Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Time: Sep 18 00:51:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46920	20.00	ng	-0.04
21) Naphthalene-d8	11.06	136	183794	20.00	ng	-0.06
38) Acenaphthene-d10	15.20	164	86014	20.00	ng	-0.06
63) Phenanthrene-d10	18.70	188	168924	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	139368	20.00	ng	-0.03
86) Perylene-d12	24.78	264	93136	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	168943	55.86	ng	-0.02
7) Phenol-d6	7.59	99	139015	34.73	ng	-0.06
23) Nitrobenzene-d5	9.48	82	382356	100.37	ng	-0.06
41) 2,4,6-Tribromophenol	17.11	330	117737	153.73	ng	-0.06
44) 2-Fluorobiphenyl	13.72	172	640840	95.48	ng	-0.06
78) Terphenyl-d14	22.08	244	592391	98.95	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	53643	39.50	ng	# 11
15) Benzyl Alcohol	8.50	79	6587	2.01	ng	# 32
18) Hexachloroethane	9.38	117	4584	3.25	ng	# 5
19) n-Nitroso-di-n-propylamine	9.48	70	51874	19.04	ng	# 66

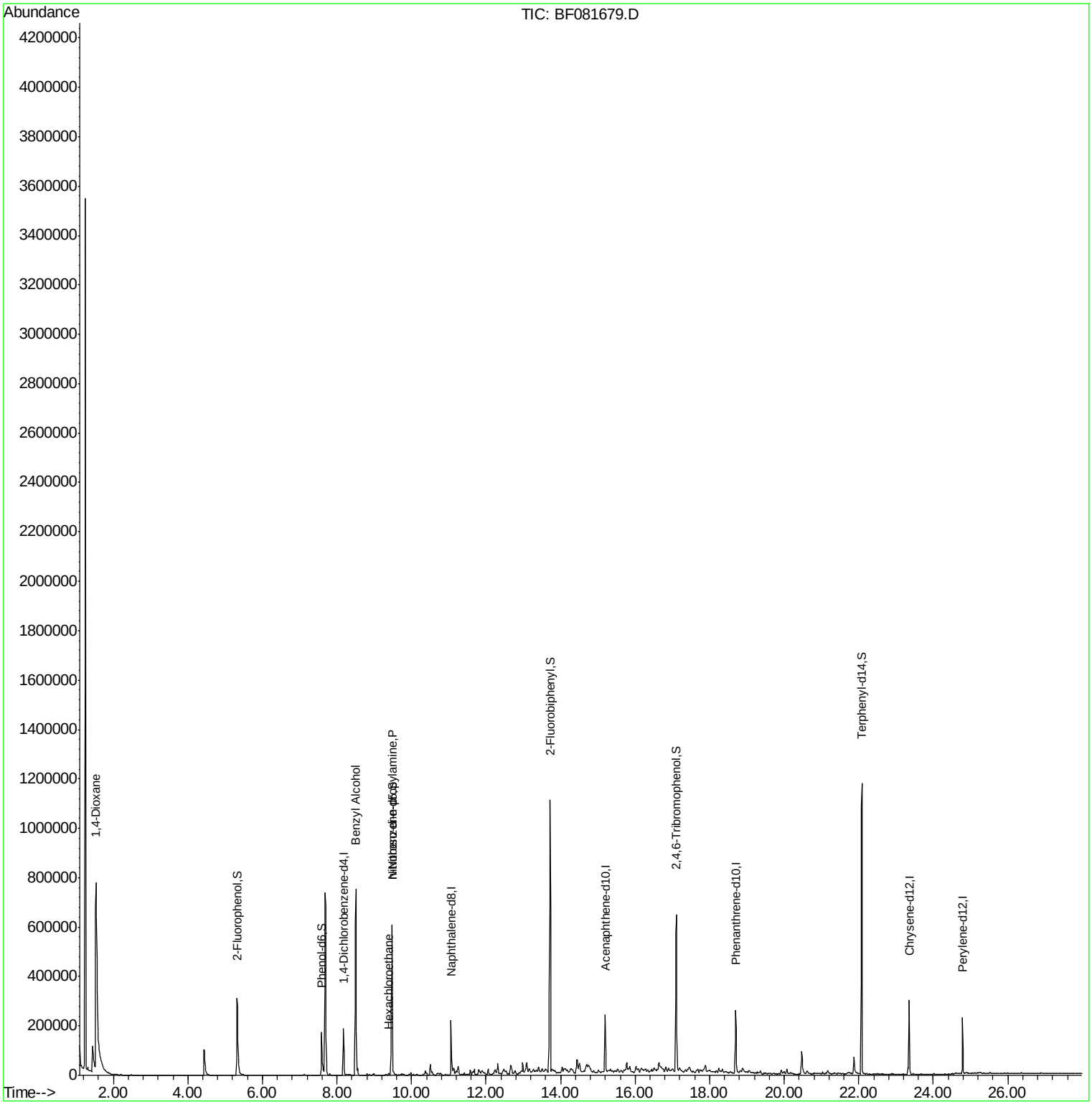
(#) = qualifier out of range (m) = manual integration (+) = signals summed

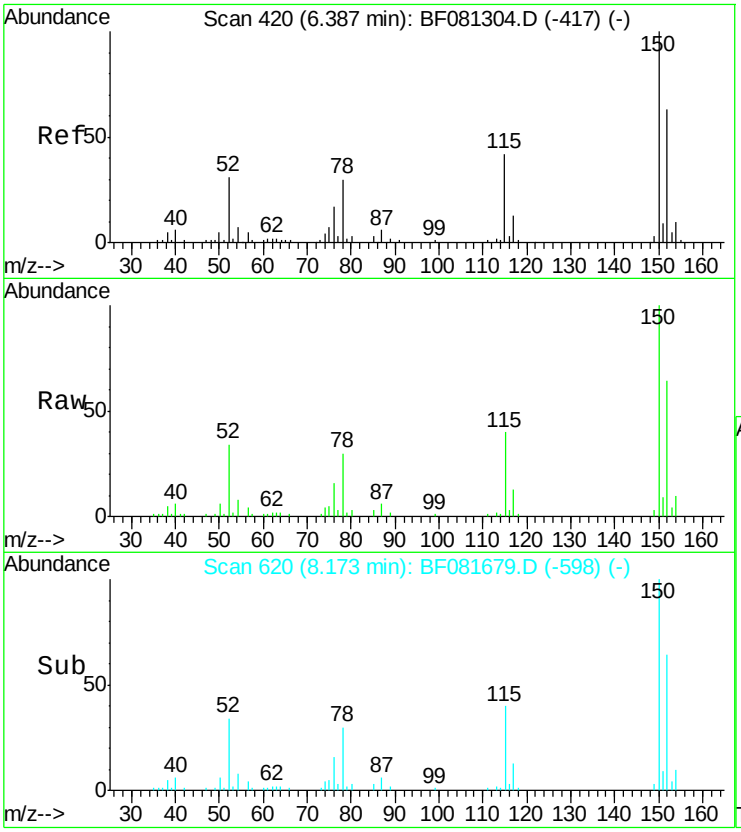
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM33

Quant Time: Sep 18 00:51:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration



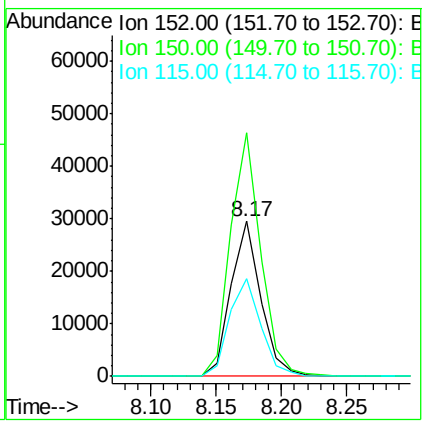


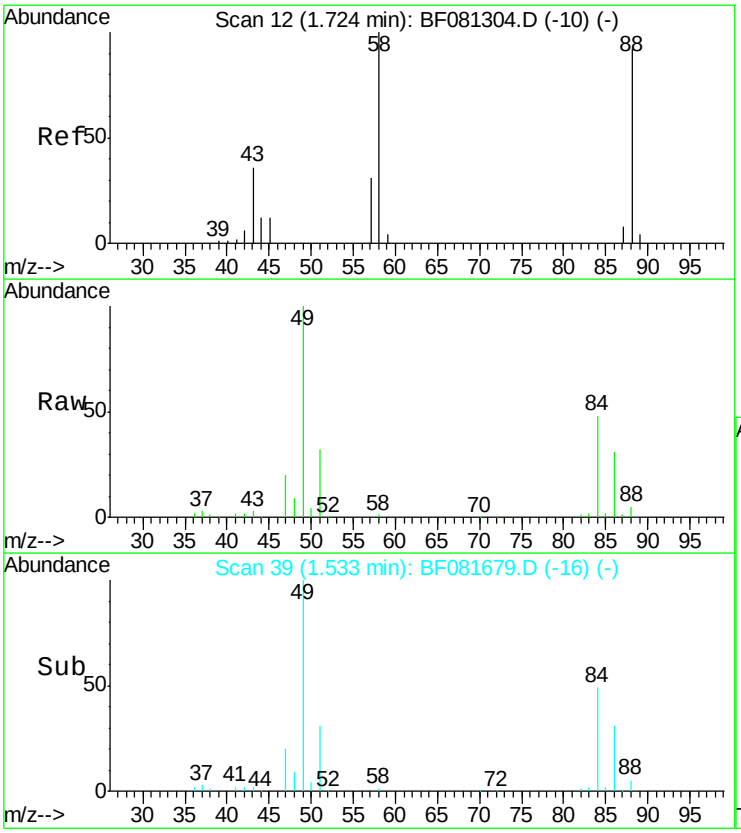
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.04 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:152 Resp: 46920

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	62.8	39.0	58.4#

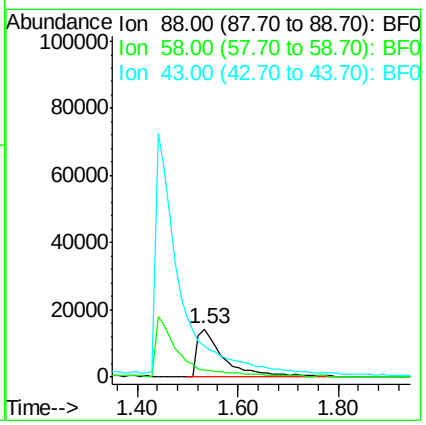


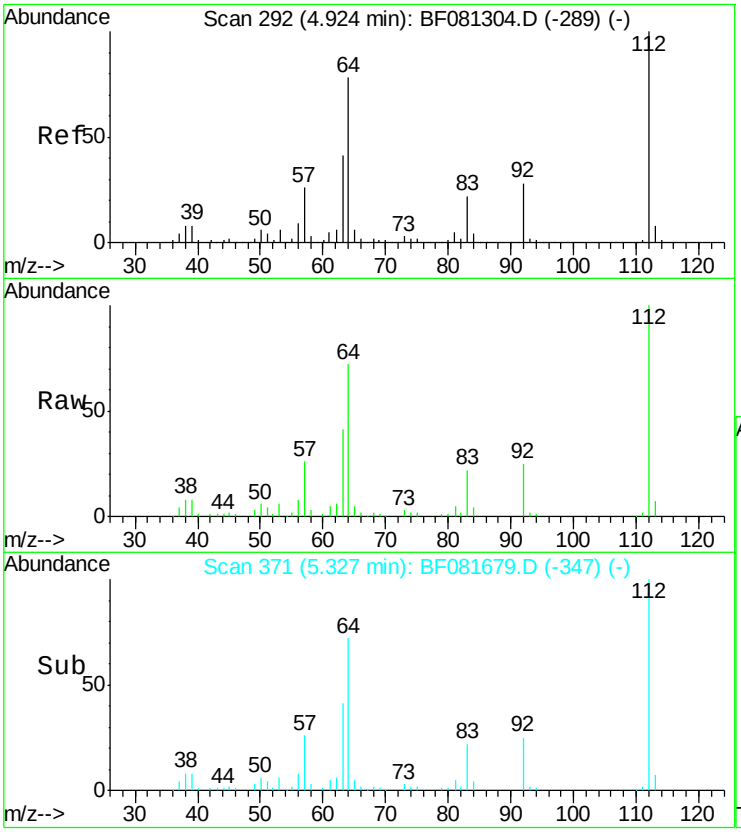


#2
1,4-Dioxane
Concen: 39.50 ng
RT: 1.53 min Scan# 39
Delta R.T. -0.03 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion: 88 Resp: 53643

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



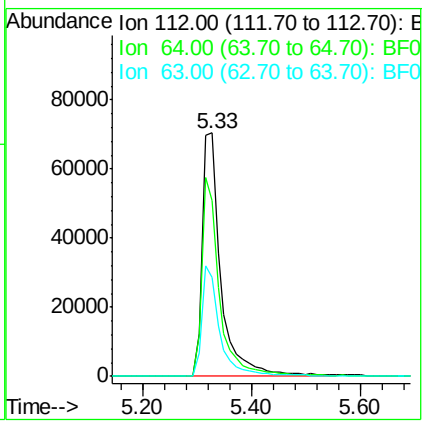


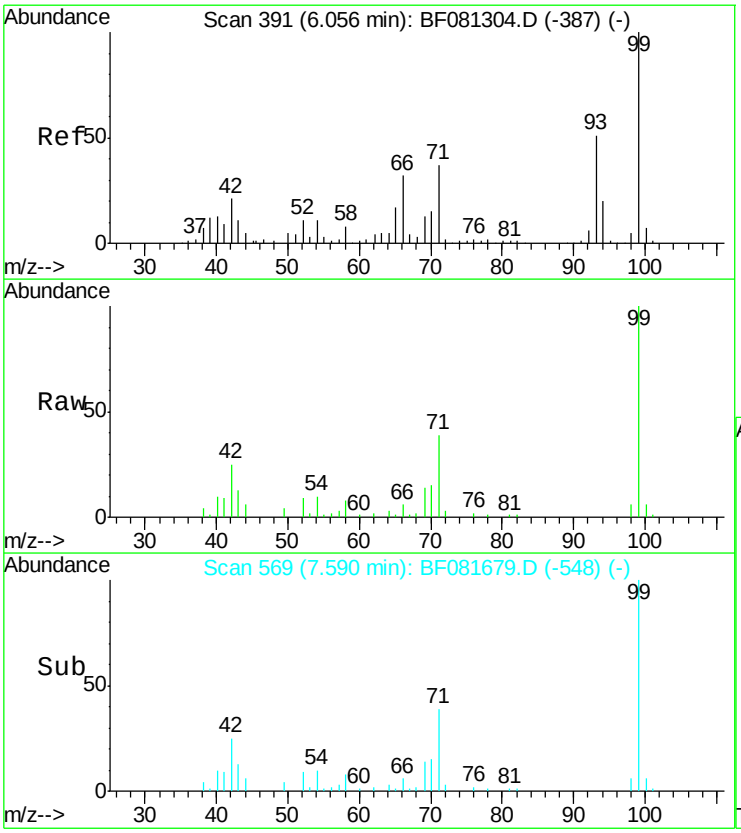
#5
2-Fluorophenol
Concen: 55.86 ng
RT: 5.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:112 Resp: 168943

Ion	Ratio	Lower	Upper
112	100		
64	72.4	39.7	59.5#
63	40.6	17.4	26.0#

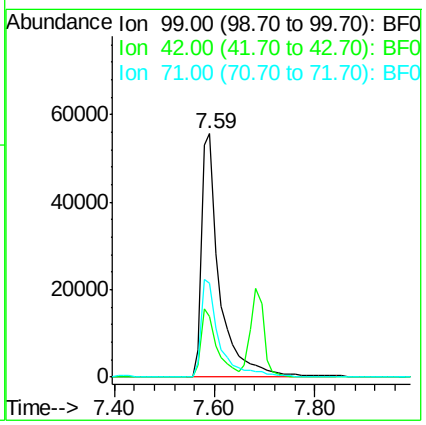


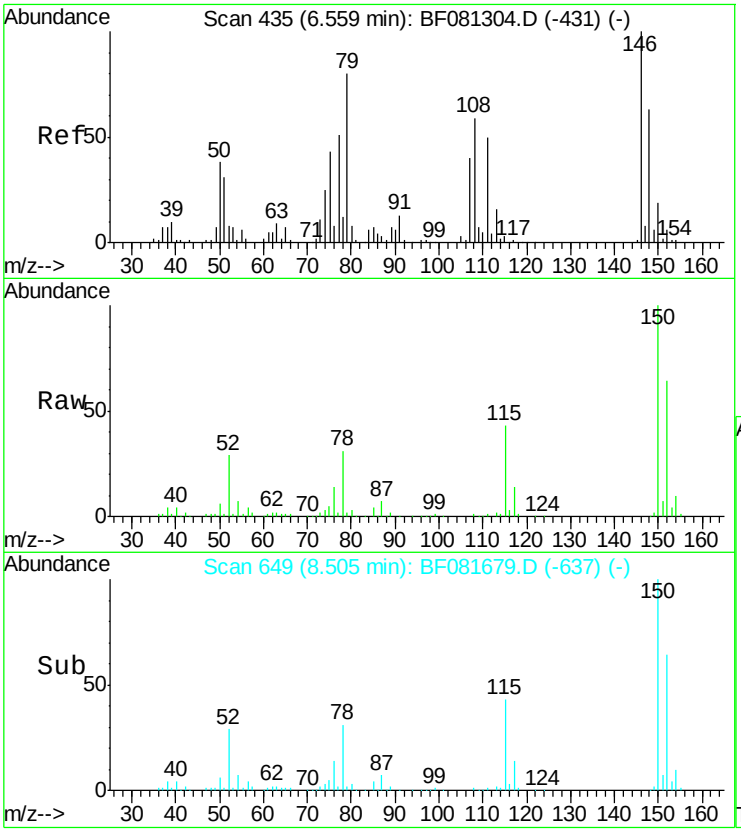


#7
Phenol-d6
Concen: 34.73 ng
RT: 7.59 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion: 99 Resp: 139015

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.7	20.5#
71	38.7	14.2	21.2#



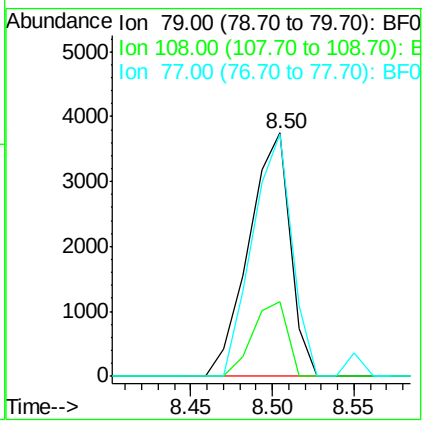


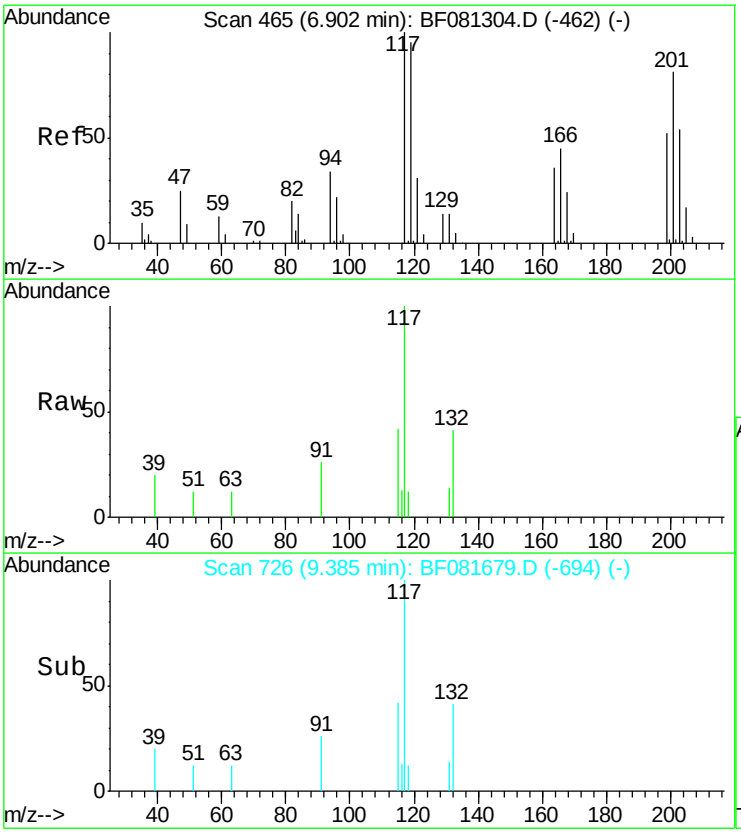
#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 8.50 min Scan# 649
Delta R.T. -0.16 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion: 79 Resp: 6587

Ion	Ratio	Lower	Upper
79	100		
108	30.9	88.6	132.8#
77	99.7	47.0	70.4#

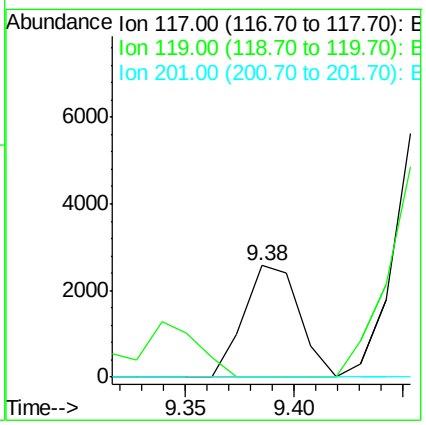


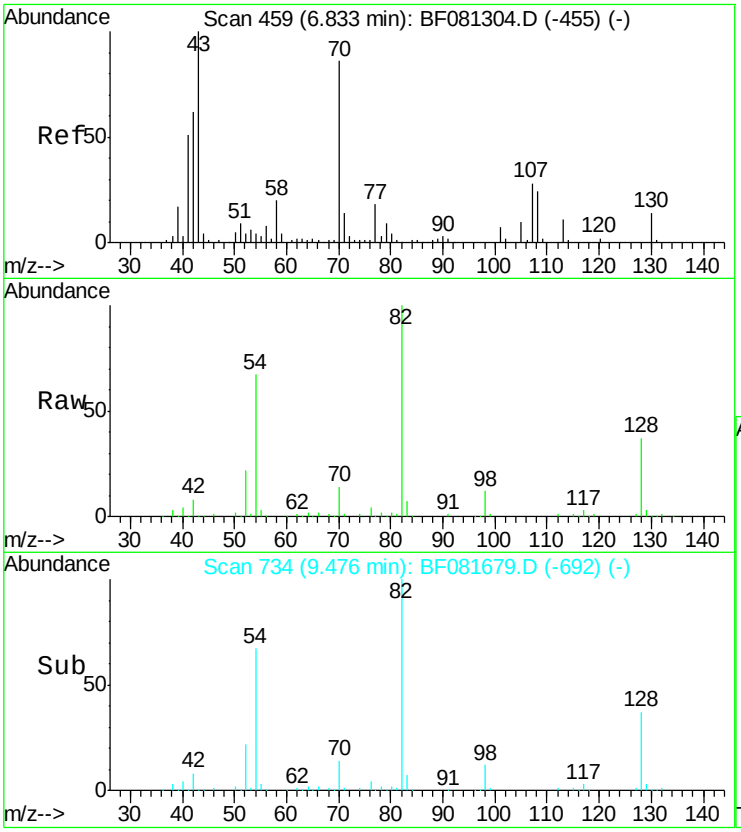


#18
Hexachloroethane
Concen: 3.25 ng
RT: 9.38 min Scan# 726
Delta R.T. 0.07 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion:117 Resp: 4584

Ion	Ratio	Lower	Upper
117	100		
119	0.0	83.8	125.6#
201	0.0	55.1	82.7#



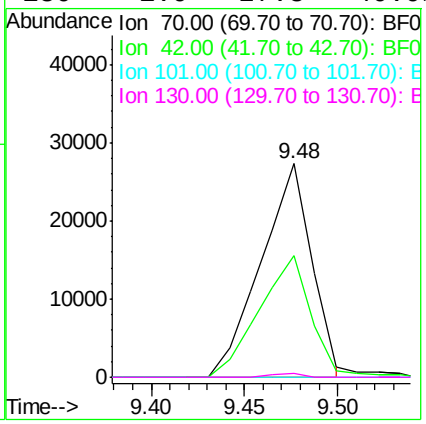


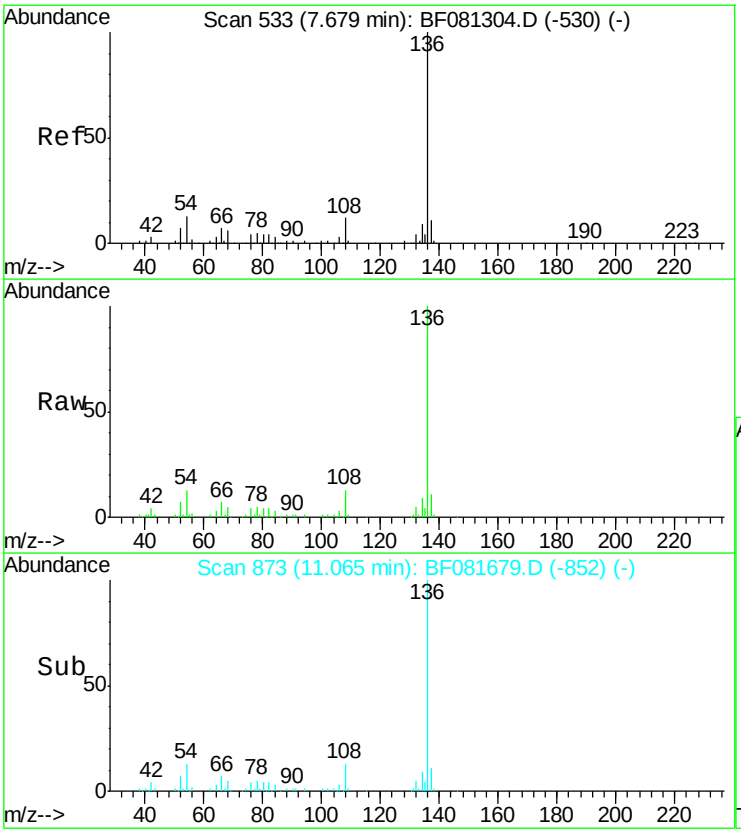
#19
n-Nitroso-di-n-propylamine
Concen: 19.04 ng
RT: 9.48 min Scan# 734
Delta R.T. 0.18 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion: 70 Resp: 51874

Ion	Ratio	Lower	Upper
70	100		
42	57.1	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#

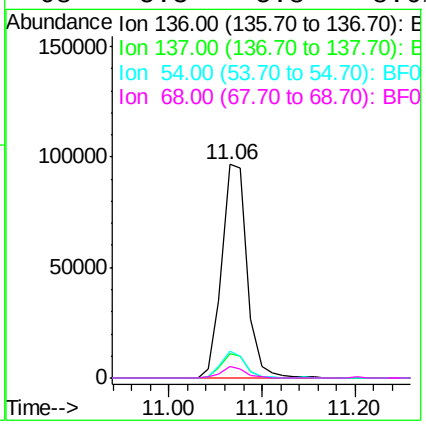


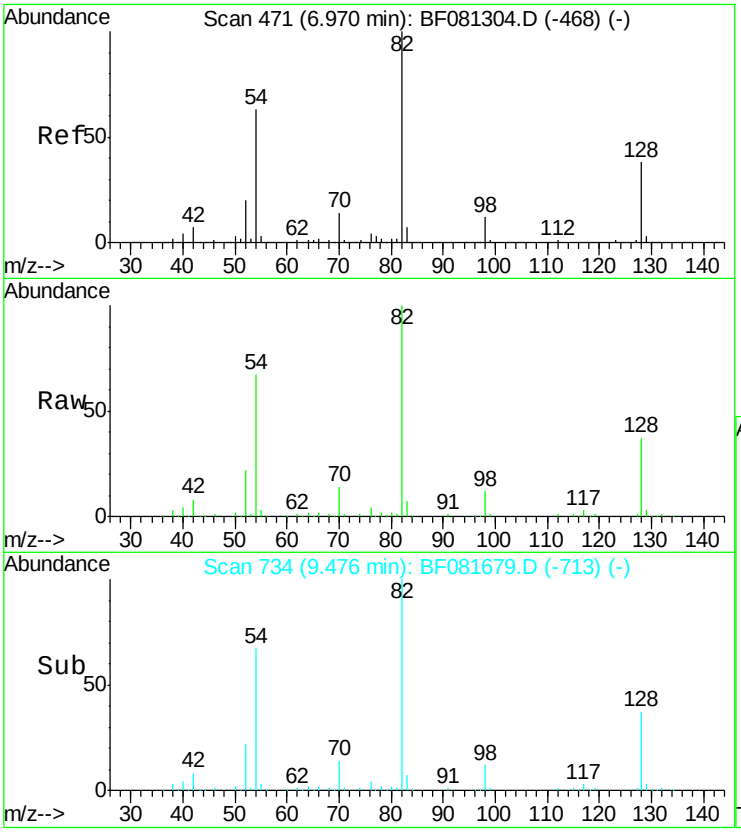


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion:136 Resp: 183794

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	12.7	8.2	12.2#
68	5.3	5.8	8.6#



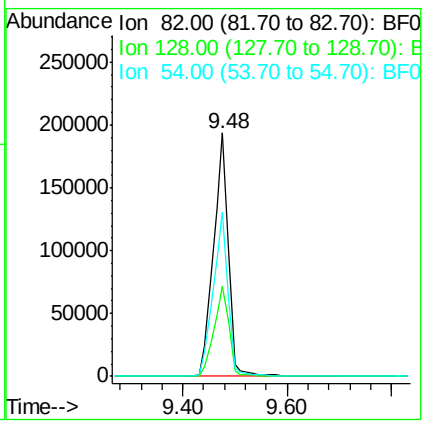


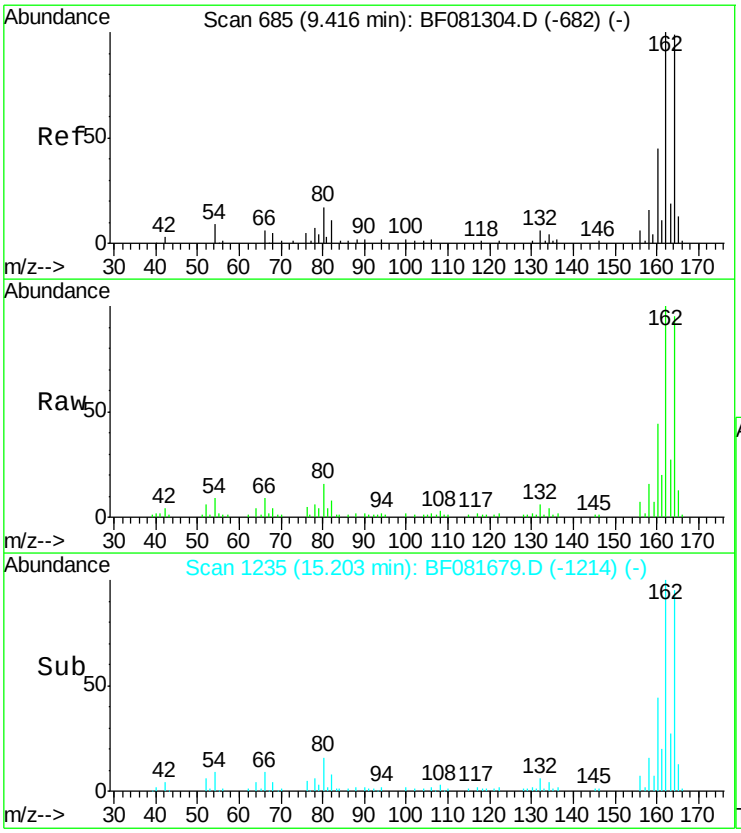
#23
Nitrobenzene-d5
Concen: 100.37 ng
RT: 9.48 min Scan# 734
Delta R.T. -0.06 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion: 82 Resp: 382356

Ion	Ratio	Lower	Upper
82	100		
128	37.0	51.0	76.6#
54	67.2	47.5	71.3

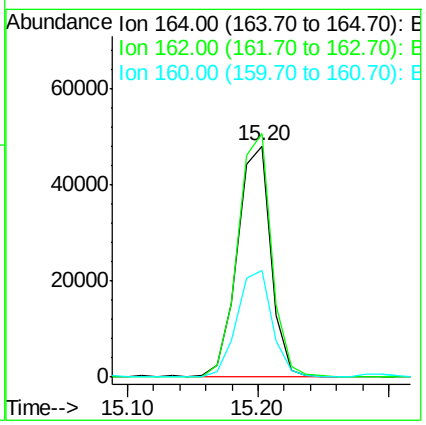


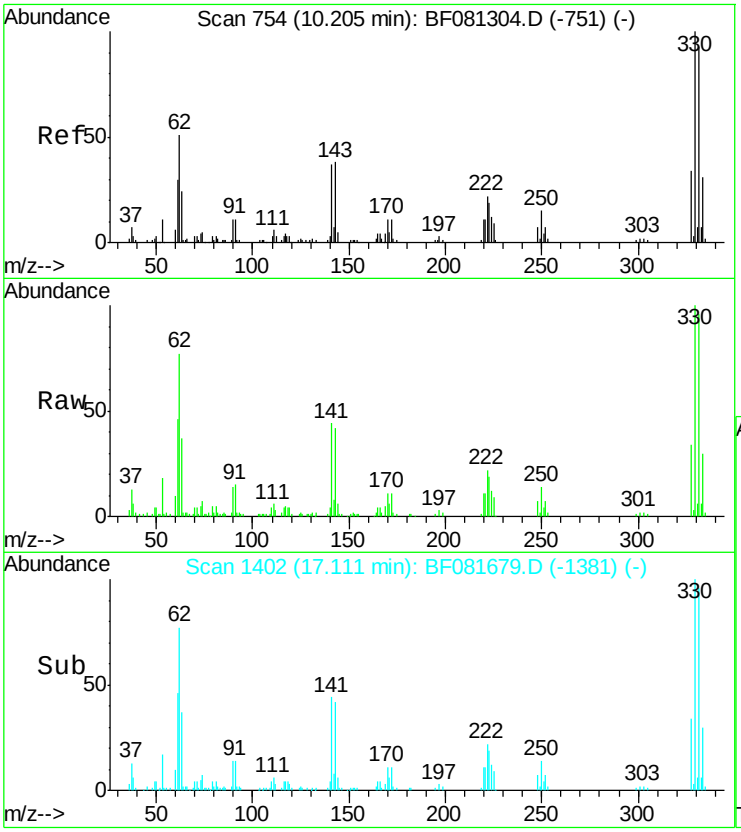


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.20 min Scan# 1235
Delta R.T. -0.06 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion:164 Resp: 86014

Ion	Ratio	Lower	Upper
164	100		
162	105.4	75.2	112.8
160	46.4	31.5	47.3



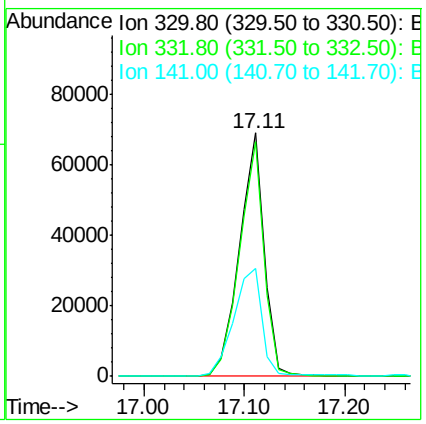


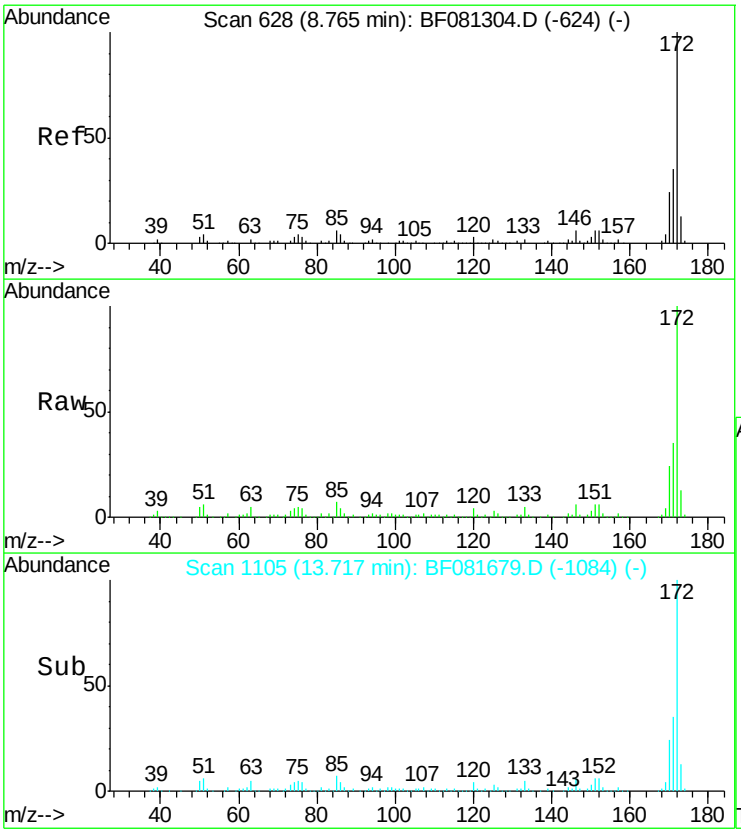
#41
2,4,6-Tribromophenol
Concen: 153.73 ng
RT: 17.11 min Scan# 1402
Delta R.T. -0.06 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:330 Resp: 117737

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	51.5	29.7	44.5#

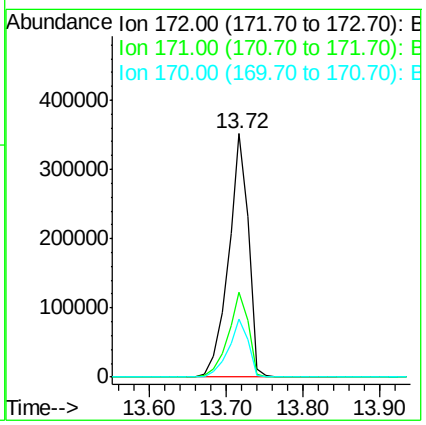


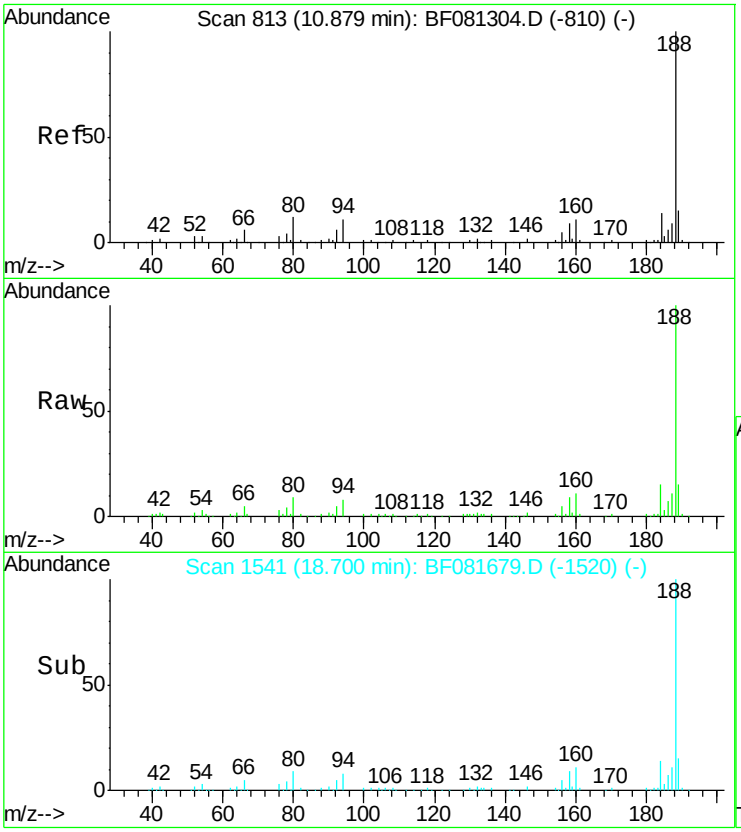


#44
2-Fluorobiphenyl
Concen: 95.48 ng
RT: 13.72 min Scan# 1105
Delta R.T. -0.06 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion:172 Resp: 640840

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.8	17.4	26.2



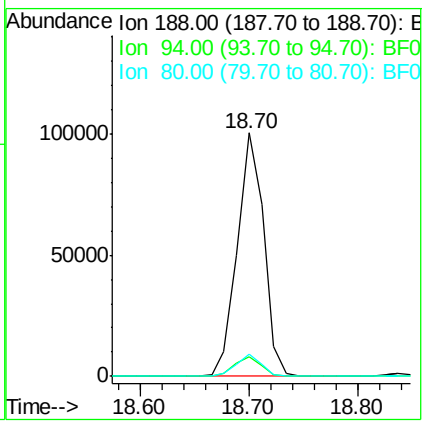


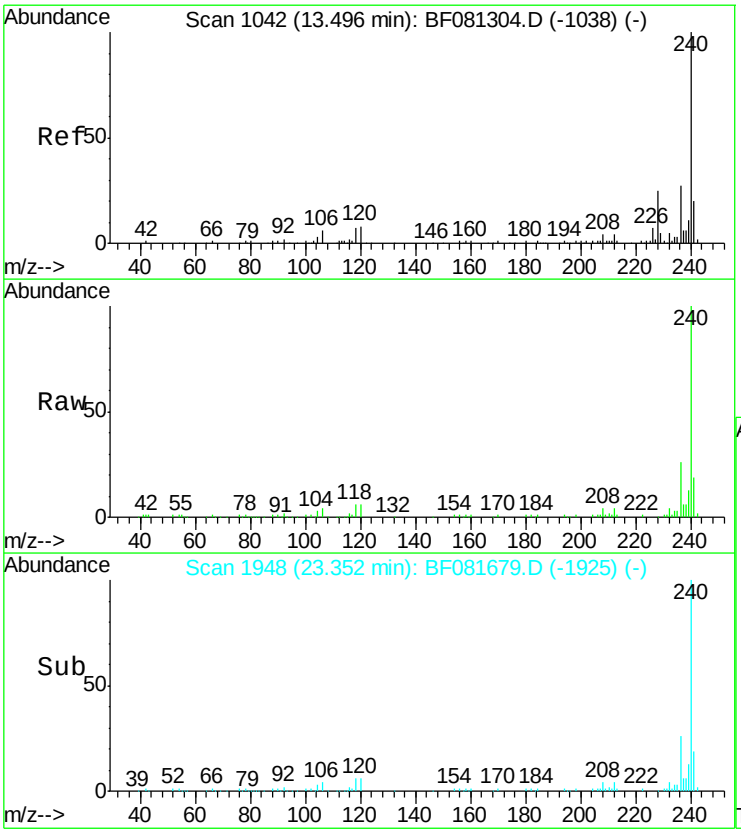
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:188 Resp: 168924

Ion	Ratio	Lower	Upper
188	100		
94	7.9	11.1	16.7#
80	9.3	11.0	16.4#

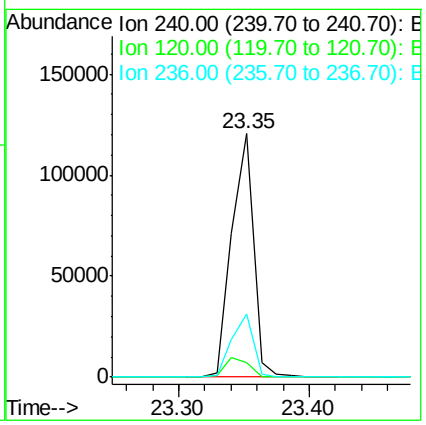


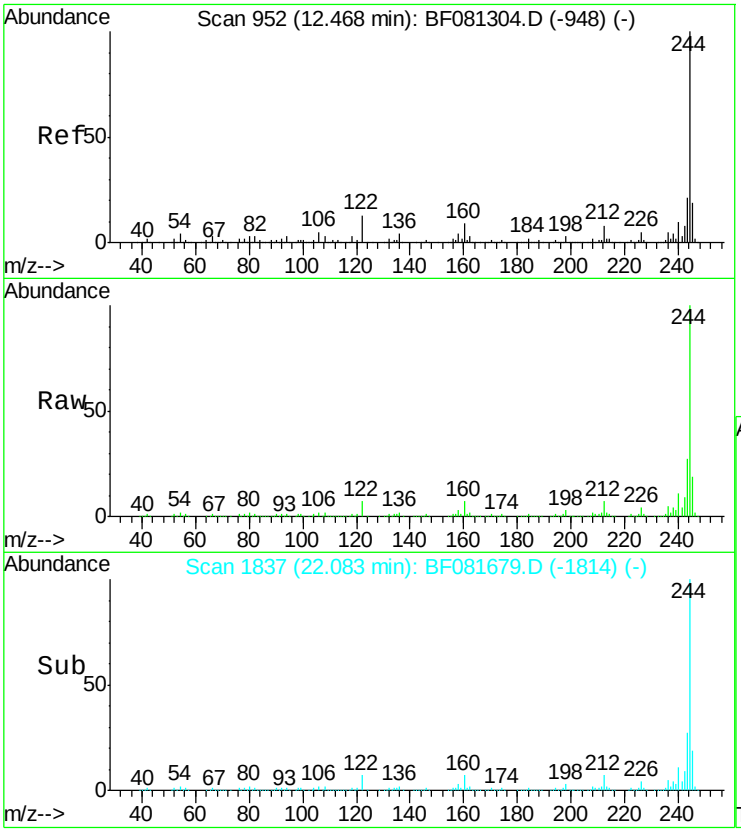


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion:240 Resp: 139368

Ion	Ratio	Lower	Upper
240	100		
120	6.0	16.2	24.2#
236	25.8	18.4	27.6



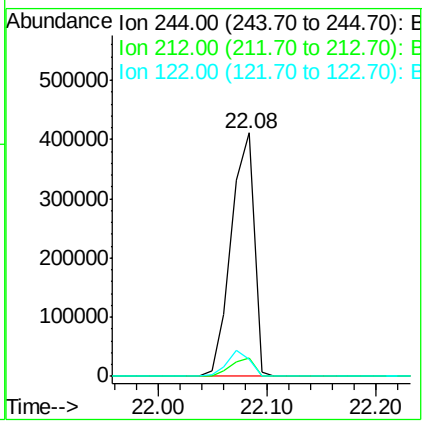


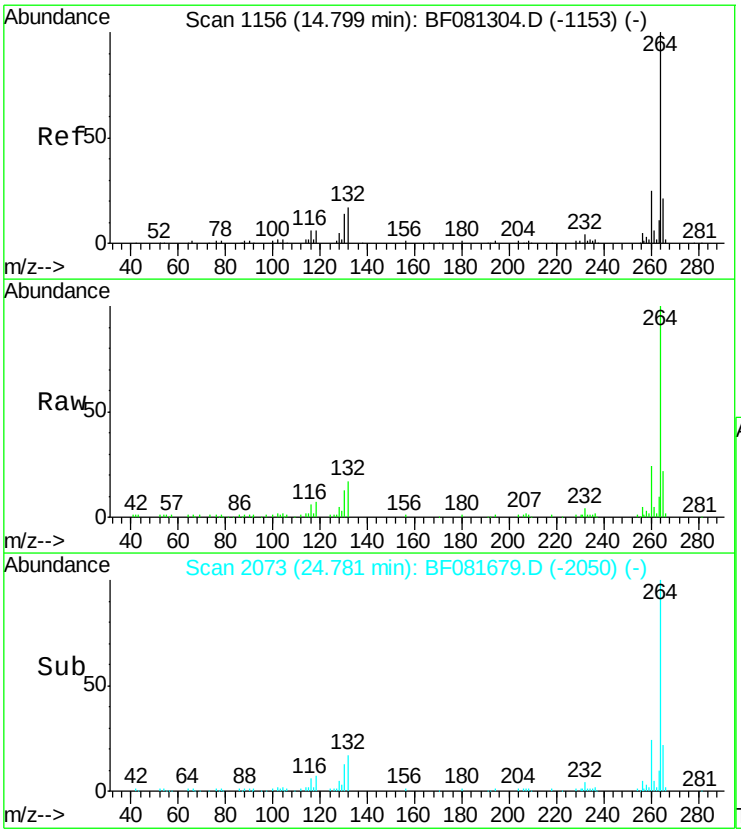
#78
Terphenyl-d14
Concen: 98.95 ng
RT: 22.08 min Scan# 1837
Delta R.T. -0.03 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:244 Resp: 592391

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	6.9	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion:264 Resp: 93136

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.5	17.2	25.8