Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088757.D
Acq On : 7 Jul 2016 2:22
Operator : UM/SJ
Sample : H3880-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2.1-03

Quant Time: Jul 07 06:39:54 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	6.74	152	88265	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	400973	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	184836	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	332430	20.00	ng	0.00
75) Chrysene-d12	13.87	240	217793	20.00	ng	-0.01
86) Perylene-d12	15.26	264	174364	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	382728	64.99	ng	0.00
7) Phenol-d6	6.38	99	468222	61.53	ng	-0.01
23) Nitrobenzene-d5	7.31	82	333740	43.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	106518	62.06	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	529833	45.28	ng	-0.01
78) Terphenyl-d14	12.85	244	512254	52.39	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	44472	8.70	ng	# 69
49) Dimethylphthalate	9.51	163	96215	7.31	ng	98
56) 2,4-Dinitrotoluene	9.78	165	24021	6.30	ng	# 38

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

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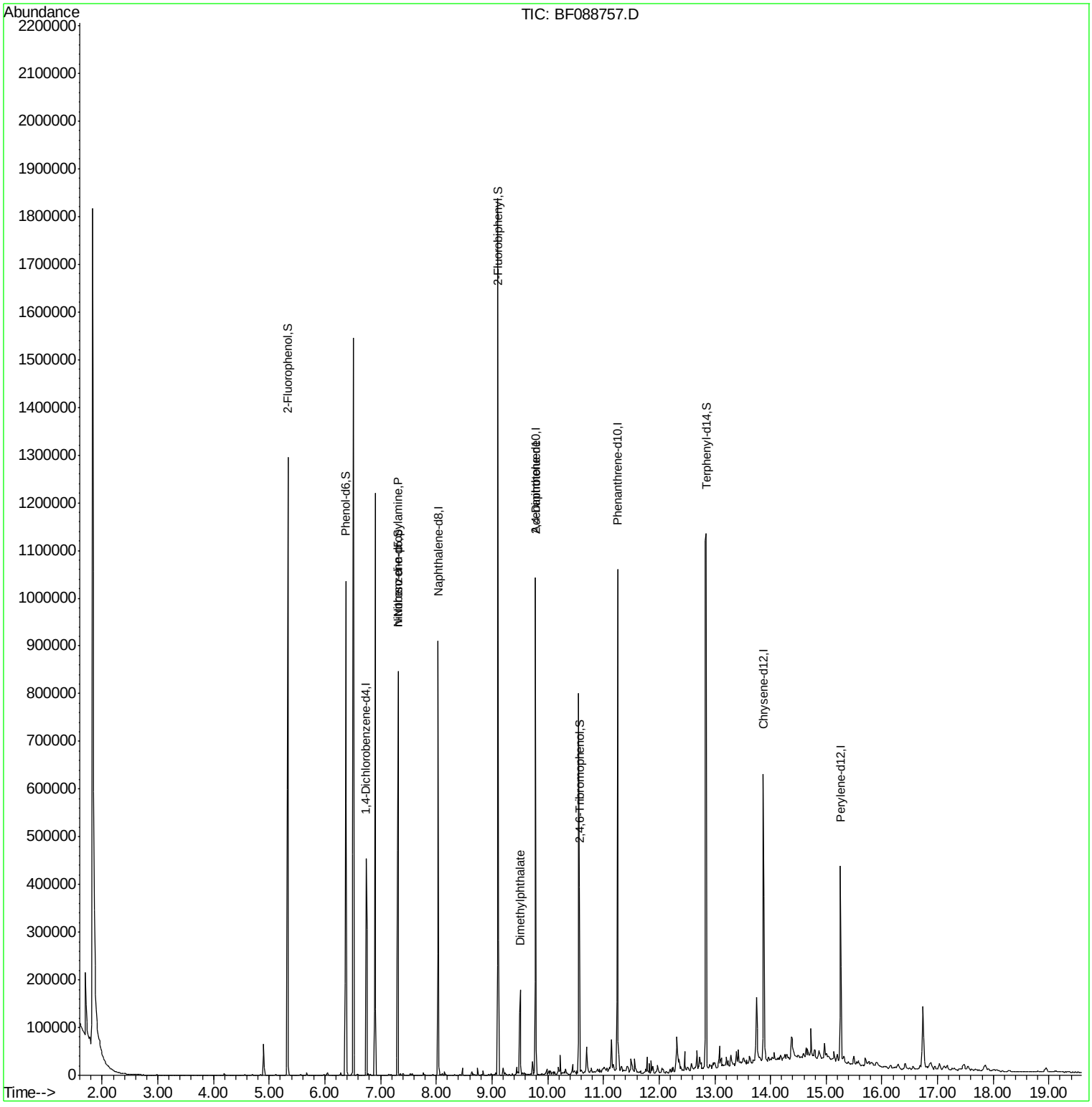
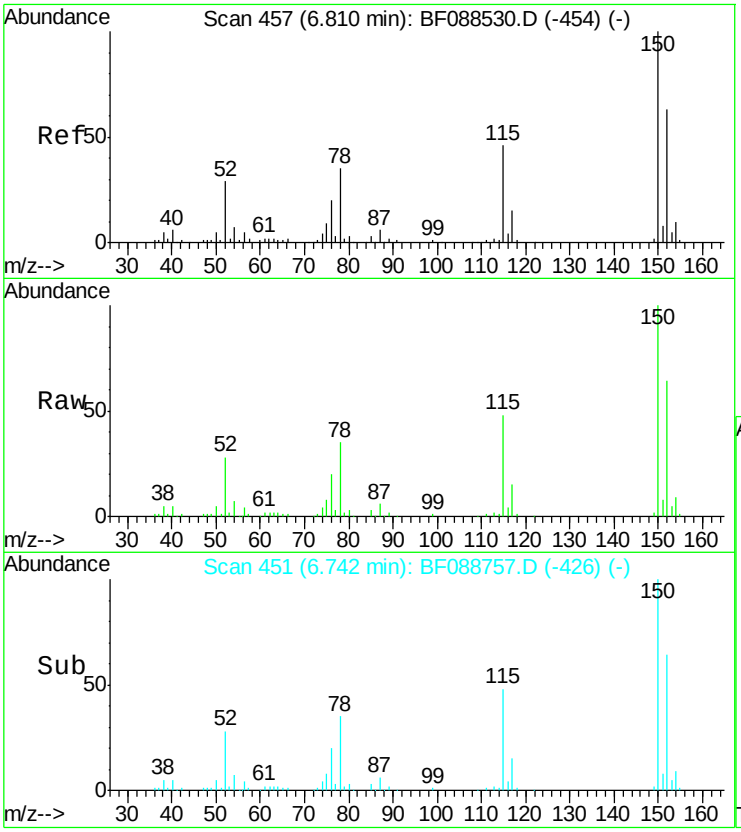


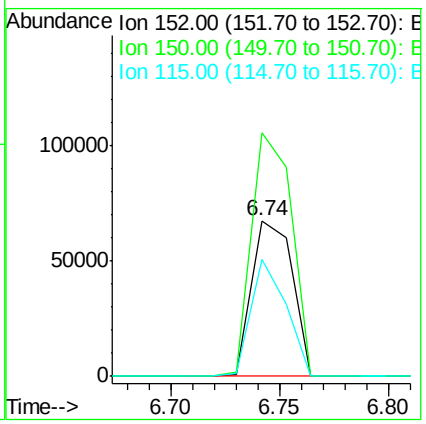


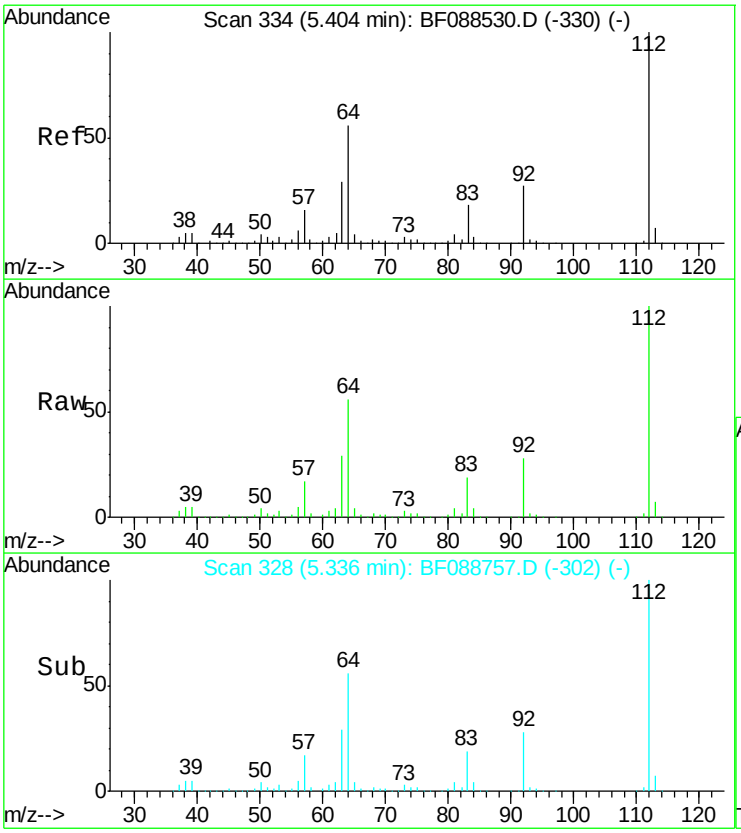
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tgt Ion:152 Resp: 88265

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.8	185.6
115	75.1	39.6	59.4#

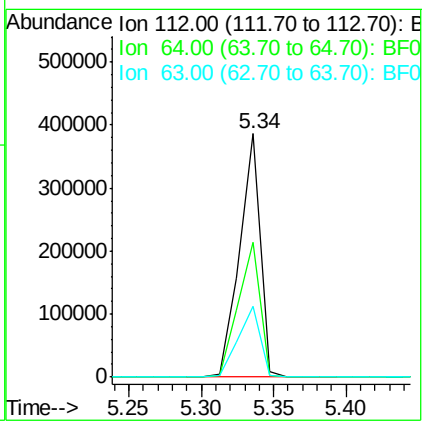


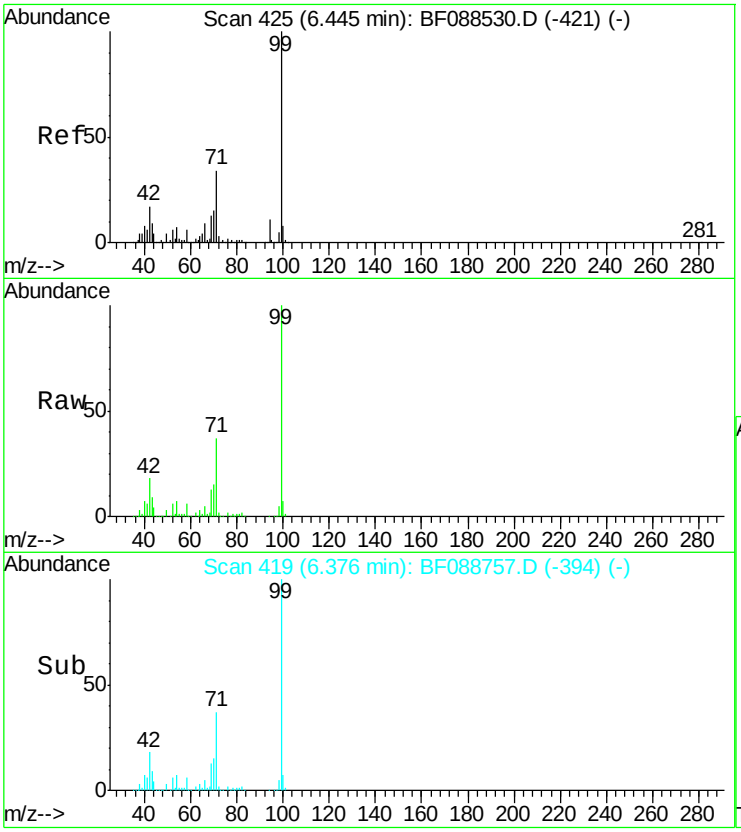


#5
2-Fluorophenol
Concen: 64.99 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Tgt Ion:112 Resp: 382728

Ion	Ratio	Lower	Upper
112	100		
64	55.5	42.2	63.2
63	28.9	21.8	32.8



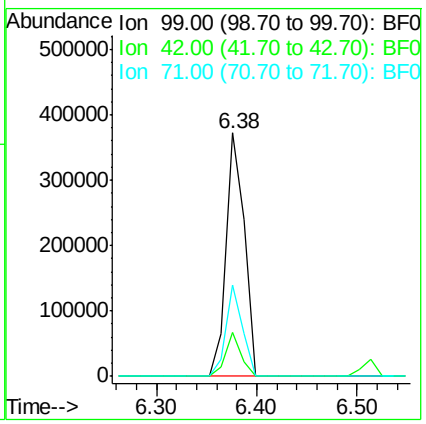


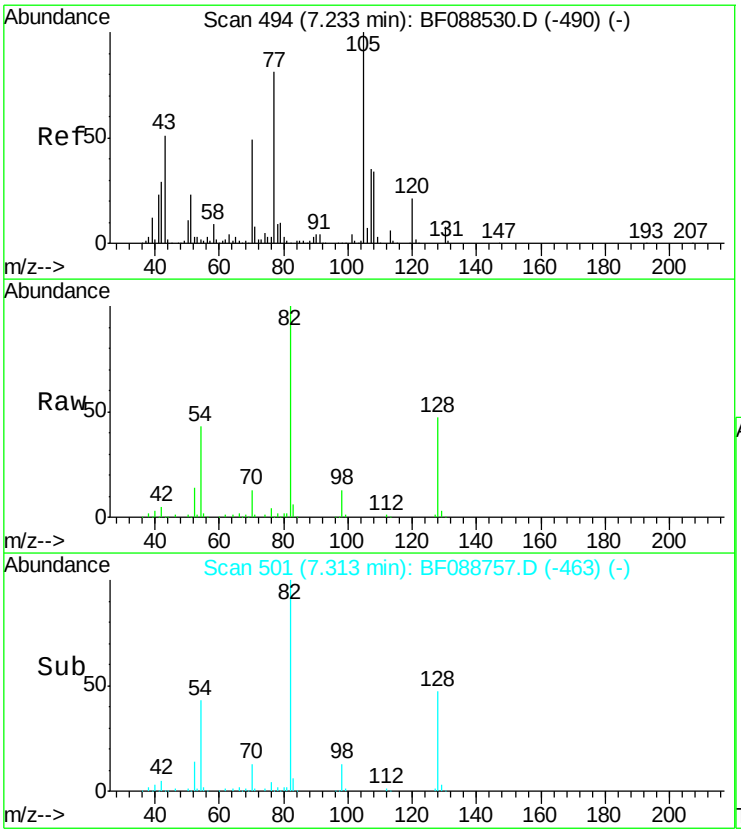
#7
Phenol-d6
Concen: 61.53 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tgt Ion: 99 Resp: 468222

Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.2	18.2
71	37.4	23.4	35.0#

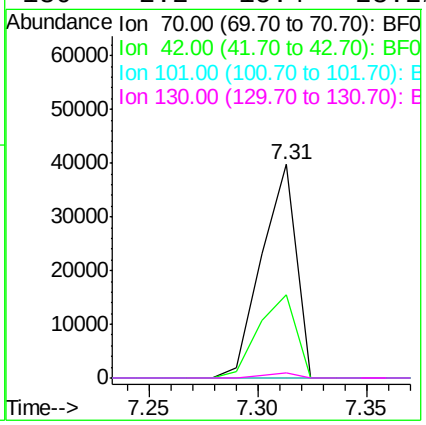


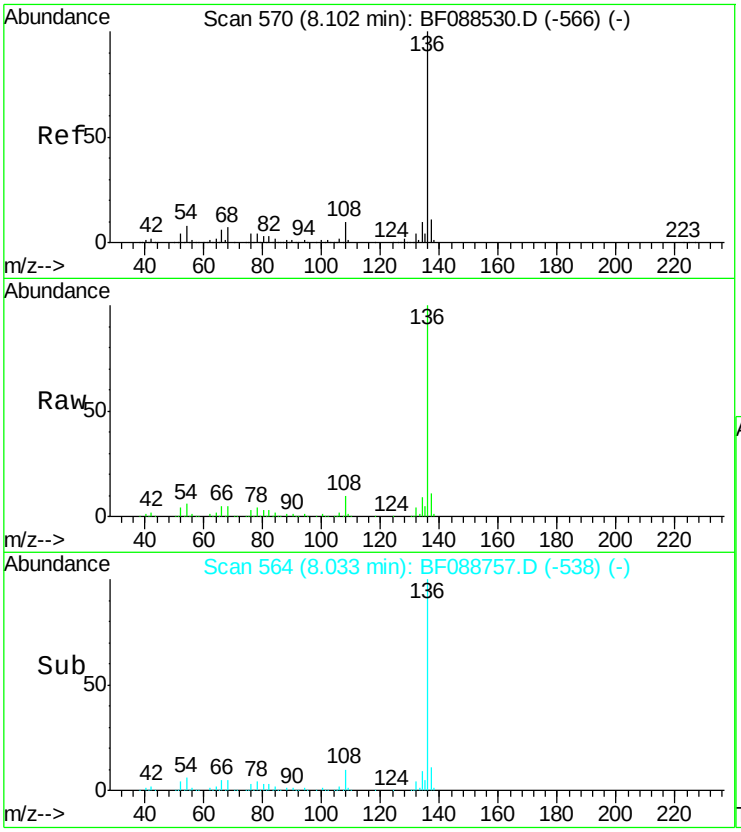


#19
n-Nitroso-di-n-propylamine
Concen: 8.70 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.14 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Tgt Ion: 70 Resp: 44472

Ion	Ratio	Lower	Upper
70	100		
42	39.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



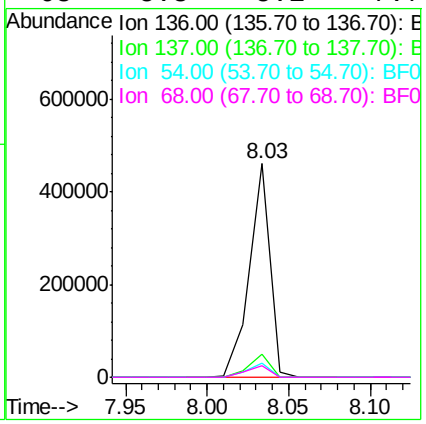


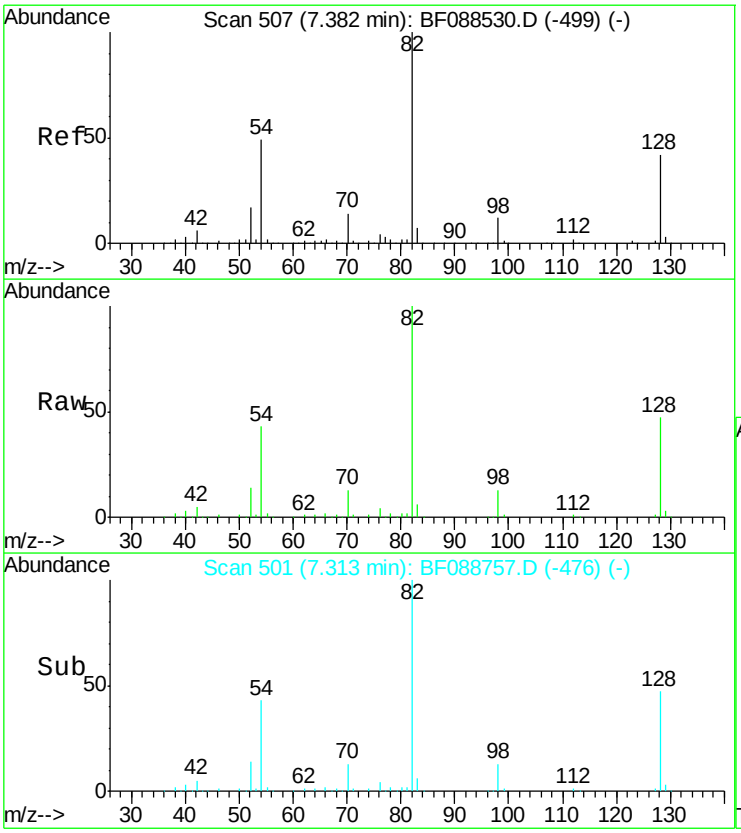
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tgt Ion:136 Resp: 400973

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	6.6	10.0#
68	5.3	5.1	7.7

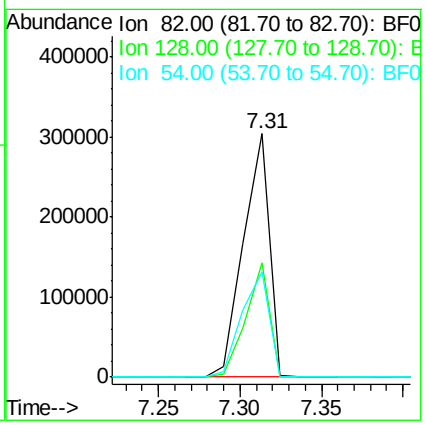


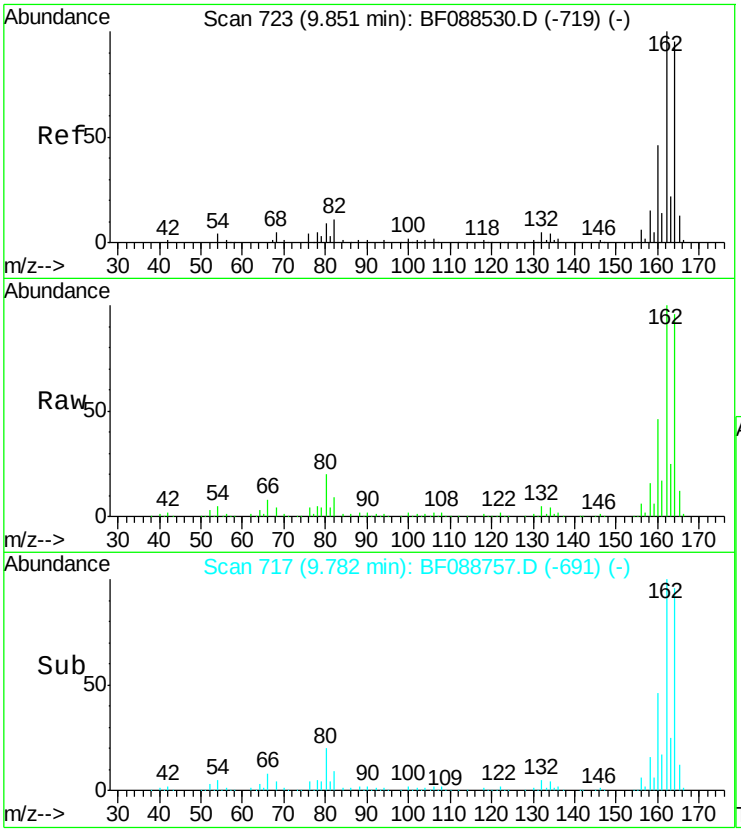


#23
Nitrobenzene-d5
Concen: 43.62 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Tgt Ion: 82 Resp: 333740

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.9	53.9
54	43.1	40.9	61.3



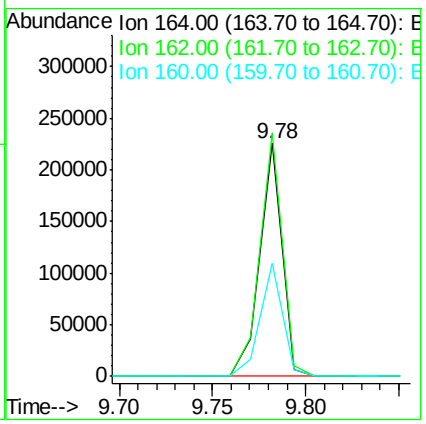


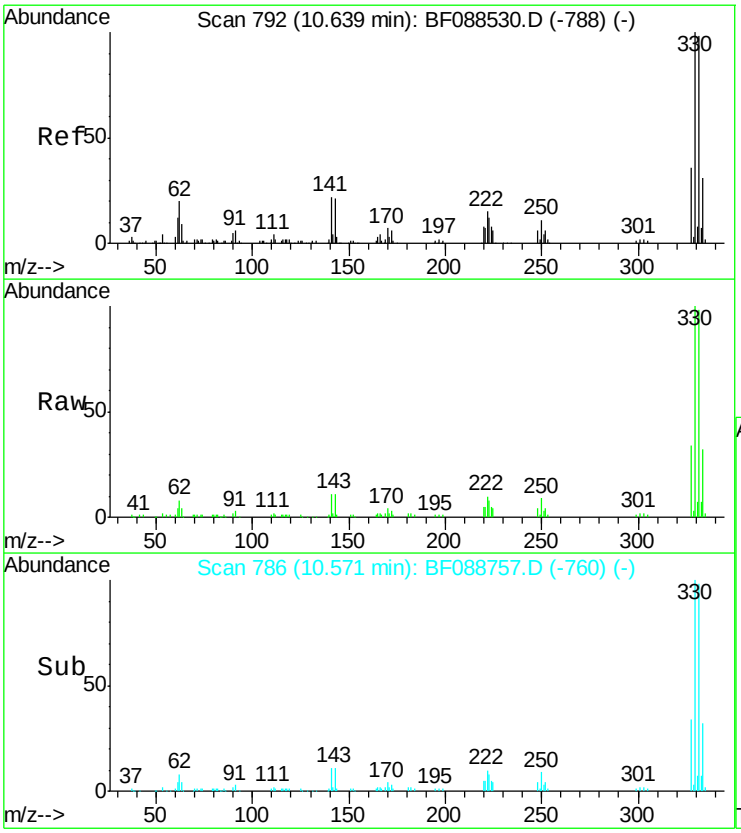
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tgt Ion:164 Resp: 184836

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	48.5	39.5	59.3

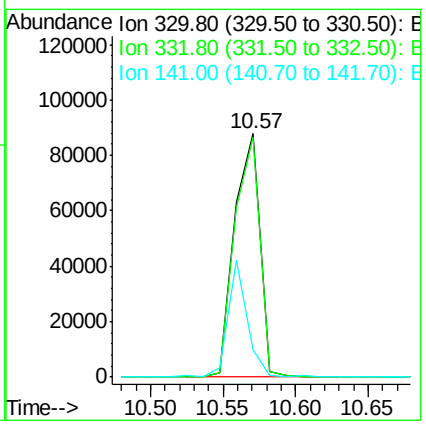


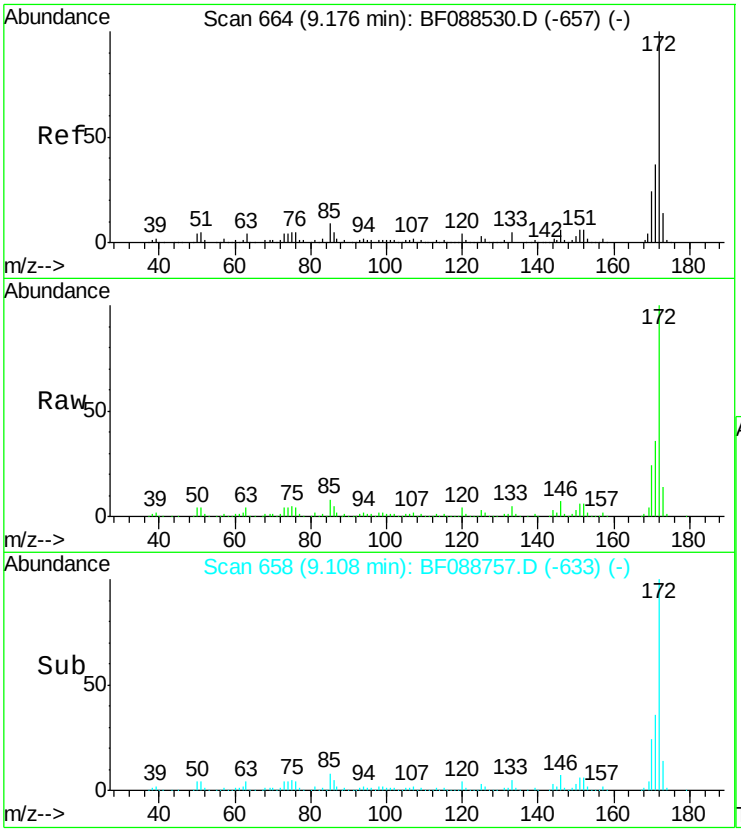


#41
2,4,6-Tribromophenol
Concen: 62.06 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Tgt Ion:330 Resp: 106518

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	37.0	0.0	0.0#



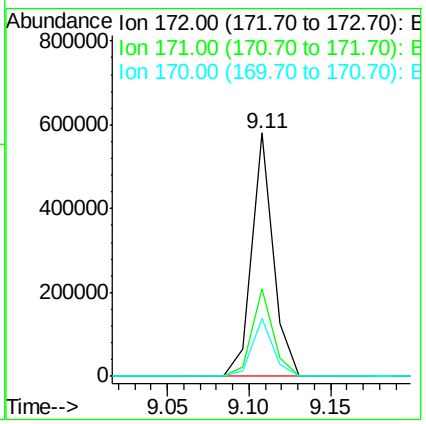


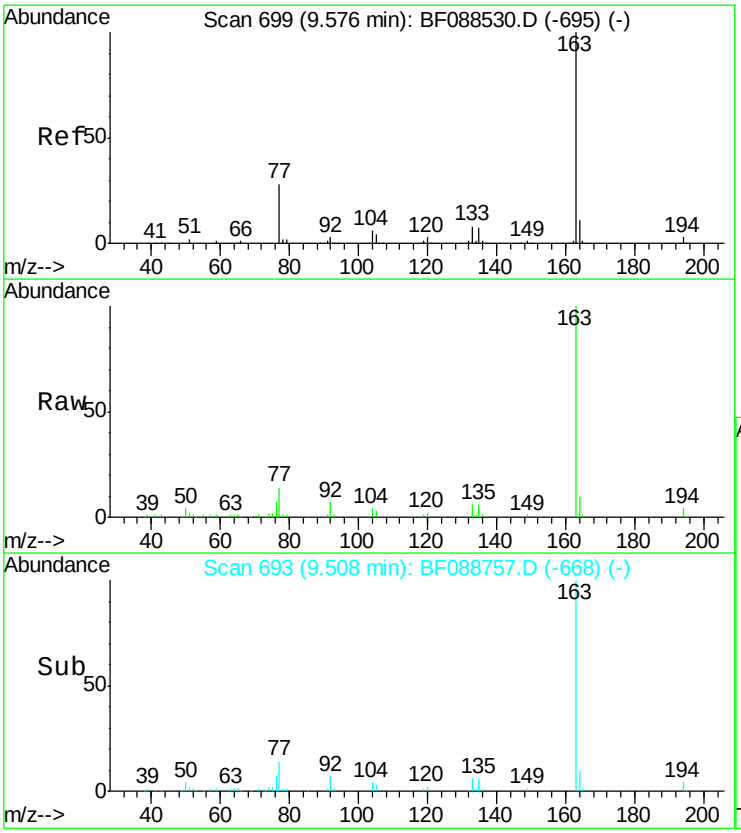
#44
2-Fluorobiphenyl
Concen: 45.28 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tgt Ion:172 Resp: 529833

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.2	28.8

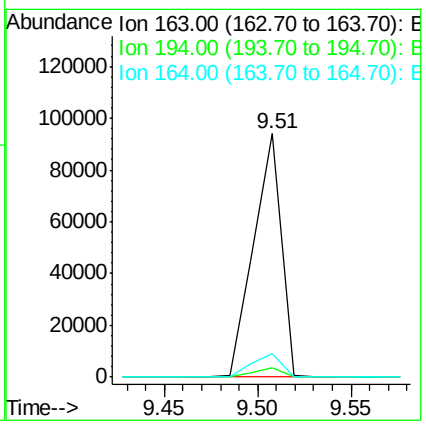


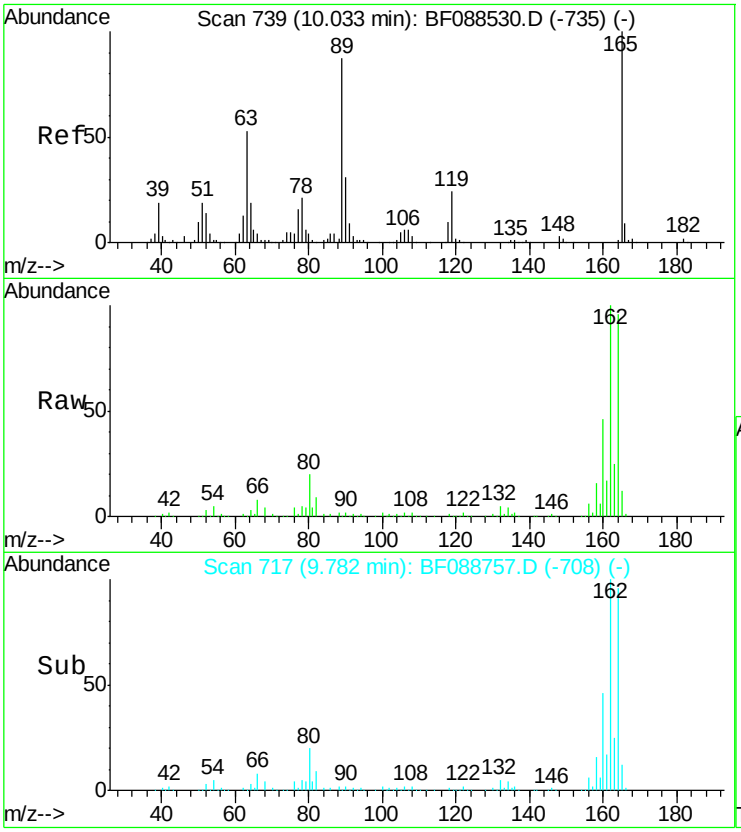


#49
Dimethylphthalate
Concen: 7.31 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Tgt Ion:163 Resp: 96215

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.5	8.3	12.5



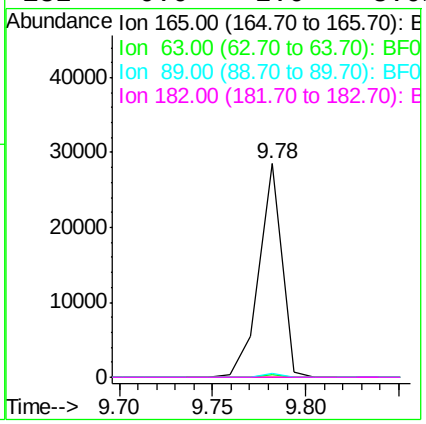


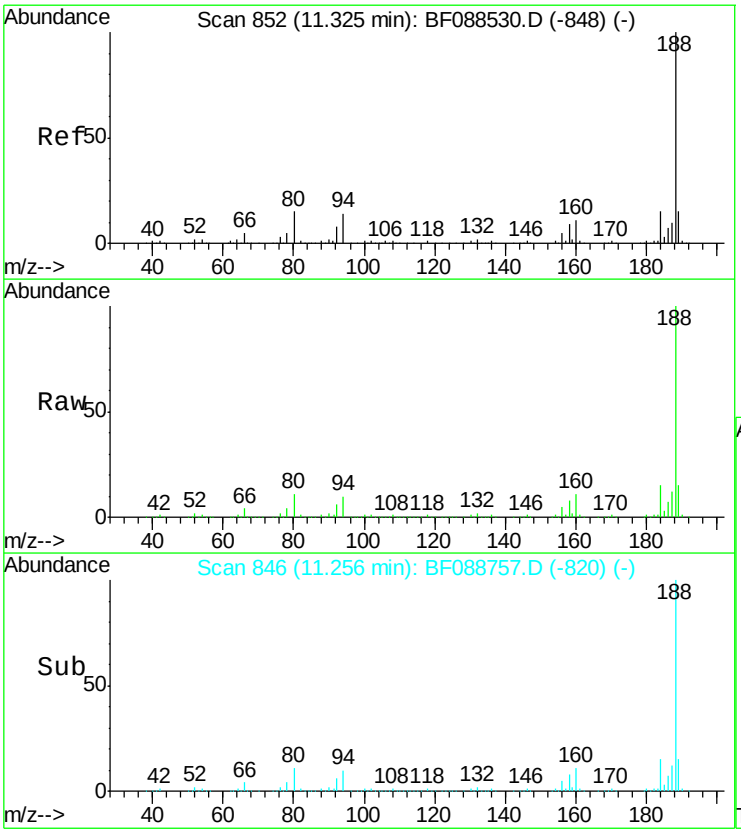
#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.19 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tgt Ion:165 Resp: 24021

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#

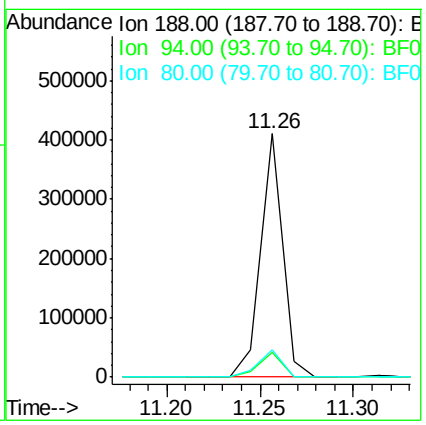


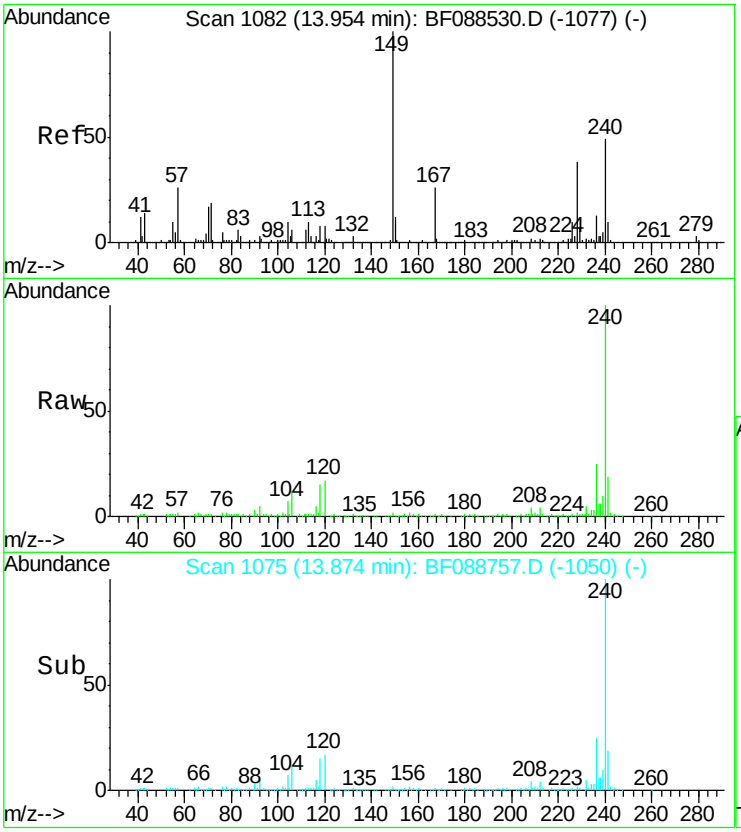


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Tgt Ion:188 Resp: 332430

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.6
80	11.2	10.0	15.0



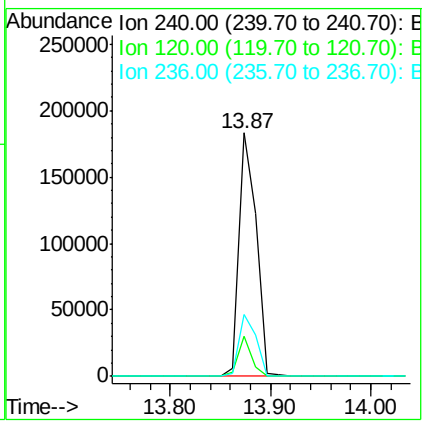


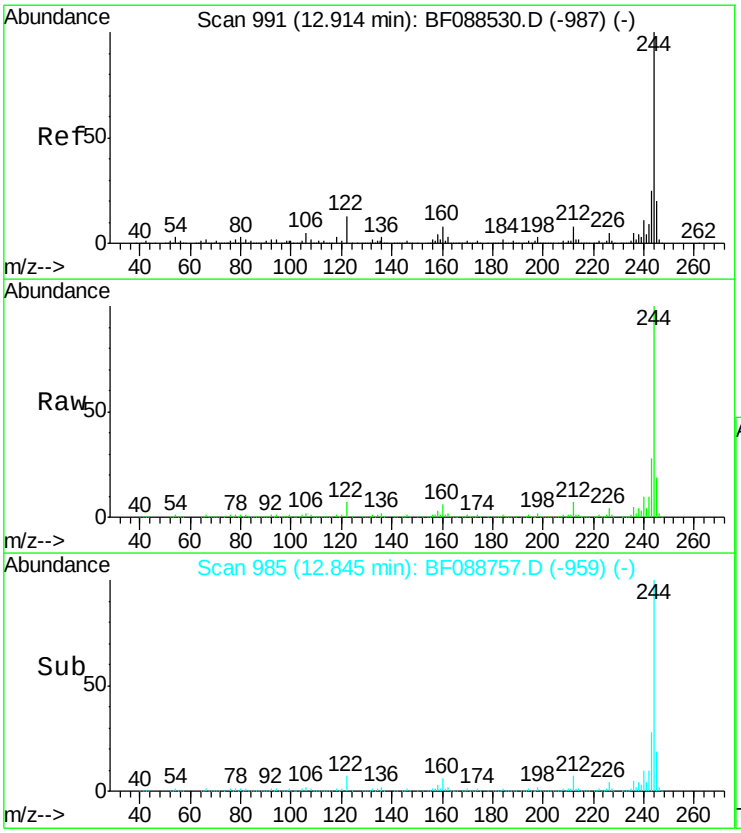
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tgt Ion:240 Resp: 217793

Ion	Ratio	Lower	Upper
240	100		
120	16.5	6.8	10.2#
236	25.3	20.2	30.2

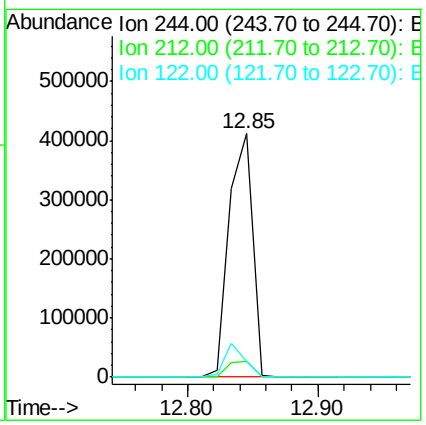


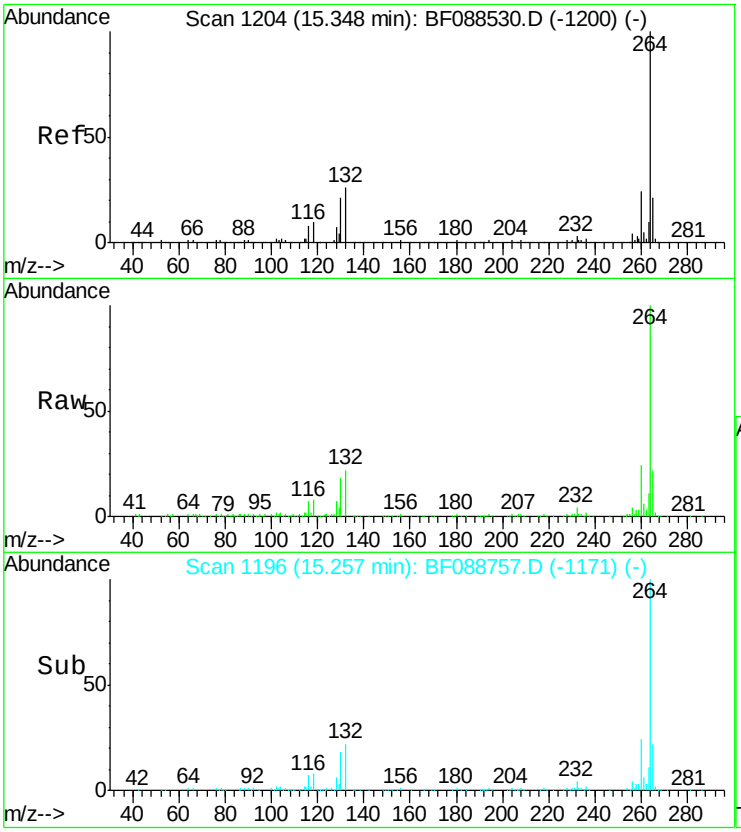


#78
Terphenyl-d14
Concen: 52.39 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Tgt Ion:244 Resp: 512254

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	6.6	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tgt Ion:264 Resp: 174364

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	16.9	25.3