Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084451.D
Acq On : 13 Jan 2016 19:45
Operator : SJ/UM
Sample : H1115-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB1B

Quant Time: Jan 14 11:12:30 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	6.83	152	263747	20.00	ng		-0.07
21) Naphthalene-d8	8.12	136	1114369	20.00	ng		-0.07
38) Acenaphthene-d10	9.87	164	530640	20.00	ng		-0.08
63) Phenanthrene-d10	11.36	188	1010380	20.00	ng		-0.07
75) Chrysene-d12	13.99	240	849141	20.00	ng		-0.08
86) Perylene-d12	15.41	264	634153	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1274260	78.15	ng		-0.06
7) Phenol-d6	6.48	99	1840444	89.87	ng		-0.06
23) Nitrobenzene-d5	7.39	82	1061394	53.01	ng		-0.08
41) 2,4,6-Tribromophenol	10.66	330	377353	70.44	ng		-0.08
44) 2-Fluorobiphenyl	9.20	172	1728806	55.09	ng		-0.07
78) Terphenyl-d14	12.94	244	1724844	45.34	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	137404	9.91	ng	#	68
49) Dimethylphthalate	9.60	163	519919	13.71	ng	#	91
54) Dibenzofuran	10.06	168	529	Below Cal		#	45
56) 2,4-Dinitrotoluene	9.87	165	67883	6.45	ng	#	21
57) Fluorene	10.66	166	18968	Below Cal		#	95
64) 4,6-Dinitro-2-methylphenol	10.66	198	780	6.52	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	24610	2.26	ng	#	1
73) Di-n-butylphthalate	11.92	149	2657	Below Cal		#	79

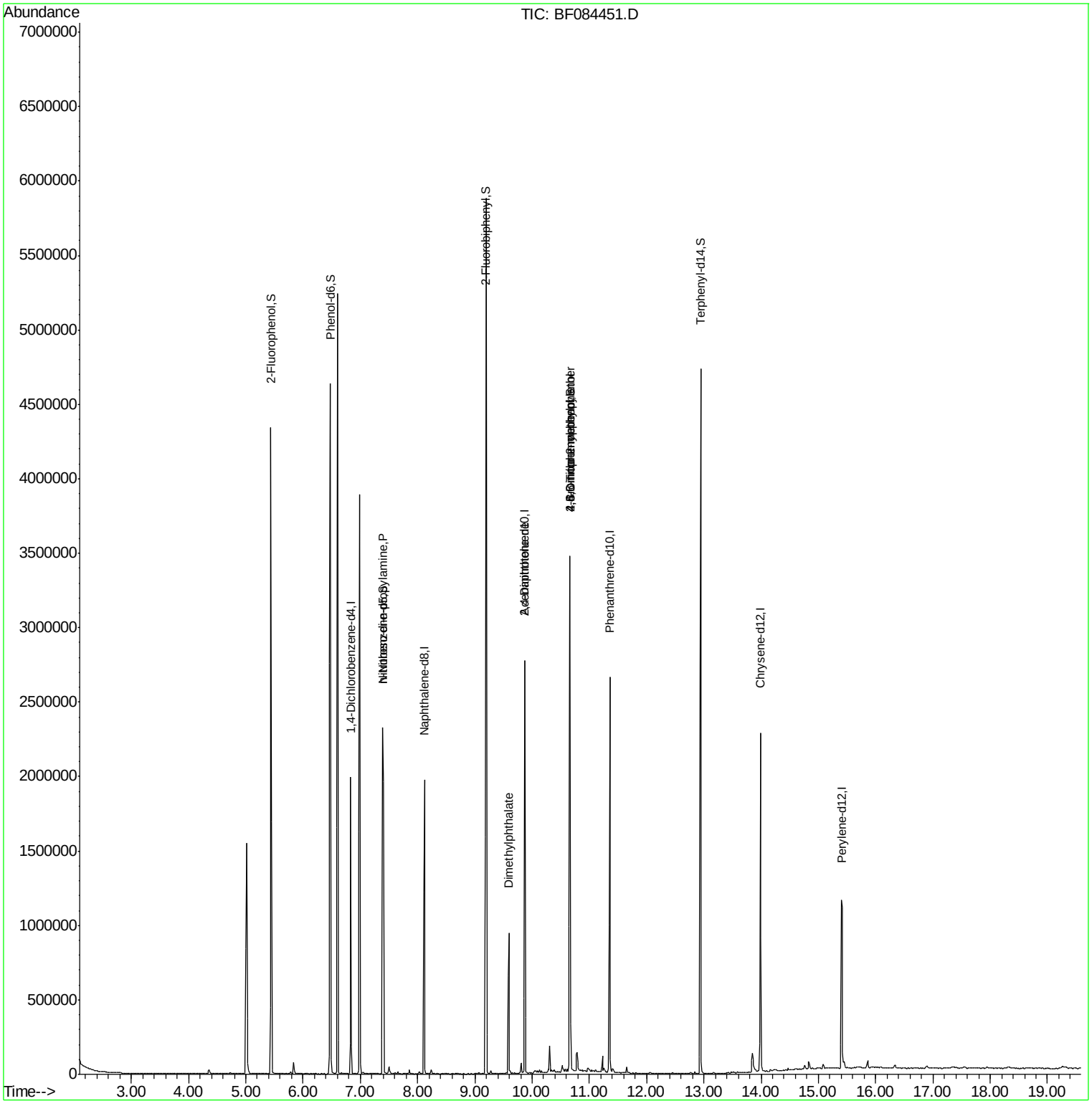
(#) = qualifier out of range (m) = manual integration (+) = signals summed

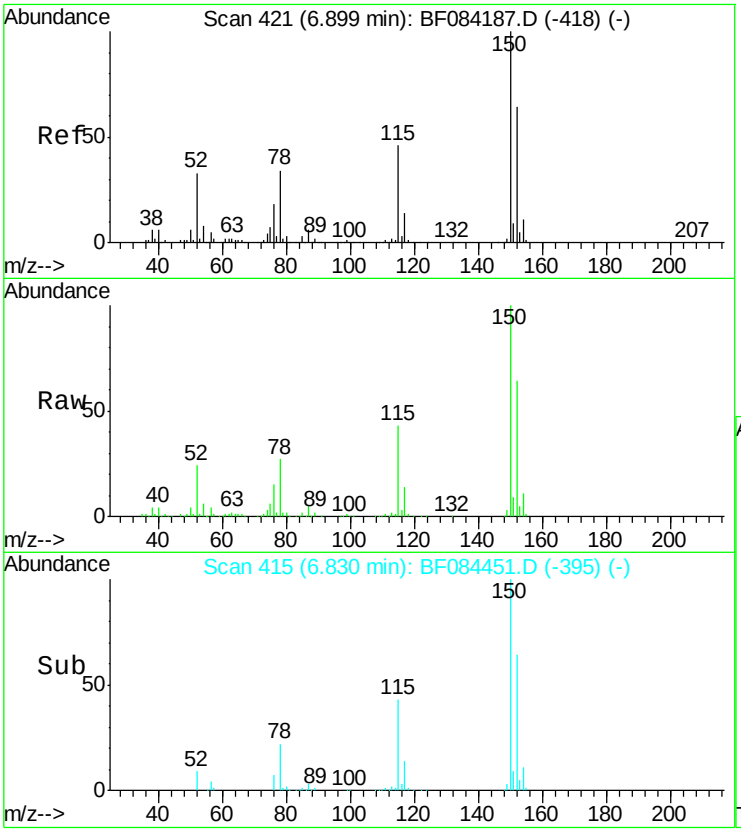
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084451.D
Acq On : 13 Jan 2016 19:45
Operator : SJ/UM
Sample : H1115-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB1B

Quant Time: Jan 14 11:12:30 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



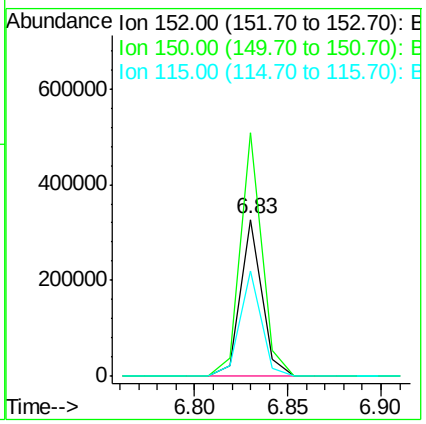


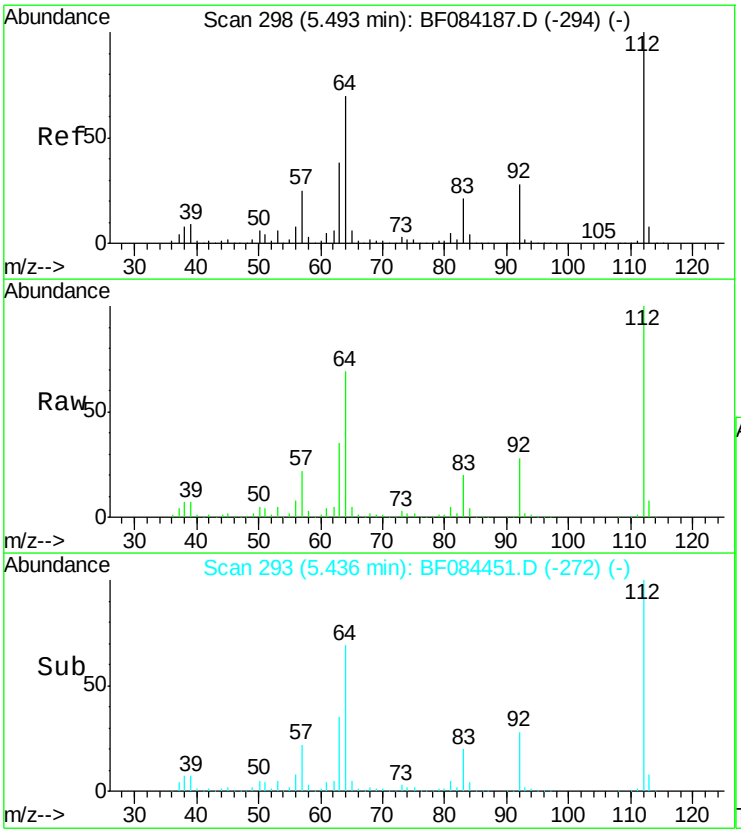
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion:152 Resp: 263747

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.4
115	66.9	51.4	77.2

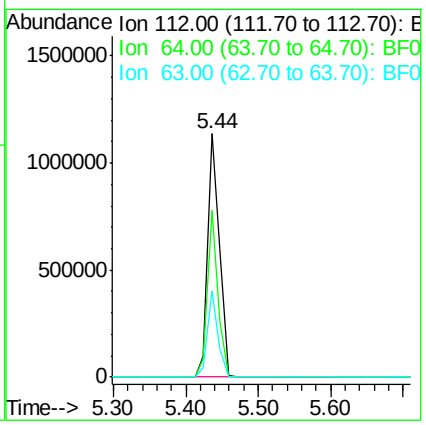


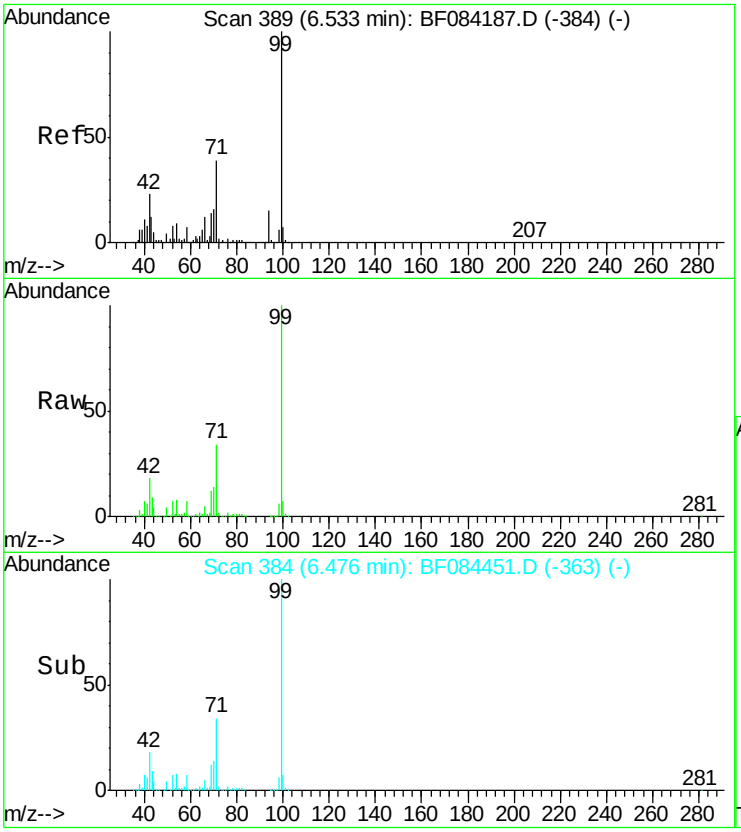


#5
2-Fluorophenol
Concen: 78.15 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.06 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:112 Resp: 1274260

Ion	Ratio	Lower	Upper
112	100		
64	68.6	36.6	55.0#
63	35.2	19.4	29.0#



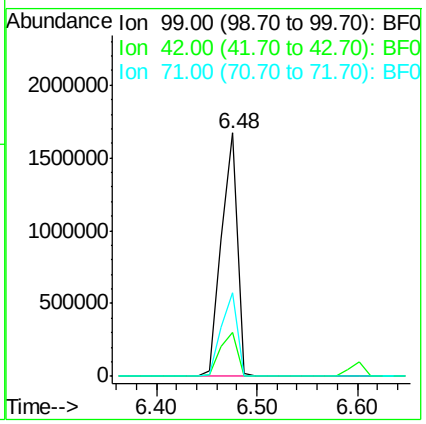


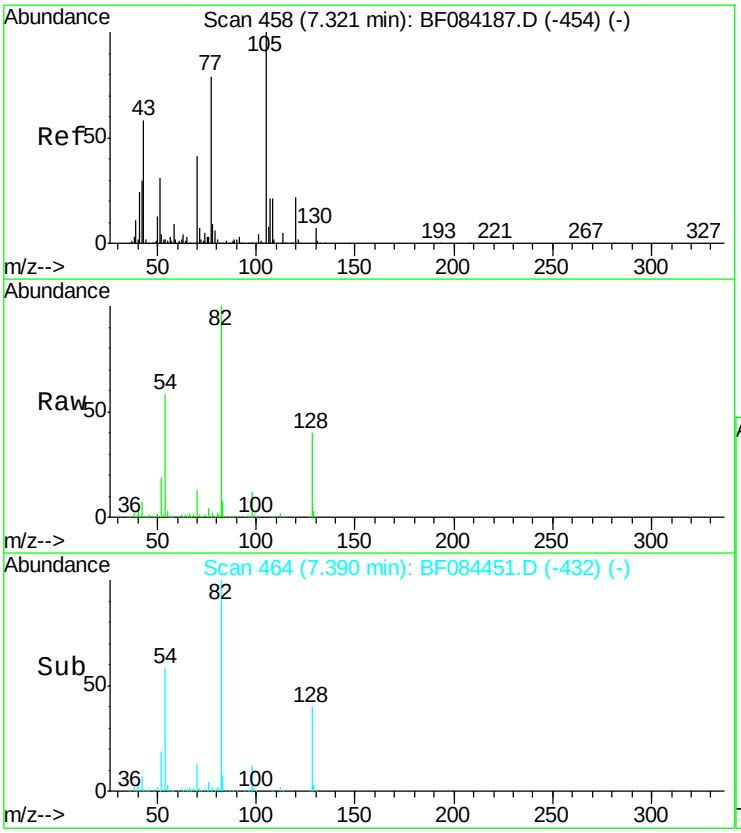
#7
Phenol-d6
Concen: 89.87 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.06 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion: 99 Resp: 1840444

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.8	19.2
71	34.5	30.9	46.3

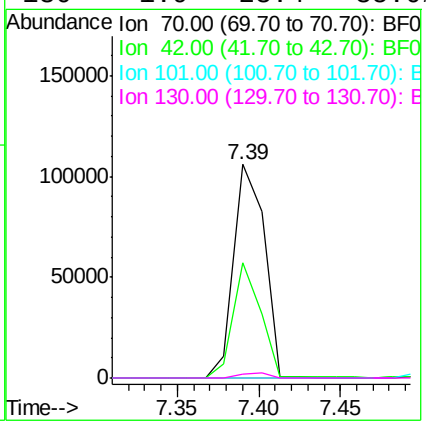


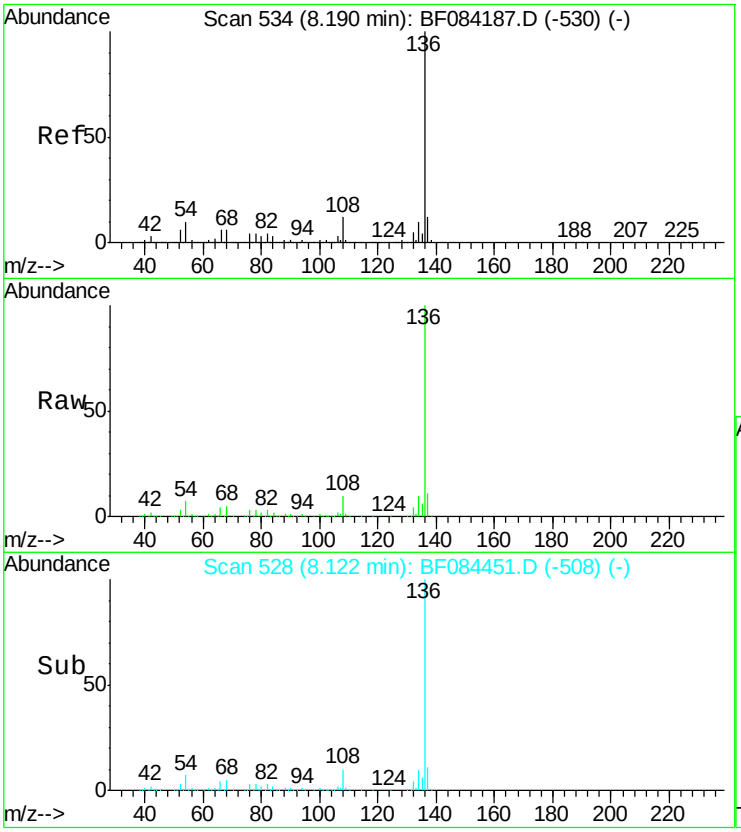


#19
n-Nitroso-di-n-propylamine
Concen: 9.91 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.07 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion: 70 Resp: 137404

Ion	Ratio	Lower	Upper
70	100		
42	53.8	33.3	49.9#
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



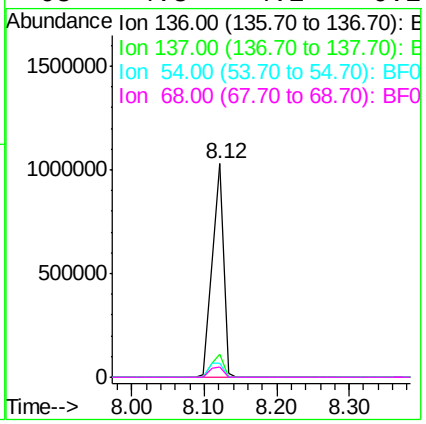


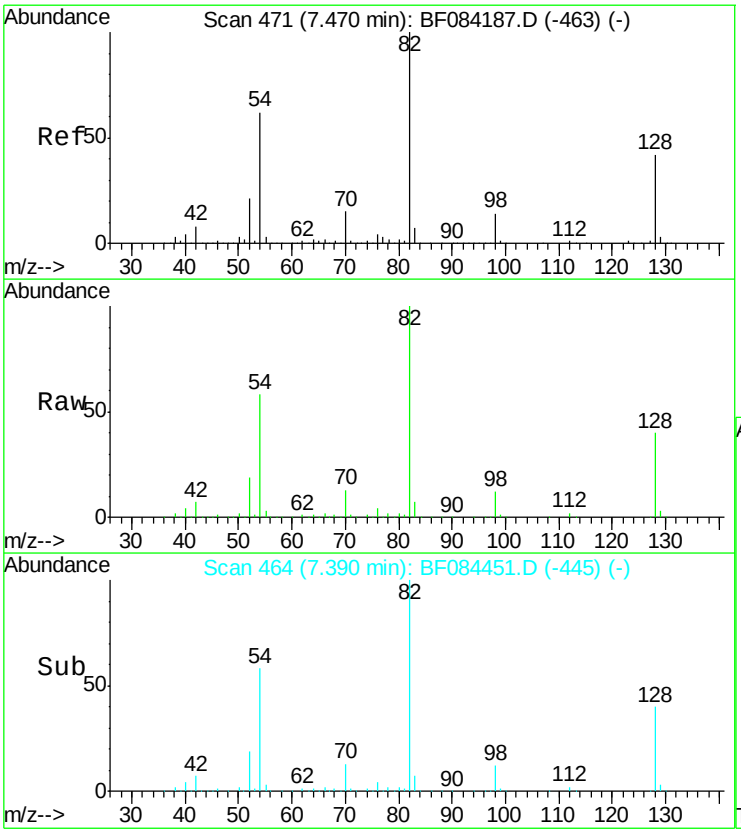
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion:136 Resp: 1114369

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.8	8.8
68	4.8	4.2	6.2

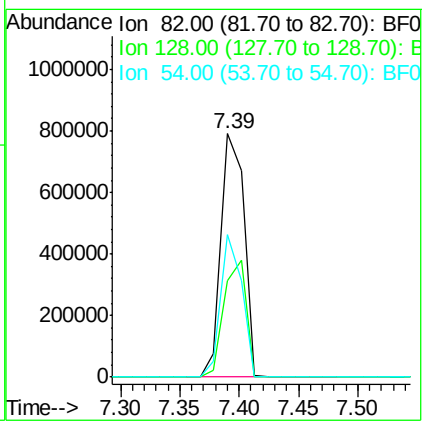


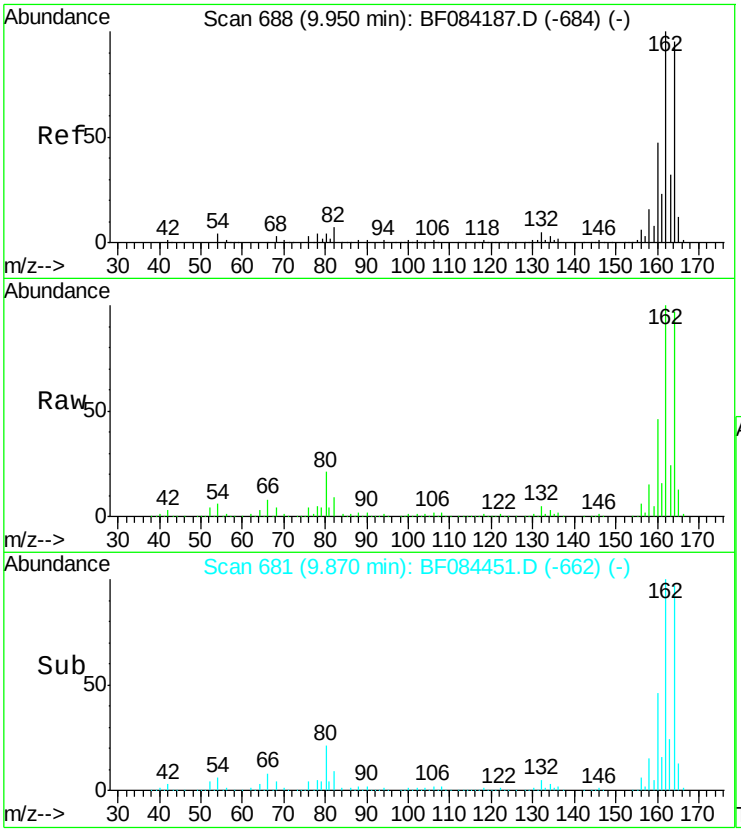


#23
Nitrobenzene-d5
Concen: 53.01 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.08 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion: 82 Resp: 1061394

Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.6	51.8
54	58.3	38.4	57.6#



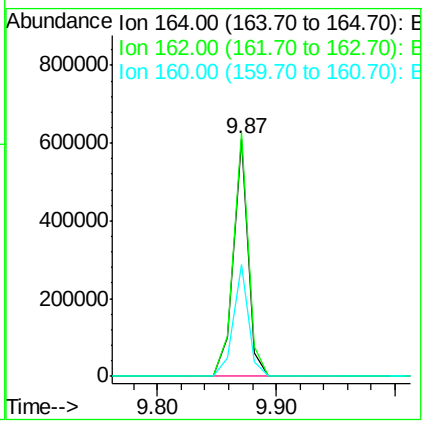


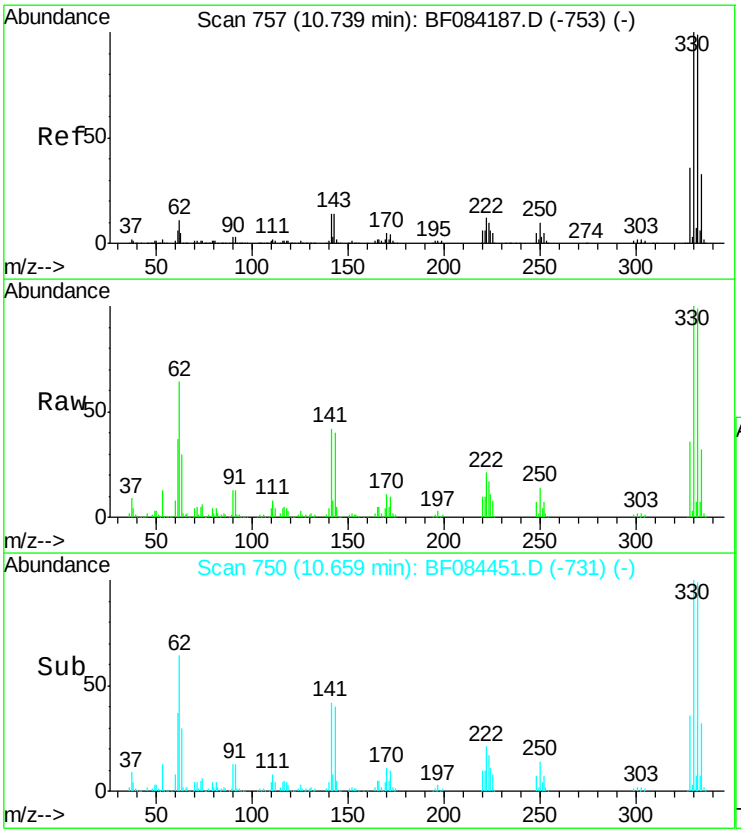
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion:164 Resp: 530640

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	47.3	37.5	56.3

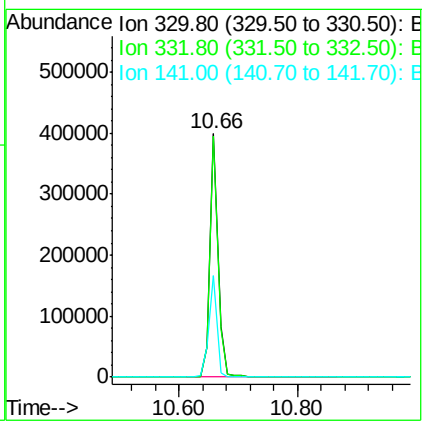


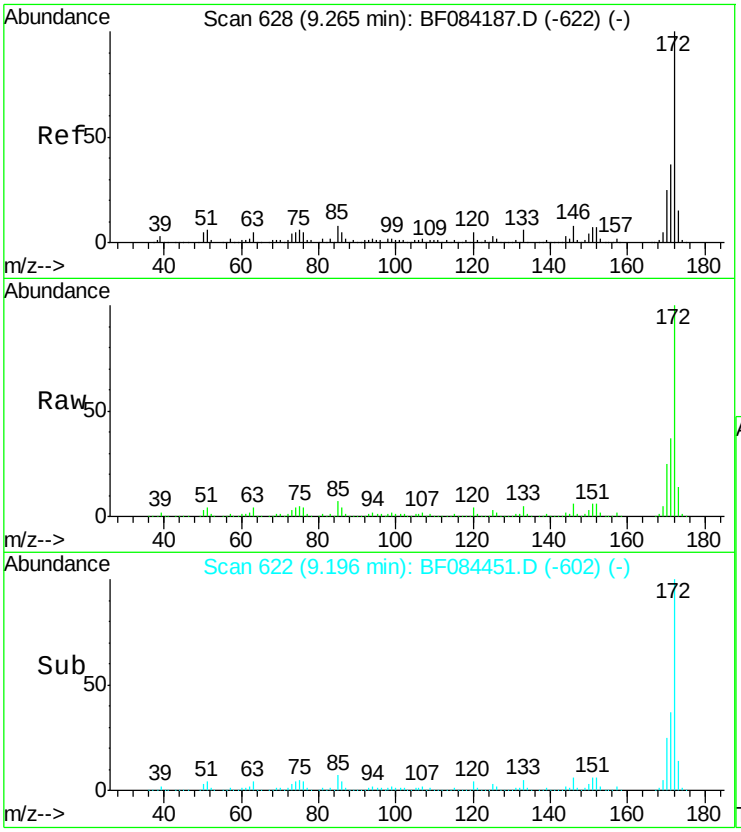


#41
2,4,6-Tribromophenol
Concen: 70.44 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.08 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:330 Resp: 377353

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	41.3	27.8	41.6



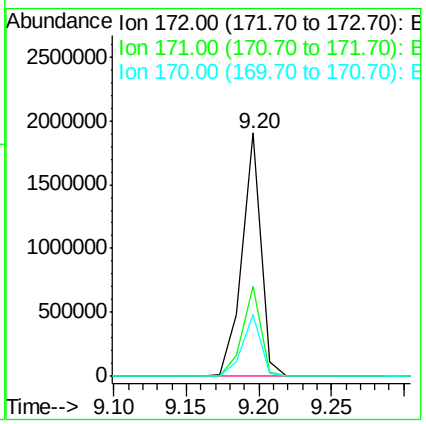


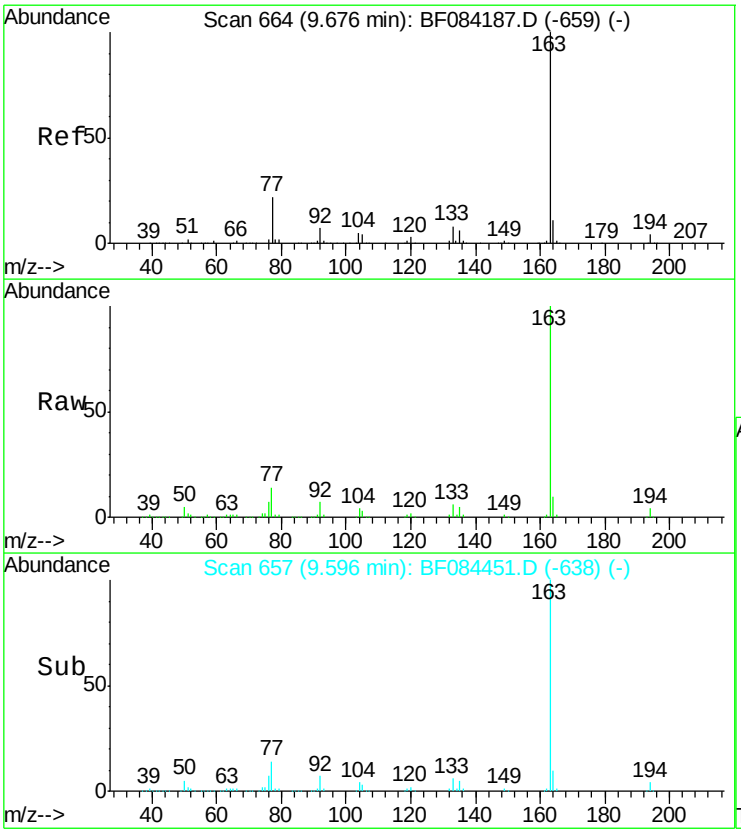
#44
2-Fluorobiphenyl
Concen: 55.09 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.07 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion:172 Resp: 1728806

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.2	18.6	27.8

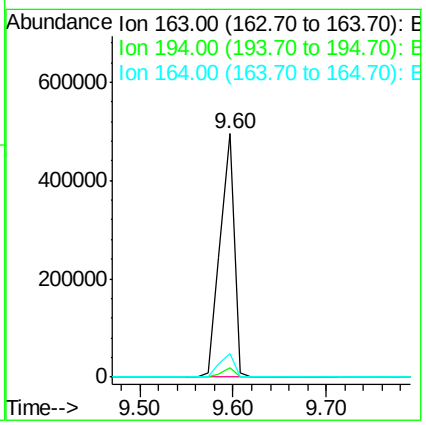


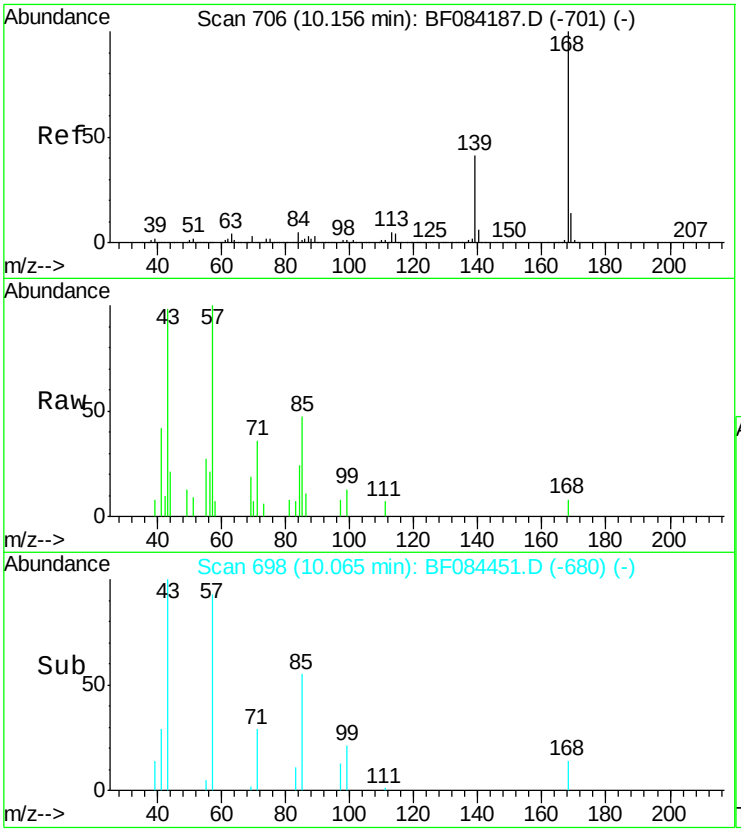


#49
Dimethylphthalate
Concen: 13.71 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.08 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:163 Resp: 519919

Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.7	8.0	12.0



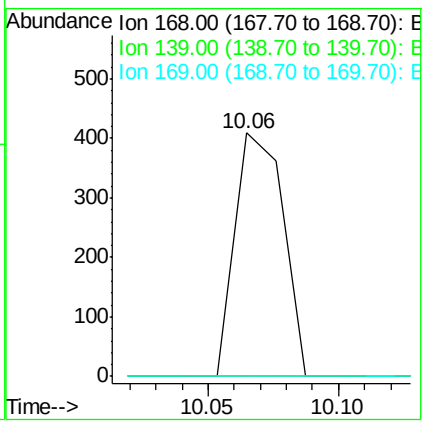


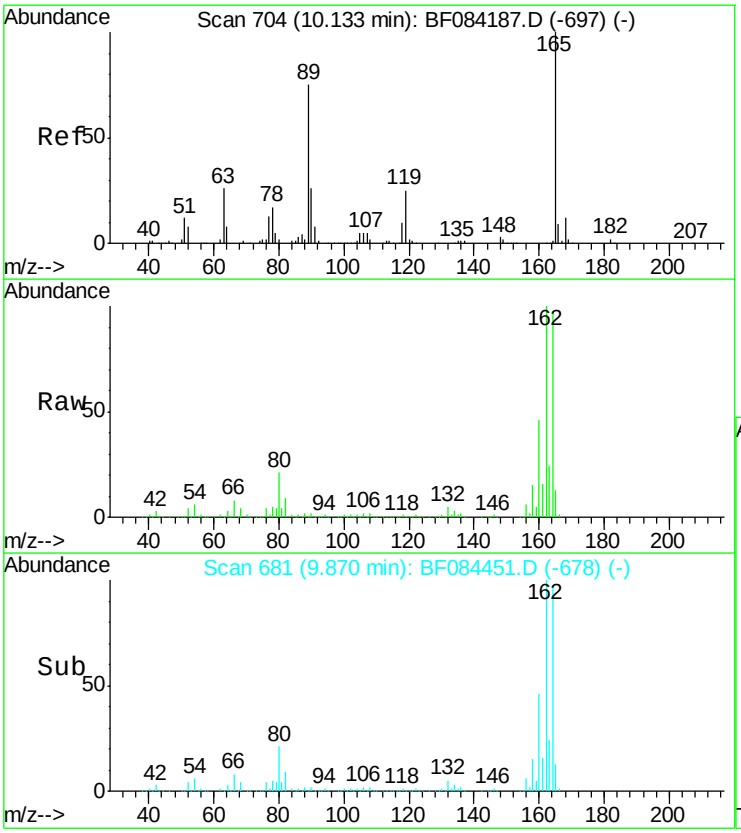
#54
Dibenzofuran
Concen: Below Cal
RT: 10.06 min Scan# 698
Delta R.T. -0.09 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion:168 Resp: 529

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#

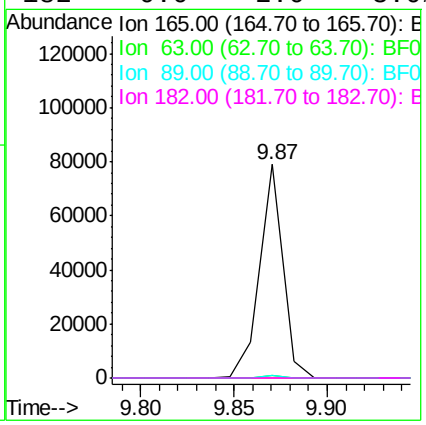


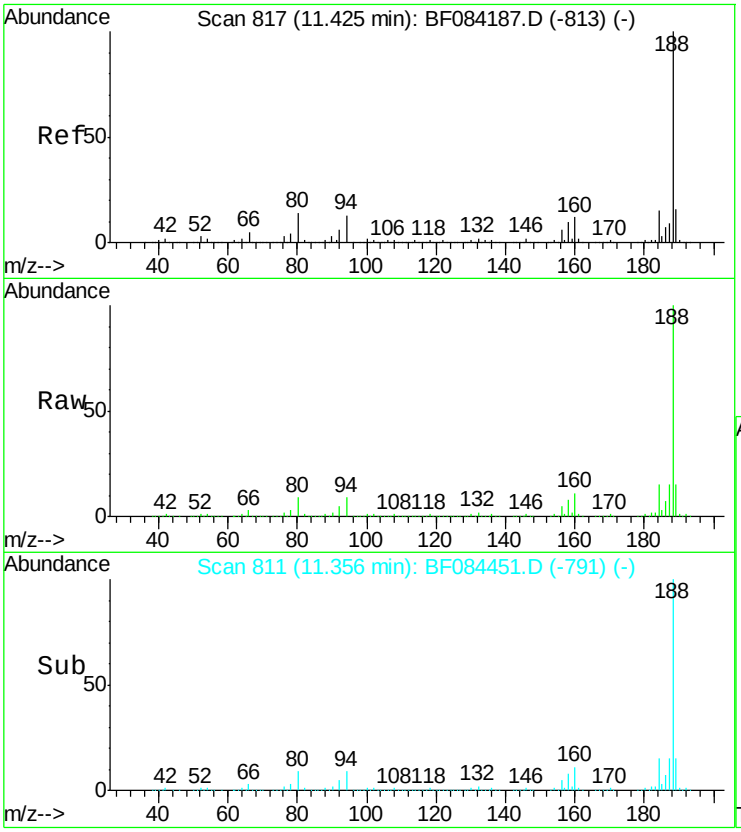


#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.26 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:165 Resp: 67883

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



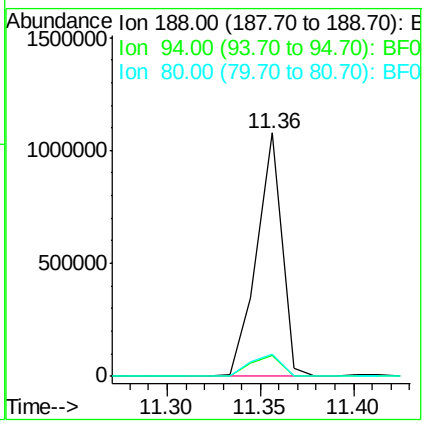


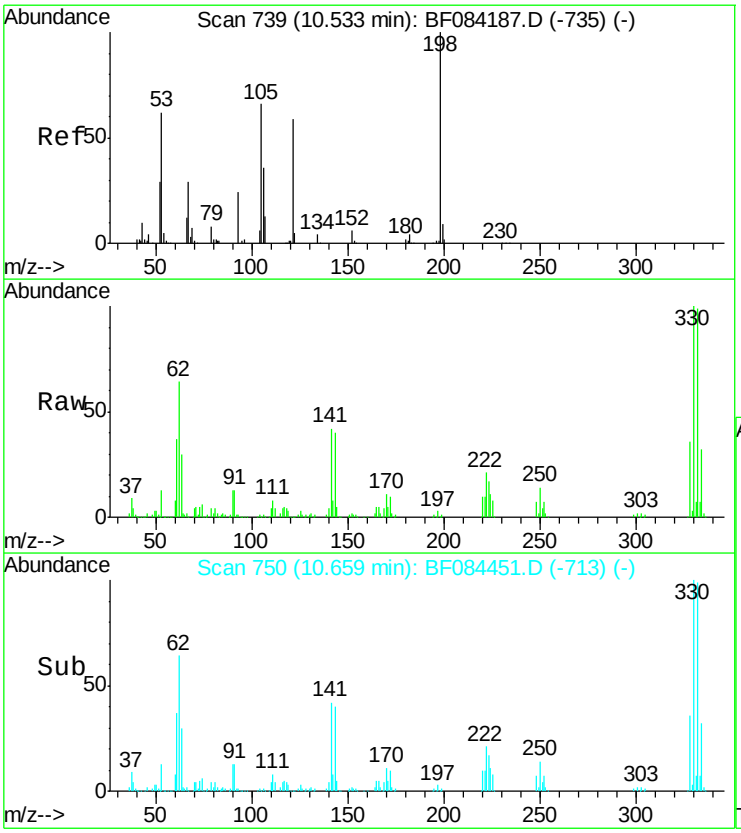
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.07 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion:188 Resp: 1010380

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.3	9.6	14.4#

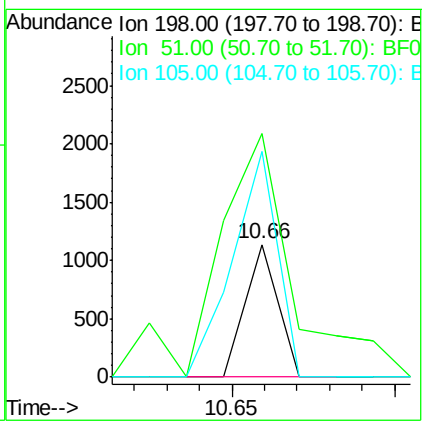


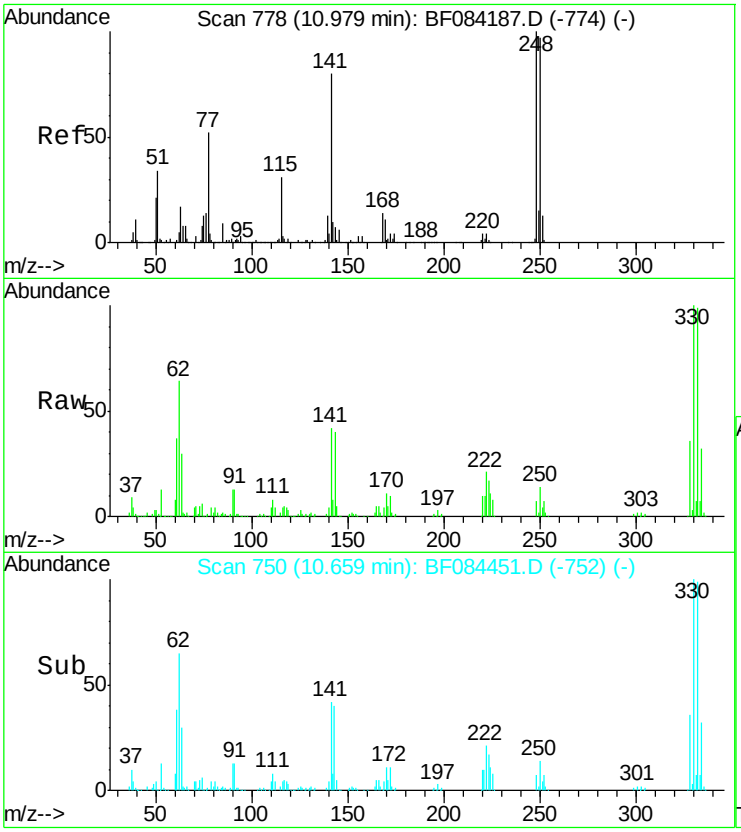


#64
4,6-Dinitro-2-methylphenol
Concen: 6.52 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.13 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:198 Resp: 780

Ion	Ratio	Lower	Upper
198	100		
51	183.6	18.9	58.9#
105	170.4	26.4	66.4#



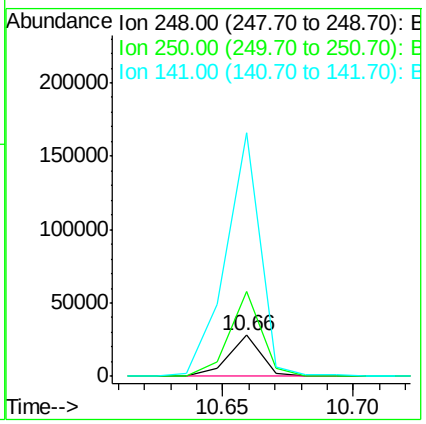


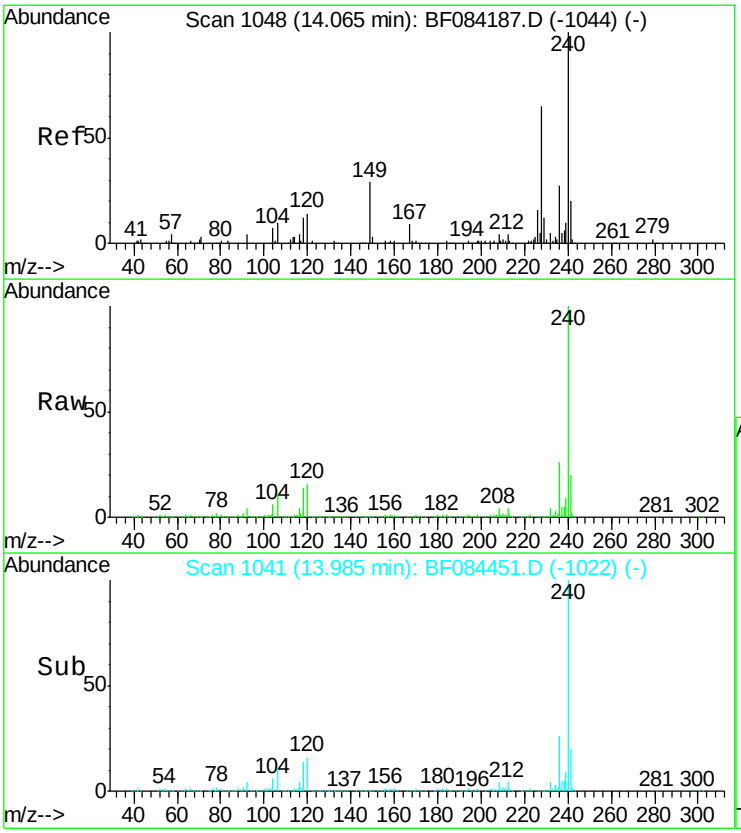
#66
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.32 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion:248 Resp: 24610

Ion	Ratio	Lower	Upper
248	100		
250	207.3	78.4	117.6#
141	595.2	44.0	66.0#

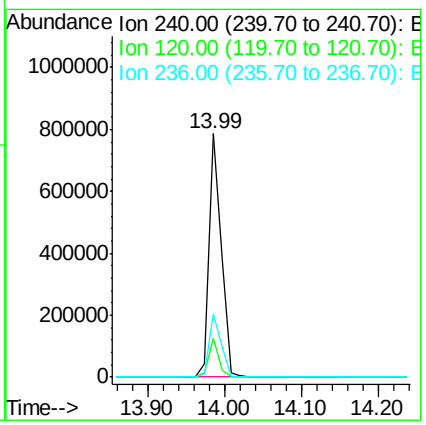


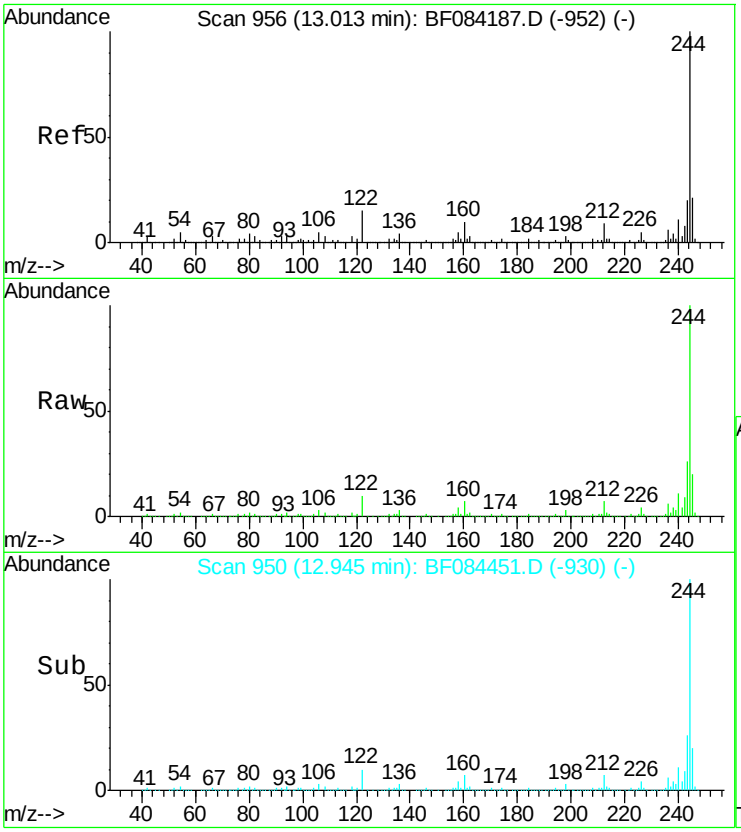


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:240 Resp: 849141

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.8	20.6	31.0



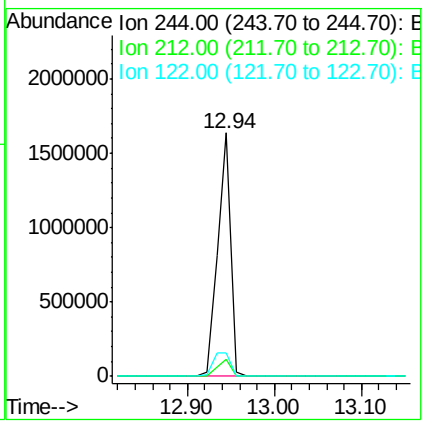


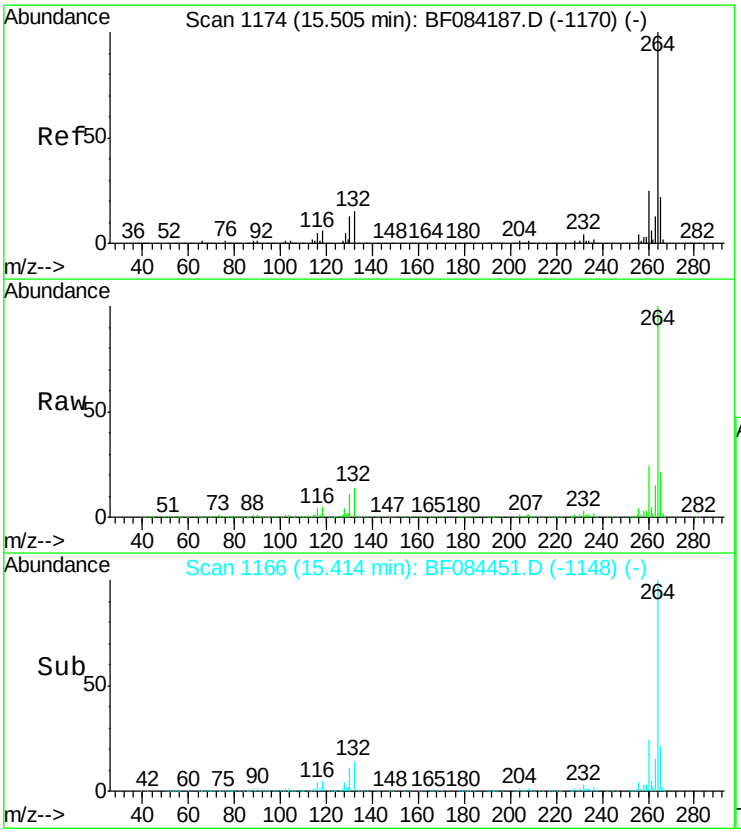
#78
Terphenyl-d14
Concen: 45.34 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.07 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tgt Ion:244 Resp: 1724844

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	9.6	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:264 Resp: 634153

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	17.8	26.6