Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081866.D
Acq On : 29 Sep 2015 5:02
Operator : UM/IZ
Sample : G3717-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-12-9-16-15

Quant Time: Sep 29 05:39:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	119057	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	482119	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	231633	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	432445	20.00	ng	0.00
75) Chrysene-d12	14.10	240	370874	20.00	ng	-0.01
86) Perylene-d12	15.58	264	290536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	421951	64.34	ng	0.00
7) Phenol-d6	6.55	99	366911	44.46	ng	-0.01
23) Nitrobenzene-d5	7.50	82	767402	106.10	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	346718	147.80	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1520349	118.86	ng	0.00
78) Terphenyl-d14	13.05	244	1269376	127.71	ng	0.00
Target Compounds						Qvalue

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

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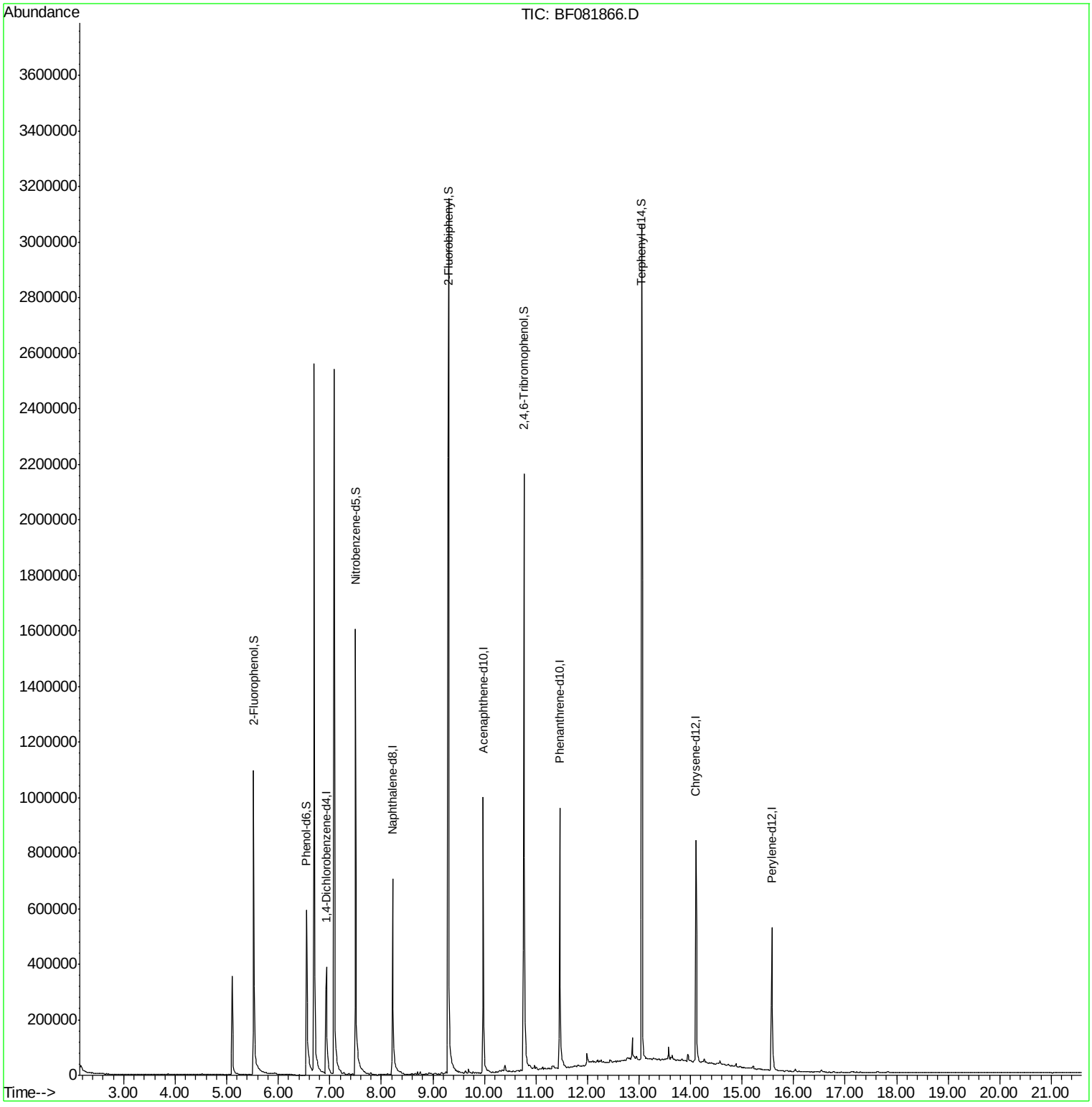
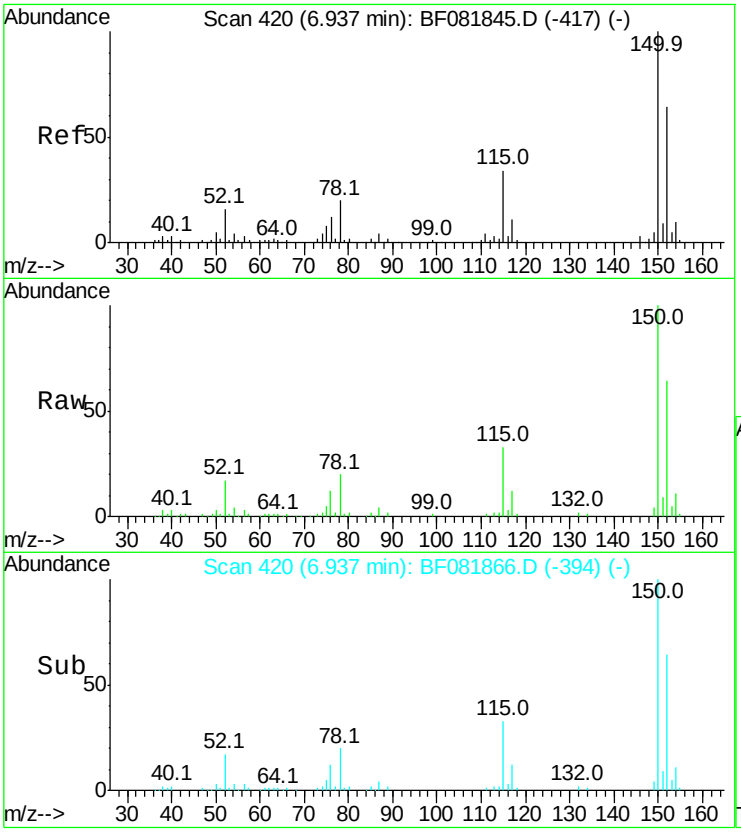


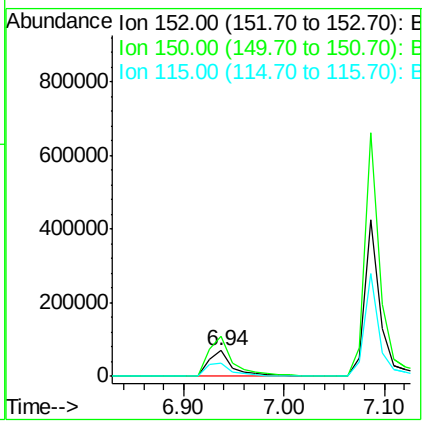


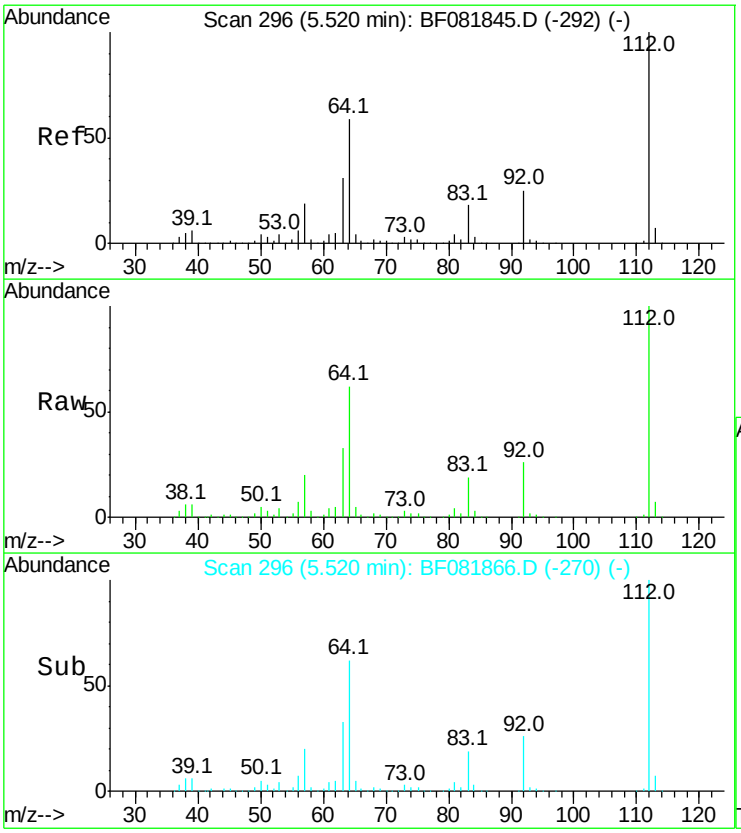
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion:152 Resp: 119057

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.7	187.1
115	52.2	39.0	58.4

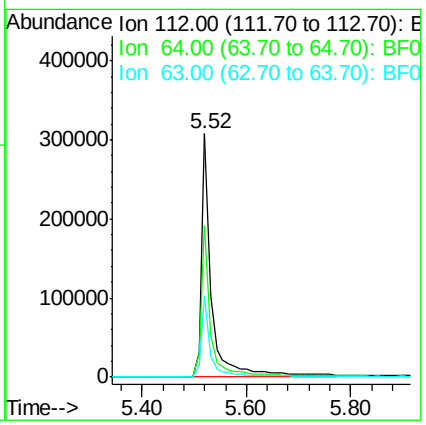


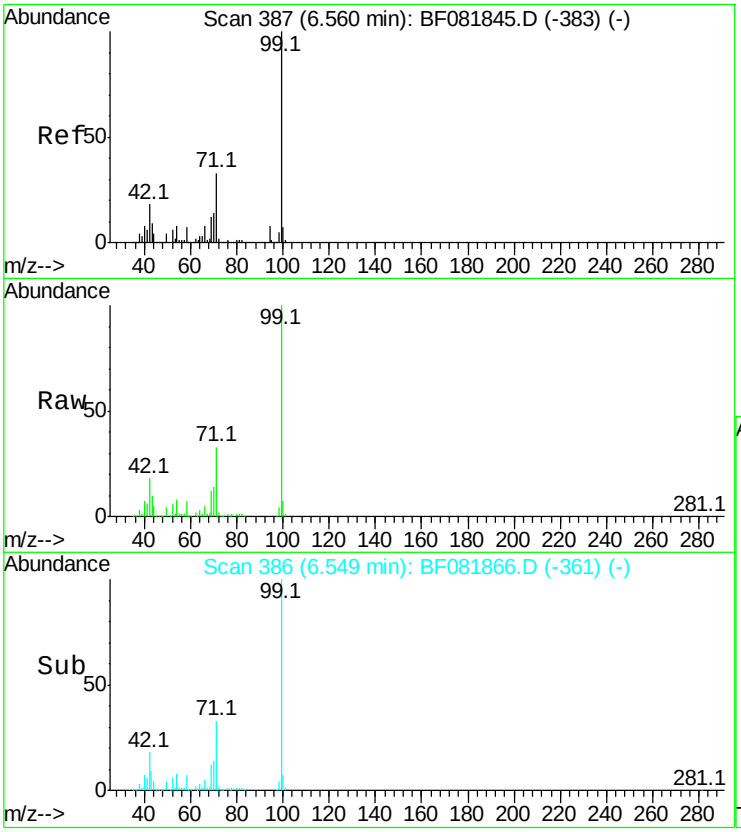


#5
2-Fluorophenol
Concen: 64.34 ng
RT: 5.52 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Tgt Ion:112 Resp: 421951

Ion	Ratio	Lower	Upper
112	100		
64	62.3	39.7	59.5#
63	33.1	17.4	26.0#



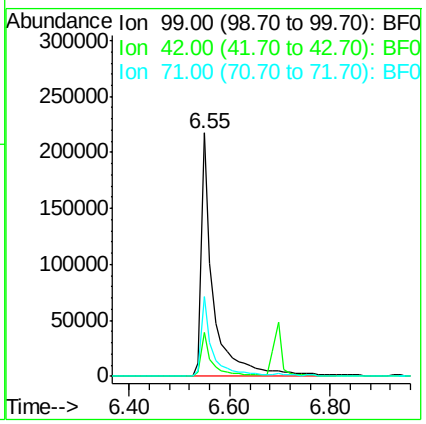


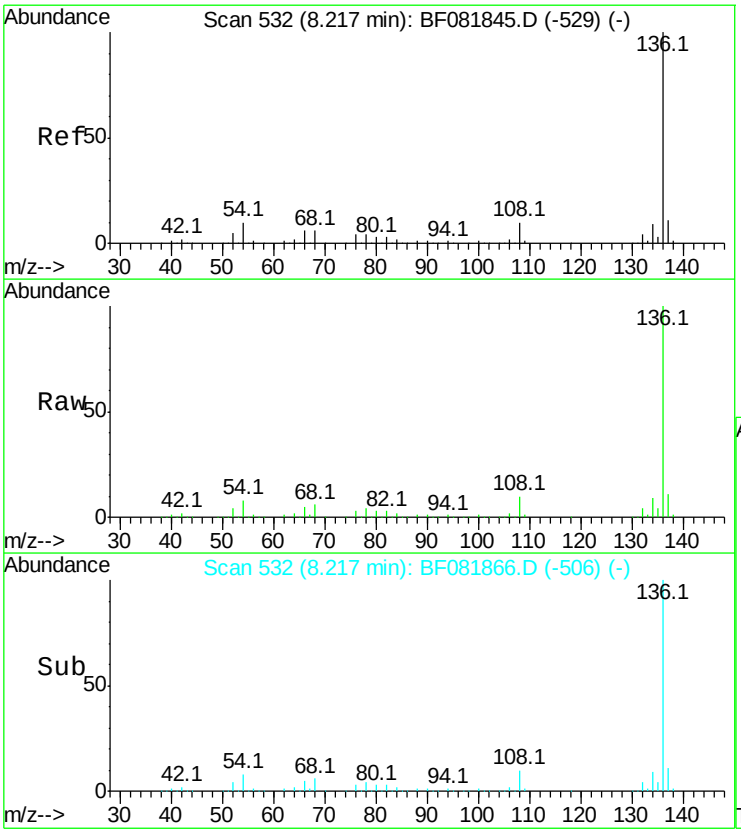
#7
Phenol-d6
Concen: 44.46 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion: 99 Resp: 366911

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	32.8	14.2	21.2#

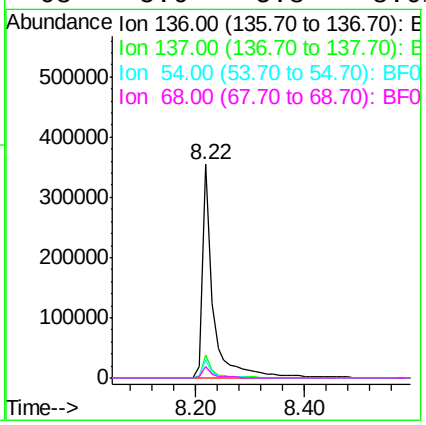


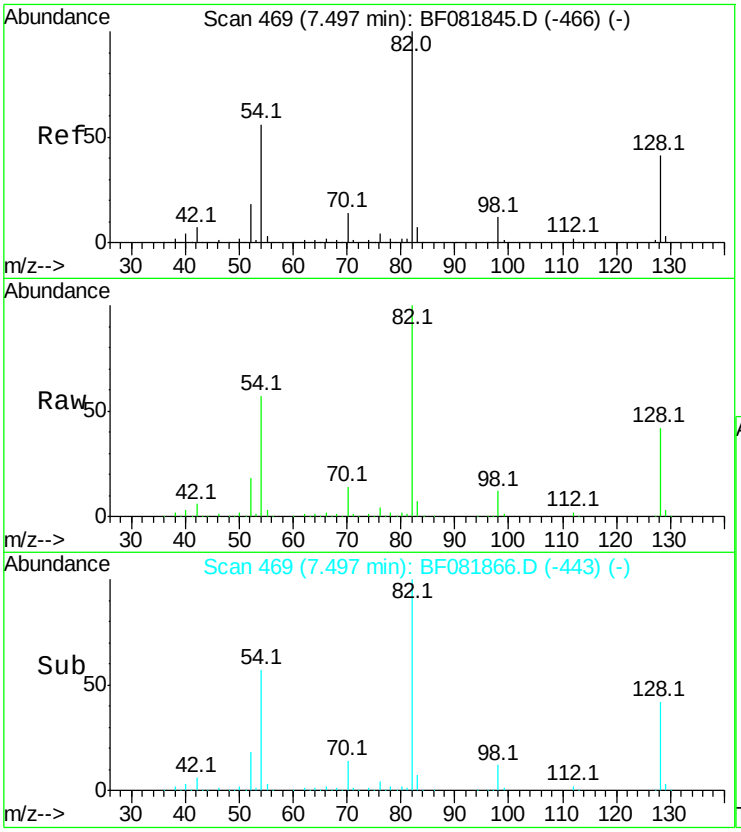


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Tgt Ion:136 Resp: 482119

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.2	8.2	12.2
68	5.6	5.8	8.6#



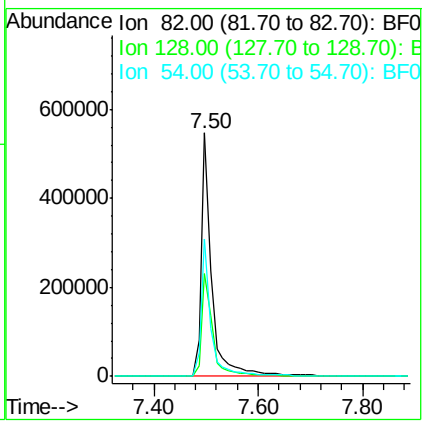


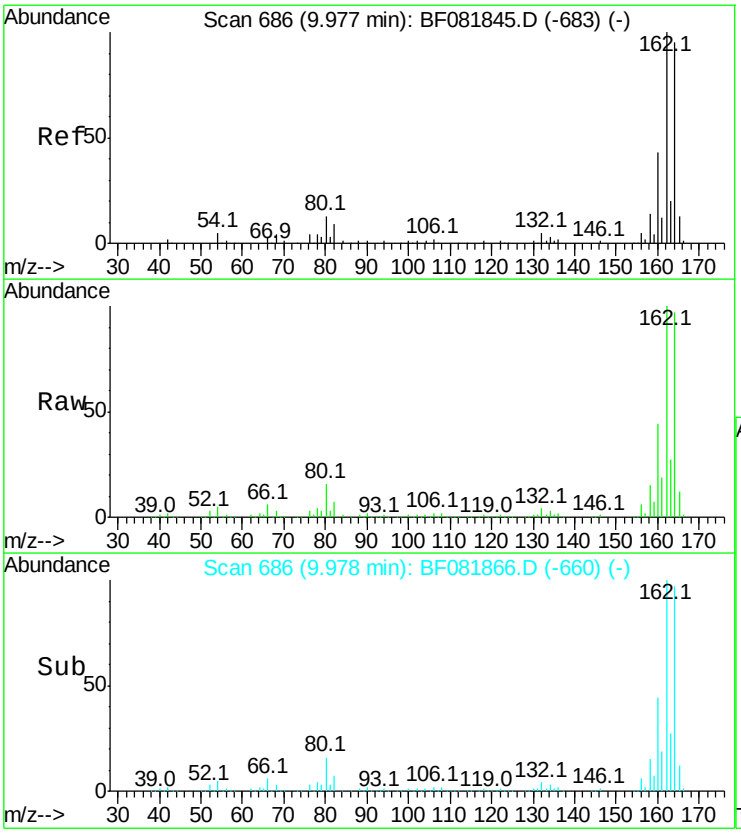
#23
Nitrobenzene-d5
Concen: 106.10 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion: 82 Resp: 767402

Ion	Ratio	Lower	Upper
82	100		
128	42.1	51.0	76.6#
54	56.6	47.5	71.3

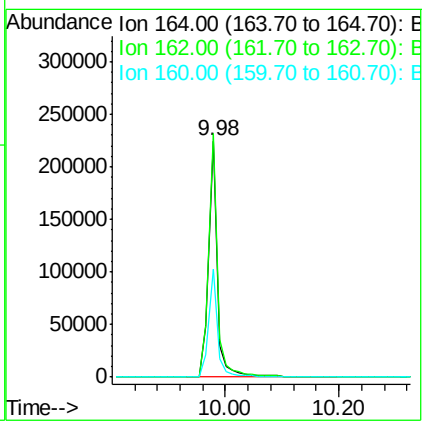


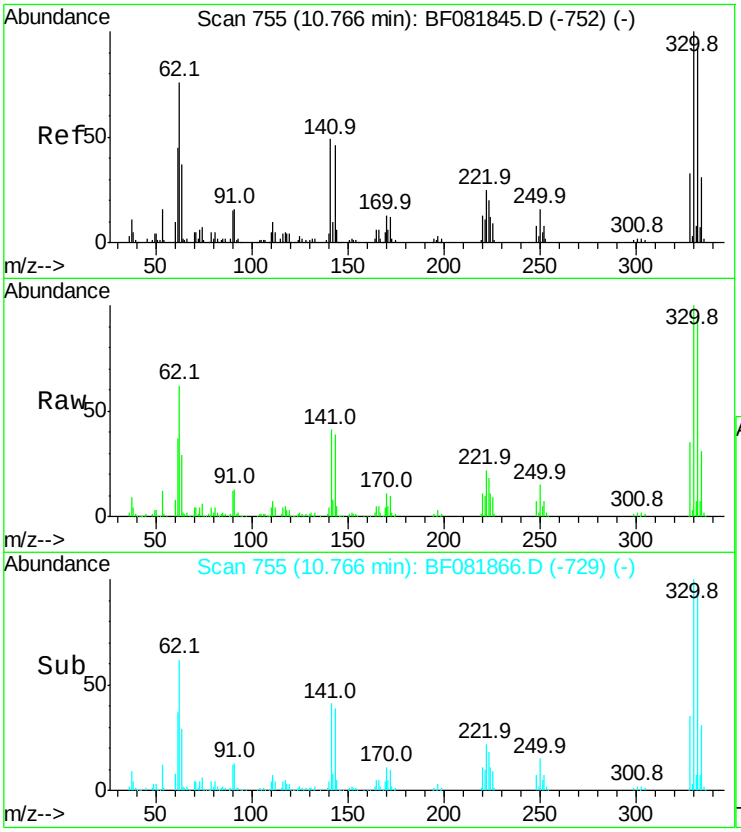


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Tgt Ion:164 Resp: 231633

Ion	Ratio	Lower	Upper
164	100		
162	103.1	75.2	112.8
160	45.8	31.5	47.3



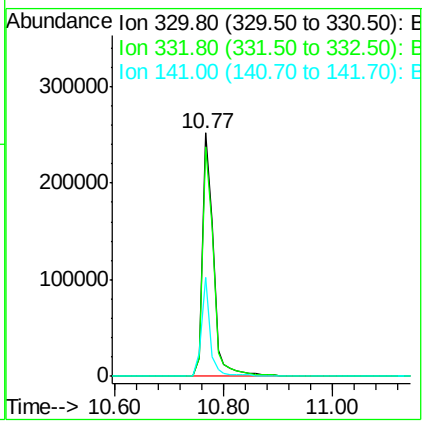


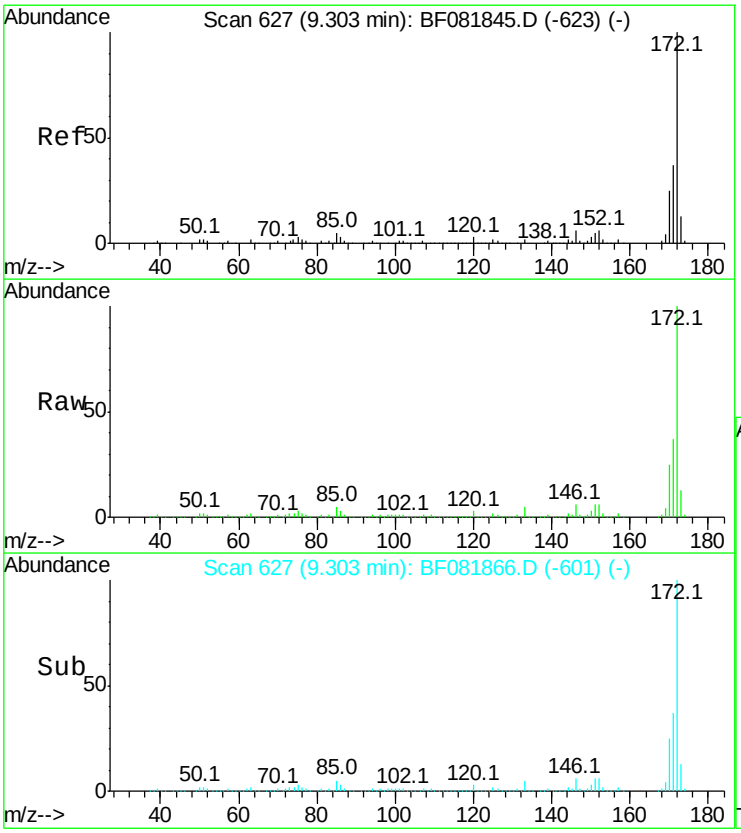
#41
2,4,6-Tribromophenol
Concen: 147.80 ng
RT: 10.77 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion:330 Resp: 346718

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	33.6	29.7	44.5

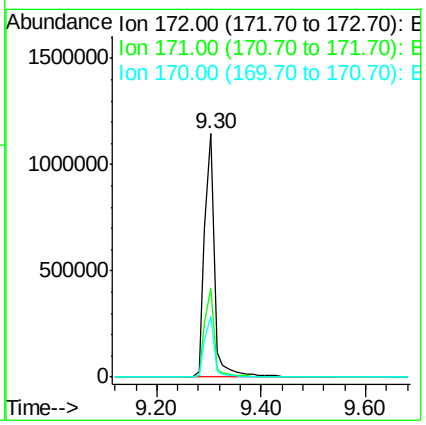


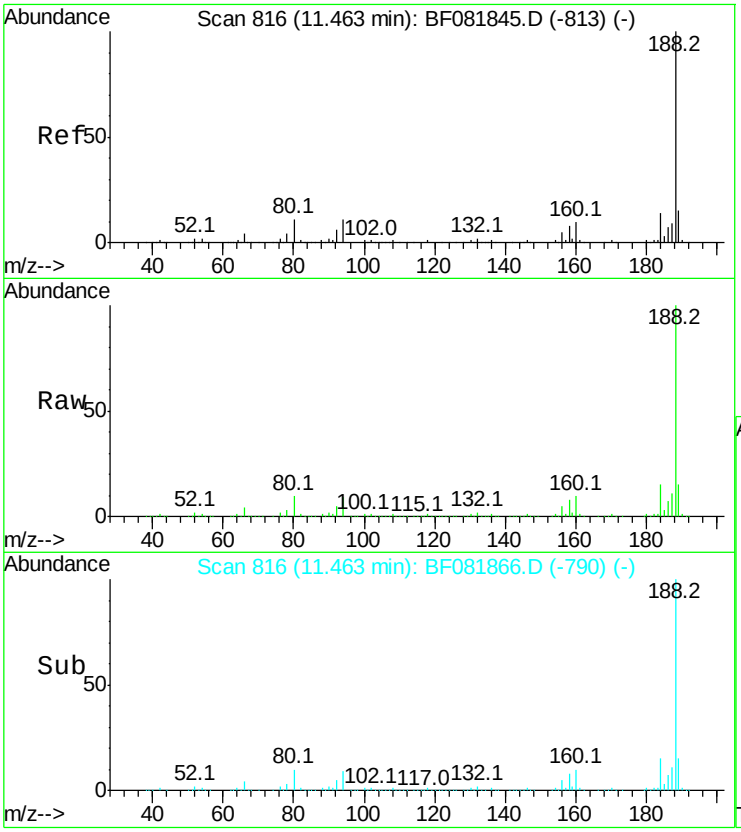


#44
2-Fluorobiphenyl
Concen: 118.86 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Tgt Ion:172 Resp: 1520349

Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	25.0	17.4	26.2



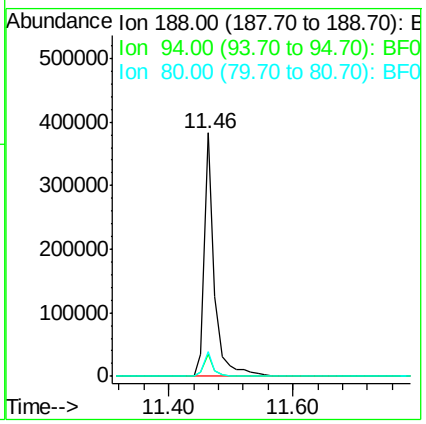


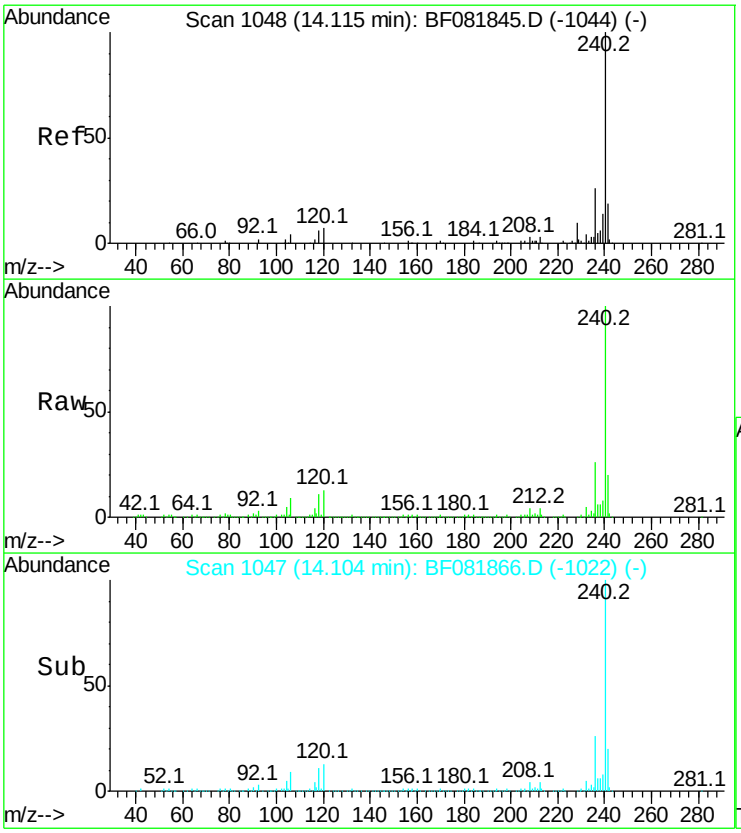
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion:188 Resp: 432445

Ion	Ratio	Lower	Upper
188	100		
94	9.3	11.1	16.7#
80	10.0	11.0	16.4#

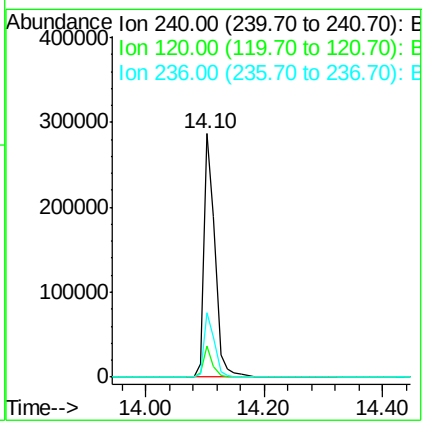


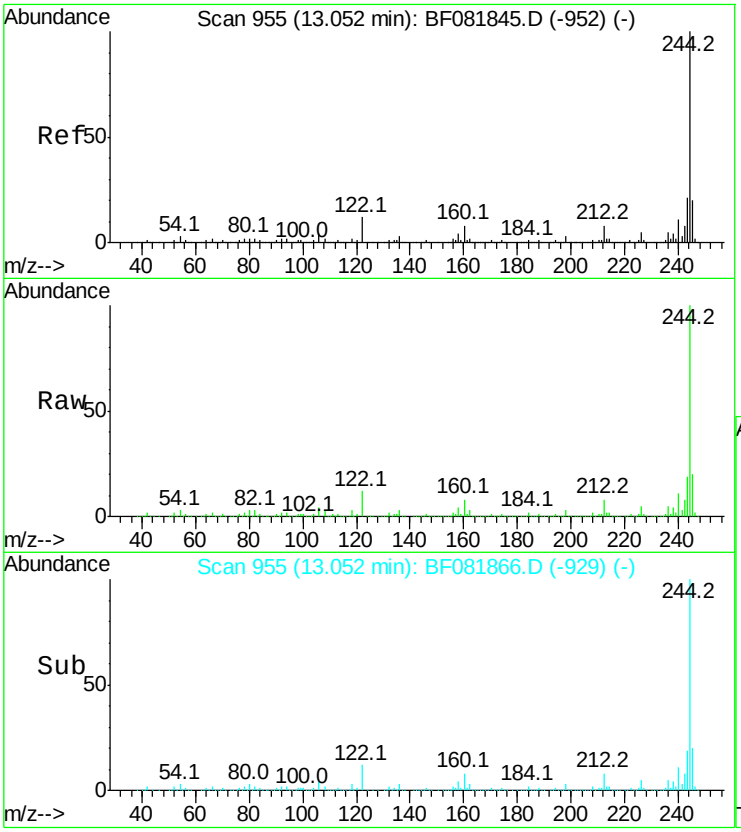


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Tgt Ion:240 Resp: 370874

Ion	Ratio	Lower	Upper
240	100		
120	12.9	16.2	24.2#
236	26.2	18.4	27.6



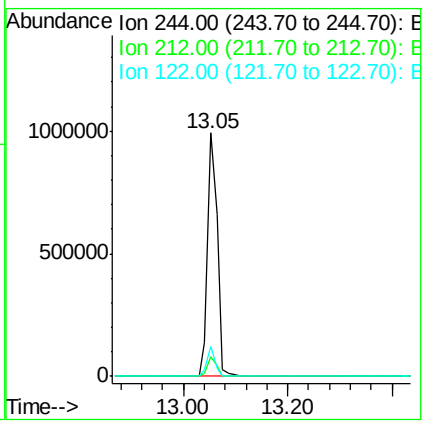


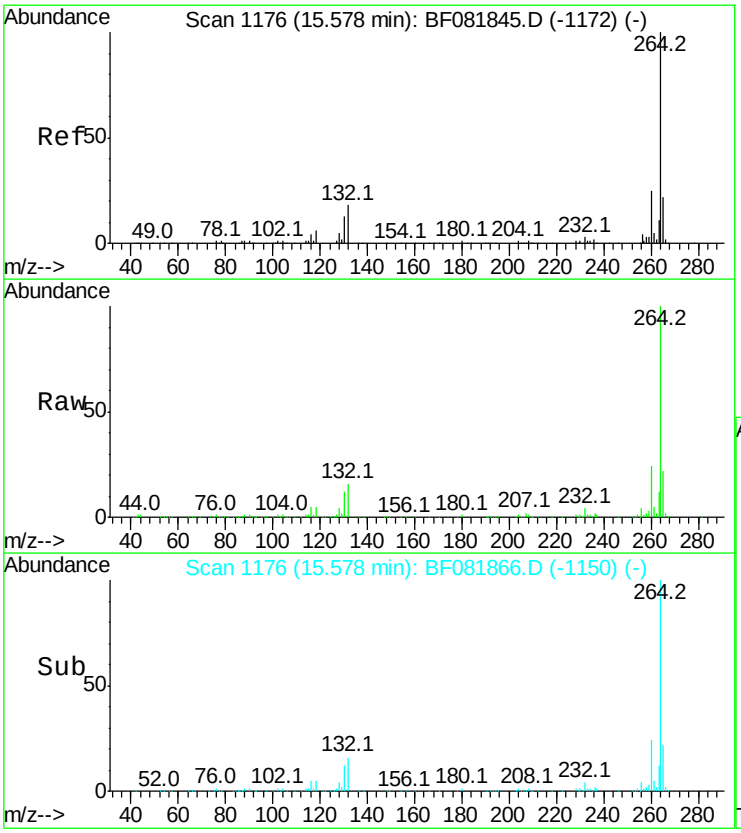
#78
Terphenyl-d14
Concen: 127.71 ng
RT: 13.05 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tgt Ion:244 Resp: 1269376

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	12.2	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081866.D
Acq: 29 Sep 2015 5:02

Tgt Ion:264 Resp: 290536

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.8	17.2	25.8