Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088746.D
Acq On : 6 Jul 2016 21:00
Operator : UM/SJ
Sample : H3880-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2.2-07

Quant Time: Jul 07 01:06:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	88664	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	401175	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	200925	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	388134	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	293236	20.00	ng	-0.05
86) Perylene-d12	15.26	264	237948	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	351798	59.47	ng	-0.03
7) Phenol-d6	6.38	99	485430	63.50	ng	-0.03
23) Nitrobenzene-d5	7.31	82	365334	47.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	61731	33.09	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	595193	46.79	ng	-0.03
78) Terphenyl-d14	12.83	244	598656	45.47	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	47794	9.31	ng	# 68
49) Dimethylphthalate	9.51	163	114935	8.03	ng	98
56) 2,4-Dinitrotoluene	9.78	165	25303	6.10	ng	# 38

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

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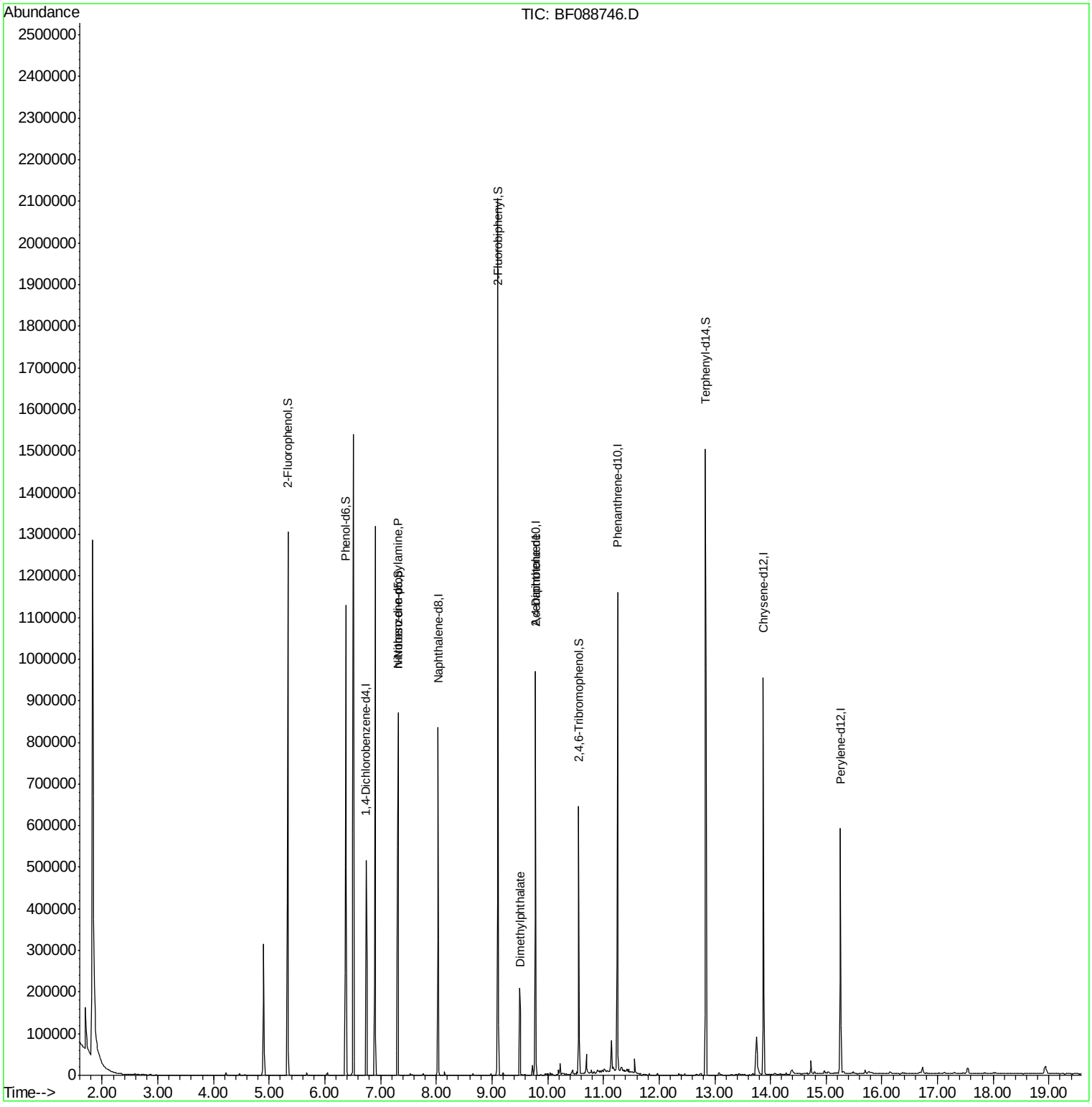
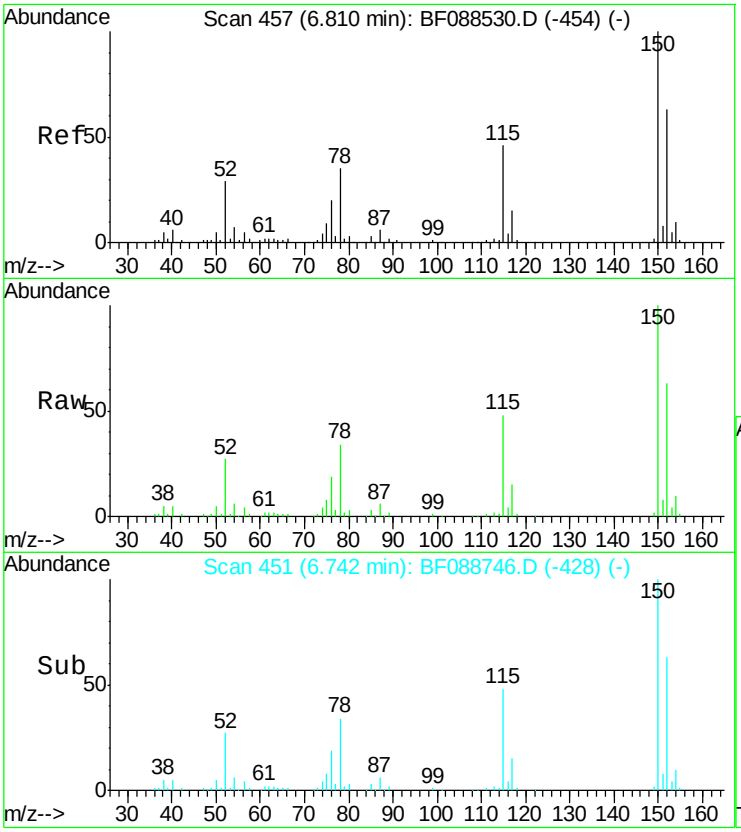


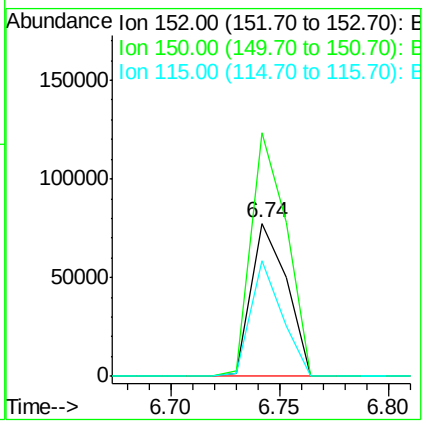


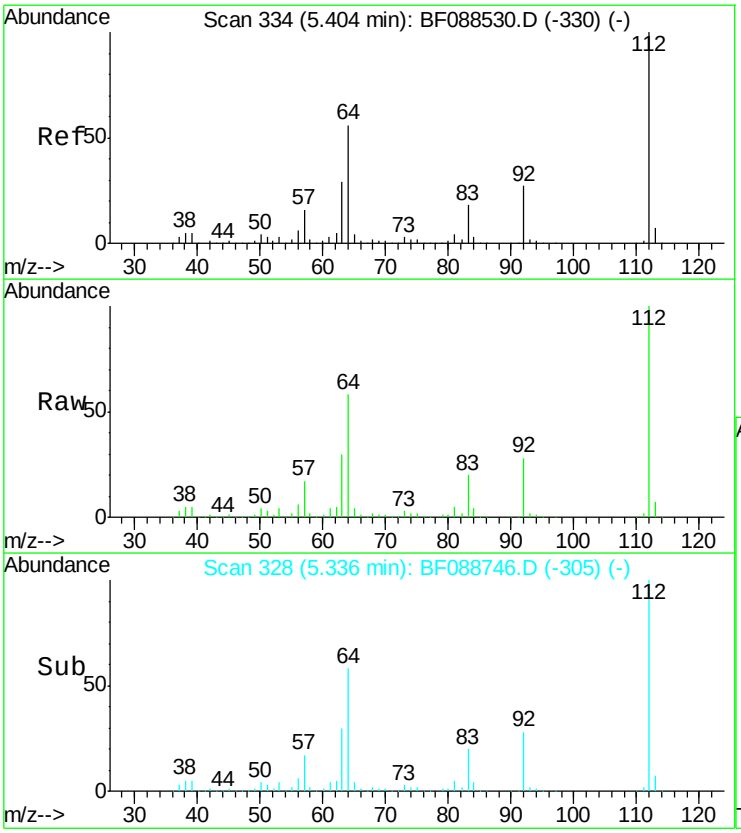
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:152 Resp: 88664

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	75.6	39.6	59.4#

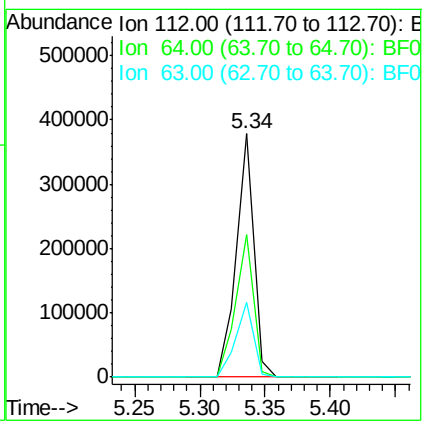


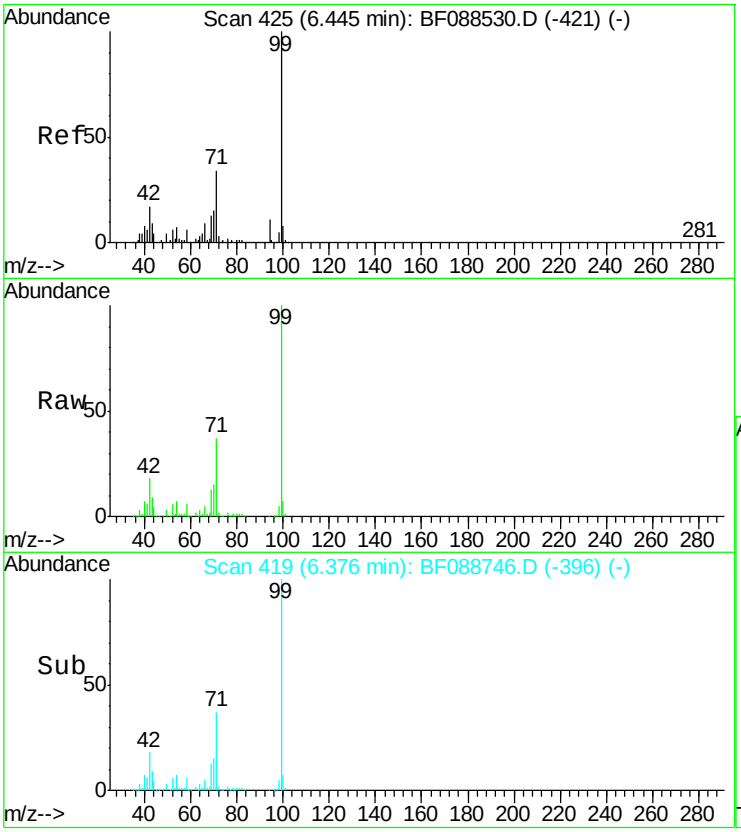


#5
2-Fluorophenol
Concen: 59.47 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion:112 Resp: 351798

Ion	Ratio	Lower	Upper
112	100		
64	58.3	42.2	63.2
63	30.5	21.8	32.8



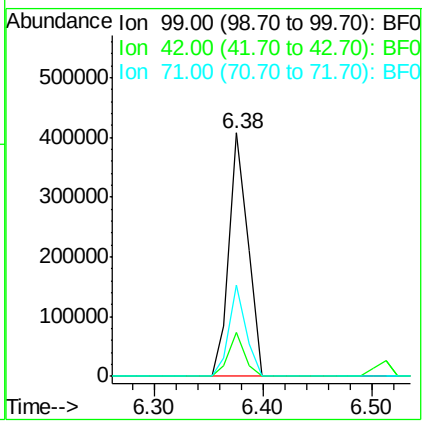


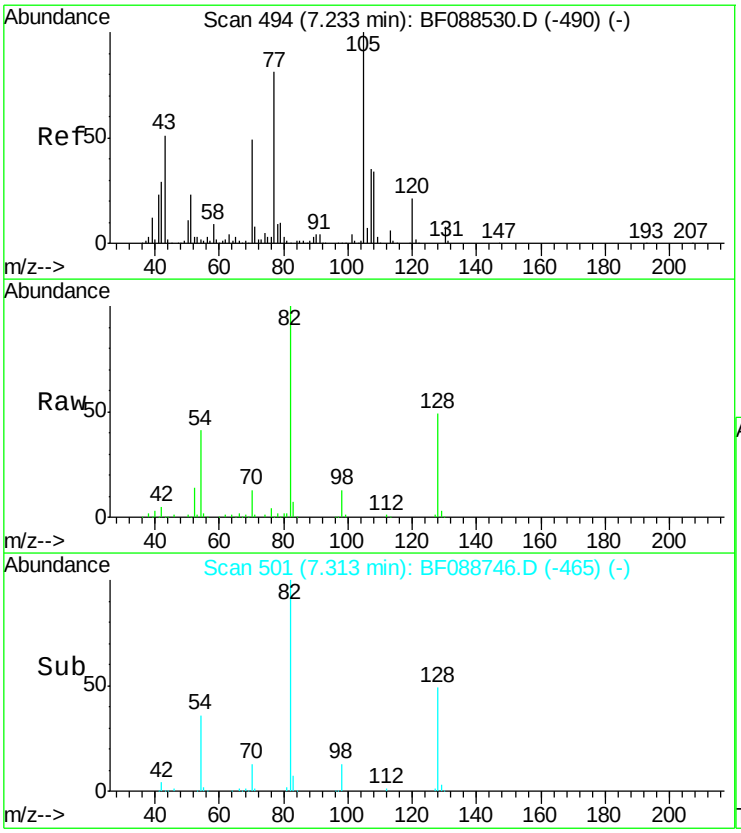
#7
Phenol-d6
Concen: 63.50 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion: 99 Resp: 485430

Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.2	18.2
71	37.5	23.4	35.0#

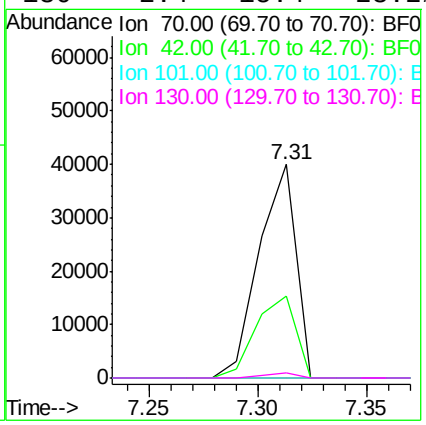


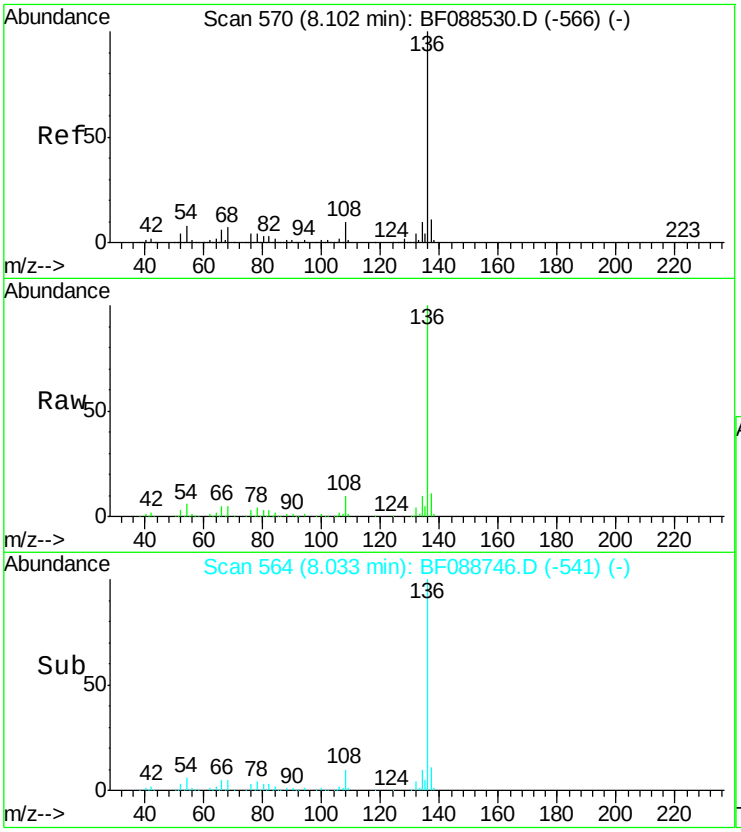


#19
n-Nitroso-di-n-propylamine
Concen: 9.31 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.11 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion: 70 Resp: 47794

Ion	Ratio	Lower	Upper
70	100		
42	38.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



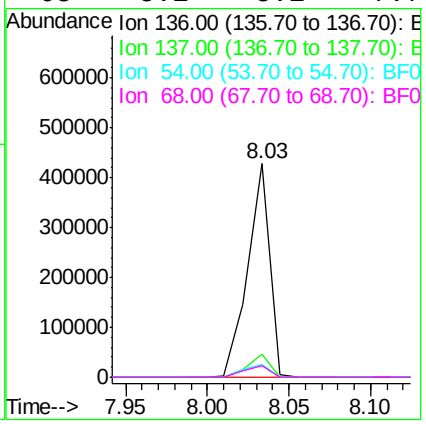


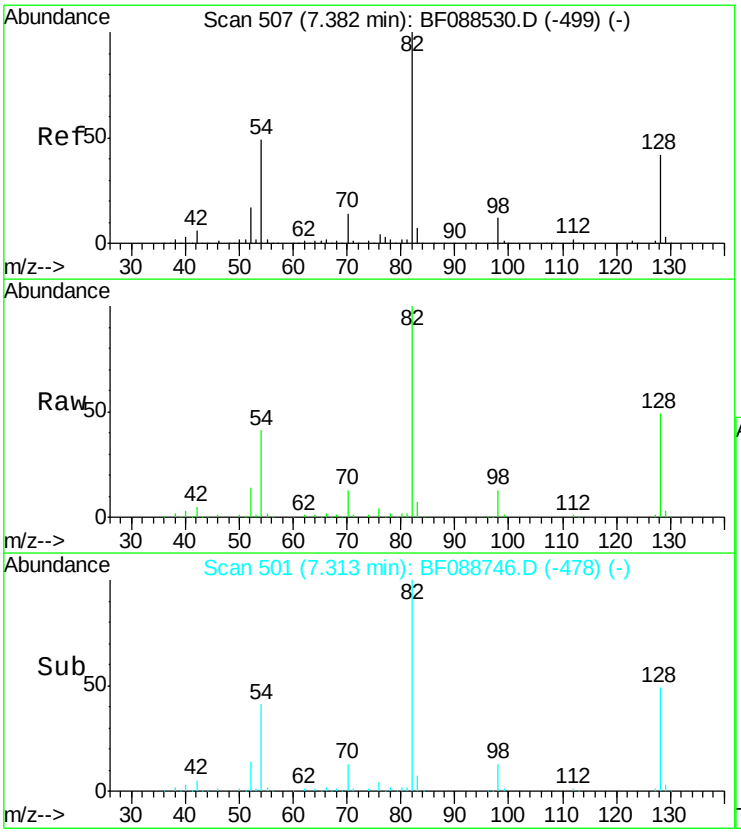
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:136 Resp: 401175

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	6.6	10.0#
68	5.1	5.1	7.7

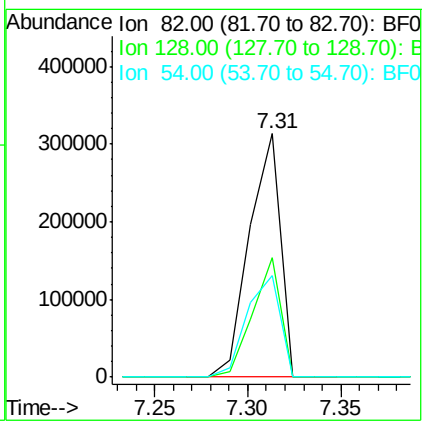


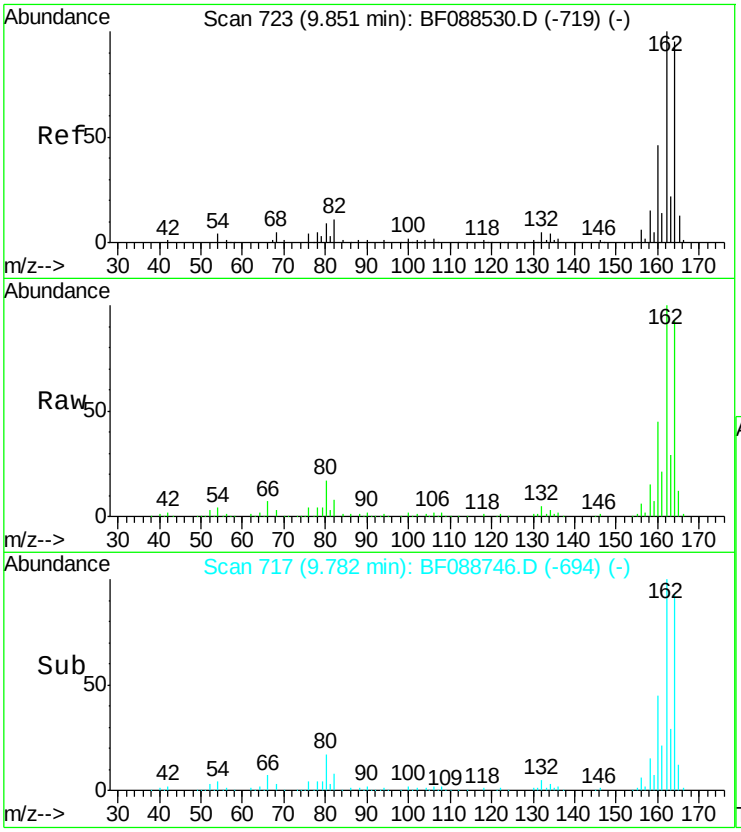


#23
Nitrobenzene-d5
Concen: 47.72 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion: 82 Resp: 365334

Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.9	53.9
54	41.5	40.9	61.3



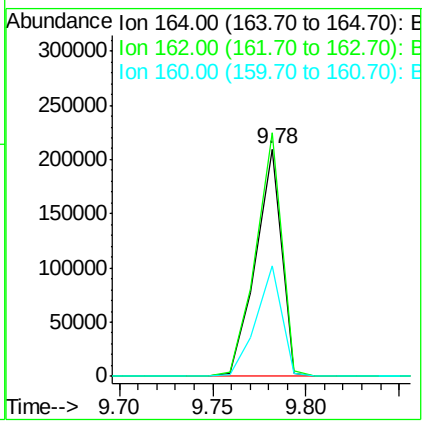


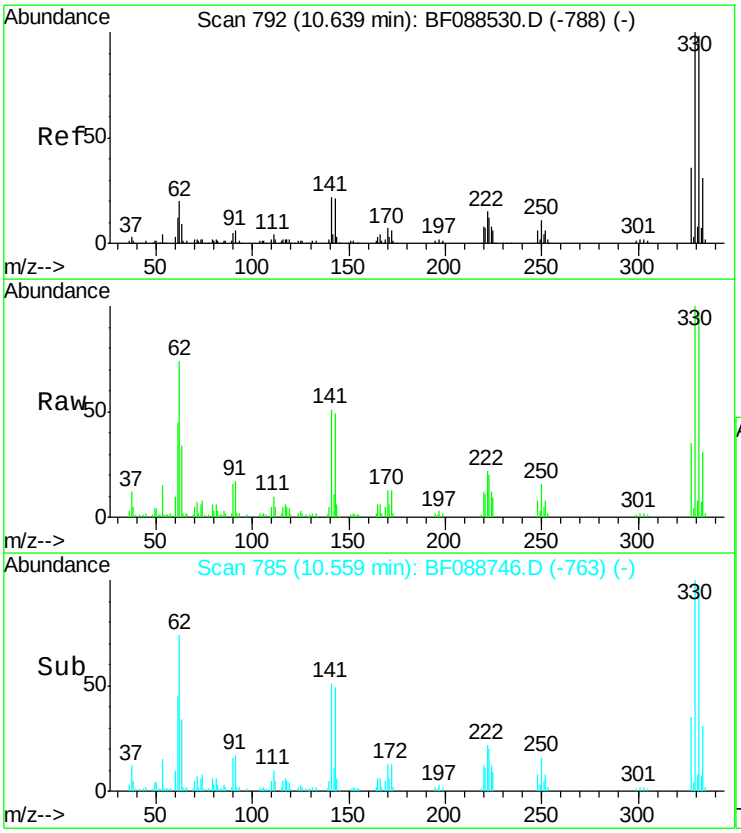
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:164 Resp: 200925

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.4	128.2
160	48.6	39.5	59.3

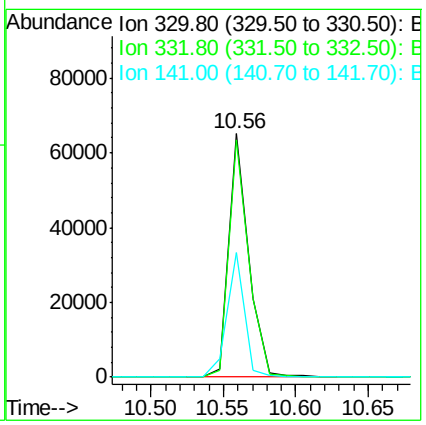


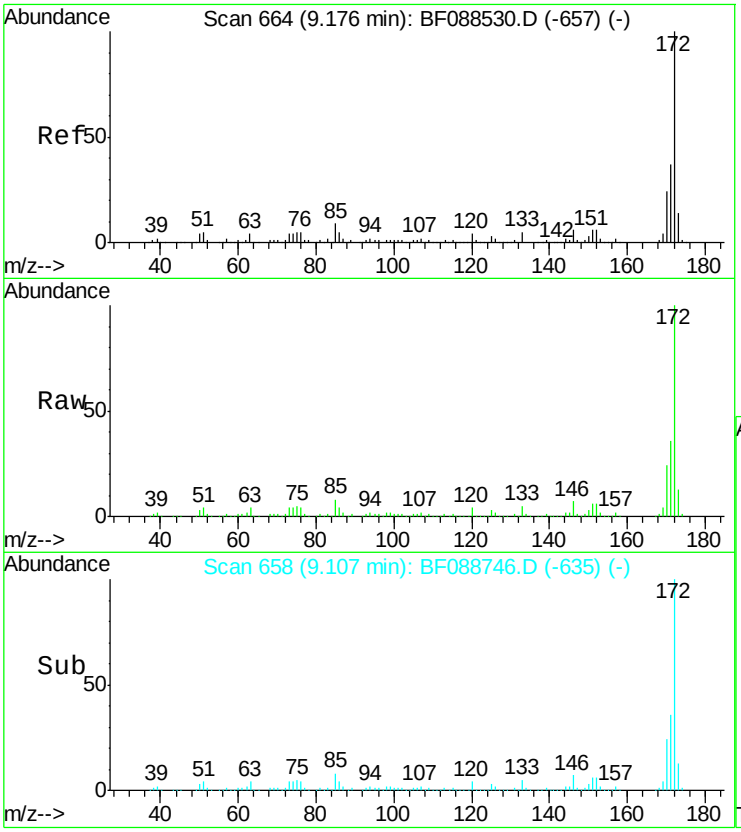


#41
2,4,6-Tribromophenol
Concen: 33.09 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion:330 Resp: 61731

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	44.7	0.0	0.0#



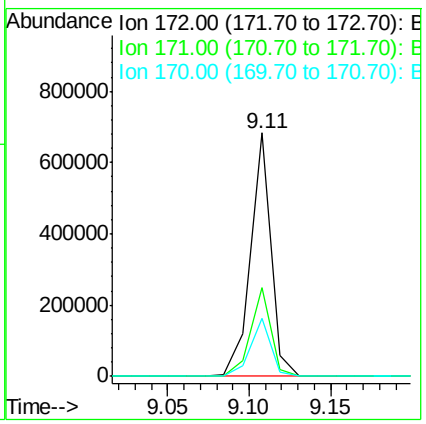


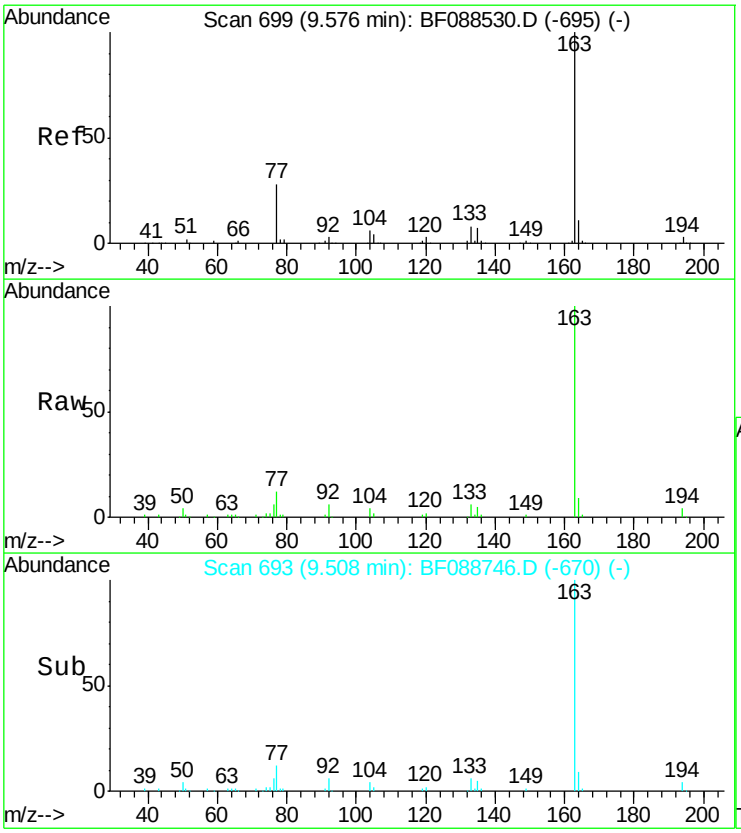
#44
2-Fluorobiphenyl
Concen: 46.79 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:172 Resp: 595193

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.0	19.2	28.8

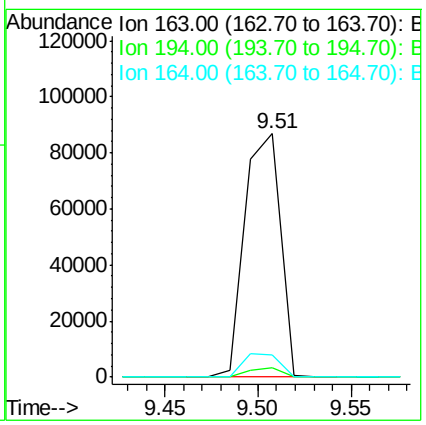


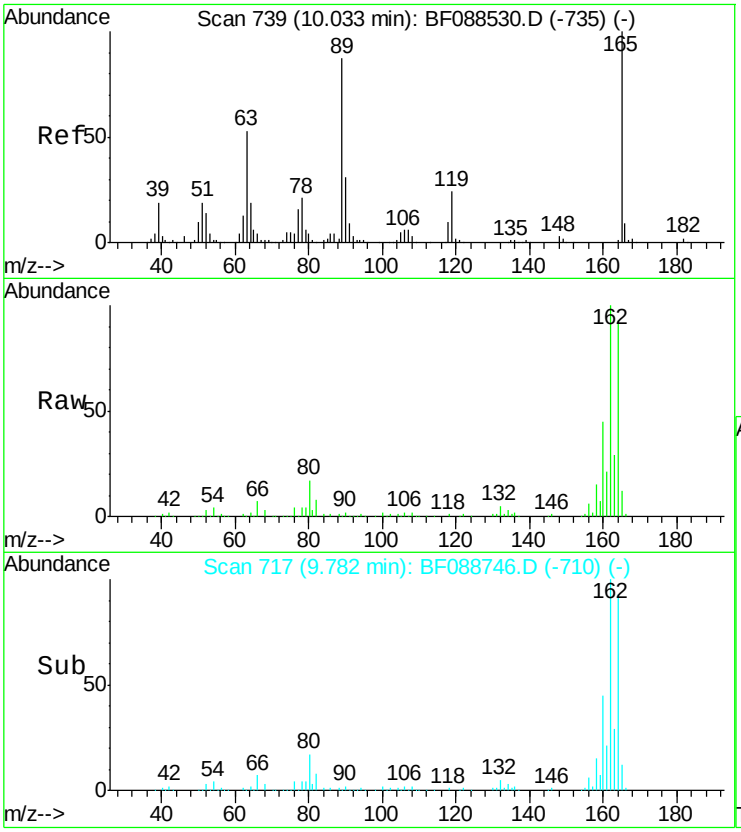


#49
Dimethylphthalate
Concen: 8.03 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion:163 Resp: 114935

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.3	8.3	12.5



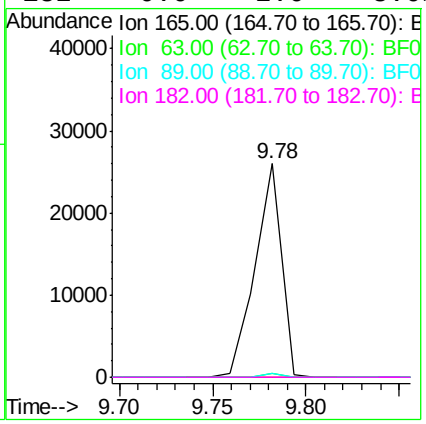


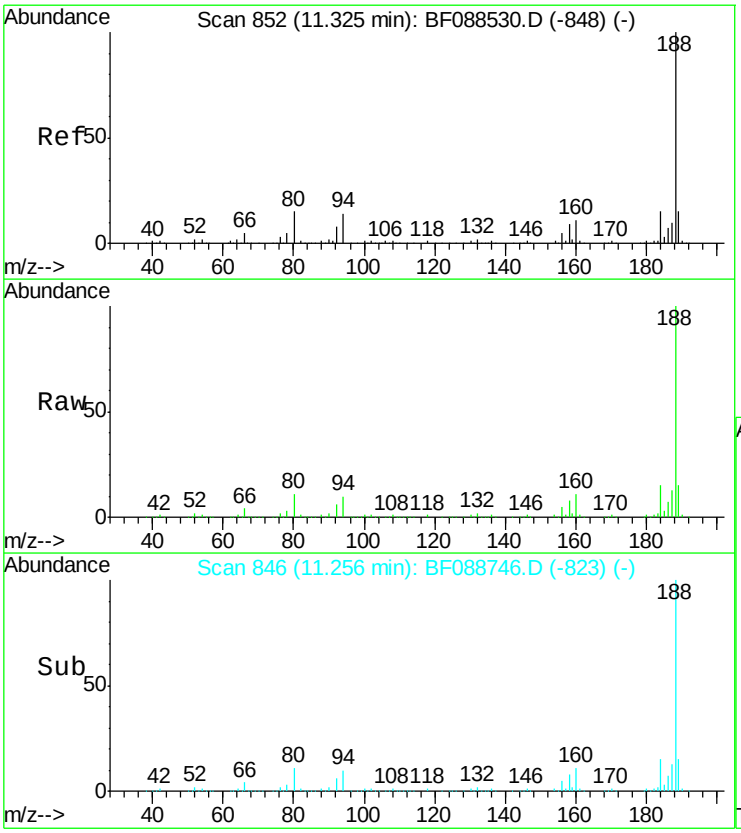
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.22 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:165 Resp: 25303

Ion	Ratio	Lower	Upper
165	100		
63	1.8	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

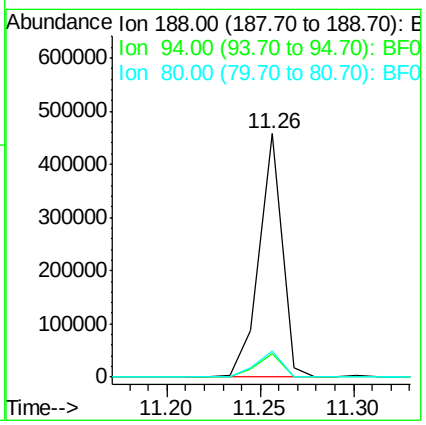


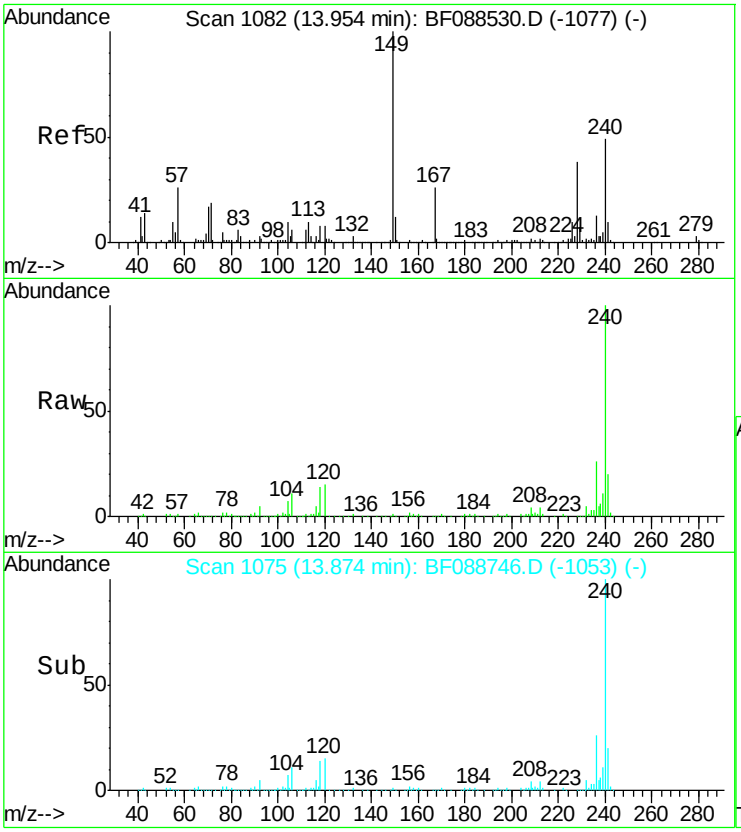


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion:188 Resp: 388134

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.6
80	10.9	10.0	15.0



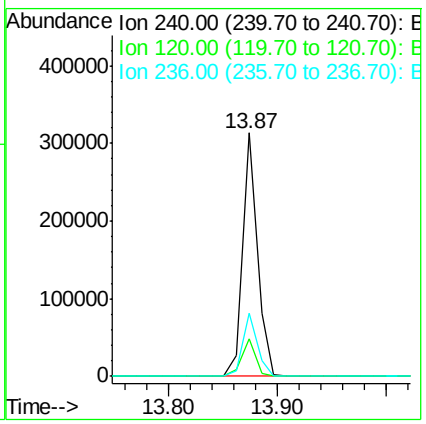


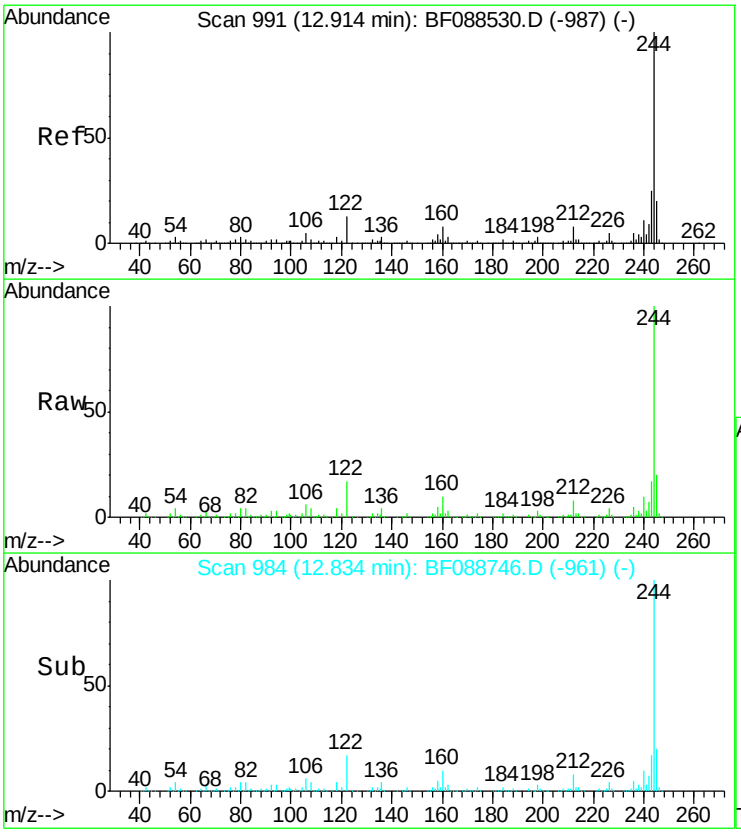
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.05 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:240 Resp: 293236

Ion	Ratio	Lower	Upper
240	100		
120	15.3	6.8	10.2#
236	26.0	20.2	30.2

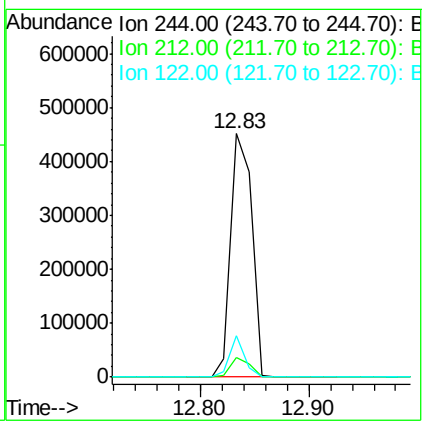


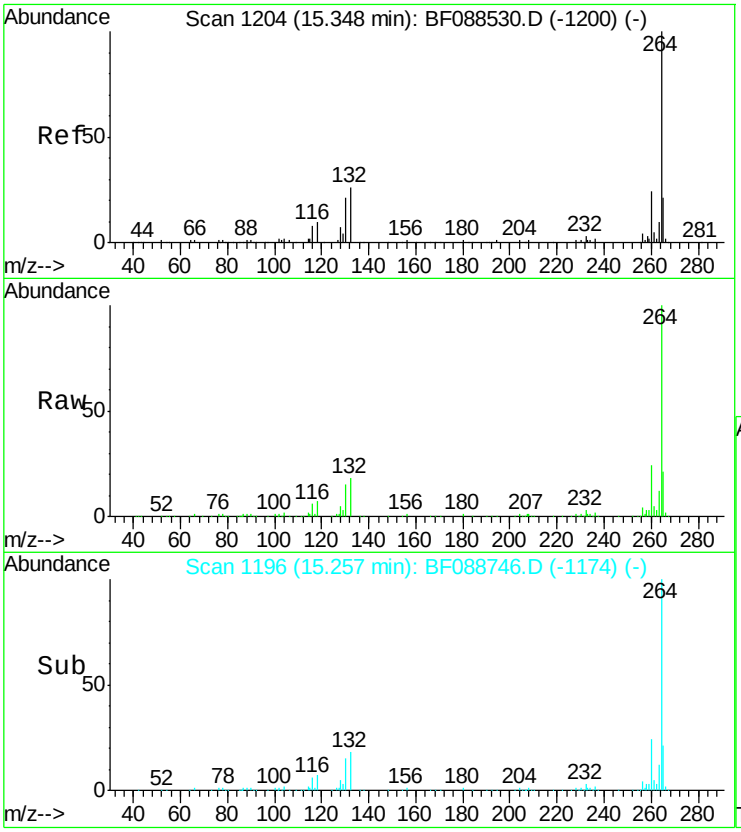


#78
Terphenyl-d14
Concen: 45.47 ng
RT: 12.83 min Scan# 984
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion:244 Resp: 598656

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	16.8	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:264 Resp: 237948

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3