Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088707.D
Acq On : 5 Jul 2016 17:13
Operator : UM/SJ
Sample : H3761-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5F-9-11

Quant Time: Jul 06 01:32:42 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	6.94	152	190030	20.00	ng		0.16
21) Naphthalene-d8	8.06	136	611884	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	291663	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	602336	20.00	ng		0.00
75) Chrysene-d12	13.91	240	407740	20.00	ng		-0.01
86) Perylene-d12	15.30	264	317314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	115798	9.13	ng		-0.01
7) Phenol-d6	6.40	99	94618	5.78	ng		-0.01
23) Nitrobenzene-d5	7.34	82	364406	31.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	77780	28.72	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	666822	36.11	ng		0.00
78) Terphenyl-d14	12.88	244	641978	35.07	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	50862	4.62	ng	#	72
25) Isophorone	7.34	82	284123	13.14	ng	#	65
31) Naphthalene	8.08	128	637887	21.15	ng		100
33) 4-Chloroaniline	8.08	127	84916	6.33	ng	#	32
37) 2-Methylnaphthalene	8.78	142	73086	3.76	ng		97
49) Dimethylphthalate	9.53	163	65071	3.13	ng		99
50) 2,6-Dinitrotoluene	9.80	165	38149	8.28	ng	#	40
51) Acenaphthene	9.84	154	47957	2.59	ng		99
56) 2,4-Dinitrotoluene	9.80	165	38151	6.34	ng	#	38
73) Di-n-butylphthalate	11.84	149	72458	2.02	ng		98
83) Bis(2-ethylhexyl)phthalate	13.90	149	203745	11.57	ng		99

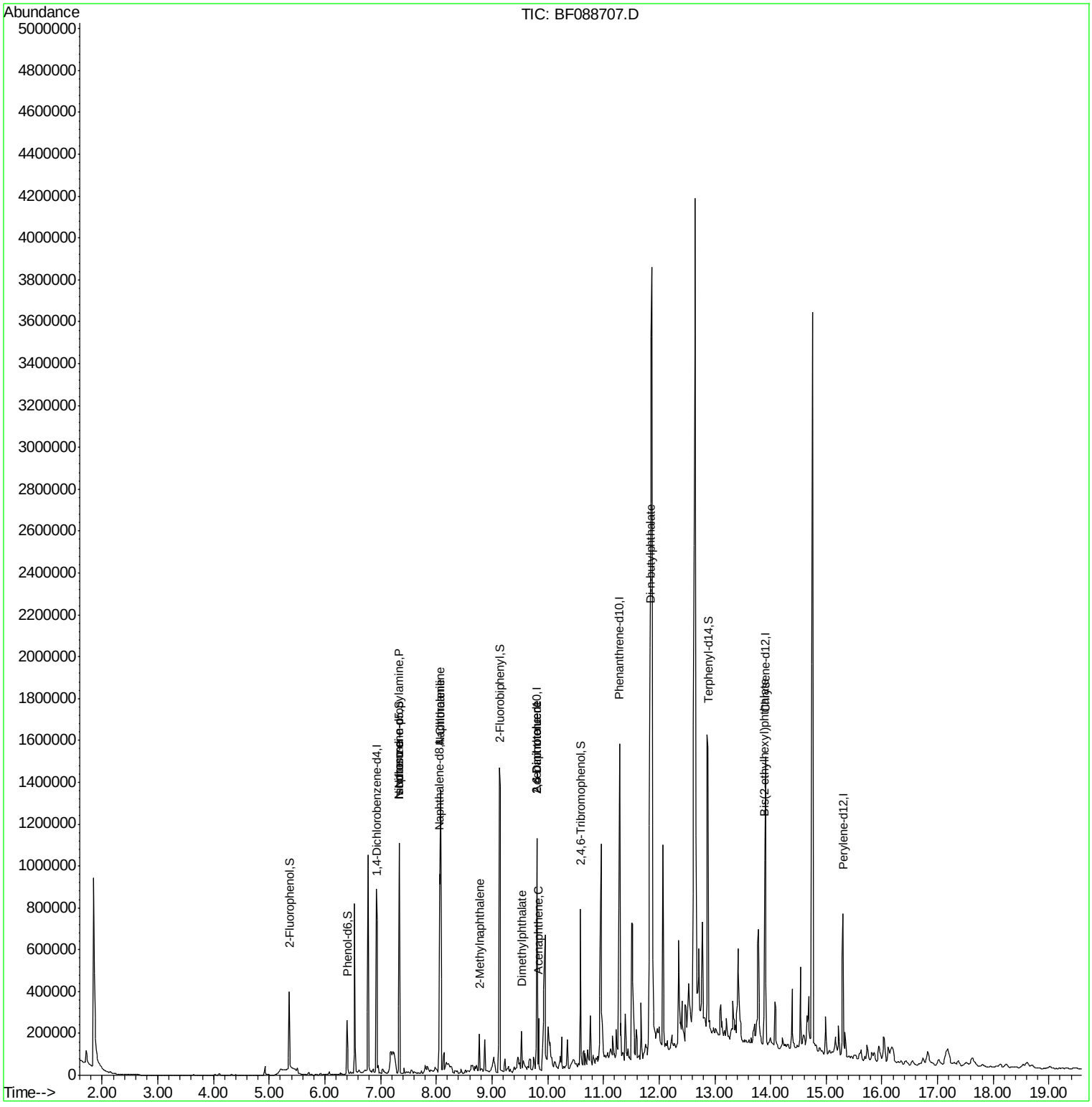
(#) = qualifier out of range (m) = manual integration (+) = signals summed

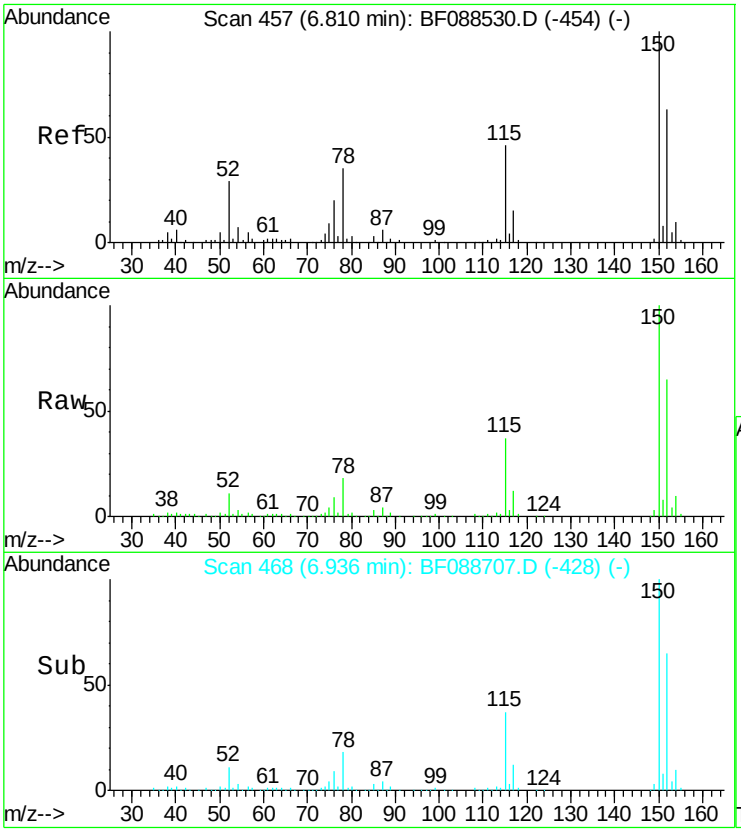
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088707.D
Acq On : 5 Jul 2016 17:13
Operator : UM/SJ
Sample : H3761-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Quant Time: Jul 06 01:32:42 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



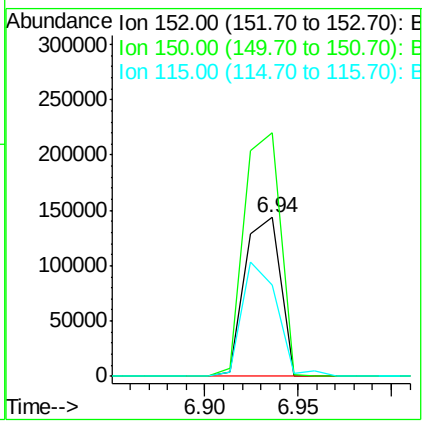


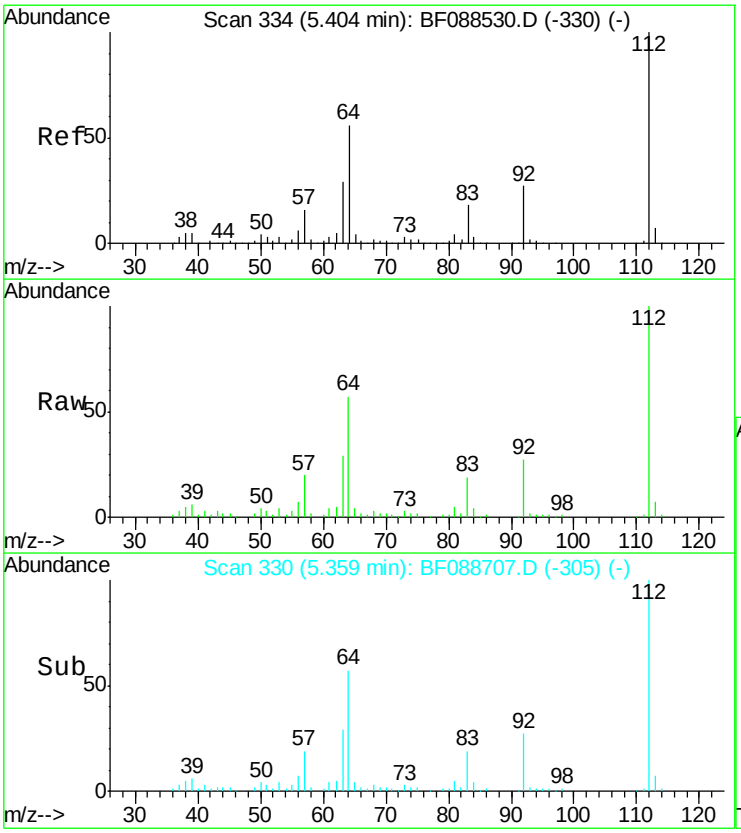
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.16 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:152 Resp: 190030

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	57.2	39.6	59.4

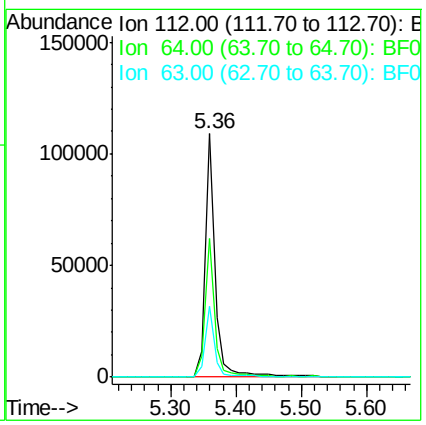


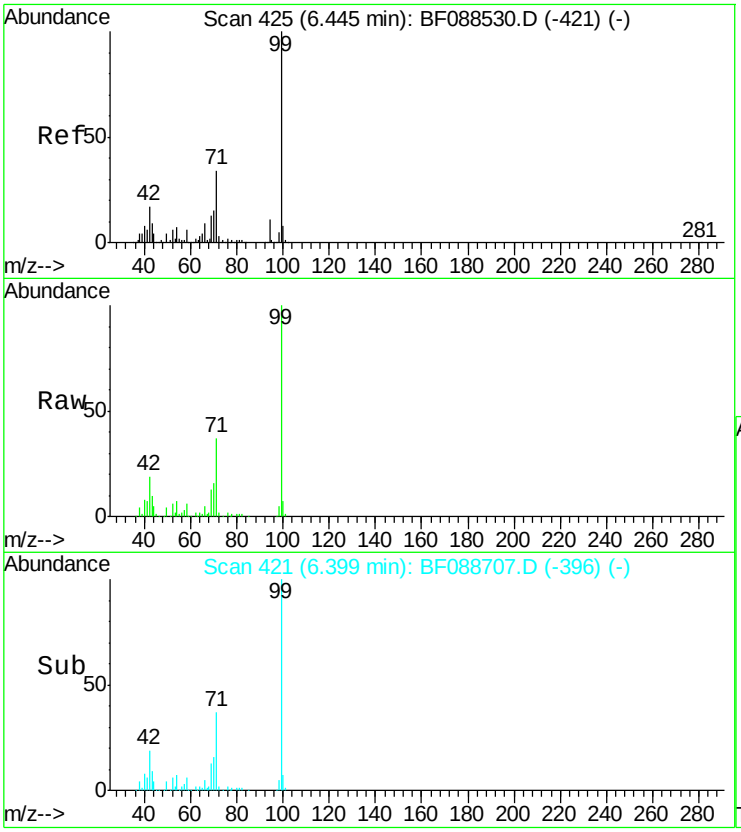


#5
2-Fluorophenol
Concen: 9.13 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:112 Resp: 115798

Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.2	63.2
63	29.0	21.8	32.8



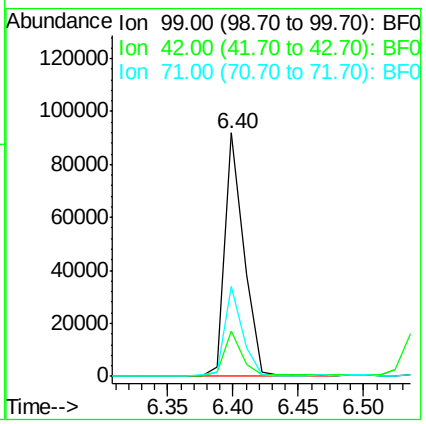


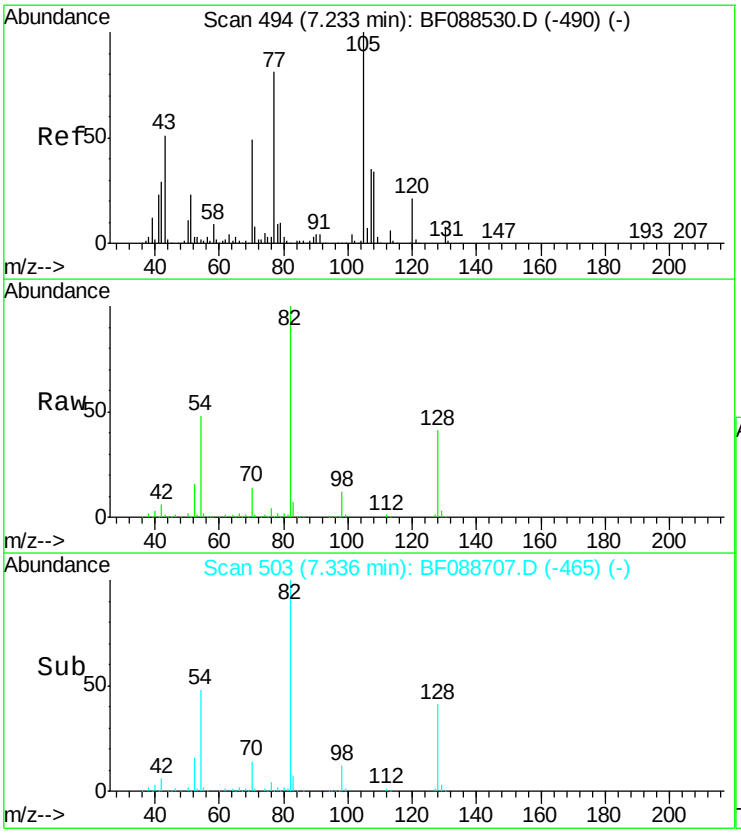
#7
Phenol-d6
Concen: 5.78 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion: 99 Resp: 94618

Ion	Ratio	Lower	Upper
99	100		
42	18.7	12.2	18.2#
71	36.8	23.4	35.0#

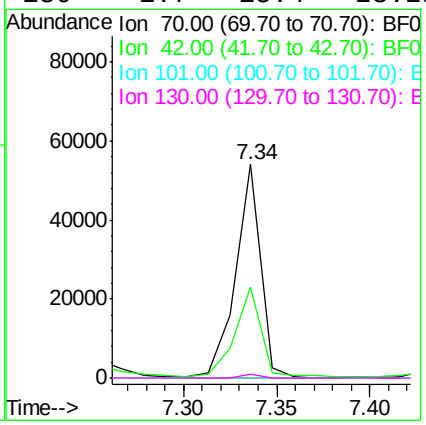


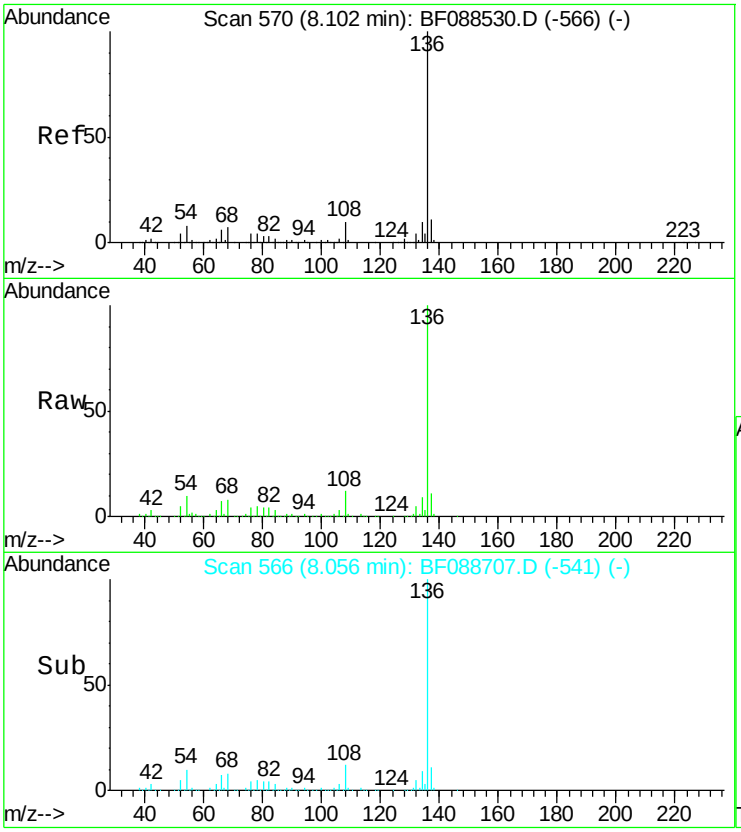


#19
n-Nitroso-di-n-propylamine
Concen: 4.62 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion: 70 Resp: 50862

Ion	Ratio	Lower	Upper
70	100		
42	42.8	49.6	74.4#
101	0.0	7.1	10.7#
130	1.7	15.4	23.2#



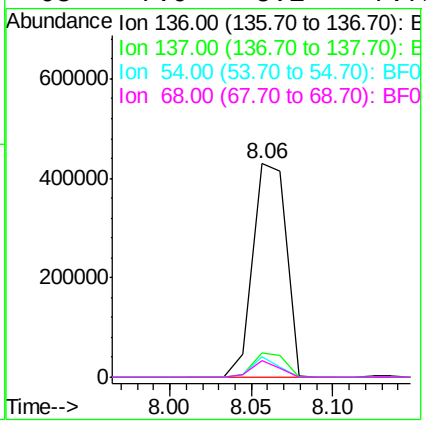


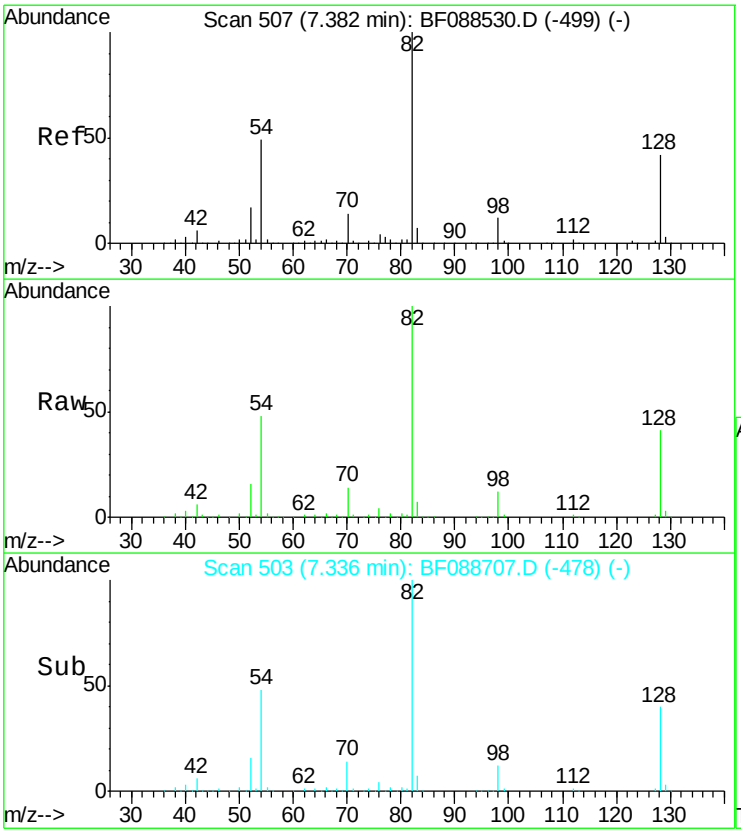
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:136 Resp: 611884

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.8	6.6	10.0
68	7.9	5.1	7.7#

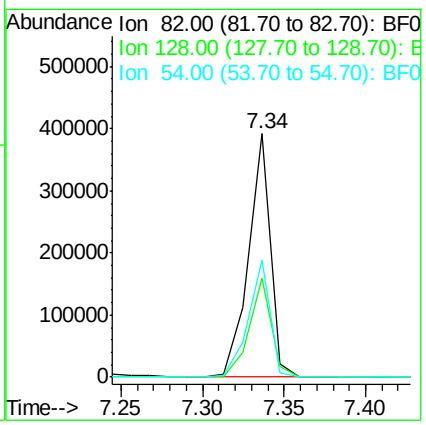


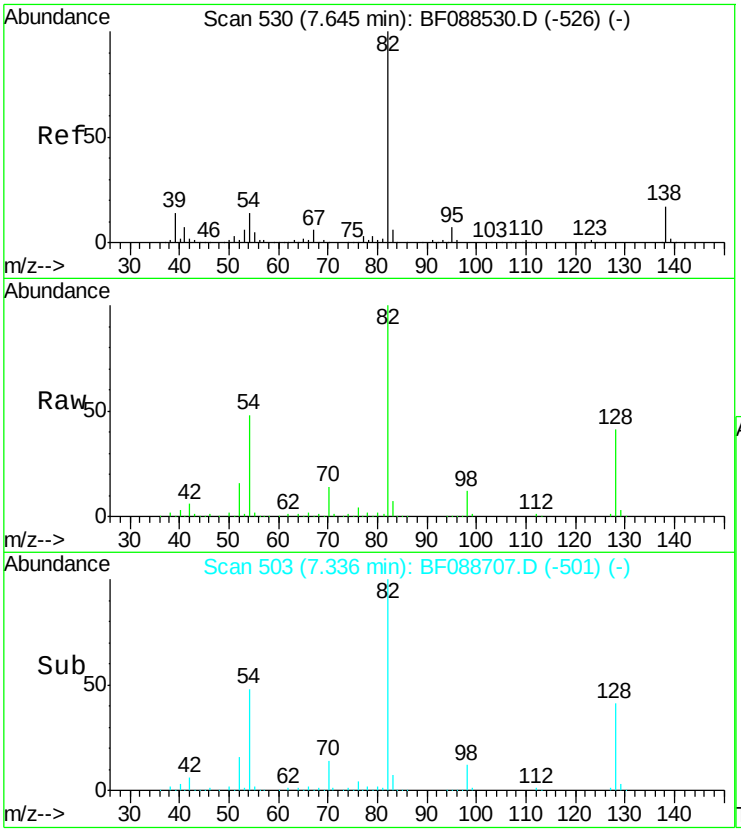


#23
Nitrobenzene-d5
Concen: 31.21 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion: 82 Resp: 364406

Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.9	53.9
54	48.1	40.9	61.3



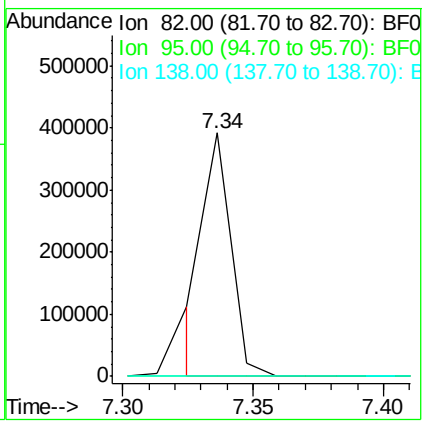


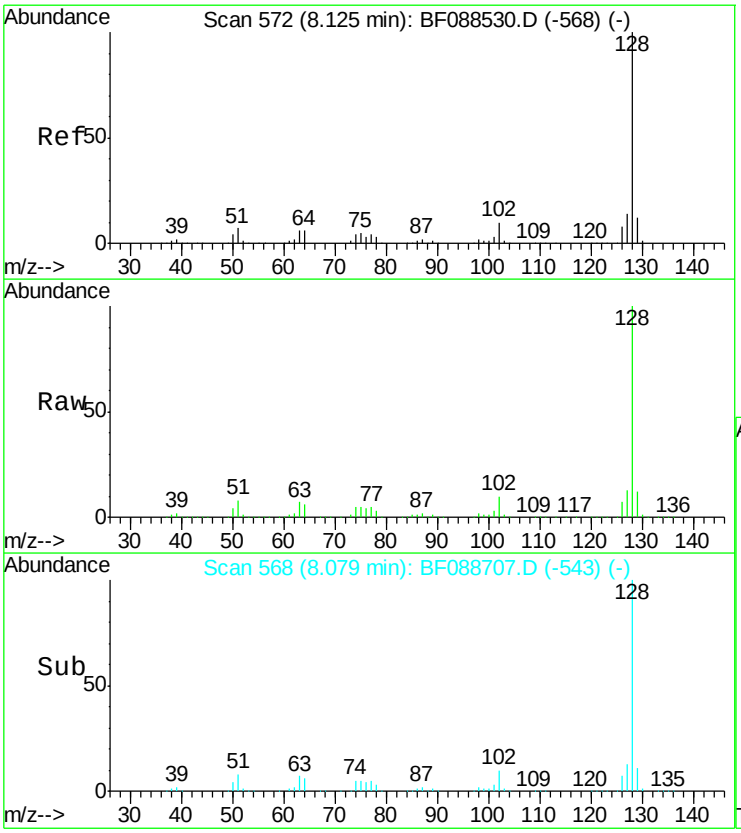
#25
Isophorone
Concen: 13.14 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.27 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion: 82 Resp: 284123

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	14.6	21.8#

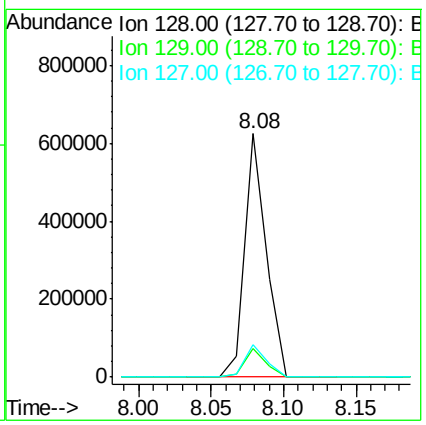


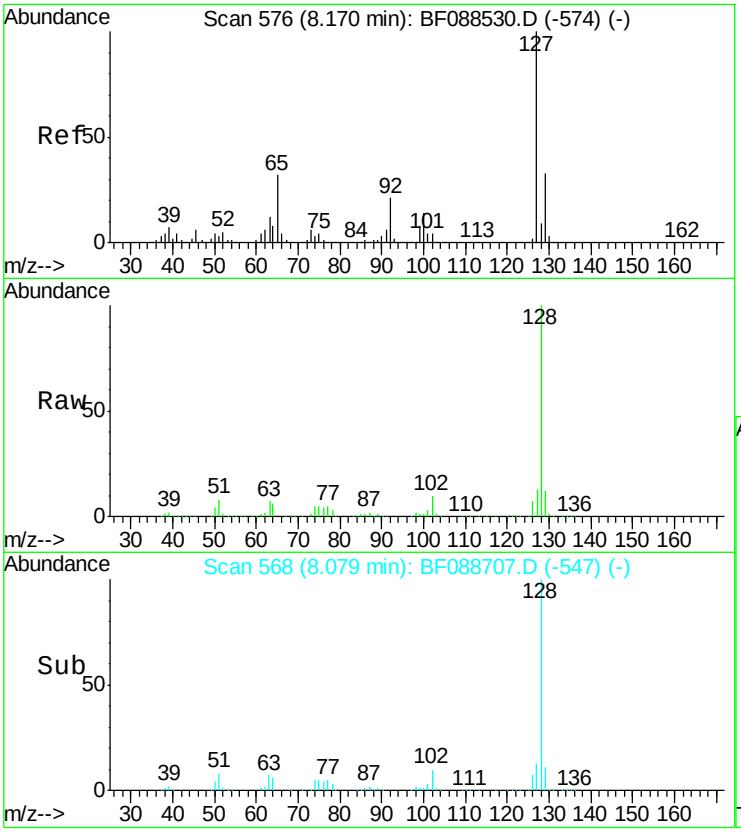


#31
Naphthalene
Concen: 21.15 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:128 Resp: 637887

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.4	10.9	16.3



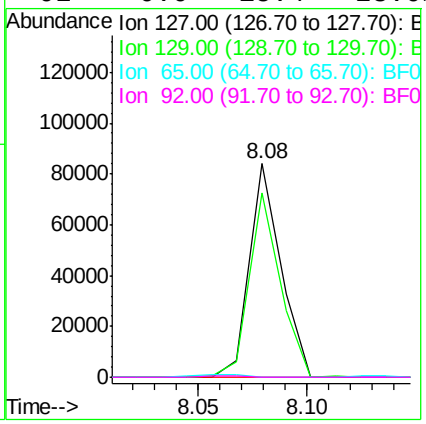


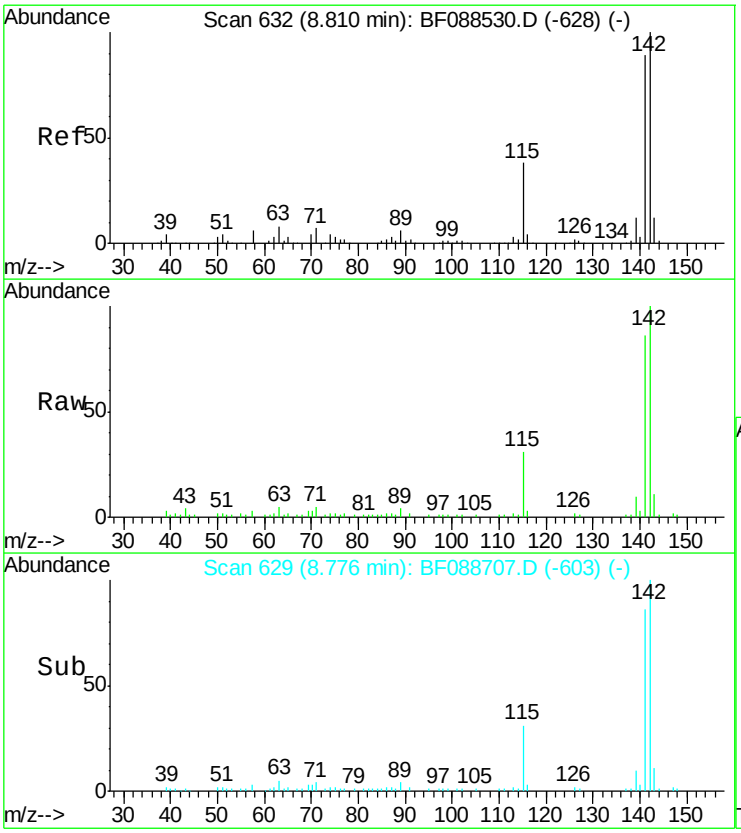
#33
4-Chloroaniline
Concen: 6.33 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.06 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:127 Resp: 84916

Ion	Ratio	Lower	Upper
127	100		
129	86.1	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

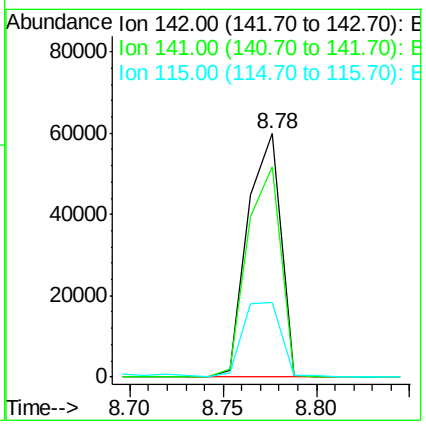


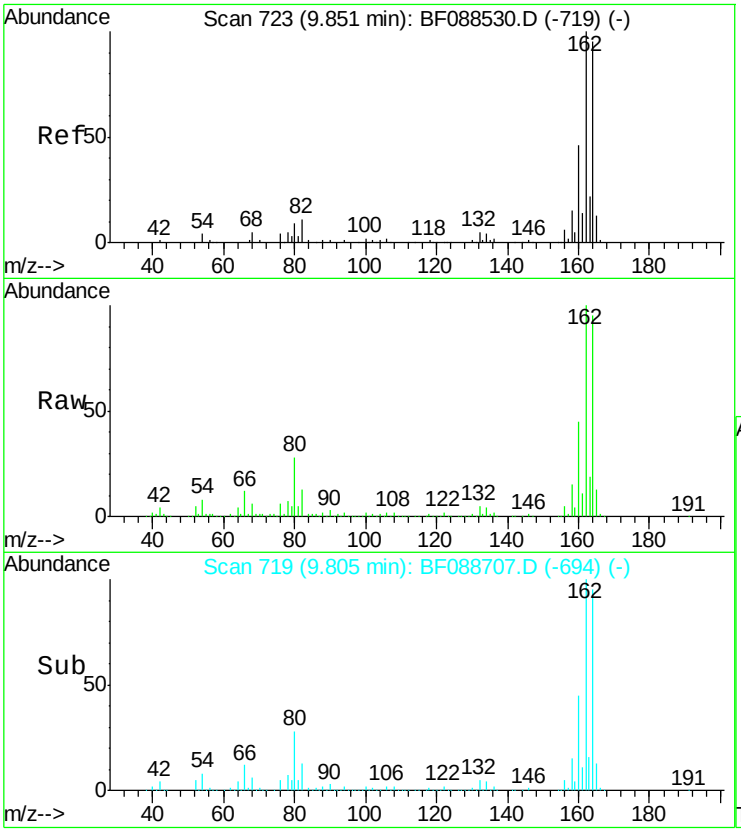


#37
2-Methylnaphthalene
Concen: 3.76 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:142 Resp: 73086

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.0	106.6
115	30.6	22.6	33.8



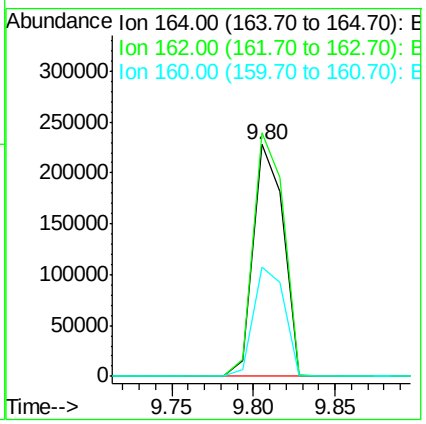


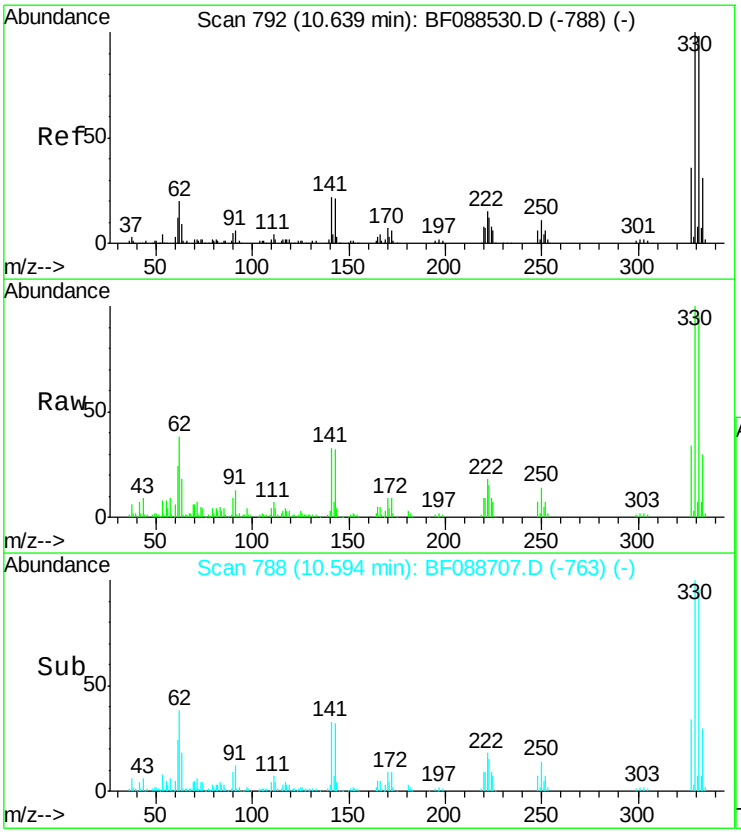
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:164 Resp: 291663

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.4	128.2
160	47.0	39.5	59.3

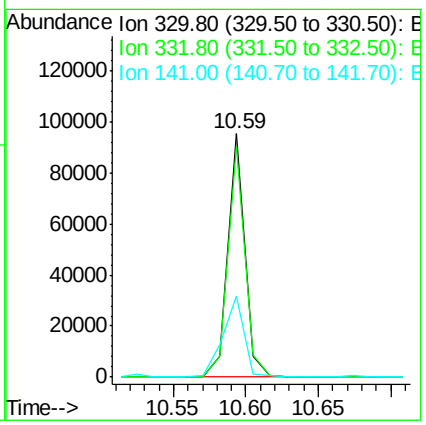


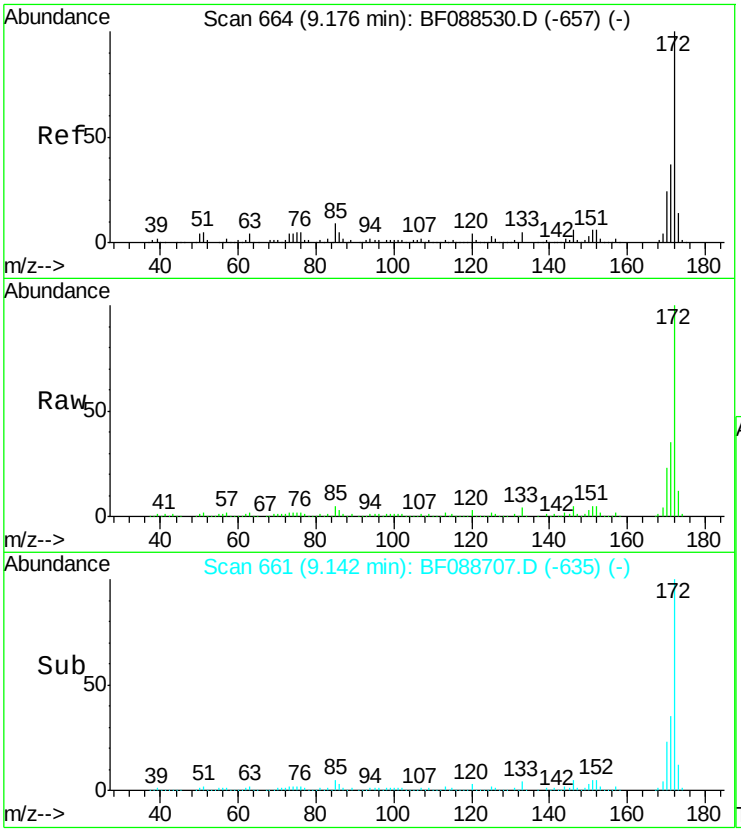


#41
2,4,6-Tribromophenol
Concen: 28.72 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:330 Resp: 77780

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	40.9	0.0	0.0#



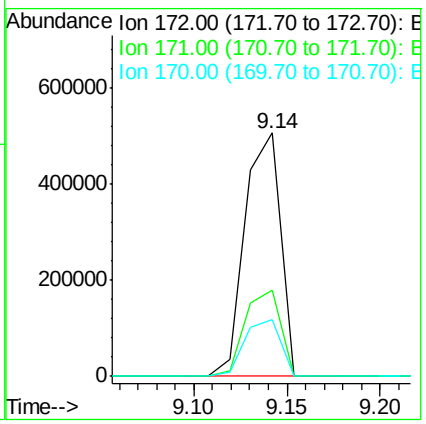


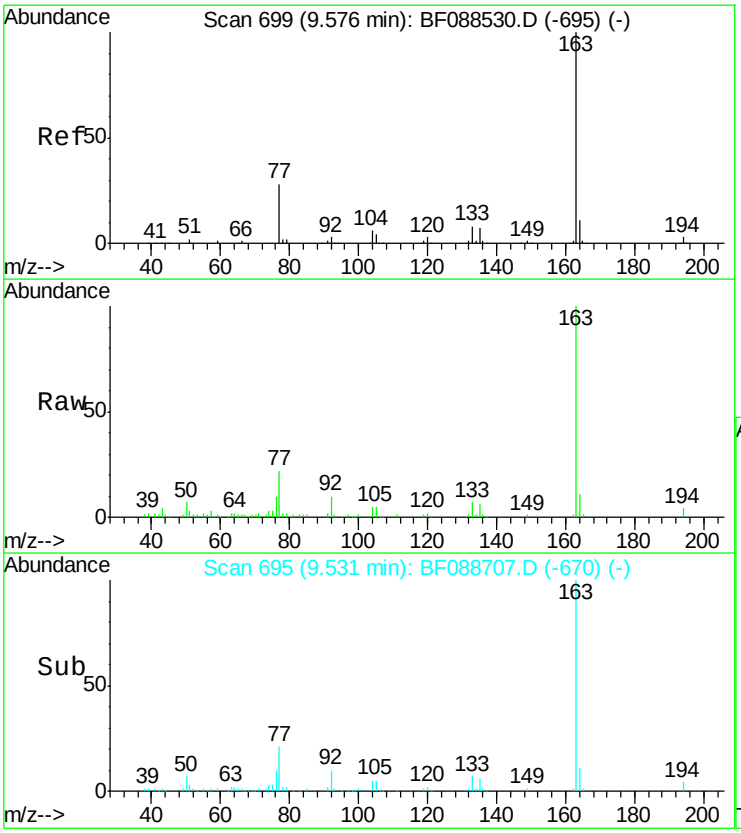
#44
2-Fluorobiphenyl
Concen: 36.11 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:172 Resp: 666822

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.5	19.2	28.8

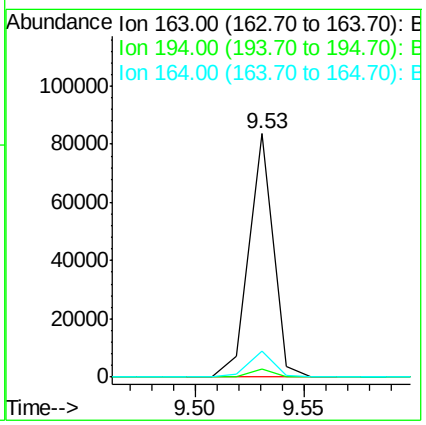


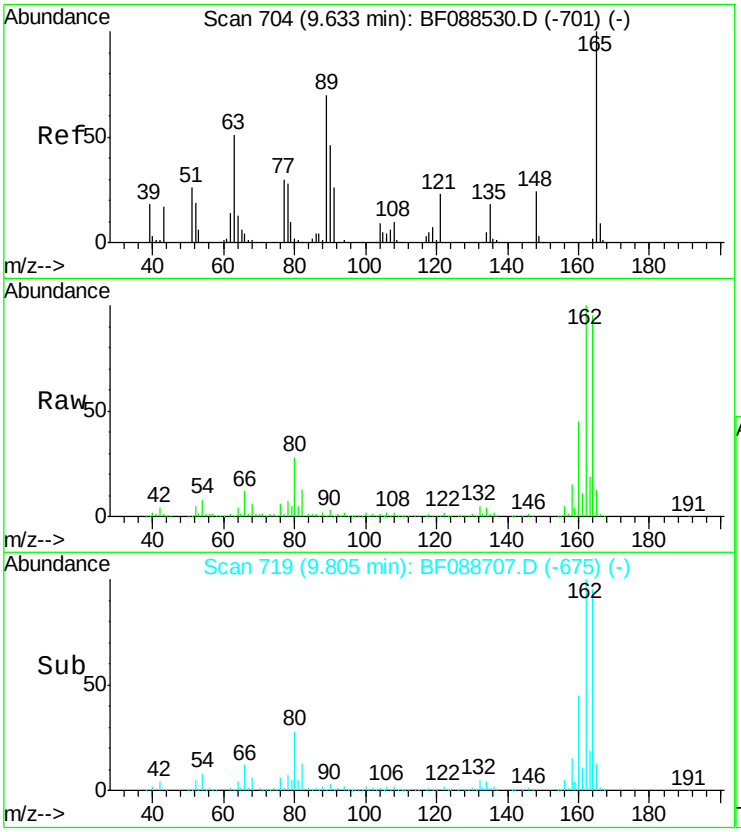


#49
Dimethylphthalate
Concen: 3.13 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:163 Resp: 65071

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.7	8.3	12.5



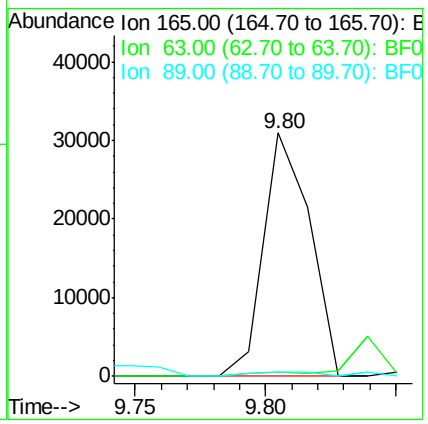


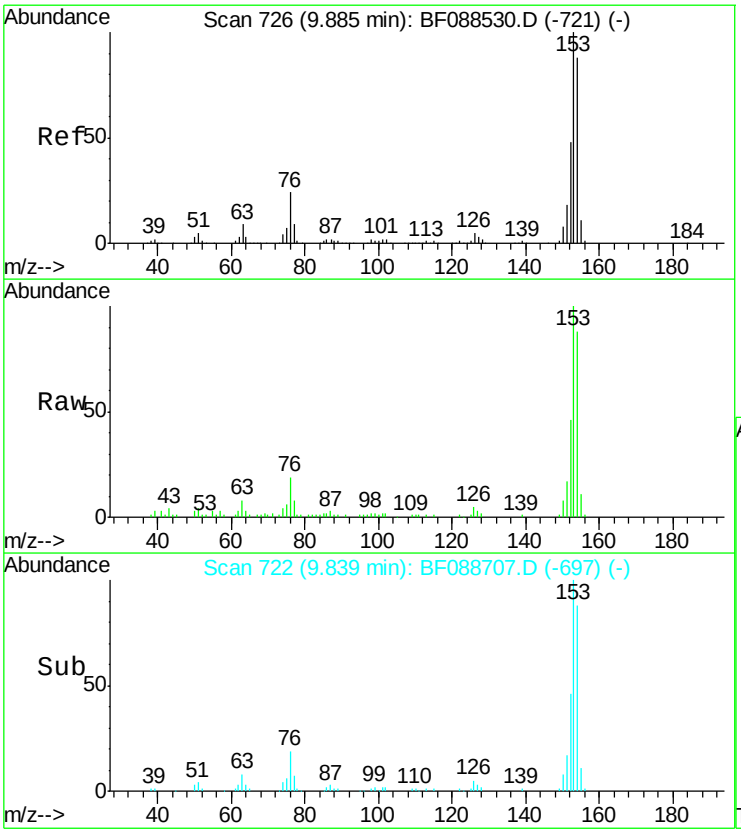
#50
2,6-Dinitrotoluene
Concen: 8.28 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.21 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:165 Resp: 38149

Ion	Ratio	Lower	Upper
165	100		
63	1.8	28.1	42.1#
89	2.0	32.2	48.2#

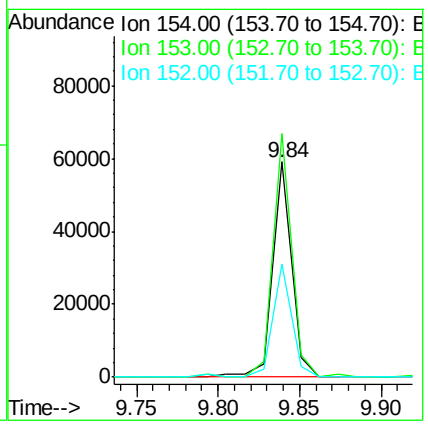


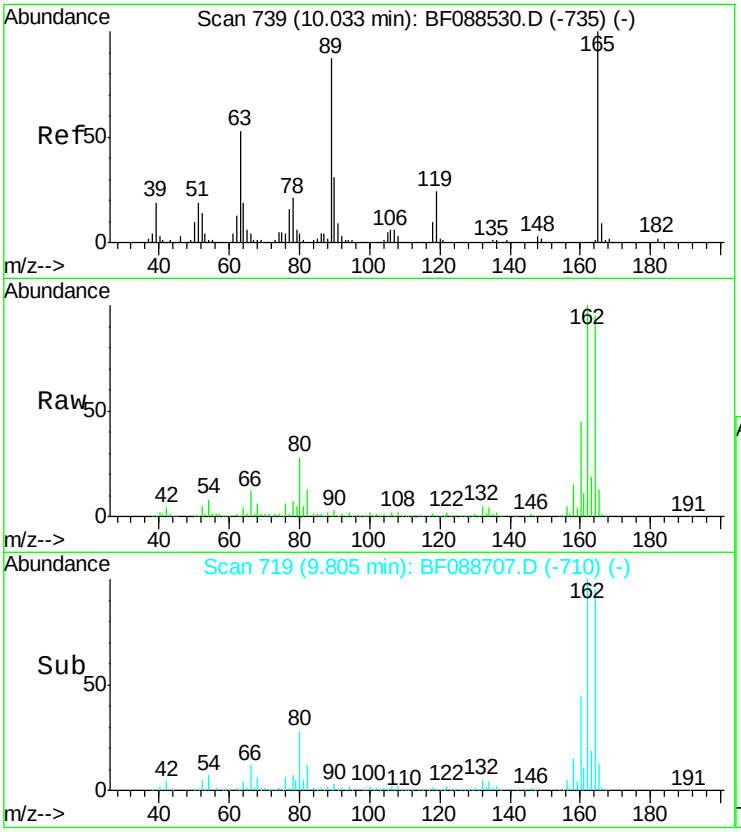


#51
Acenaphthene
Concen: 2.59 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:154 Resp: 47957

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.5	134.3
152	52.5	42.7	64.1



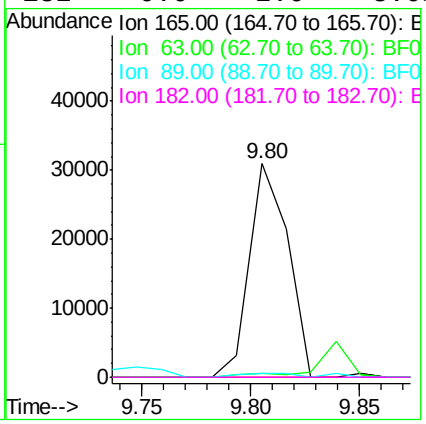


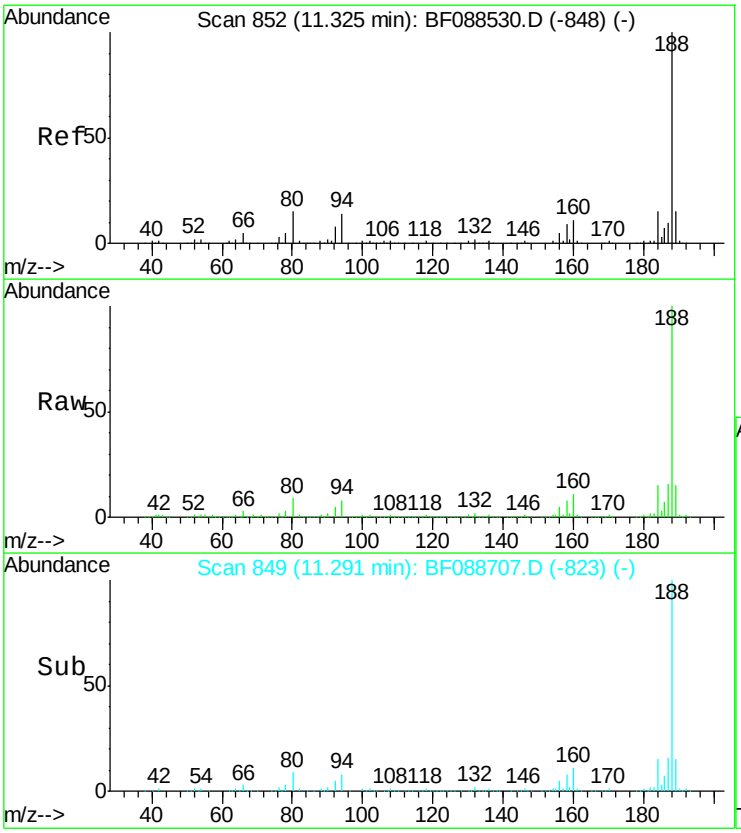
#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.19 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:165 Resp: 38151

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

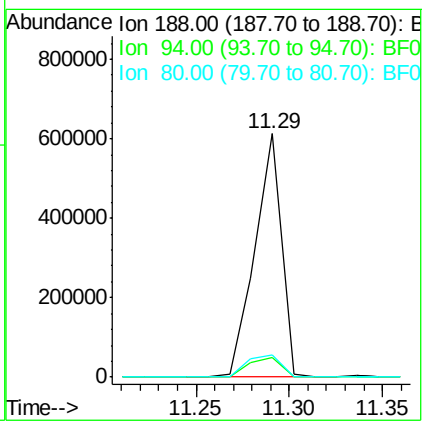


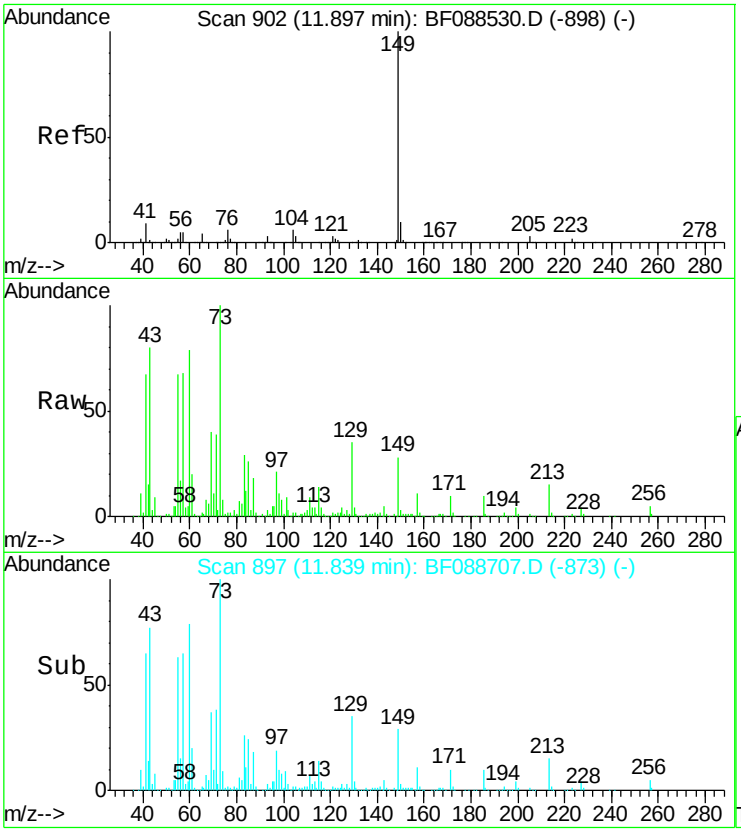


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:188 Resp: 602336

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	9.1	10.0	15.0#



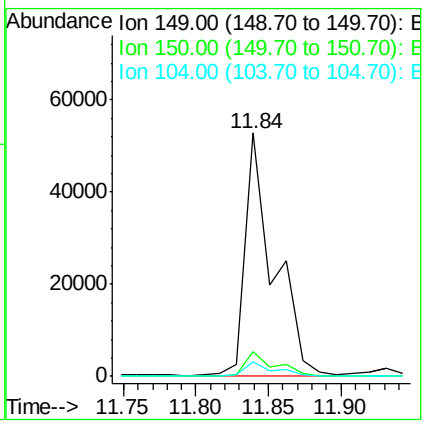


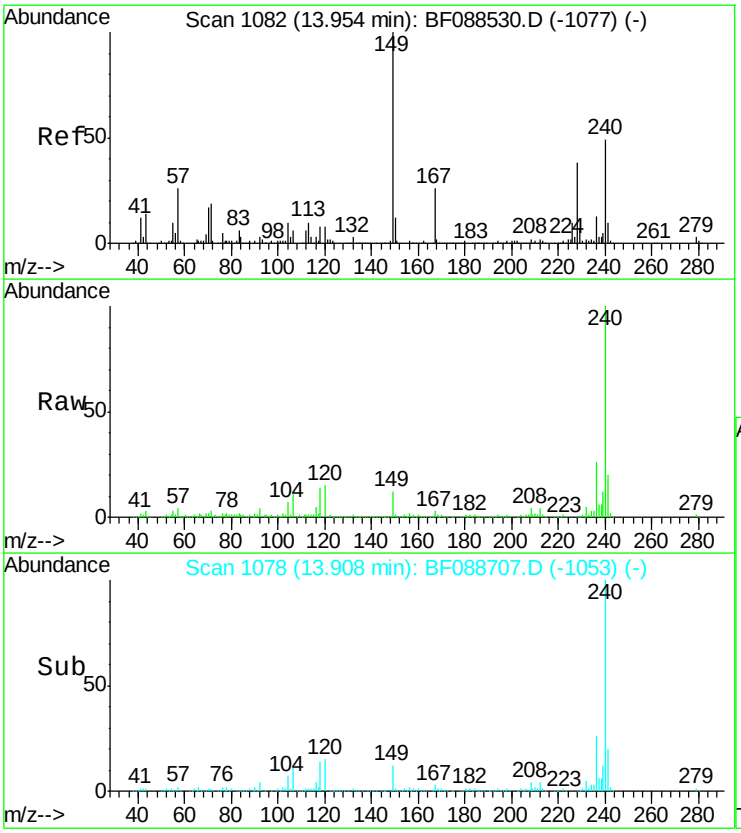
#73
Di-n-butylphthalate
Concen: 2.02 ng
RT: 11.84 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:149 Resp: 72458

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.8	4.0	6.0

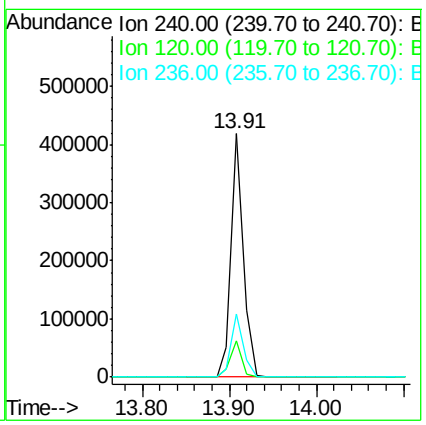


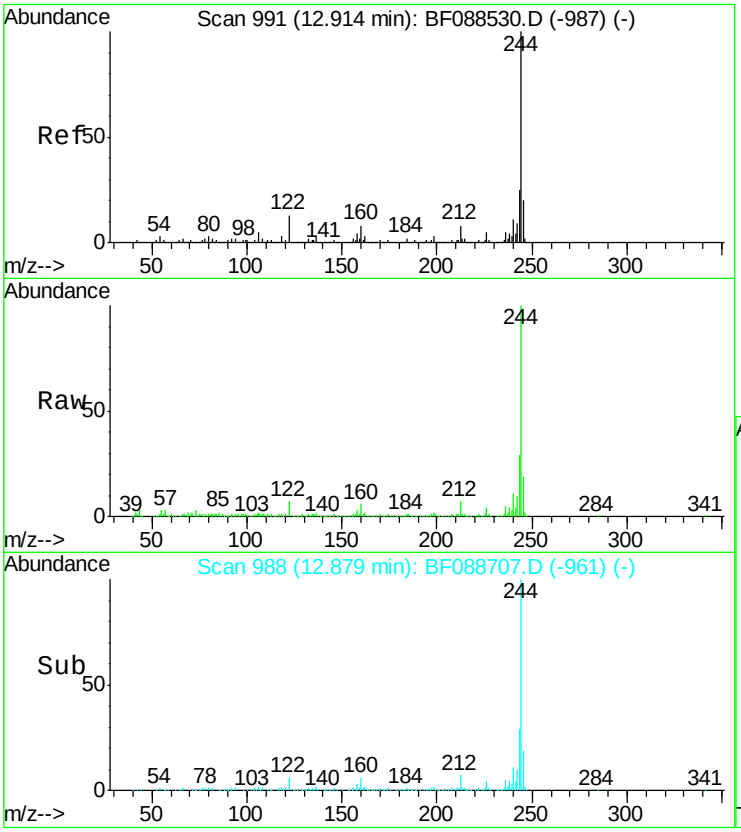


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:240 Resp: 407740

Ion	Ratio	Lower	Upper
240	100		
120	14.9	6.8	10.2#
236	26.2	20.2	30.2



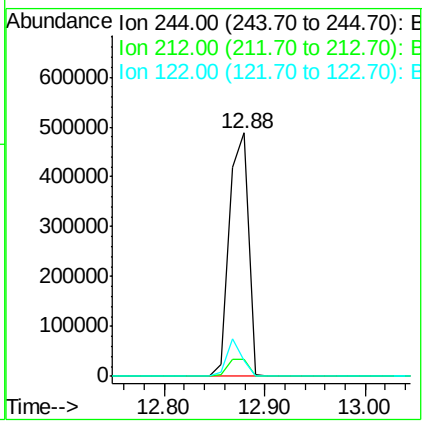


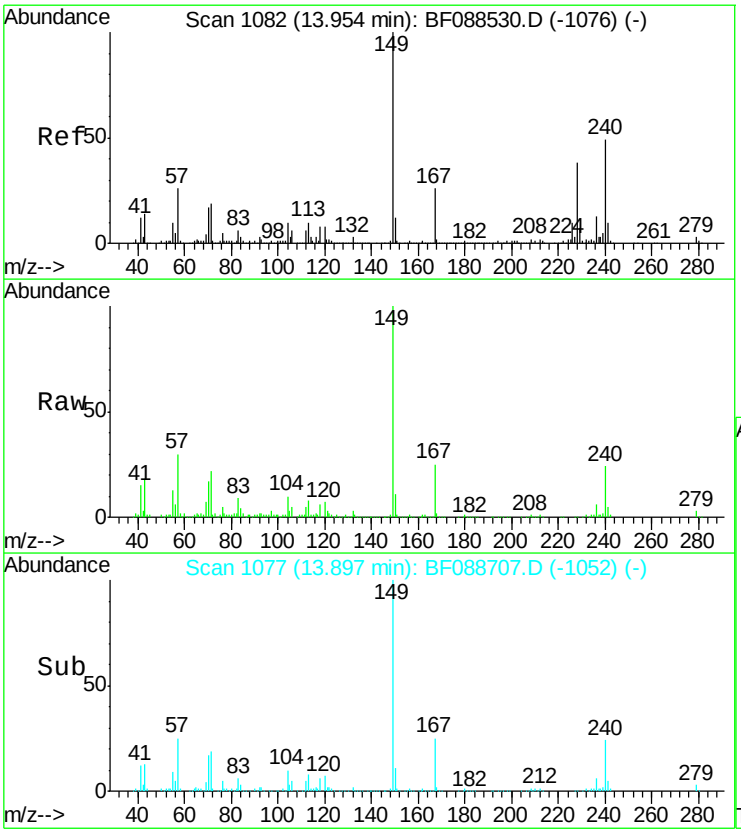
#78
Terphenyl-d14
Concen: 35.07 ng
RT: 12.88 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:244 Resp: 641978

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	6.6	11.2	16.8#

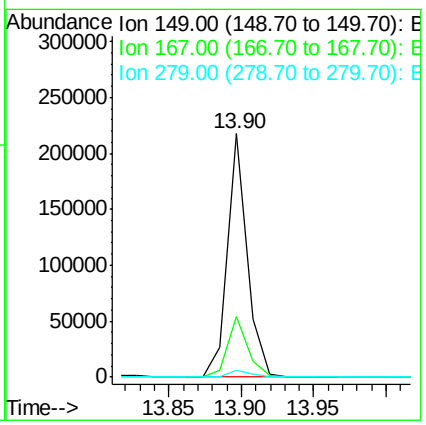


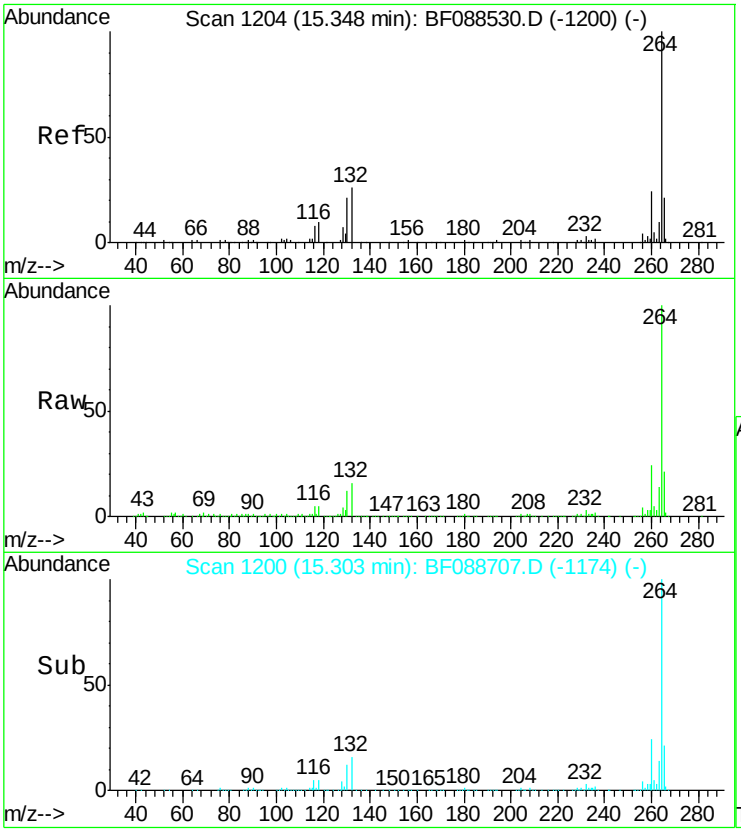


#83
Bis(2-ethylhexyl)phthalate
Concen: 11.57 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion:149 Resp: 203745

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.5	30.7
279	2.7	2.0	3.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:264 Resp: 317314

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	16.9	25.3