Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090694.D
Acq On : 20 Oct 2016 20:42
Operator : UM/SJ
Sample : H5343-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB05-14.5-15.0

Quant Time: Oct 21 09:29:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166161	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	714351	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	296175	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	378620	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	320101	20.00	ng	-0.05
86) Perylene-d12	15.49	264	252237	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1395155	153.93	ng	-0.02
7) Phenol-d6	6.52	99	1802122	133.81	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1102261	85.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	261466	99.02	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	1423313	79.18	ng	-0.03
78) Terphenyl-d14	12.99	244	1097307	79.82	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	380522	19.80	ng	98
59) Diethylphthalate	10.34	149	67912	3.48	ng	99

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

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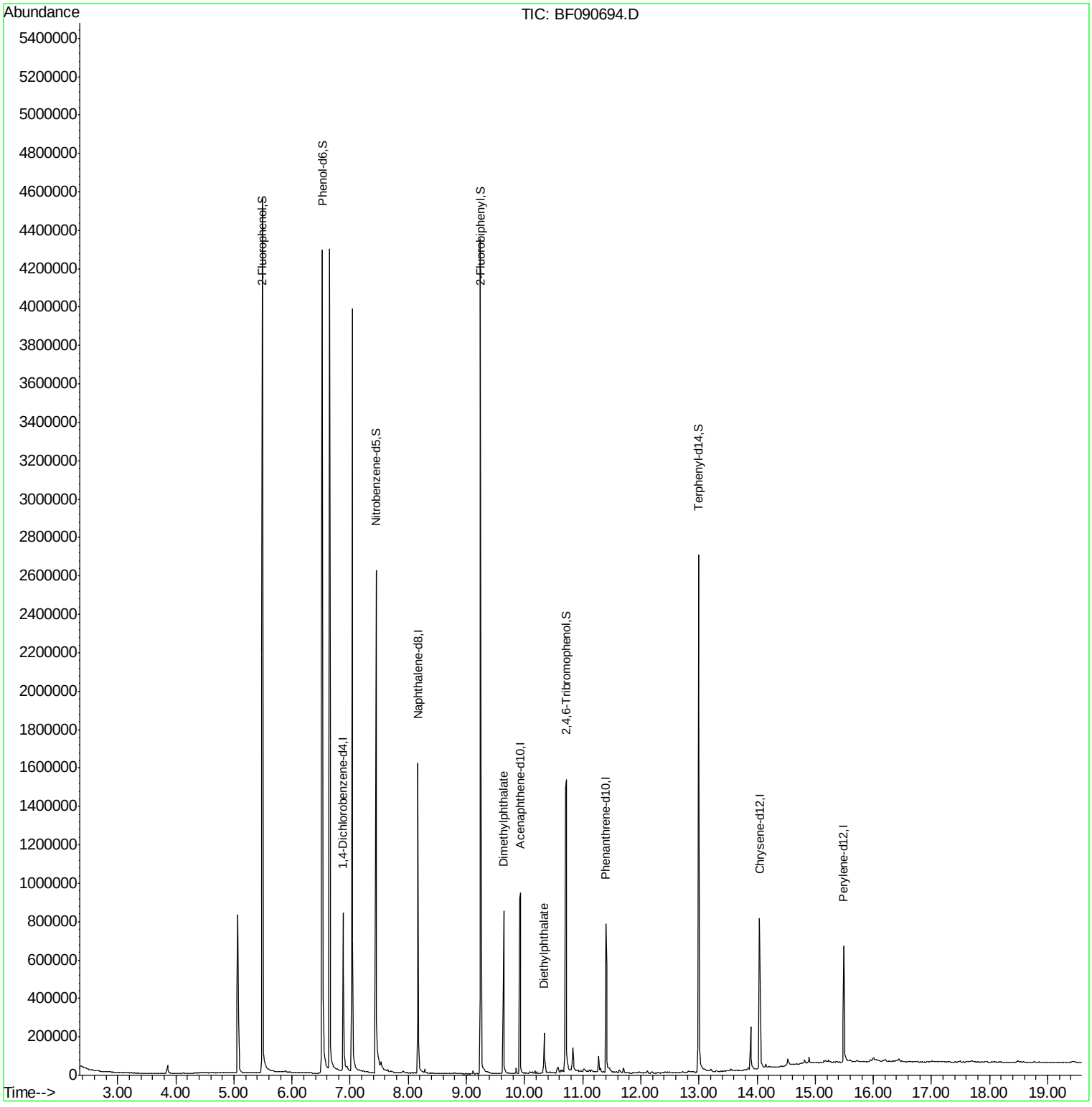
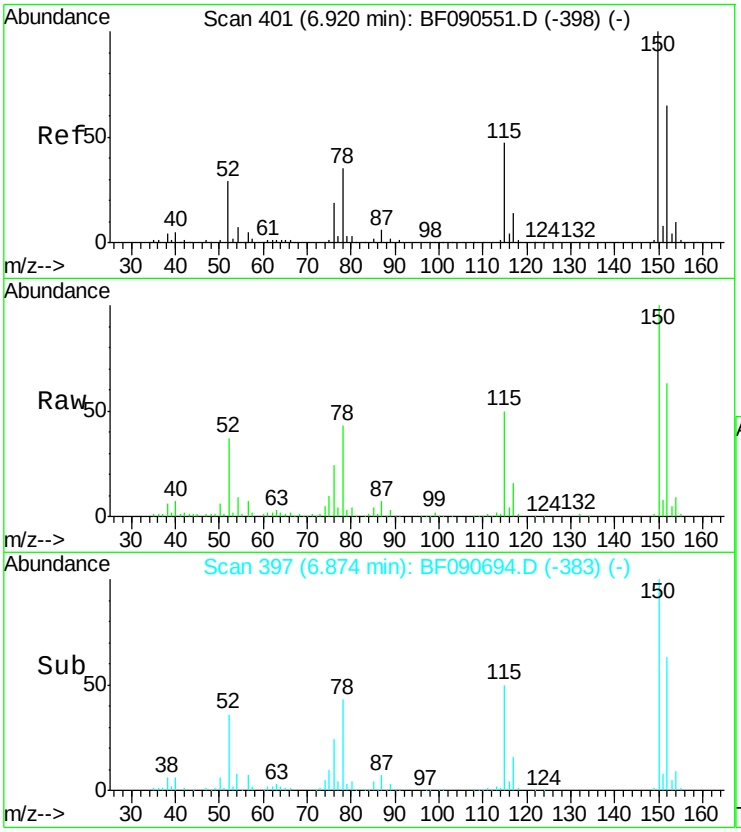


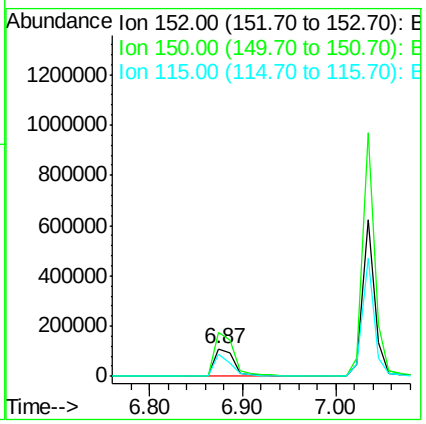


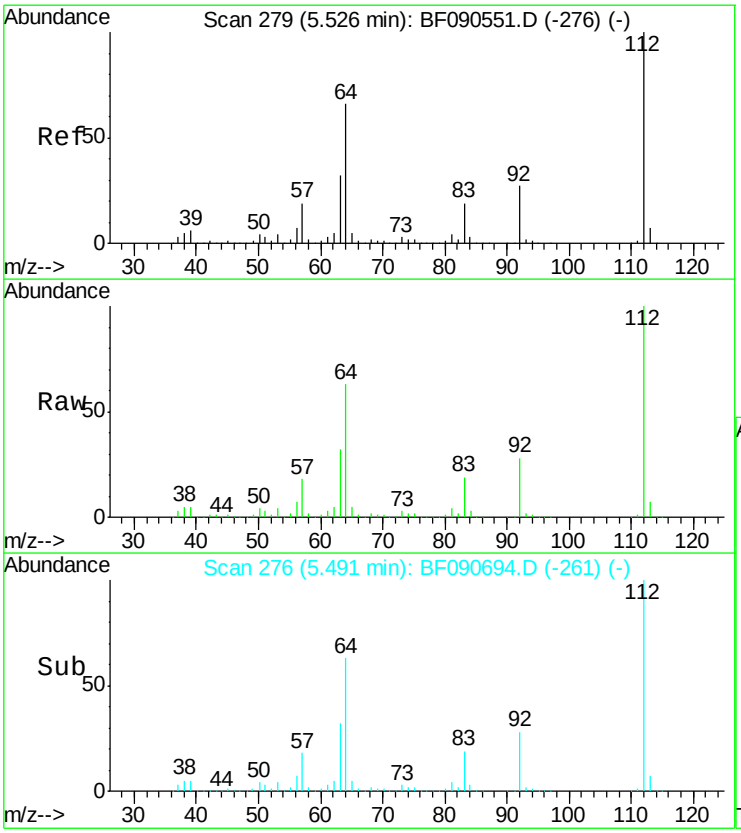
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

Tgt Ion:152 Resp: 166161

Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.2	190.8
115	79.0	58.6	88.0

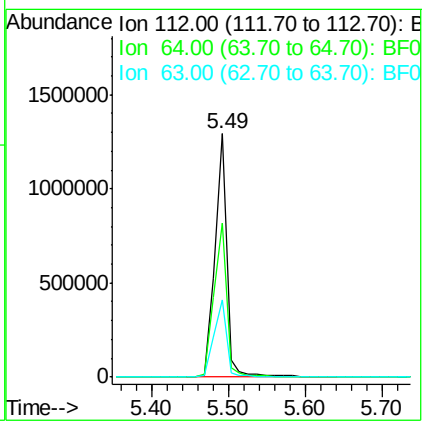


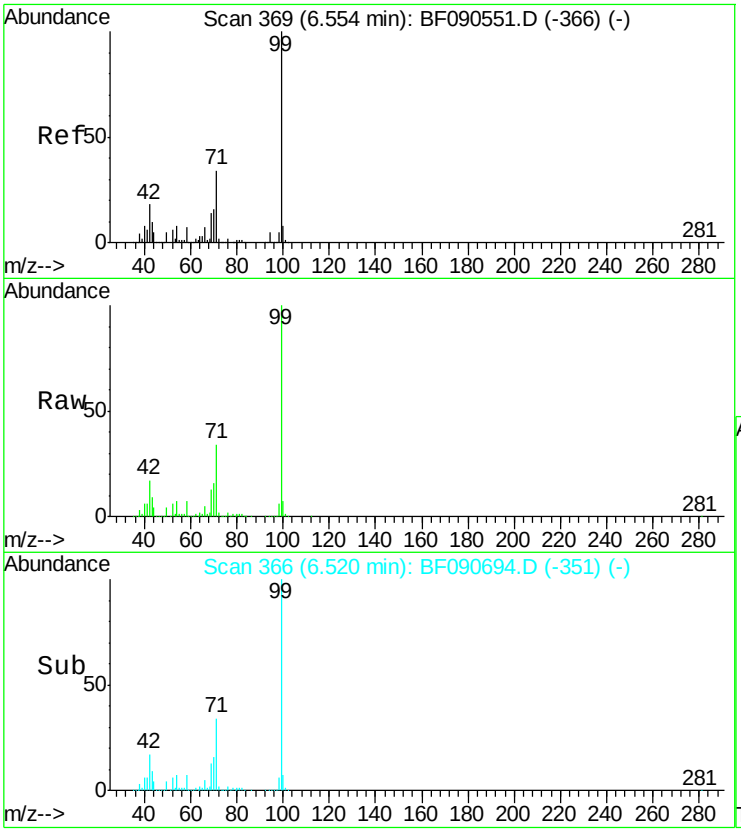


#5
2-Fluorophenol
Concen: 153.93 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.02 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Tgt Ion:112 Resp: 1395155

Ion	Ratio	Lower	Upper
112	100		
64	63.3	52.6	78.8
63	31.8	26.0	39.0



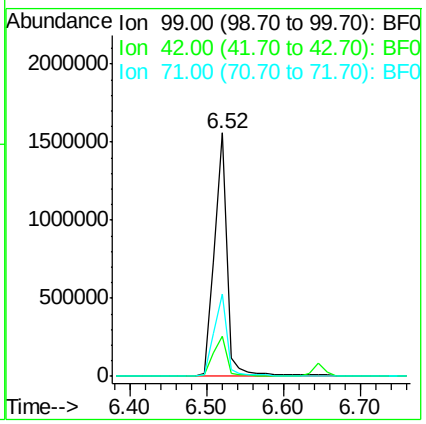


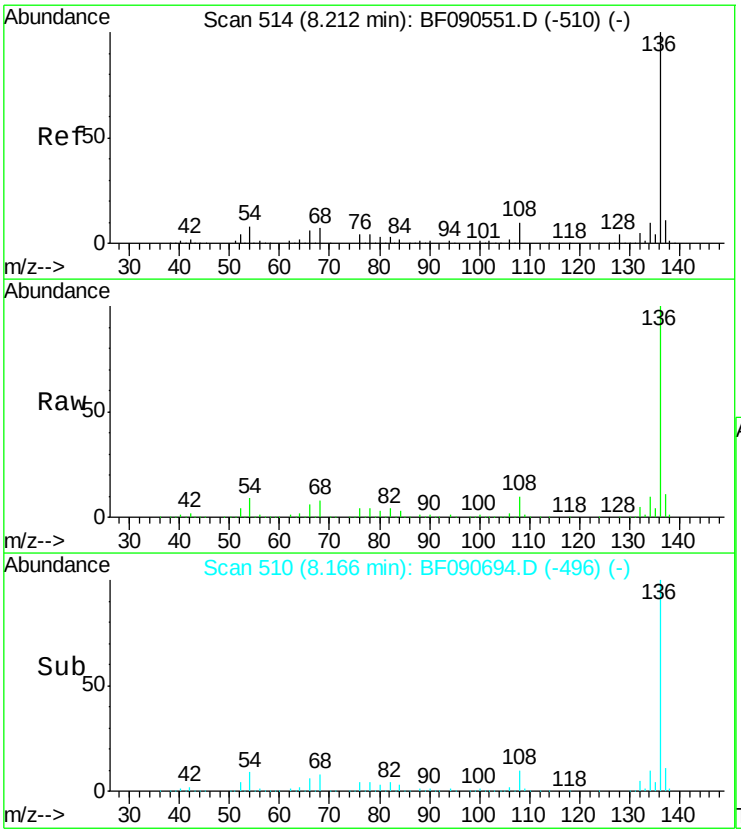
#7
Phenol-d6
Concen: 133.81 ng
RT: 6.52 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

Tgt Ion: 99 Resp: 1802122

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.7	22.1
71	34.0	27.6	41.4

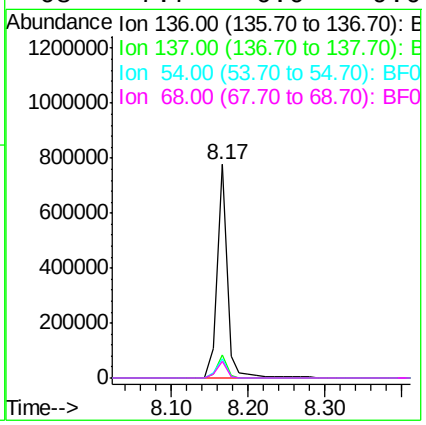


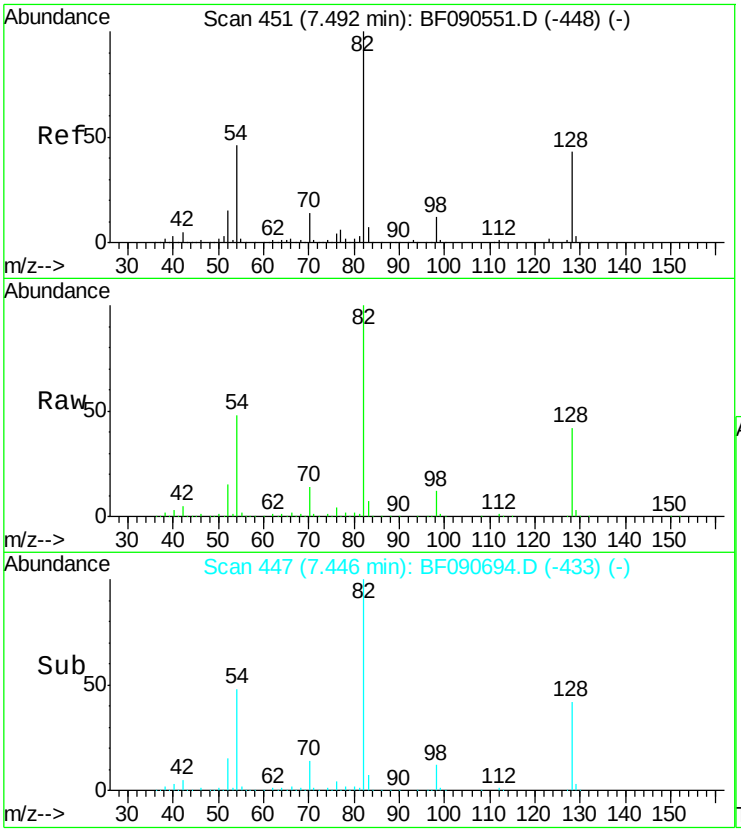


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Tgt Ion:136 Resp: 714351

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	6.8	10.2
68	7.7	6.0	9.0



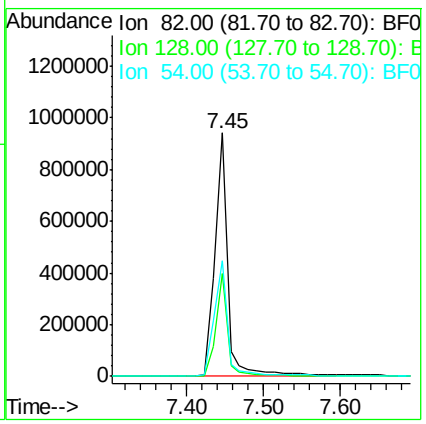


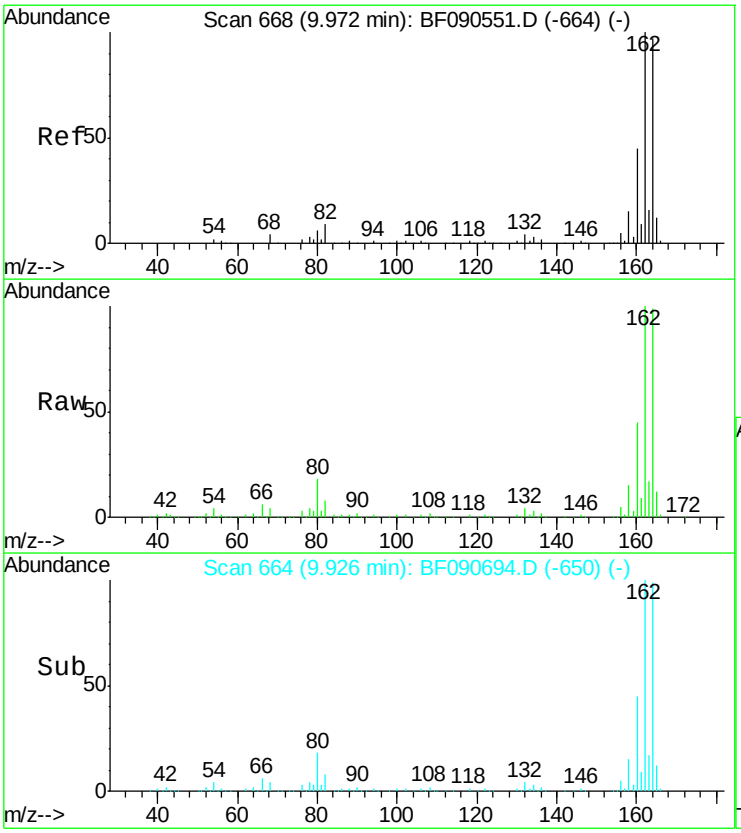
#23
Nitrobenzene-d5
Concen: 85.72 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

Tgt Ion: 82 Resp: 1102261

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.3	51.5
54	47.6	37.0	55.6

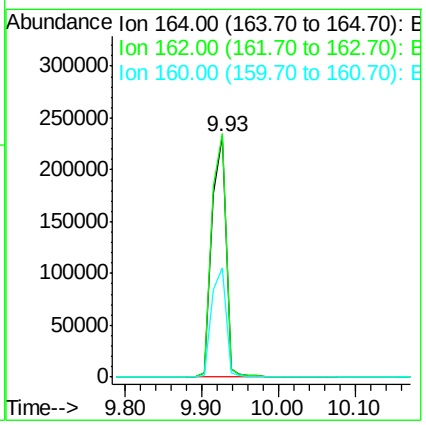


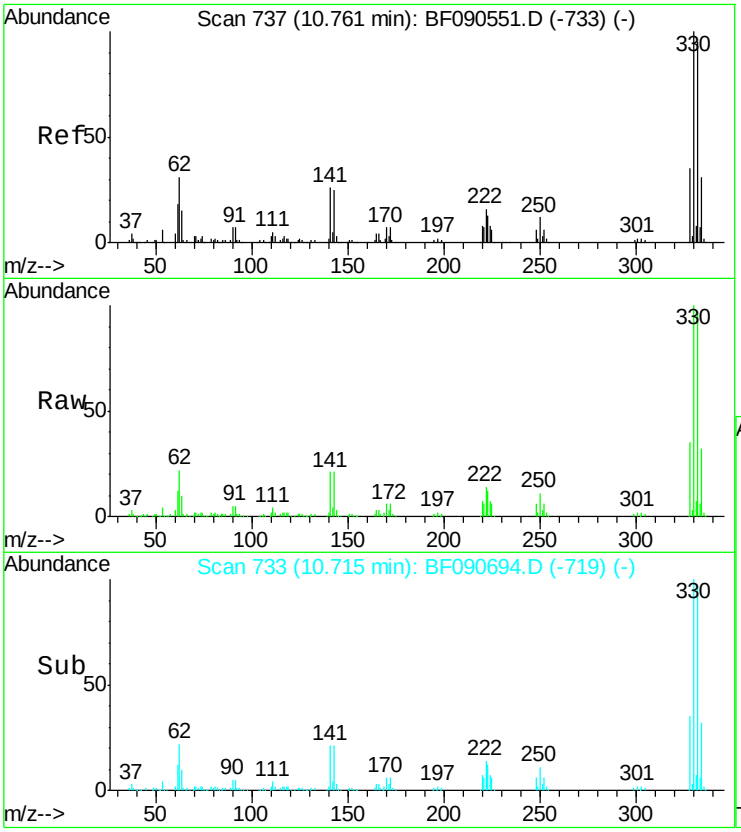


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Tgt Ion:164 Resp: 296175

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.4
160	45.6	36.6	55.0



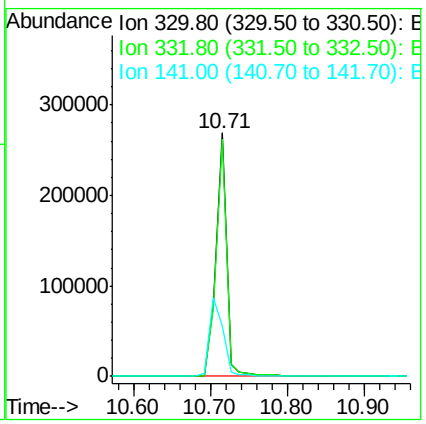


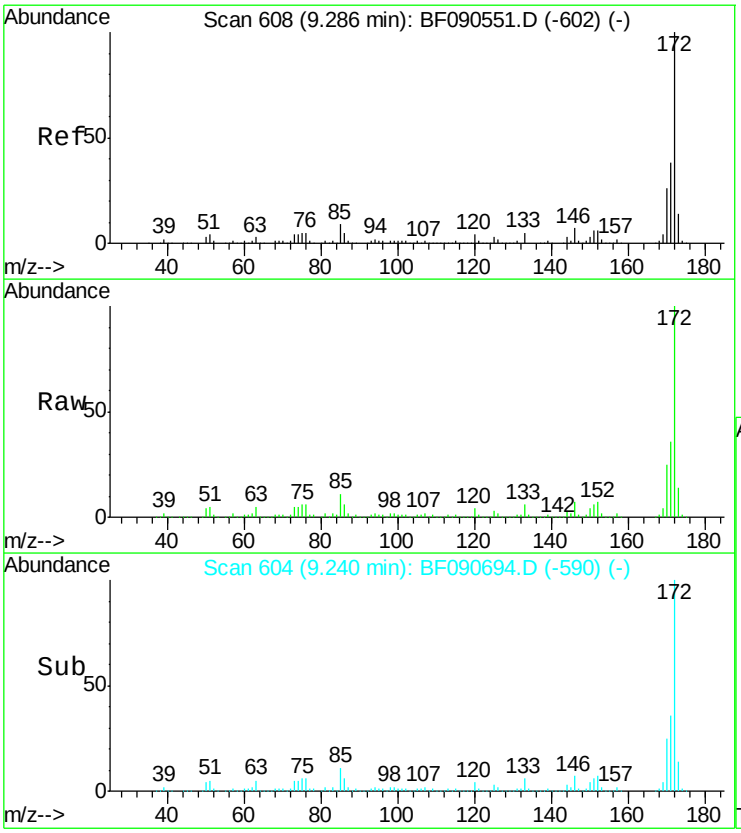
#41
2,4,6-Tribromophenol
Concen: 99.02 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

Tgt Ion:330 Resp: 261466

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.2
141	41.3	31.4	47.2

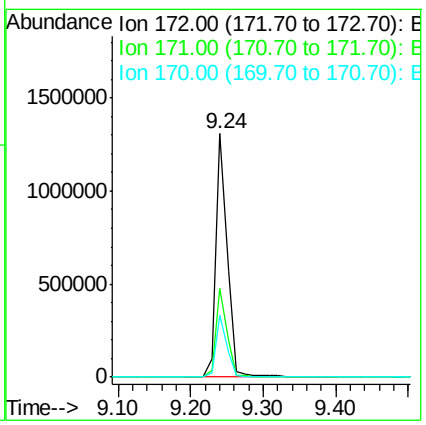


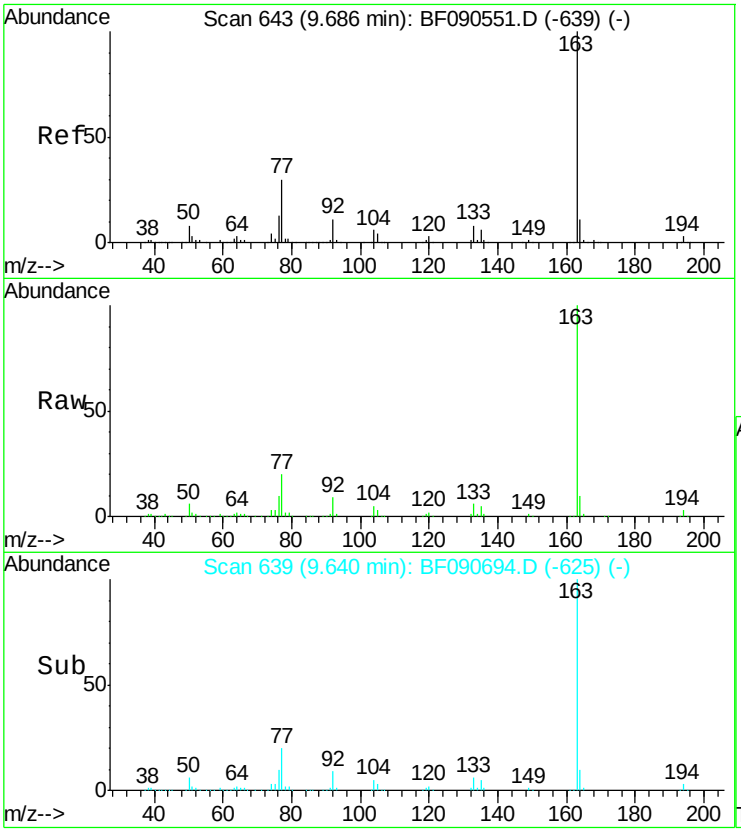


#44
2-Fluorobiphenyl
Concen: 79.18 ng
RT: 9.24 min Scan# 604
Delta R.T. -0.03 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Tgt Ion:172 Resp: 1423313

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.1	45.1
170	25.2	20.6	30.8



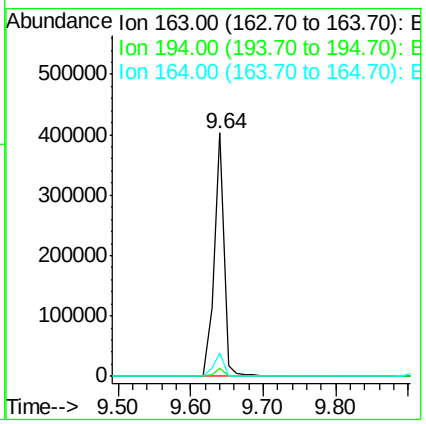


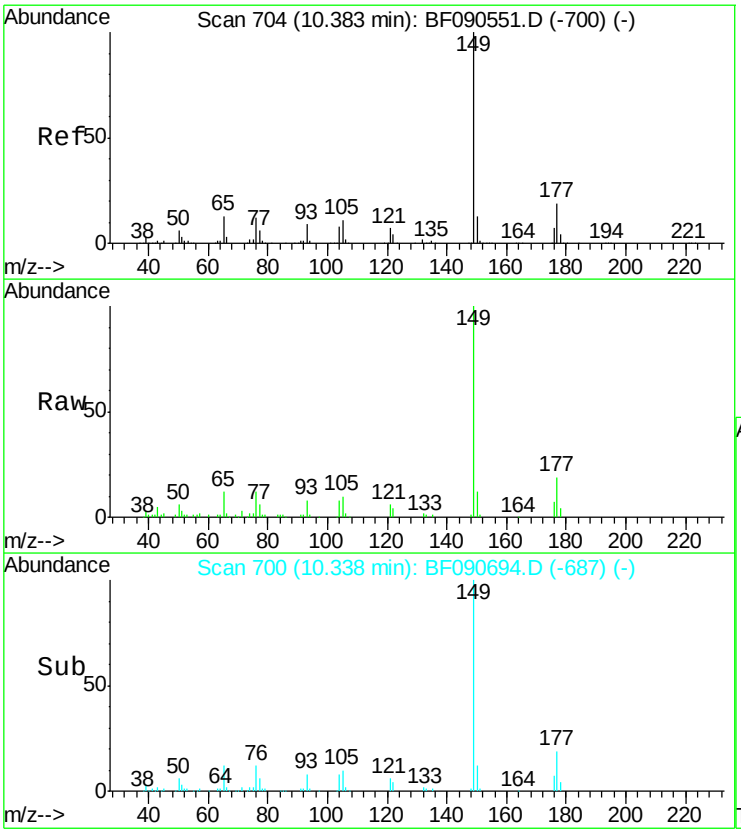
#49
Dimethylphthalate
Concen: 19.80 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

Tgt Ion:163 Resp: 380522

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.3	3.5
164	9.8	8.6	13.0

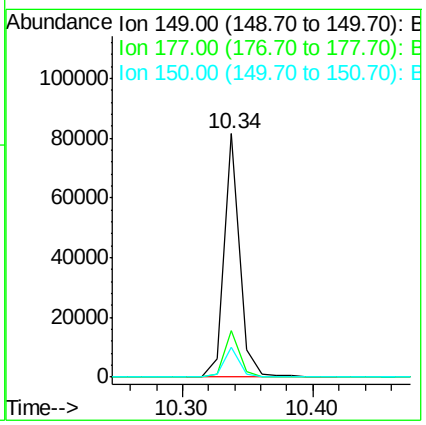


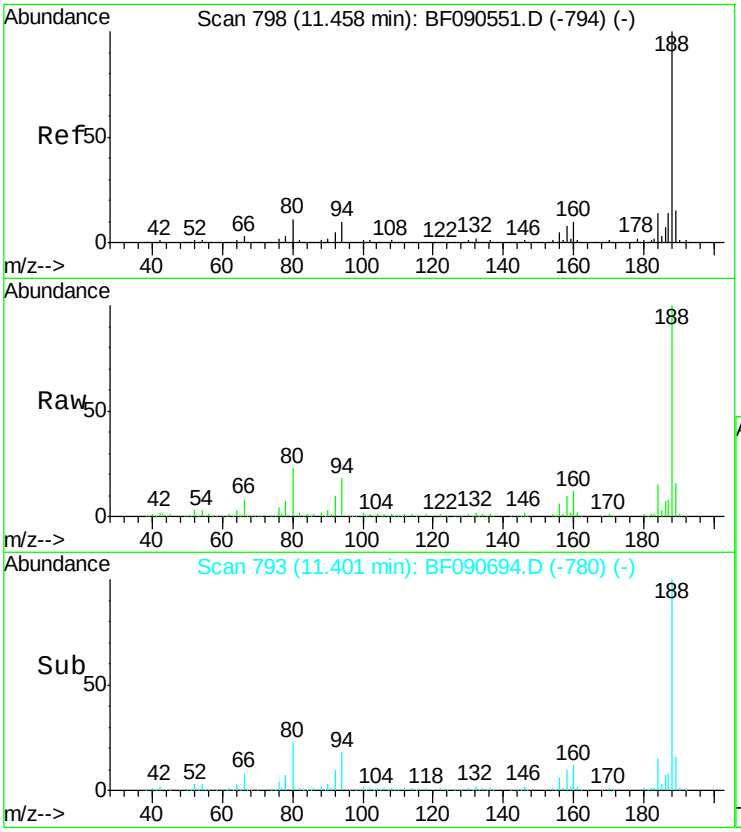


#59
Diethylphthalate
Concen: 3.48 ng
RT: 10.34 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Tgt Ion:149 Resp: 67912

Ion	Ratio	Lower	Upper
149	100		
177	18.9	15.3	22.9
150	12.3	10.3	15.5



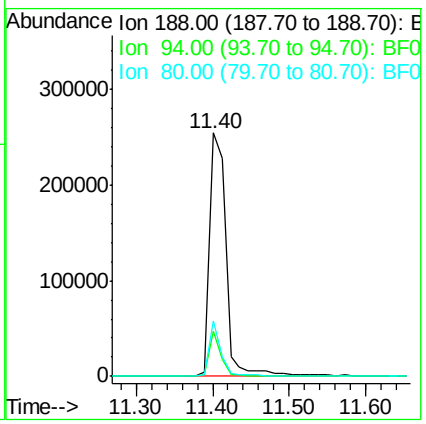


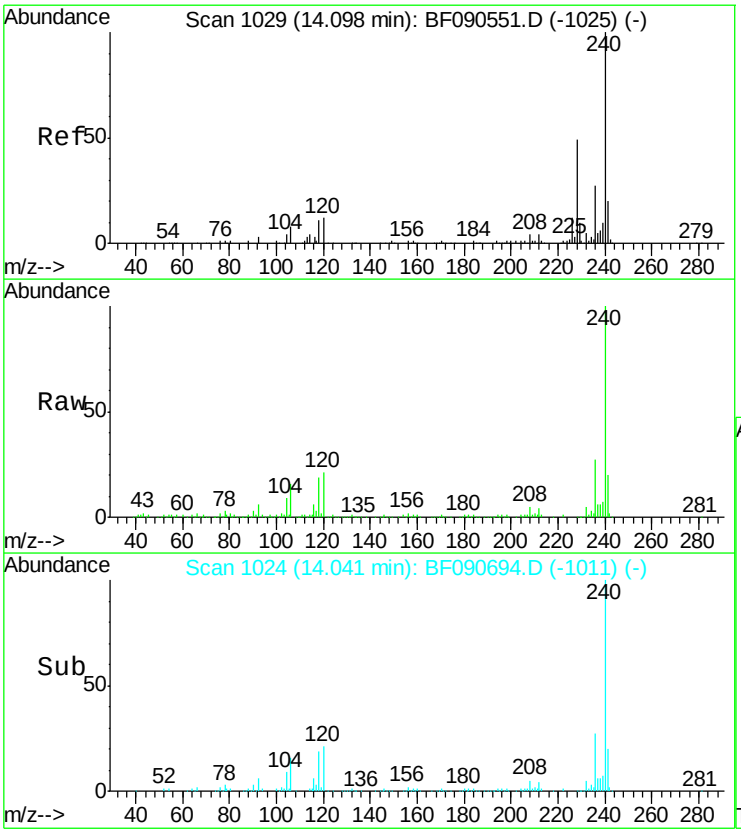
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

Tgt Ion:188 Resp: 378620

Ion	Ratio	Lower	Upper
188	100		
94	18.4	7.7	11.5#
80	22.8	8.6	12.8#

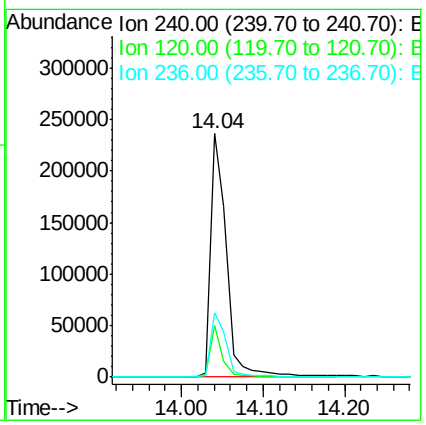


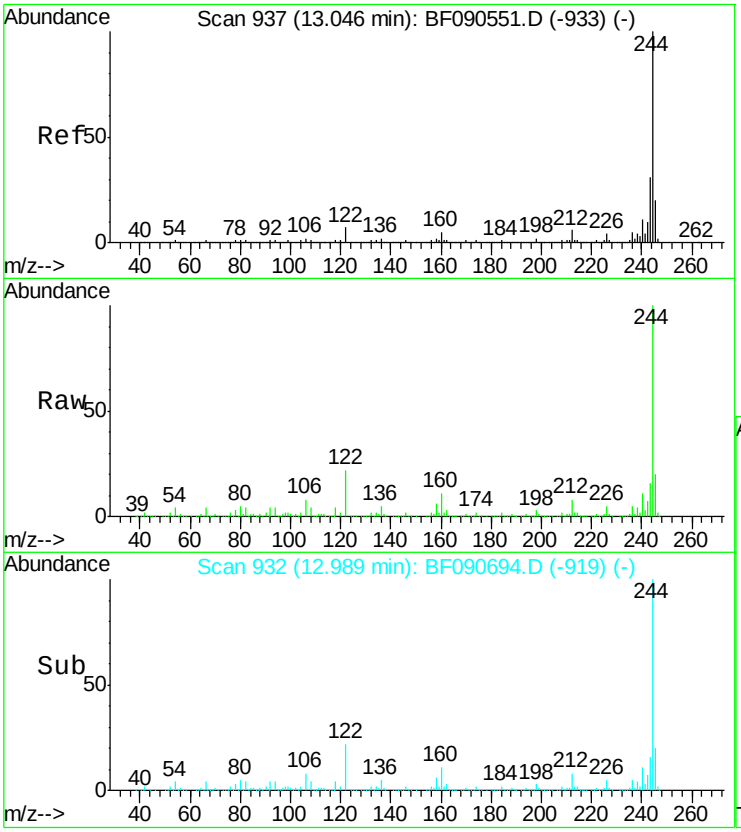


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Tgt Ion:240 Resp: 320101

Ion	Ratio	Lower	Upper
240	100		
120	21.1	9.8	14.8#
236	26.5	21.7	32.5



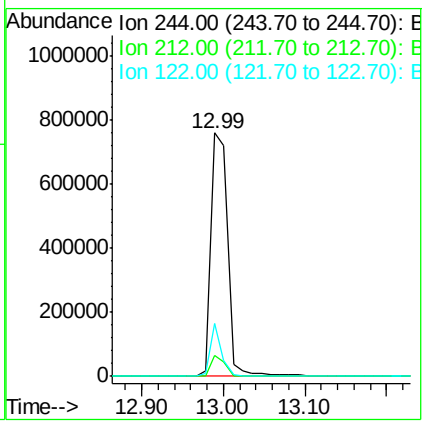


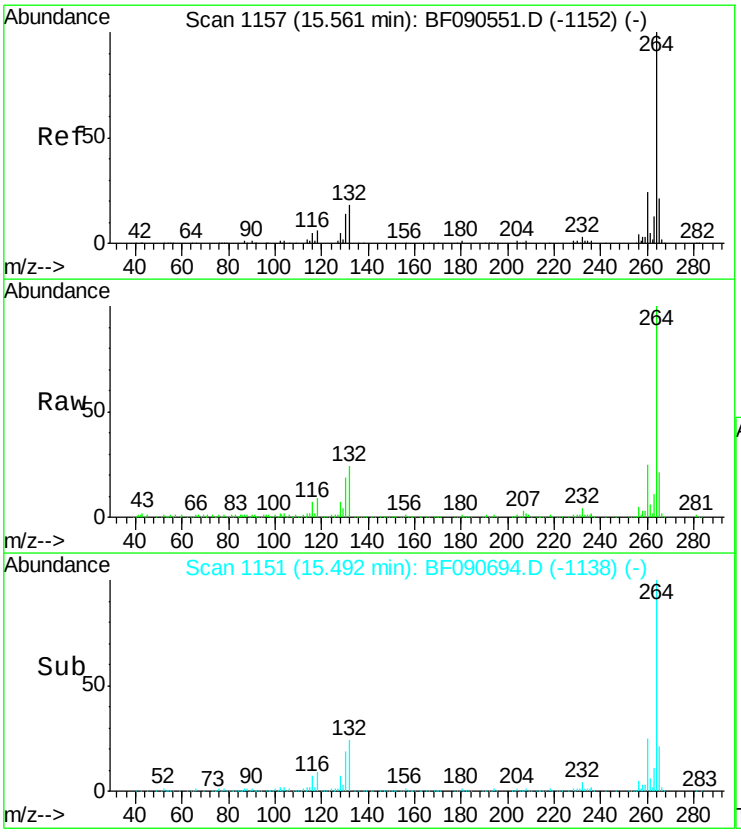
#78
Terphenyl-d14
Concen: 79.82 ng
RT: 12.99 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

Tgt Ion:244 Resp: 1097307

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.0	7.4#
122	21.7	5.6	8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF090694.D
Acq: 20 Oct 2016 20:42

Tgt Ion:264 Resp: 252237

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.5	16.7	25.1