Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
Data File : BF096547.D
Acq On : 6 Jul 2017 21:38
Operator : SJ/MA
Sample : I3972-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 07 01:24:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111355	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	409760	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	169701	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	225690	20.00	ng		0.00
75) Chrysene-d12	13.86	240	216007	20.00	ng		0.00
86) Perylene-d12	15.27	264	180890	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	633681	83.99	ng		0.01
7) Phenol-d6	6.36	99	973788	104.99	ng		0.00
23) Nitrobenzene-d5	7.27	82	578544	84.84	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	92922	70.10	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	830919	83.72	ng		0.00
78) Terphenyl-d14	12.82	244	495498	49.02	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	36118	3.42	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	75443	13.65	ng	#	88
25) Isophorone	7.27	82	575643	43.54	ng	#	67
49) Dimethylphthalate	9.46	163	130553	10.31	ng		98
56) 2,4-Dinitrotoluene	9.75	165	21373	6.02	ng	#	32
66) 4-Bromophenyl-phenylether	10.53	248	5800	2.64	ng	#	1

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

Quantitation Report (Not Reviewed)

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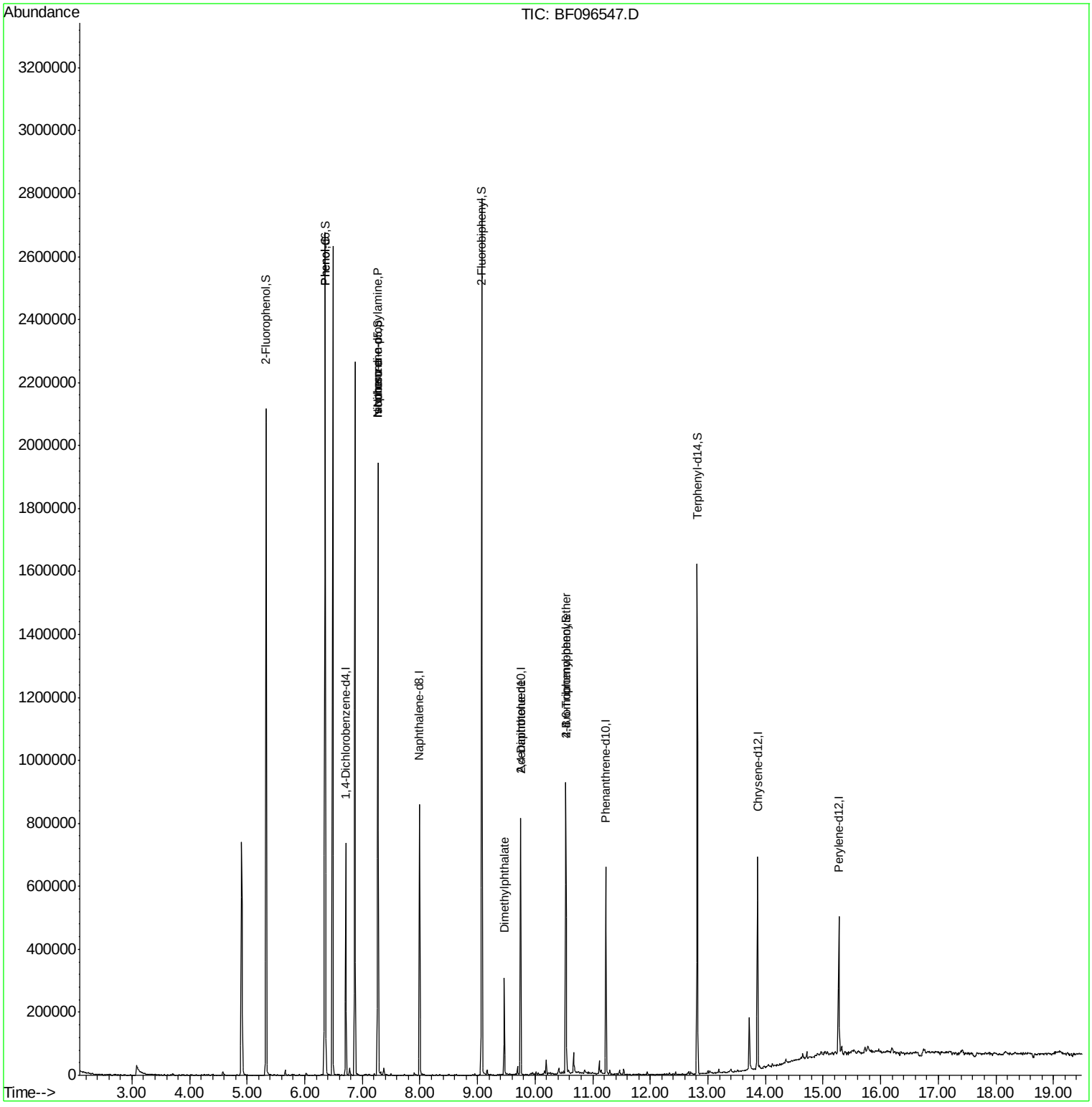
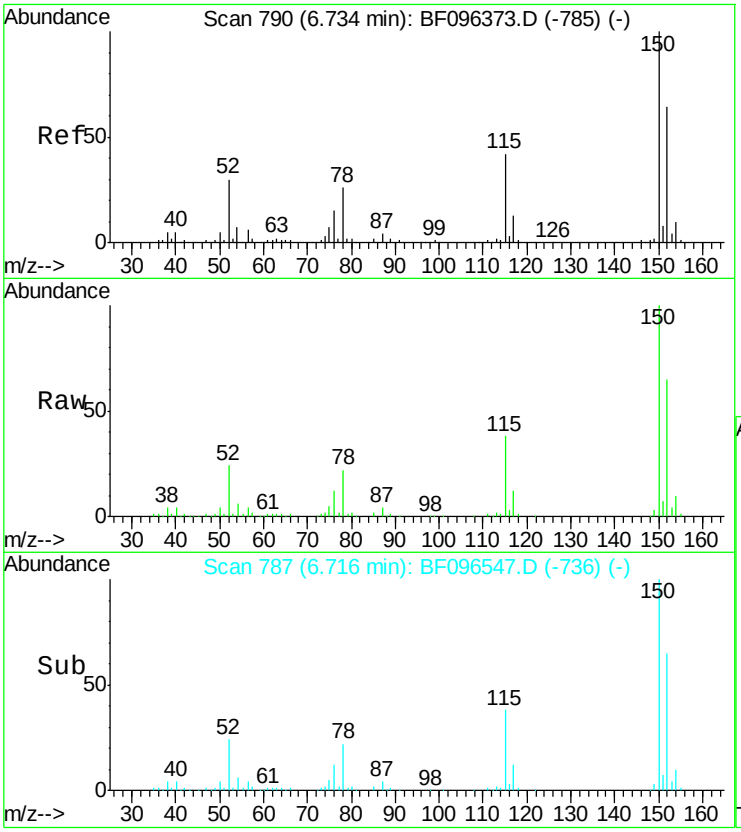


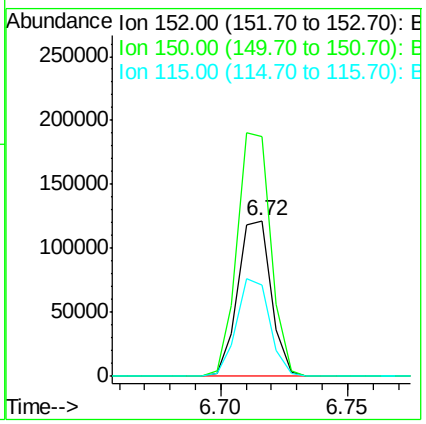


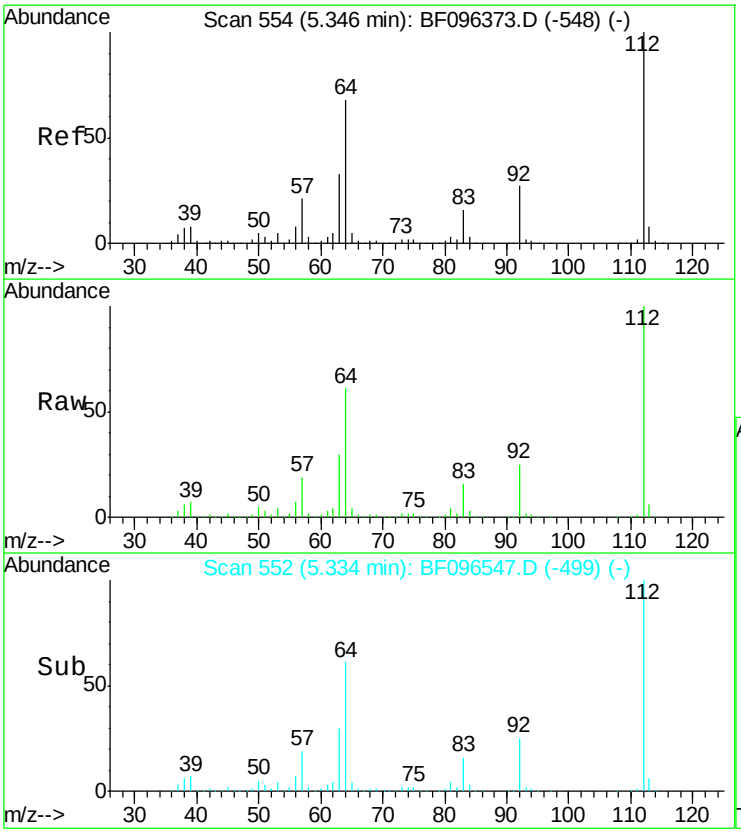
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111355

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	58.6	52.2	78.2

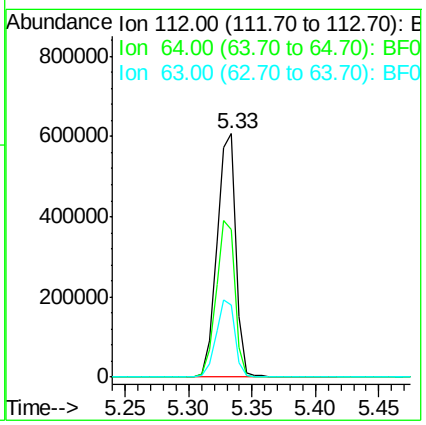


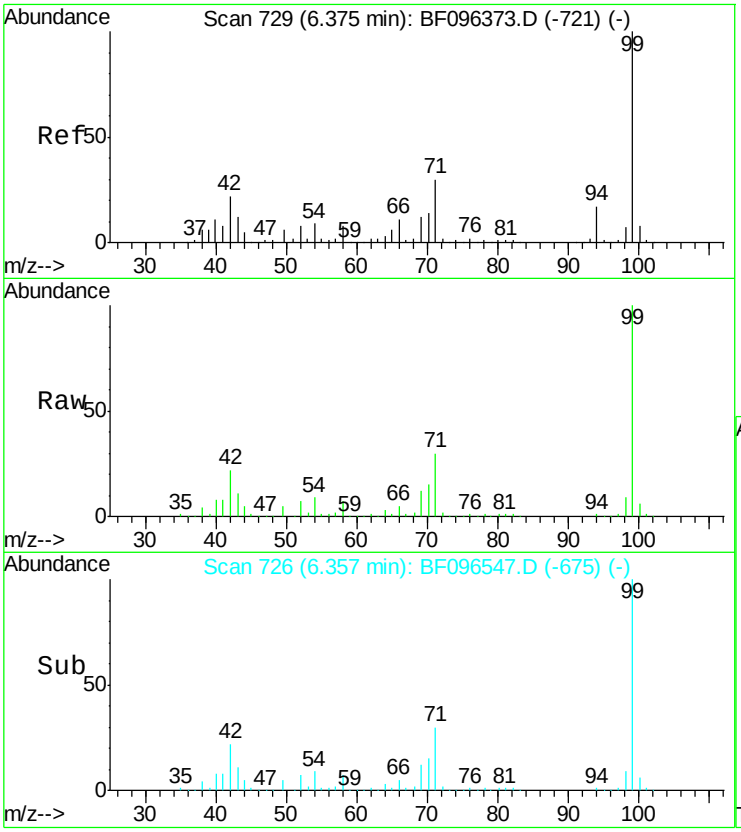


#5
2-Fluorophenol
Concen: 83.99 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:112 Resp: 633681

Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.0	69.0
63	29.8	23.4	35.0



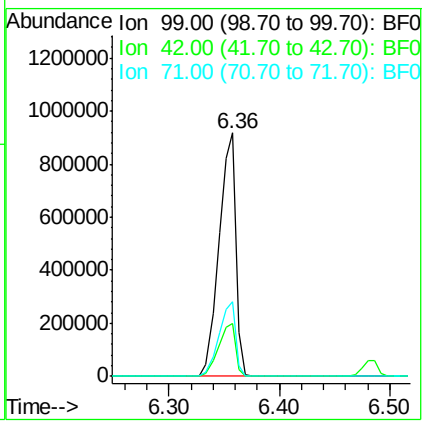


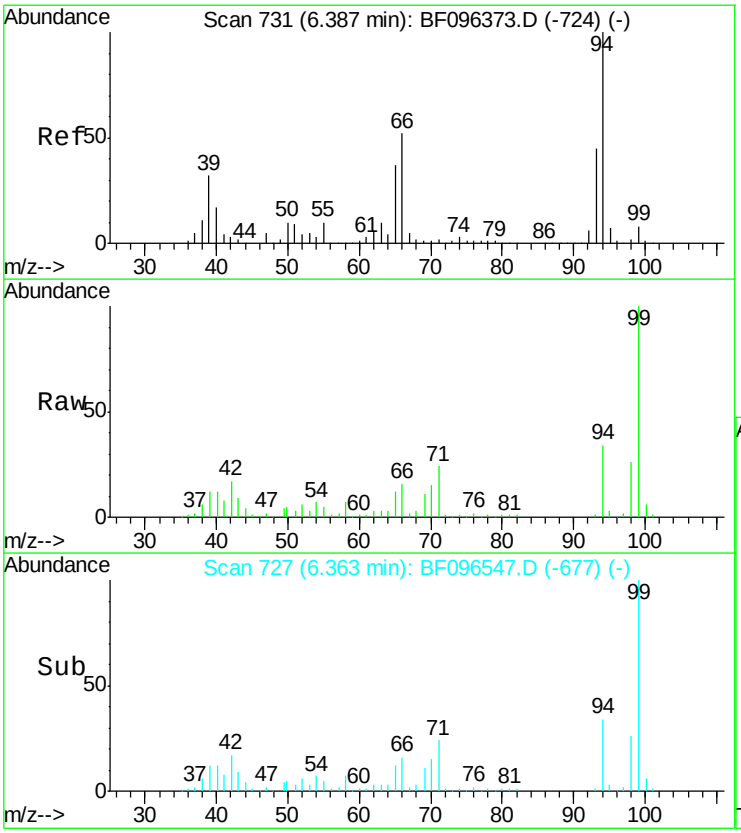
#7
Phenol-d6
Concen: 104.99 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 973788

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	30.4	24.5	36.7

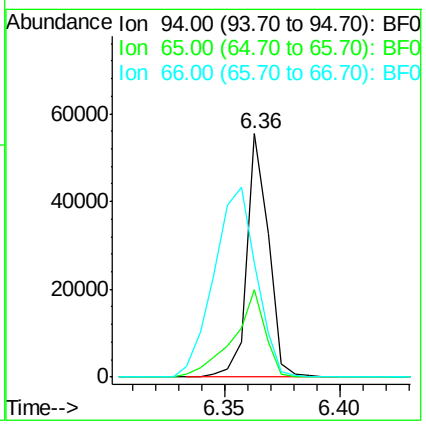


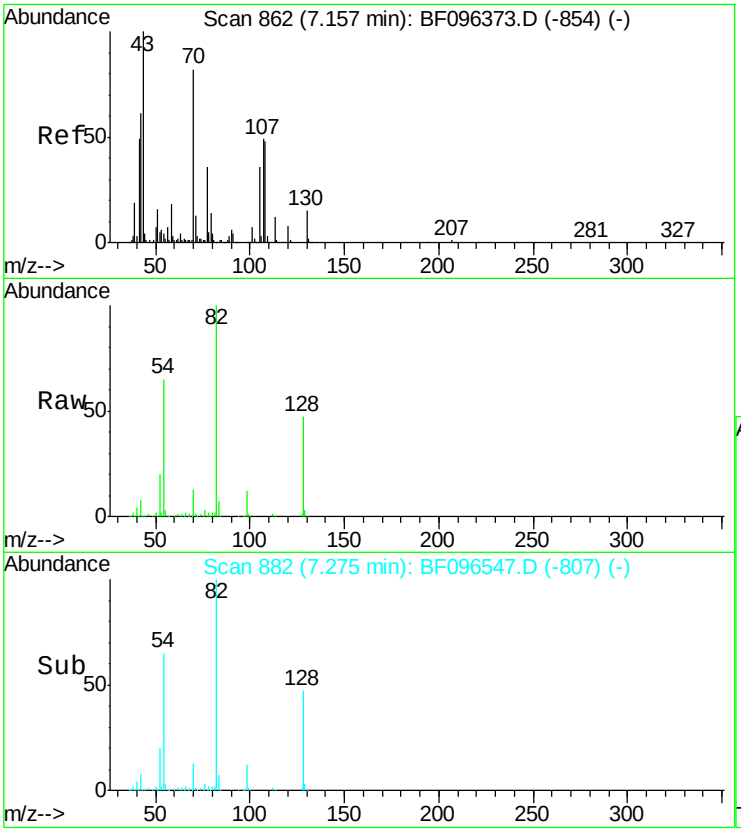


#10
Phenol
Concen: 3.42 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion: 94 Resp: 36118

Ion	Ratio	Lower	Upper
94	100		
65	36.0	9.9	49.9
66	47.2	23.1	63.1



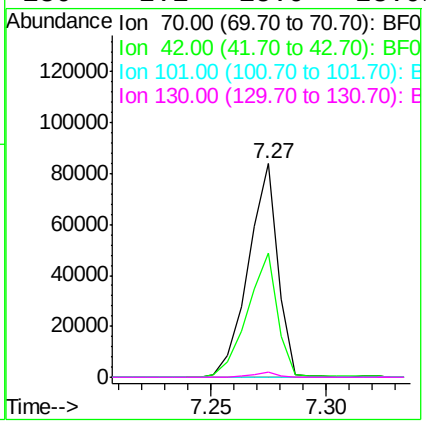


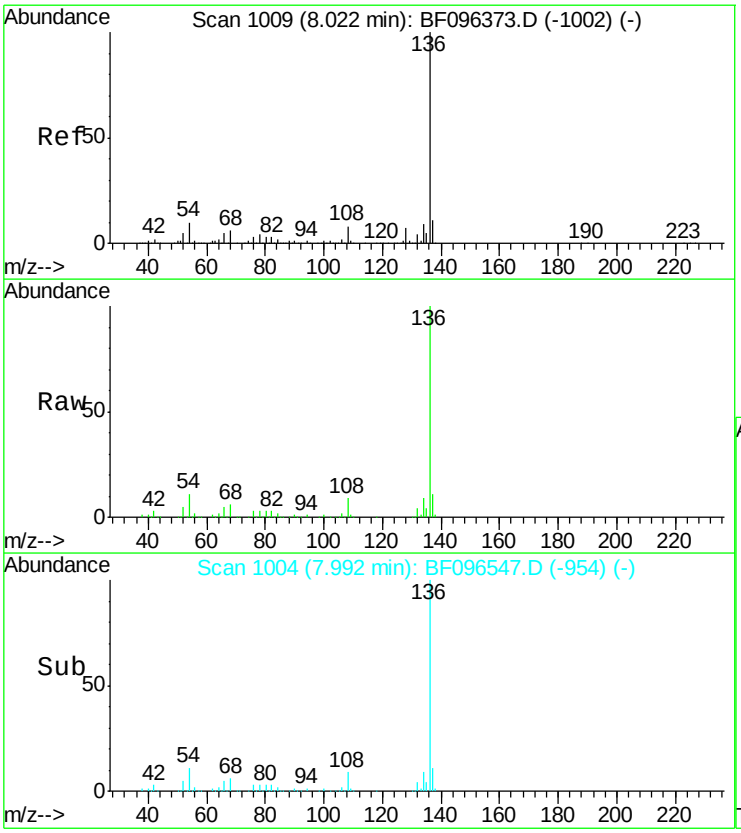
#19
n-Nitroso-di-n-propylamine
Concen: 13.65 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 75443

Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

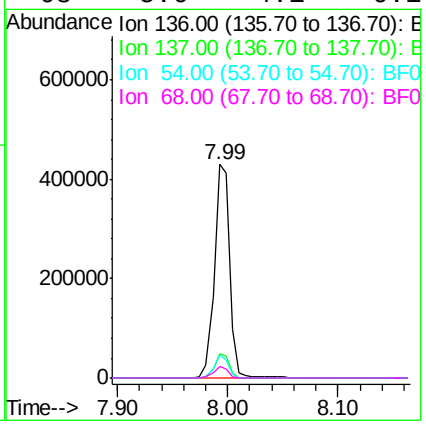


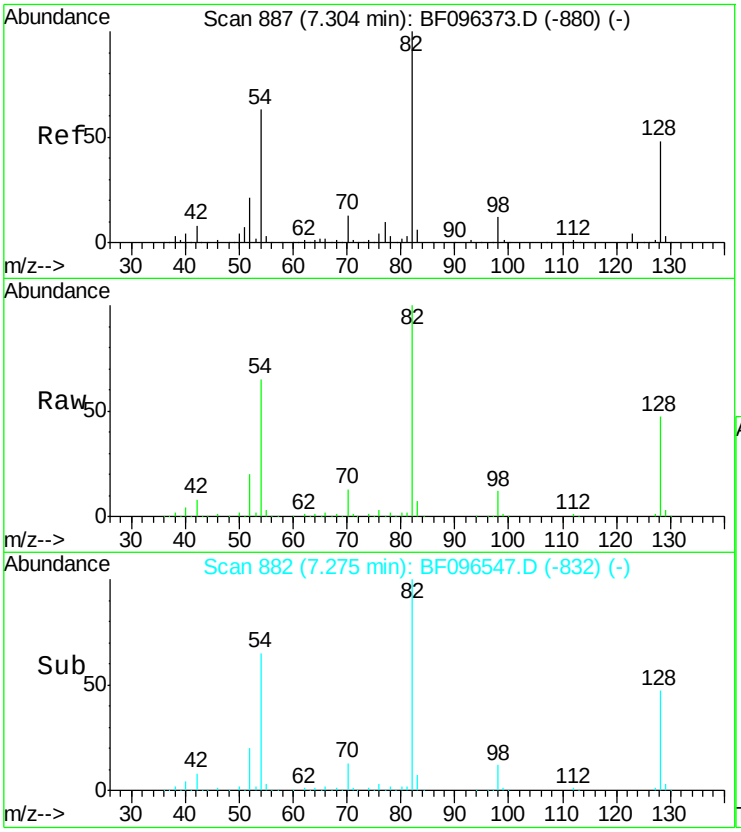


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:136 Resp: 409760

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	10.9	4.9	7.3#
68	5.6	4.1	6.1



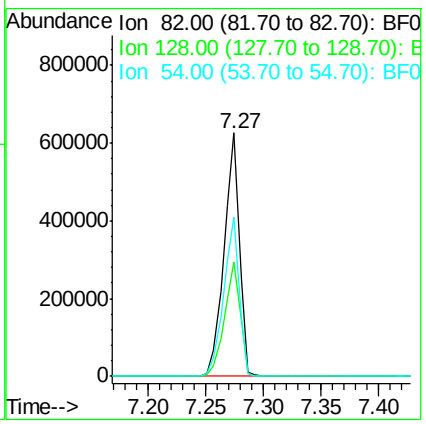


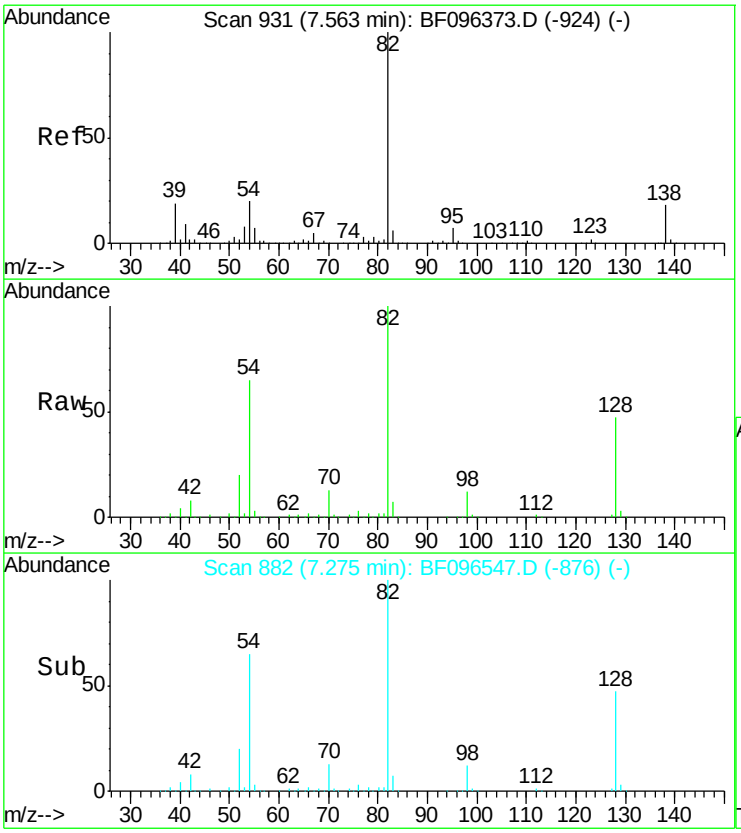
#23
Nitrobenzene-d5
Concen: 84.84 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 578544

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	65.2	42.2	63.2#

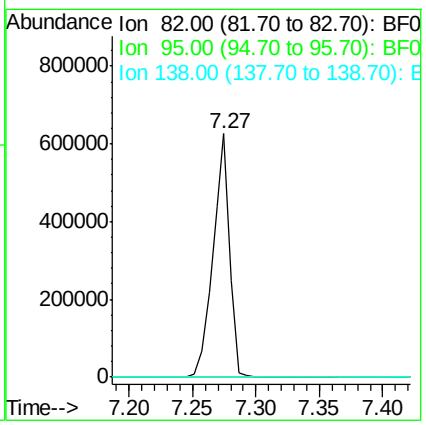


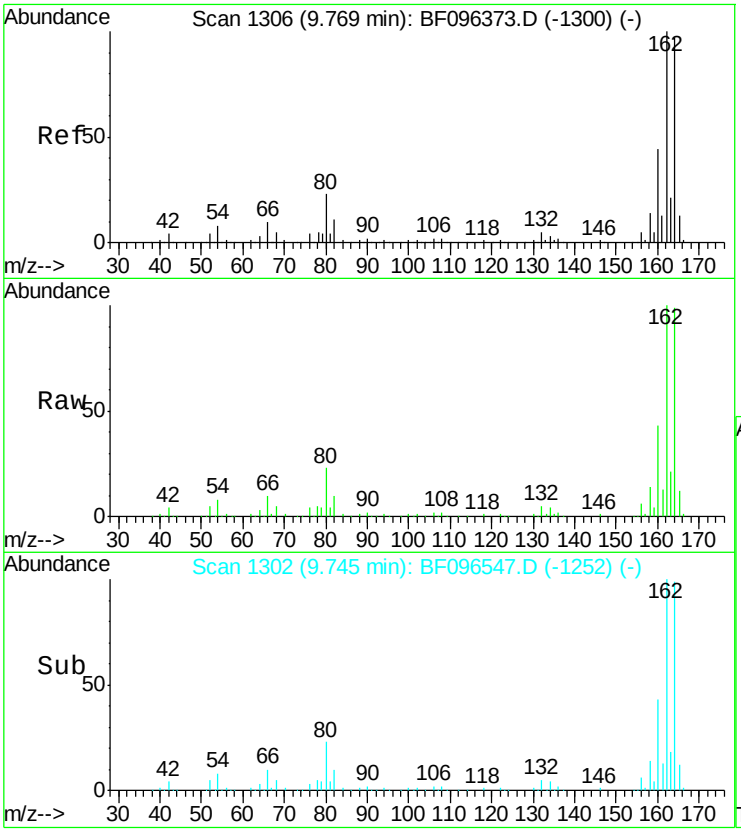


#25
Isophorone
Concen: 43.54 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion: 82 Resp: 575643

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



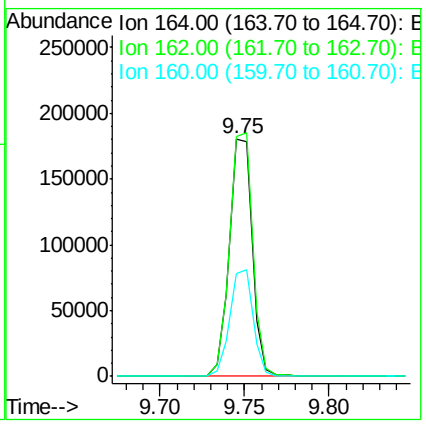


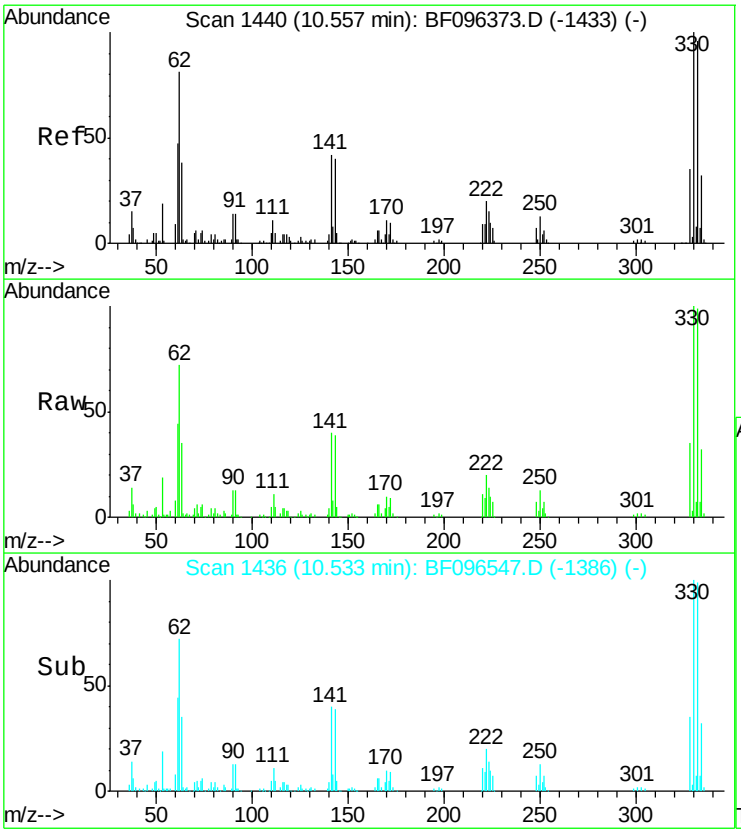
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 169701

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	43.4	36.2	54.2

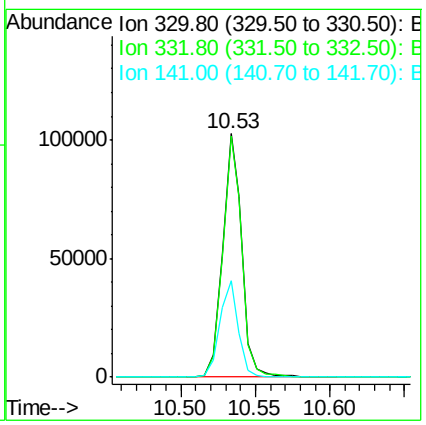


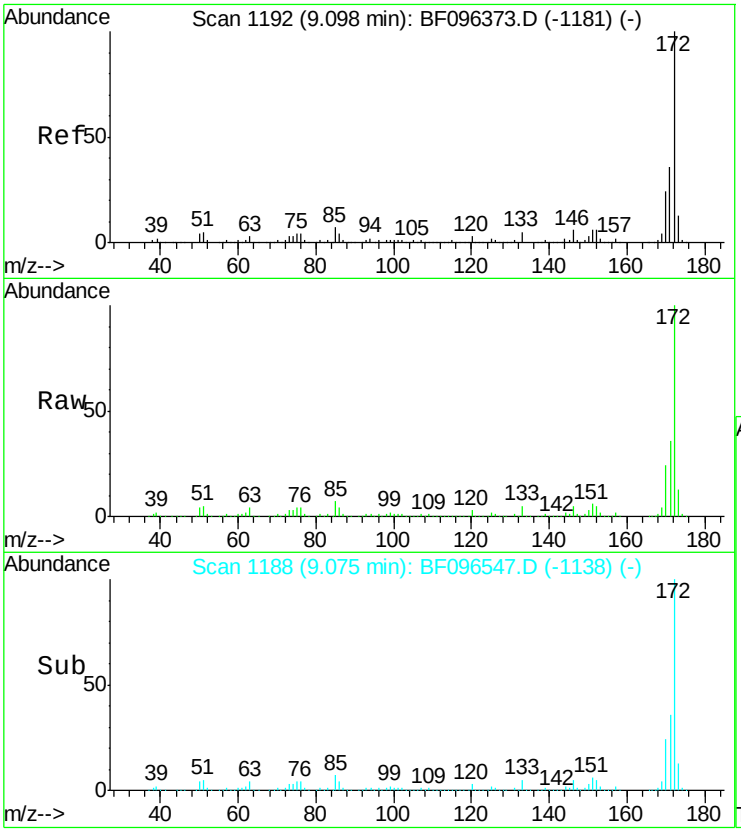


#41
2,4,6-Tribromophenol
Concen: 70.10 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:330 Resp: 92922

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	115.0
141	38.2	31.4	47.2



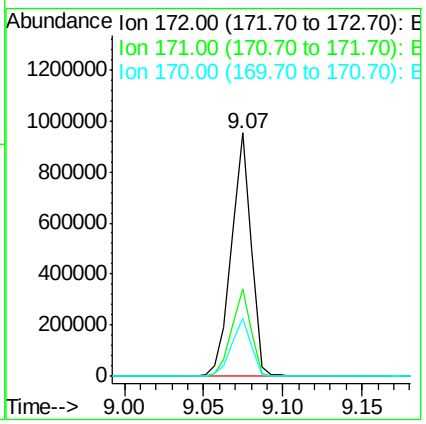


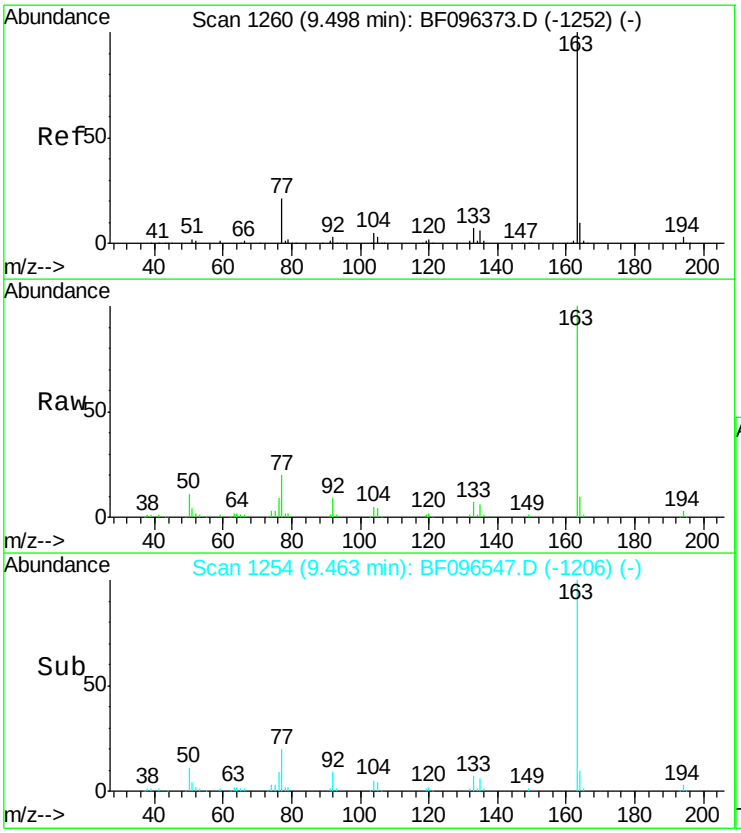
#44
2-Fluorobiphenyl
Concen: 83.72 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 830919

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.8	19.8	29.8

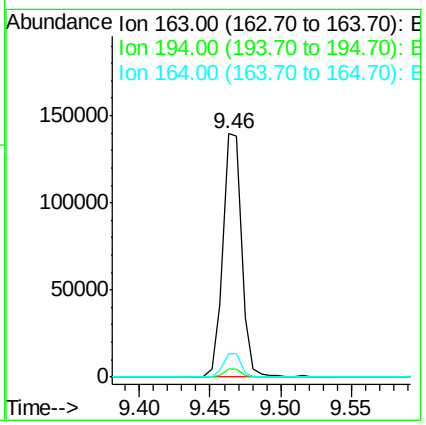


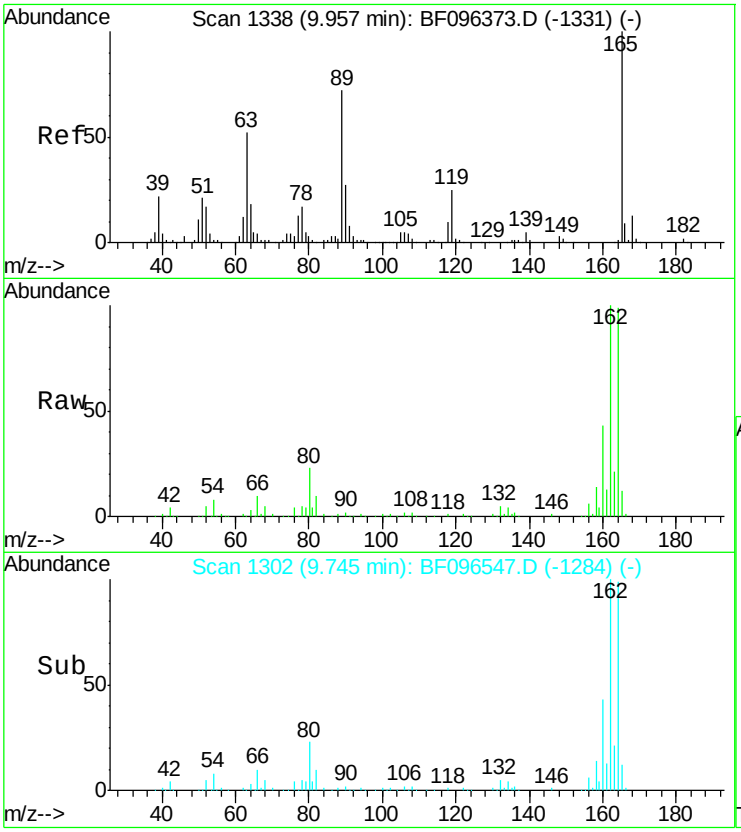


#49
Dimethylphthalate
Concen: 10.31 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:163 Resp: 130553

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.4	12.6



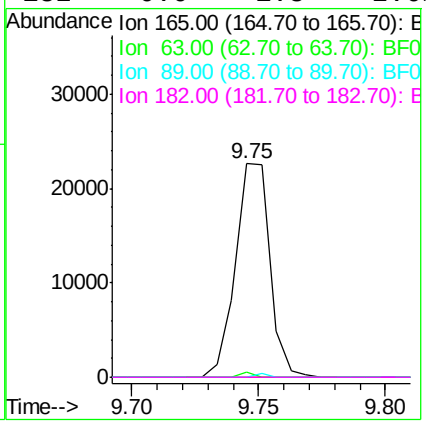


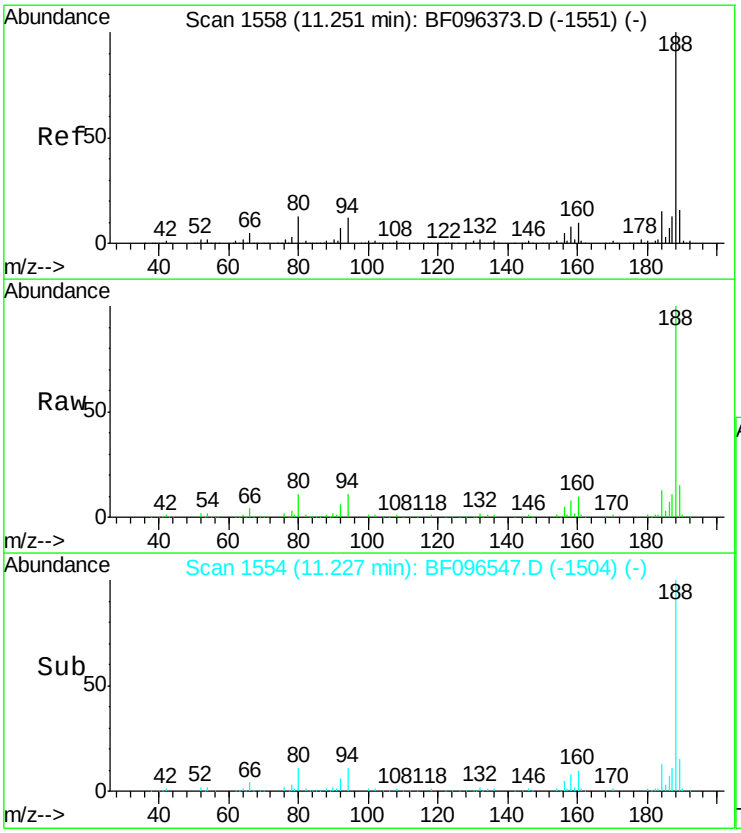
#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.19 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21373

Ion	Ratio	Lower	Upper
165	100		
63	2.2	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

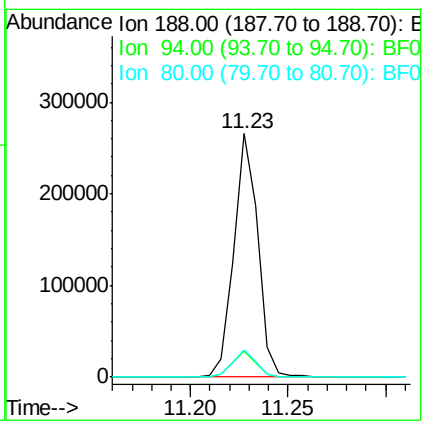


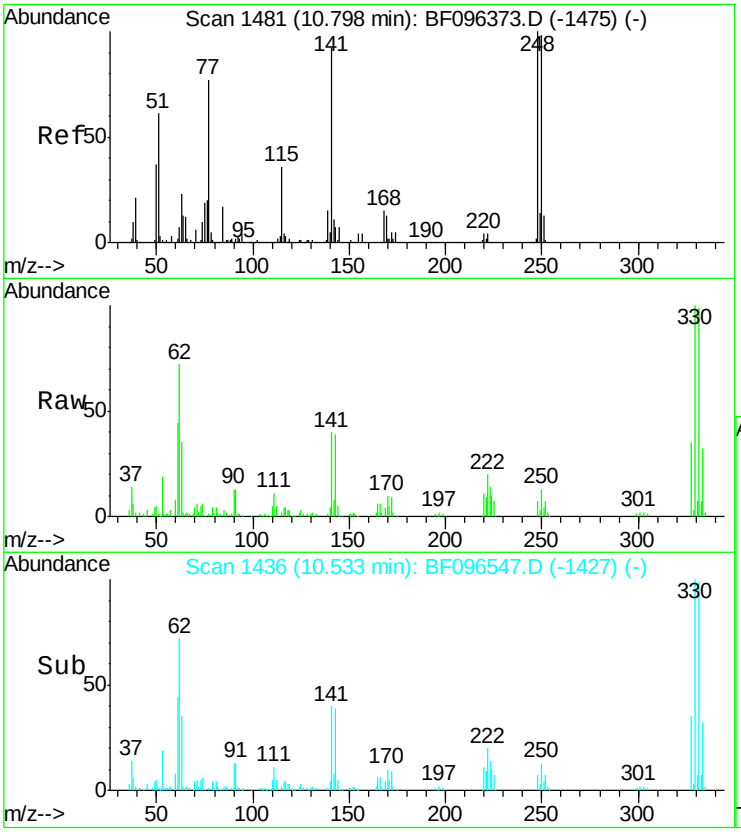


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:188 Resp: 225690

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.4	10.2	15.2



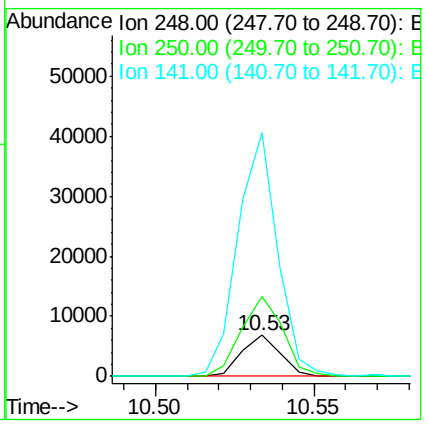


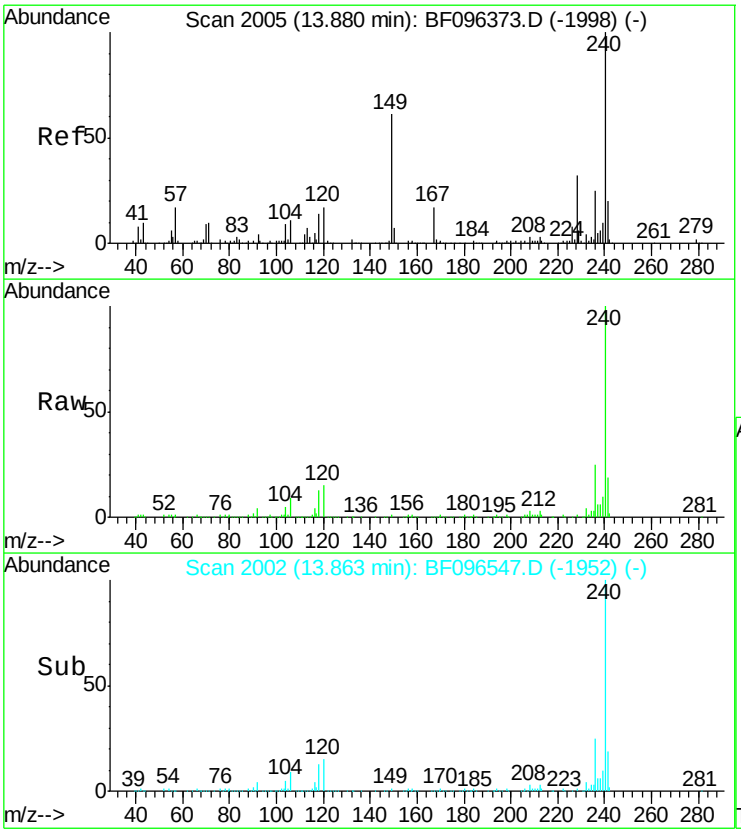
#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5800

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.8	115.2#
141	590.0	68.6	103.0#

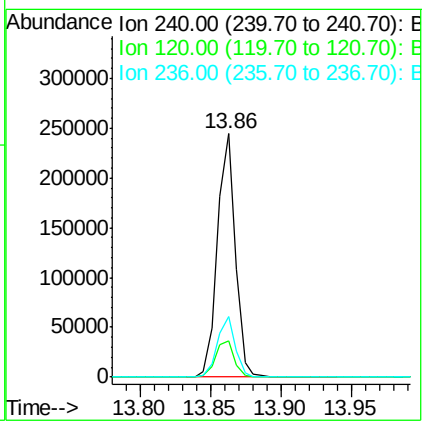


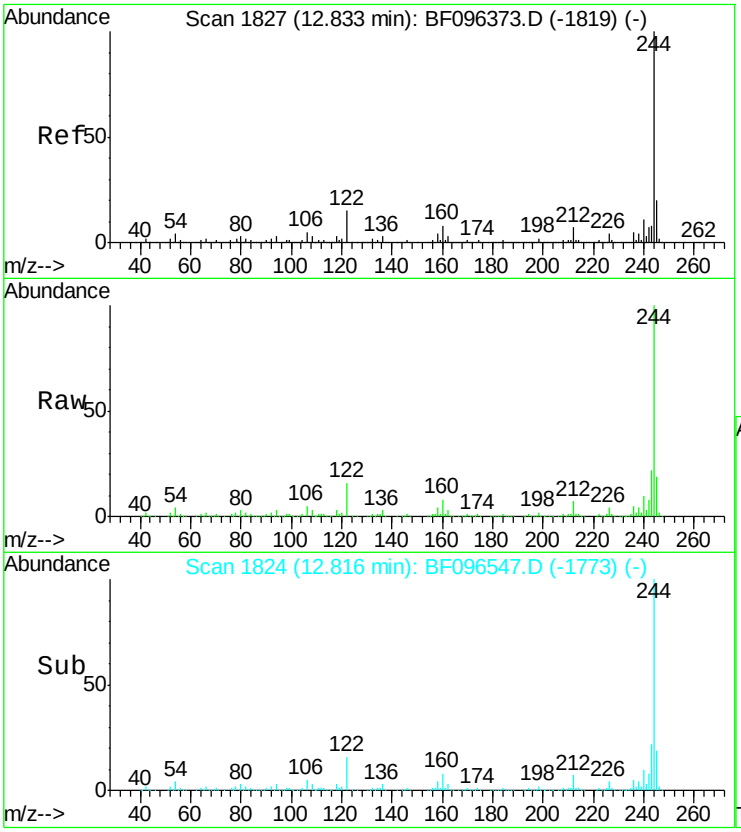


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:240 Resp: 216007

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	24.6	20.5	30.7



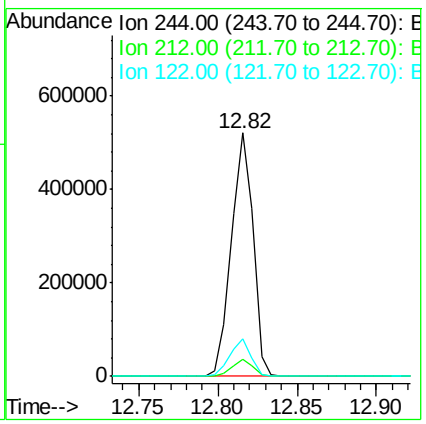


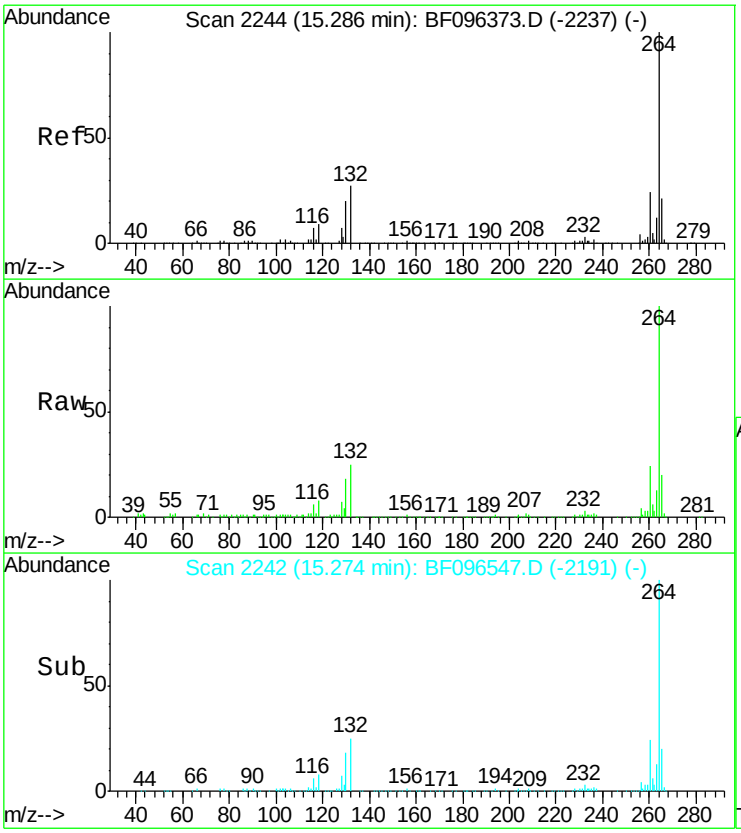
#78
Terphenyl-d14
Concen: 49.02 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :

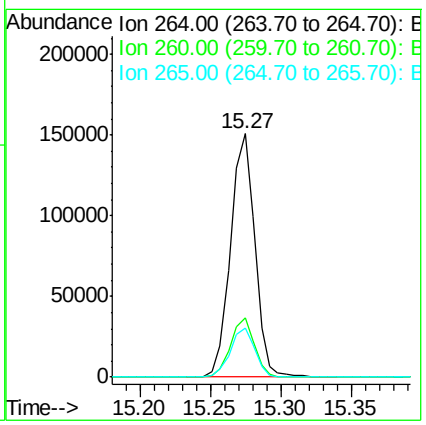
Tgt Ion:244 Resp: 495498

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.6	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:264 Resp: 180890

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.3	17.2	25.8