Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088761.D
Acq On : 7 Jul 2016 4:18
Operator : UM/SJ
Sample : H3879-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2.1-05

Quant Time: Jul 07 07:08:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 01:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	94204	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	386548	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	163376	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	259733	20.00	ng	0.00
75) Chrysene-d12	13.89	240	183323	20.00	ng	0.00
86) Perylene-d12	15.27	264	179046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	621217	98.83	ng	0.01
7) Phenol-d6	6.39	99	695654	85.65	ng	0.00
23) Nitrobenzene-d5	7.31	82	441369	59.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	152809	100.72	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	791828	76.56	ng	0.00
78) Terphenyl-d14	12.85	244	552583	67.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	129707	11.14	ng	98

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

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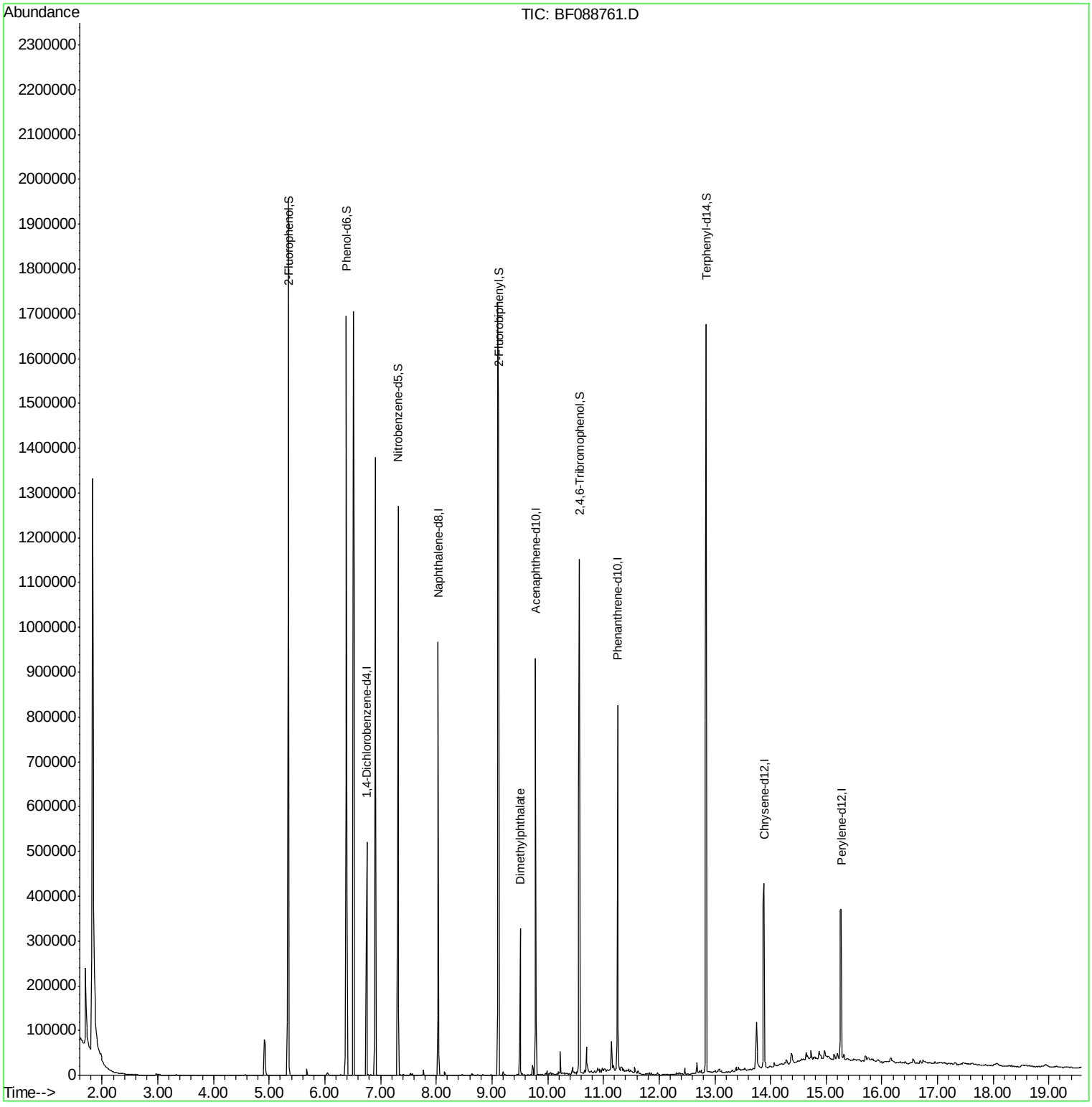
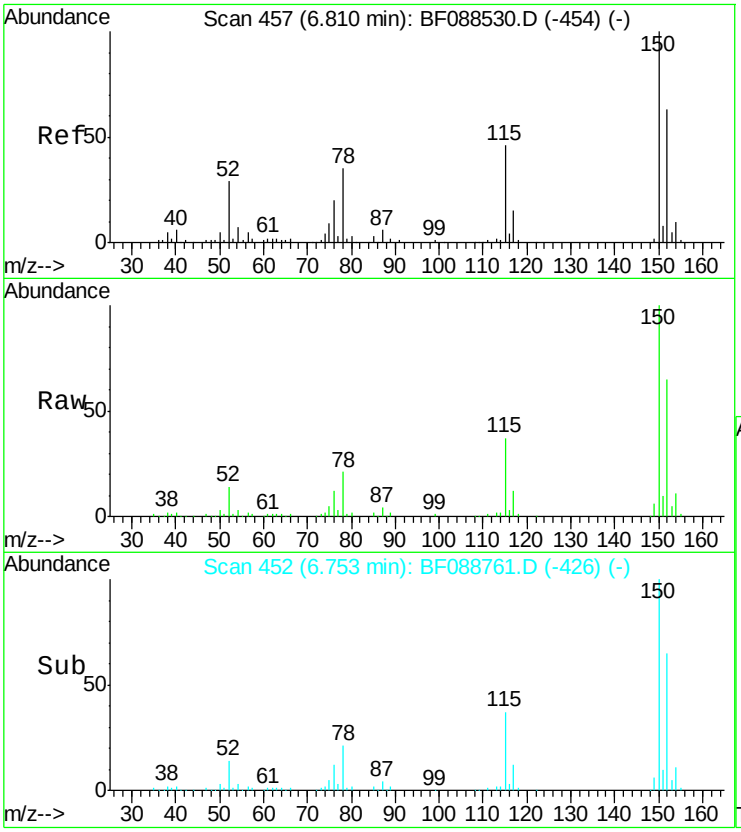


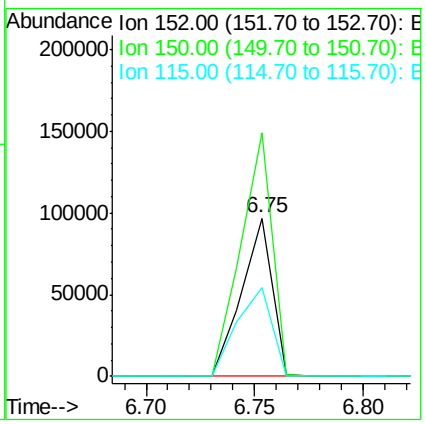


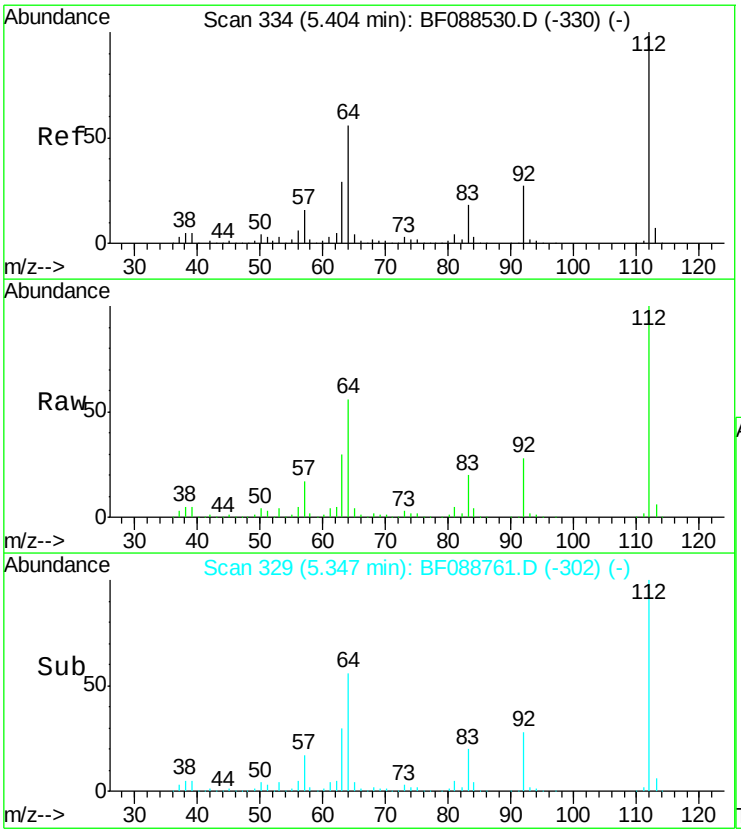
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion:152 Resp: 94204

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	56.5	39.6	59.4

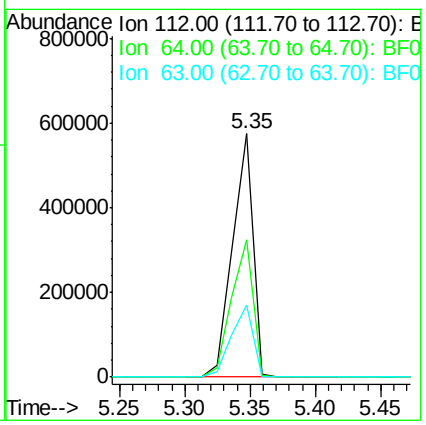


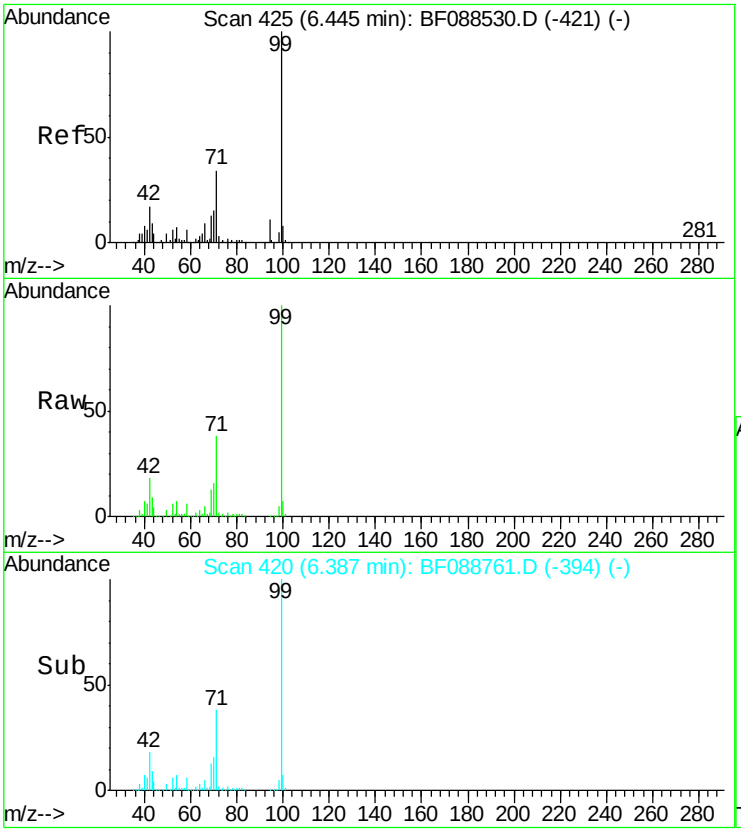


#5
2-Fluorophenol
Concen: 98.83 ng
RT: 5.35 min Scan# 329
Delta R.T. 0.01 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Tgt Ion:112 Resp: 621217

Ion	Ratio	Lower	Upper
112	100		
64	56.3	42.2	63.2
63	29.8	21.8	32.8



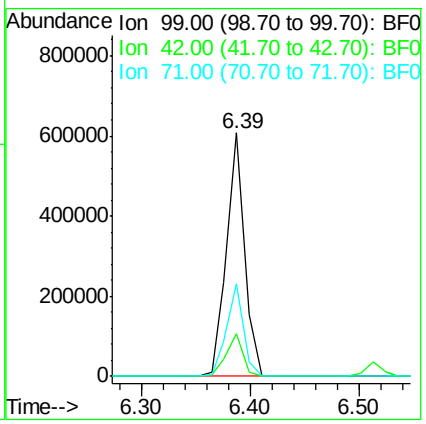


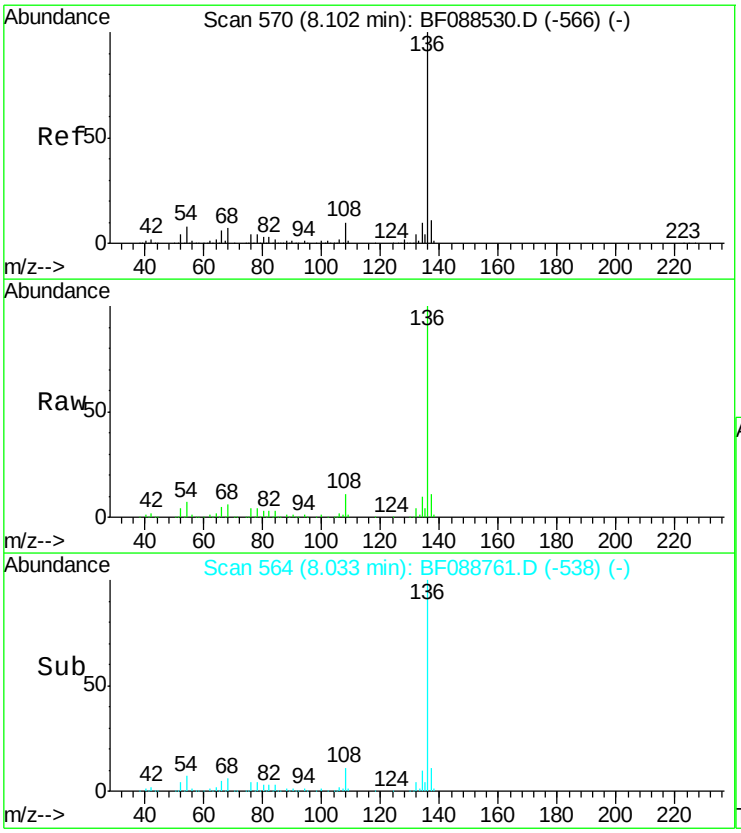
#7
Phenol-d6
Concen: 85.65 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion: 99 Resp: 695654

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	37.9	23.4	35.0#

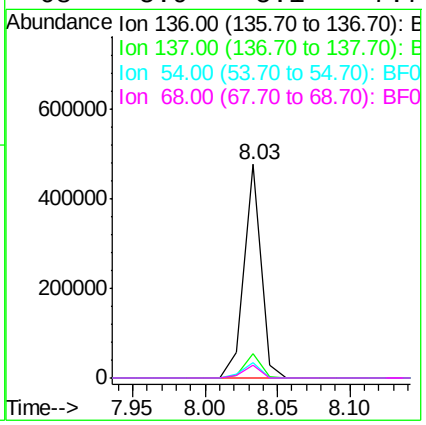


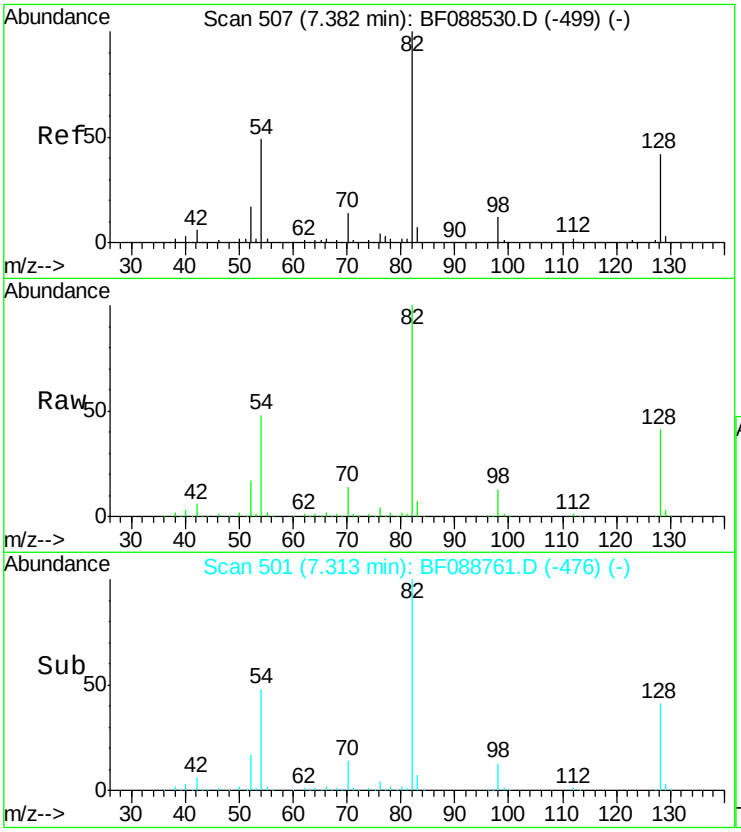


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Tgt Ion:136 Resp: 386548

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.3	6.6	10.0
68	5.9	5.1	7.7



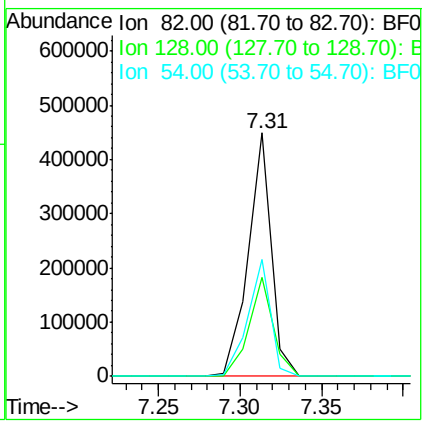


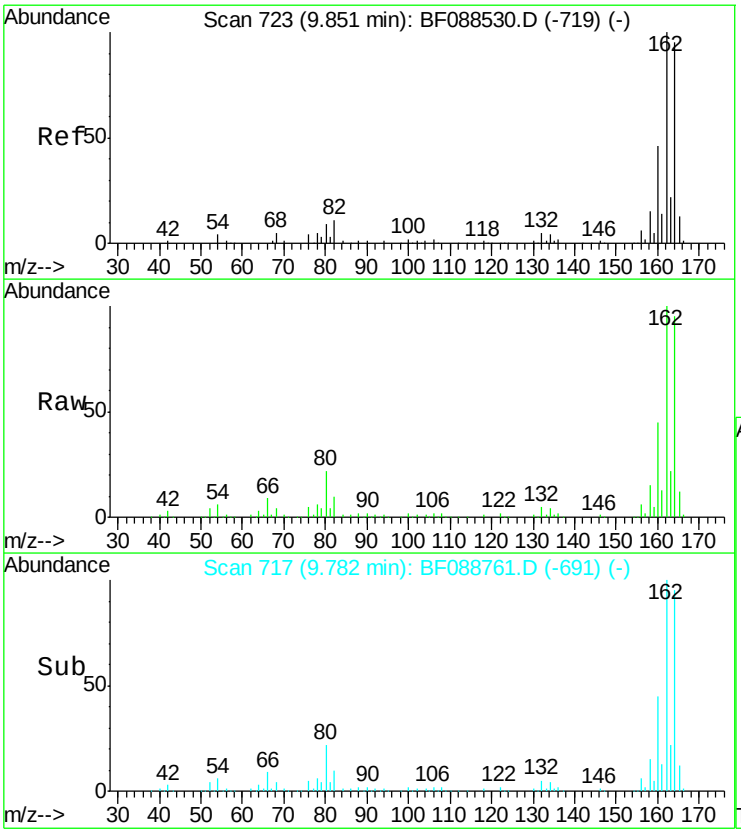
#23
Nitrobenzene-d5
Concen: 59.84 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion: 82 Resp: 441369

Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.9	53.9
54	48.0	40.9	61.3

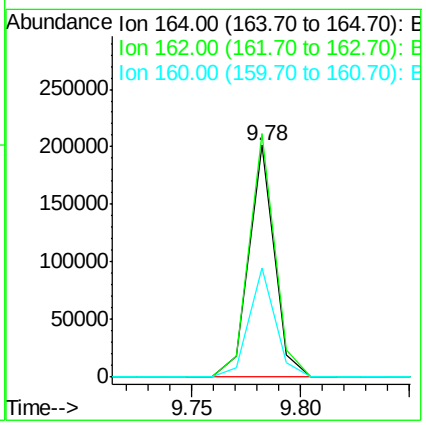


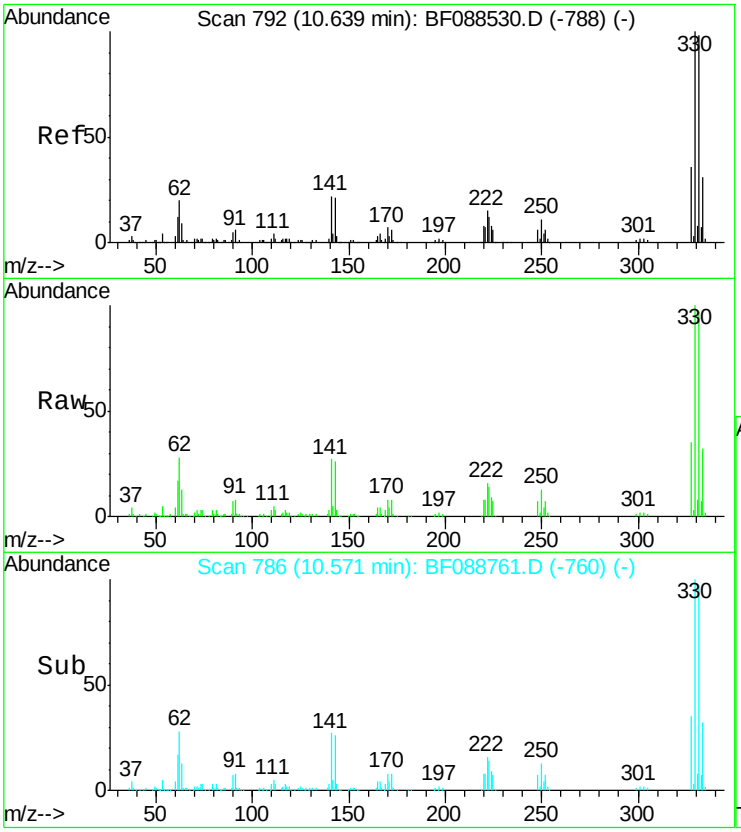


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Tgt Ion:164 Resp: 163376

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.4	128.2
160	47.2	39.5	59.3



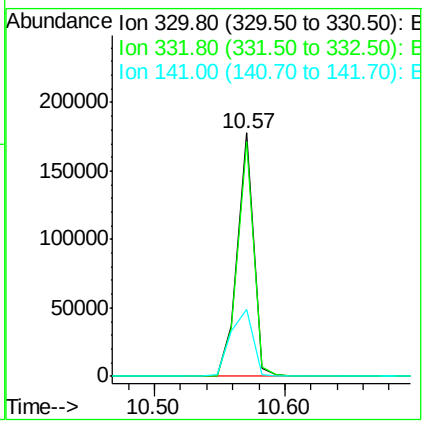


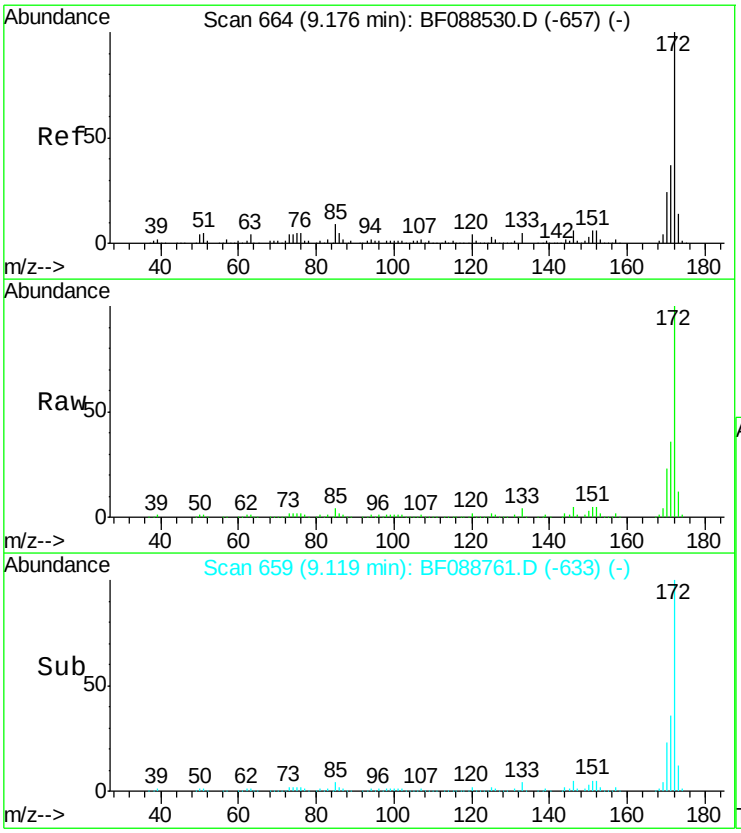
#41
2,4,6-Tribromophenol
Concen: 100.72 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion:330 Resp: 152809

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	37.8	0.0	0.0#

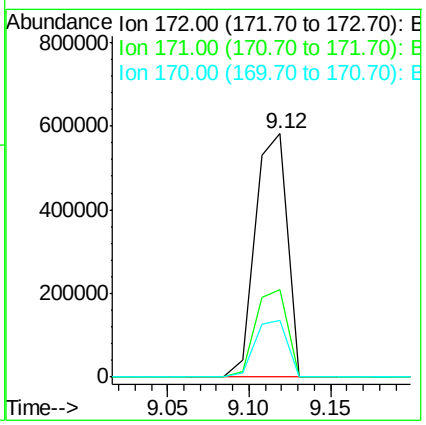


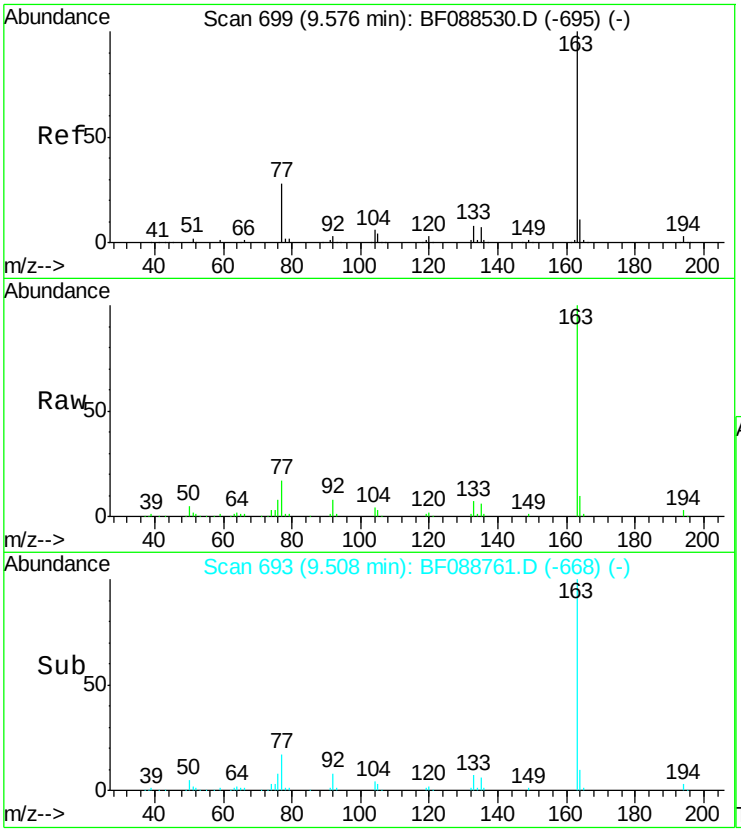


#44
2-Fluorobiphenyl
Concen: 76.56 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Tgt Ion:172 Resp: 791828

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.5	19.2	28.8



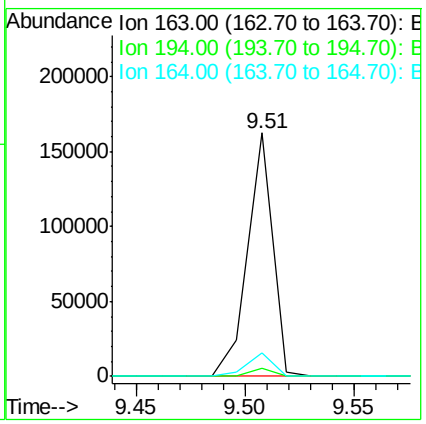


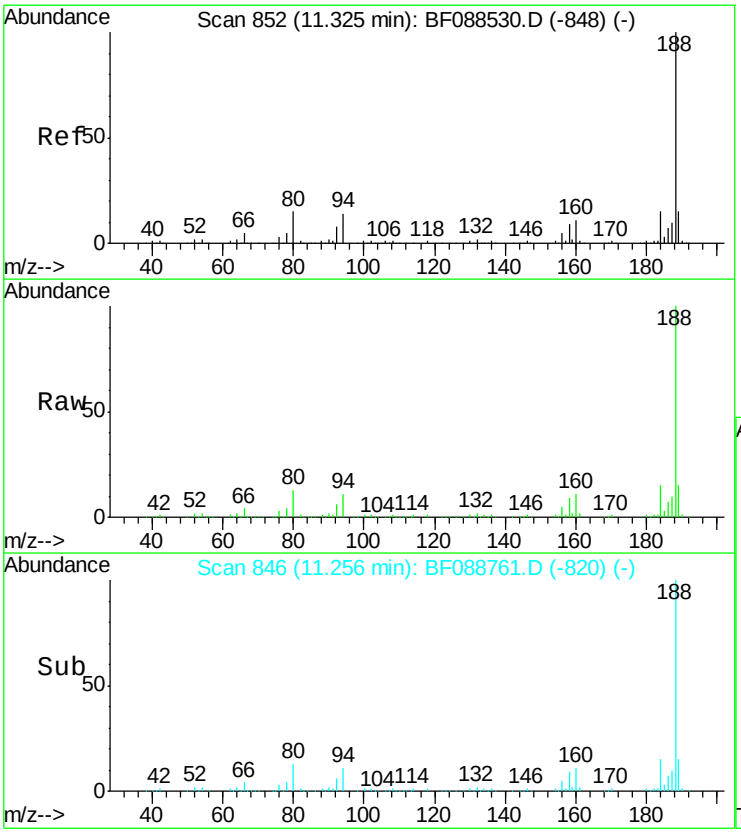
#49
Dimethylphthalate
Concen: 11.14 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion:163 Resp: 129707

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.6	8.3	12.5

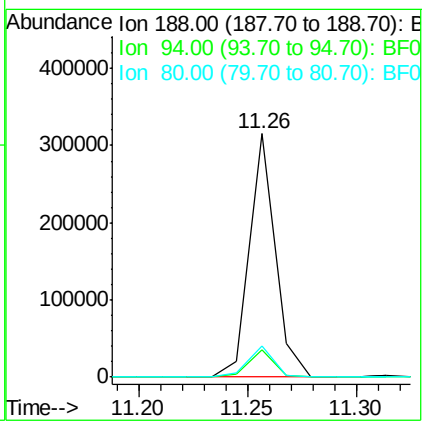


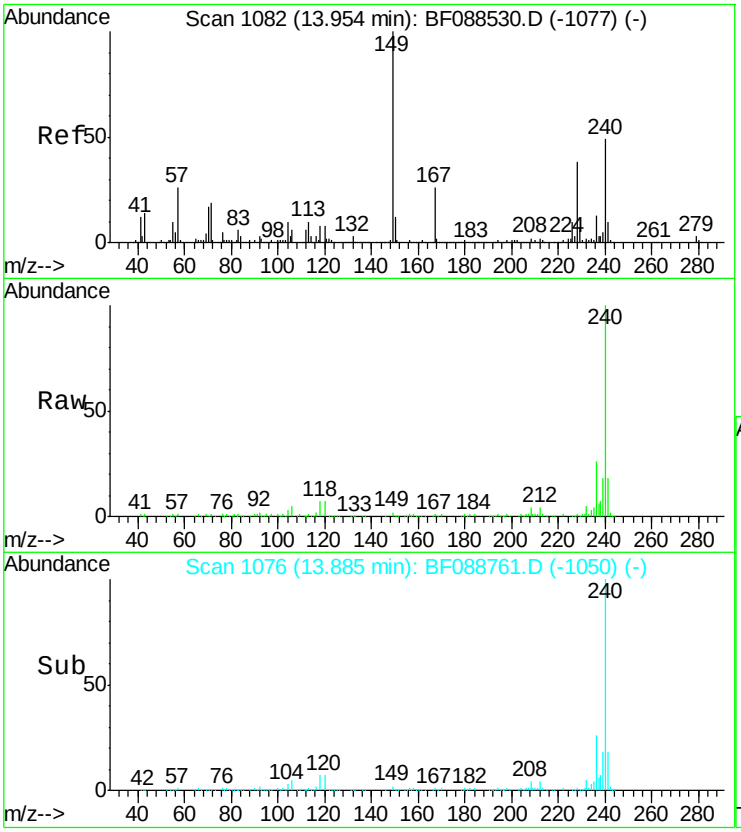


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Tgt Ion:188 Resp: 259733

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.6
80	12.8	10.0	15.0



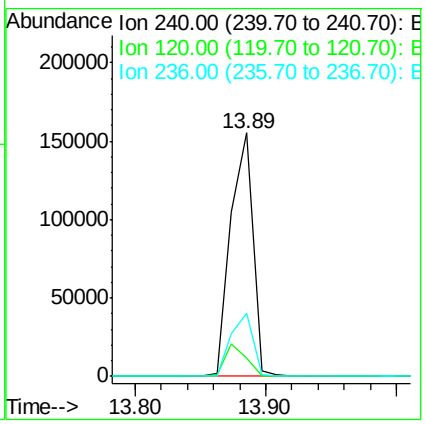


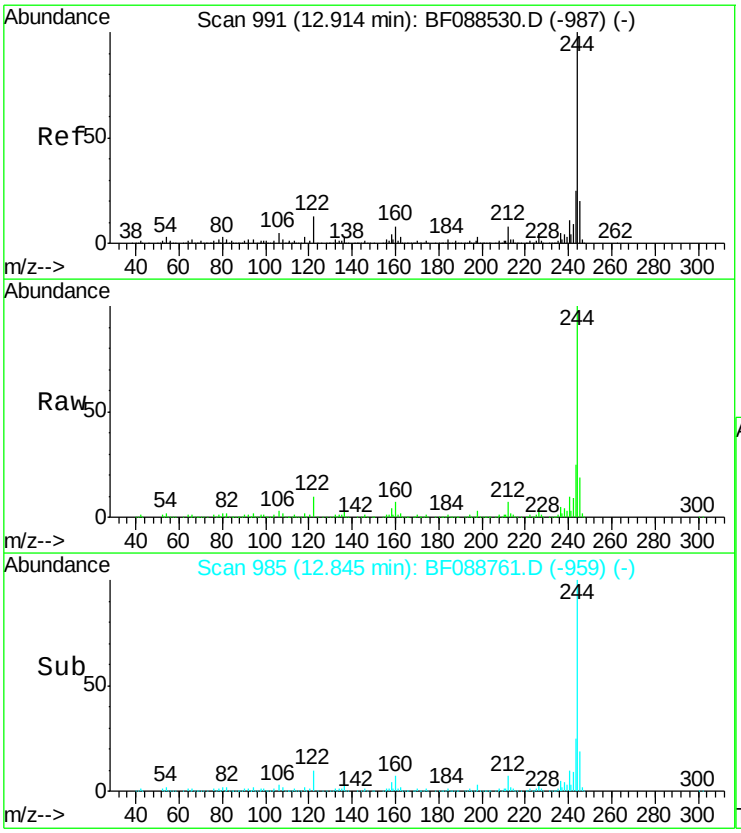
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion:240 Resp: 183323

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	26.0	20.2	30.2

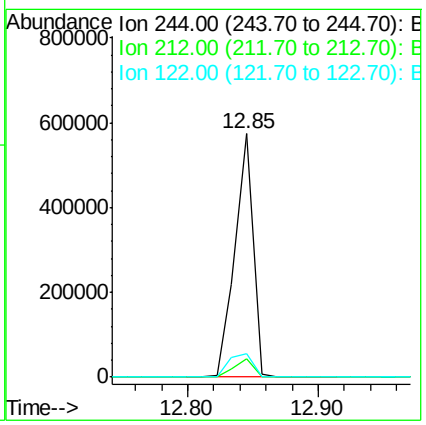


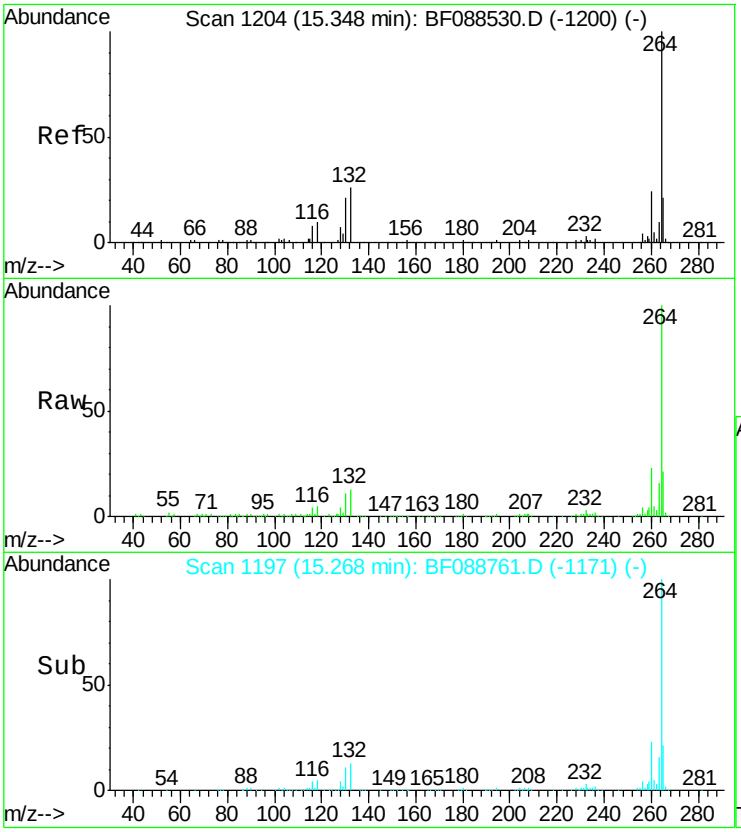


#78
Terphenyl-d14
Concen: 67.14 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Tgt Ion:244 Resp: 552583

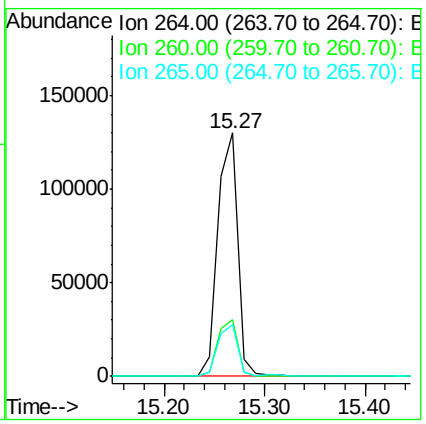
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.7	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF088761.D
Acq: 7 Jul 2016 4:18

Instrument :
BNA_F
ClientSampleId :
C2.1-05

Tgt Ion:264 Resp: 179046

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	16.9	25.3