Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081571.D
Acq On : 10 Sep 2015 17:14
Operator : UM/IZ
Sample : G3497-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3

Quant Time: Sep 11 00:42:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 00:38:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	50149	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	196595	20.00	ng	-0.01
38) Acenaphthene-d10	15.29	164	93714	20.00	ng	-0.01
63) Phenanthrene-d10	18.80	188	178300	20.00	ng	-0.01
75) Chrysene-d12	23.41	240	107732	20.00	ng	-0.01
86) Perylene-d12	24.85	264	78713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	395484	122.36	ng	0.02
7) Phenol-d6	7.69	99	568960	132.98	ng	0.00
23) Nitrobenzene-d5	9.57	82	377223	92.57	ng	0.00
41) 2,4,6-Tribromophenol	17.20	330	92201	110.50	ng	-0.01
44) 2-Fluorobiphenyl	13.81	172	507036	69.33	ng	-0.01
78) Terphenyl-d14	22.14	244	343936	74.32	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.55	88	3299	2.27	ng	# 11
19) n-Nitroso-di-n-propylamine	9.57	70	51399	17.65	ng	# 65
49) Dimethylphthalate	14.87	163	78196	10.74	ng	# 97
88) Benzo(k)fluoranthene	24.52	252	10330	2.22	ng	# 94
91) Benzo(g,h,i)perylene	26.22	276	7719	2.20	ng	# 80

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081571.D
Acq On : 10 Sep 2015 17:14
Operator : UM/IZ
Sample : G3497-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B3

Quant Time: Sep 11 00:42:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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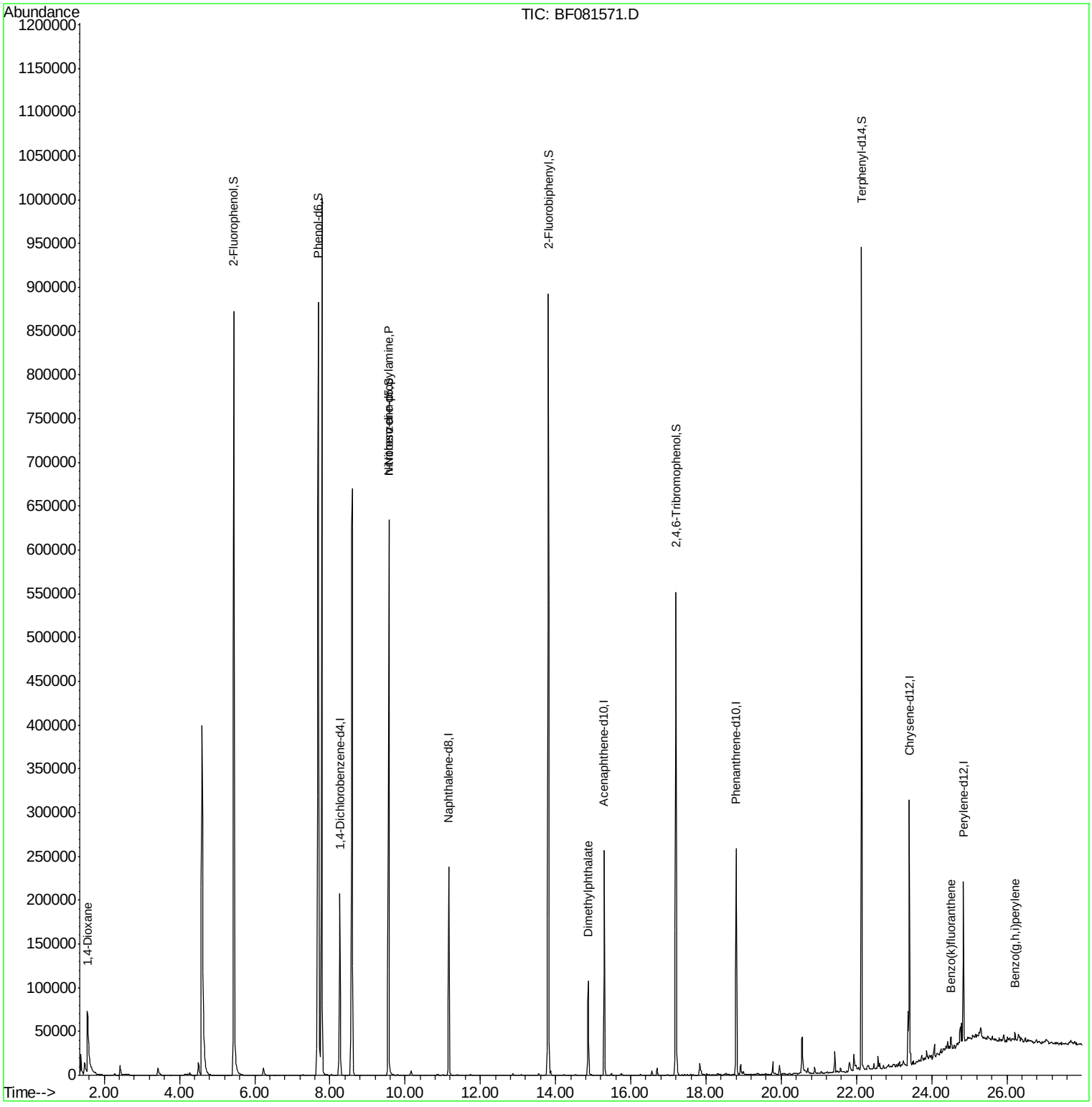
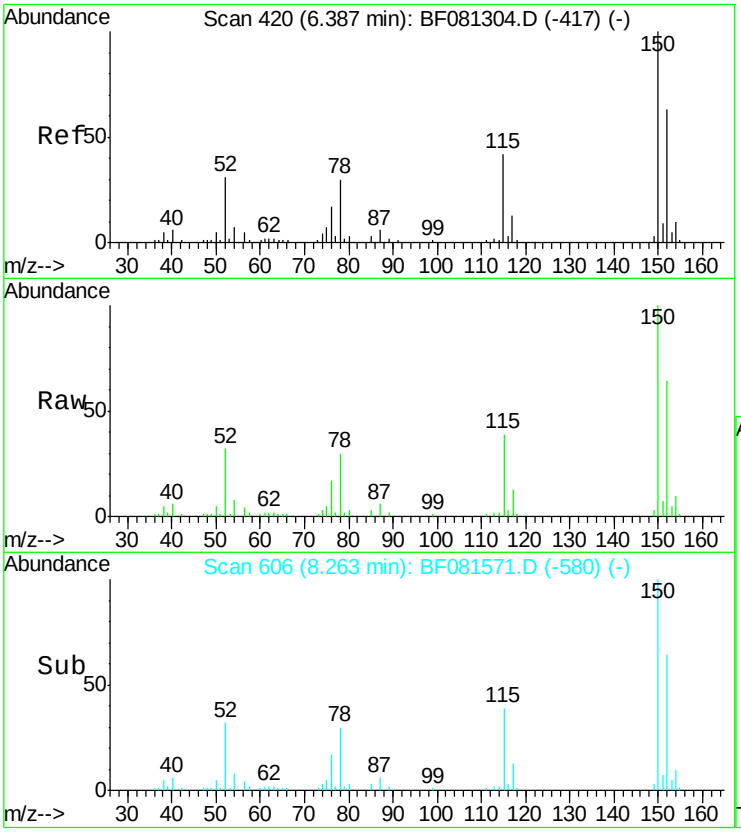


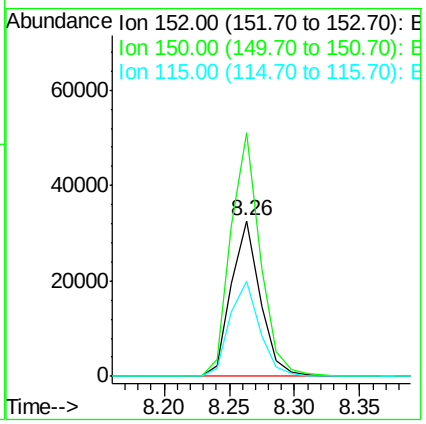


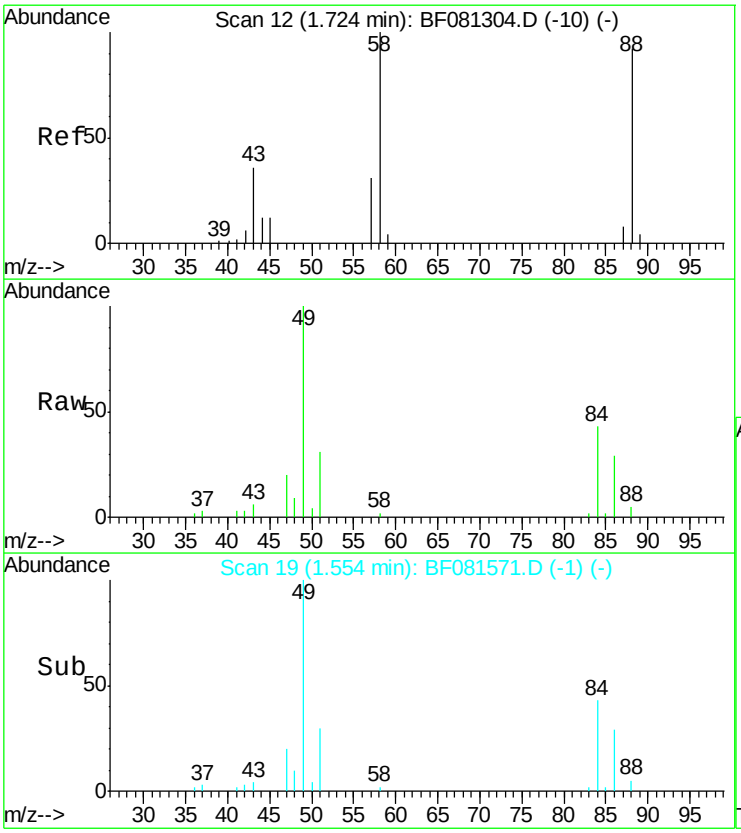
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion:152 Resp: 50149

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.7	187.1
115	61.6	39.0	58.4#

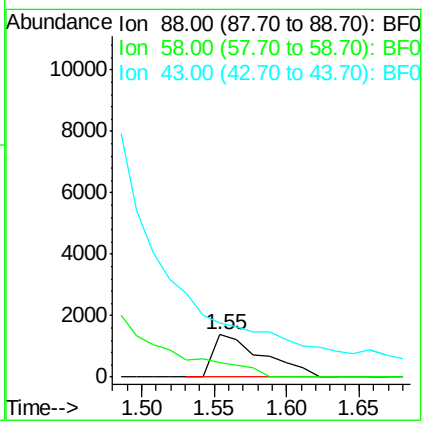


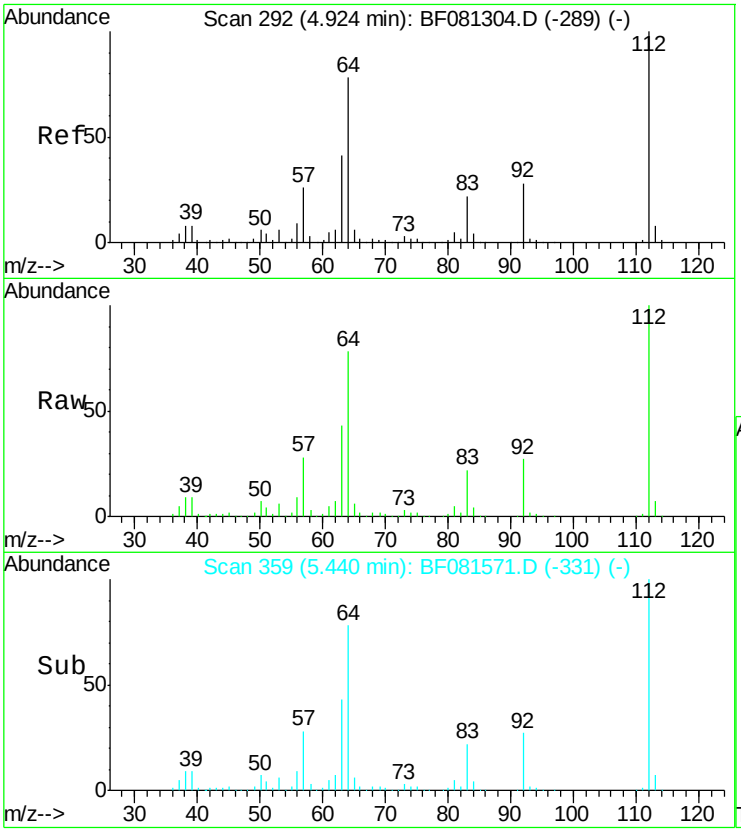


#2
1,4-Dioxane
Concen: 2.27 ng
RT: 1.55 min Scan# 19
Delta R.T. -0.05 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion: 88 Resp: 3299

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



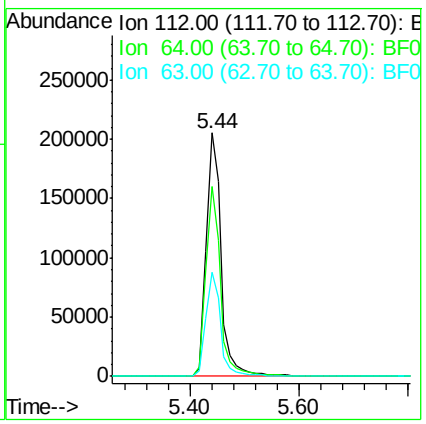


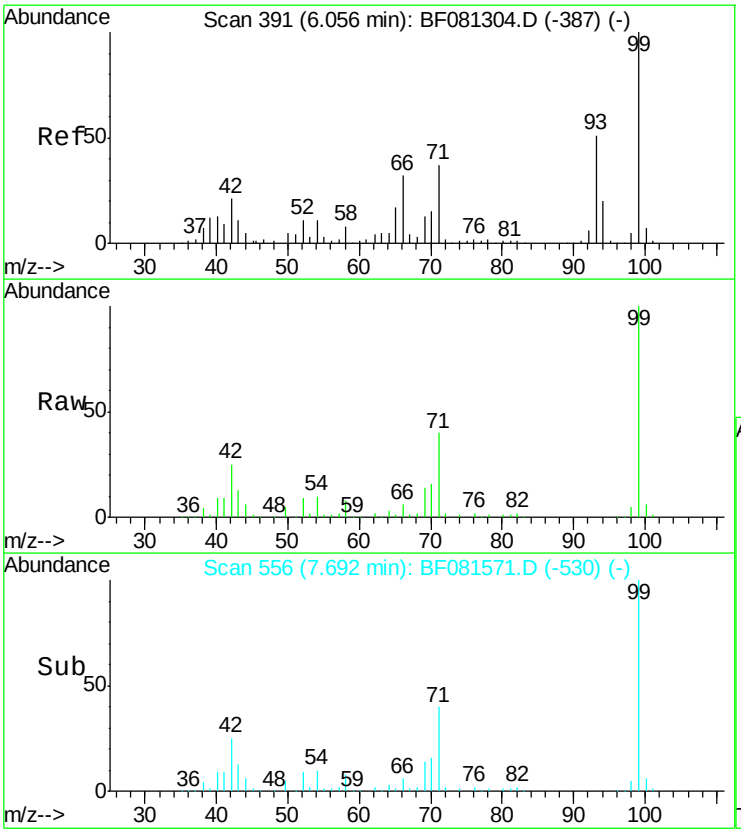
#5
2-Fluorophenol
Concen: 122.36 ng
RT: 5.44 min Scan# 359
Delta R.T. 0.02 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion:112 Resp: 395484

Ion	Ratio	Lower	Upper
112	100		
64	78.2	39.7	59.5#
63	42.8	17.4	26.0#

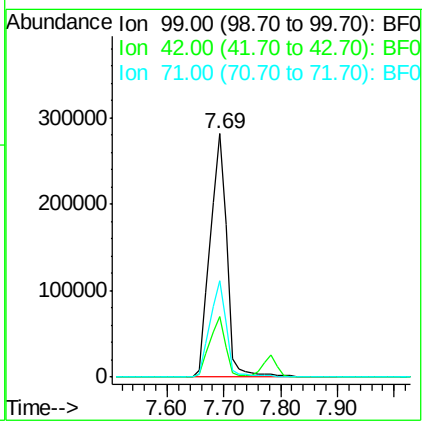


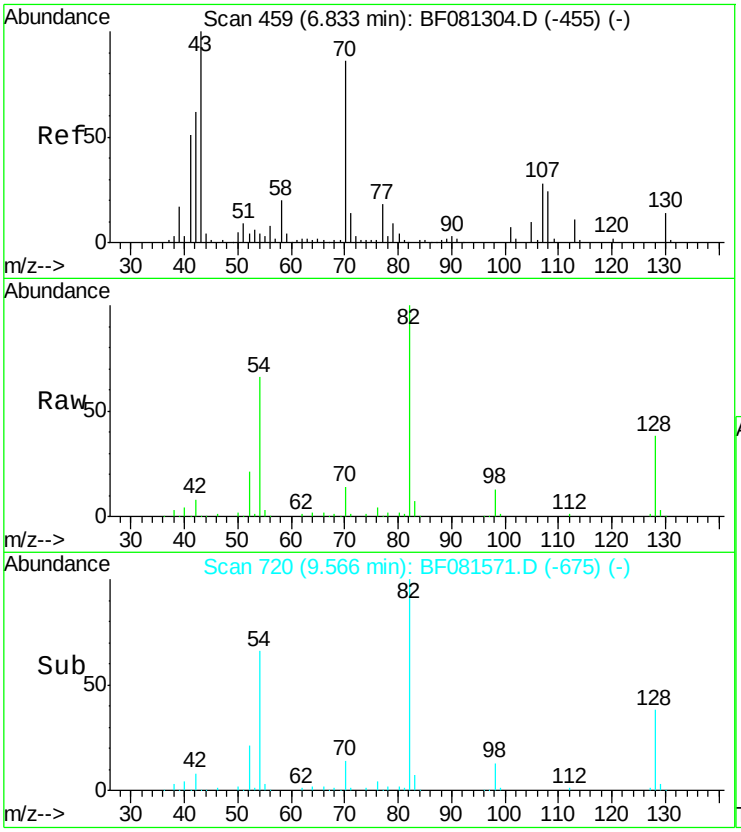


#7
Phenol-d6
Concen: 132.98 ng
RT: 7.69 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion: 99 Resp: 568960

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.7	20.5#
71	39.8	14.2	21.2#



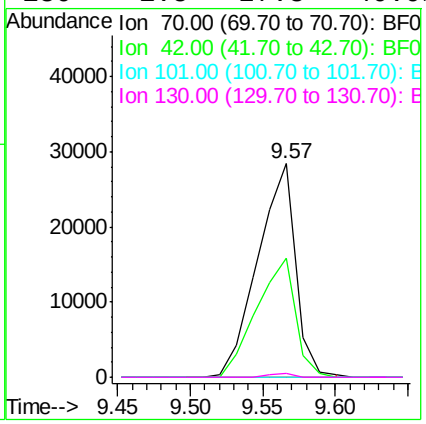


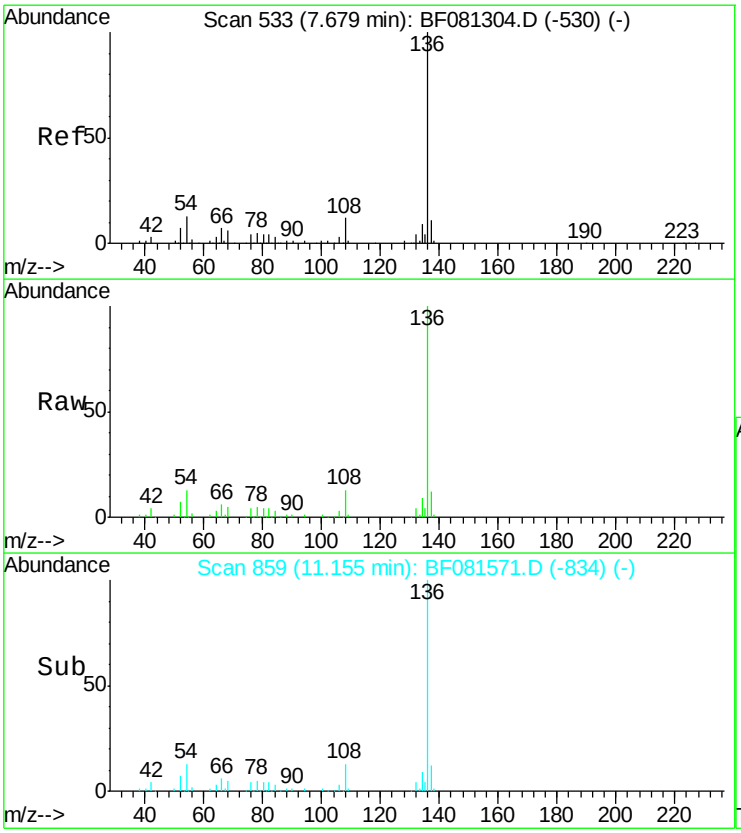
#19
n-Nitroso-di-n-propylamine
Concen: 17.65 ng
RT: 9.57 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion: 70 Resp: 51399

Ion	Ratio	Lower	Upper
70	100		
42	55.8	63.8	95.6#
101	0.0	9.2	13.8#
130	1.5	27.3	40.9#

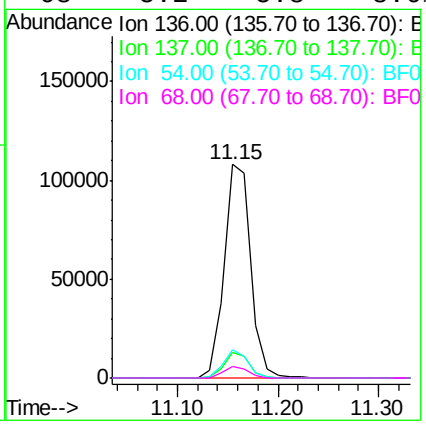


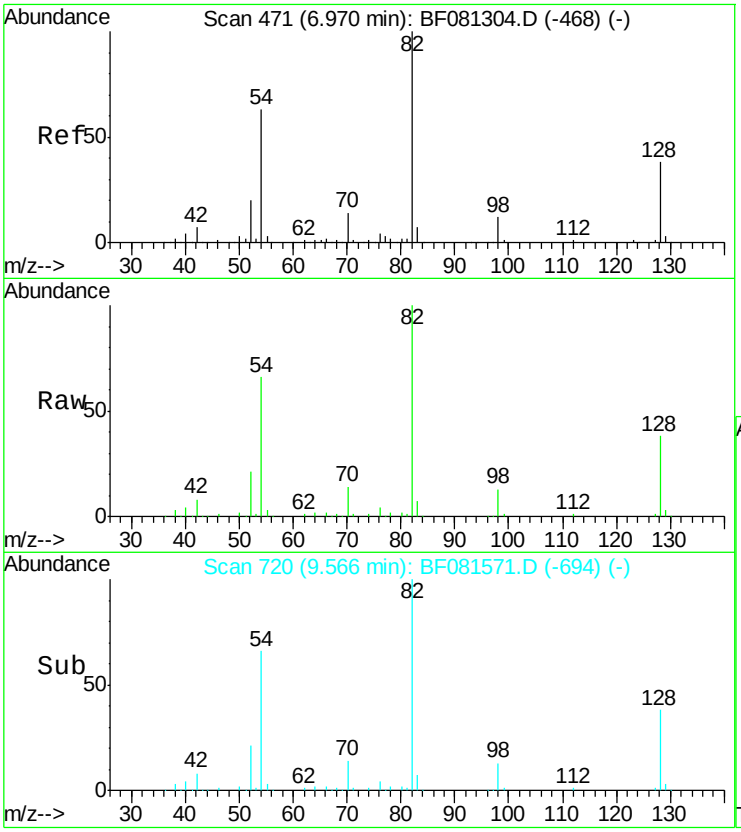


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.15 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion:136 Resp: 196595

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	13.1	8.2	12.2#
68	5.2	5.8	8.6#



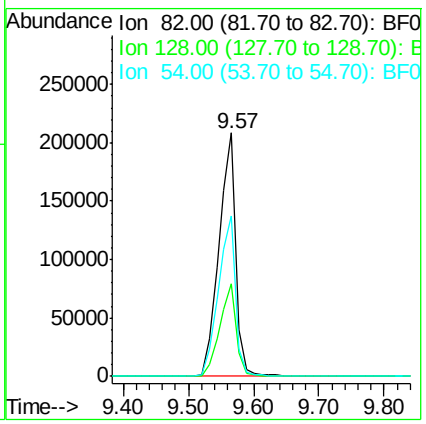


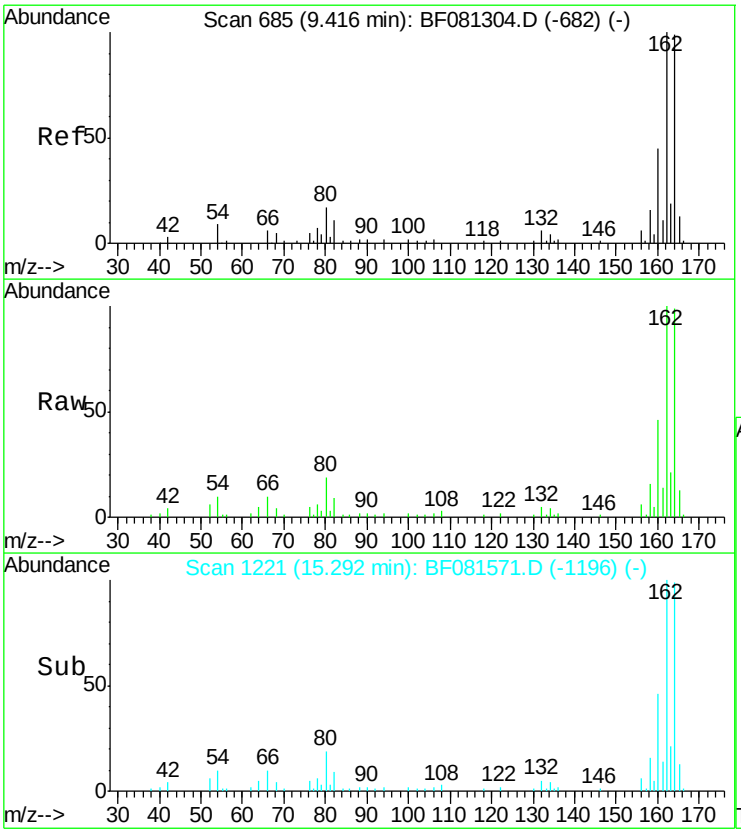
#23
Nitrobenzene-d5
Concen: 92.57 ng
RT: 9.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion: 82 Resp: 377223

Ion	Ratio	Lower	Upper
82	100		
128	38.3	51.0	76.6#
54	65.8	47.5	71.3

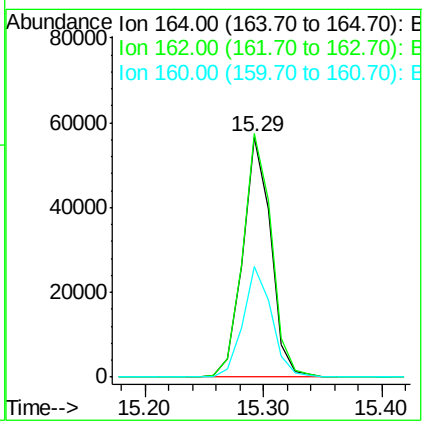


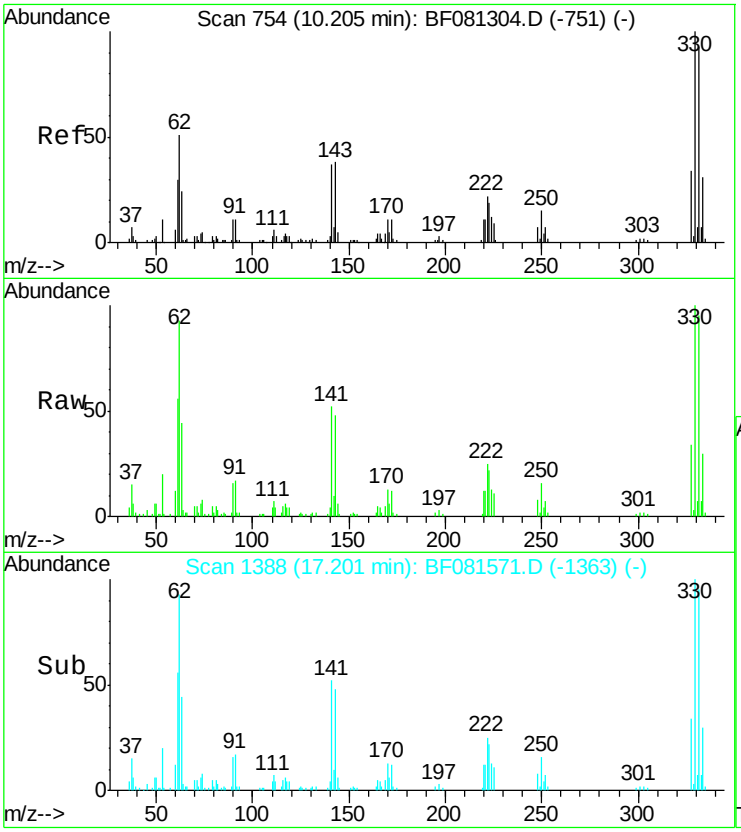


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.29 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion:164 Resp: 93714

Ion	Ratio	Lower	Upper
164	100		
162	101.5	75.2	112.8
160	46.3	31.5	47.3



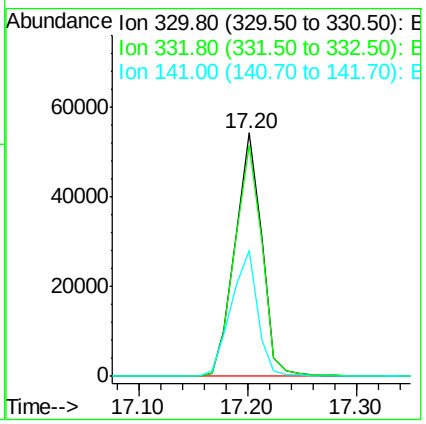


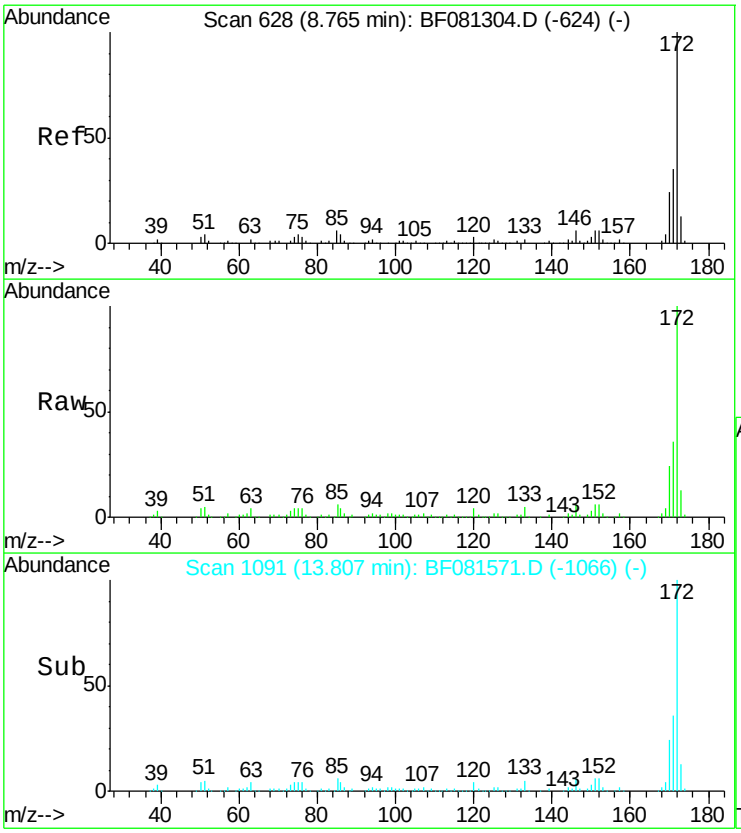
#41
2,4,6-Tribromophenol
Concen: 110.50 ng
RT: 17.20 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion:330 Resp: 92201

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	51.3	29.7	44.5#

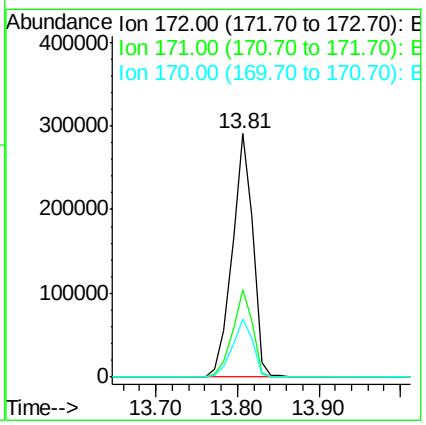


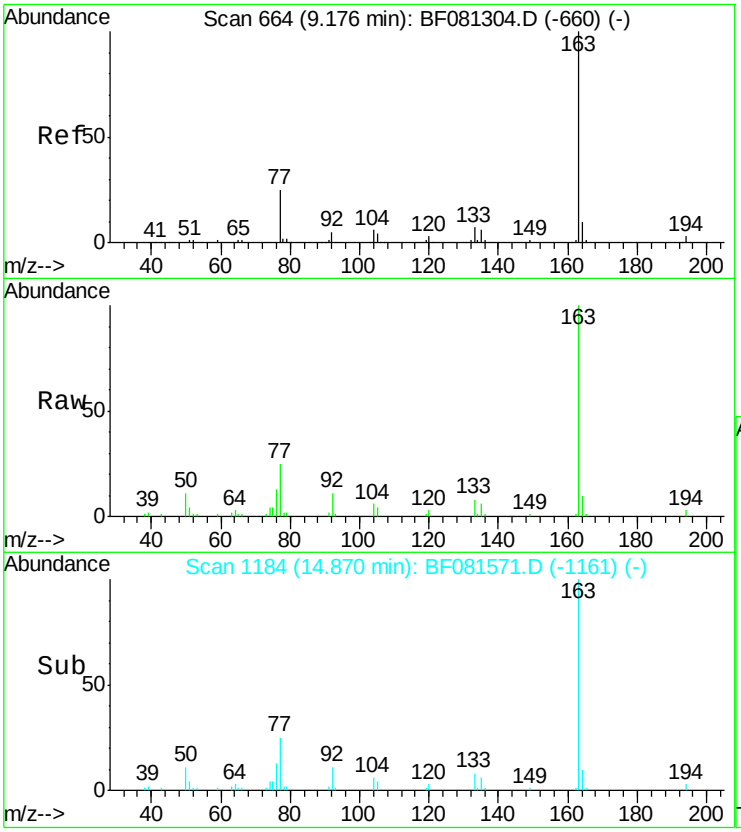


#44
2-Fluorobiphenyl
Concen: 69.33 ng
RT: 13.81 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion:172 Resp: 507036

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	23.8	17.4	26.2



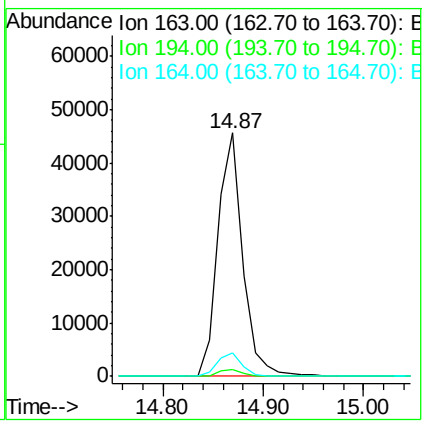


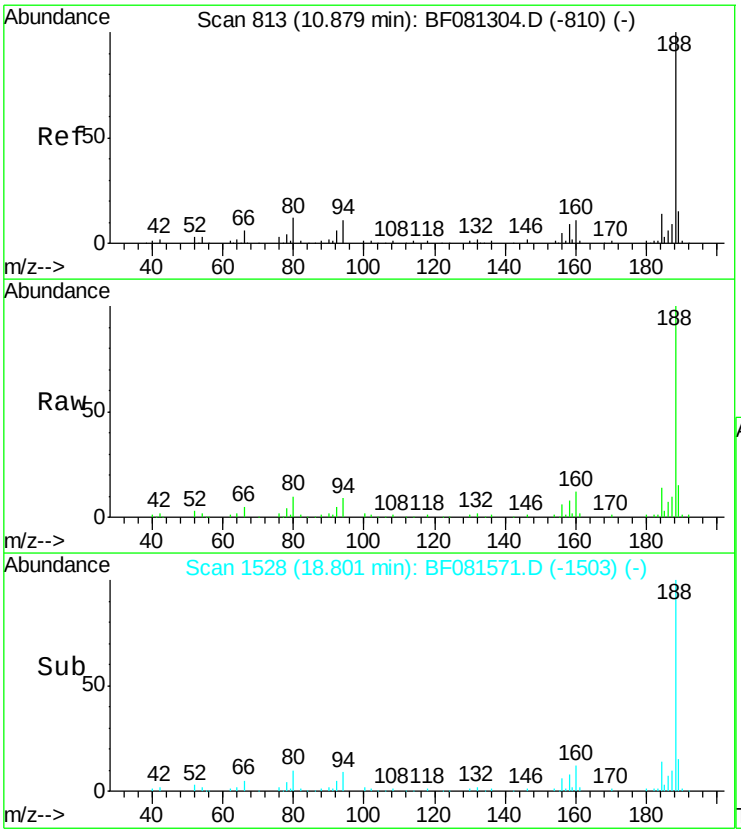
#49
Dimethylphthalate
Concen: 10.74 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion:163 Resp: 78196

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	9.9	8.3	12.5

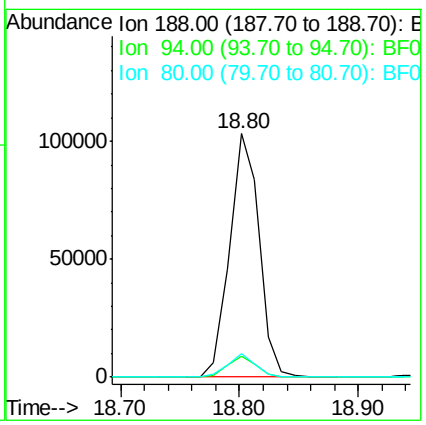


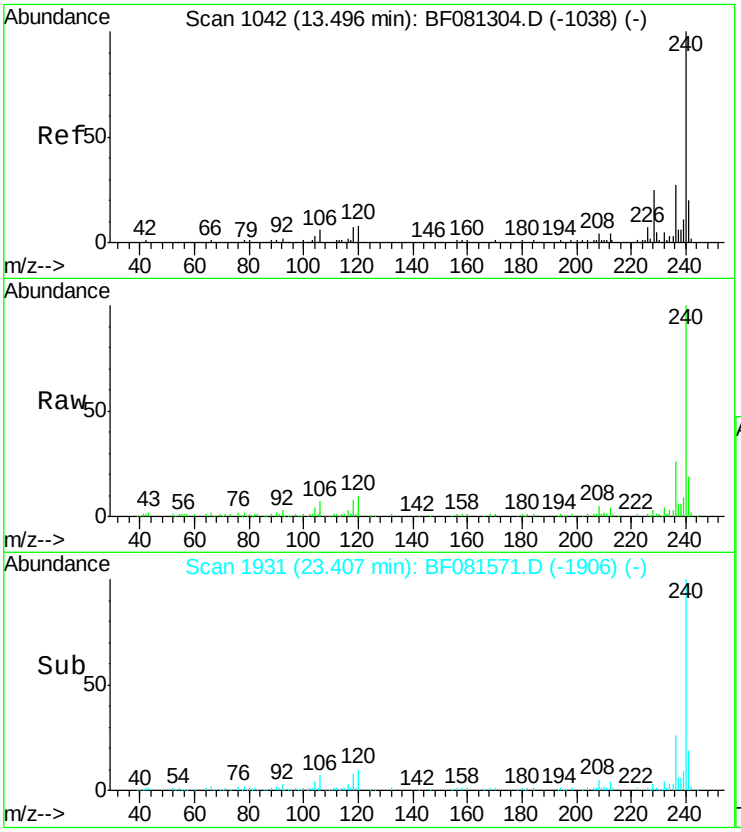


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion:188 Resp: 178300

Ion	Ratio	Lower	Upper
188	100		
94	8.6	11.1	16.7#
80	9.7	11.0	16.4#



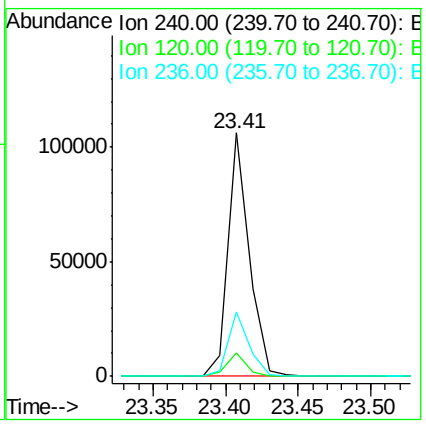


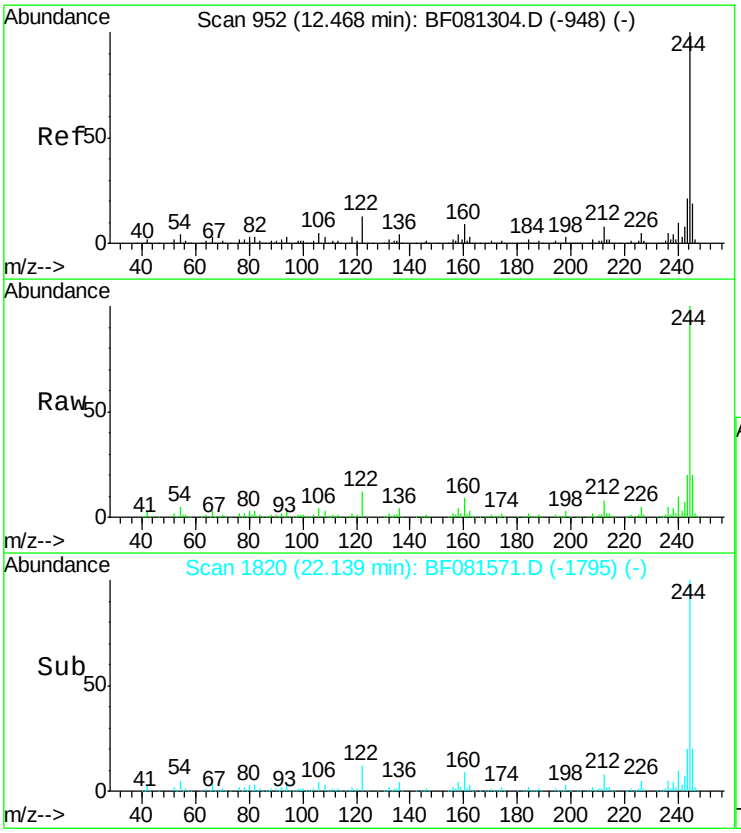
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion:240 Resp: 107732

Ion	Ratio	Lower	Upper
240	100		
120	9.5	16.2	24.2#
236	26.2	18.4	27.6

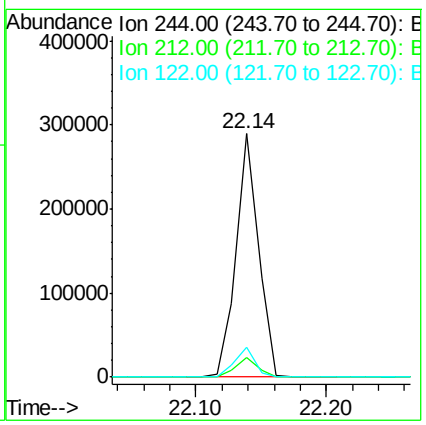


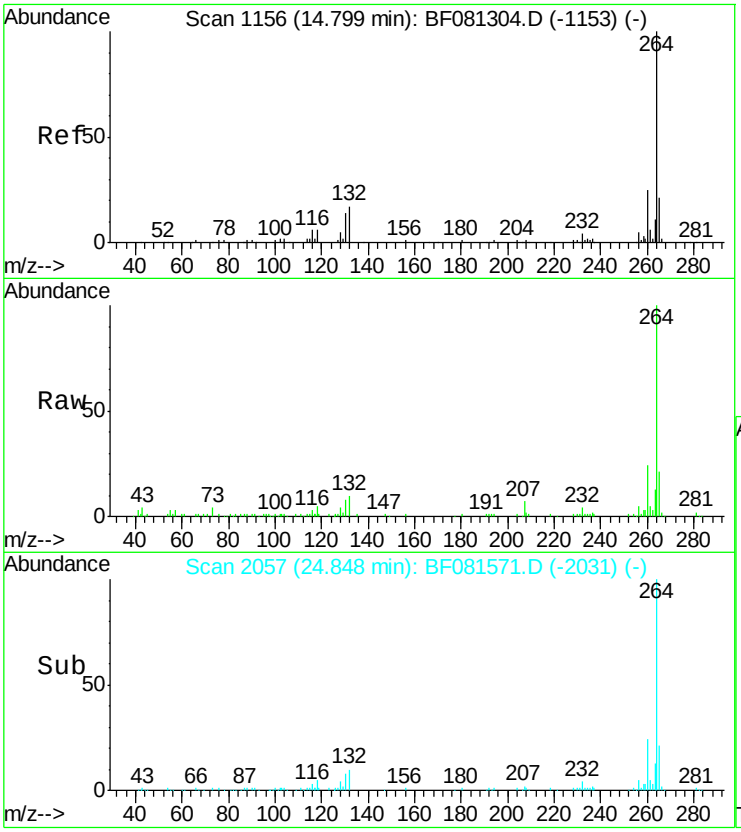


#78
Terphenyl-d14
Concen: 74.32 ng
RT: 22.14 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion:244 Resp: 343936

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	12.2	17.4	26.2#



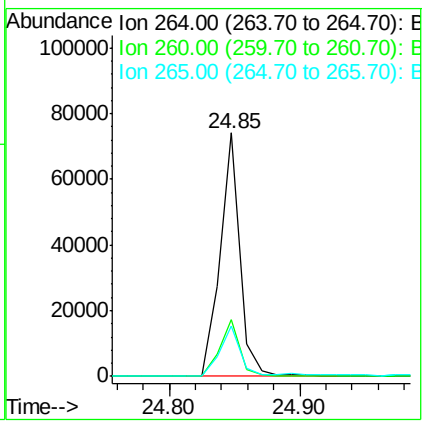


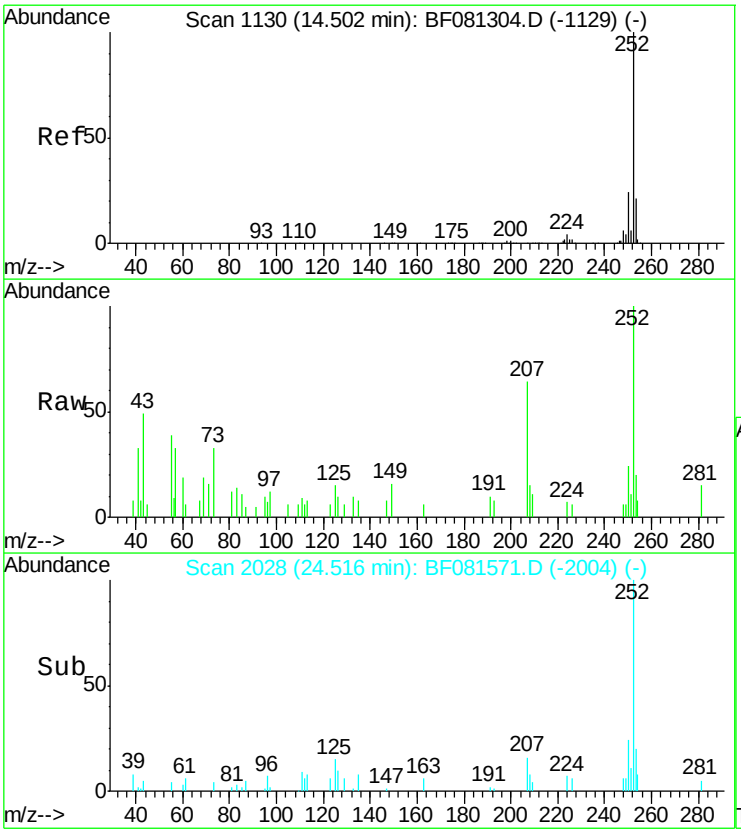
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion:264 Resp: 78713

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	20.6	17.2	25.8

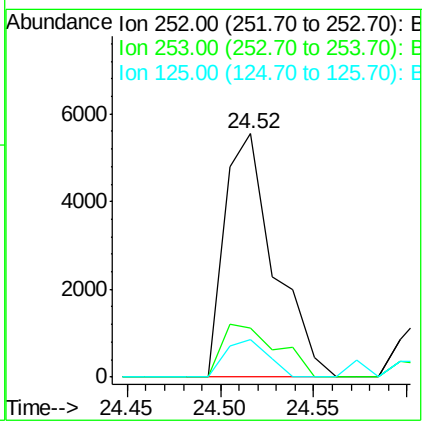


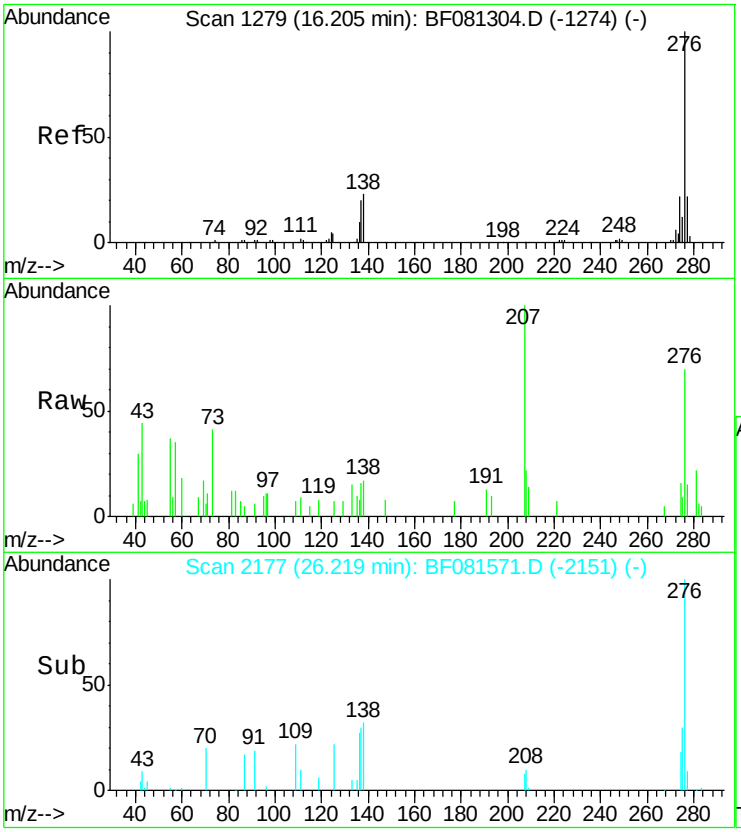


#88
Benzo(k)fluoranthene
Concen: 2.22 ng
RT: 24.52 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion:252 Resp: 10330

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.0	25.4
125	15.4	16.0	24.0#





#91
Benzo(g,h,i)perylene
Concen: 2.20 ng
RT: 26.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion:276 Resp: 7719

Ion	Ratio	Lower	Upper
276	100		
277	20.8	17.8	26.6
138	24.5	34.6	51.8#