Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098628.D
Acq On : 19 Sep 2017 4:05
Operator : SJ/JU
Sample : I5262-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 19 05:43:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	114250	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	478735	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	212240	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	352421	20.00	ng	0.00
75) Chrysene-d12	13.79	240	259054	20.00	ng	0.00
86) Perylene-d12	15.18	264	246625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	315154	40.78	ng	0.00
7) Phenol-d6	6.29	99	245719	25.05	ng	0.00
23) Nitrobenzene-d5	7.21	82	717488	83.55	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	132940	93.85	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1235748	98.69	ng	0.00
78) Terphenyl-d14	12.73	244	1004880	83.73	ng	0.00

Target Compounds						Qvalue	
9) Benzaldehyde	6.40	77	13942	2.174	ng	#	80
19) n-Nitroso-di-n-propylamine	7.20	70	97095	15.733	ng	#	79
25) Isophorone	7.21	82	717482	41.296	ng	#	67
49) Dimethylphthalate	9.39	163	44225	2.692	ng		97
50) 2,6-Dinitrotoluene	9.67	165	25993	7.702	ng	#	33
56) 2,4-Dinitrotoluene	9.67	165	25993	6.335	ng	#	32
64) 4,6-Dinitro-2-methylphenol	10.46	198	318	5.096	ng	#	71
66) 4-Bromophenyl-phenylether	10.46	248	10419	3.115	ng	#	1

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

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Misc :
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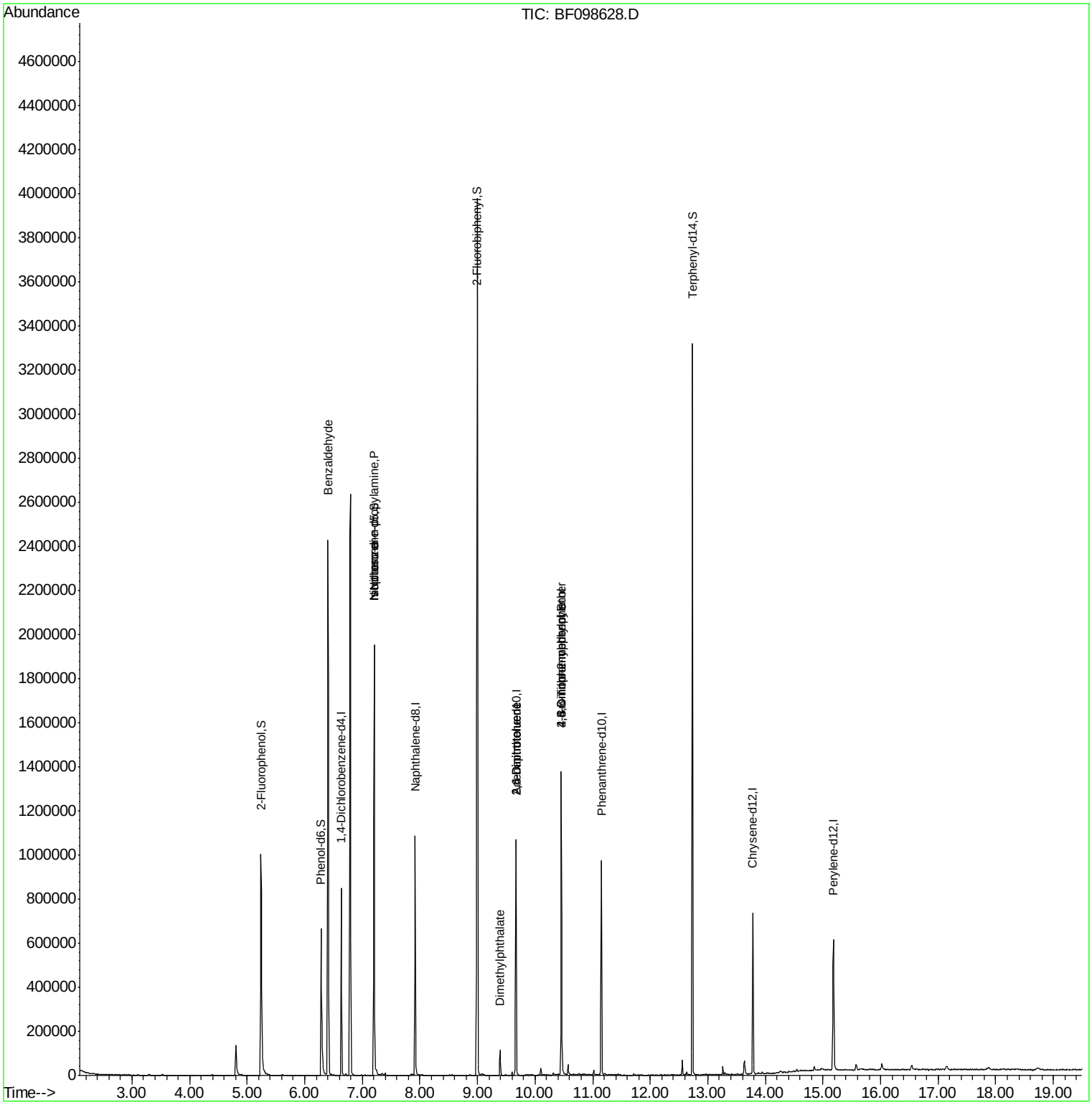
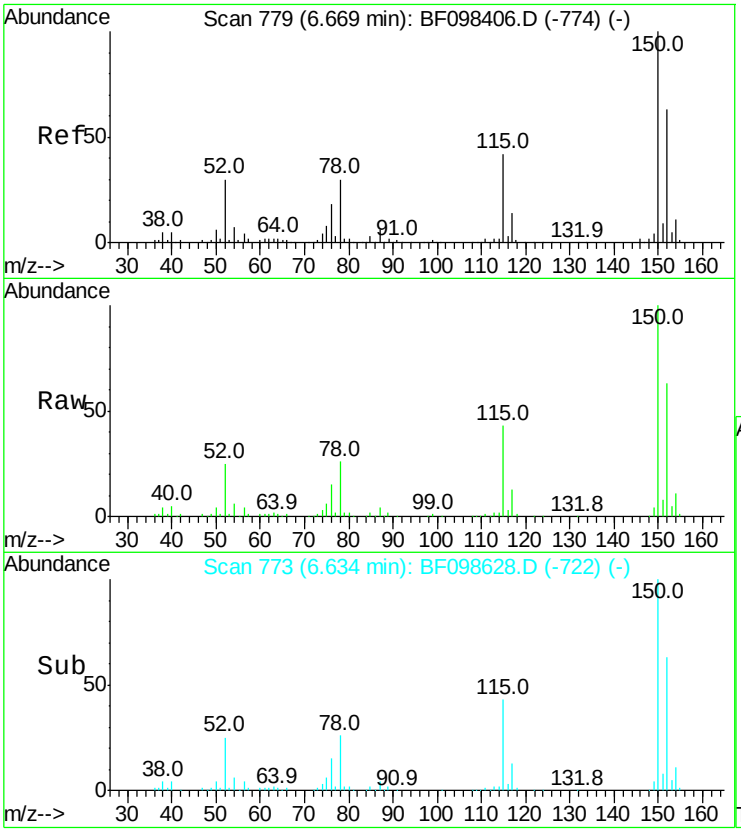


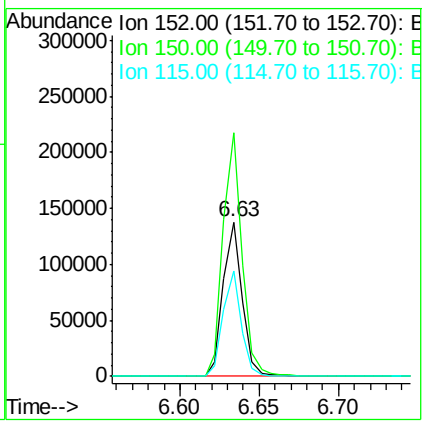


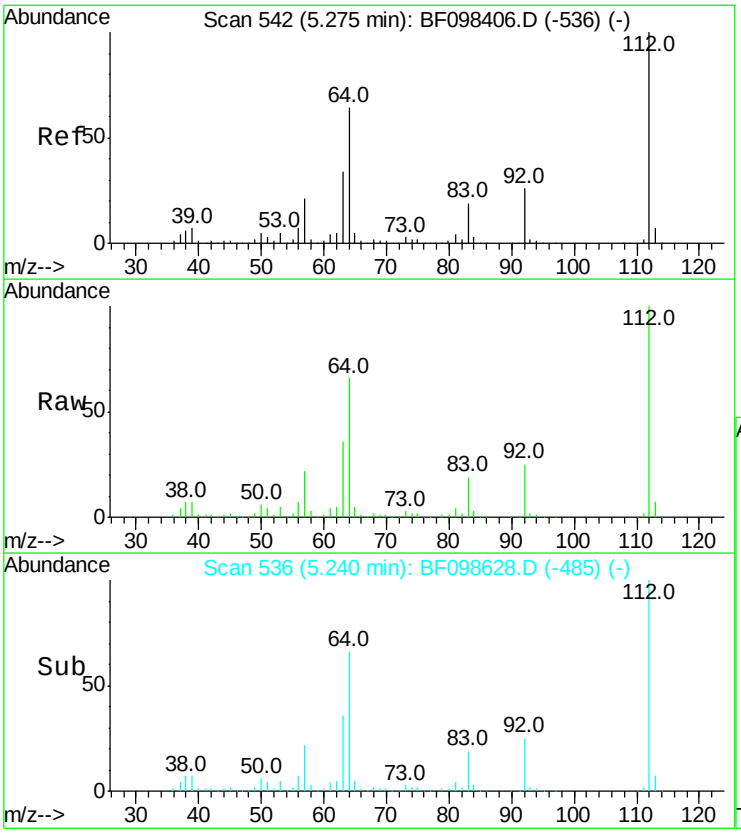
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114250

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	68.3	52.2	78.2

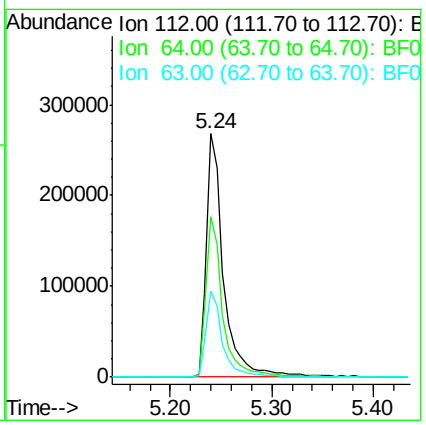


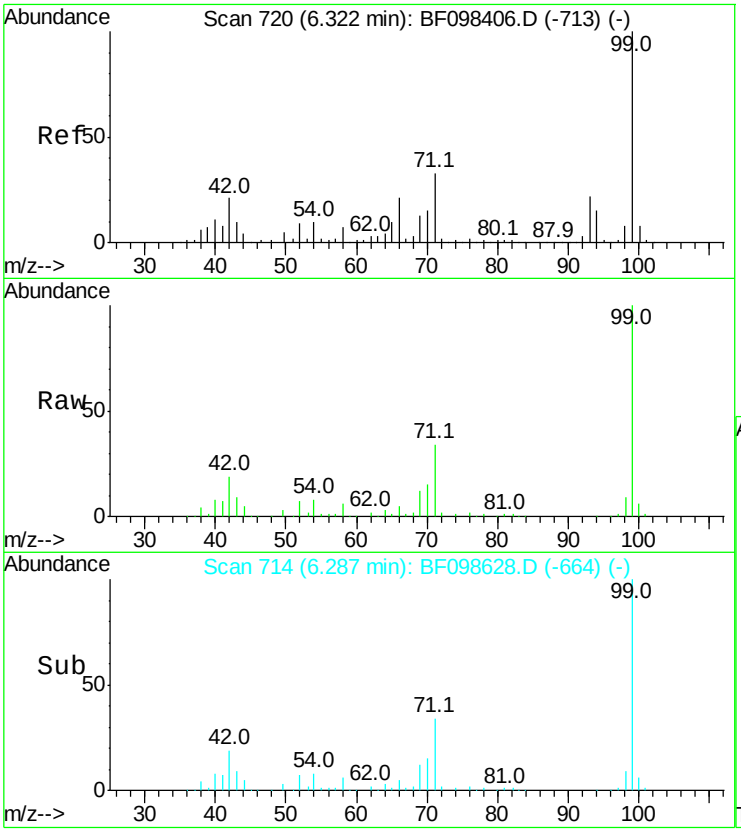


#5
2-Fluorophenol
Concen: 40.784 ng
RT: 5.24 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion:112 Resp: 315154

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	35.6	23.4	35.0#



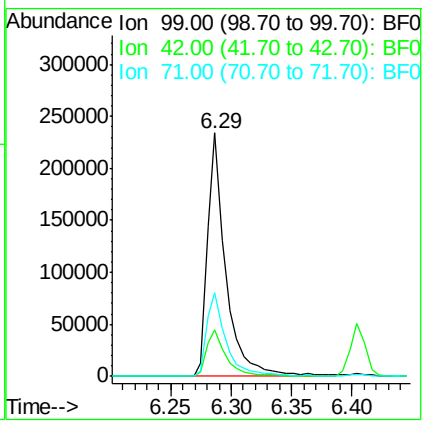


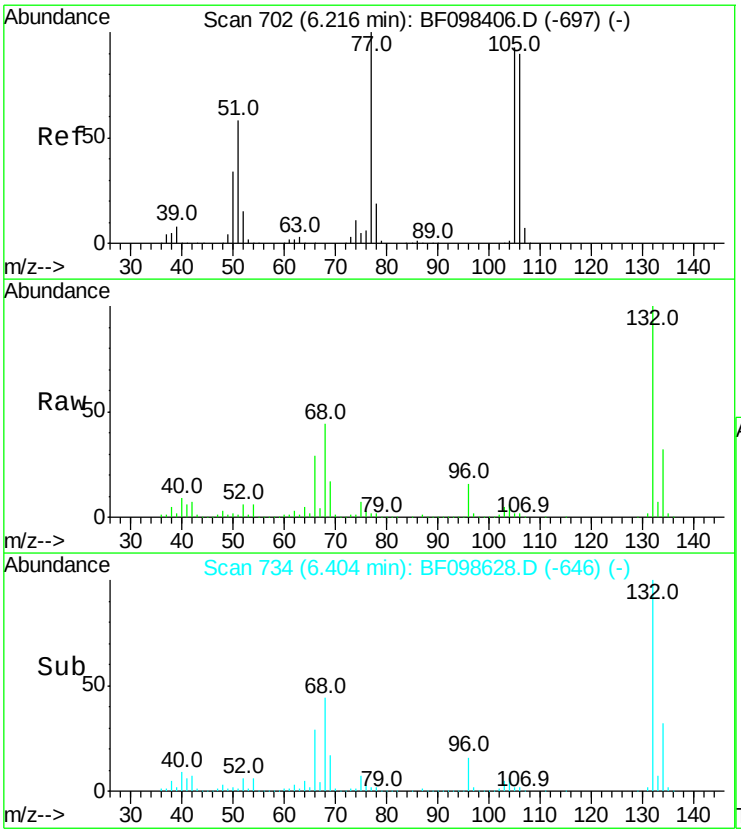
#7
Phenol-d6
Concen: 25.045 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 245719

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	34.5	24.5	36.7

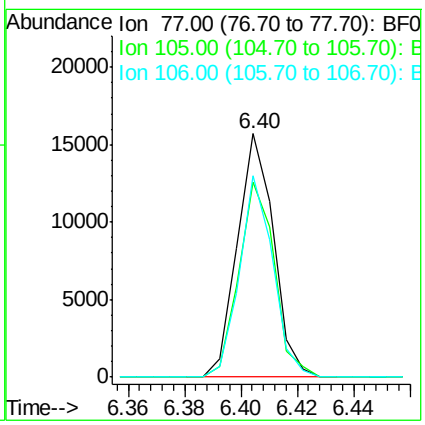


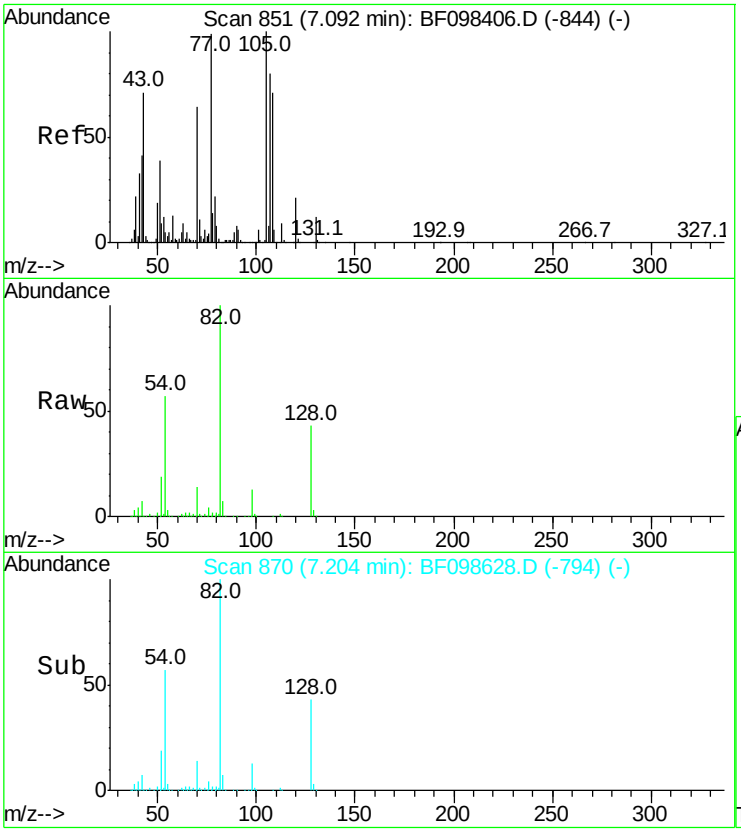


#9
Benzaldehyde
Concen: 2.174 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.22 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion: 77 Resp: 13942

Ion	Ratio	Lower	Upper
77	100		
105	79.9	83.8	123.8#
106	82.9	79.1	119.1



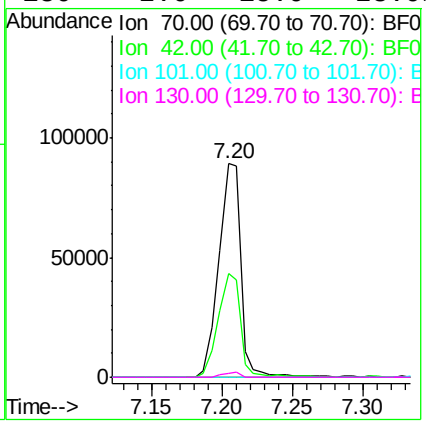


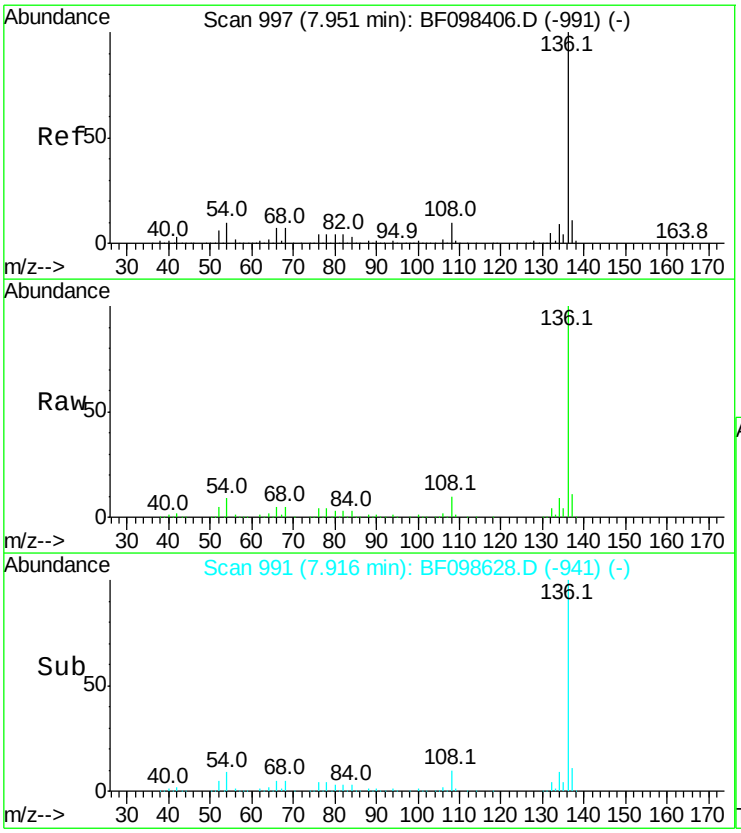
#19
n-Nitroso-di-n-propylamine
Concen: 15.733 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 97095

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

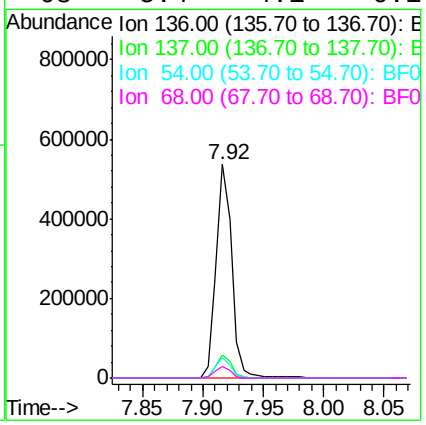


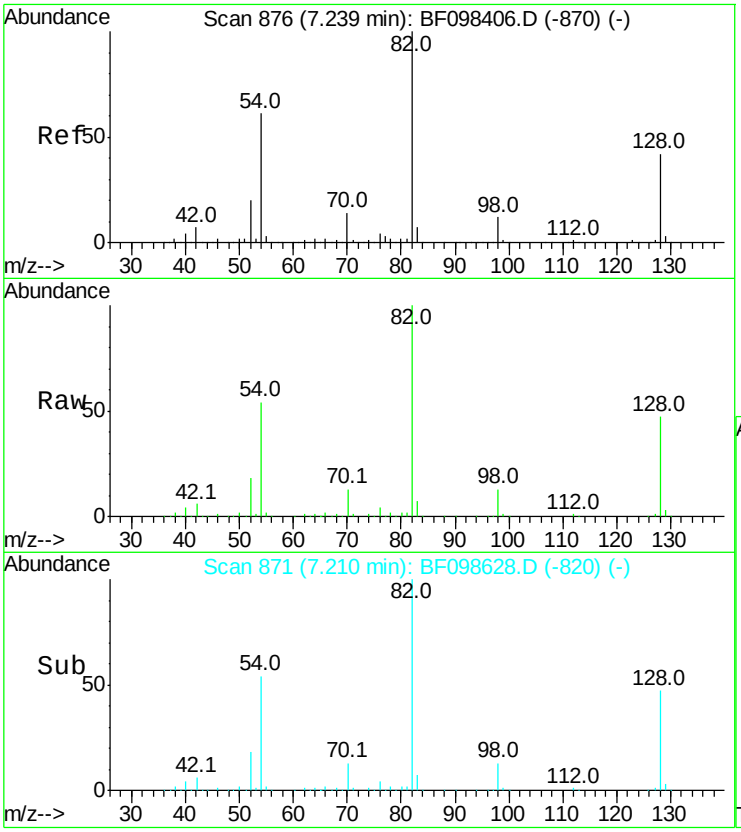


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion:136 Resp: 478735

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.4	4.9	7.3#
68	5.4	4.1	6.1



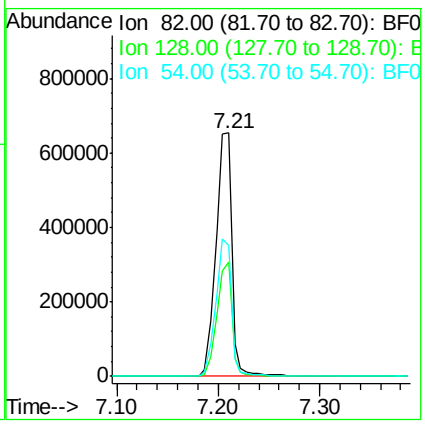


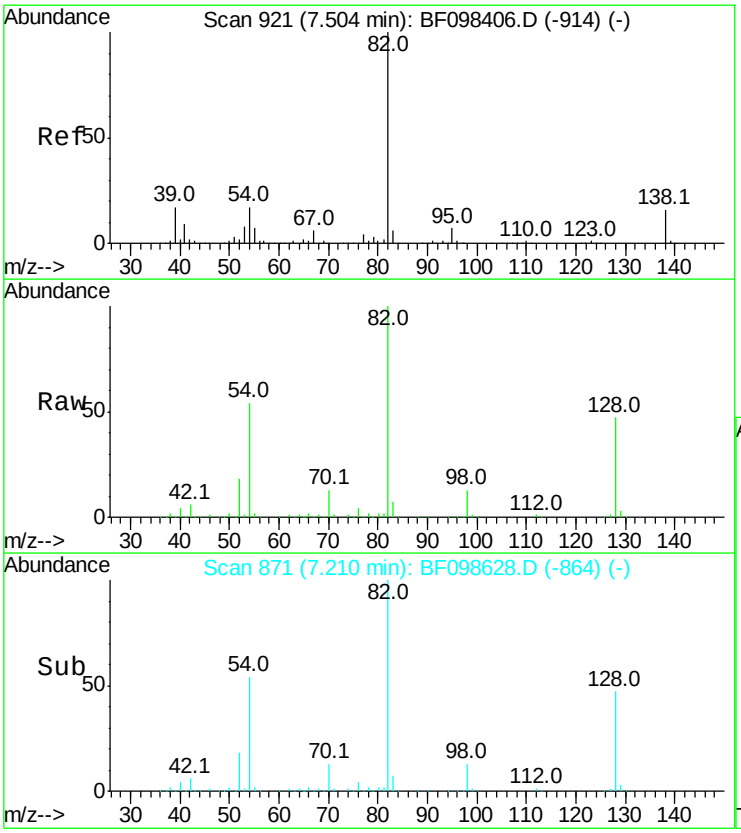
#23
Nitrobenzene-d5
Concen: 83.553 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 717488

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	53.8	42.2	63.2

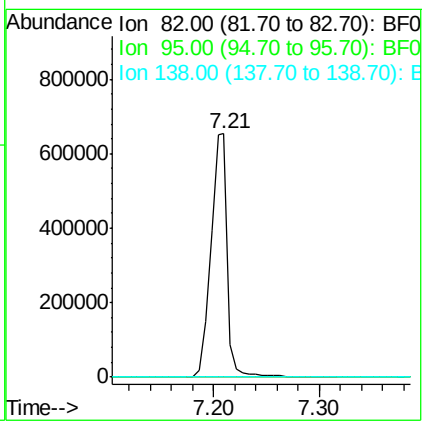


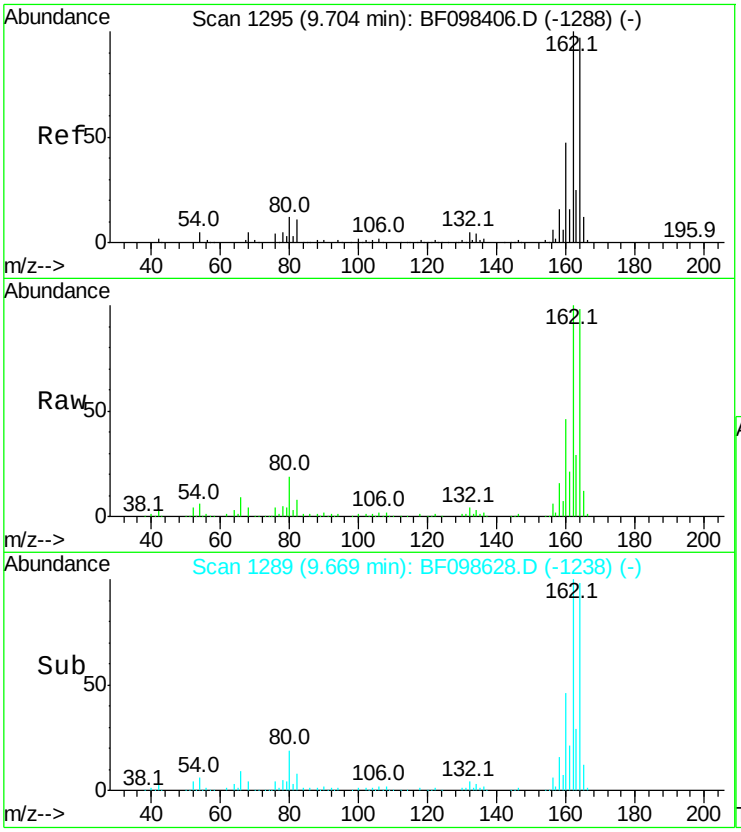


#25
Isophorone
Concen: 41.296 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.26 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion: 82 Resp: 717482

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



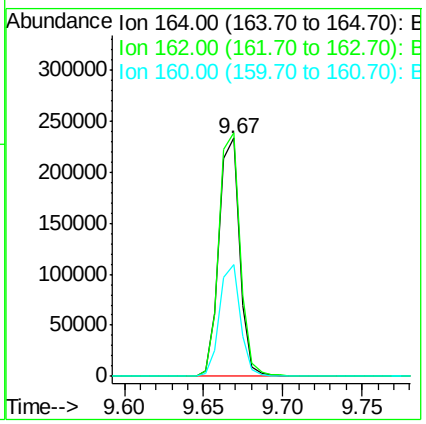


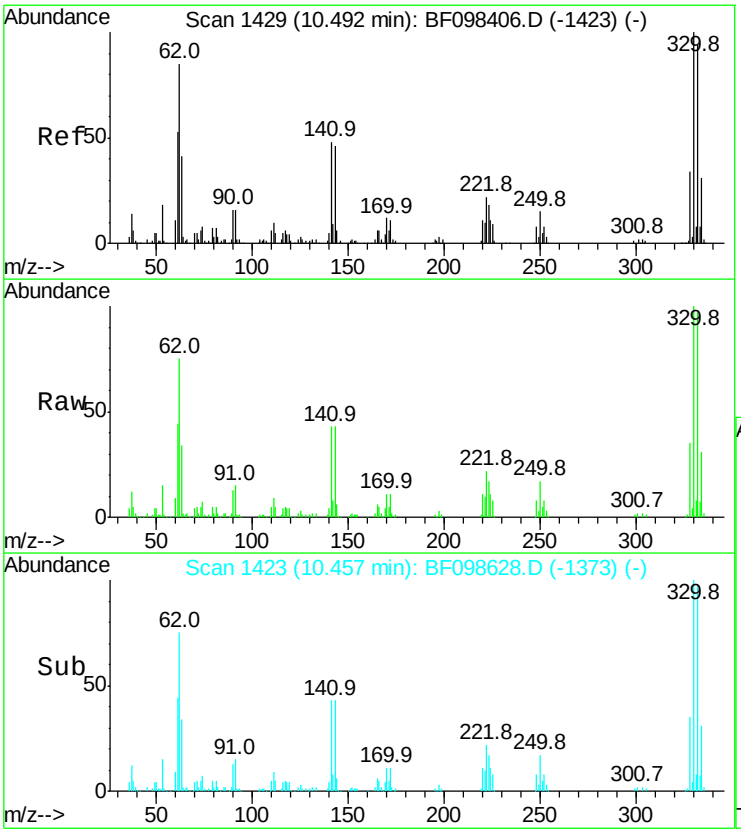
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 212240

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	46.8	36.2	54.2

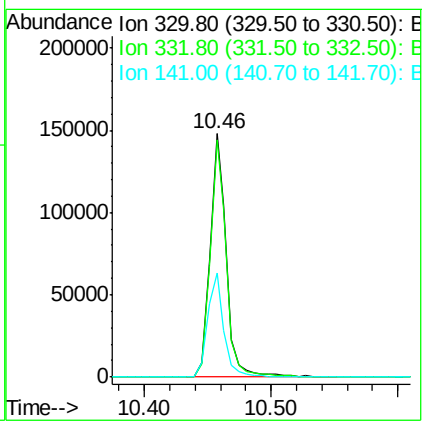


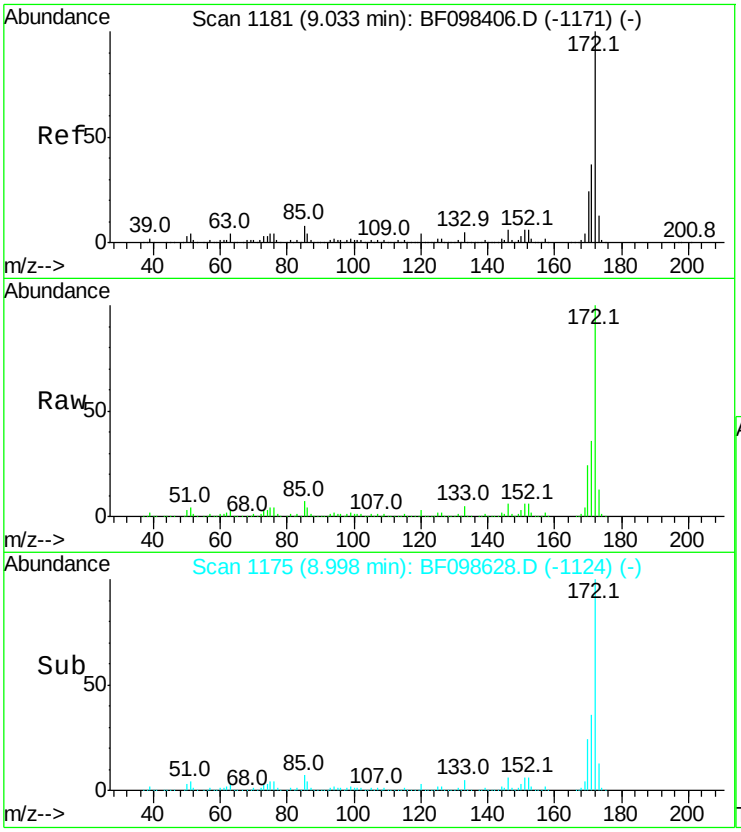


#41
2,4,6-Tribromophenol
Concen: 93.849 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion:330 Resp: 132940

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	43.1	31.4	47.2



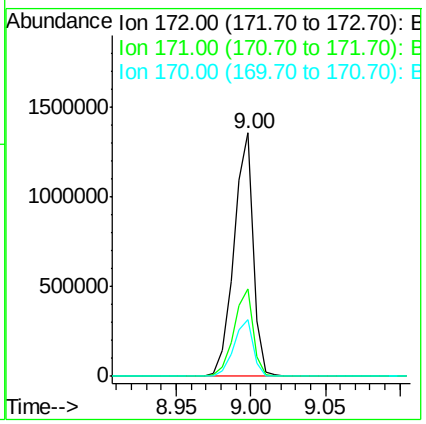


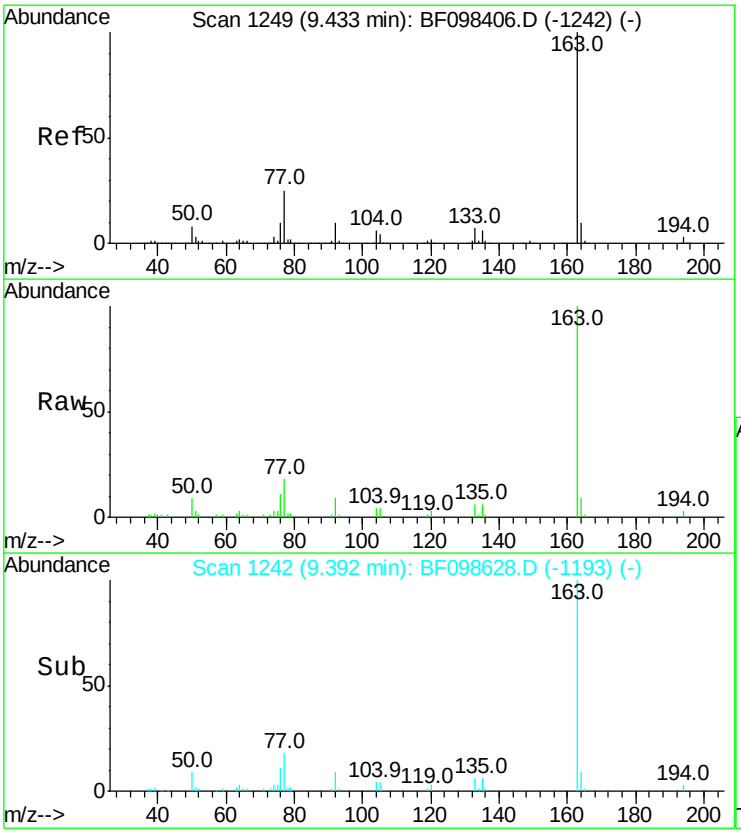
#44
2-Fluorobiphenyl
Concen: 98.685 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1235748

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.5	19.8	29.8

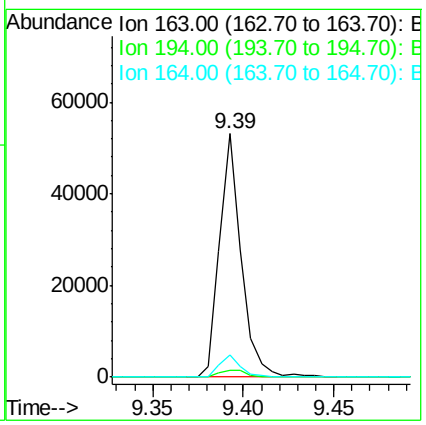


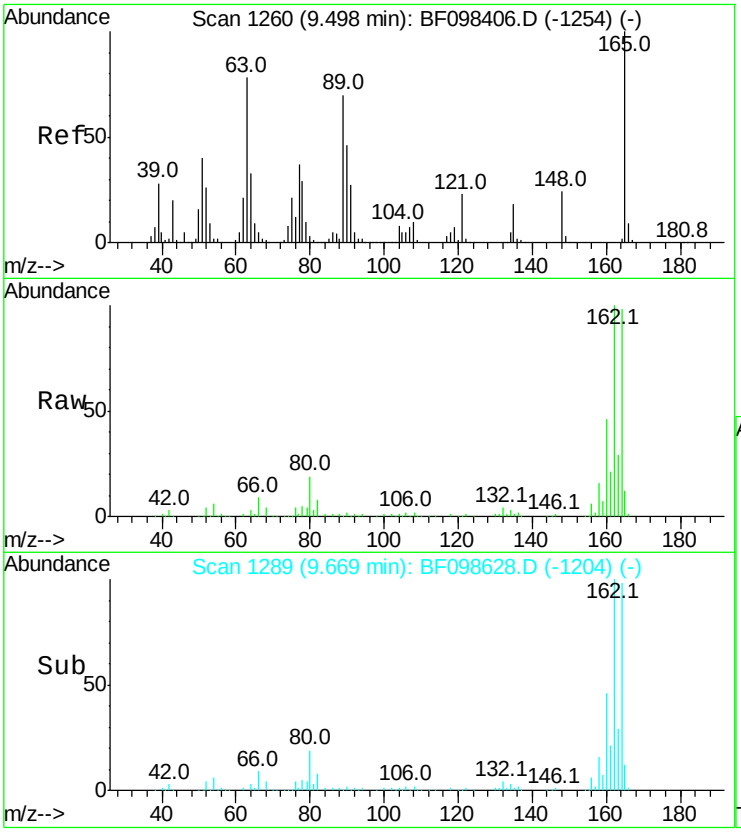


#49
Dimethylphthalate
Concen: 2.692 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion:163 Resp: 44225

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.2	8.4	12.6



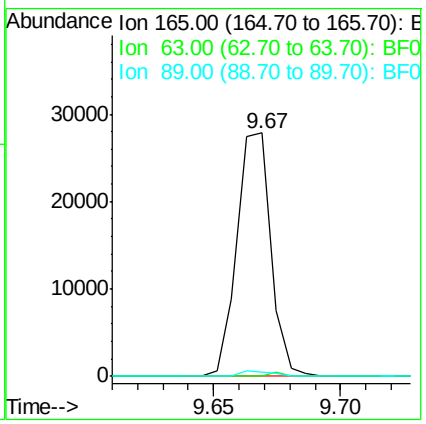


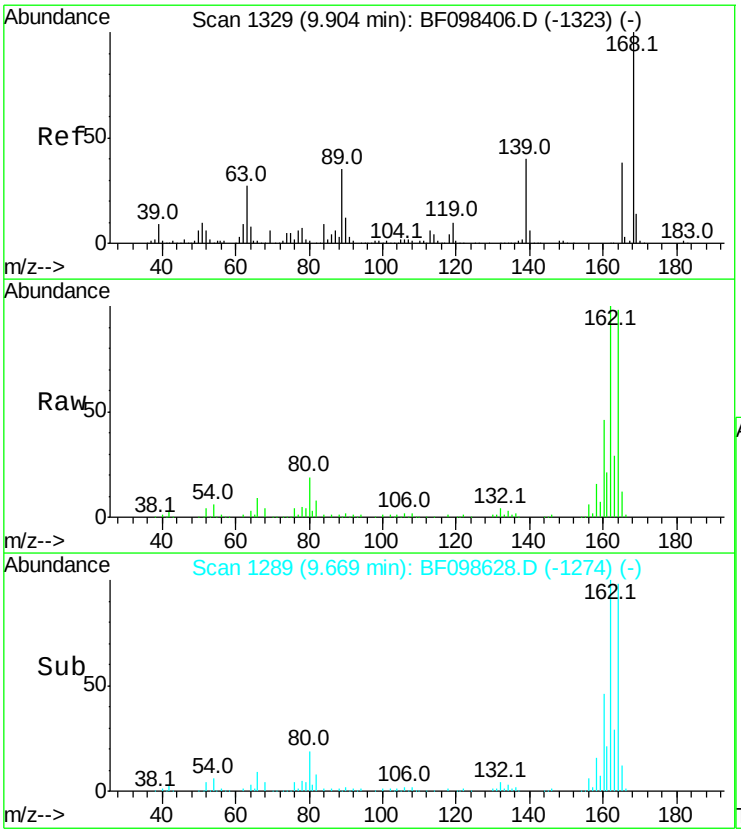
#50
2,6-Dinitrotoluene
Concen: 7.702 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.20 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25993

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.7	37.1	55.7#

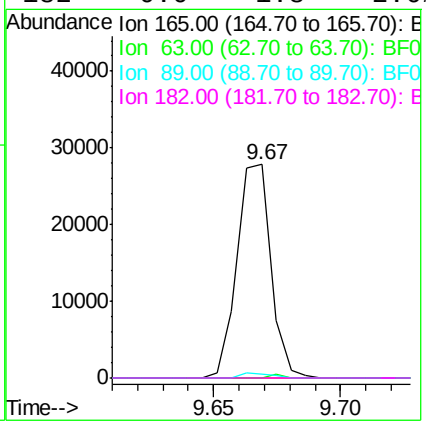


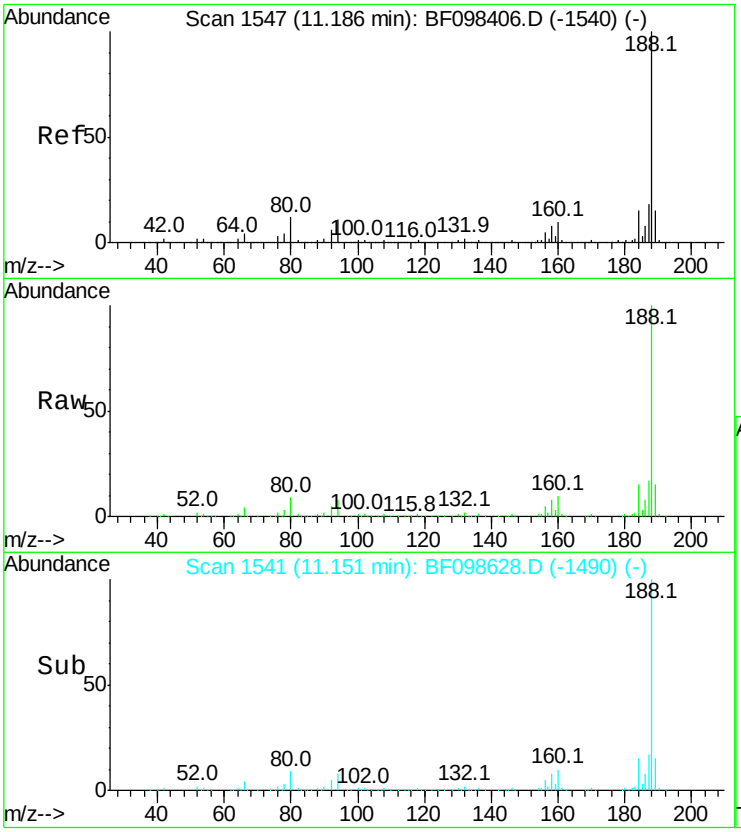


#56
2,4-Dinitrotoluene
Concen: 6.335 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion:165 Resp: 25993

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



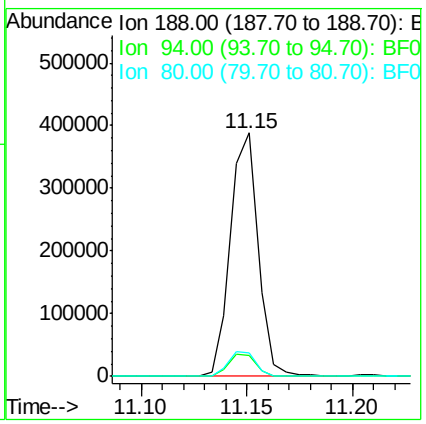


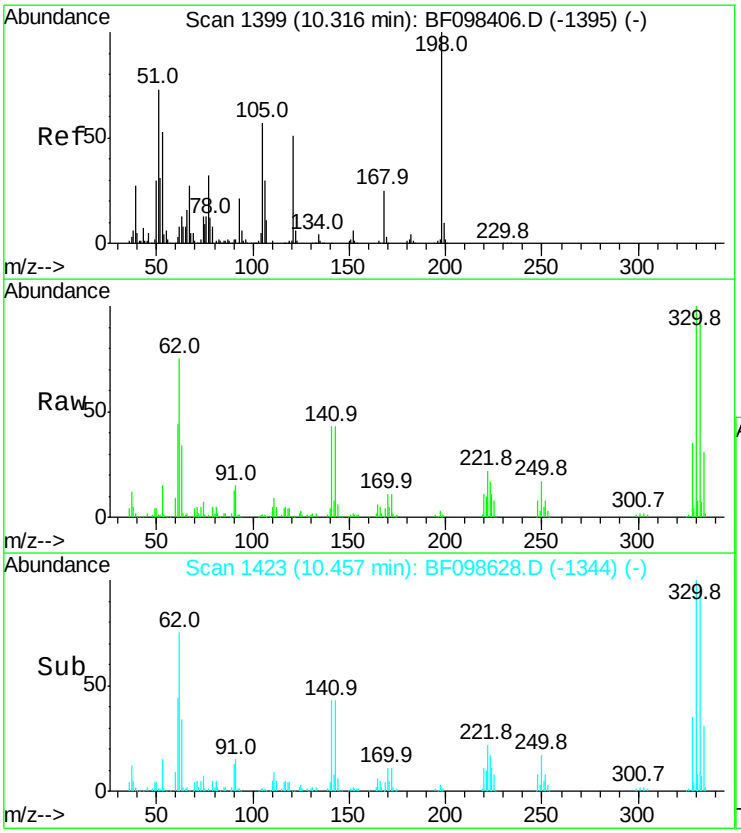
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 352421

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.4	14.2#
80	9.5	10.2	15.2#

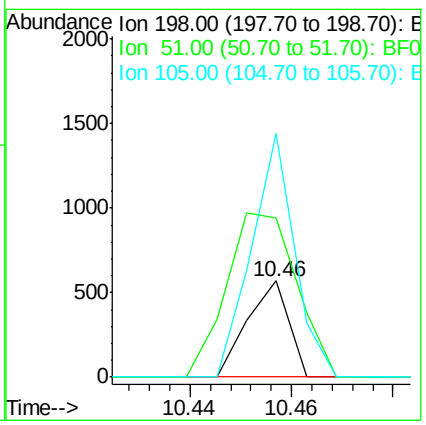


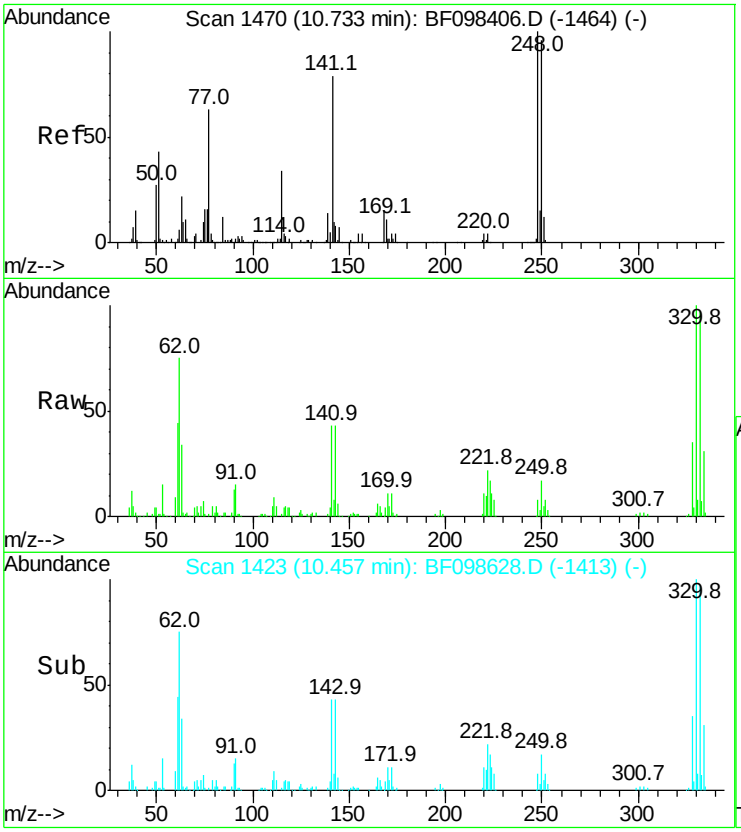


#64
4,6-Dinitro-2-methylphenol
Concen: 5.096 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.16 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion:198 Resp: 318

Ion	Ratio	Lower	Upper
198	100		
51	36.7	53.2	93.2#
105	56.3	45.8	85.8



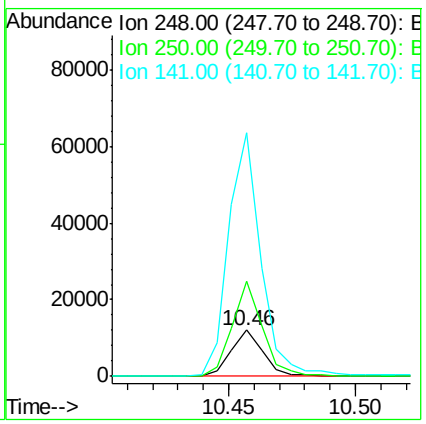


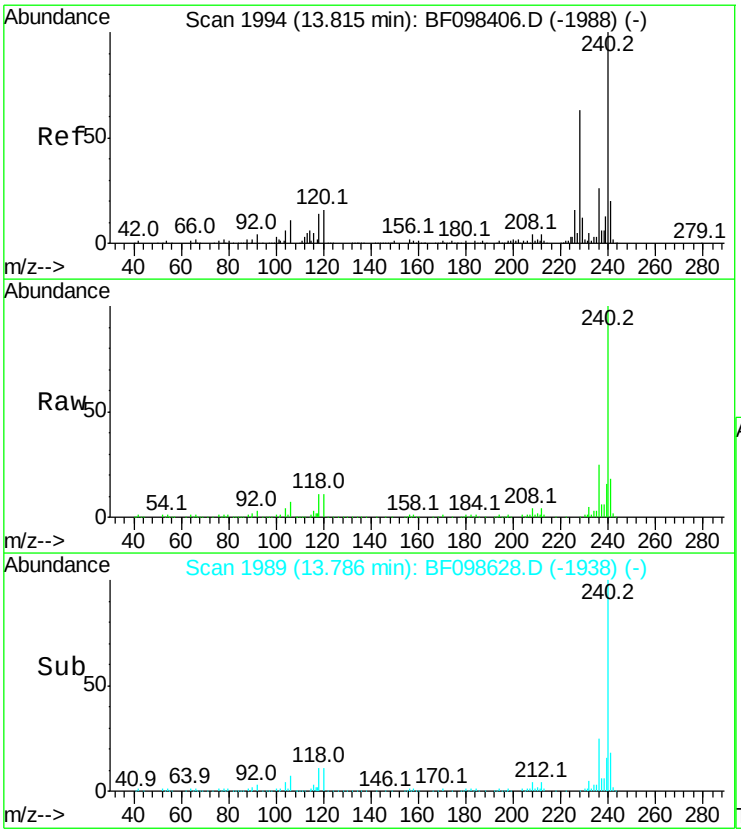
#66
4-Bromophenyl-phenylether
Concen: 3.115 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.24 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10419

Ion	Ratio	Lower	Upper
248	100		
250	206.6	76.8	115.2#
141	525.7	68.6	103.0#

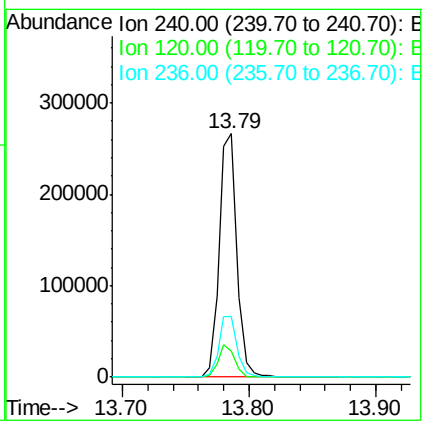


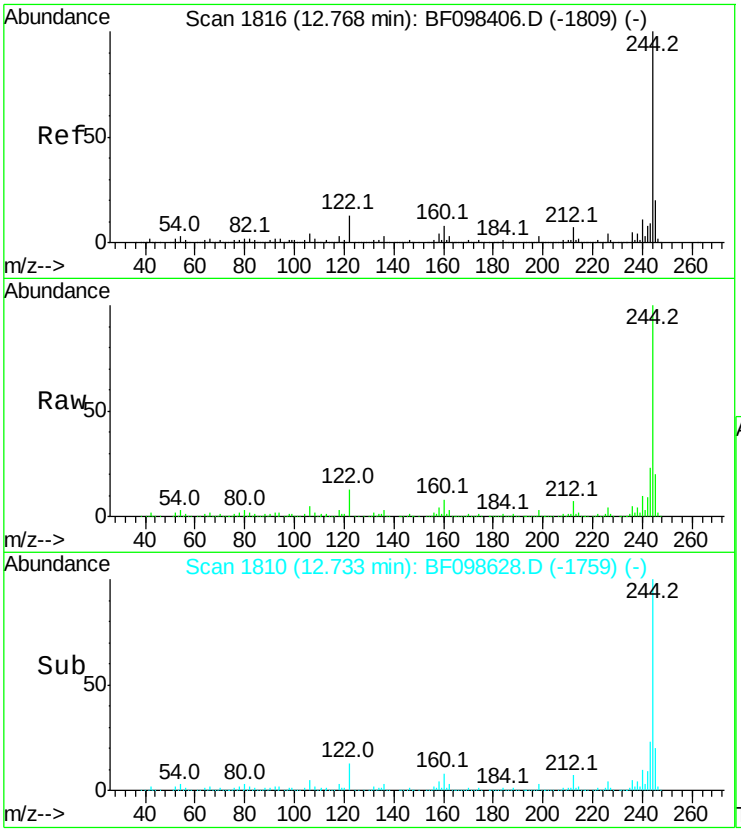


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion:240 Resp: 259054

Ion	Ratio	Lower	Upper
240	100		
120	10.6	5.8	8.8#
236	25.0	20.5	30.7



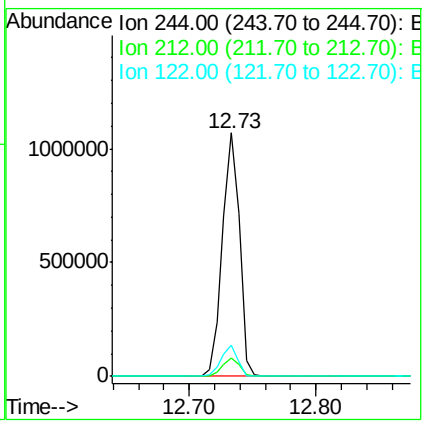


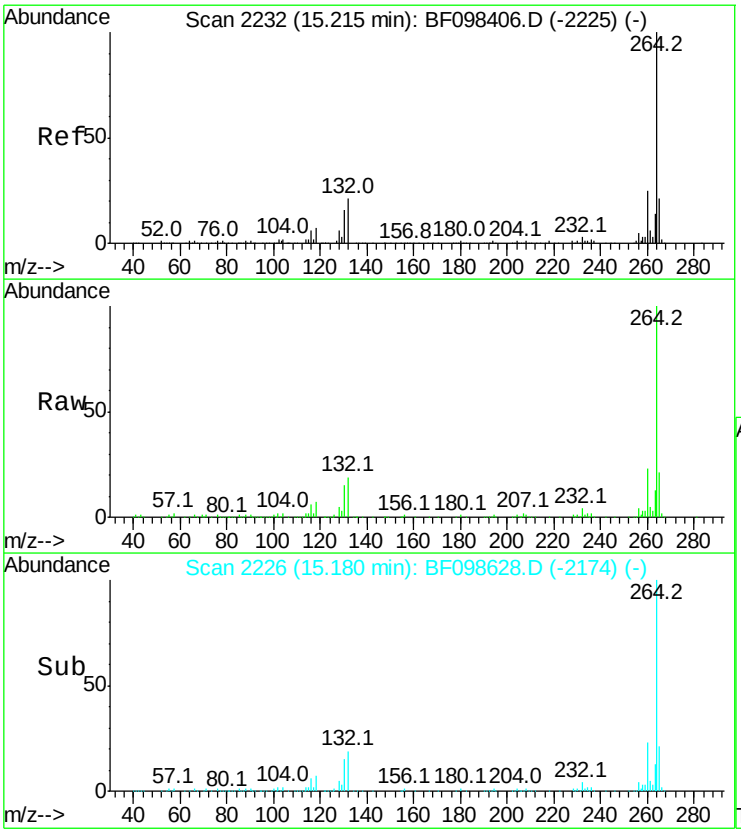
#78
Terphenyl-d14
Concen: 83.728 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Instrument :
BNA_F
ClientSampleId :

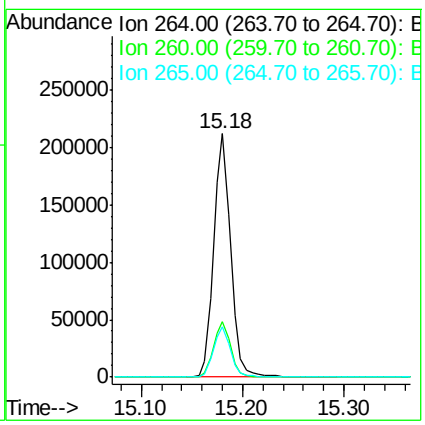
Tgt Ion:244 Resp: 1004880

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.9	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098628.D
Acq: 19 Sep 2017 4:05

Tgt Ion:264 Resp: 246625

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.9	17.2	25.8