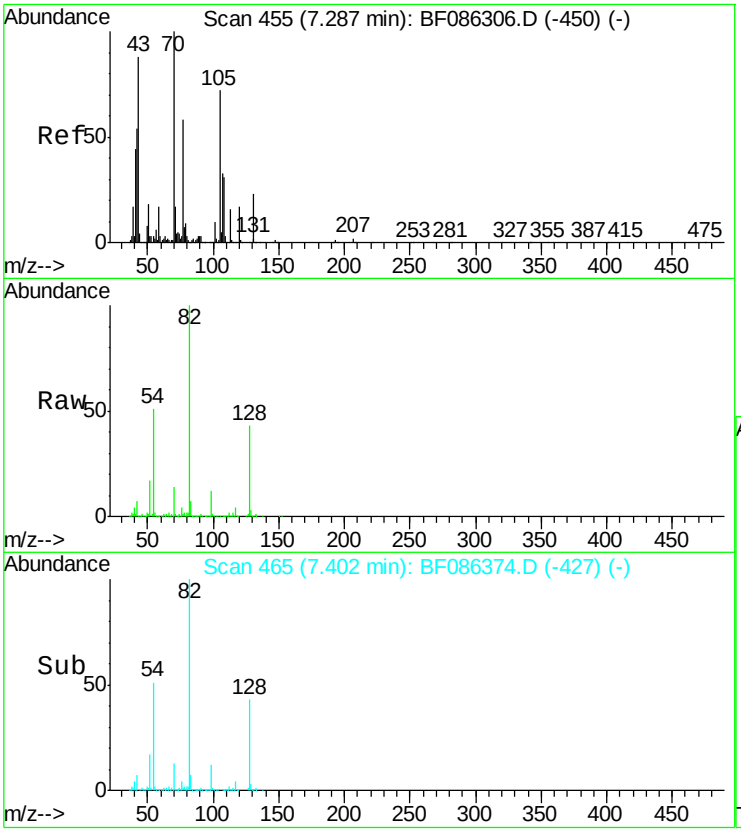


#18
Hexachloroethane
Concen: 35.90 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.06 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Tgt Ion:117 Resp: 165116

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.5	114.7#
201	0.0	63.0	94.6#



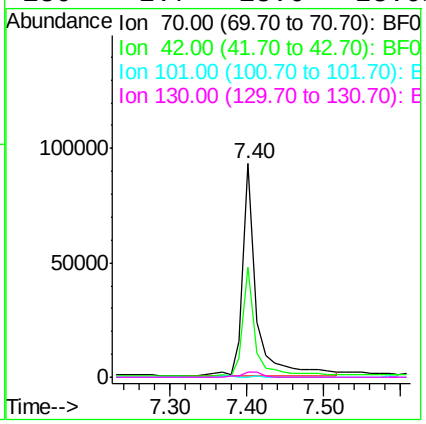


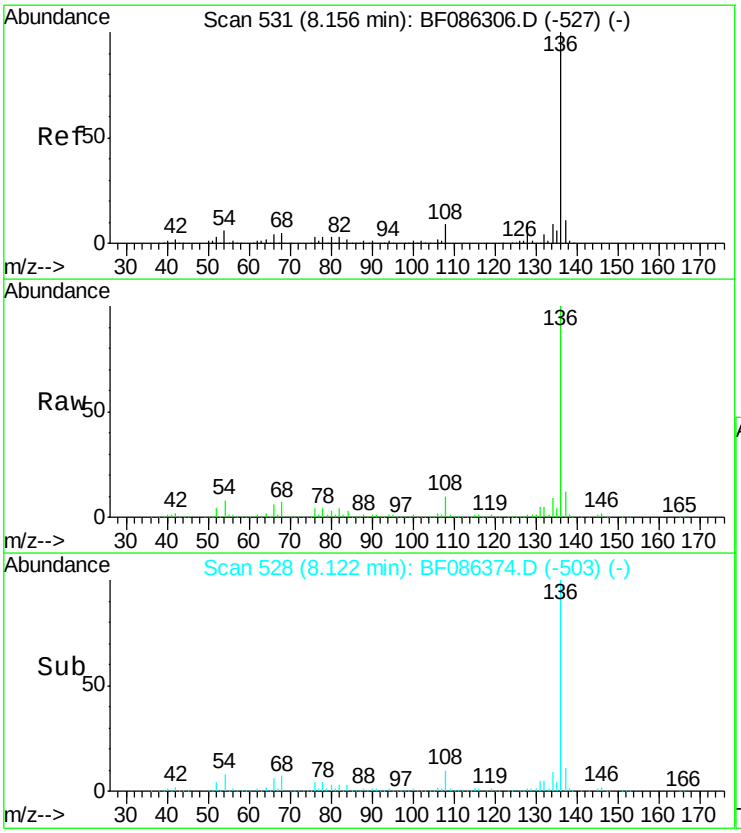
#19
n-Nitroso-di-n-propylamine
Concen: 14.97 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 70 Resp: 116093

Ion	Ratio	Lower	Upper
70	100		
42	51.7	43.1	64.7
101	0.0	8.1	12.1#
130	2.7	18.6	28.0#

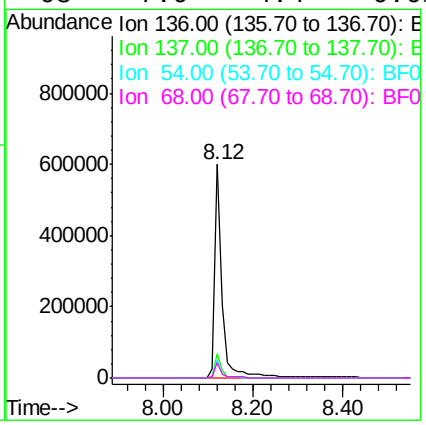


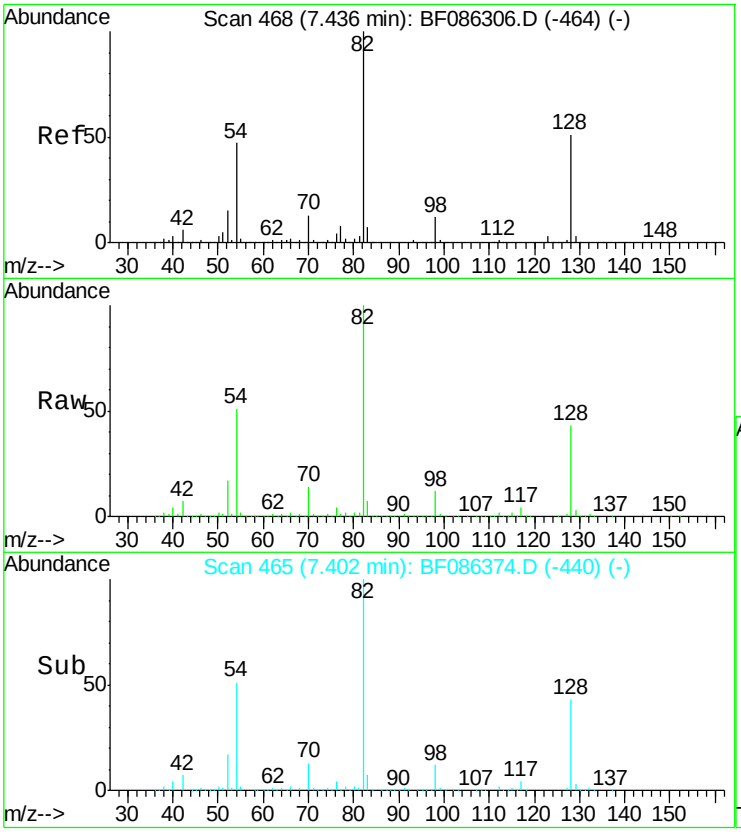


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Tgt Ion:136 Resp: 710688

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.1	5.0	7.4#
68	7.0	4.4	6.6#



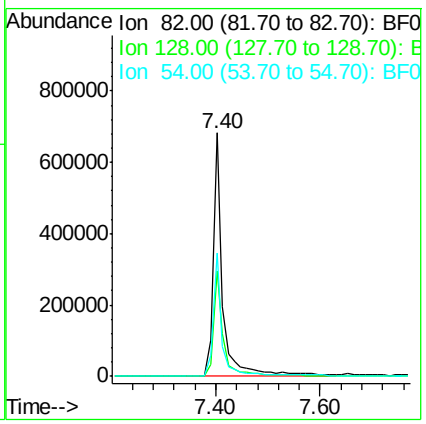


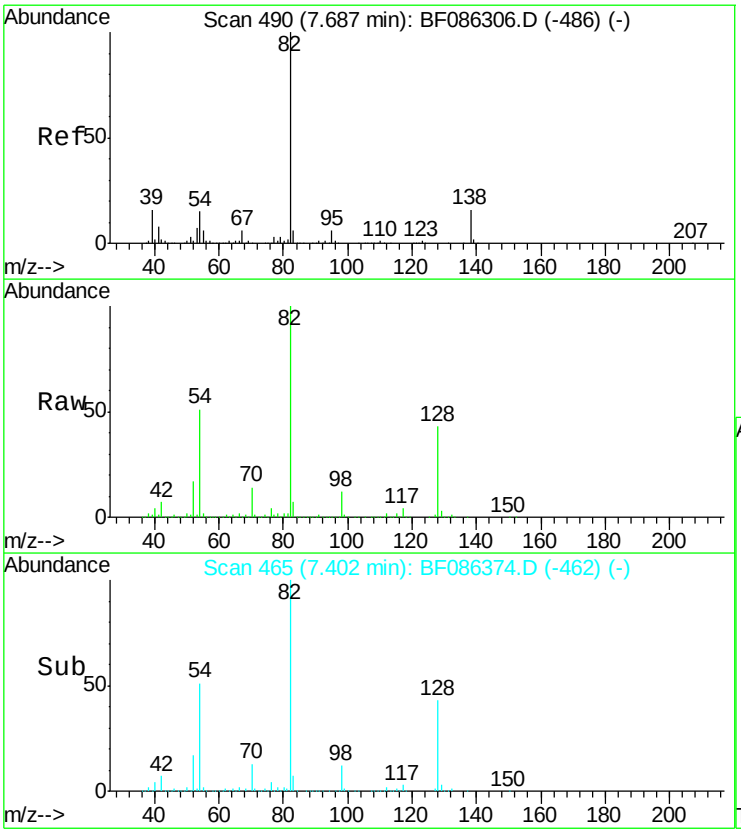
#23
Nitrobenzene-d5
Concen: 72.45 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 82 Resp: 869169

Ion	Ratio	Lower	Upper
82	100		
128	43.4	40.6	61.0
54	50.8	38.1	57.1

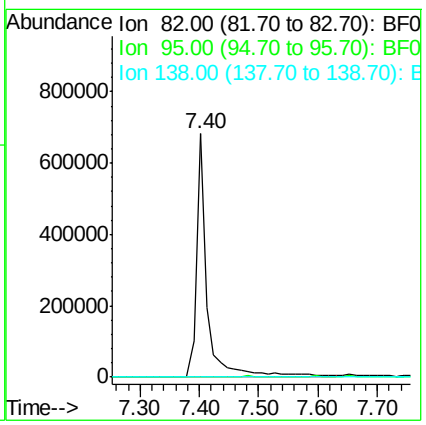


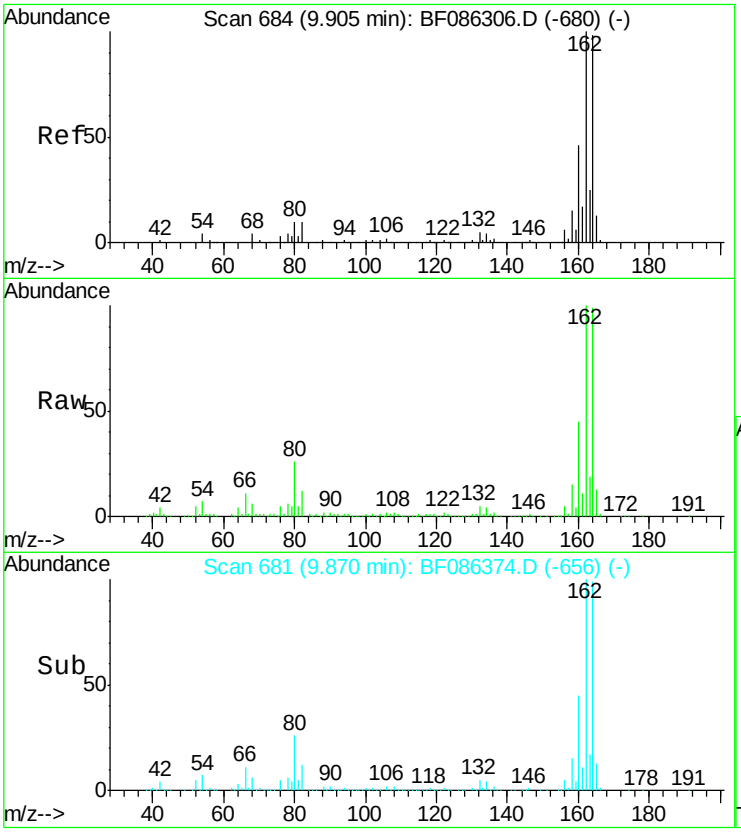


#25
Isophorone
Concen: 36.27 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.26 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Tgt Ion: 82 Resp: 852688

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.1	7.7#
138	0.0	12.4	18.6#



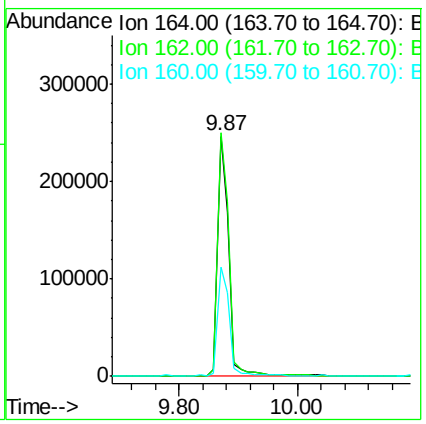


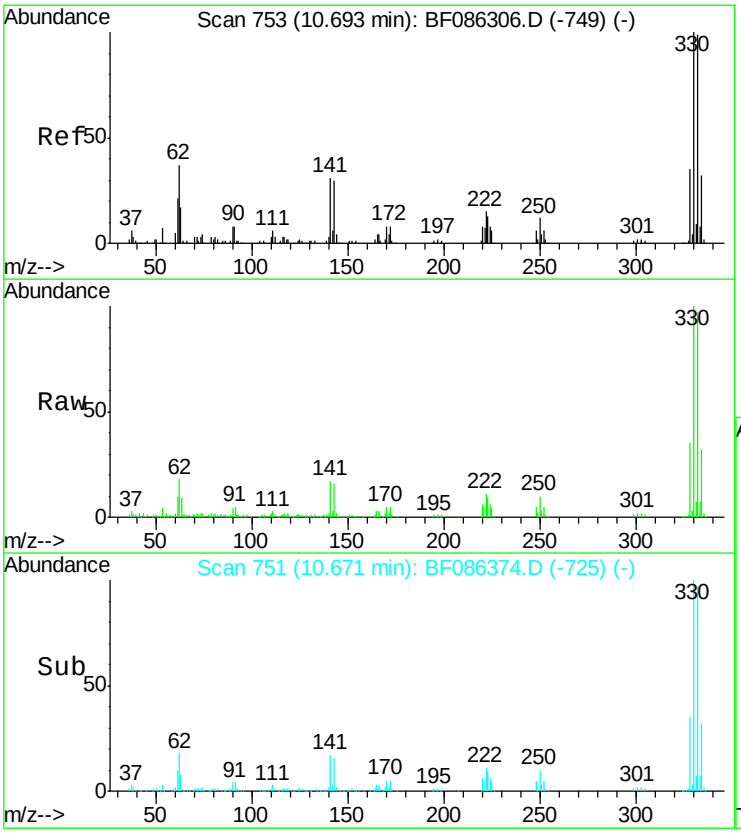
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:164 Resp: 317930

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	45.6	36.9	55.3

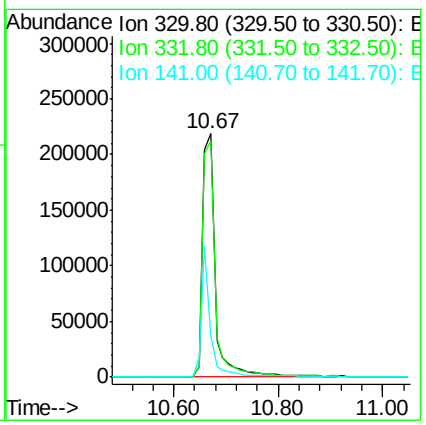


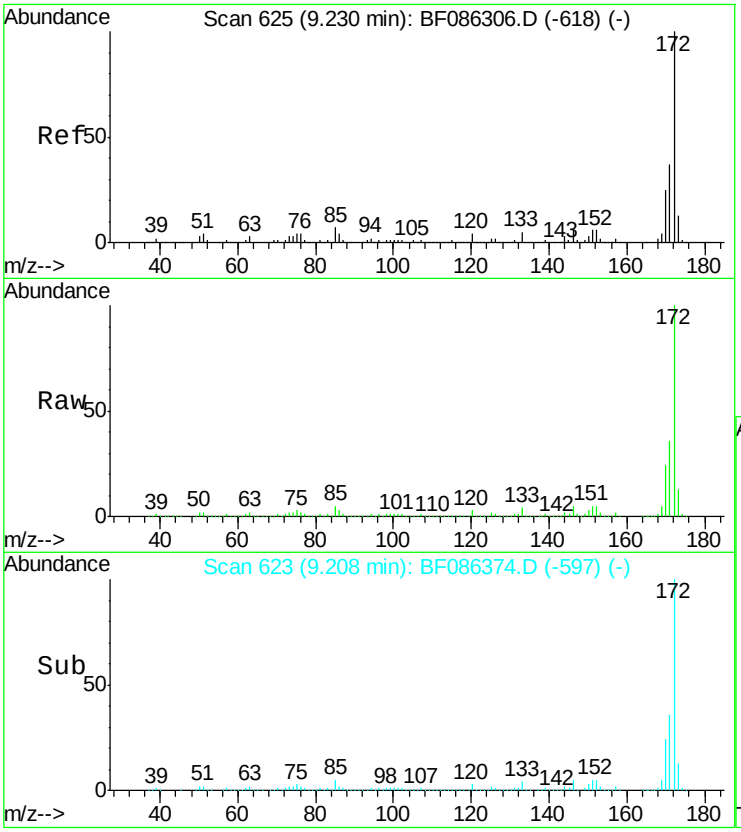


#41
2,4,6-Tribromophenol
Concen: 129.66 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Tgt Ion:330 Resp: 373149

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	36.7	31.2	46.8



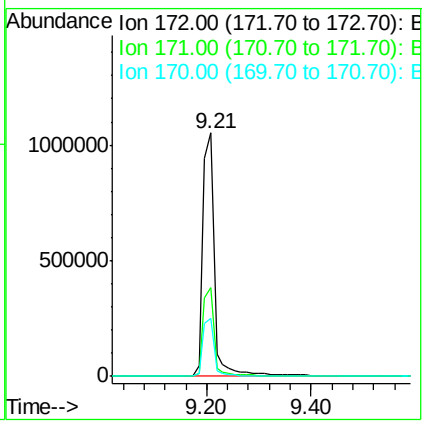


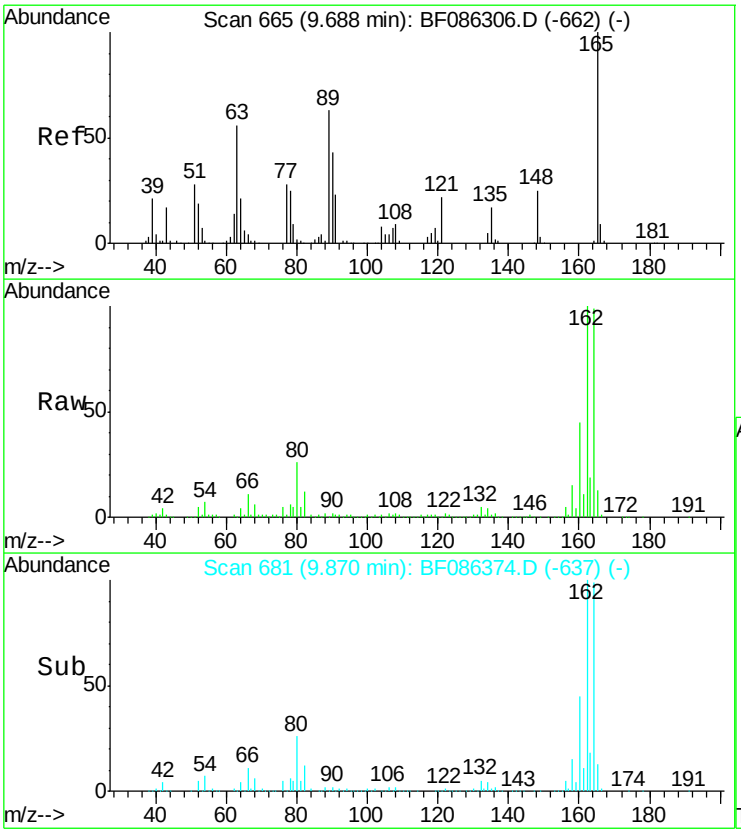
#44
2-Fluorobiphenyl
Concen: 87.92 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:172 Resp: 1637977

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	23.9	19.8	29.8

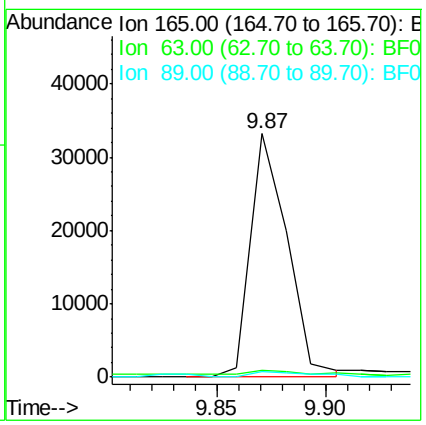


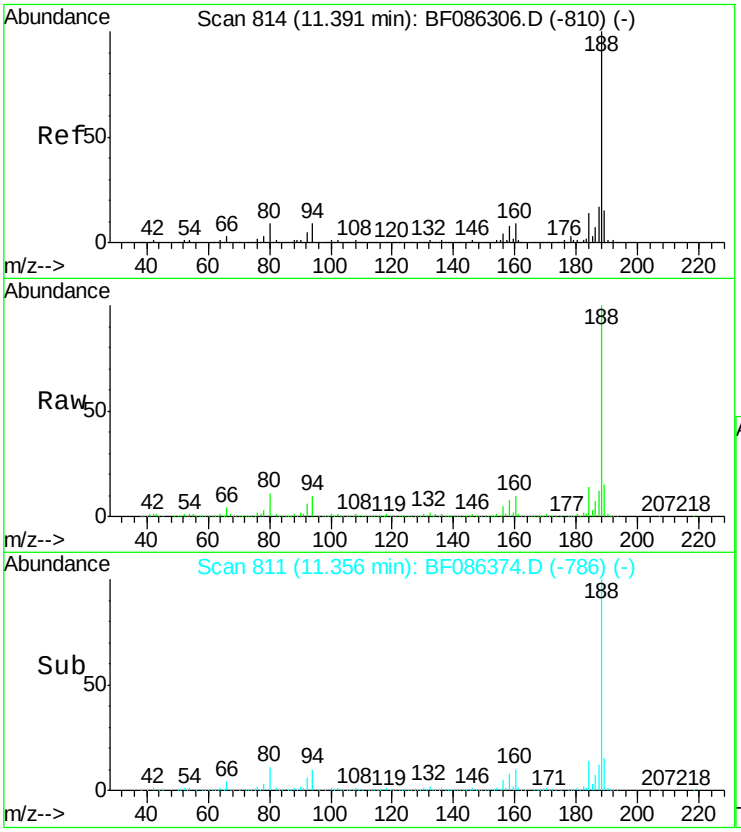


#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.21 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Tgt Ion:165 Resp: 39214

Ion	Ratio	Lower	Upper
165	100		
63	2.8	51.8	77.8#
89	2.2	50.7	76.1#



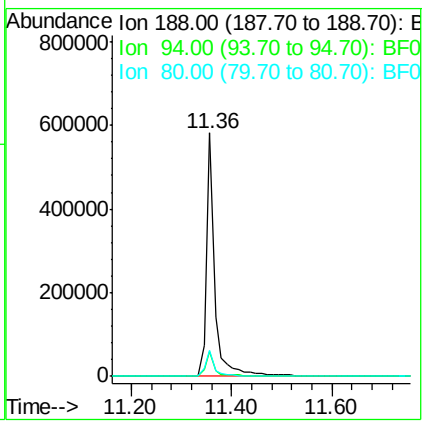


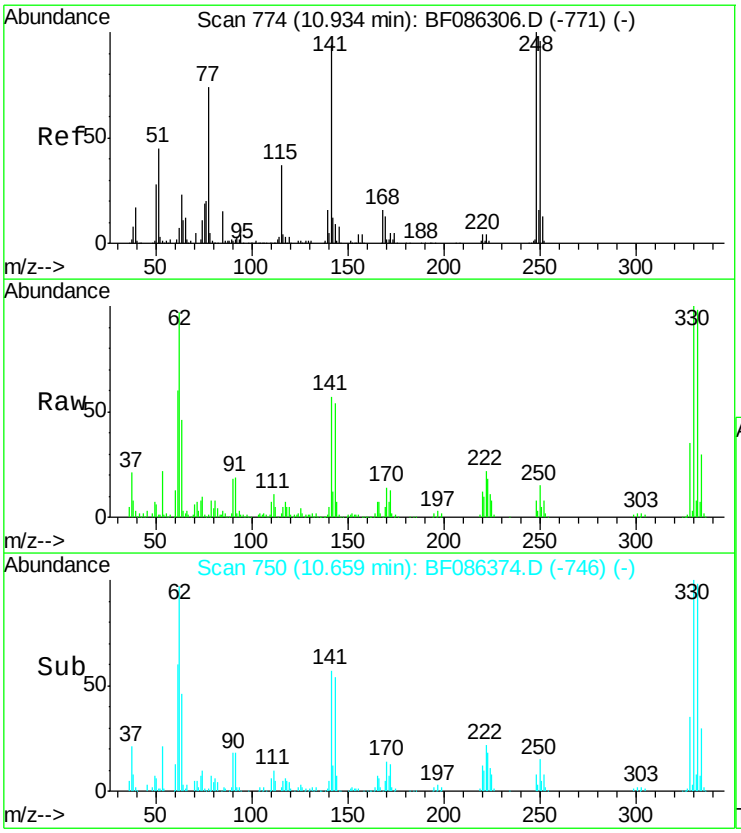
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 667826

Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.8	10.2#
80	10.8	7.1	10.7#

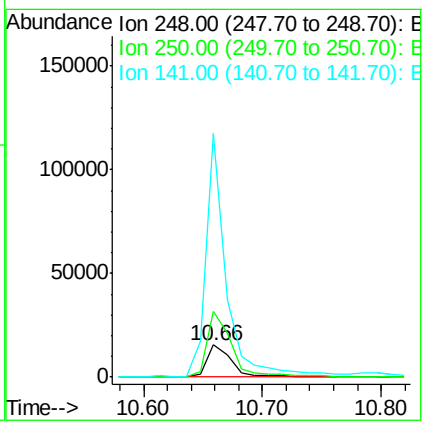


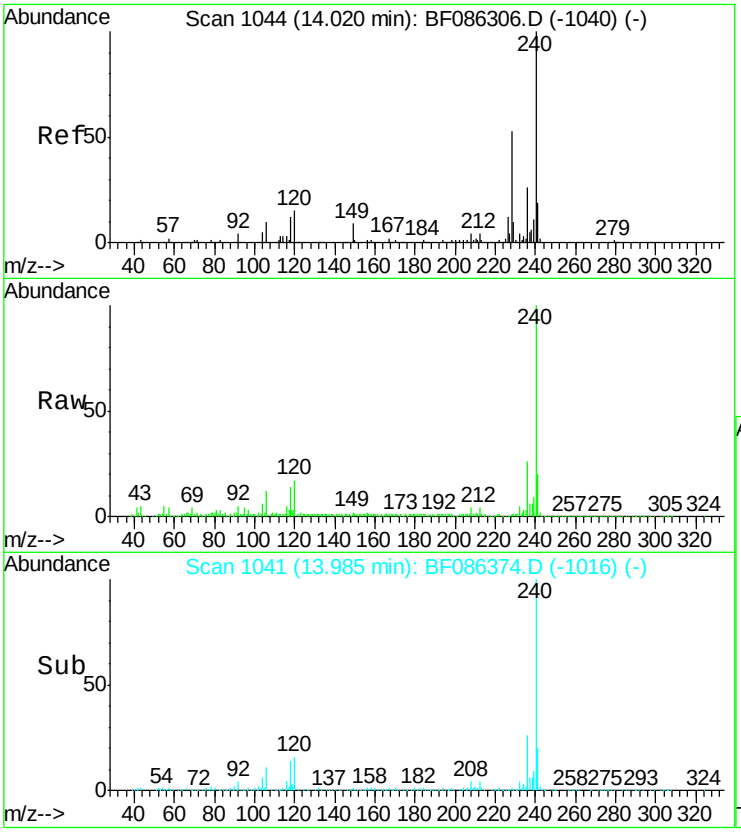


#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Tgt Ion:248 Resp: 22384

Ion	Ratio	Lower	Upper
248	100		
250	202.4	78.6	117.8#
141	752.8	76.0	114.0#



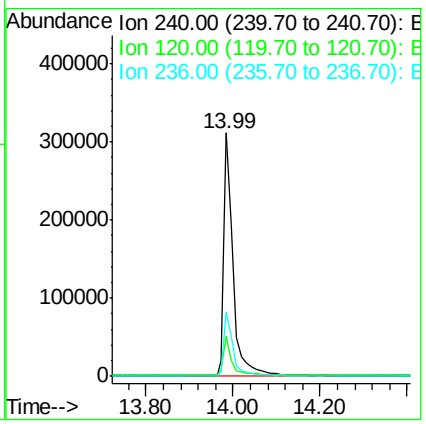


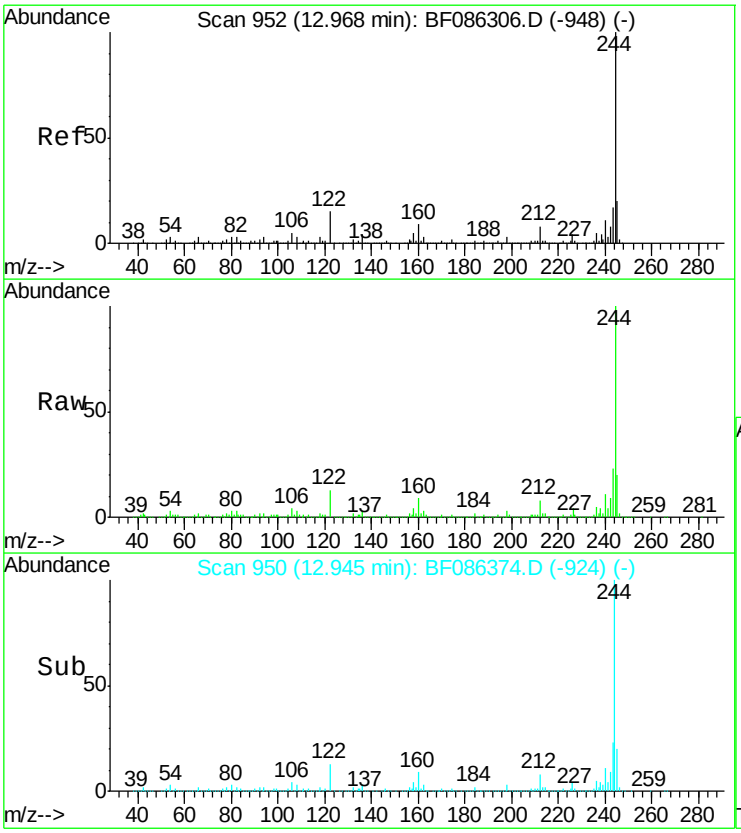
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:240 Resp: 458064

Ion	Ratio	Lower	Upper
240	100		
120	16.6	11.2	16.8
236	26.3	21.2	31.8

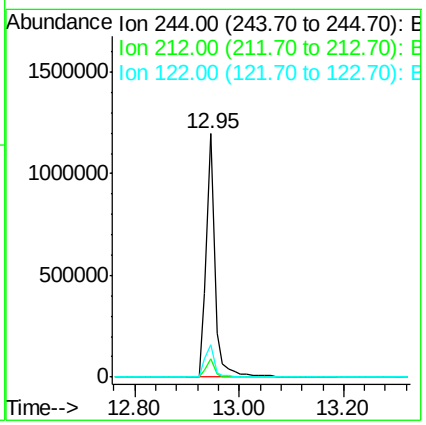


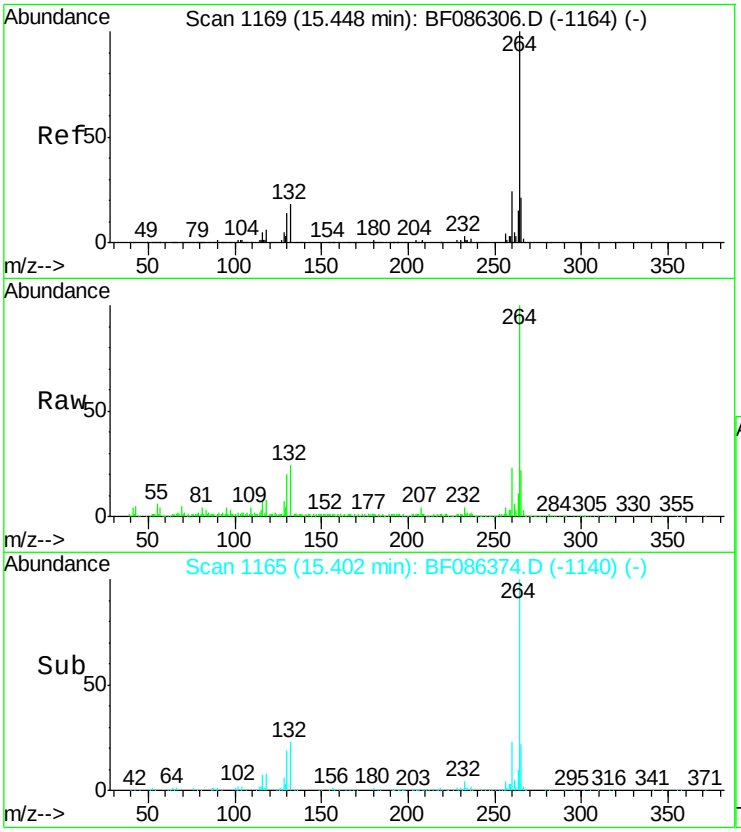


#78
Terphenyl-d14
Concen: 76.52 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Tgt Ion:244 Resp: 1410652

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086374.D
Acq: 23 Apr 2016 6:48

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:264 Resp: 370928

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.5	17.3	25.9