Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081444.D
Acq On : 5 Sep 2015 4:04
Operator : UM/IZ
Sample : G3511-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(5-7)

Quant Time: Sep 07 02:18:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:54:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57171	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	229783	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	103338	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	202935	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	161320	20.00	ng	-0.01
86) Perylene-d12	14.77	264	121384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	550747	149.46	ng	0.01
7) Phenol-d6	6.03	99	776058	159.11	ng	0.00
23) Nitrobenzene-d5	6.94	82	442012	92.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	127211	138.25	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	696847	86.42	ng	0.00
78) Terphenyl-d14	12.43	244	598710	86.39	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.13	163	142850	17.79	ng	# 97

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

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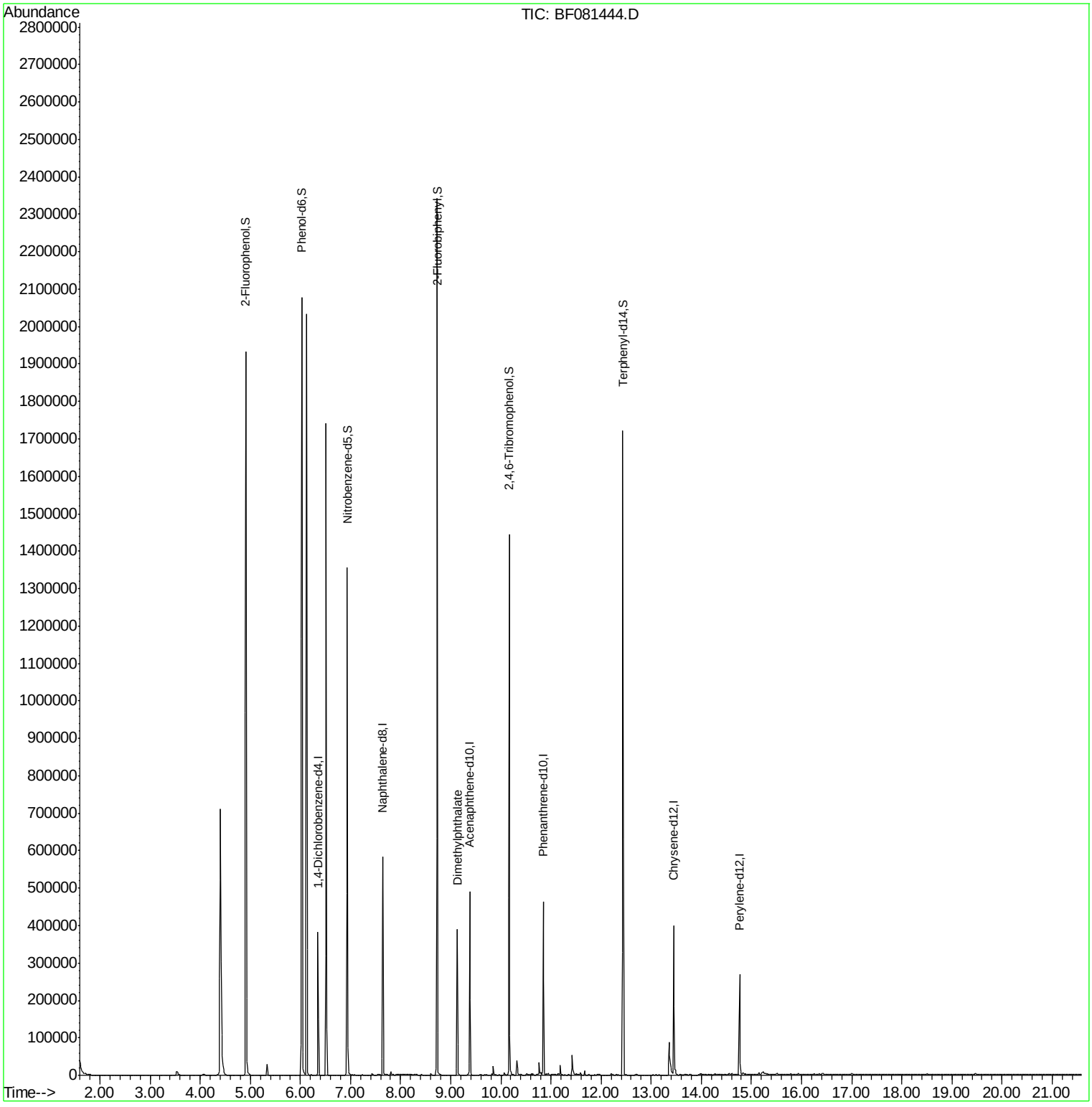
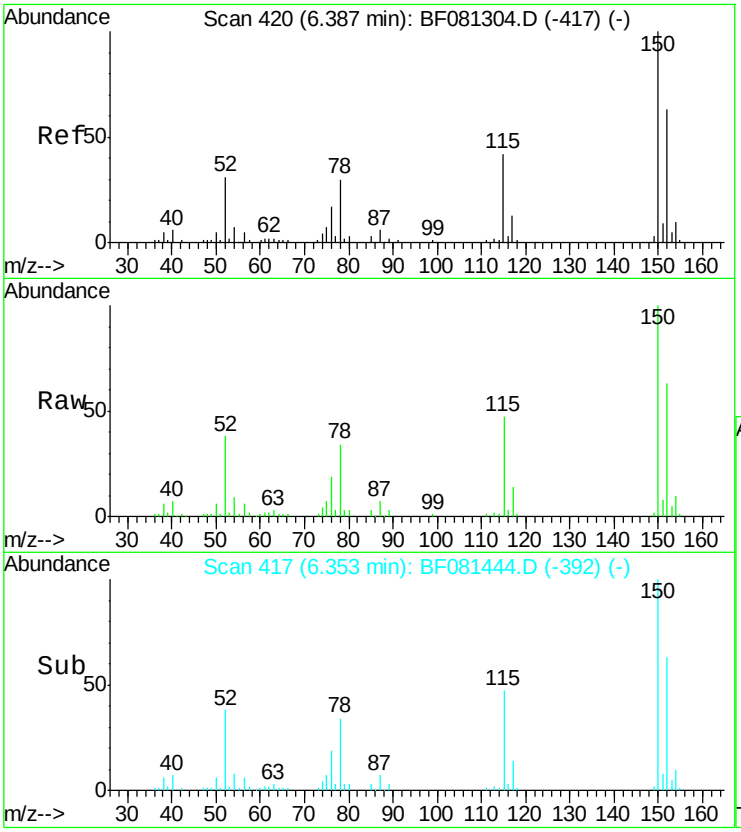


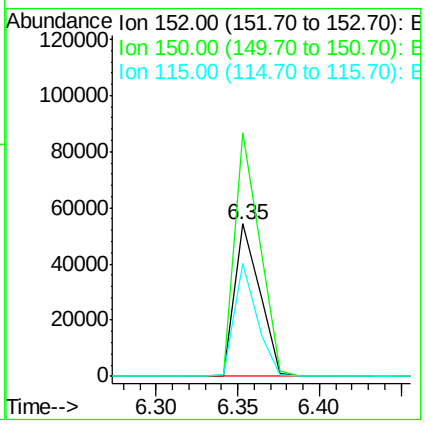


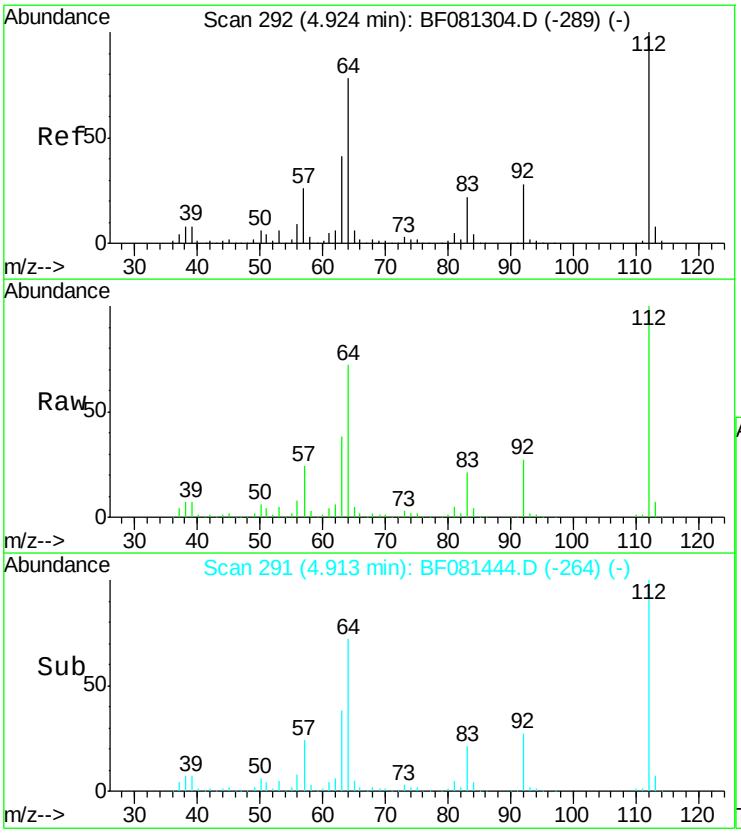
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Instrument :
BNA_F
ClientSampleId :
SB-09(5-7)

Tgt Ion:152 Resp: 57171

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.7	187.1
115	74.6	39.0	58.4#

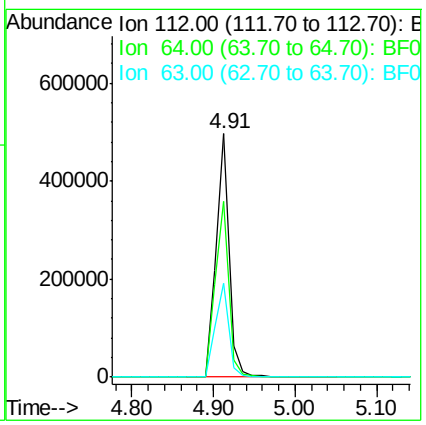


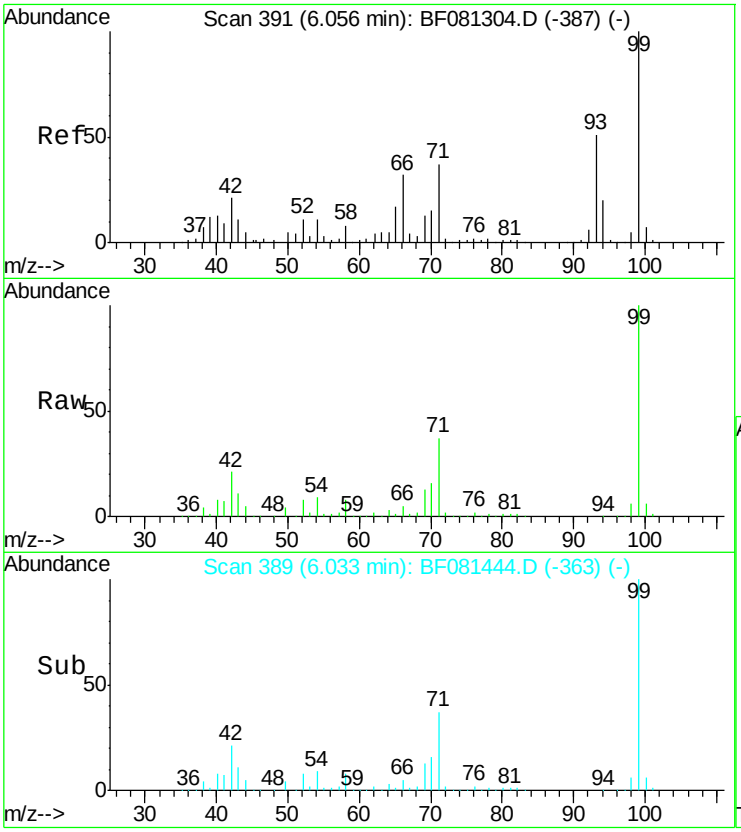


#5
2-Fluorophenol
Concen: 149.46 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Tgt Ion:112 Resp: 550747

Ion	Ratio	Lower	Upper
112	100		
64	72.3	39.7	59.5#
63	38.3	17.4	26.0#



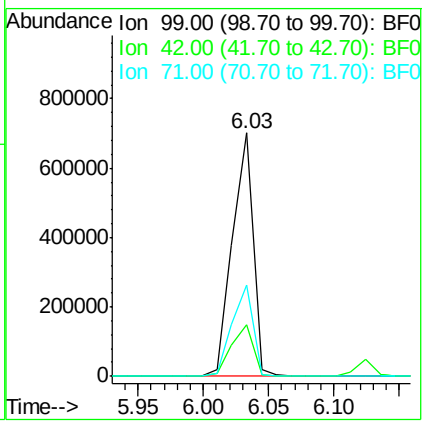


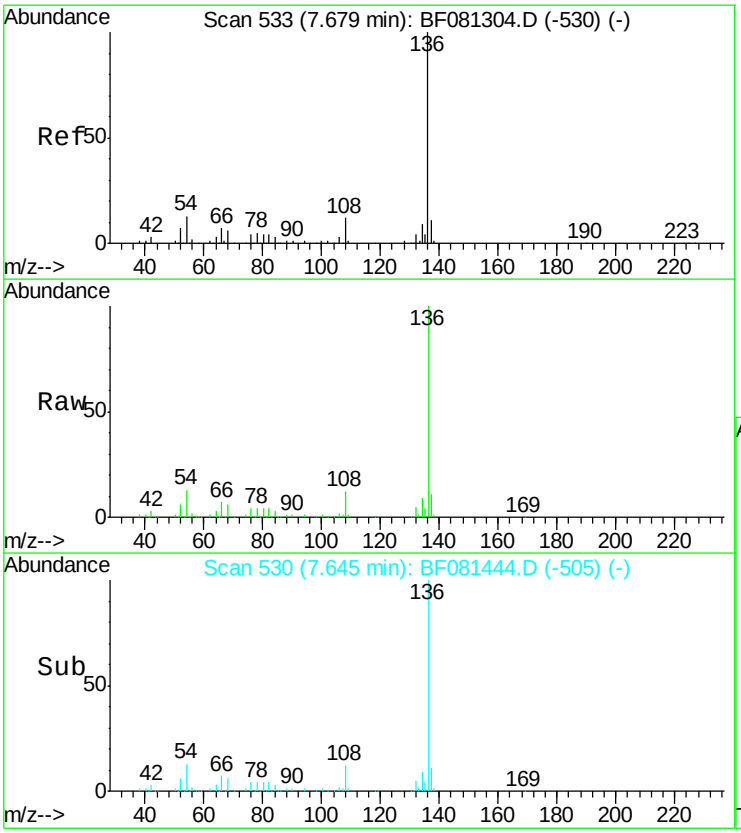
#7
Phenol-d6
Concen: 159.11 ng
RT: 6.03 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Instrument :
BNA_F
ClientSampleId :
SB-09(5-7)

Tgt Ion: 99 Resp: 776058

Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.7	20.5#
71	37.3	14.2	21.2#

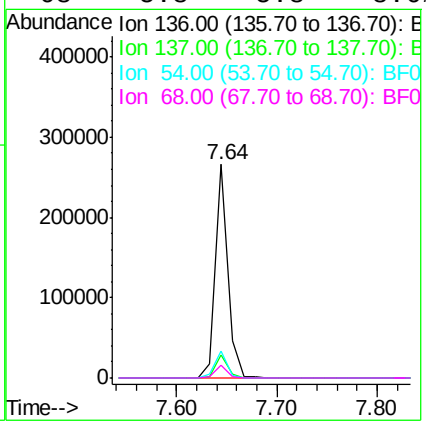


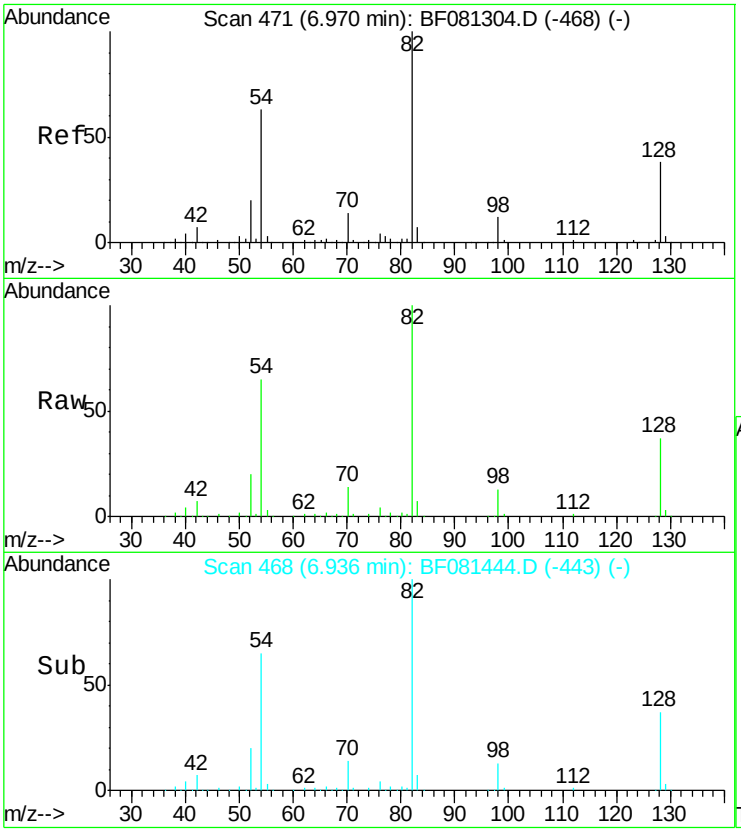


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Tgt Ion:136 Resp: 229783

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	12.6	8.2	12.2#
68	5.8	5.8	8.6#



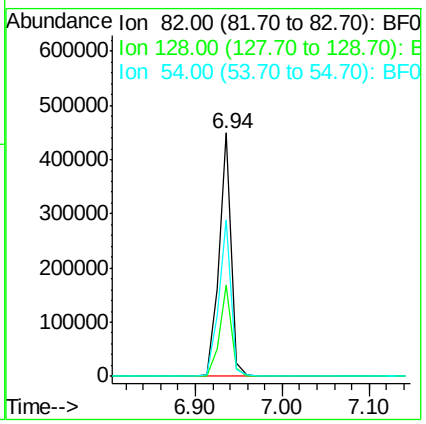


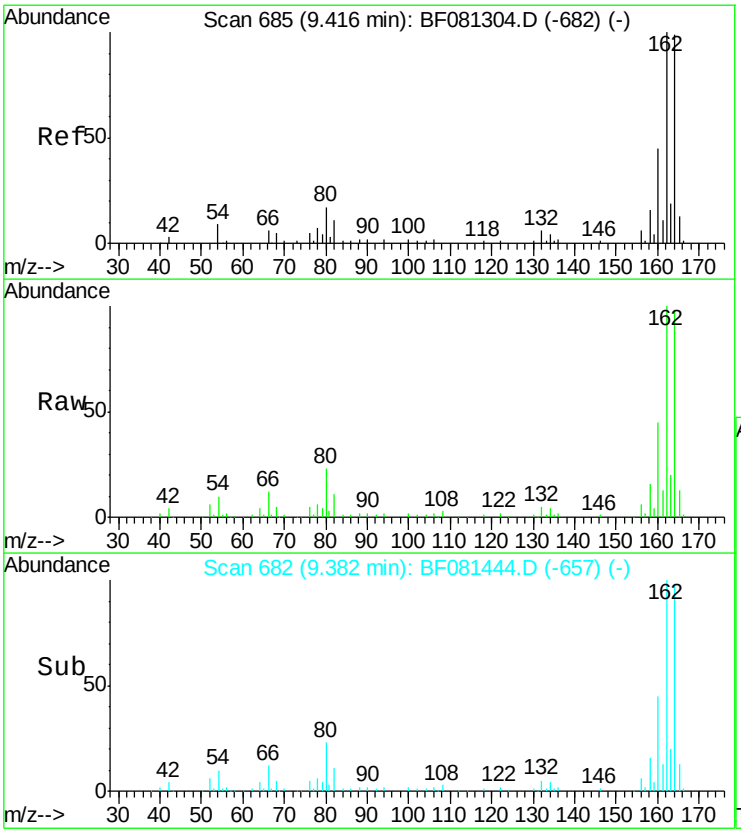
#23
Nitrobenzene-d5
Concen: 92.81 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Instrument :
BNA_F
ClientSampleId :
SB-09(5-7)

Tgt Ion: 82 Resp: 442012

Ion	Ratio	Lower	Upper
82	100		
128	37.5	51.0	76.6#
54	64.5	47.5	71.3

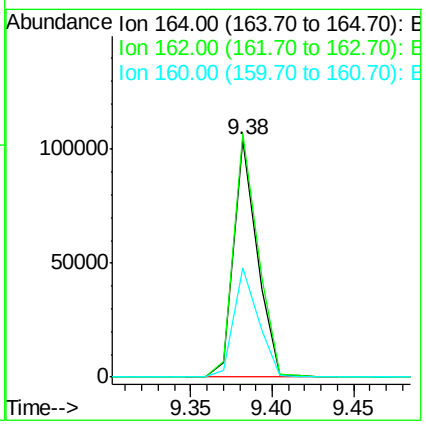


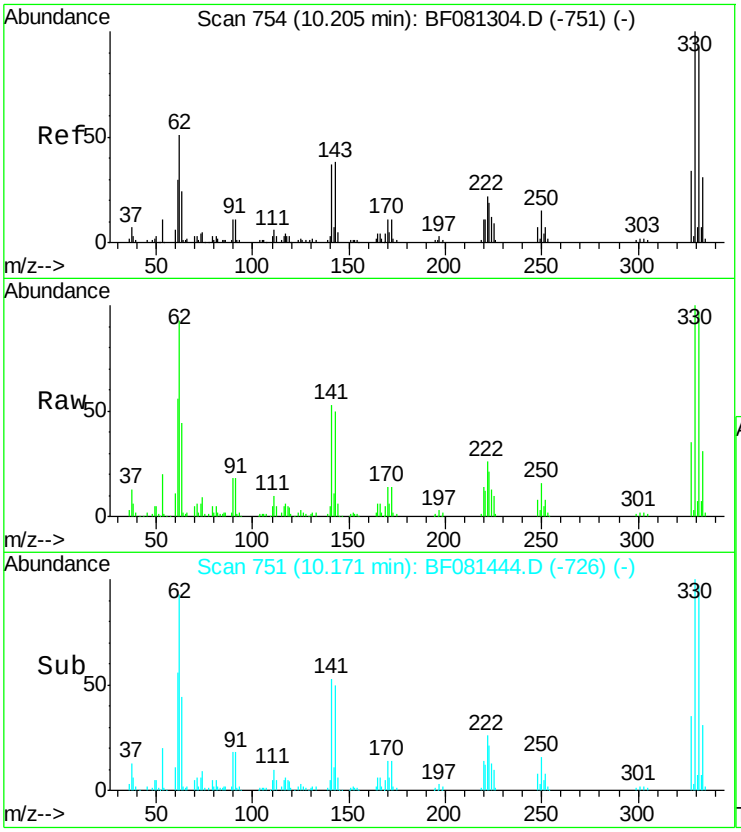


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Tgt Ion:164 Resp: 103338

Ion	Ratio	Lower	Upper
164	100		
162	102.5	75.2	112.8
160	46.1	31.5	47.3



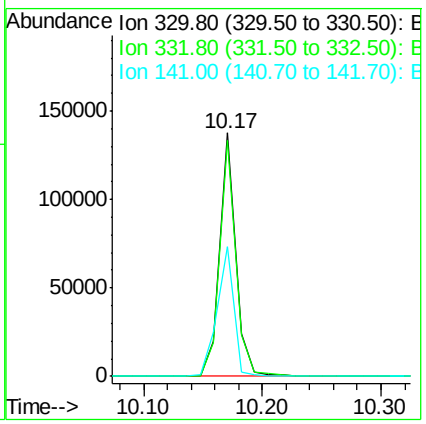


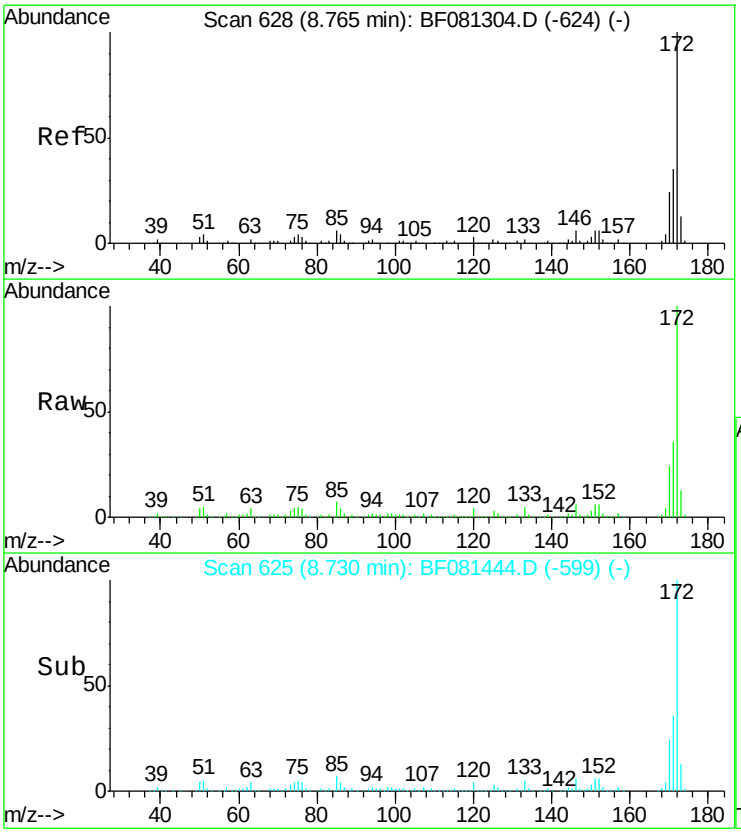
#41
2,4,6-Tribromophenol
Concen: 138.25 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Instrument :
BNA_F
ClientSampleId :
SB-09(5-7)

Tgt Ion:330 Resp: 127211

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	55.4	29.7	44.5#

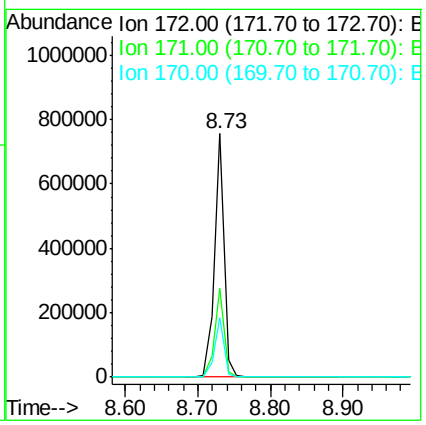


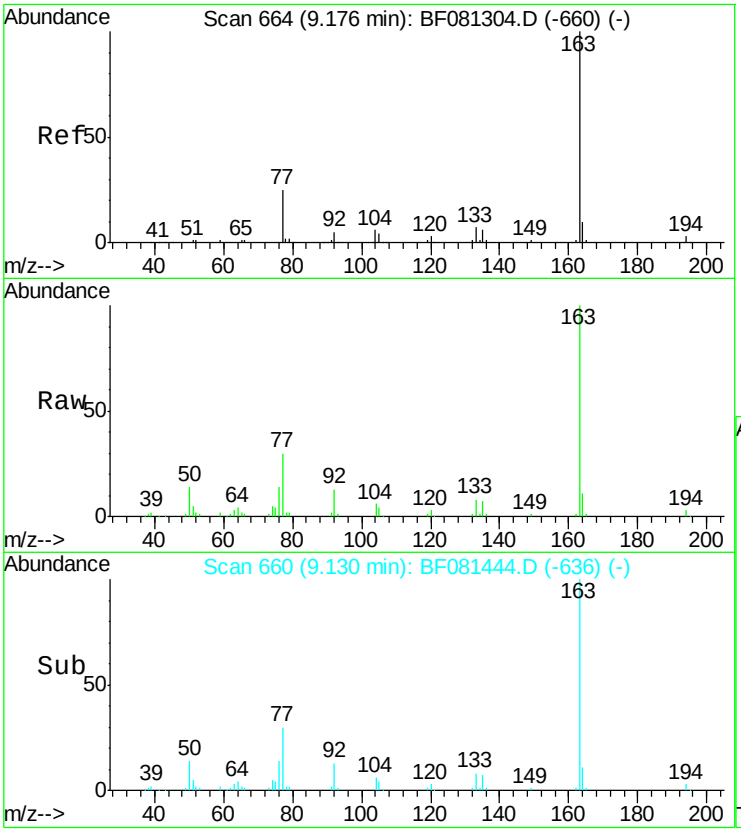


#44
2-Fluorobiphenyl
Concen: 86.42 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Tgt Ion:172 Resp: 696847

Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.5	17.4	26.2



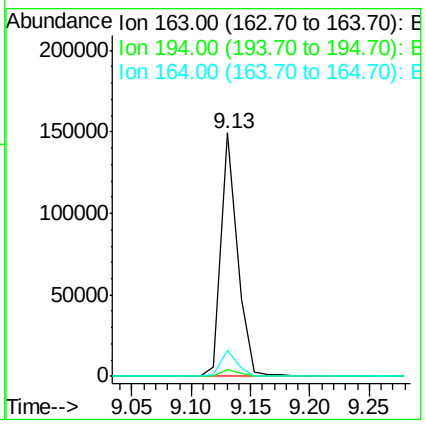


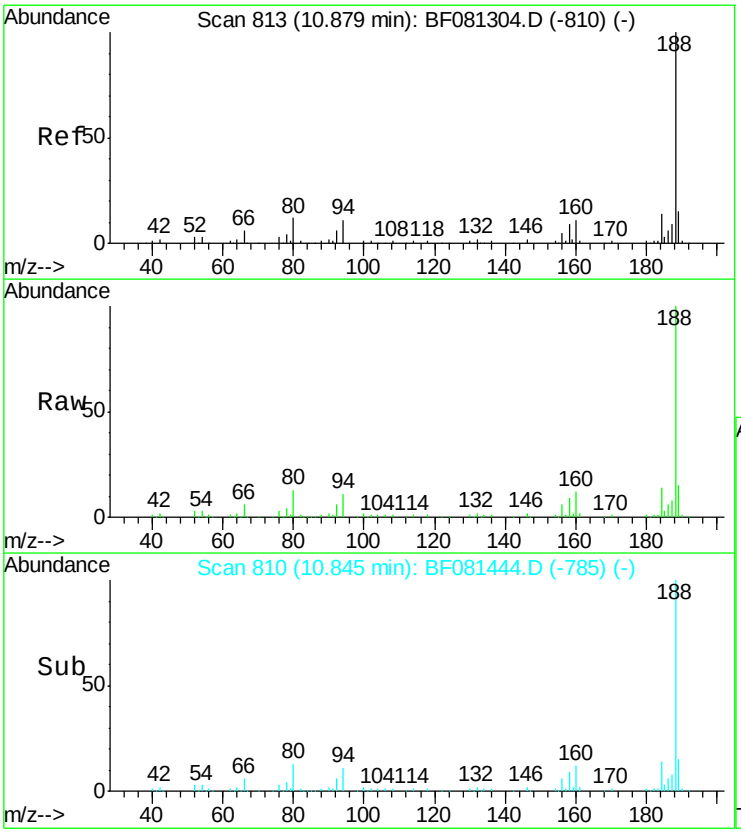
#49
Dimethylphthalate
Concen: 17.79 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Instrument :
BNA_F
ClientSampleId :
SB-09(5-7)

Tgt Ion:163 Resp: 142850

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	10.6	8.3	12.5

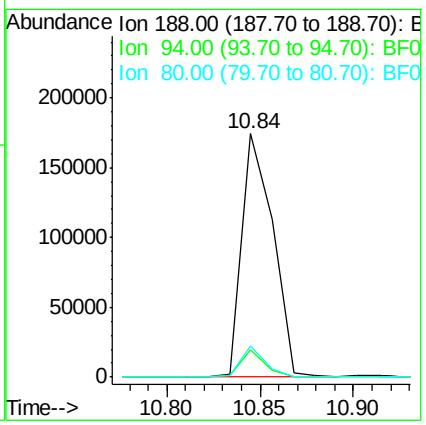


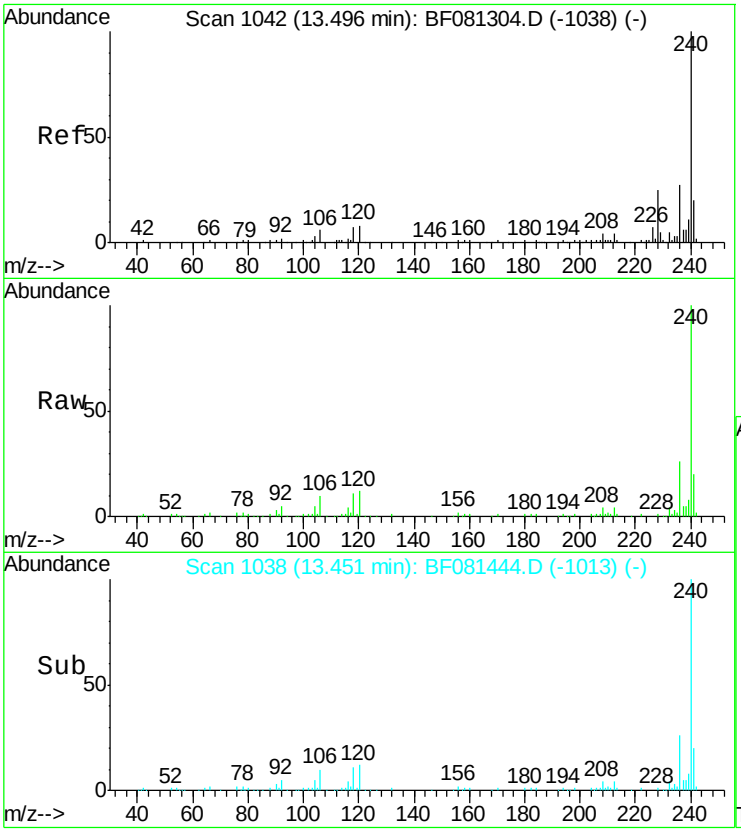


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Tgt Ion:188 Resp: 202935

Ion	Ratio	Lower	Upper
188	100		
94	11.4	11.1	16.7
80	12.6	11.0	16.4



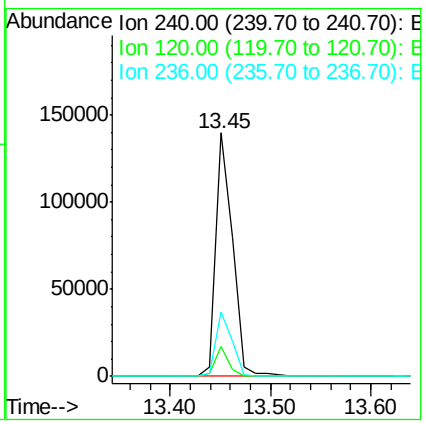


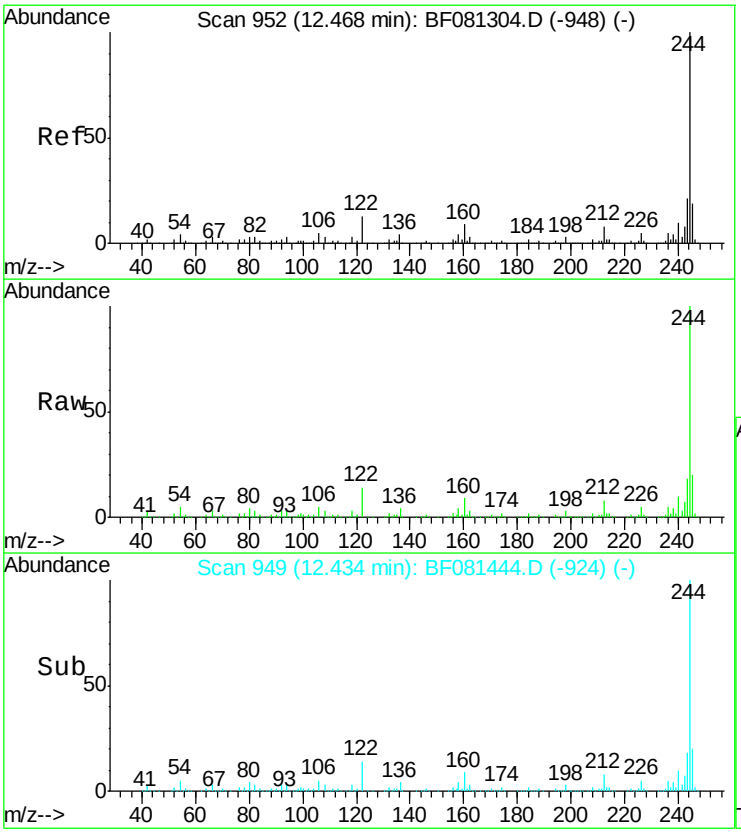
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Instrument :
BNA_F
ClientSampleId :
SB-09(5-7)

Tgt Ion:240 Resp: 161320

Ion	Ratio	Lower	Upper
240	100		
120	12.3	16.2	24.2#
236	26.5	18.4	27.6

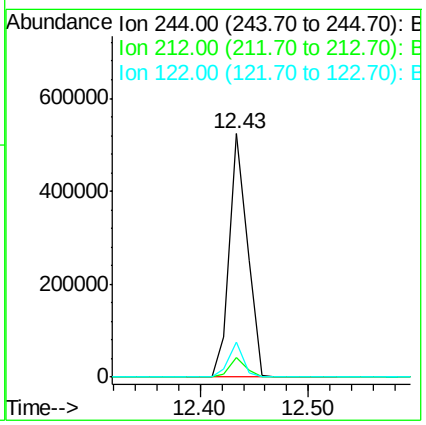


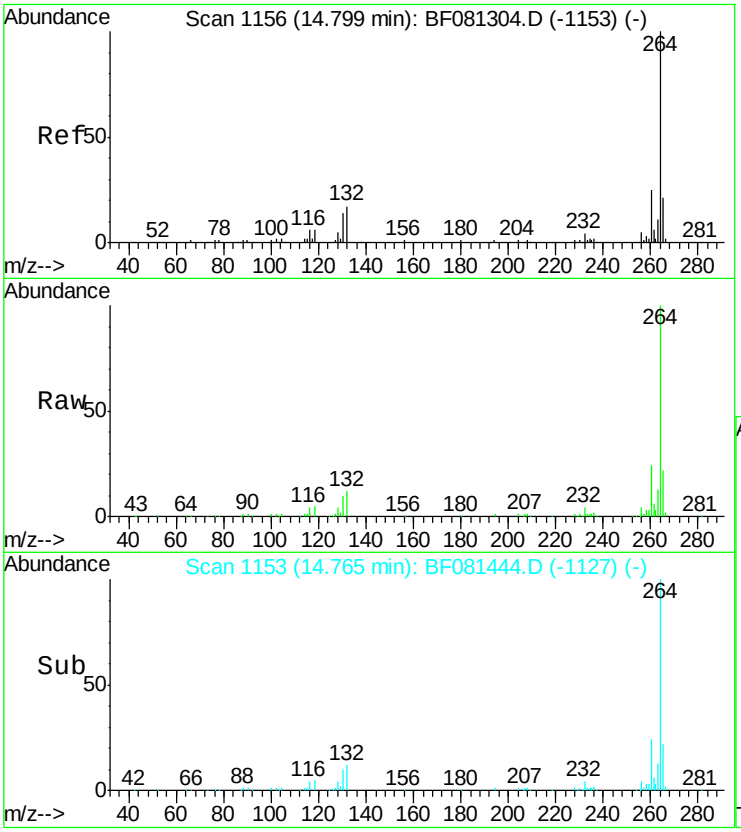


#78
Terphenyl-d14
Concen: 86.39 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Tgt Ion:244 Resp: 598710

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.3	6.5#
122	14.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081444.D
Acq: 5 Sep 2015 4:04

Instrument :
BNA_F
ClientSampleId :
SB-09(5-7)

Tgt Ion:264 Resp: 121384

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.5	17.2	25.8