Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080871.D
Acq On : 5 Aug 2015 9:07
Operator : TP/UM
Sample : G3150-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU021-SB-21-10

Quant Time: Aug 05 15:12:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63545	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	236973	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	96931	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	164726	20.00	ng	0.00
75) Chrysene-d12	13.96	240	88714	20.00	ng	0.00
86) Perylene-d12	15.37	264	76736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	536665	127.82	ng	0.01
7) Phenol-d6	6.46	99	864491	157.51	ng	0.01
23) Nitrobenzene-d5	7.39	82	553106	110.00	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	124450	133.14	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	739610	102.74	ng	0.00
78) Terphenyl-d14	12.92	244	439409	89.65	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	153599	21.73	ng	100

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

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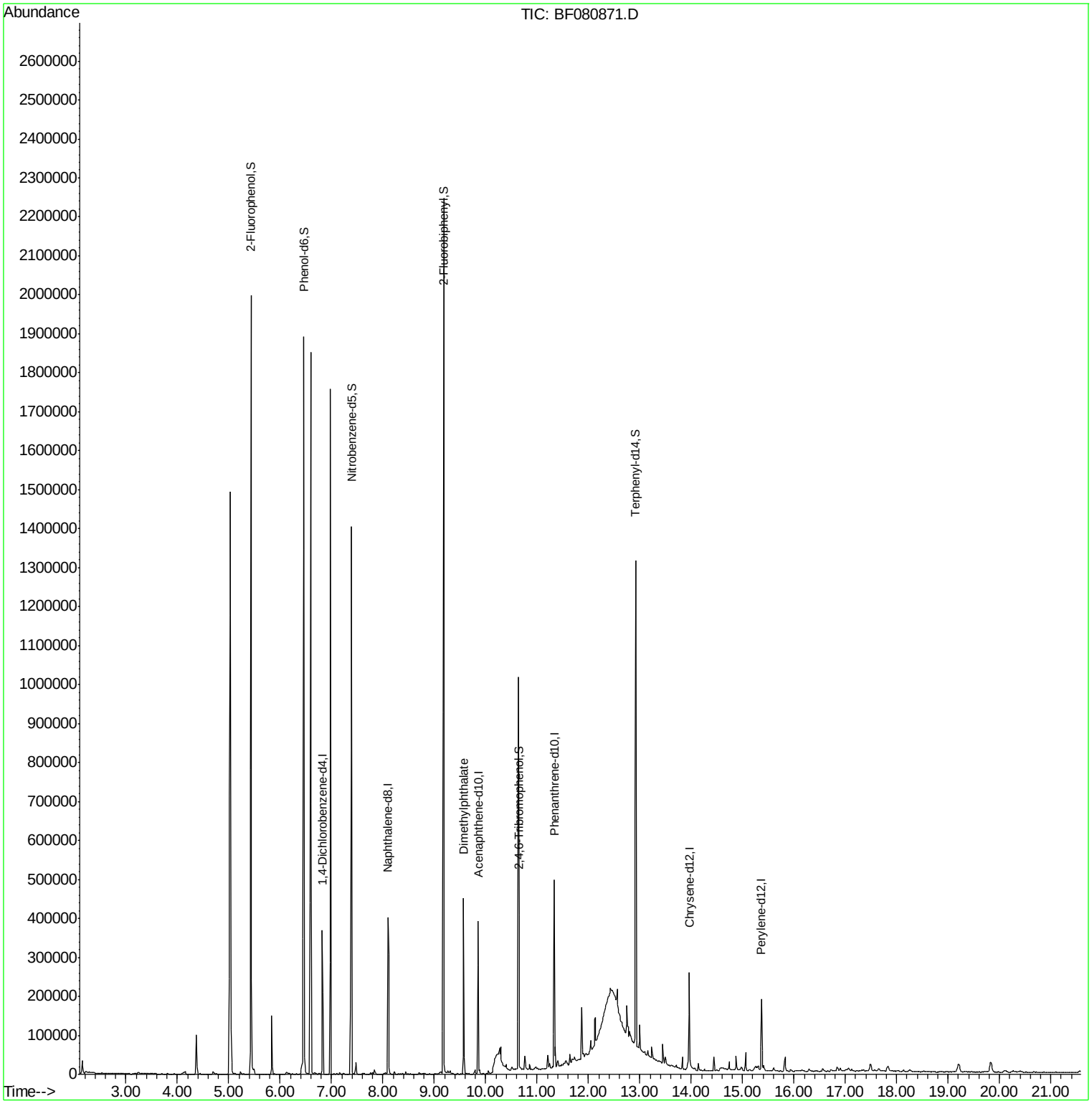
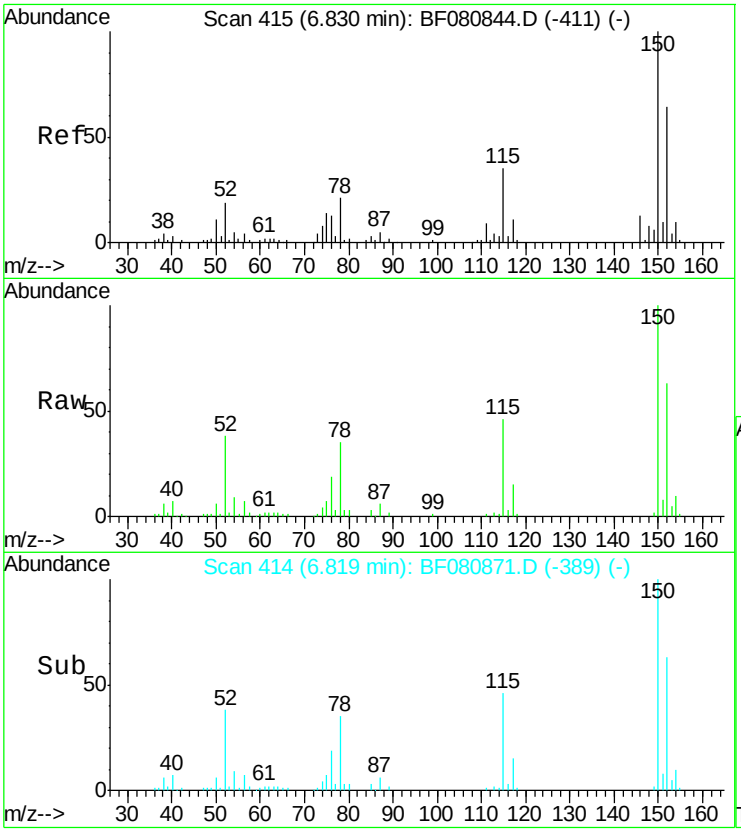


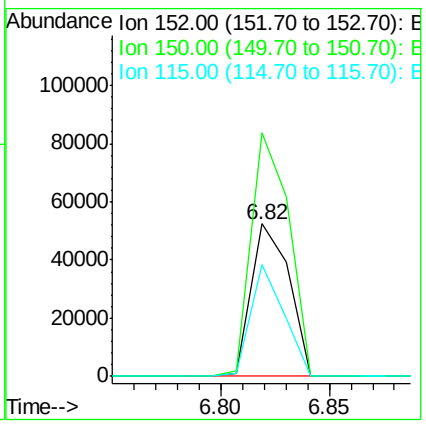


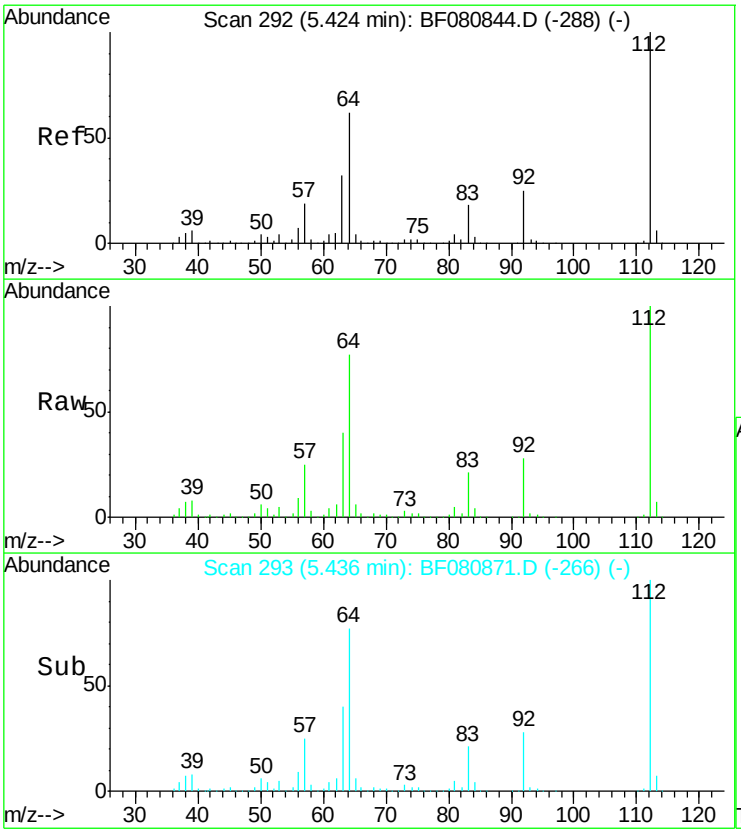
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

Tgt Ion:152 Resp: 63545

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	187.0
115	73.5	44.2	66.4#

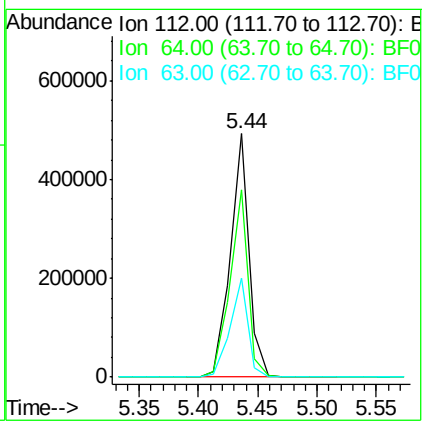


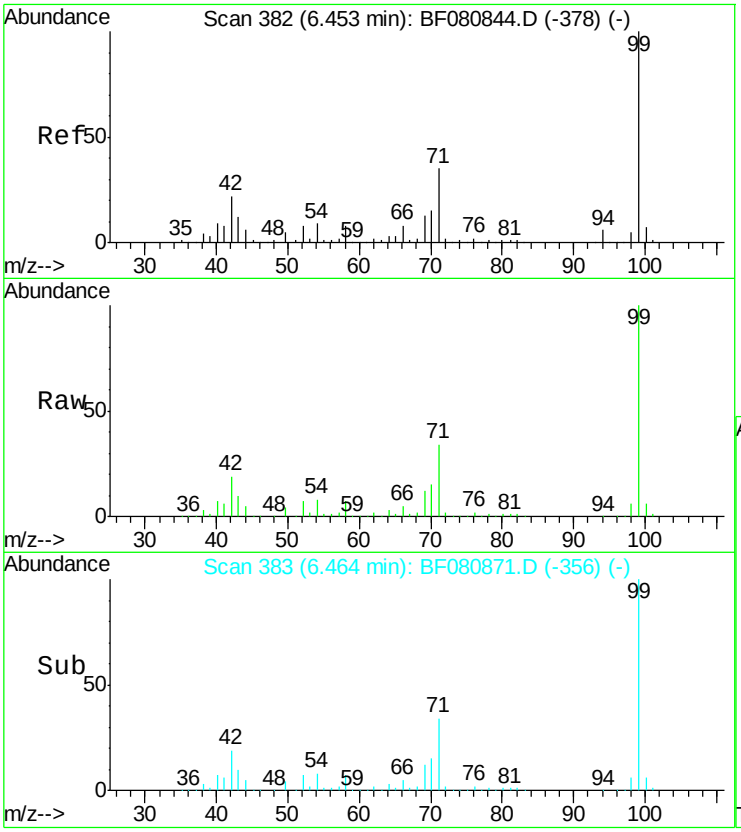


#5
2-Fluorophenol
Concen: 127.82 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Tgt Ion:112 Resp: 536665

Ion	Ratio	Lower	Upper
112	100		
64	77.0	49.5	74.3#
63	40.4	25.3	37.9#



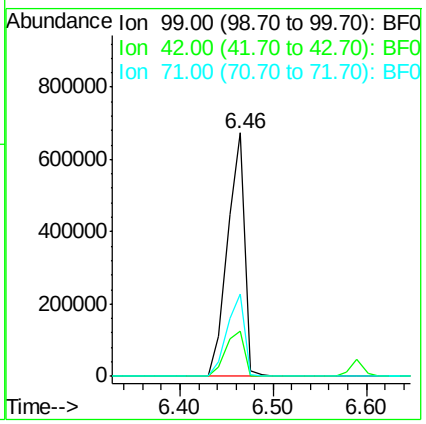


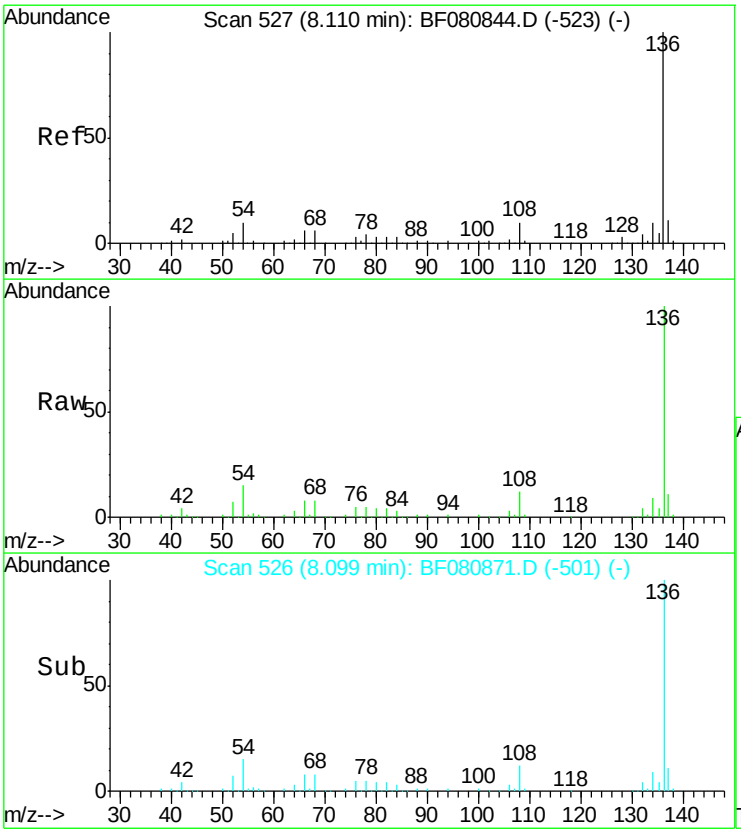
#7
Phenol-d6
Concen: 157.51 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

Tgt Ion: 99 Resp: 864491

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.9	26.9
71	33.6	28.2	42.4

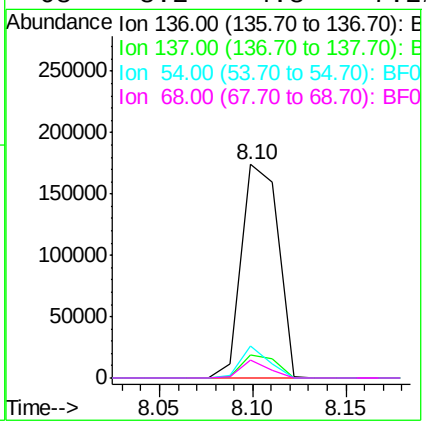


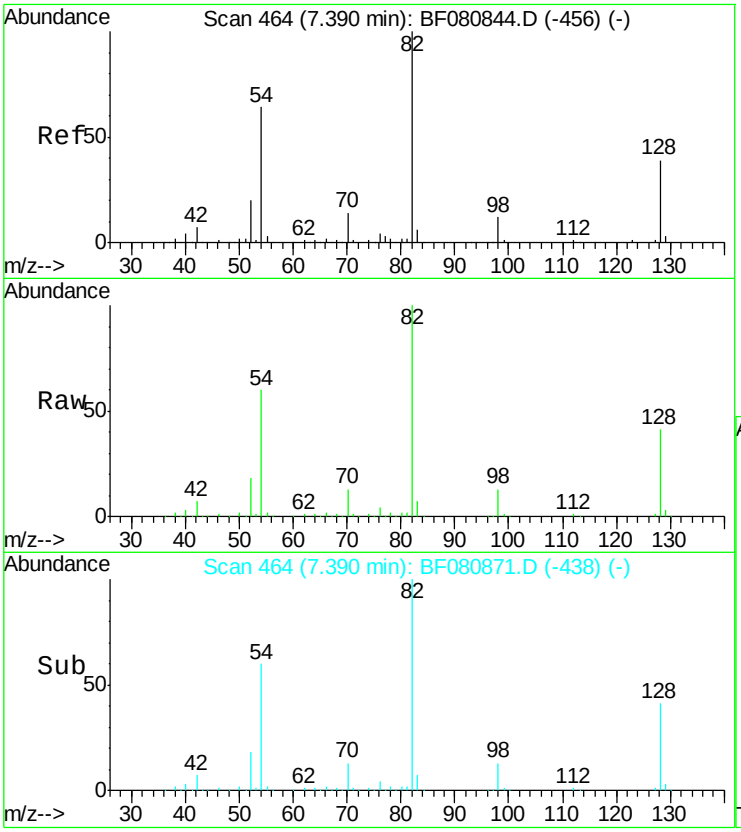


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Tgt Ion:136 Resp: 236973

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	14.9	8.3	12.5#
68	8.2	4.8	7.2#



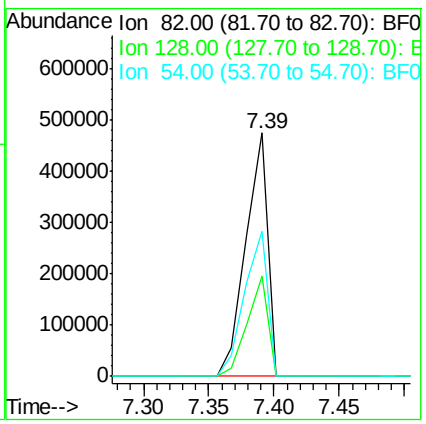


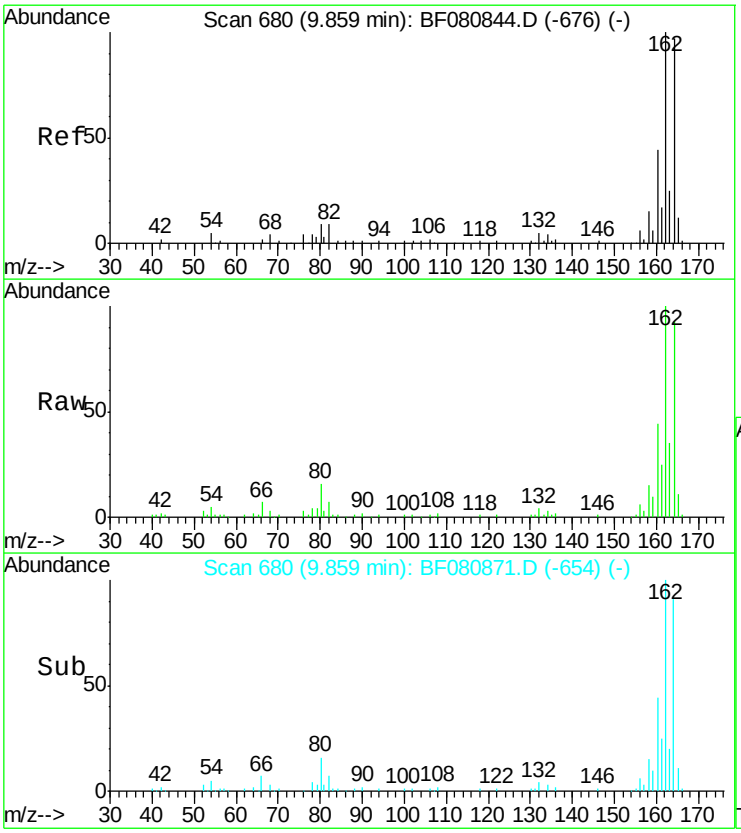
#23
Nitrobenzene-d5
Concen: 110.00 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

Tgt Ion: 82 Resp: 553106

Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.0	46.4
54	59.8	51.0	76.6

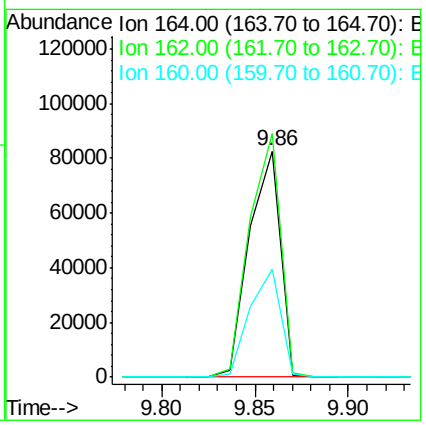


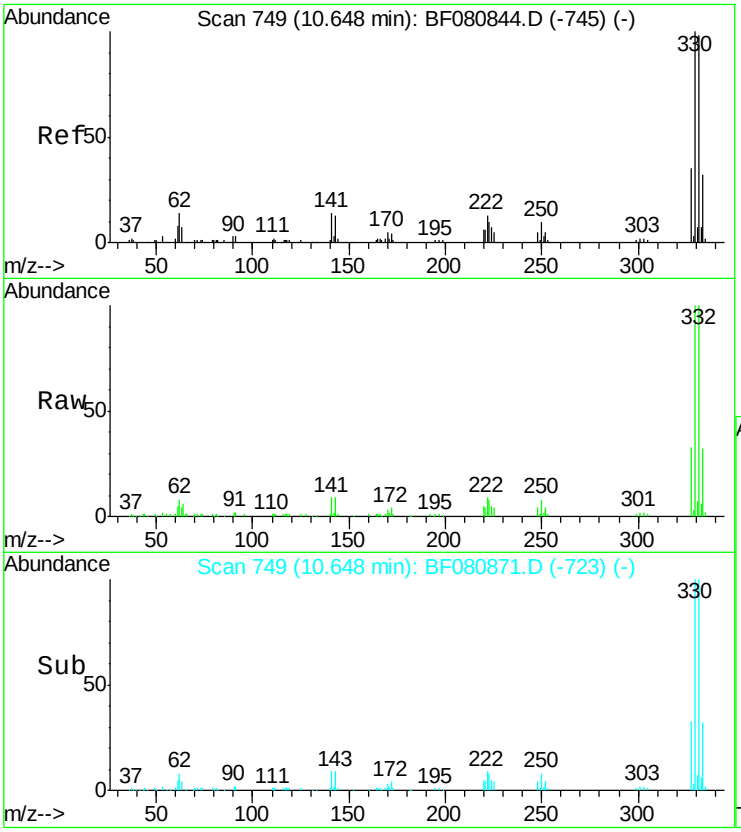


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Tgt Ion:164 Resp: 96931

Ion	Ratio	Lower	Upper
164	100		
162	107.9	82.9	124.3
160	47.8	36.6	54.8



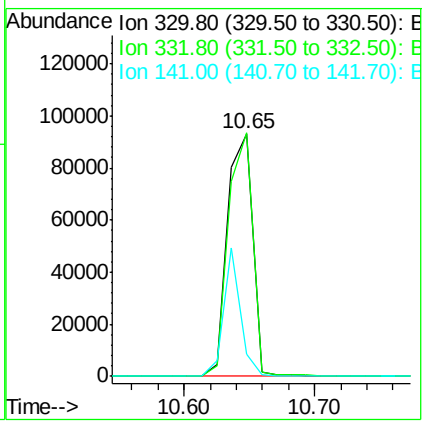


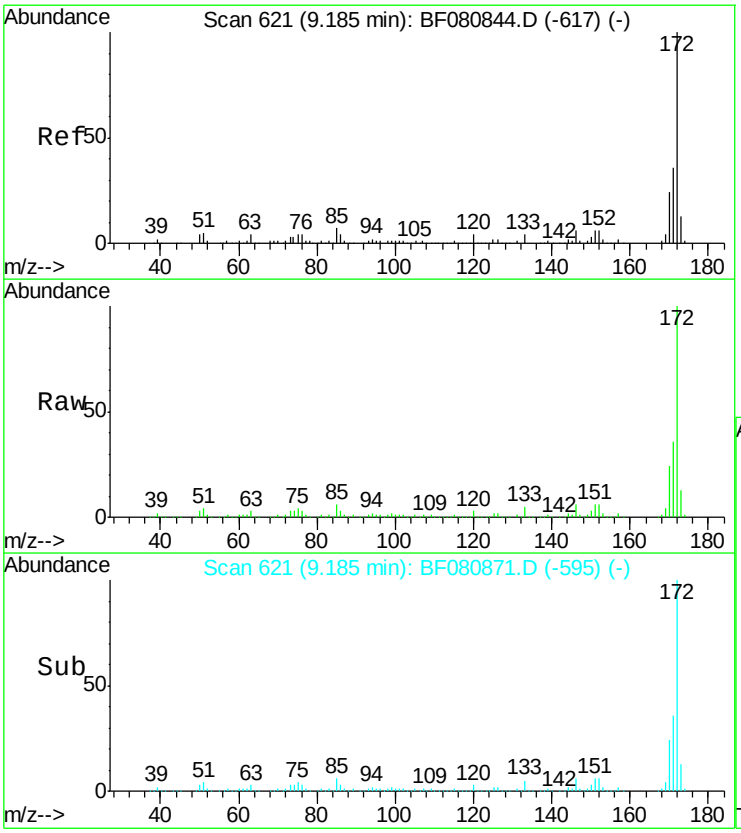
#41
2,4,6-Tribromophenol
Concen: 133.14 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

Tgt Ion:330 Resp: 124450

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.8
141	35.9	28.4	42.6

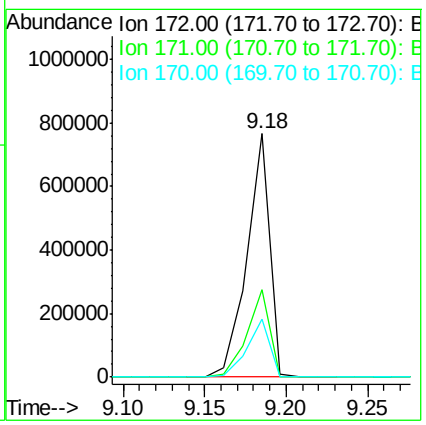


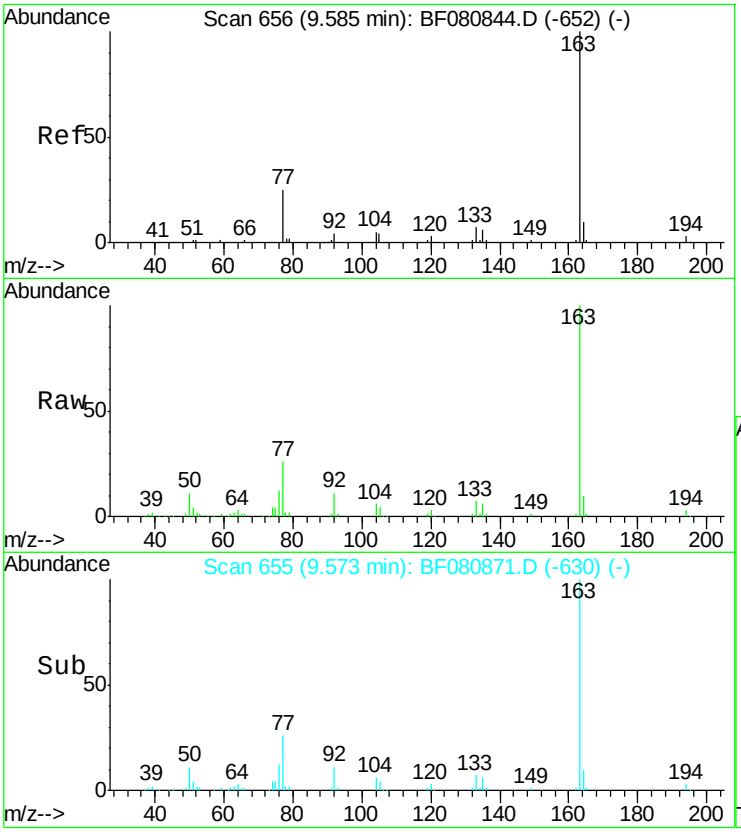


#44
2-Fluorobiphenyl
Concen: 102.74 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Tgt Ion:172 Resp: 739610

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.0	19.4	29.2



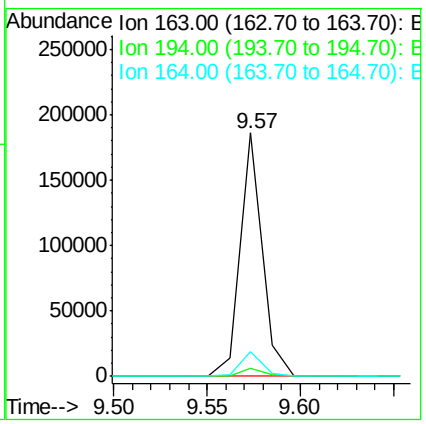


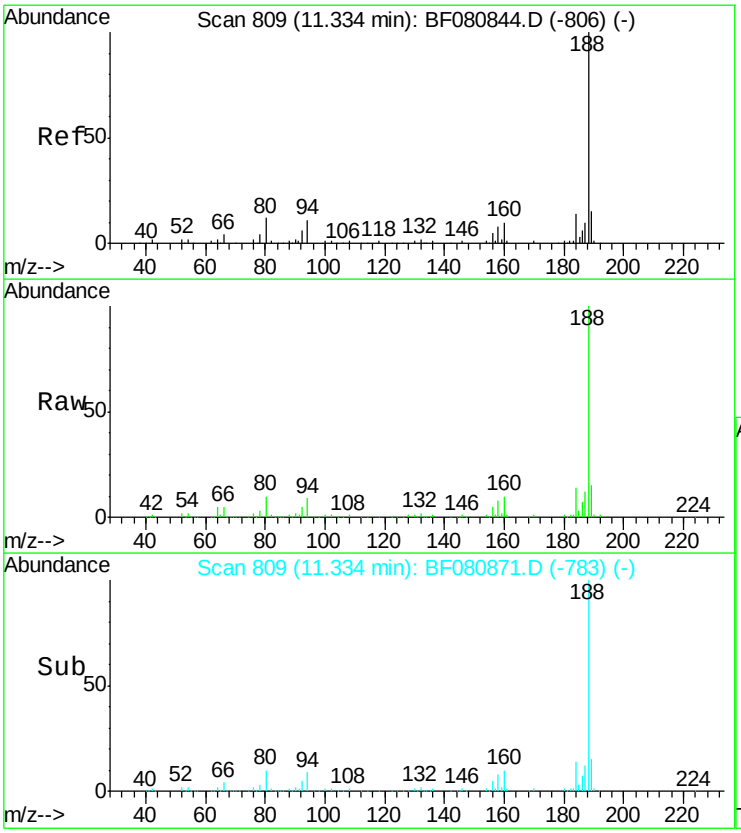
#49
Dimethylphthalate
Concen: 21.73 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

Tgt Ion:163 Resp: 153599

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.3	8.2	12.4

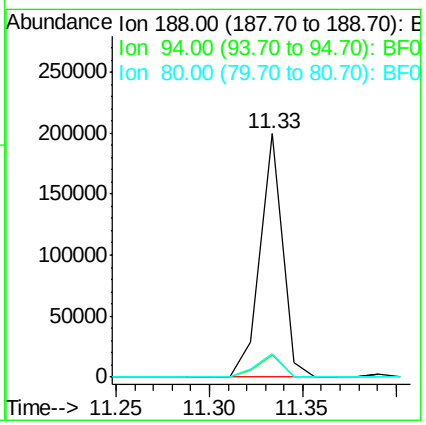


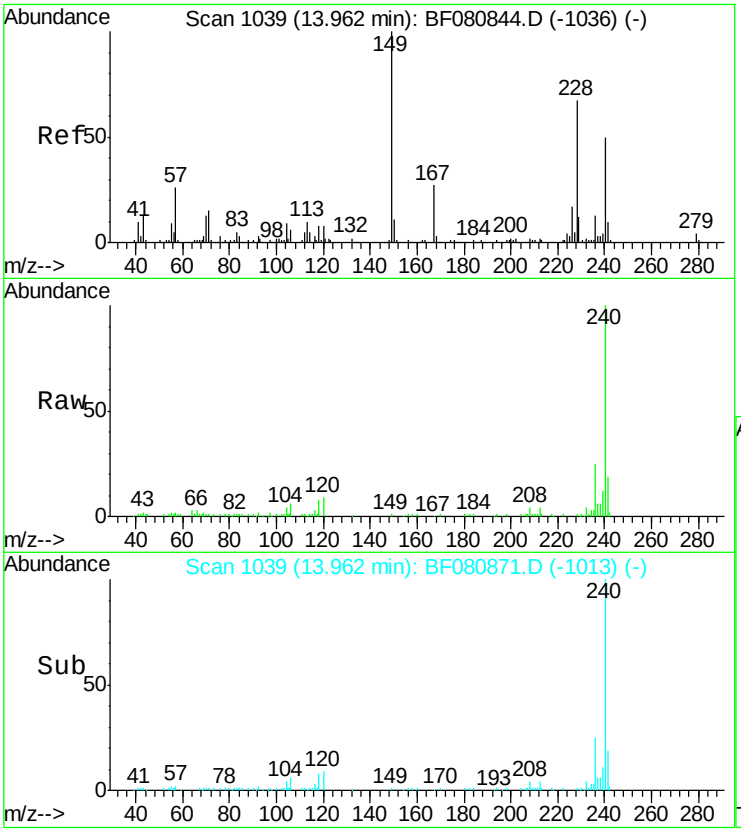


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Tgt Ion:188 Resp: 164726

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	12.8
80	9.8	9.3	13.9



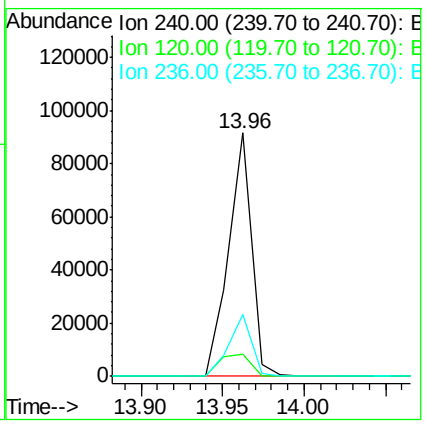


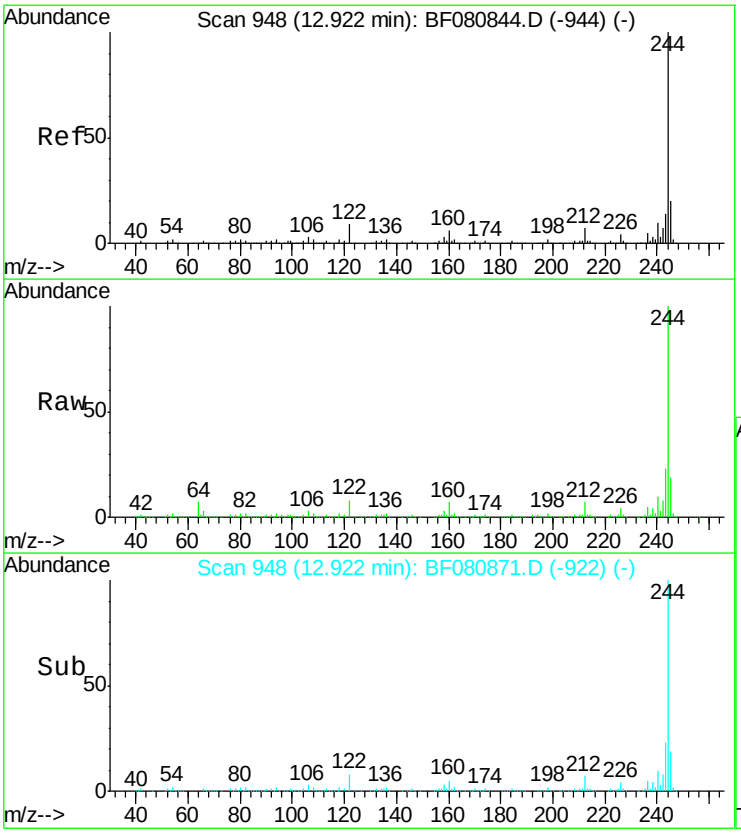
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

Tgt Ion:240 Resp: 88714

Ion	Ratio	Lower	Upper
240	100		
120	9.0	13.0	19.6#
236	25.2	20.7	31.1

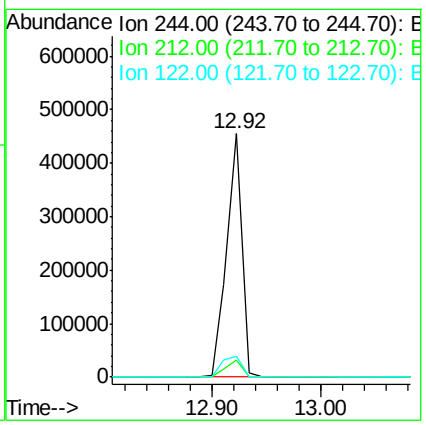


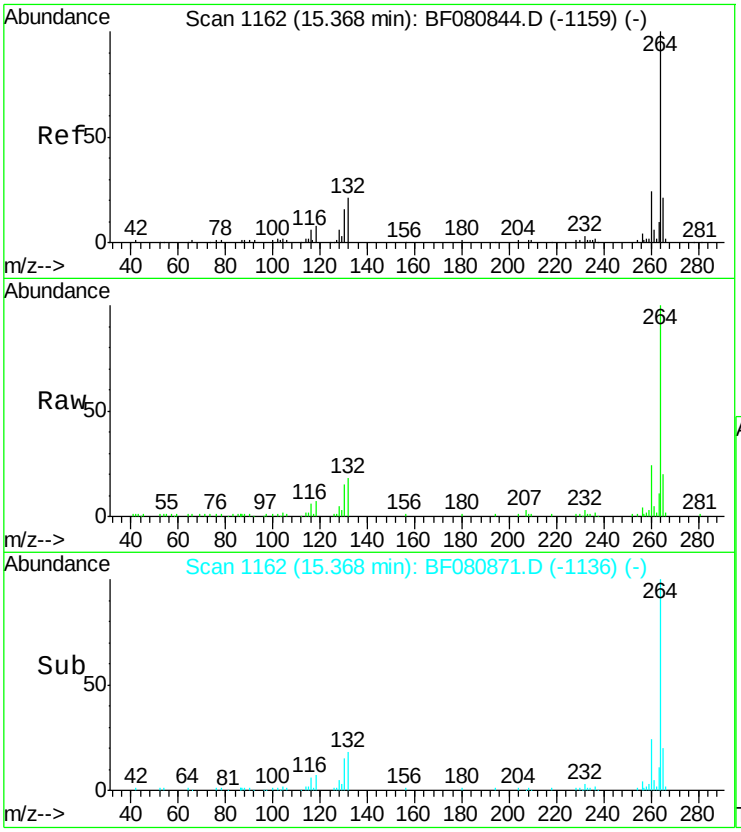


#78
Terphenyl-d14
Concen: 89.65 ng
RT: 12.92 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Tgt Ion:244 Resp: 439409

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	8.4	7.1	10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

Tgt Ion:264 Resp: 76736

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	20.5	16.8	25.2