Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096871.D
Acq On : 19 Jul 2017 15:47
Operator : SJ/JU
Sample : PB100755BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 19 18:20:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	134749	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	582825	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	236616	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	425907	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	373245	20.00	ng	-0.02
86) Perylene-d12	15.09	264	258348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	876454	97.80	ng	0.00
7) Phenol-d6	6.24	99	1077531	100.19	ng	-0.01
23) Nitrobenzene-d5	7.15	82	636896	67.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	205736	101.86	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	985775	65.82	ng	-0.01
78) Terphenyl-d14	12.68	244	870077	40.43	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.15	70	86252	13.312	ng	# 86
25) Isophorone	7.15	82	624867	35.698	ng	# 67
49) Dimethylphthalate	9.62	163	69360	3.893	ng	# 1
50) 2,6-Dinitrotoluene	9.62	165	29757	7.711	ng	# 33
56) 2,4-Dinitrotoluene	9.62	165	29757	6.001	ng	# 33
66) 4-Bromophenyl-phenylether	10.40	248	12567	2.890	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.37	276	601	3.355	ng	# 44

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

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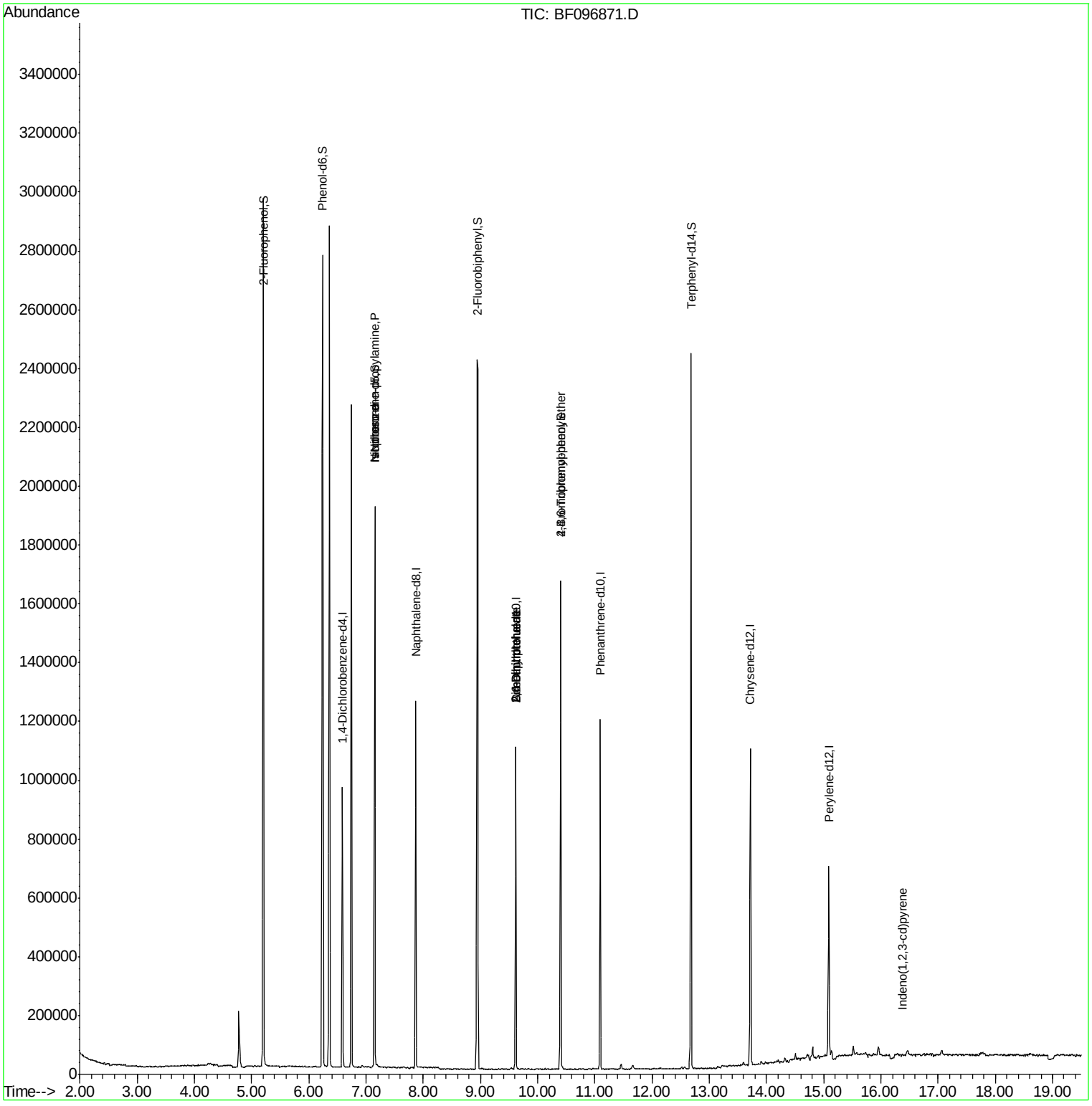
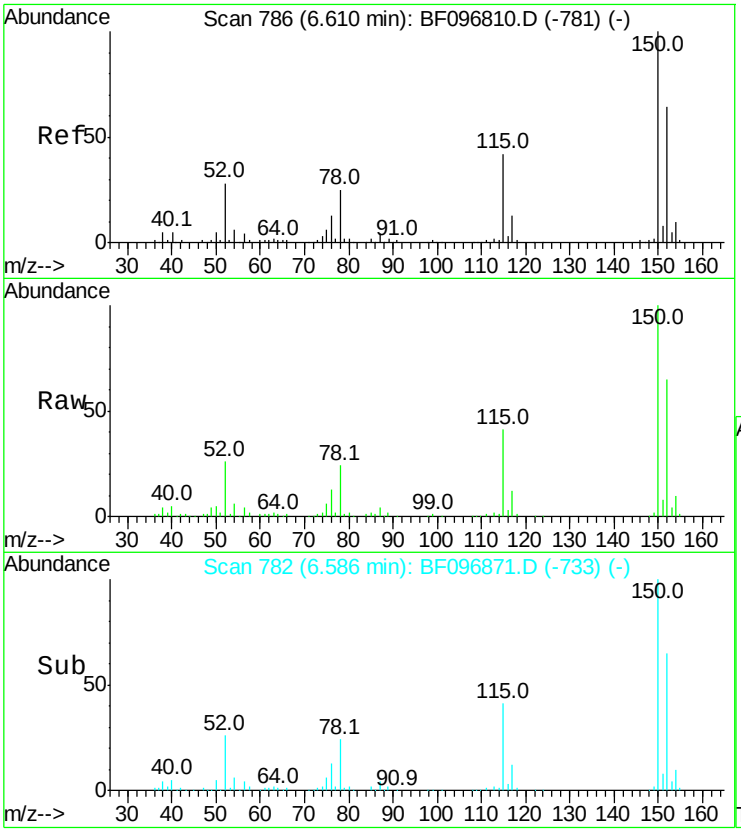


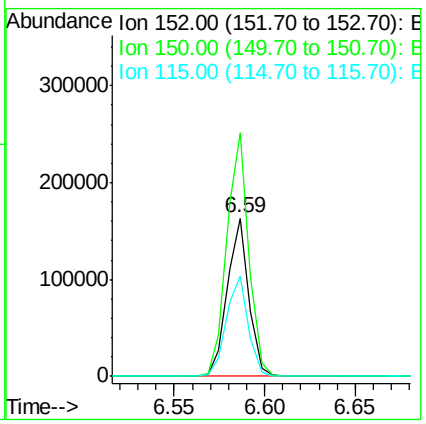


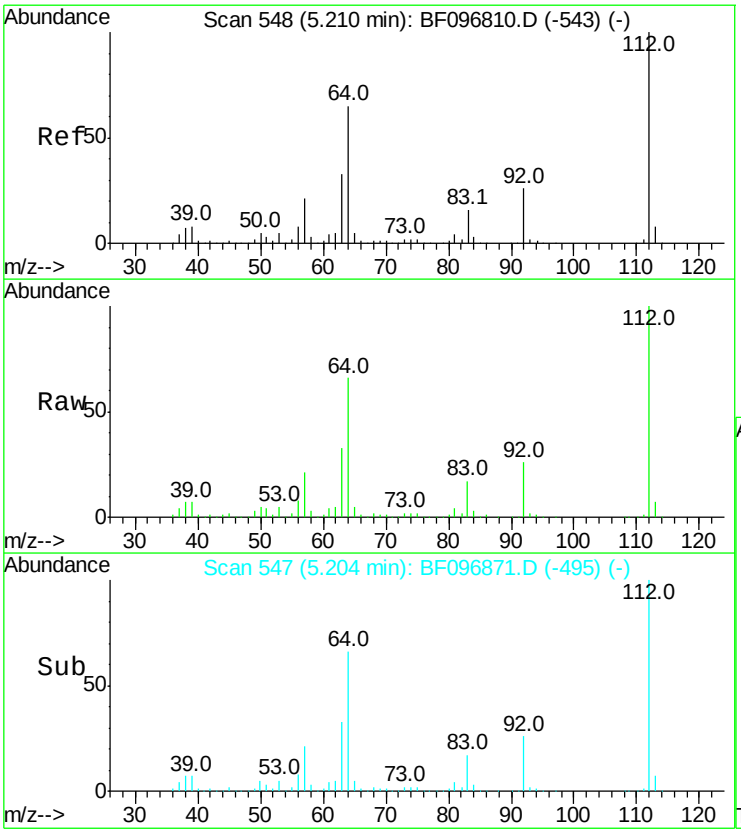
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134749

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	63.1	52.2	78.2

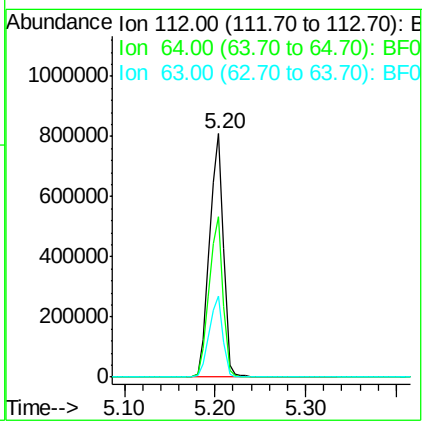


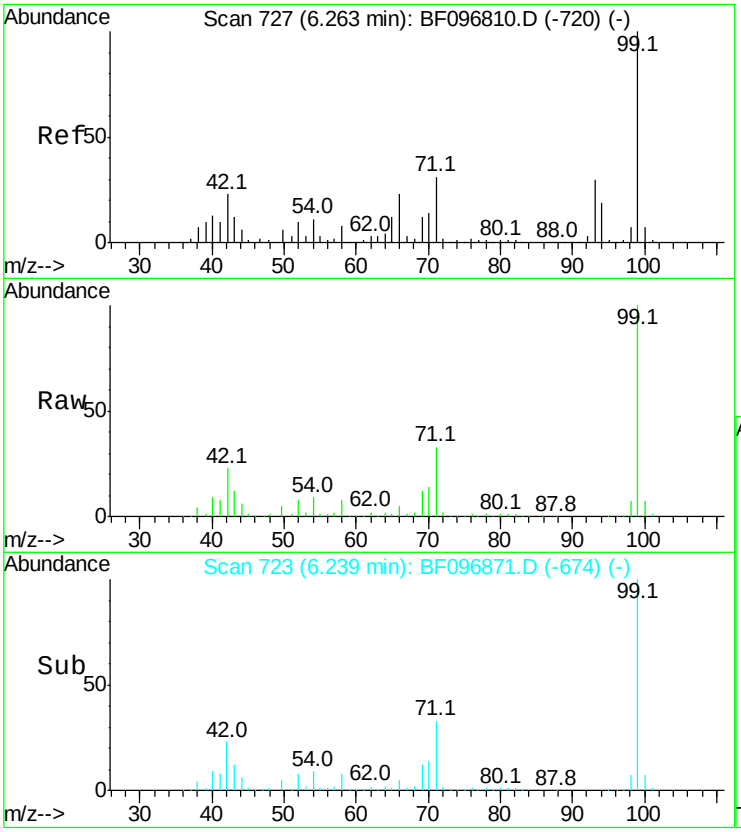


#5
2-Fluorophenol
Concen: 97.798 ng
RT: 5.20 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:112 Resp: 876454

Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.0	69.0
63	33.1	23.4	35.0



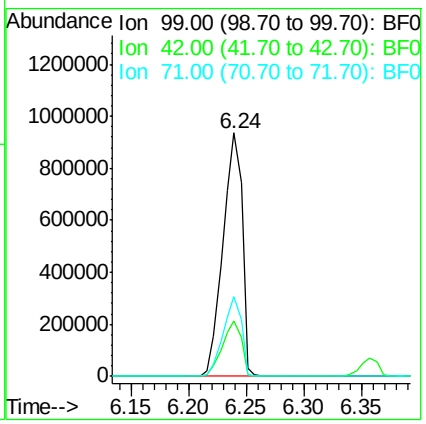


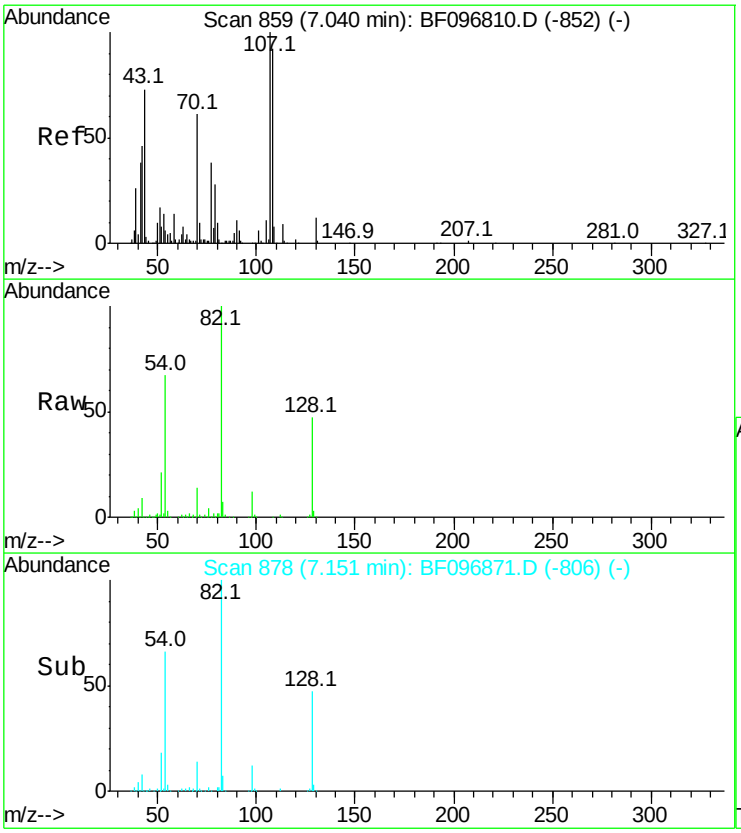
#7
Phenol-d6
Concen: 100.194 ng
RT: 6.24 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1077531

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	32.9	24.5	36.7

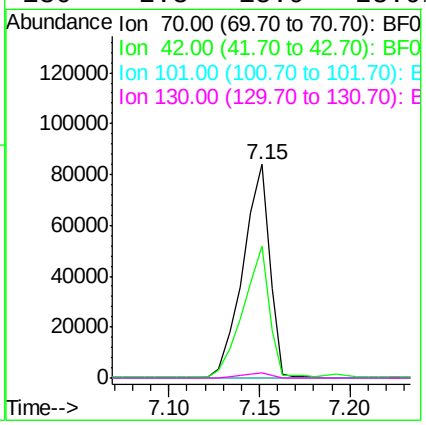


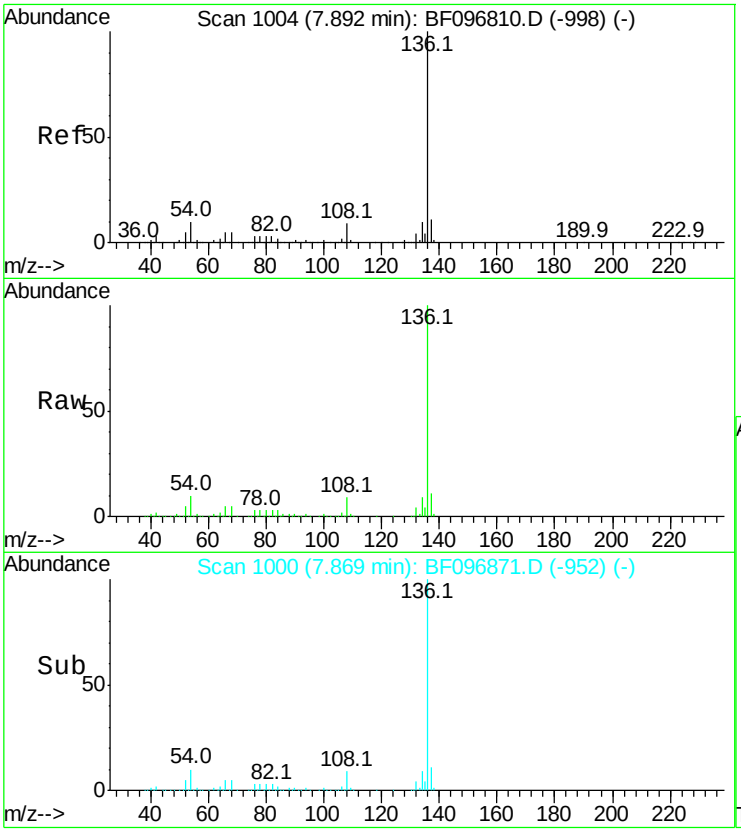


#19
n-Nitroso-di-n-propylamine
Concen: 13.312 ng
RT: 7.15 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion: 70 Resp: 86252

Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



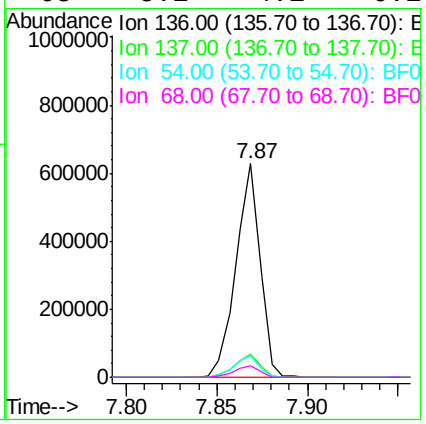


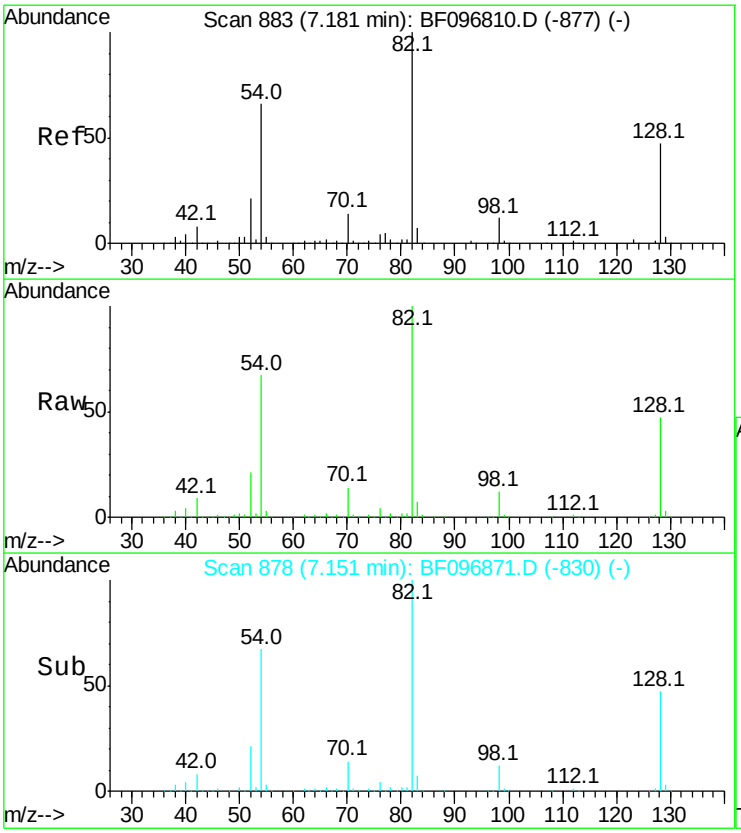
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 582825

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.1	4.9	7.3#
68	5.1	4.1	6.1

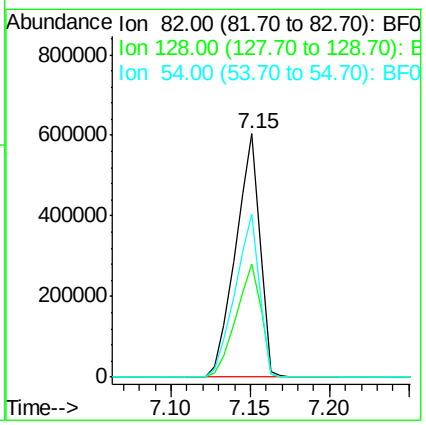


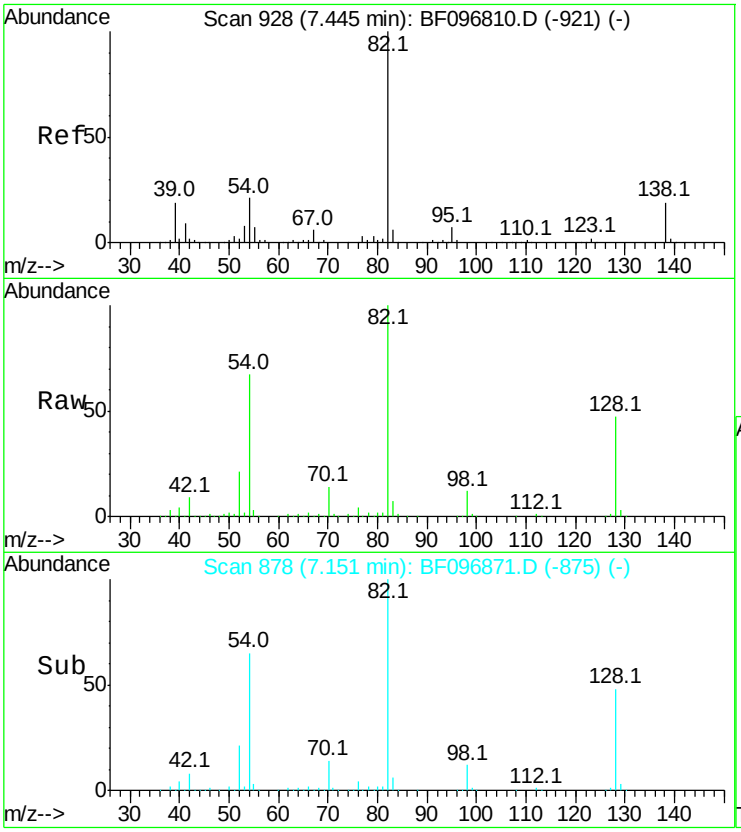


#23
Nitrobenzene-d5
Concen: 67.687 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion: 82 Resp: 636896

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	66.9	42.2	63.2#



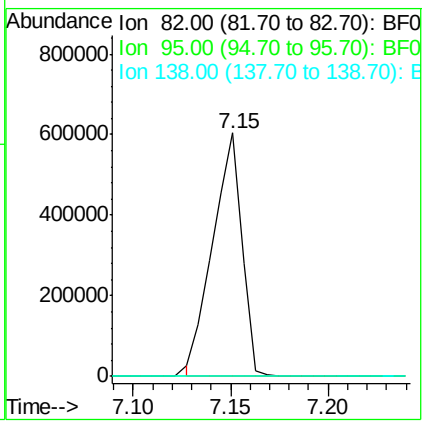


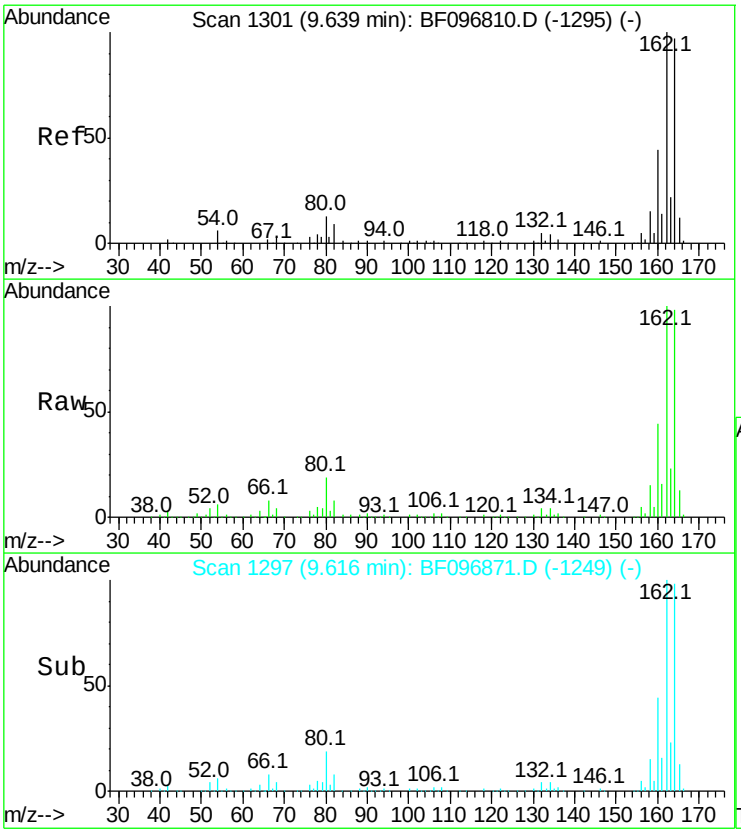
#25
Isophorone
Concen: 35.698 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 624867

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

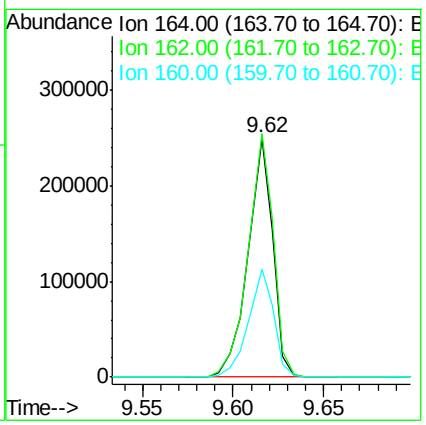


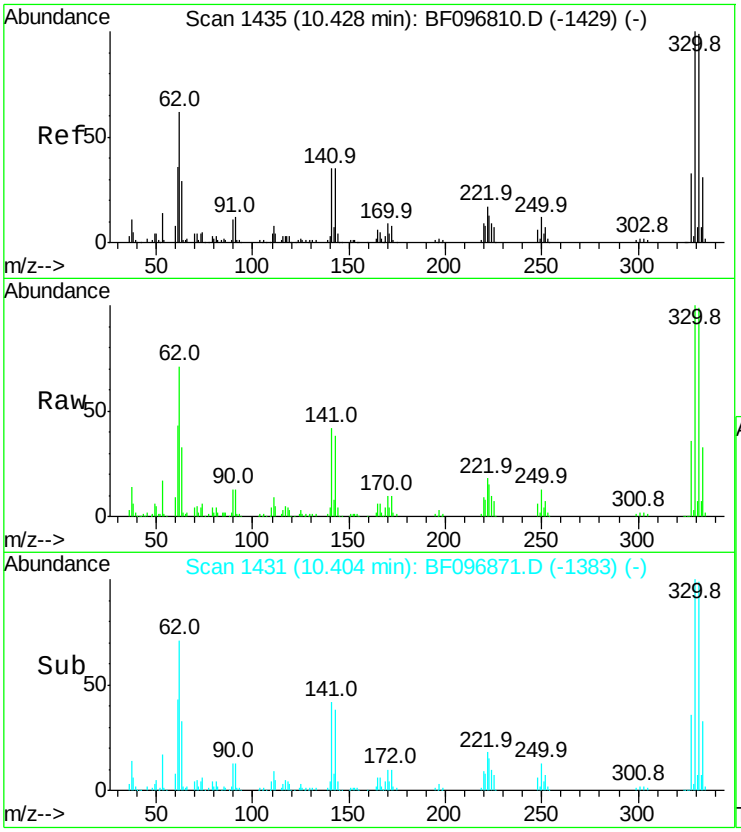


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:164 Resp: 236616

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	45.0	36.2	54.2



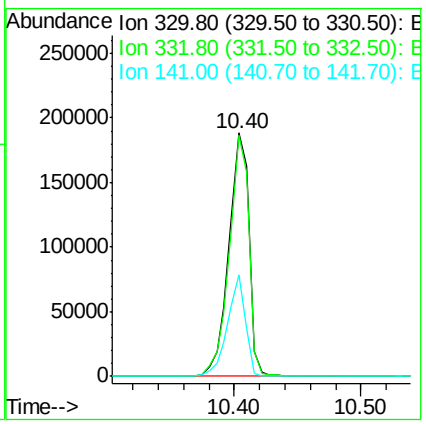


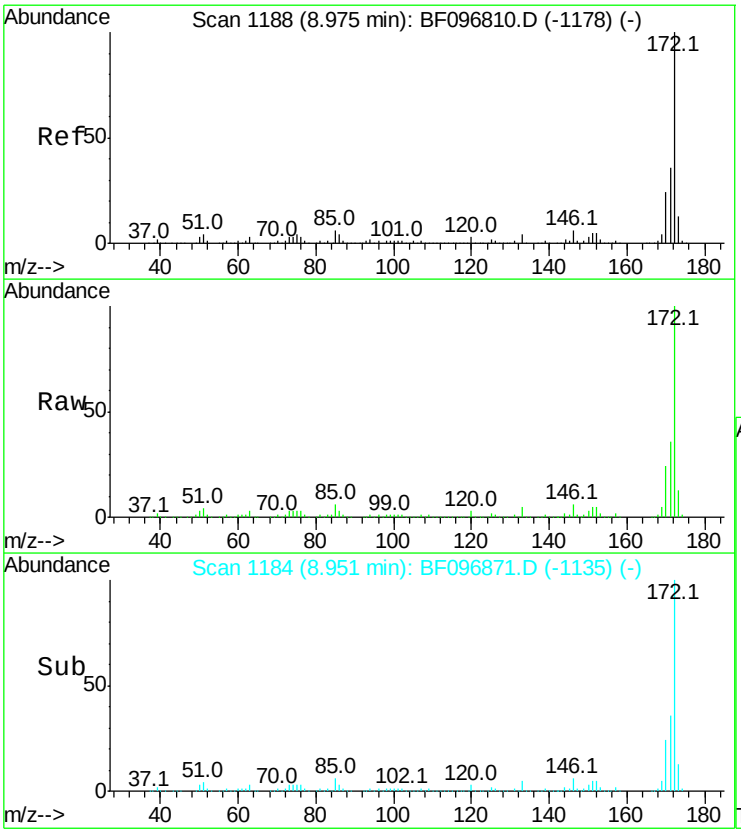
#41
2,4,6-Tribromophenol
Concen: 101.864 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 205736

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	36.8	31.4	47.2

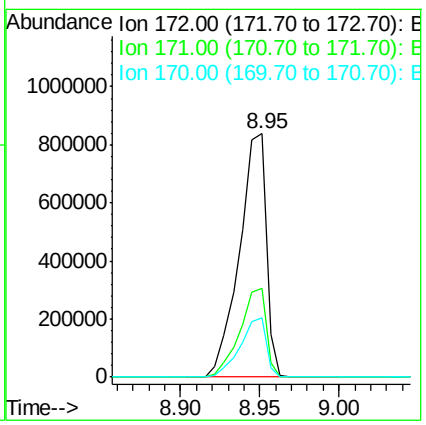


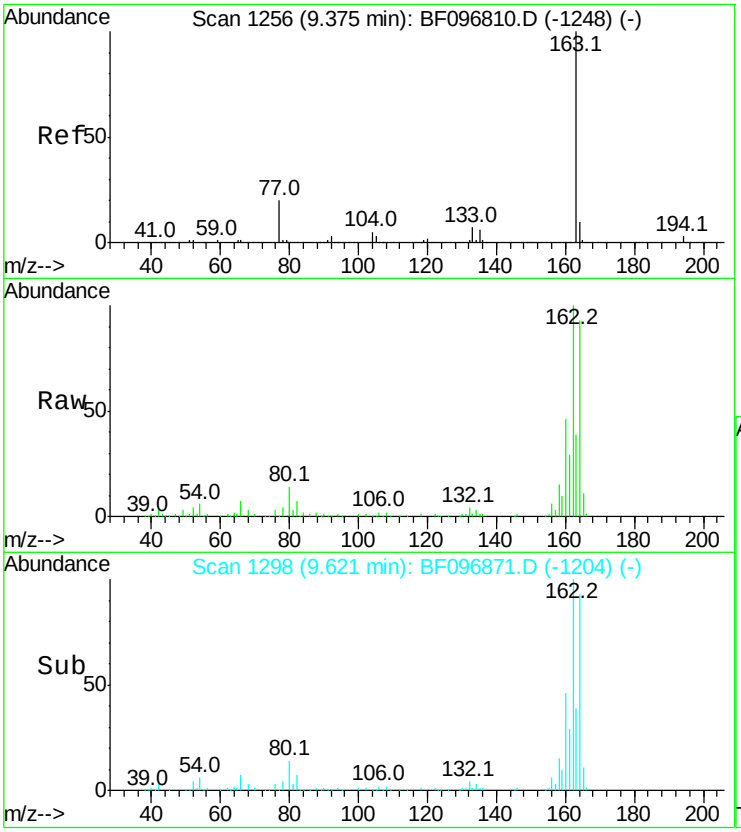


#44
2-Fluorobiphenyl
Concen: 65.822 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:172 Resp: 985775

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	19.8	29.8



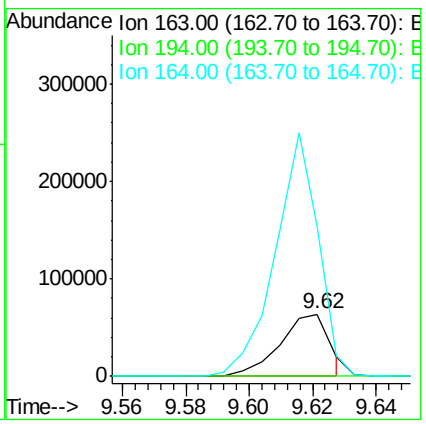


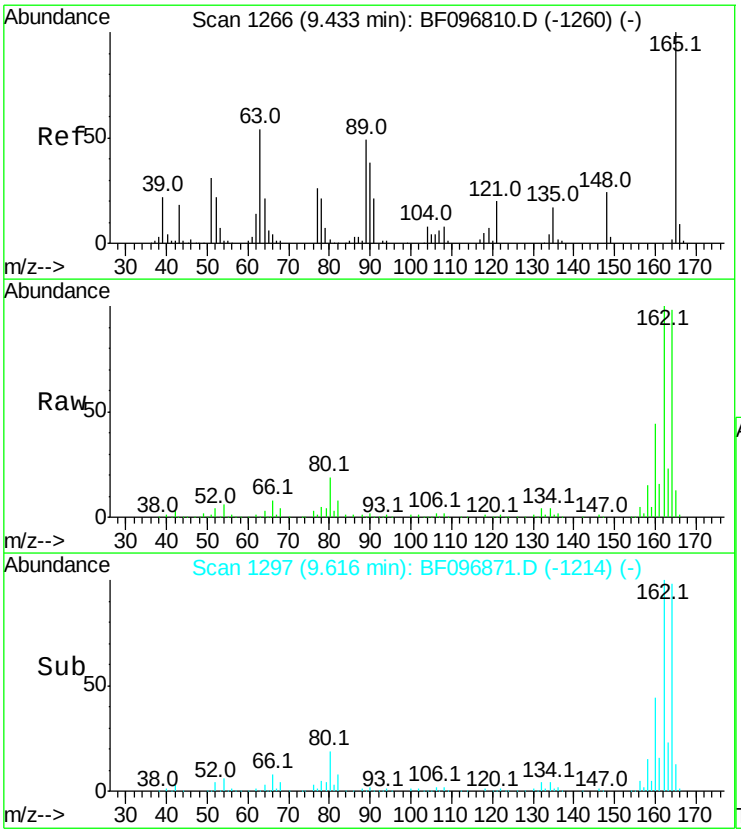
#49
Dimethylphthalate
Concen: 3.893 ng
RT: 9.62 min Scan# 1298
Delta R.T. 0.25 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 69360

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	241.2	8.4	12.6#

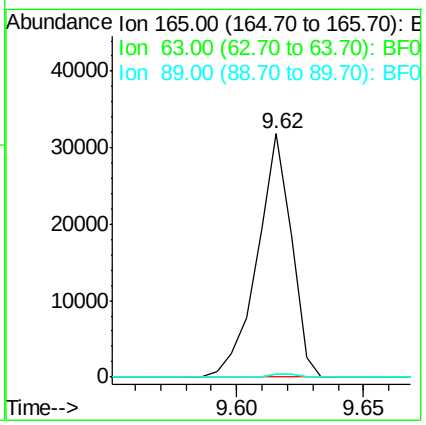


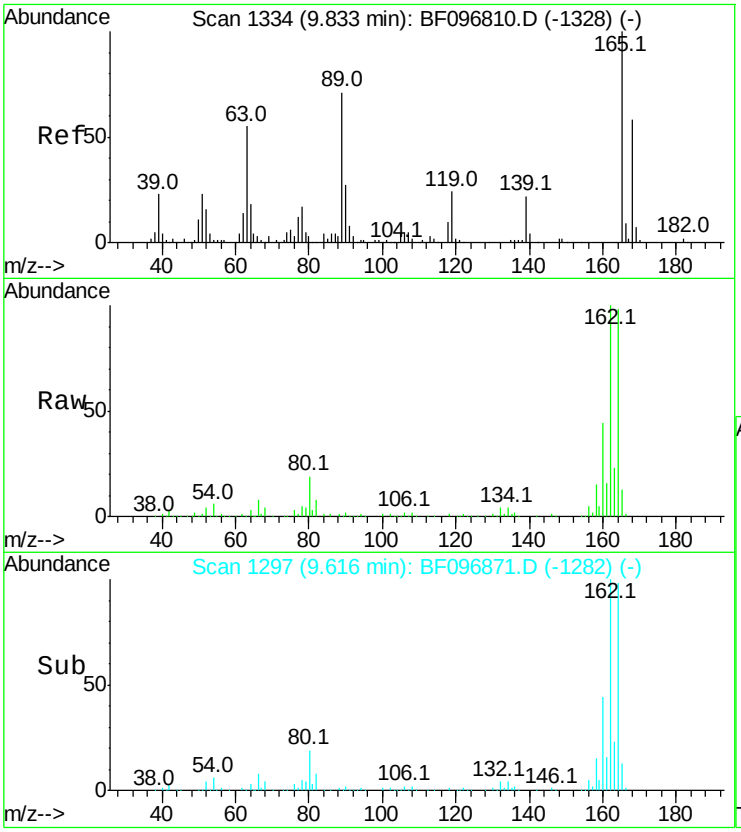


#50
2,6-Dinitrotoluene
Concen: 7.711 ng
RT: 9.62 min Scan# 1297
Delta R.T. 0.19 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:165 Resp: 29757

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.1	37.1	55.7#



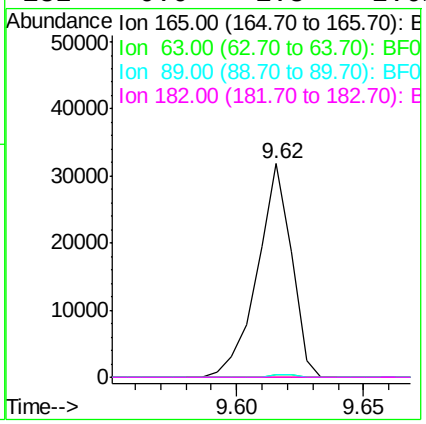


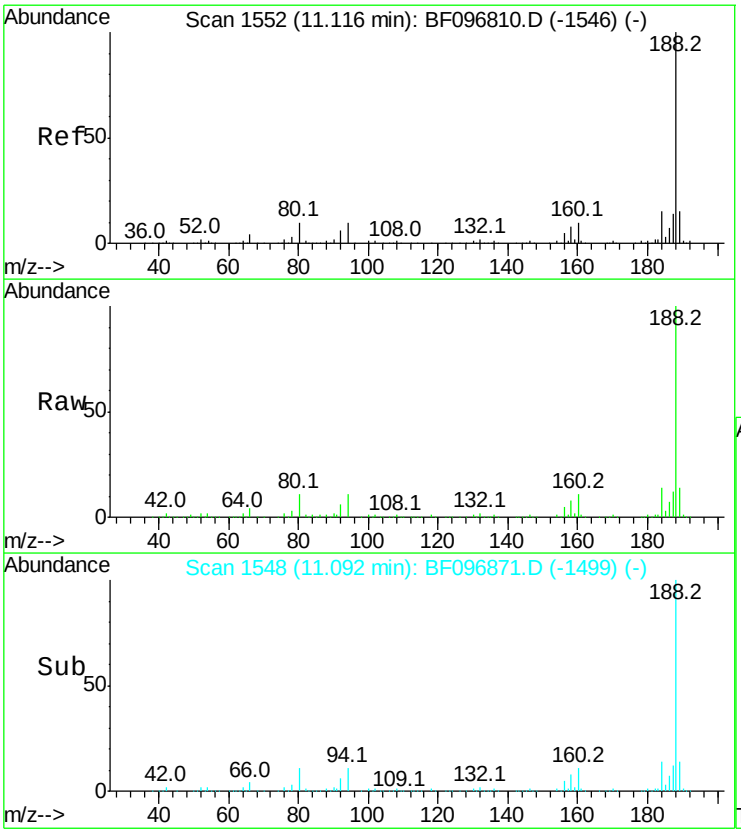
#56
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29757

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

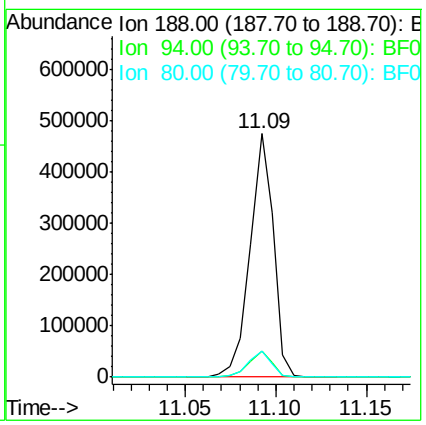


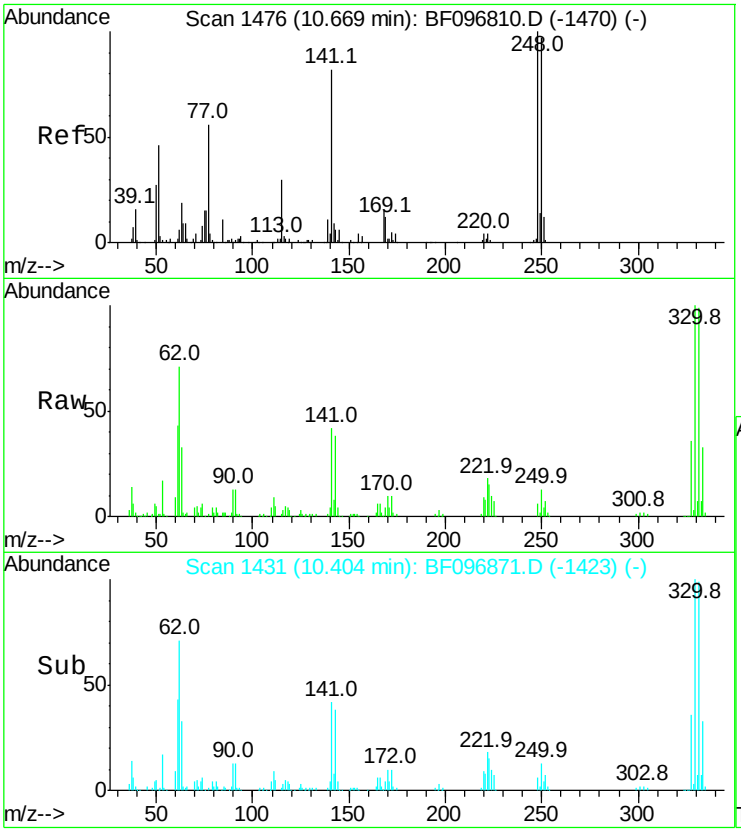


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:188 Resp: 425907

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.9	10.2	15.2



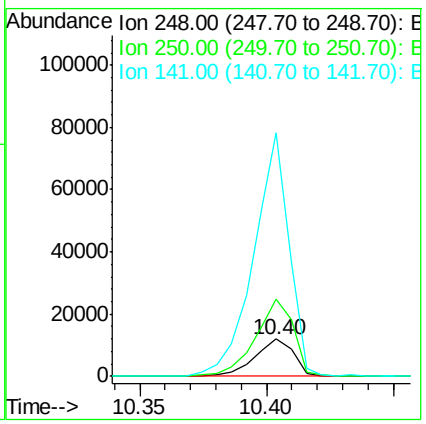


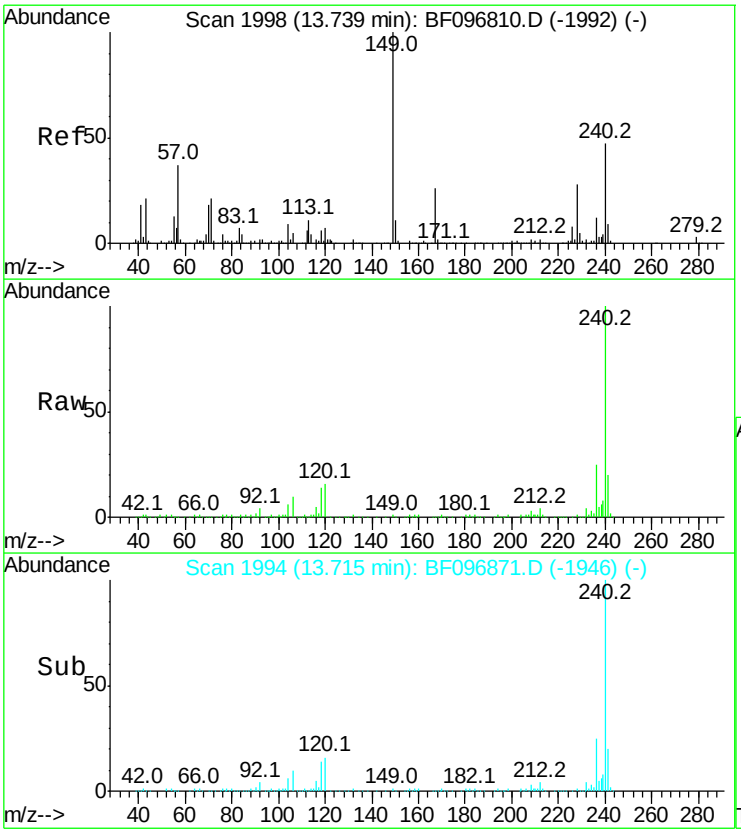
#66
4-Bromophenyl-phenylether
Concen: 2.890 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12567

Ion	Ratio	Lower	Upper
248	100		
250	208.8	76.8	115.2#
141	654.4	68.6	103.0#

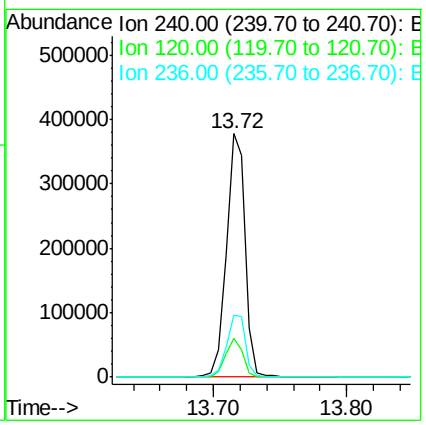


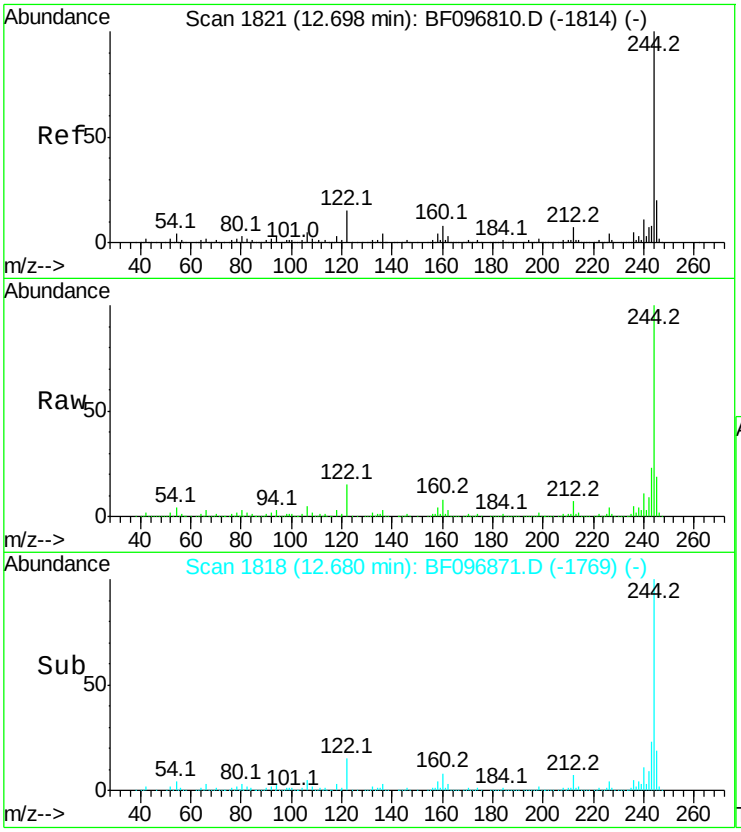


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:240 Resp: 373245

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.2	20.5	30.7



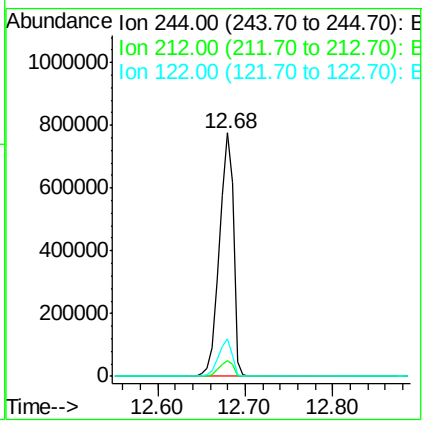


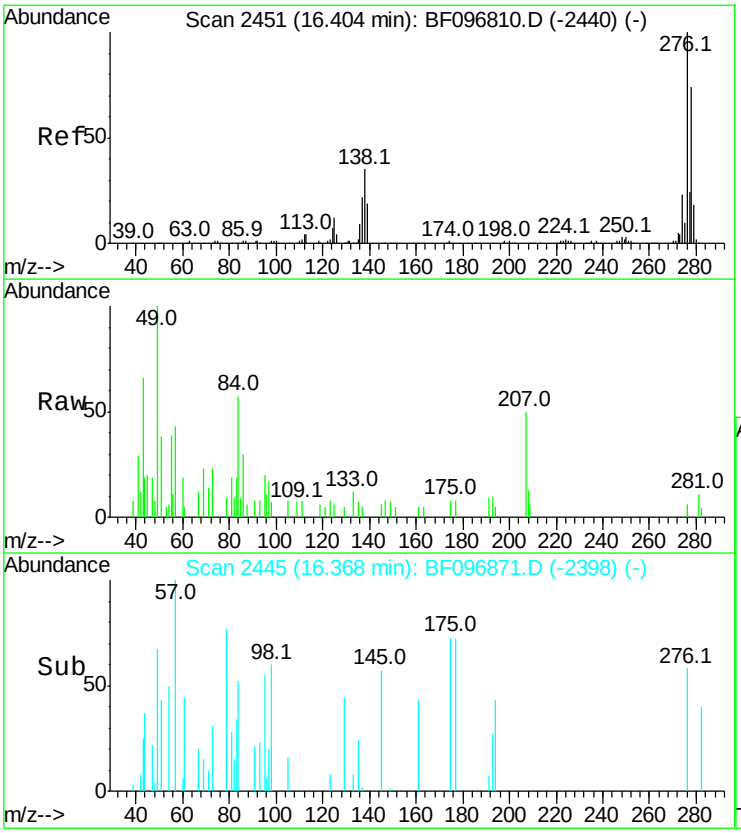
#78
Terphenyl-d14
Concen: 40.428 ng
RT: 12.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 870077

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.4	10.3	15.5

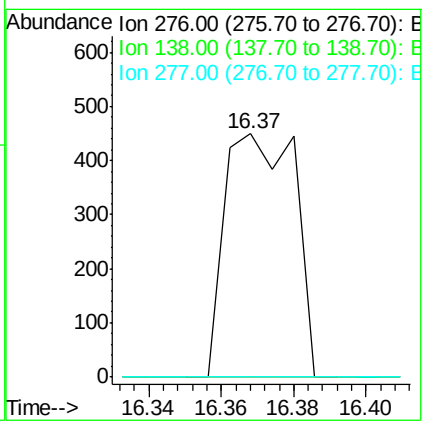


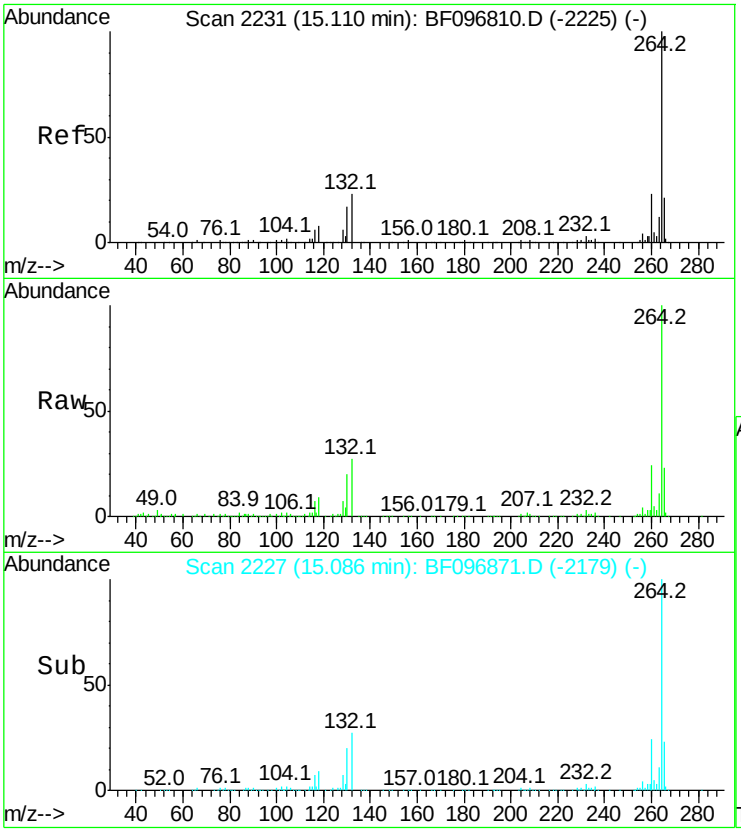


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.355 ng
RT: 16.37 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:276 Resp: 601

Ion	Ratio	Lower	Upper
276	100		
138	0.0	27.8	41.6#
277	0.0	20.2	30.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 258348

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.6	17.2	25.8