Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096606.D
Acq On : 10 Jul 2017 17:39
Operator : SJ/JU
Sample : PB100517BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 11 01:09:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	106809	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	447789	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	198599	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	343762	20.00	ng		-0.02
75) Chrysene-d12	13.82	240	242206	20.00	ng		-0.03
86) Perylene-d12	15.21	264	177681	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	853498	117.94	ng		0.00
7) Phenol-d6	6.33	99	1010235	113.56	ng		-0.02
23) Nitrobenzene-d5	7.25	82	601815	80.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	213342	137.52	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1080569	93.03	ng		-0.02
78) Terphenyl-d14	12.78	244	835802	73.74	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	16198	2.91	ng		85
19) n-Nitroso-di-n-propylamine	7.25	70	78660	14.84	ng	#	88
25) Isophorone	7.25	82	598861	41.45	ng	#	67
49) Dimethylphthalate	9.72	163	57503	3.88	ng	#	1
50) 2,6-Dinitrotoluene	9.71	165	24792	7.56	ng	#	32
56) 2,4-Dinitrotoluene	9.71	165	24792	5.97	ng	#	32
66) 4-Bromophenyl-phenylether	10.50	248	13012	3.89	ng	#	1

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

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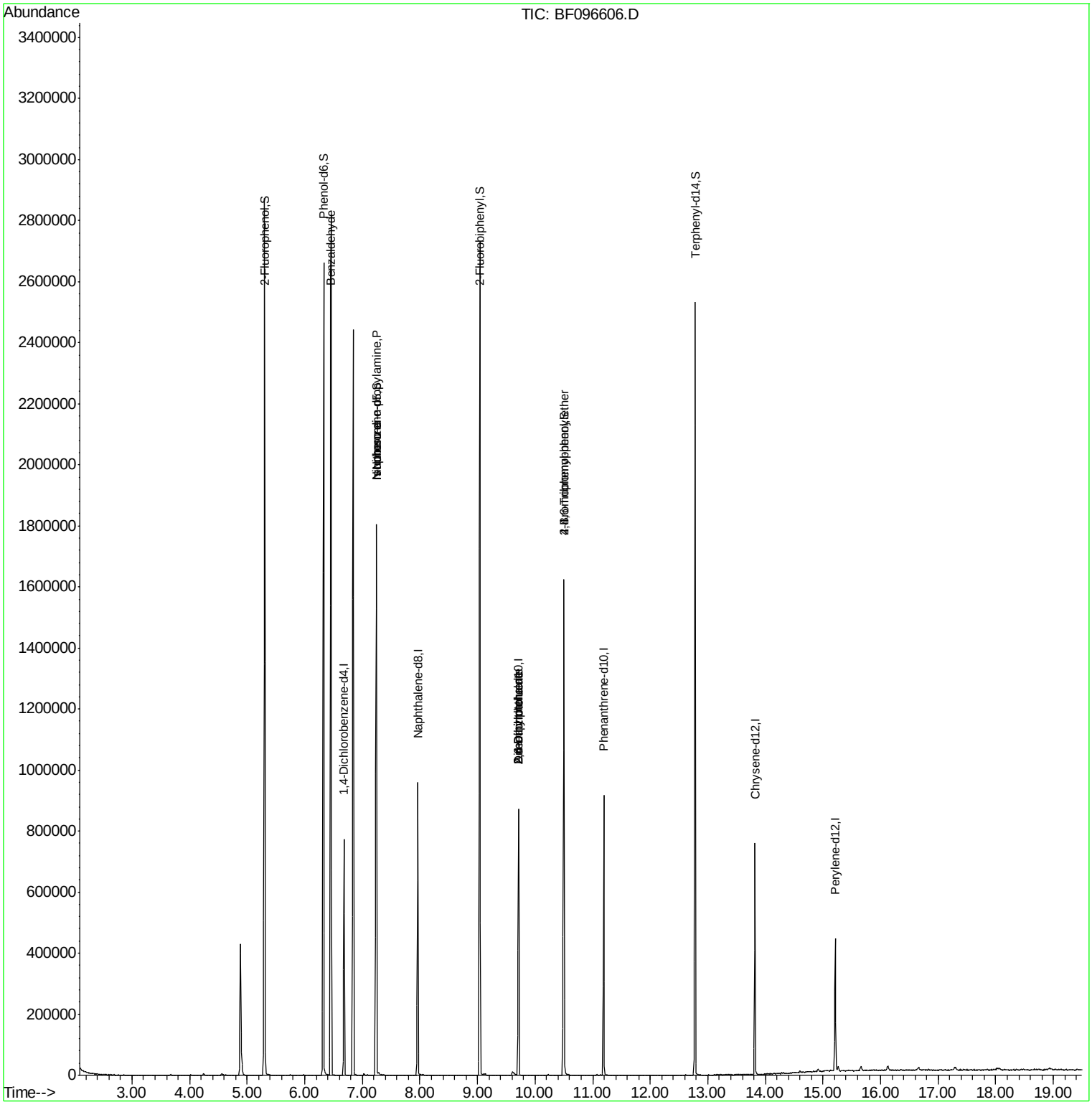
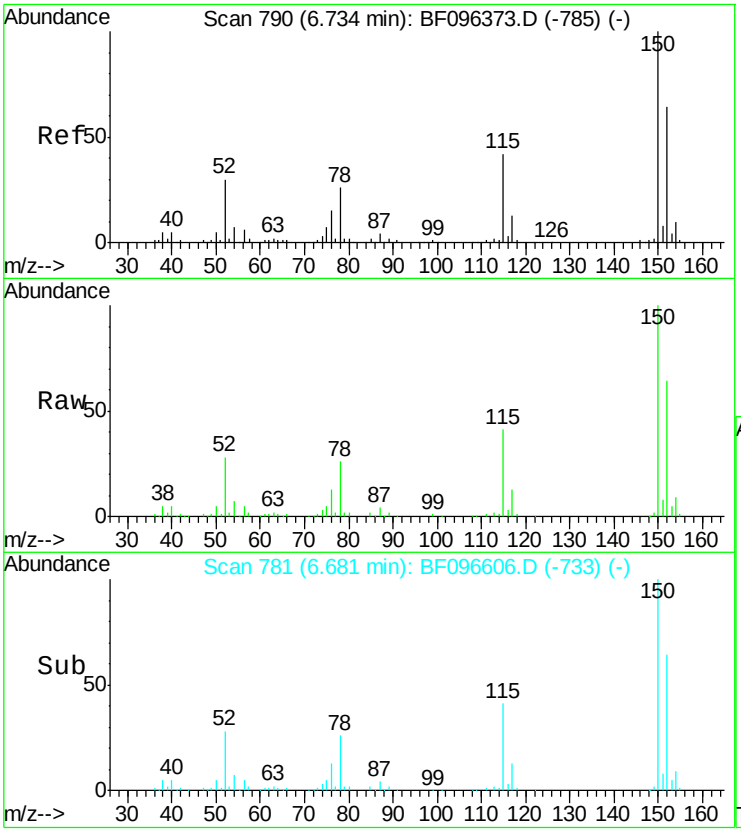


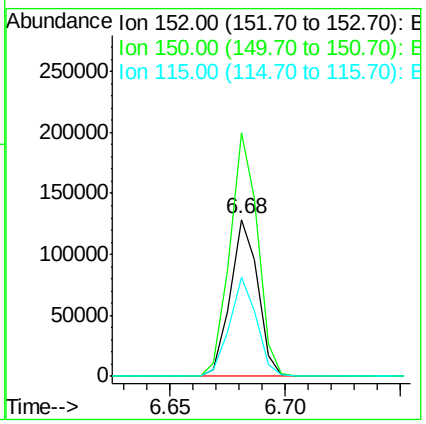


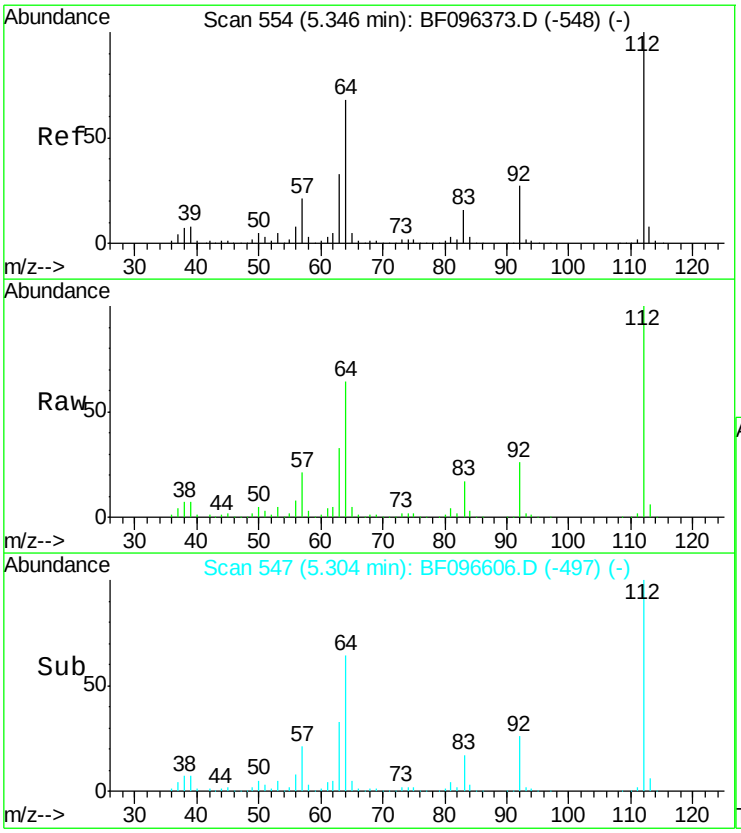
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106809

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	63.4	52.2	78.2

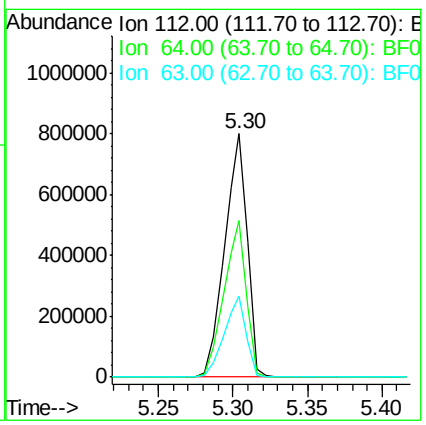


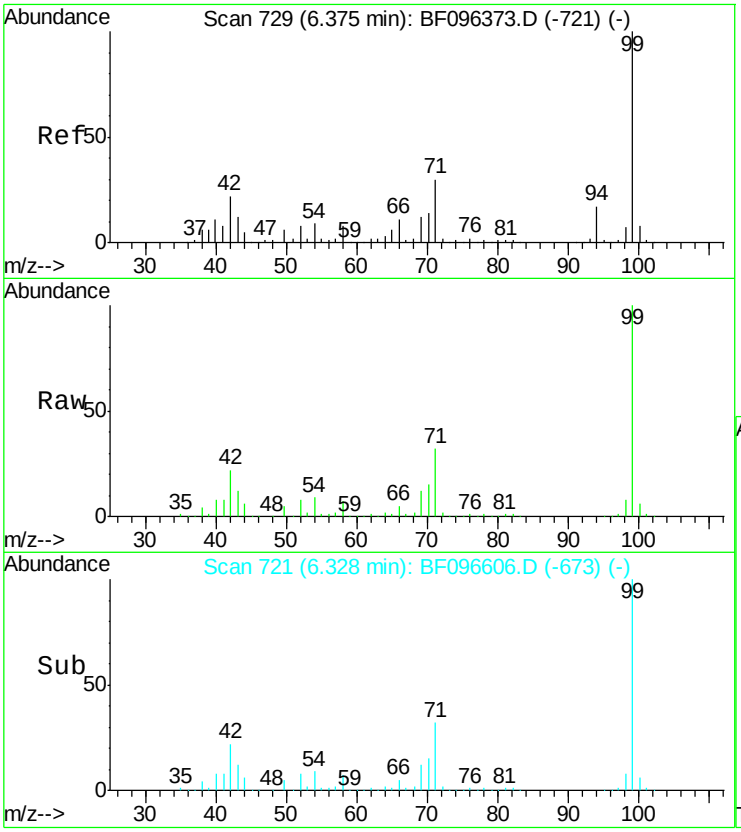


#5
2-Fluorophenol
Concen: 117.94 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:112 Resp: 853498

Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.0	69.0
63	33.1	23.4	35.0



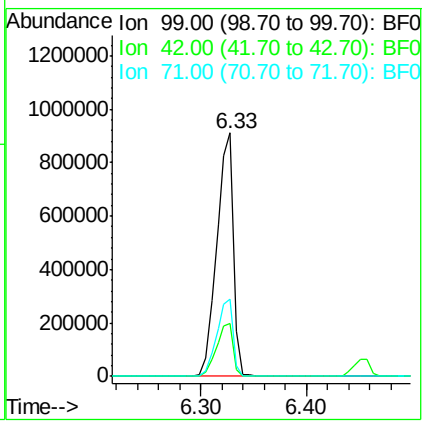


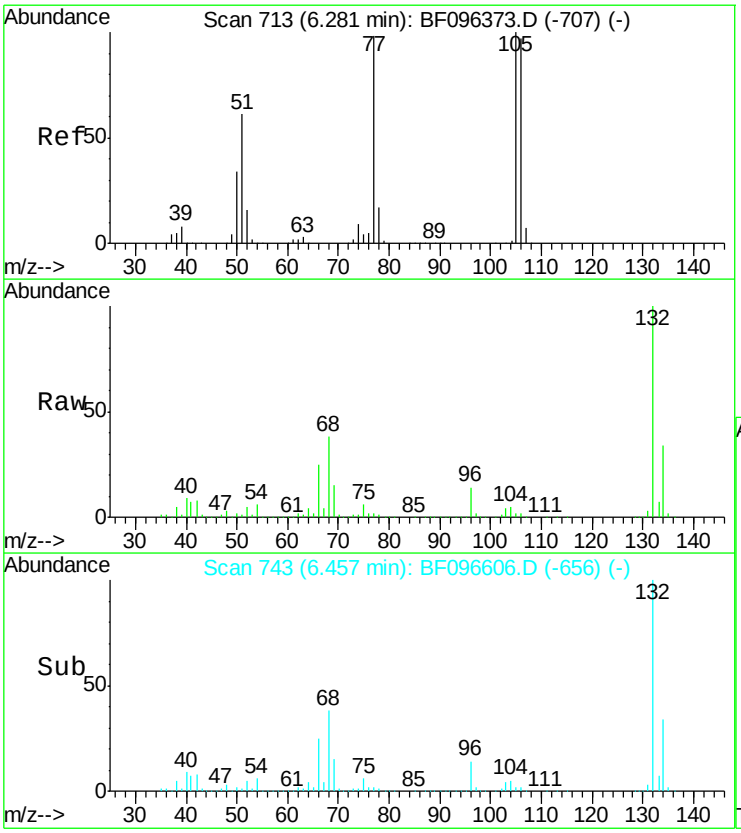
#7
Phenol-d6
Concen: 113.56 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1010235

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.6	24.5	36.7

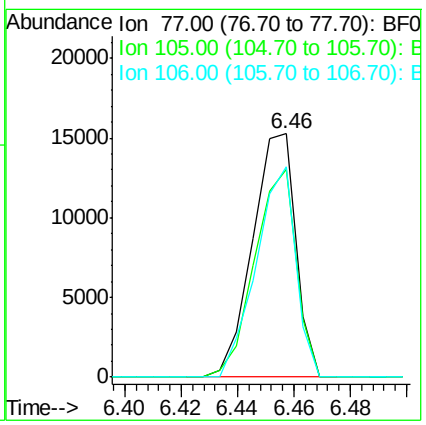


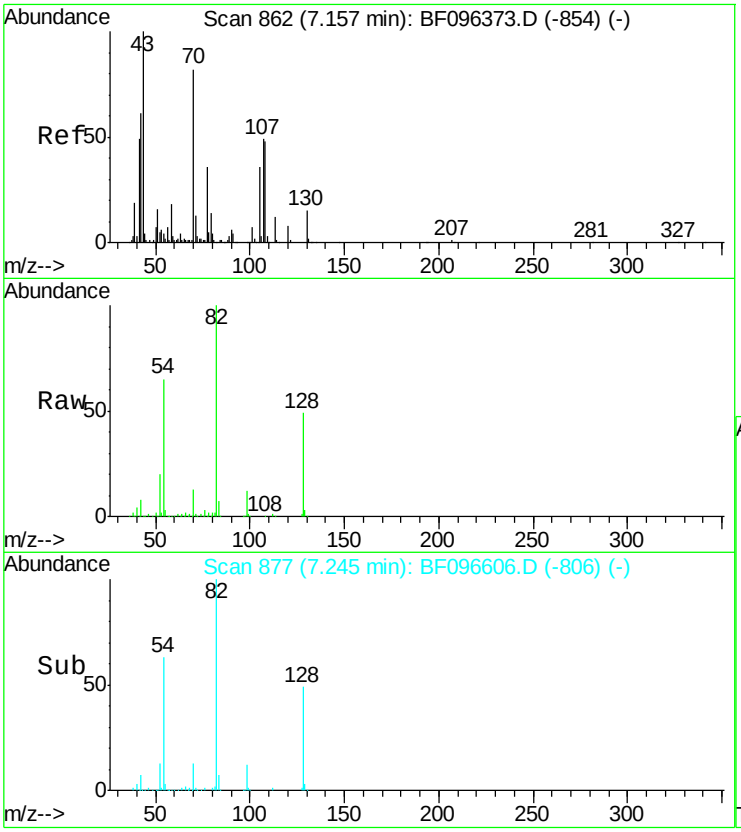


#9
Benzaldehyde
Concen: 2.91 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.21 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion: 77 Resp: 16198

Ion	Ratio	Lower	Upper
77	100		
105	85.3	83.8	123.8
106	86.6	79.1	119.1



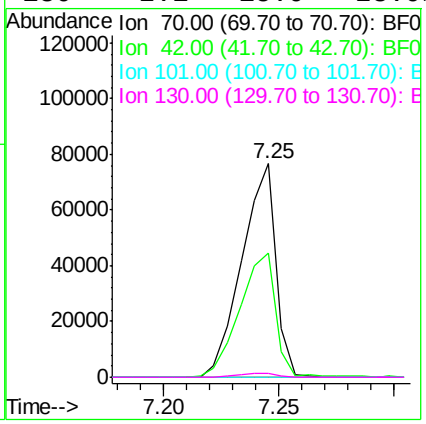


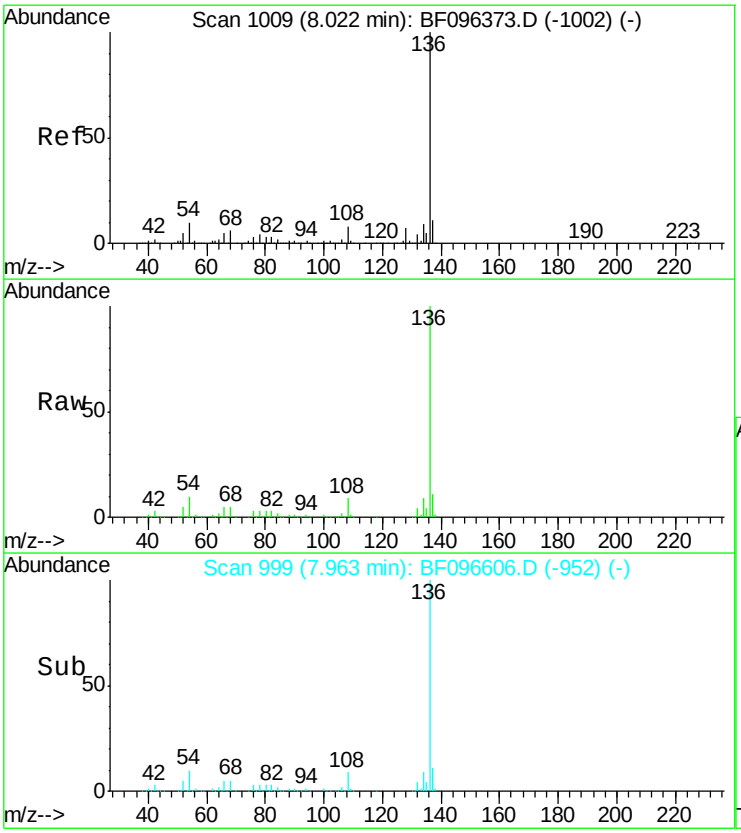
#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 78660

Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

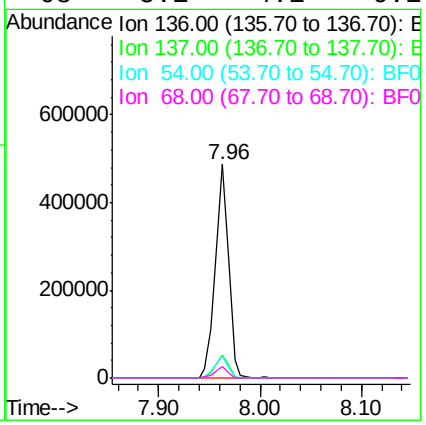


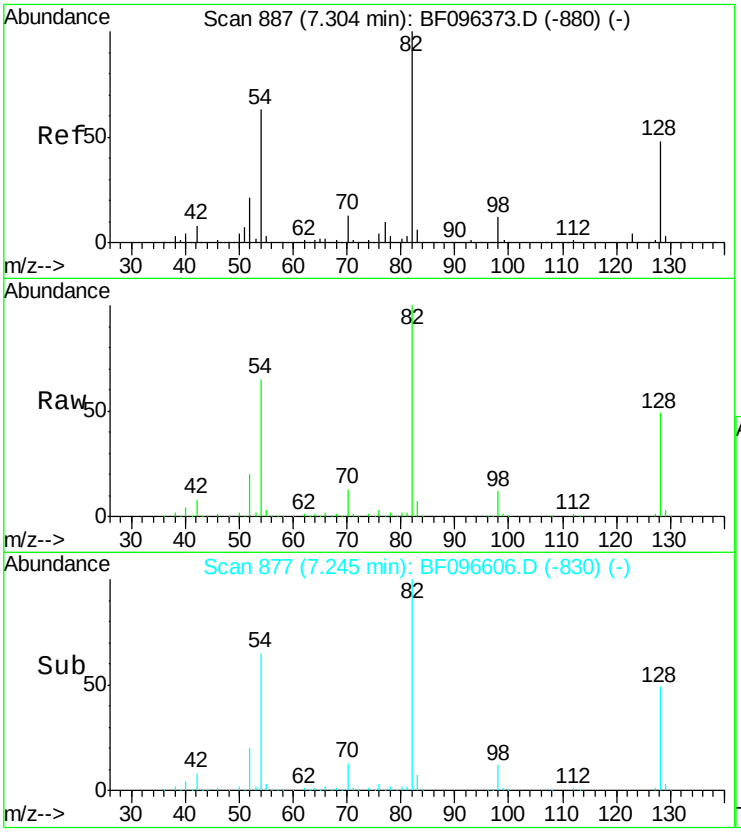


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:136 Resp: 447789

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.1	4.9	7.3#
68	5.1	4.1	6.1



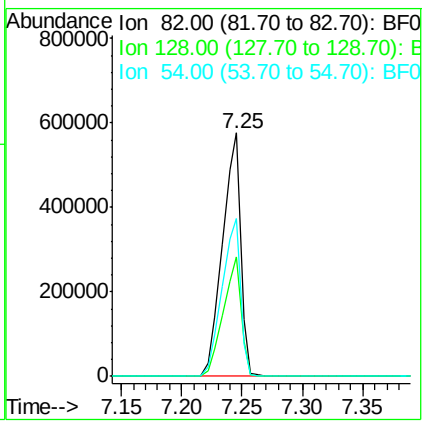


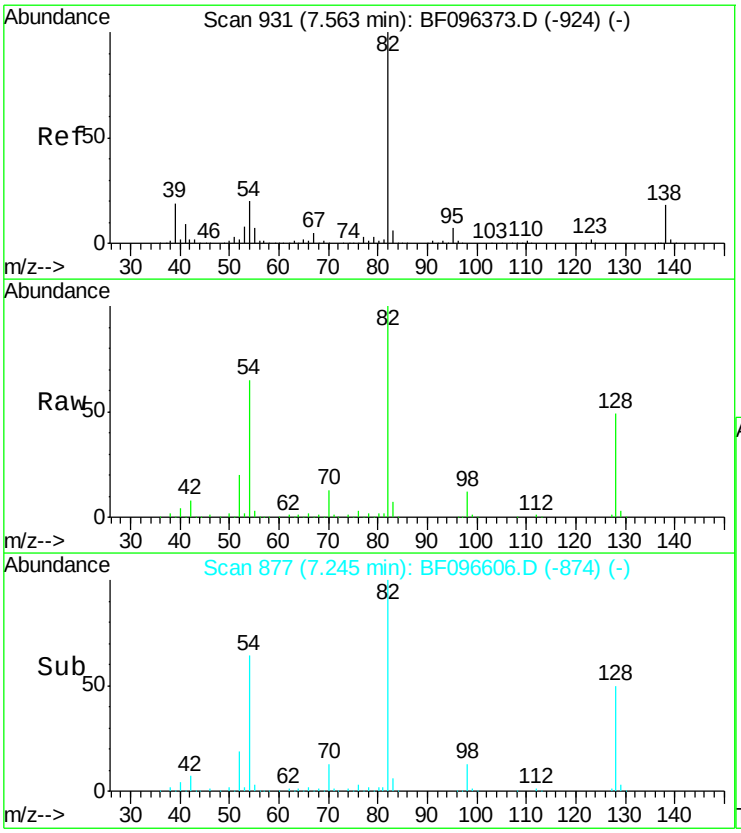
#23
Nitrobenzene-d5
Concen: 80.76 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 601815

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	65.0	42.2	63.2#

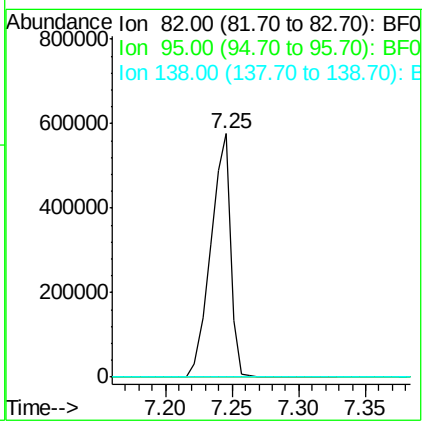


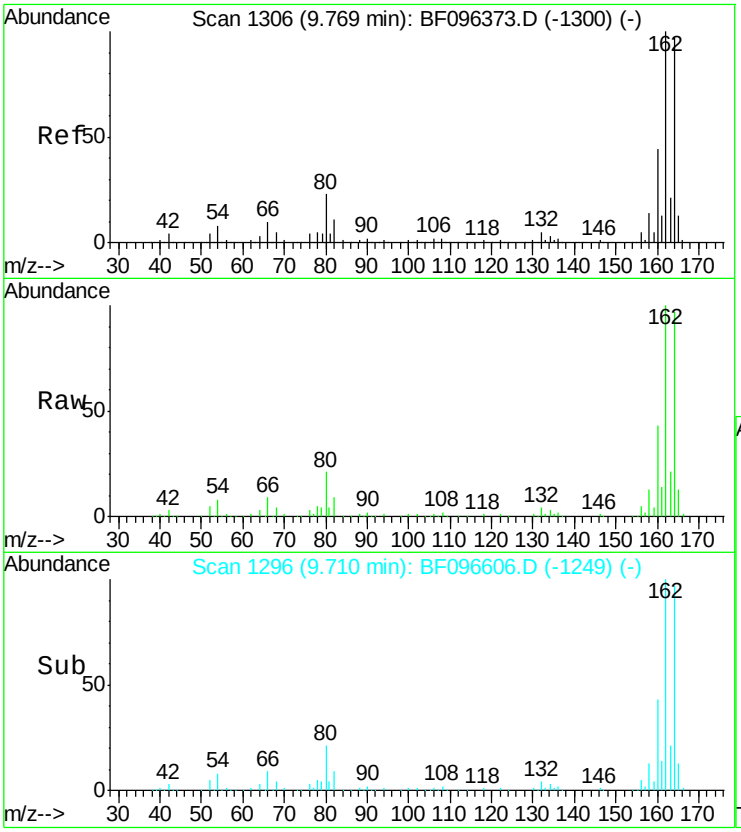


#25
Isophorone
Concen: 41.45 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion: 82 Resp: 598861

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



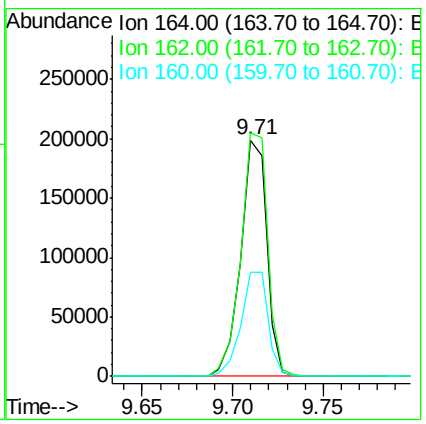


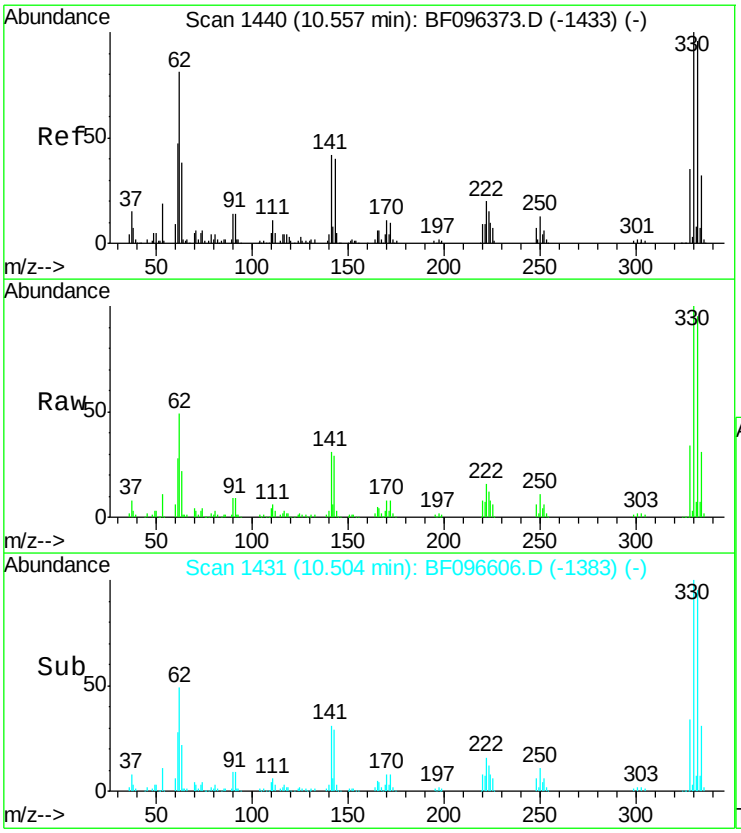
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 198599

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.4	36.2	54.2

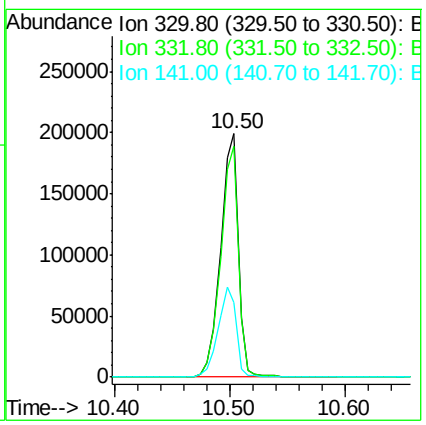


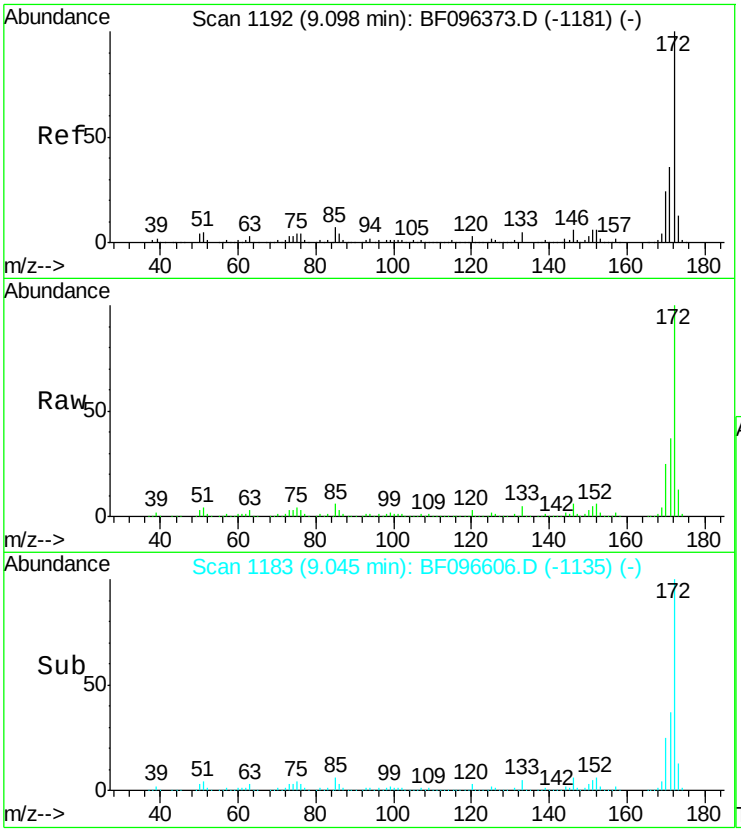


#41
2,4,6-Tribromophenol
Concen: 137.52 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:330 Resp: 213342

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	37.6	31.4	47.2



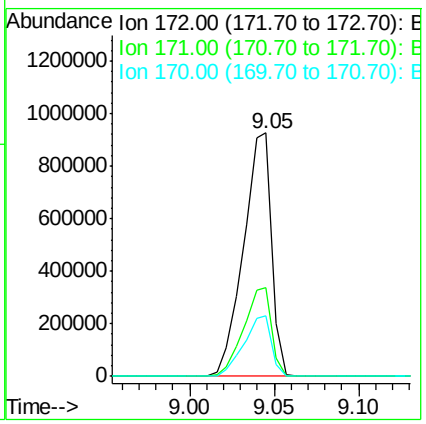


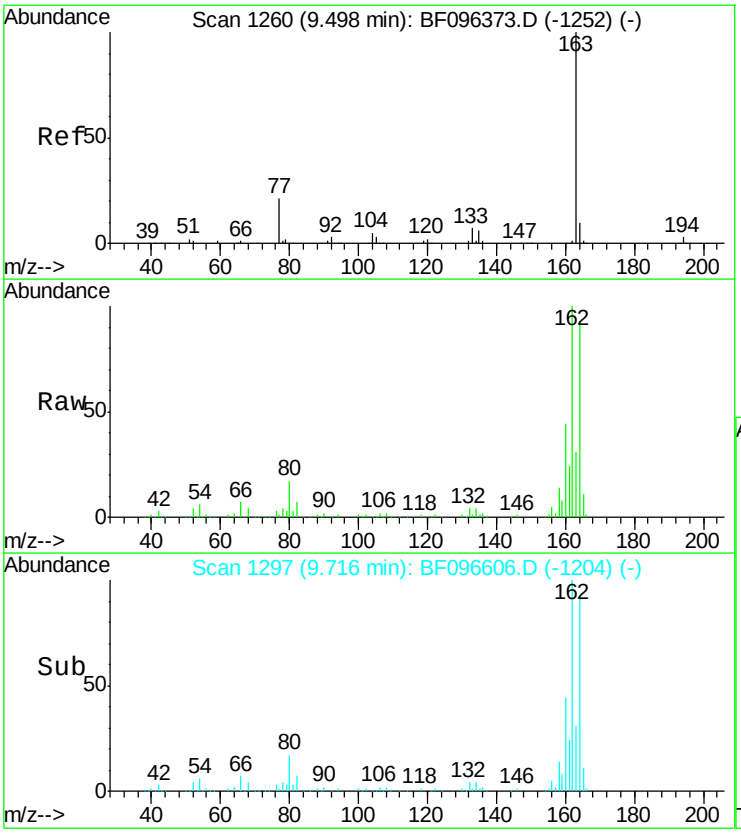
#44
2-Fluorobiphenyl
Concen: 93.03 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1080569

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.0	19.8	29.8

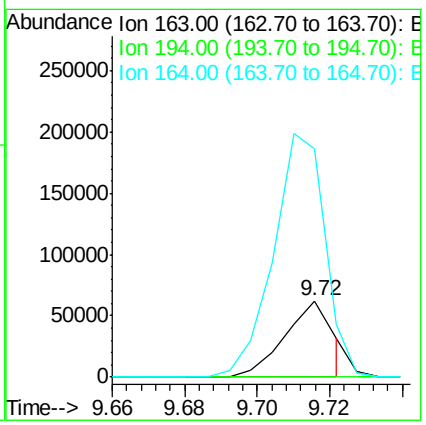


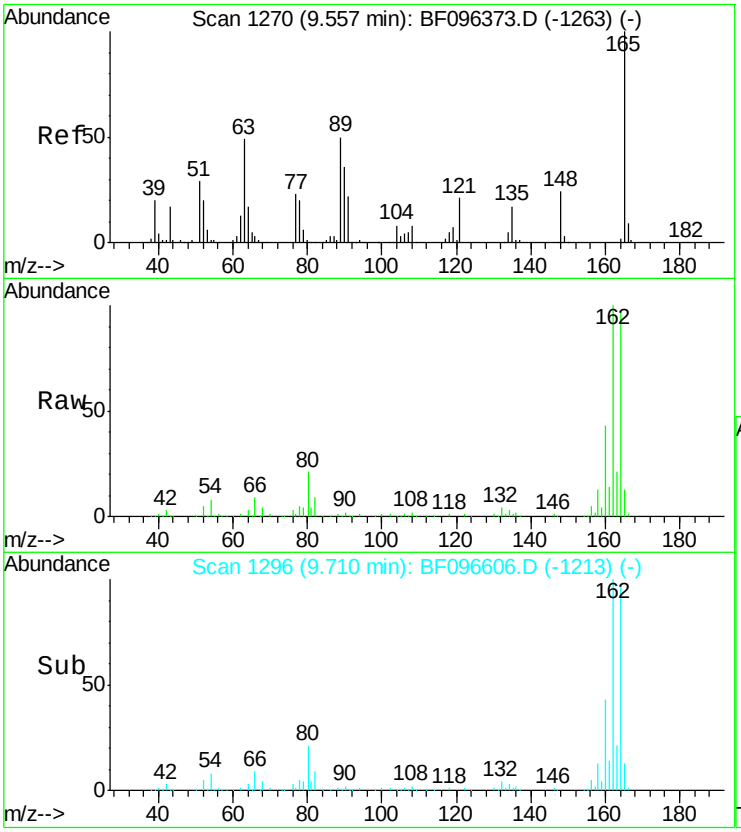


#49
Dimethylphthalate
Concen: 3.88 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.25 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:163 Resp: 57503

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	298.2	8.4	12.6#



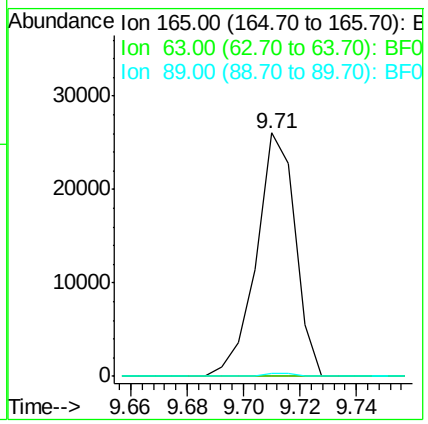


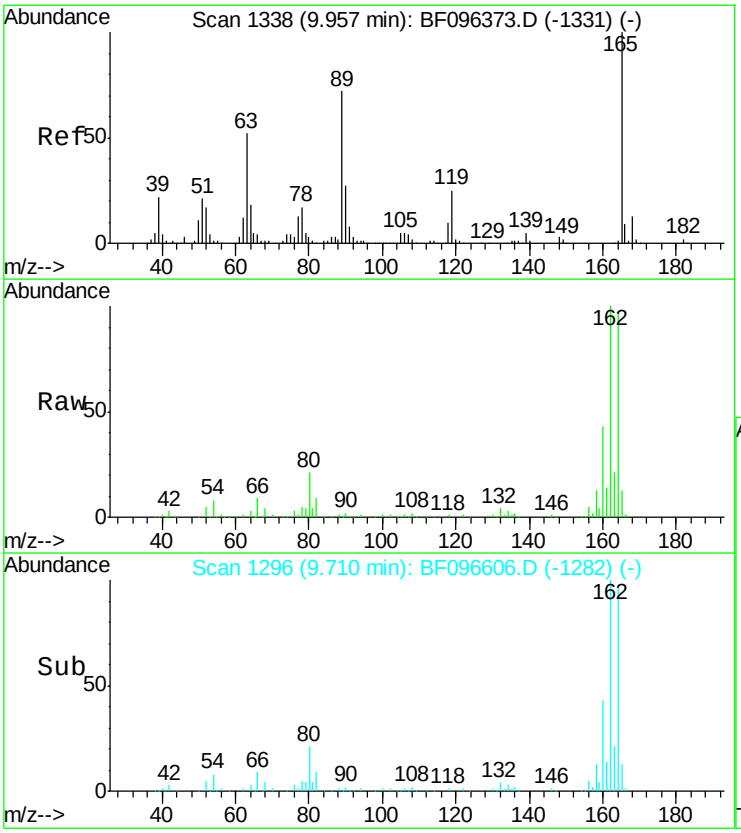
#50
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24792

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.2	37.1	55.7#

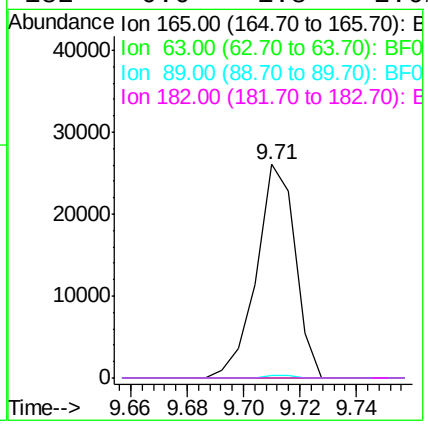


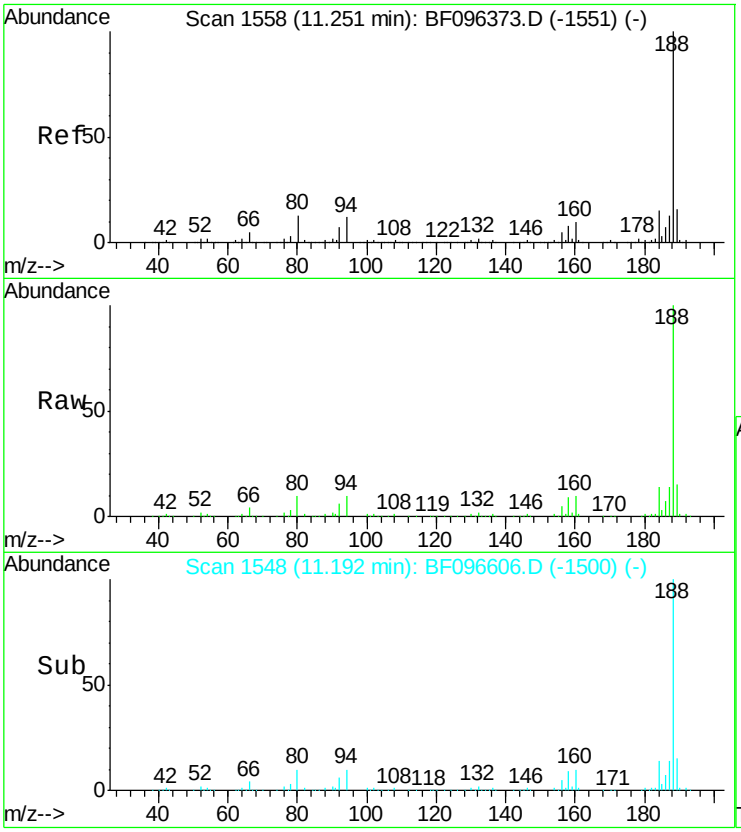


#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:165 Resp: 24792

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



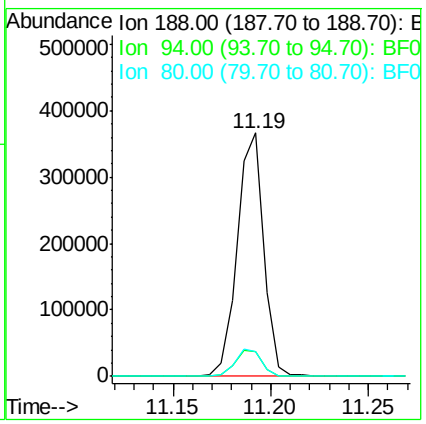


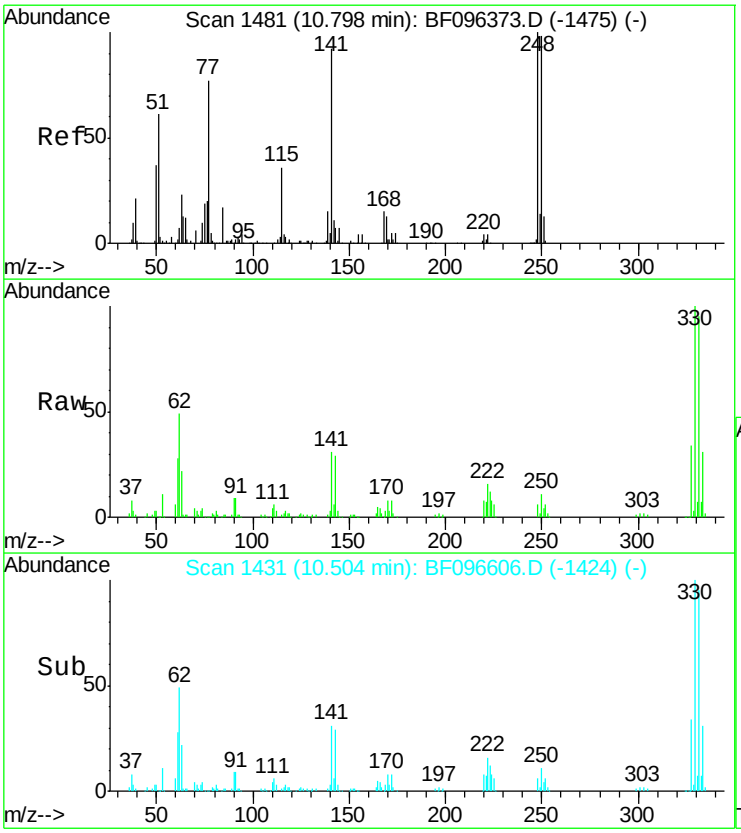
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 343762

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.4	10.2	15.2

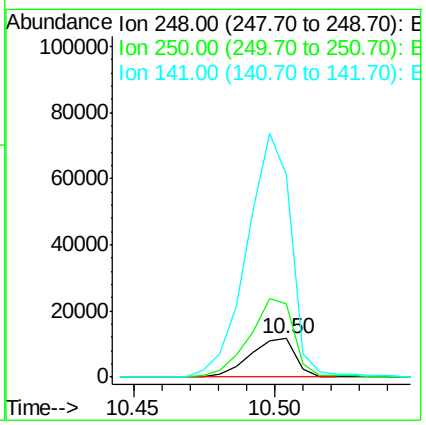


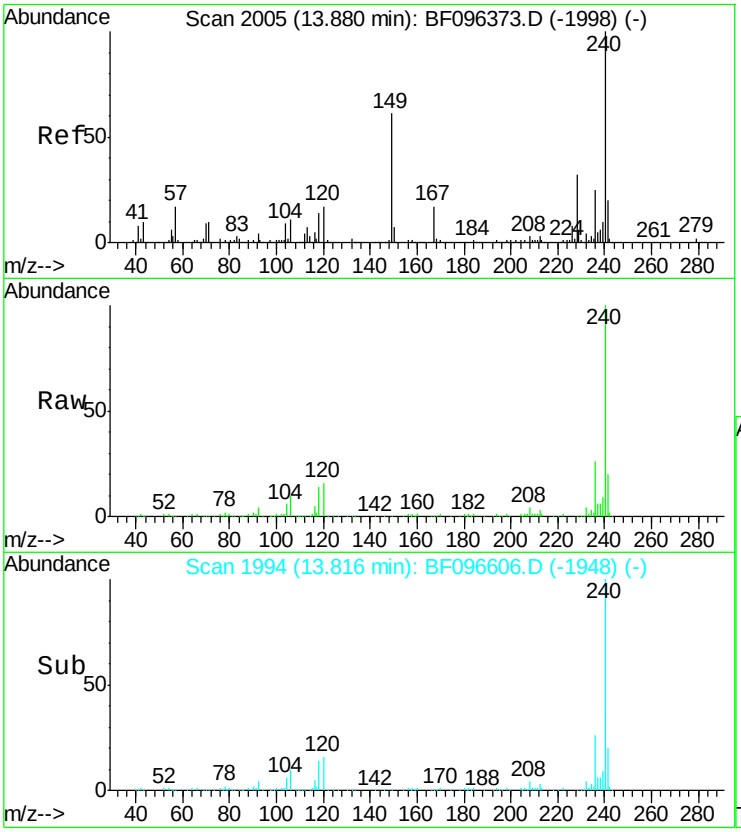


#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:248 Resp: 13012

Ion	Ratio	Lower	Upper
248	100		
250	190.9	76.8	115.2#
141	523.4	68.6	103.0#



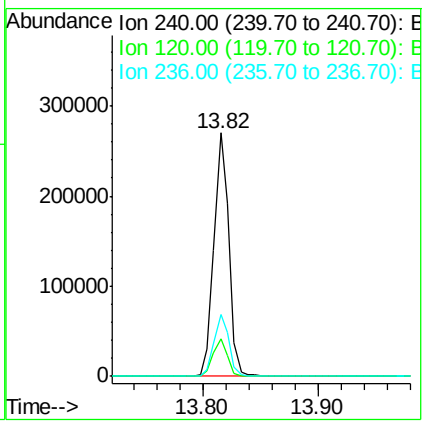


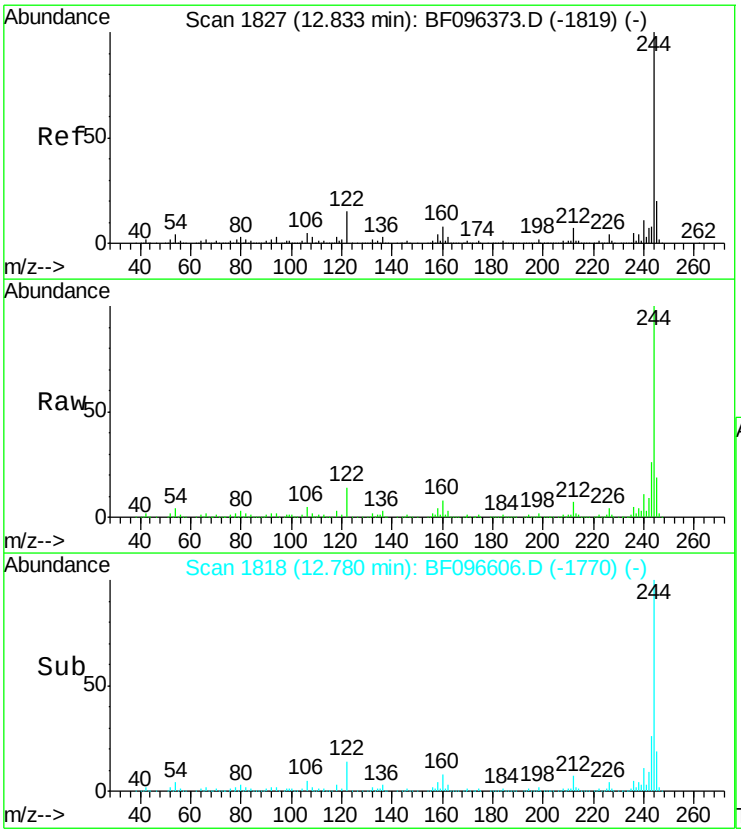
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 242206

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.5	20.5	30.7

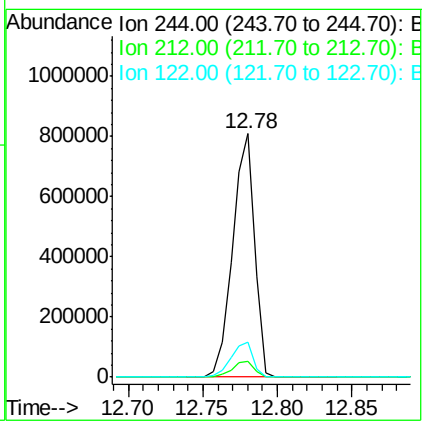


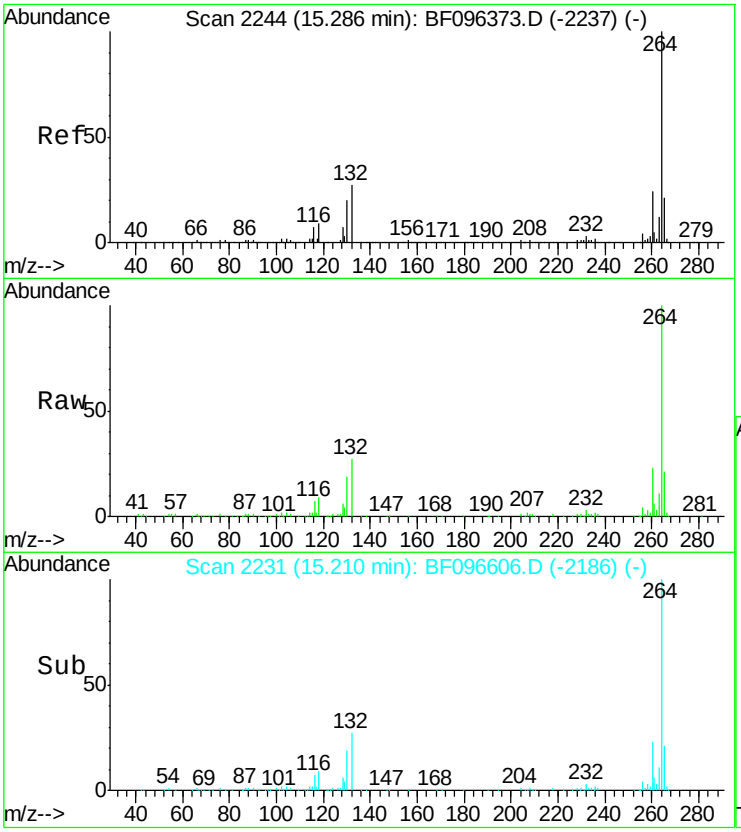


#78
Terphenyl-d14
Concen: 73.74 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:244 Resp: 835802

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.3	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.04 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 177681

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	17.2	25.8