Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081650.D
Acq On : 16 Sep 2015 15:33
Operator : UM/IZ
Sample : G3647-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11

Quant Time: Sep 17 02:20:46 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	8.18	152	46921	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	188110	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	91059	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	184326	20.00	ng	-0.03
75) Chrysene-d12	23.36	240	147754	20.00	ng	-0.02
86) Perylene-d12	24.79	264	107027	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	427901	141.49	ng	0.00
7) Phenol-d6	7.61	99	611487	152.75	ng	-0.03
23) Nitrobenzene-d5	9.49	82	399718	102.52	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	130013	160.35	ng	-0.05
44) 2-Fluorobiphenyl	13.74	172	677612	95.36	ng	-0.03
78) Terphenyl-d14	22.09	244	650143	102.43	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	55892	41.15	ng	# 11
15) Benzyl Alcohol	8.51	79	6754	2.06	ng	# 29
19) n-Nitroso-di-n-propylamine	9.49	70	53567	19.66	ng	# 66
49) Dimethylphthalate	14.79	163	169778	24.00	ng	# 98

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

Quantitation Report (Not Reviewed)

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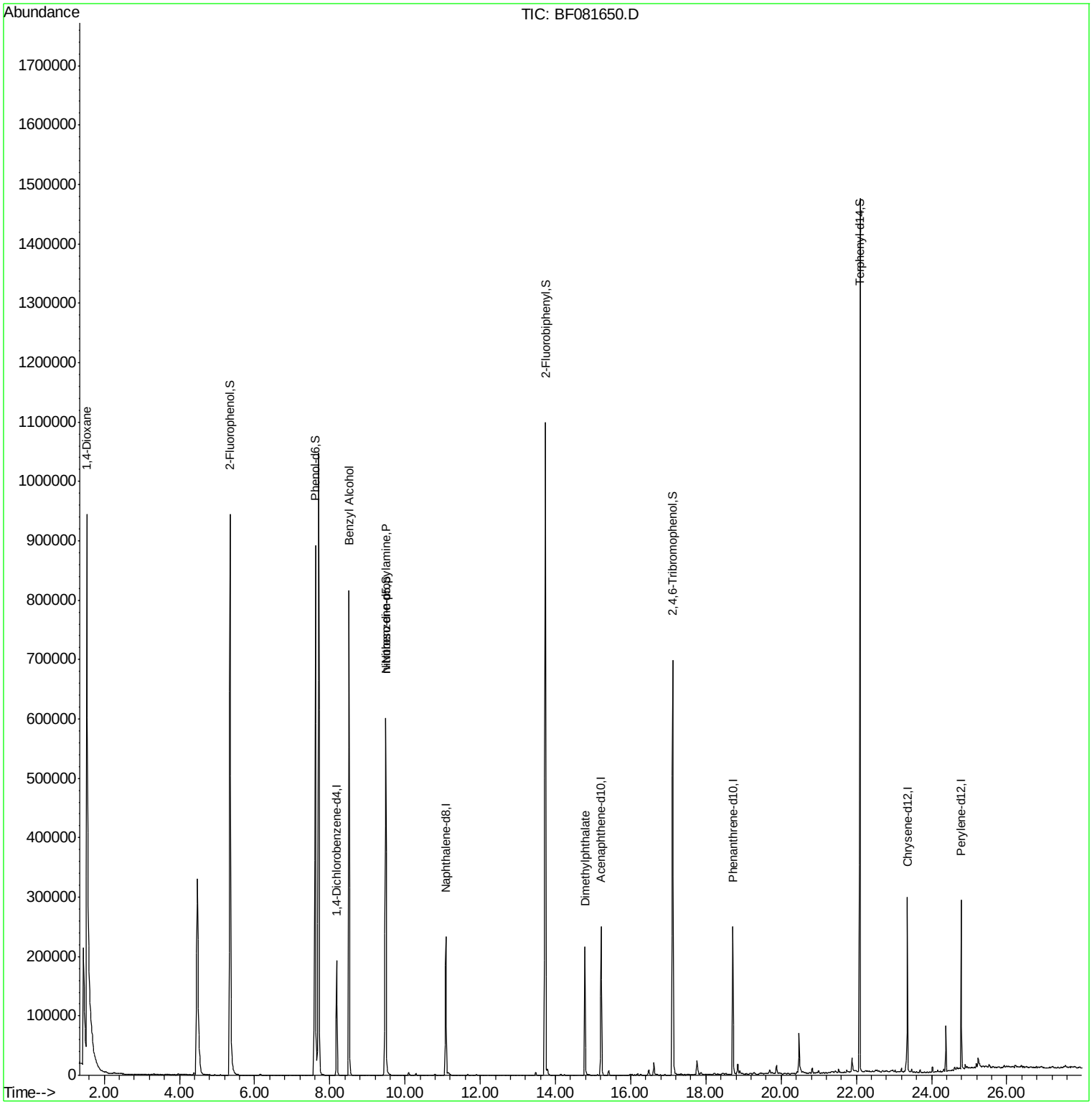
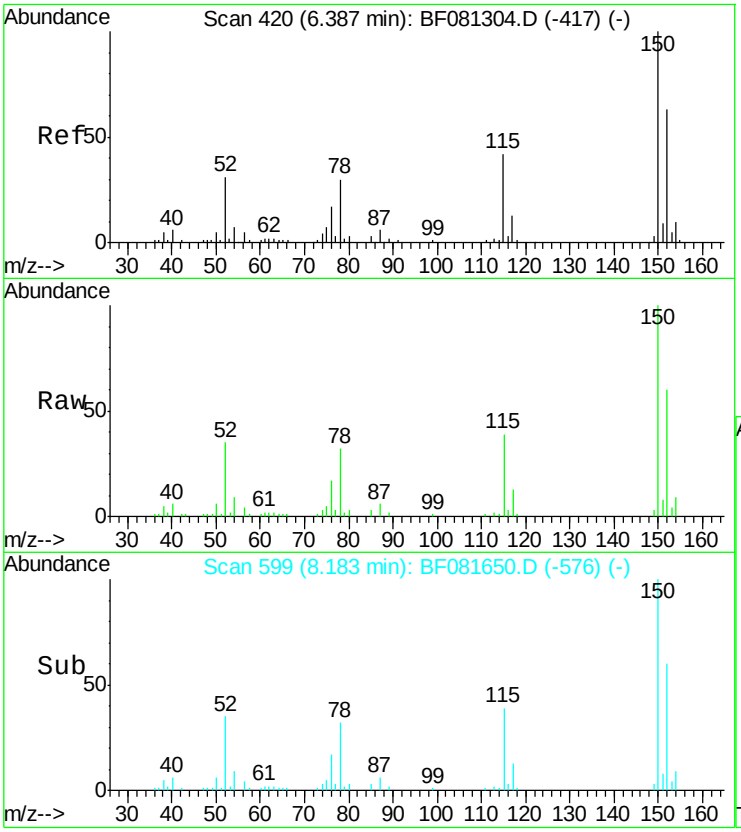


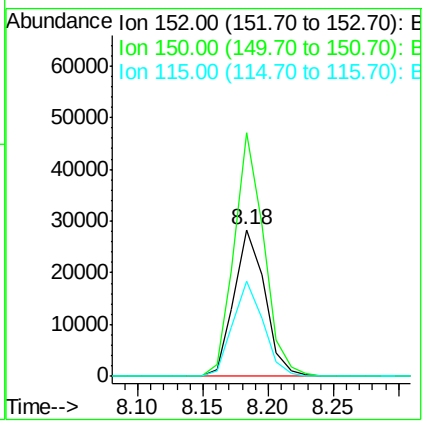


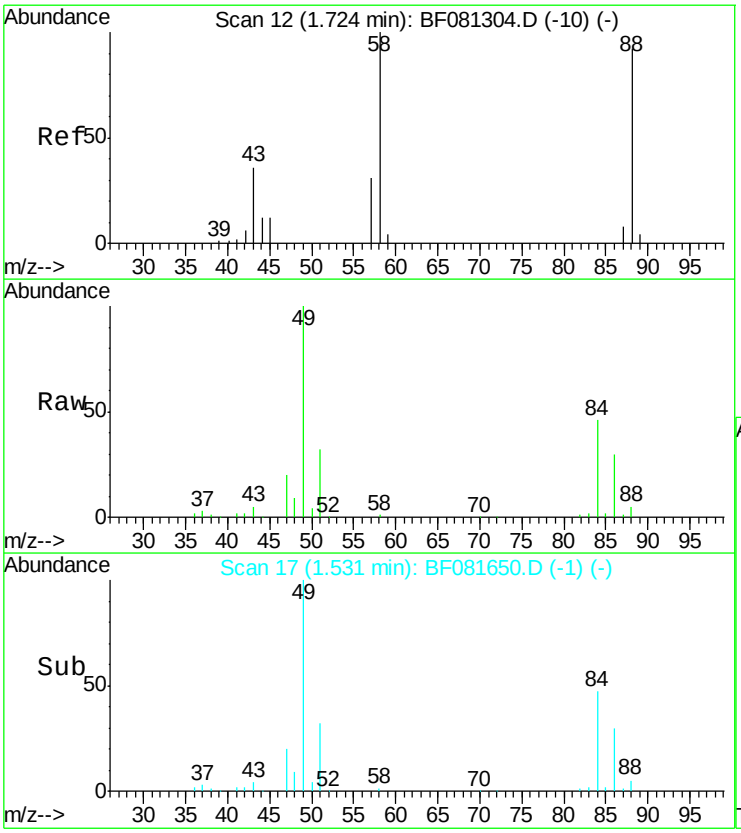
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:152 Resp: 46921

Ion	Ratio	Lower	Upper
152	100		
150	165.9	124.7	187.1
115	64.9	39.0	58.4#

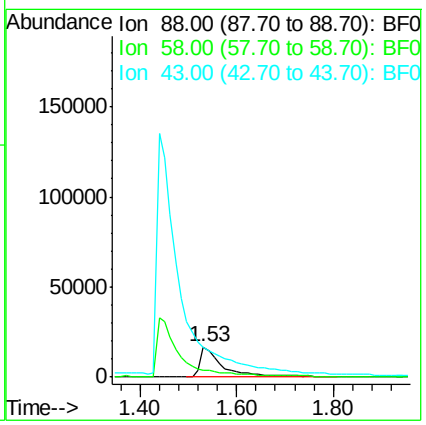


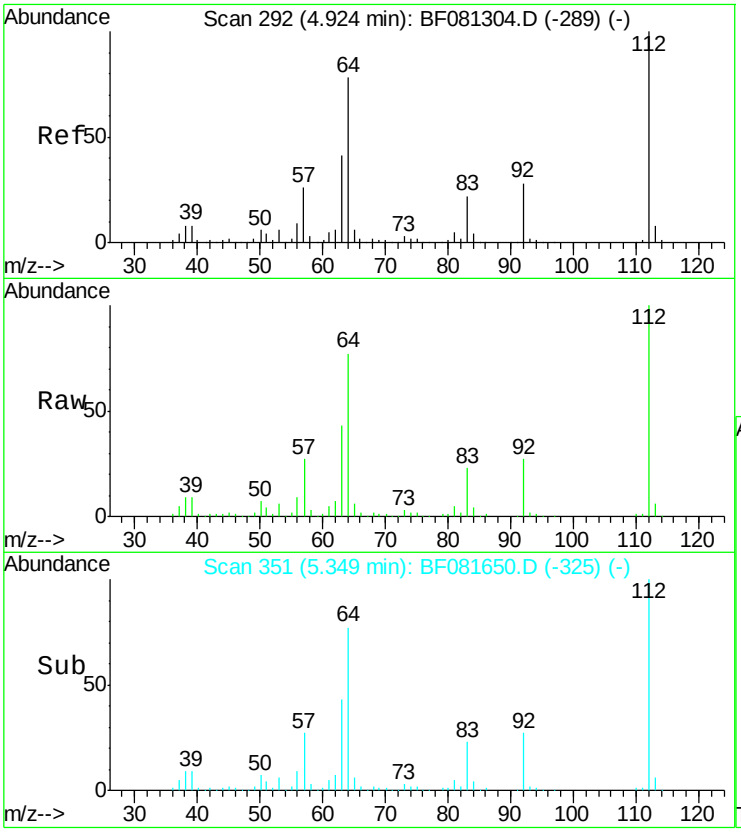


#2
1,4-Dioxane
Concen: 41.15 ng
RT: 1.53 min Scan# 17
Delta R.T. -0.03 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Tgt Ion: 88 Resp: 55892

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



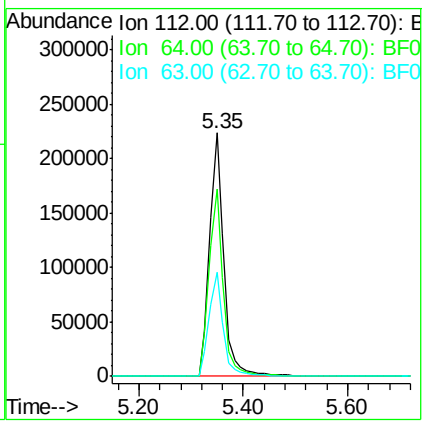


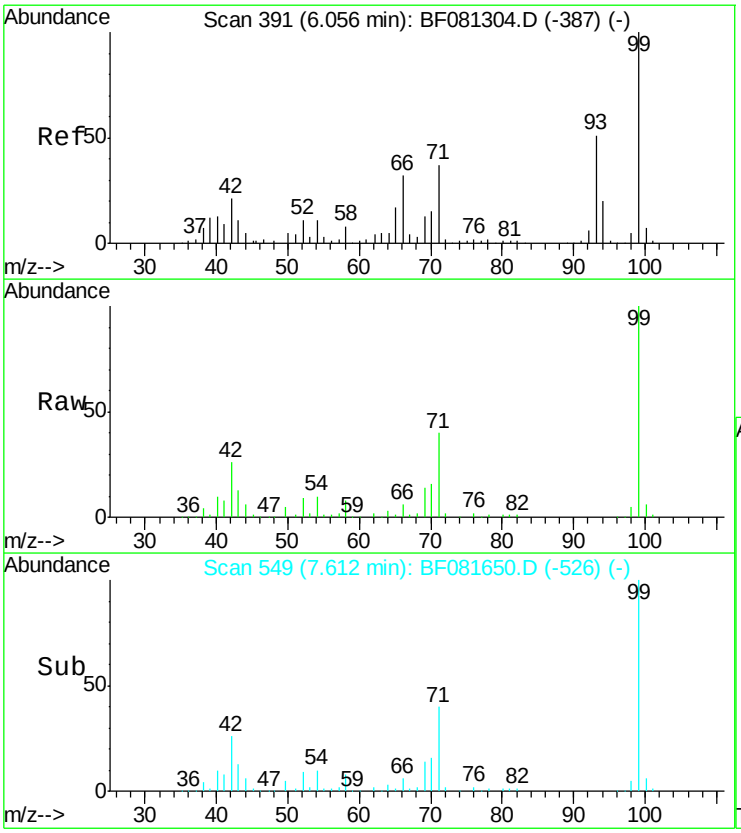
#5
2-Fluorophenol
Concen: 141.49 ng
RT: 5.35 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:112 Resp: 427901

Ion	Ratio	Lower	Upper
112	100		
64	77.1	39.7	59.5#
63	42.9	17.4	26.0#

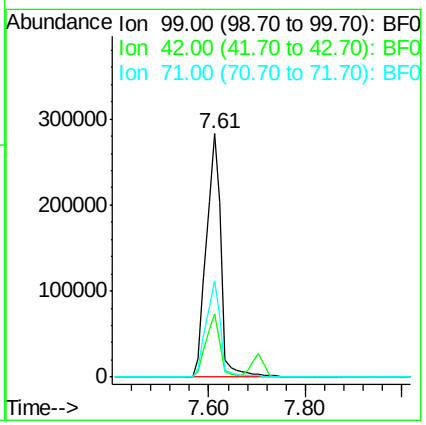


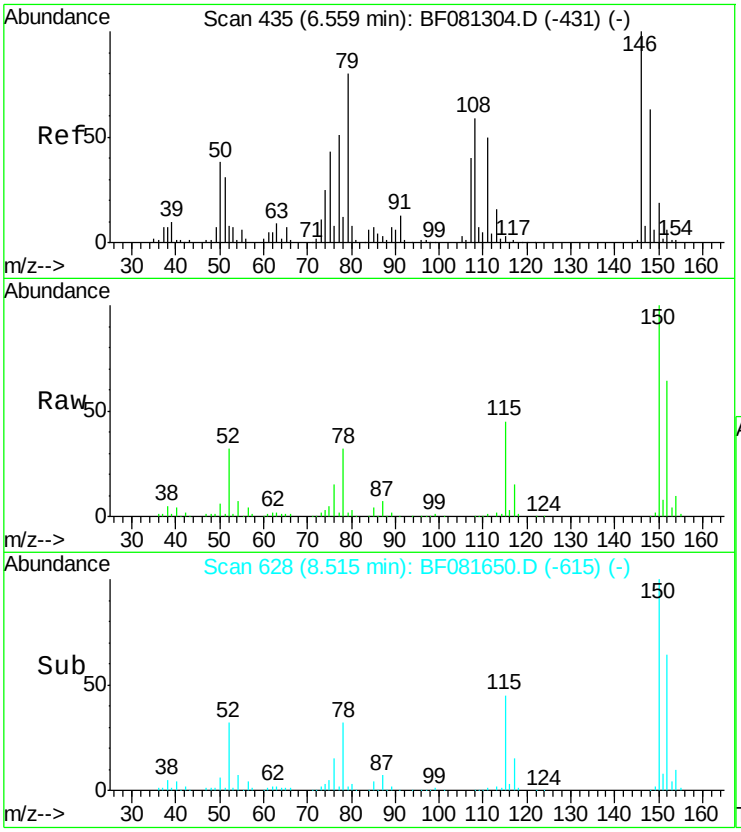


#7
Phenol-d6
Concen: 152.75 ng
RT: 7.61 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Tgt Ion: 99 Resp: 611487

Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.7	20.5#
71	39.6	14.2	21.2#



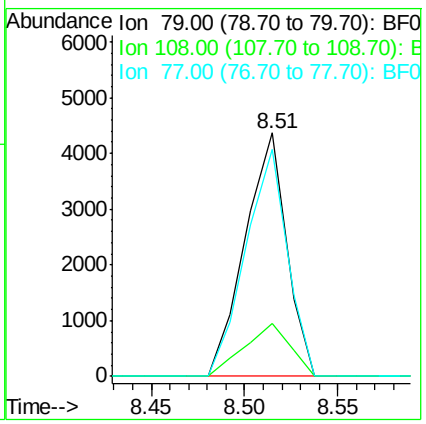


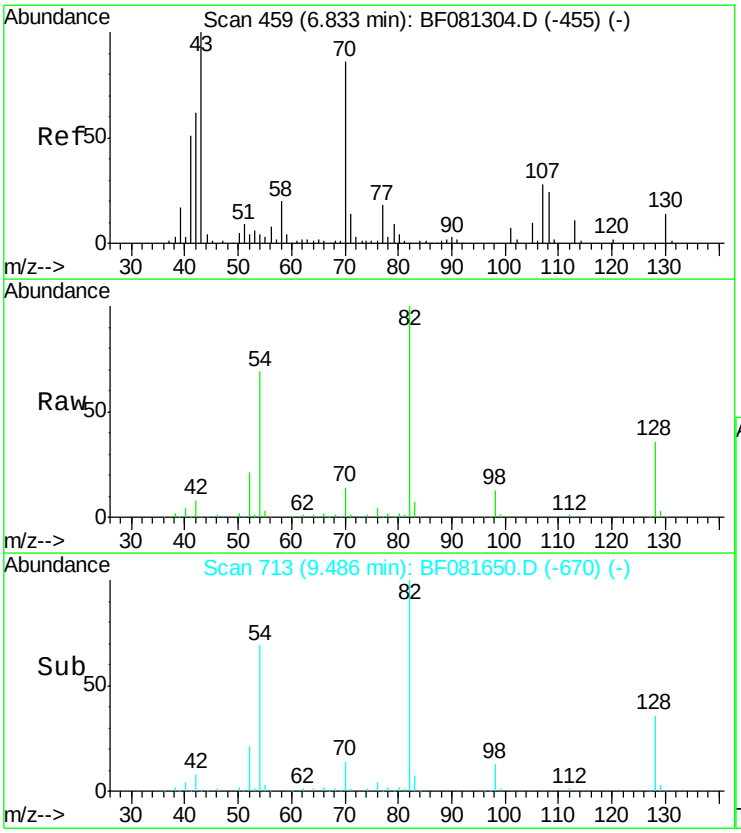
#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 8.51 min Scan# 628
Delta R.T. -0.15 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion: 79 Resp: 6754

Ion	Ratio	Lower	Upper
79	100		
108	21.6	88.6	132.8#
77	93.3	47.0	70.4#

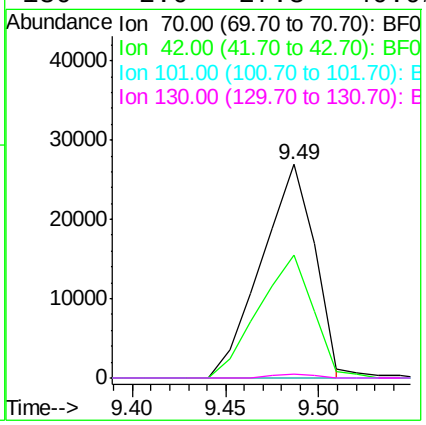


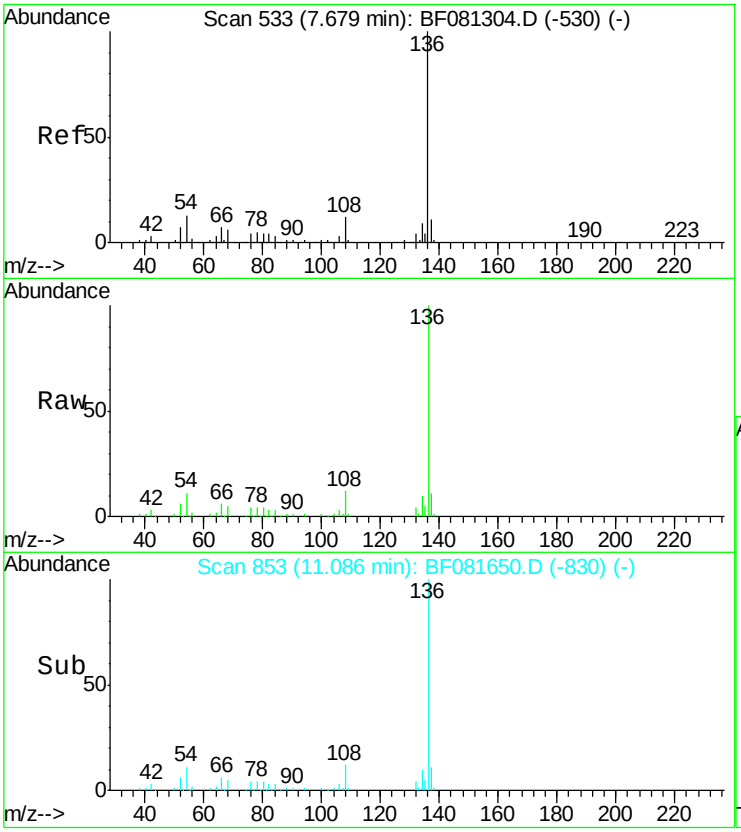


#19
n-Nitroso-di-n-propylamine
Concen: 19.66 ng
RT: 9.49 min Scan# 713
Delta R.T. 0.19 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Tgt Ion: 70 Resp: 53567

Ion	Ratio	Lower	Upper
70	100		
42	57.4	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



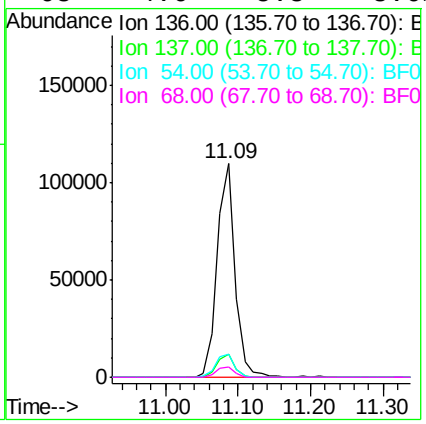


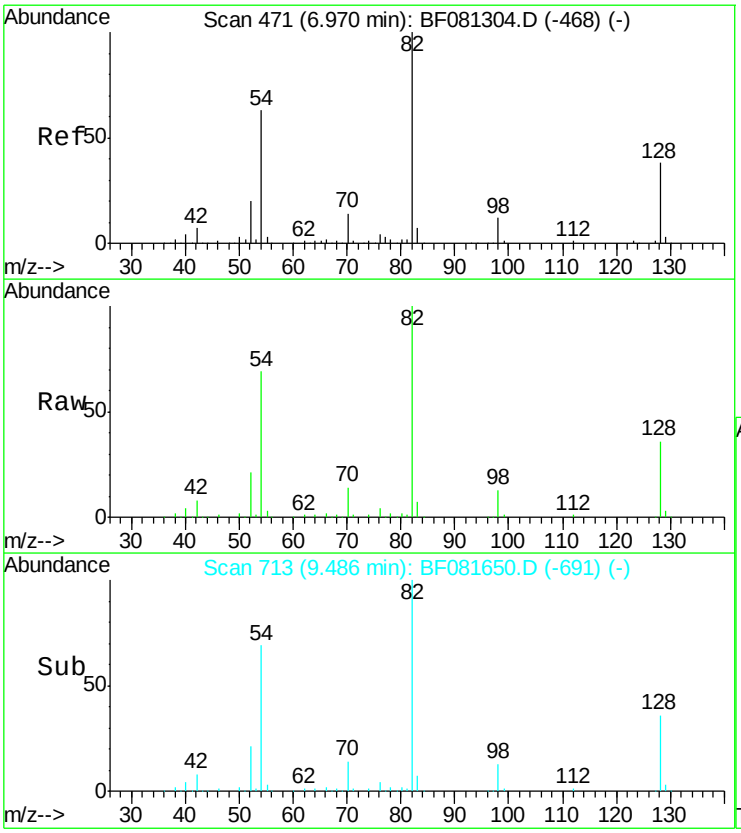
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:136 Resp: 188110

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.8	8.2	12.2
68	4.6	5.8	8.6#

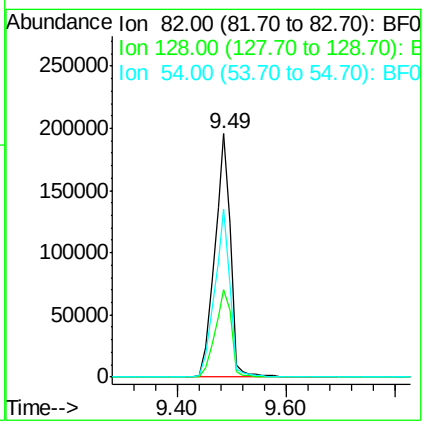


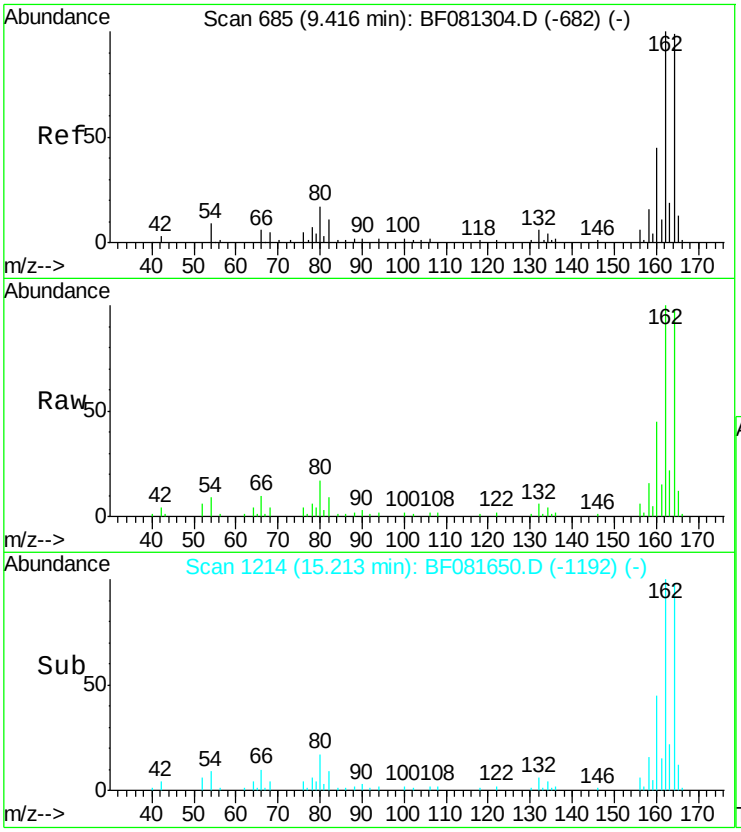


#23
Nitrobenzene-d5
Concen: 102.52 ng
RT: 9.49 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Tgt Ion: 82 Resp: 399718

Ion	Ratio	Lower	Upper
82	100		
128	36.0	51.0	76.6#
54	69.0	47.5	71.3



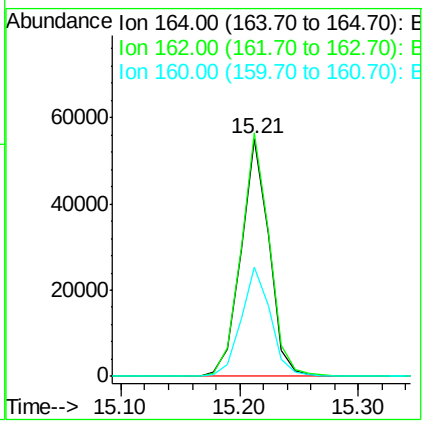


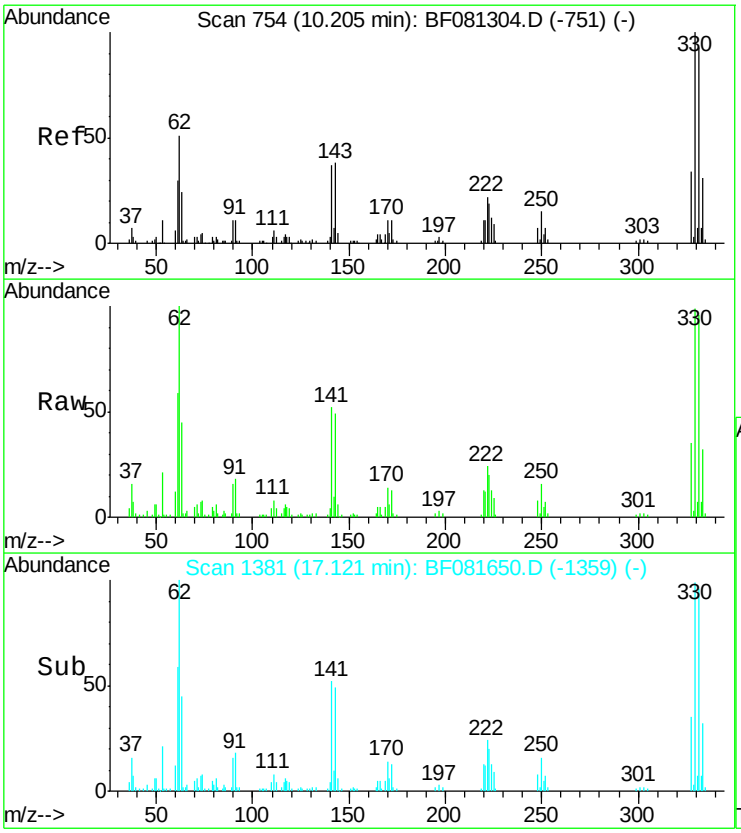
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.21 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:164 Resp: 91059

Ion	Ratio	Lower	Upper
164	100		
162	102.4	75.2	112.8
160	46.0	31.5	47.3

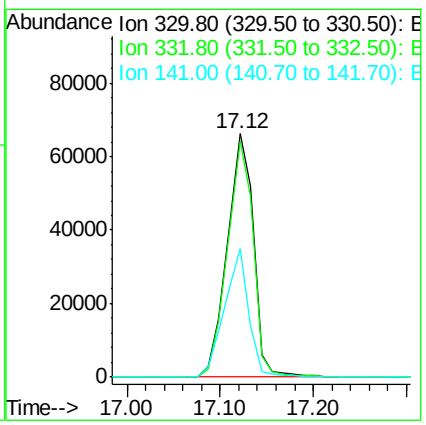


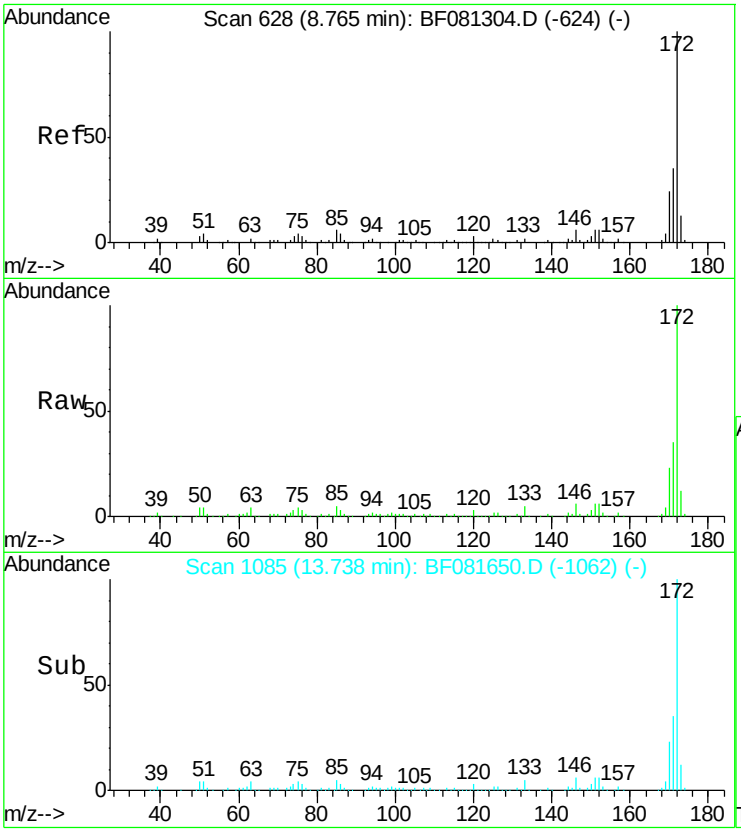


#41
2,4,6-Tribromophenol
Concen: 160.35 ng
RT: 17.12 min Scan# 1381
Delta R.T. -0.05 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Tgt Ion:330 Resp: 130013

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	48.6	29.7	44.5#



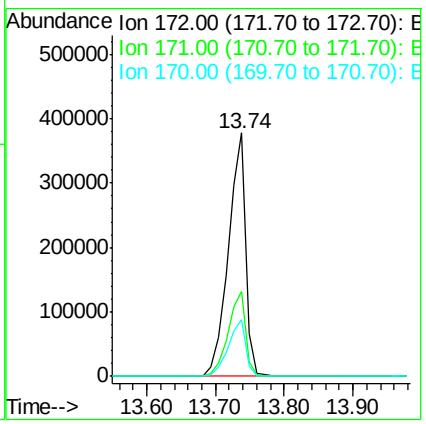


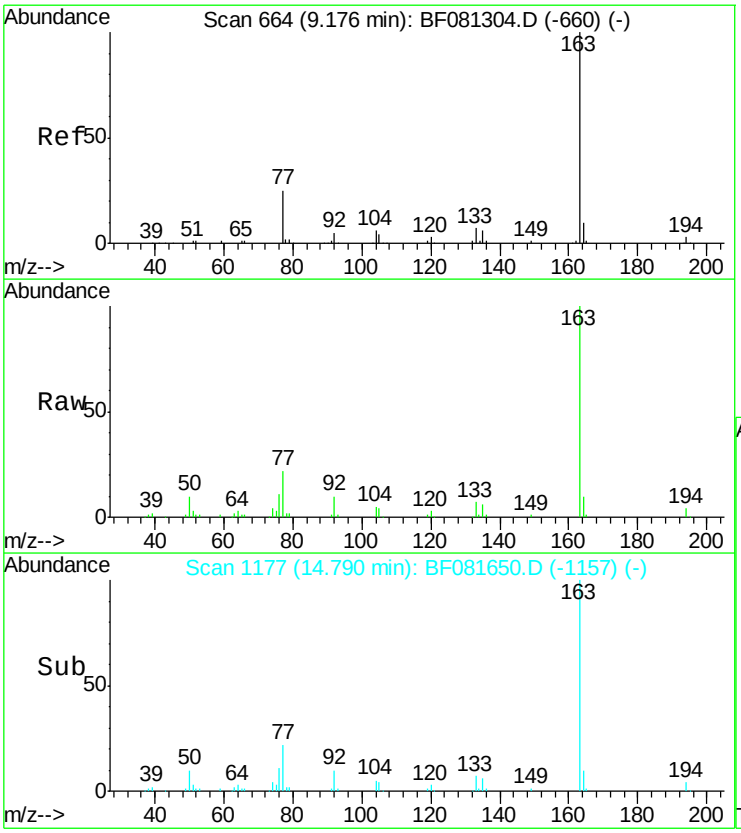
#44
2-Fluorobiphenyl
Concen: 95.36 ng
RT: 13.74 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:172 Resp: 677612

Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.1	39.1
170	23.5	17.4	26.2

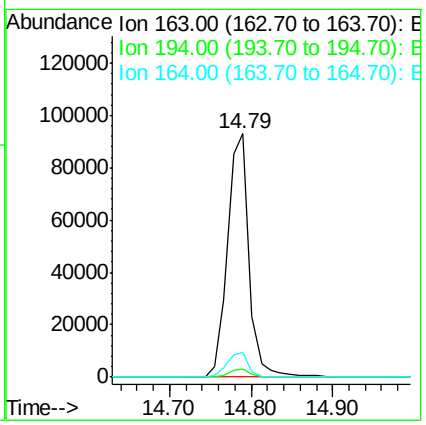


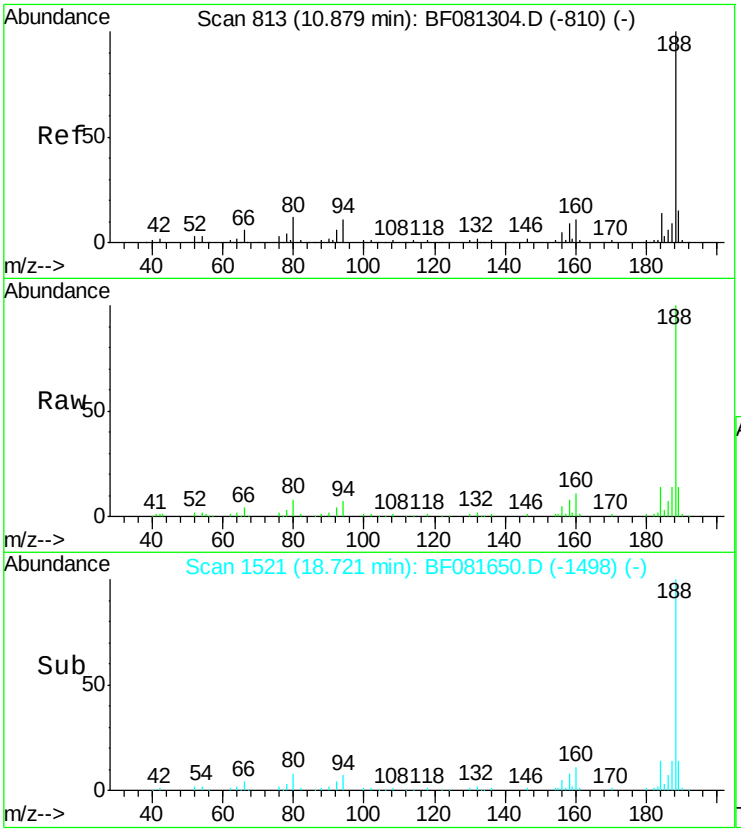


#49
Dimethylphthalate
Concen: 24.00 ng
RT: 14.79 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Tgt Ion:163 Resp: 169778

Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	10.2	8.3	12.5



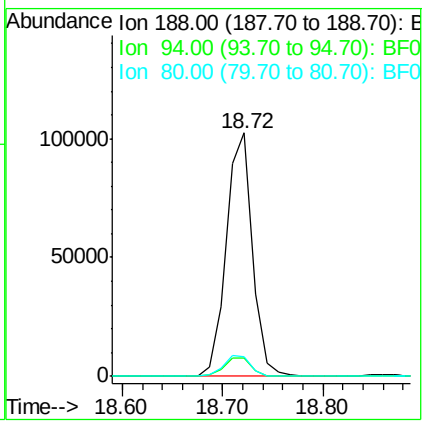


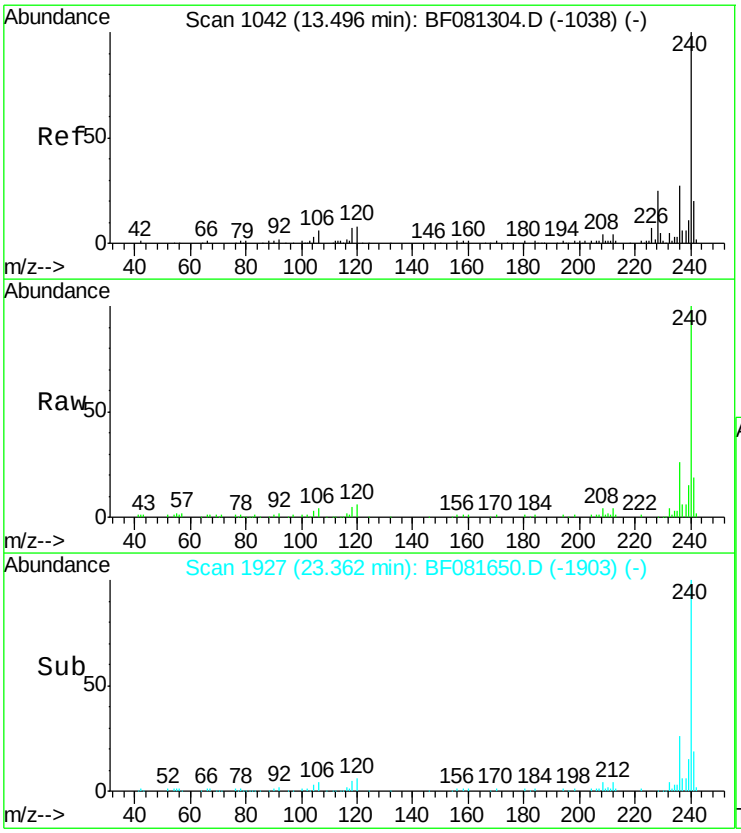
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.72 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:188 Resp: 184326

Ion	Ratio	Lower	Upper
188	100		
94	7.4	11.1	16.7#
80	8.0	11.0	16.4#

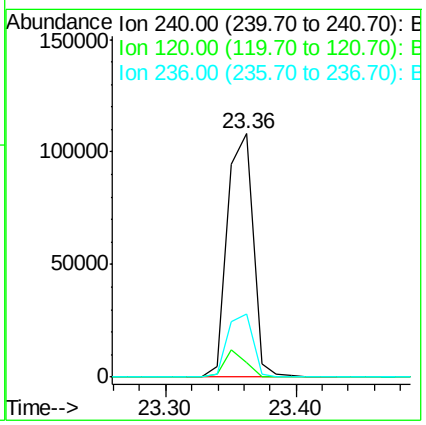


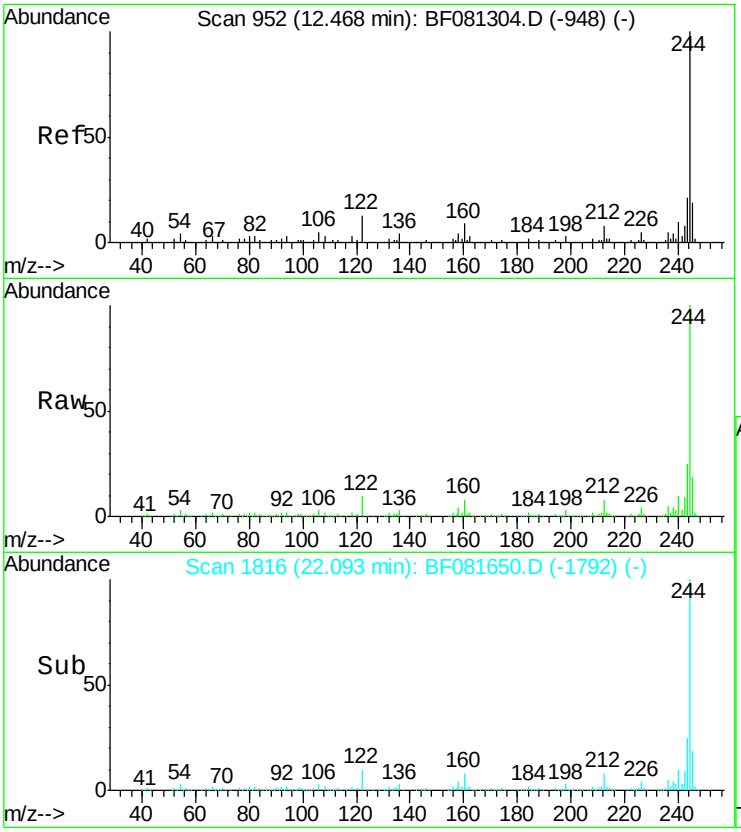


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Tgt Ion:240 Resp: 147754

Ion	Ratio	Lower	Upper
240	100		
120	6.2	16.2	24.2#
236	26.0	18.4	27.6



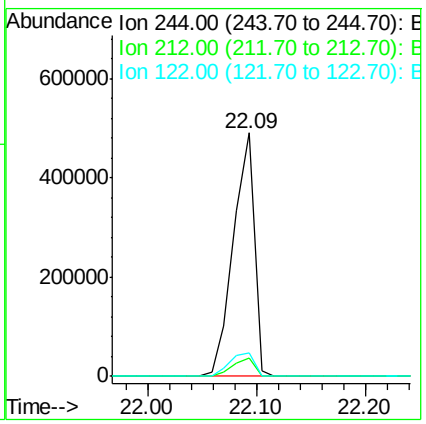


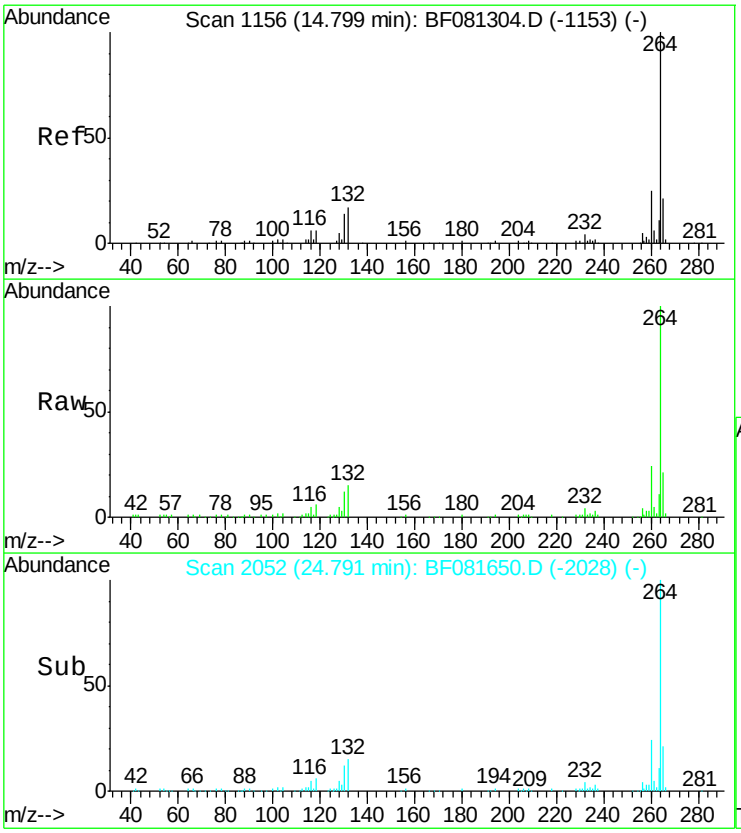
#78
Terphenyl-d14
Concen: 102.43 ng
RT: 22.09 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:244 Resp: 650143

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	9.6	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BF081650.D
Acq: 16 Sep 2015 15:33

Tgt Ion:264 Resp: 107027

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.1	17.2	25.8