Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097296.D
Acq On : 3 Aug 2017 1:48
Operator : SJ/JU
Sample : I4535-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 03 02:31:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	100953	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	406270	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	161755	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	253572	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	208006	20.00	ng	-0.05
86) Perylene-d12	14.92	264	148444	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	529998	79.14	ng	-0.05
7) Phenol-d6	6.12	99	353852	46.28	ng	-0.05
23) Nitrobenzene-d5	7.02	82	648950	93.71	ng	-0.05
41) 2,4,6-Tribromophenol	10.27	330	163416	127.87	ng	-0.05
44) 2-Fluorobiphenyl	8.82	172	940982	98.73	ng	-0.05
78) Terphenyl-d14	12.53	244	660370	64.73	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	1.96	88	61832	22.13	ng	# 73
9) Benzaldehyde	6.23	77	13731	3.03	ng	# 76
15) Benzyl Alcohol	6.61	79	9996	2.07	ng	# 31
19) n-Nitroso-di-n-propylamine	7.02	70	86422	17.17	ng	# 83
25) Isophorone	7.02	82	635369	46.85	ng	# 67
50) 2,6-Dinitrotoluene	9.47	165	19429	7.46	ng	# 33
56) 2,4-Dinitrotoluene	9.47	165	19429	6.49	ng	# 32
66) 4-Bromophenyl-phenylether	10.27	248	10173	4.02	ng	# 1

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

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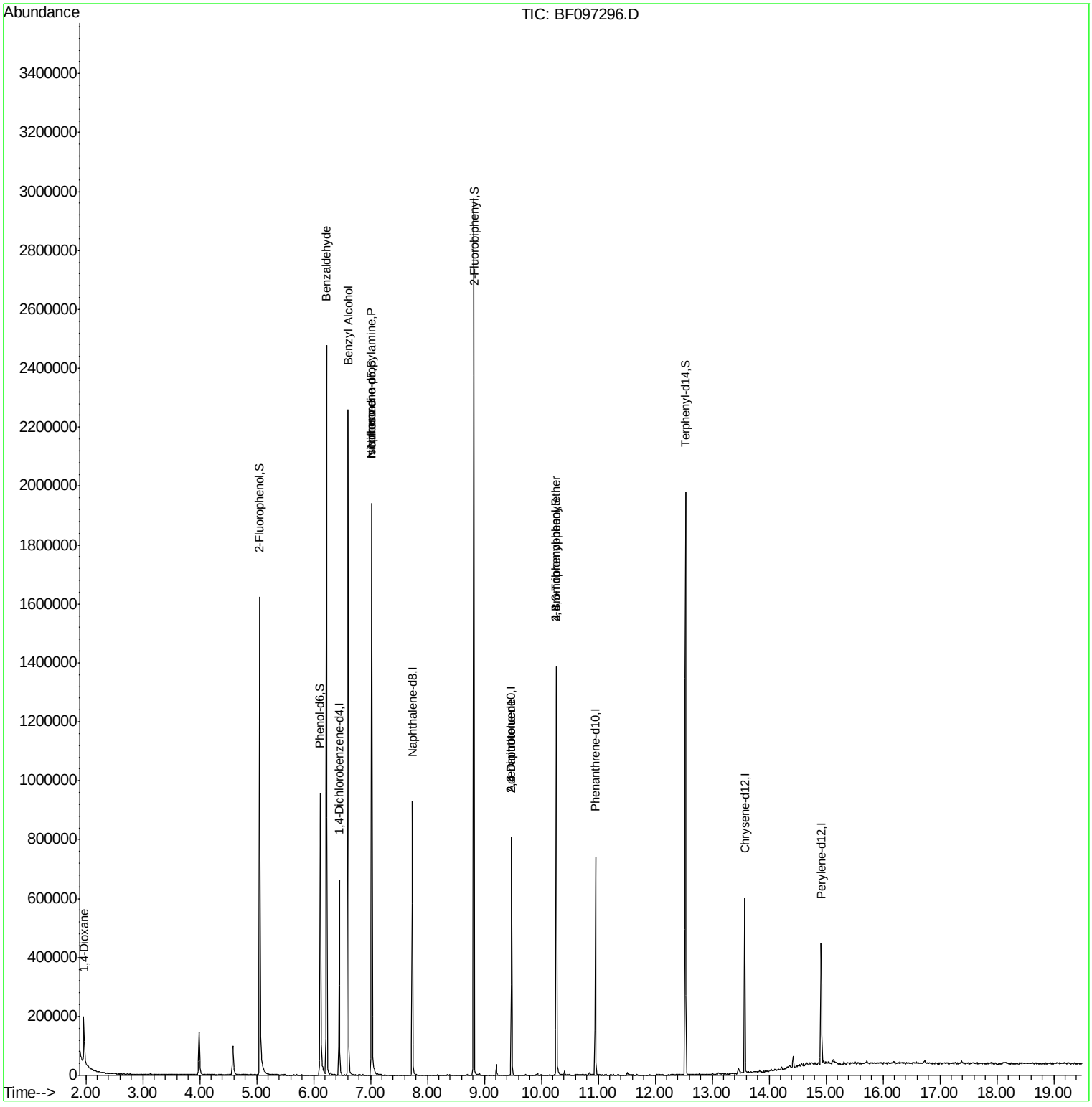
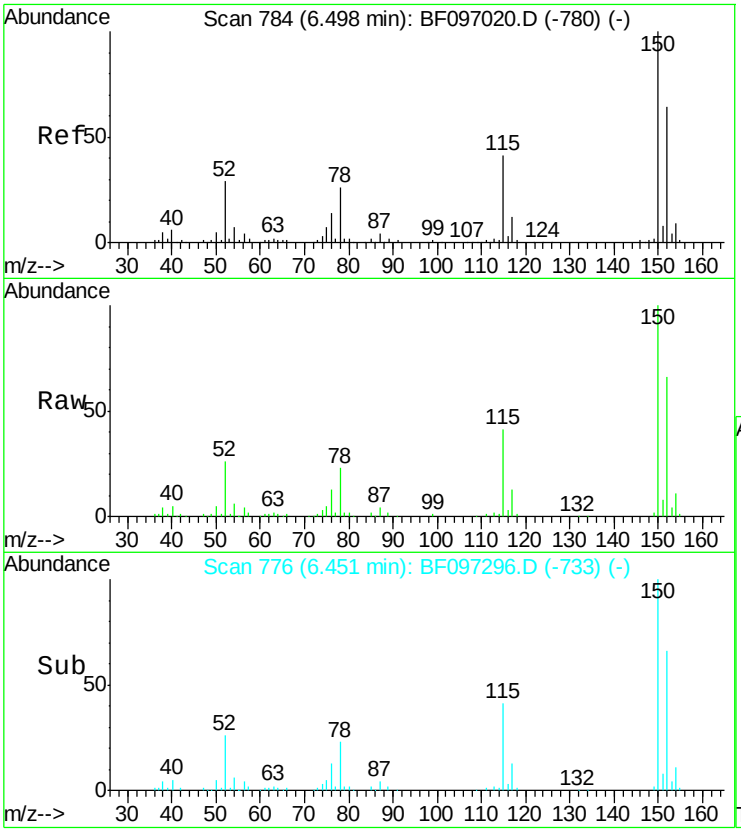


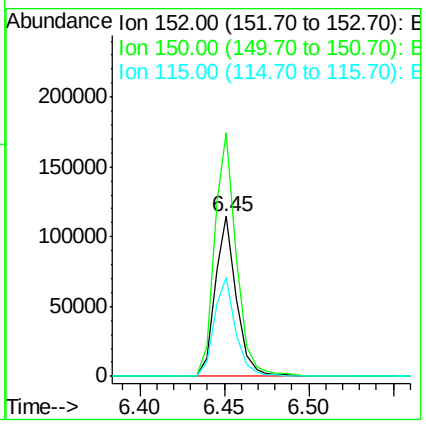


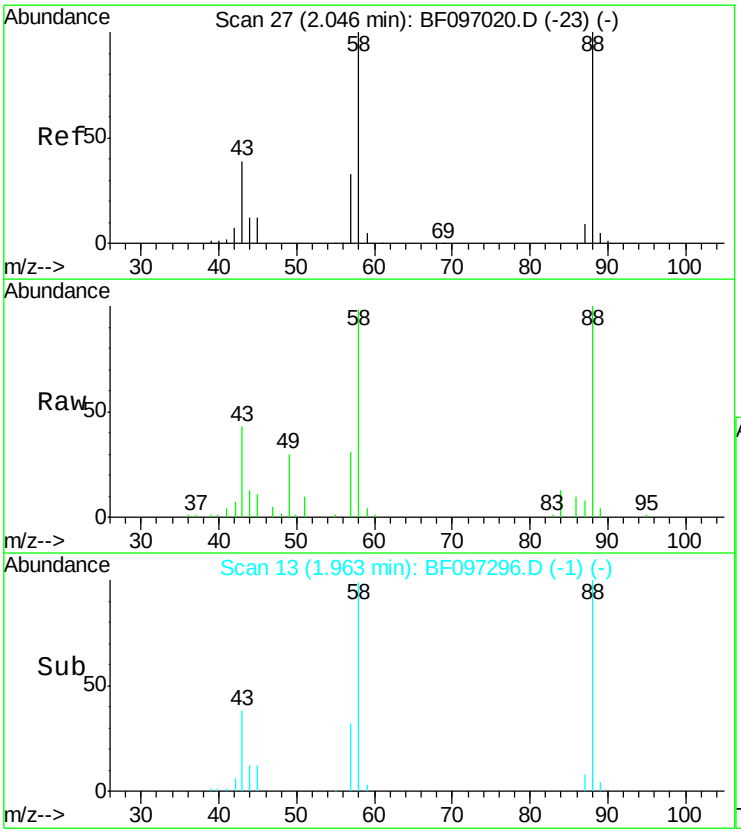
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100953

Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.2
115	62.2	52.2	78.2

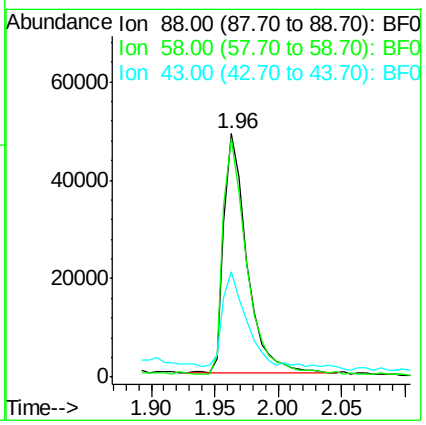


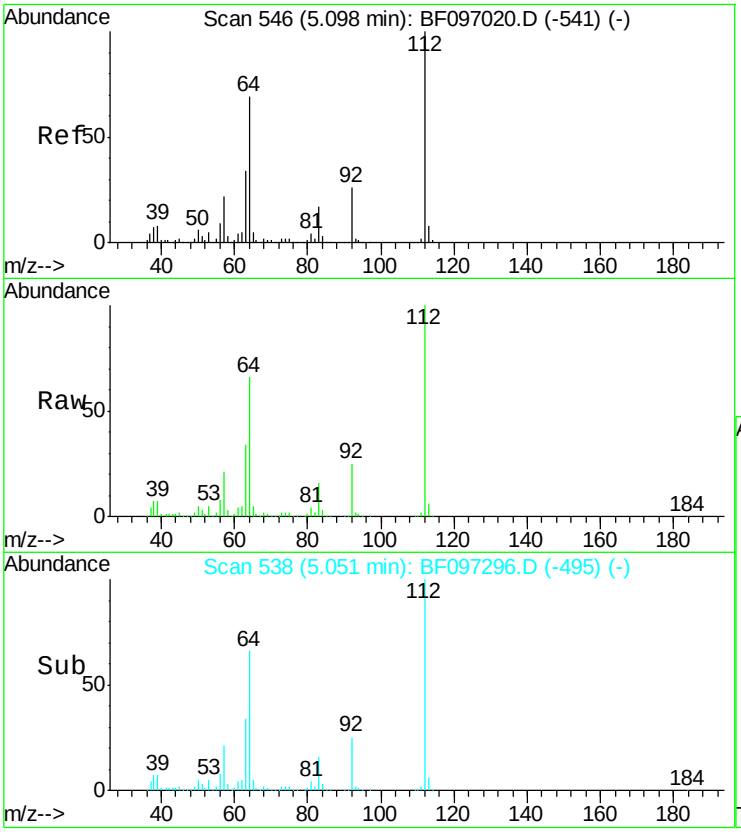


#2
1,4-Dioxane
Concen: 22.13 ng
RT: 1.96 min Scan# 13
Delta R.T. -0.08 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion: 88 Resp: 61832

Ion	Ratio	Lower	Upper
88	100		
58	101.9	61.4	92.0#
43	40.6	23.4	35.0#



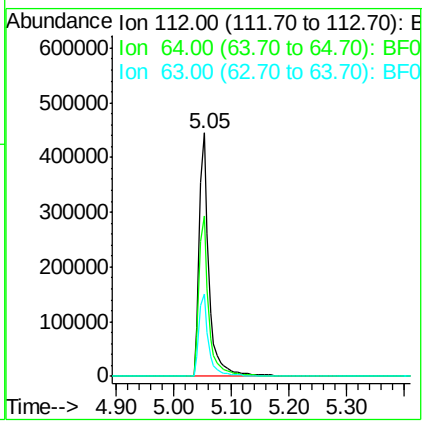


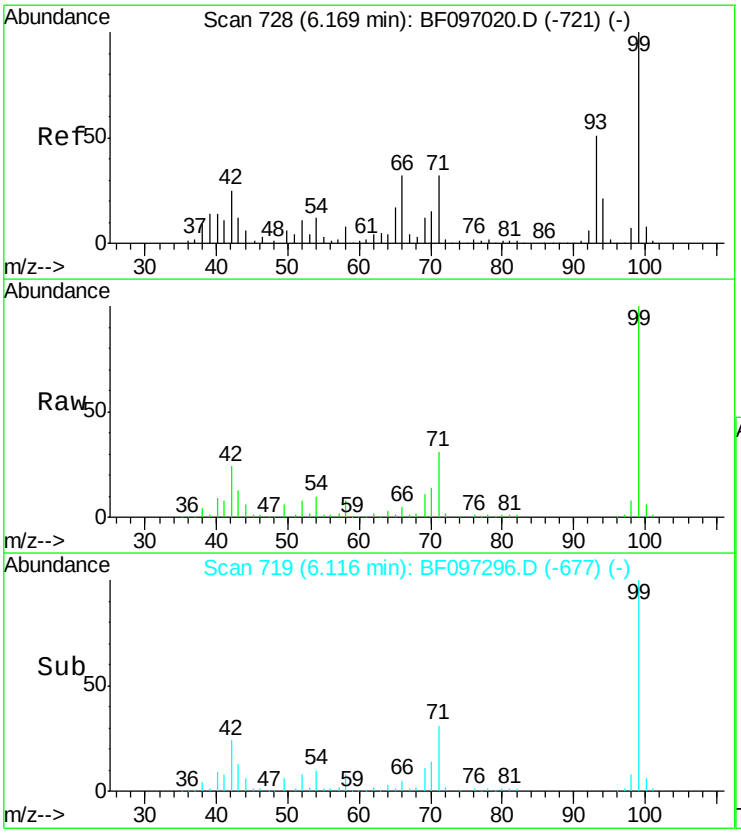
#5
2-Fluorophenol
Concen: 79.14 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 529998

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	33.7	23.4	35.0

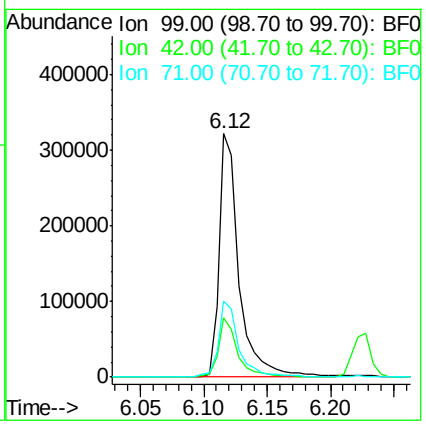


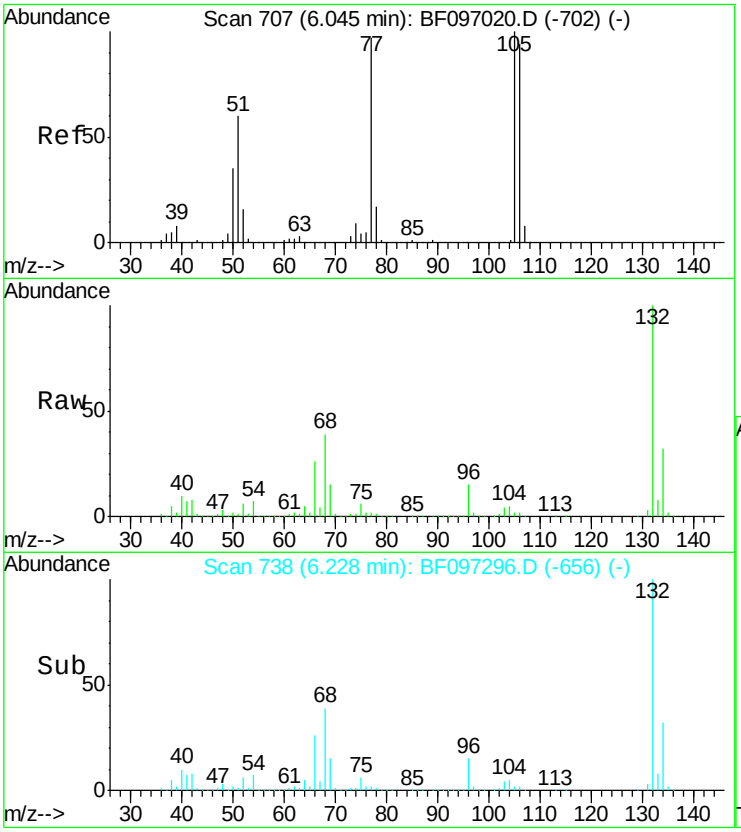


#7
Phenol-d6
Concen: 46.28 ng
RT: 6.12 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion: 99 Resp: 353852

Ion	Ratio	Lower	Upper
99	100		
42	24.2	13.5	20.3#
71	31.4	24.5	36.7



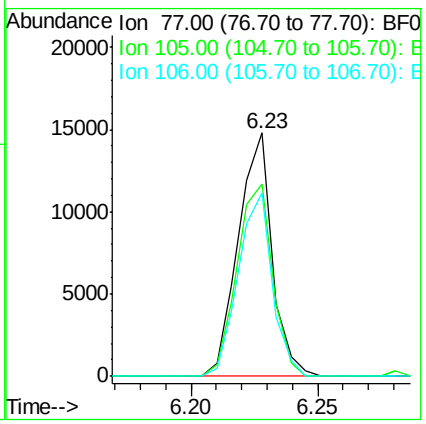


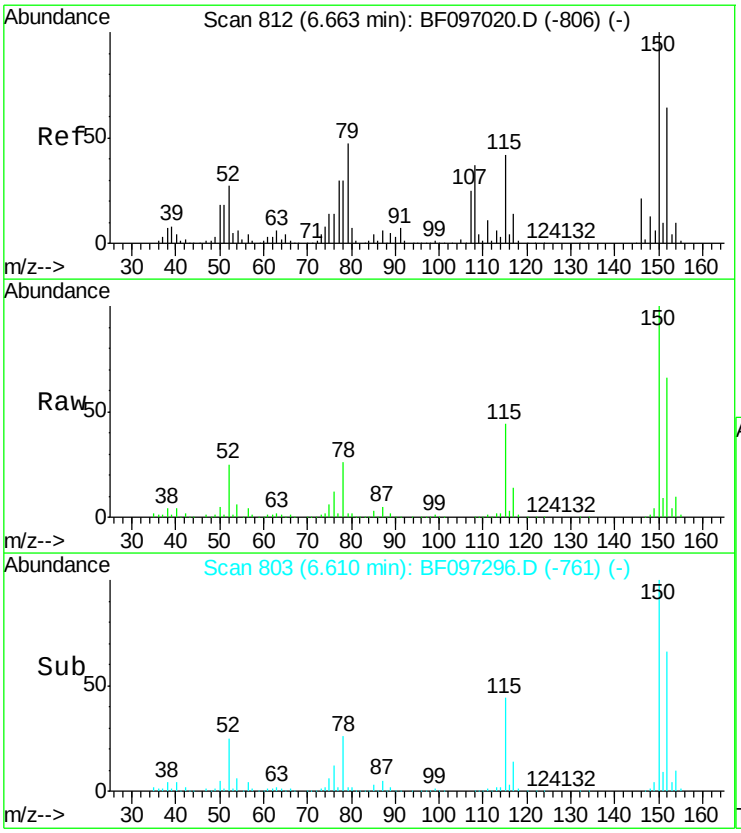
#9
Benzaldehyde
Concen: 3.03 ng
RT: 6.23 min Scan# 738
Delta R.T. 0.18 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 13731

Ion	Ratio	Lower	Upper
77	100		
105	79.1	83.8	123.8#
106	75.5	79.1	119.1#

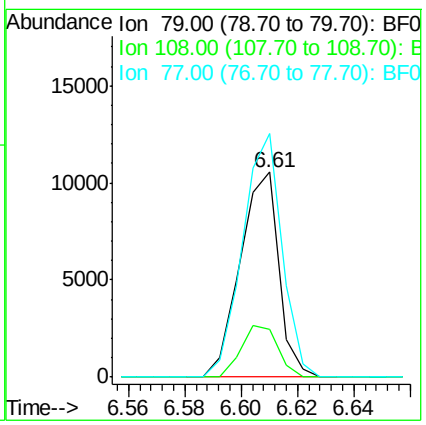


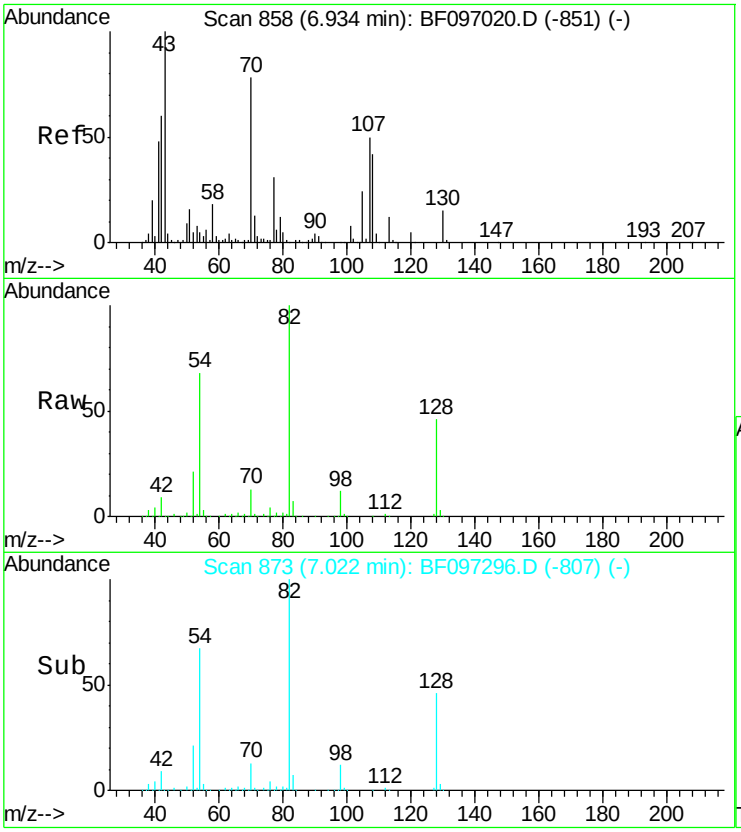


#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion: 79 Resp: 9996

Ion	Ratio	Lower	Upper
79	100		
108	23.0	63.4	95.0#
77	118.9	49.2	73.8#



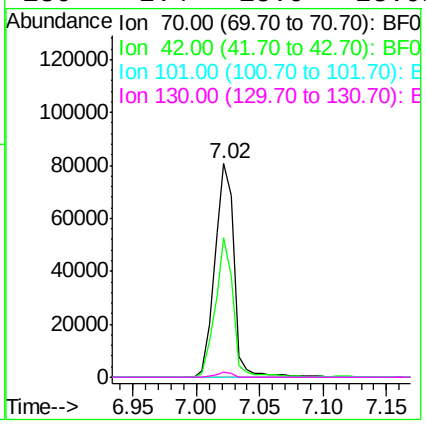


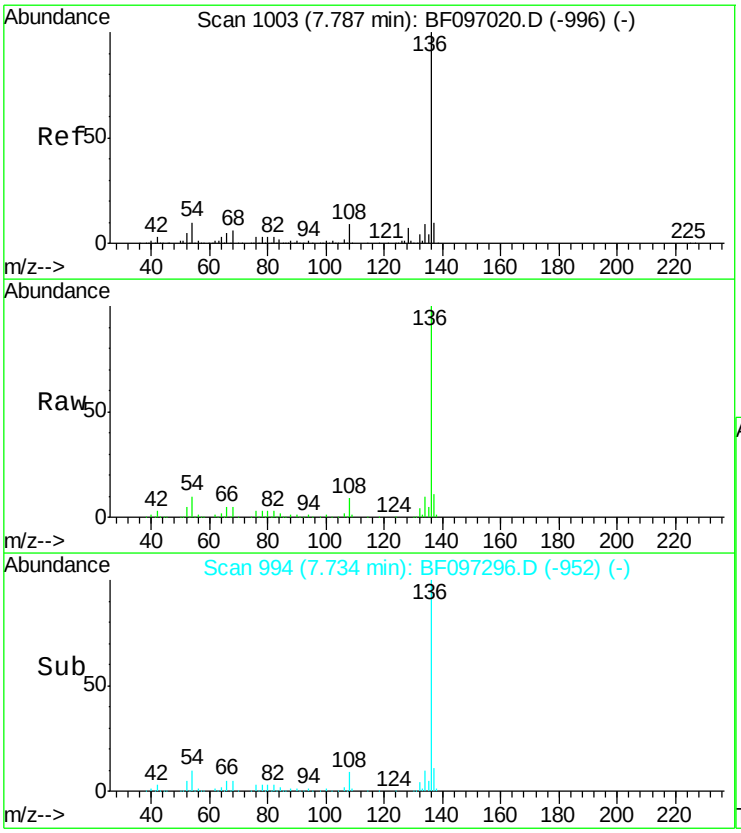
#19
n-Nitroso-di-n-propylamine
Concen: 17.17 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 86422

Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

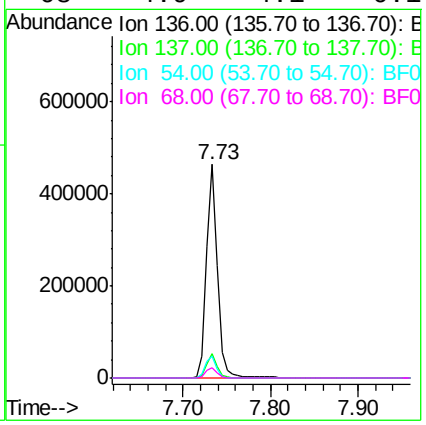


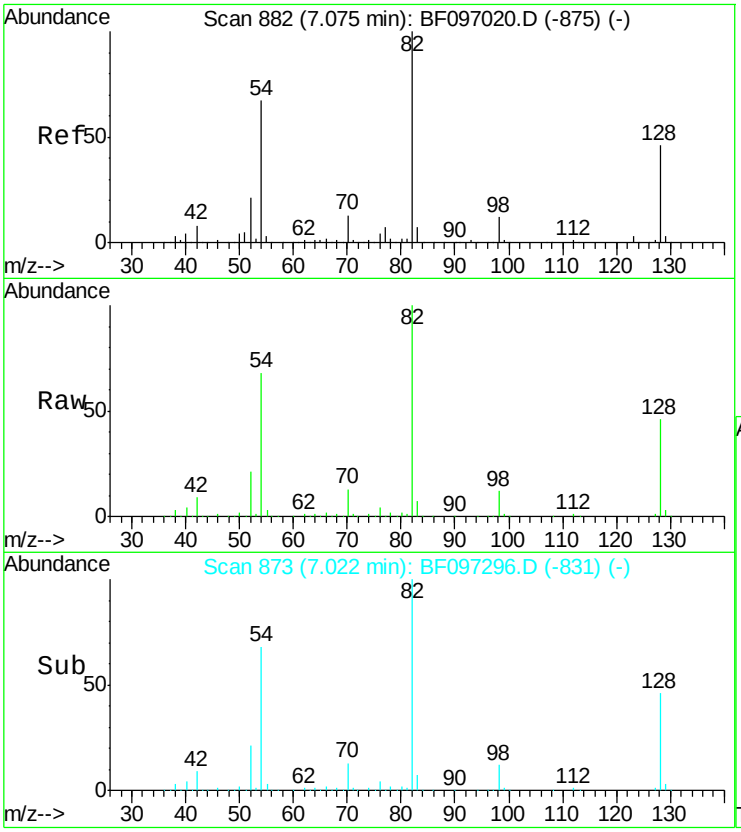


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion:136 Resp: 406270

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.0	4.9	7.3#
68	4.9	4.1	6.1



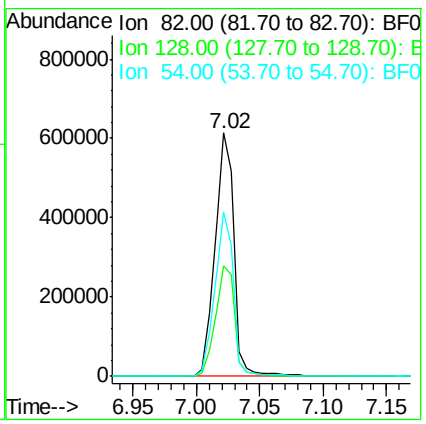


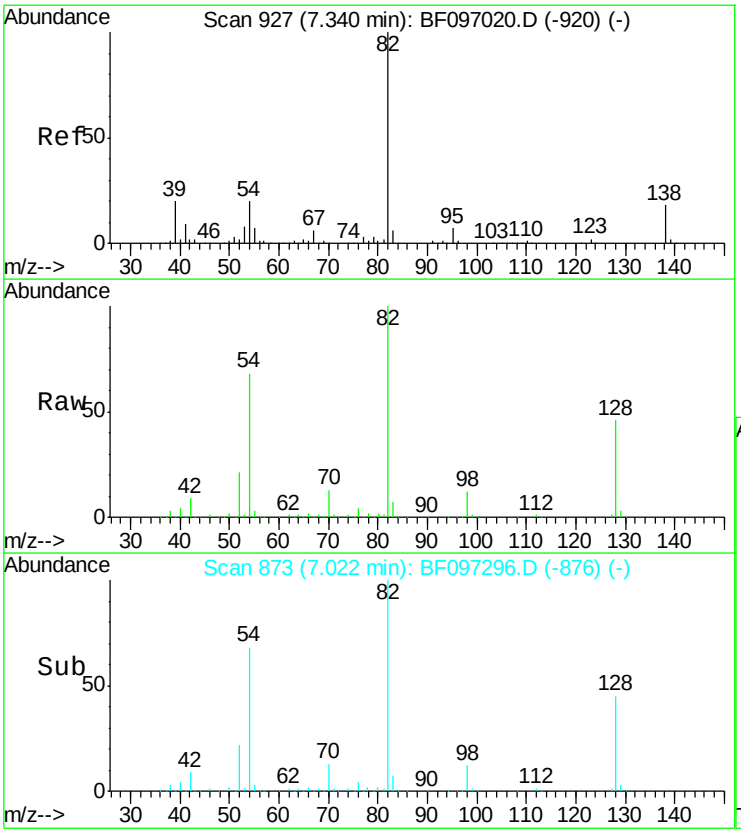
#23
Nitrobenzene-d5
Concen: 93.71 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 648950

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	67.5	42.2	63.2#

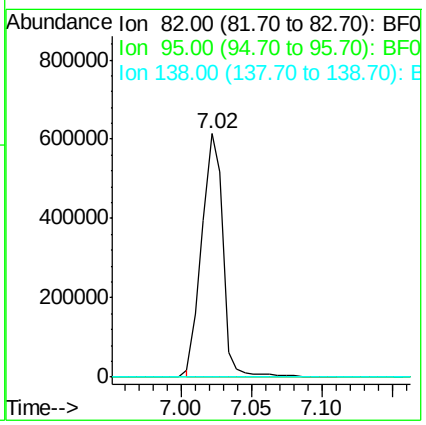


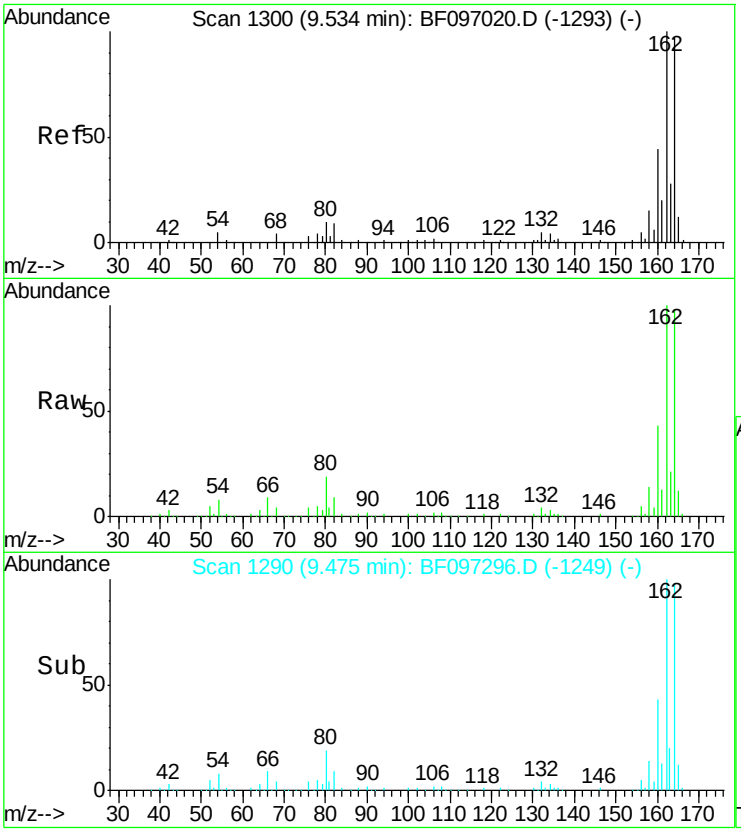


#25
Isophorone
Concen: 46.85 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.32 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion: 82 Resp: 635369

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



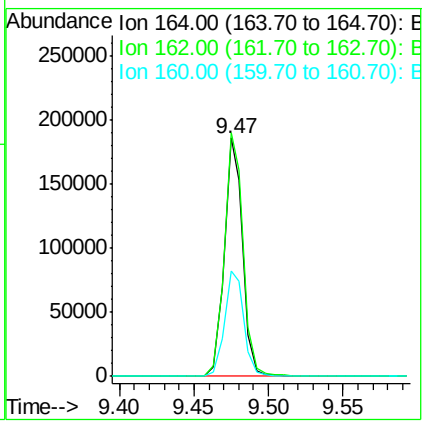


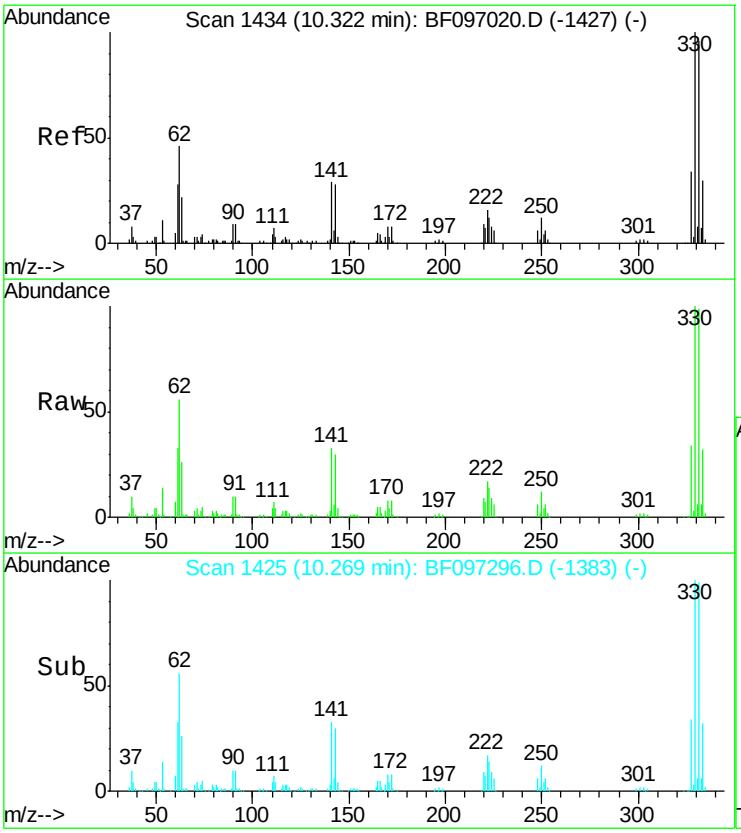
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 161755

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.2	36.2	54.2

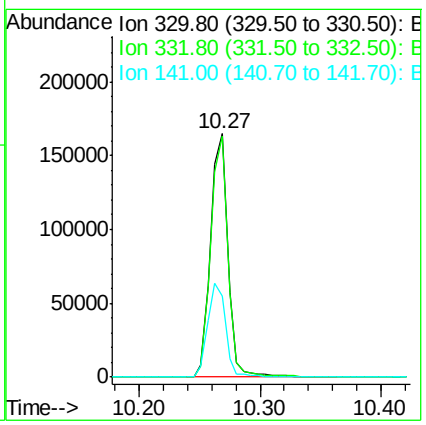


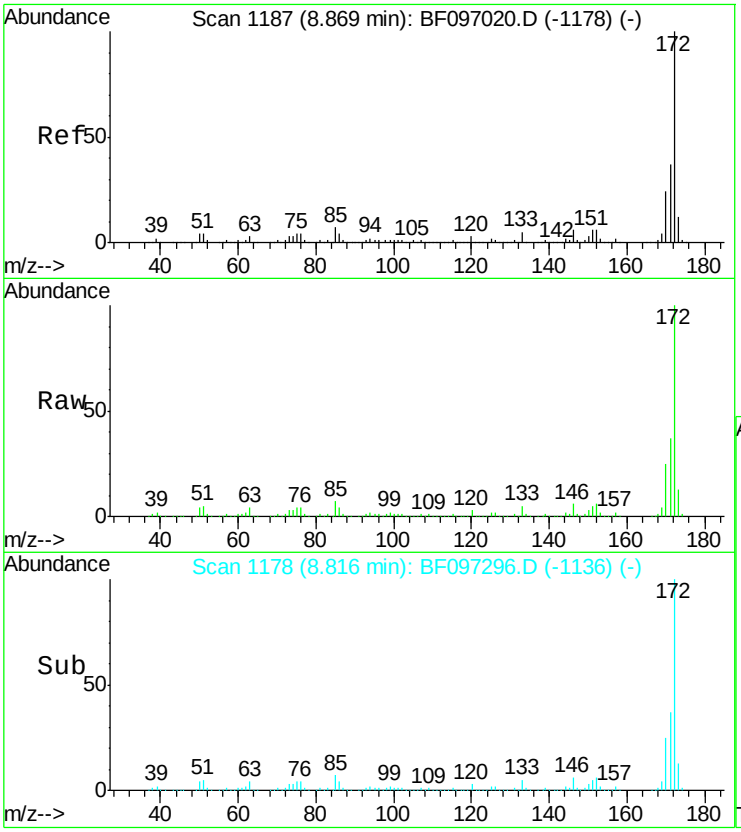


#41
2,4,6-Tribromophenol
Concen: 127.87 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion:330 Resp: 163416

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	39.8	31.4	47.2



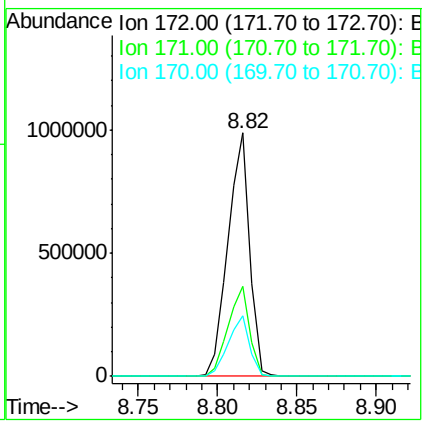


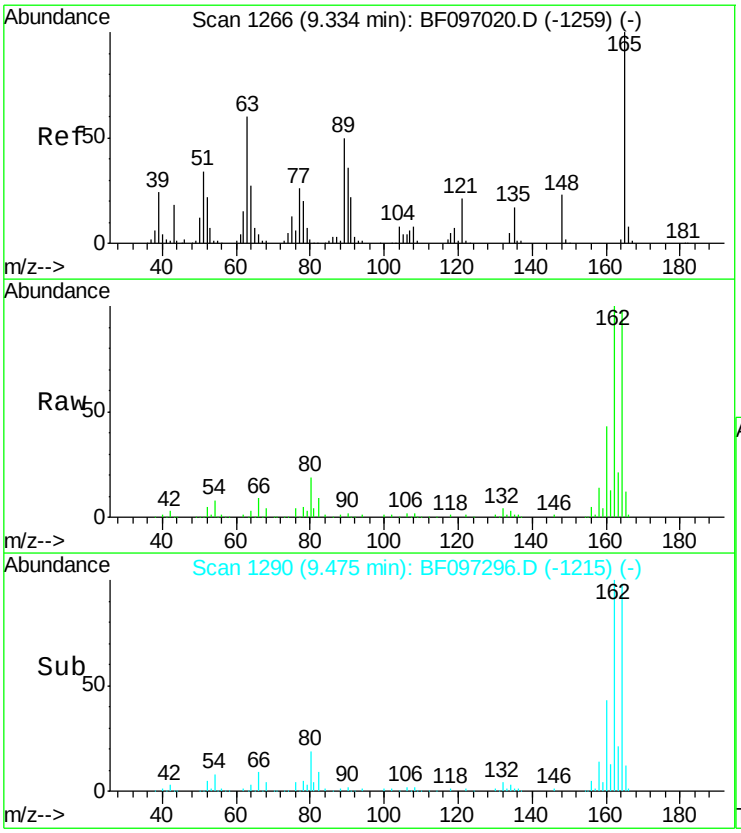
#44
2-Fluorobiphenyl
Concen: 98.73 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 940982

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.7	19.8	29.8

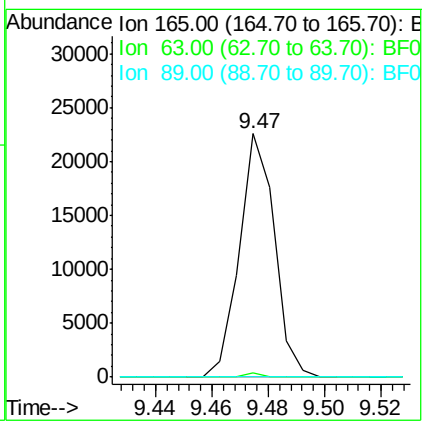


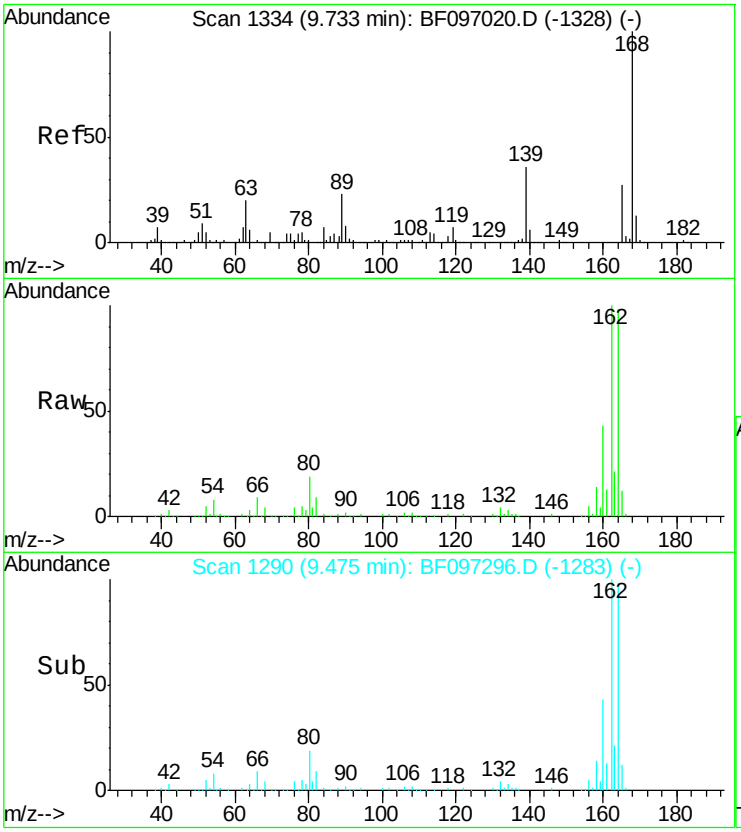


#50
2,6-Dinitrotoluene
Concen: 7.46 ng
RT: 9.47 min Scan# 1290
Delta R.T. 0.14 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion:165 Resp: 19429

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	0.0	37.1	55.7#



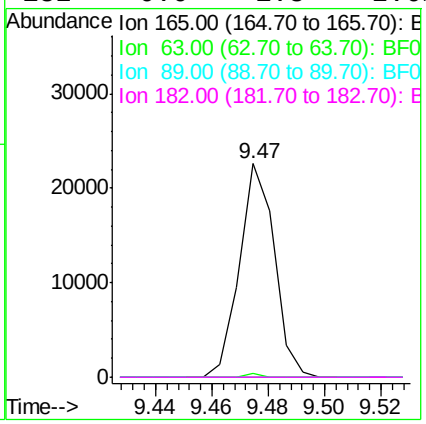


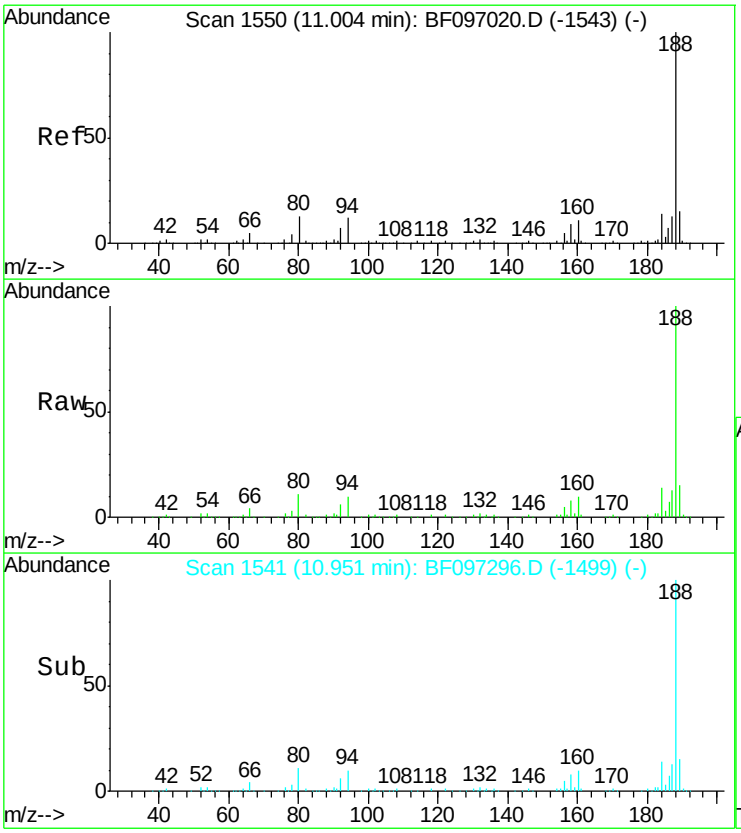
#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.26 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19429

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

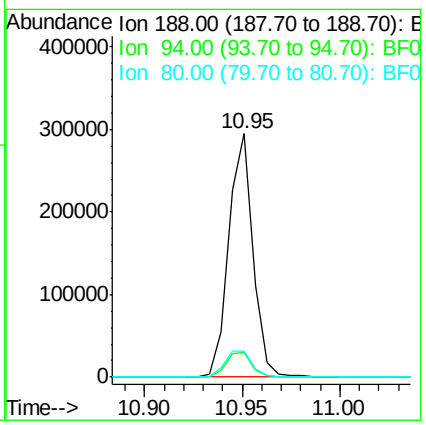


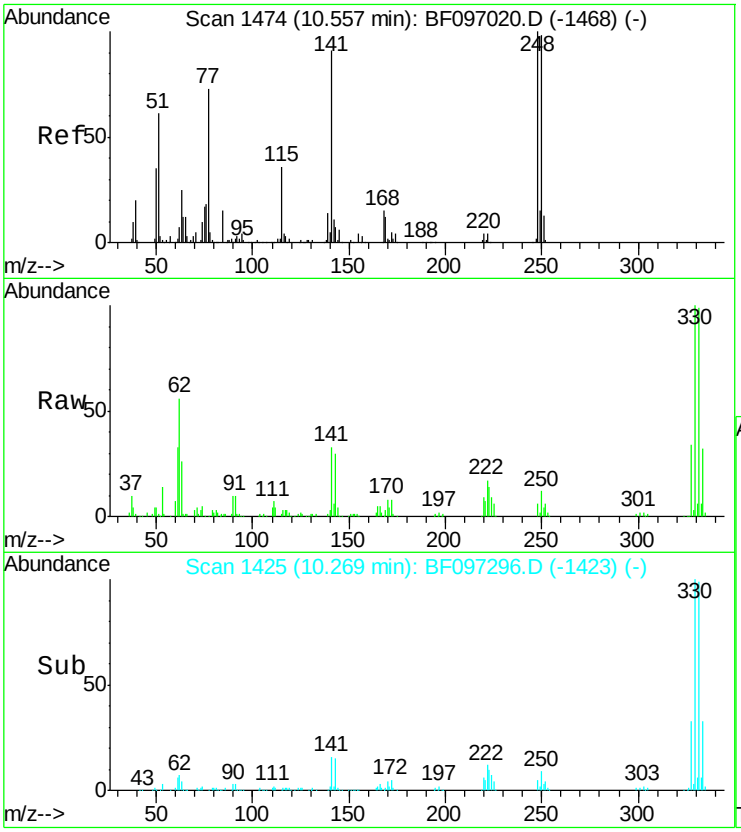


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion:188 Resp: 253572

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.5	10.2	15.2



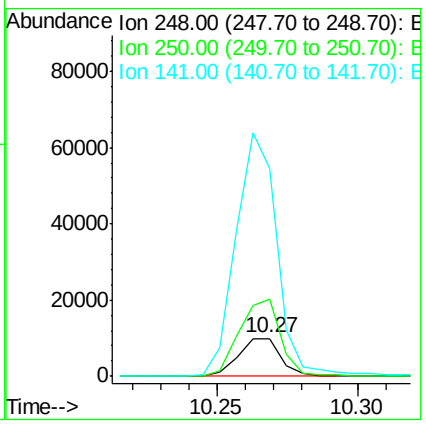


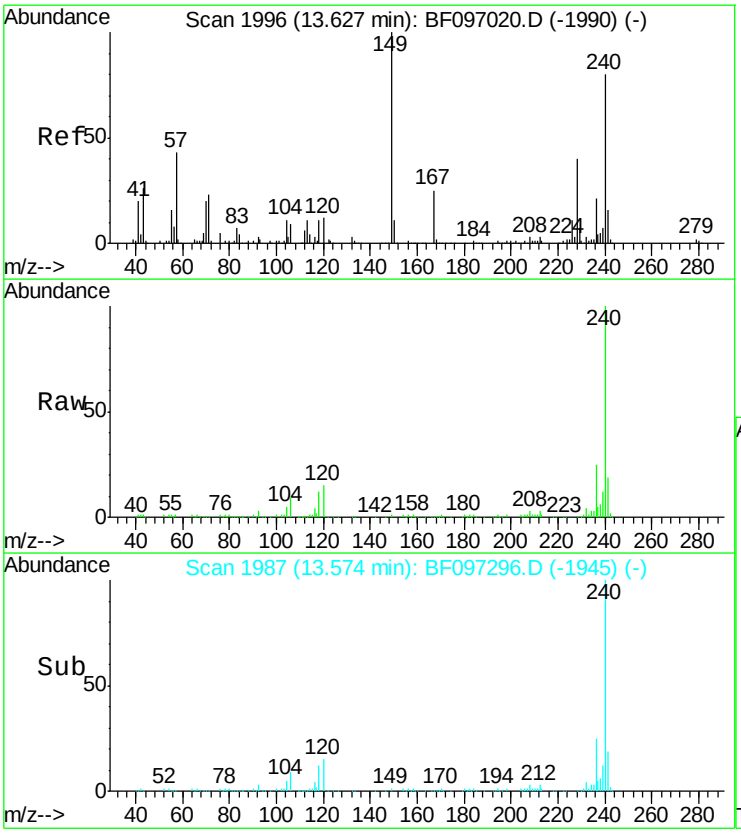
#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.29 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10173

Ion	Ratio	Lower	Upper
248	100		
250	203.0	76.8	115.2#
141	546.1	68.6	103.0#

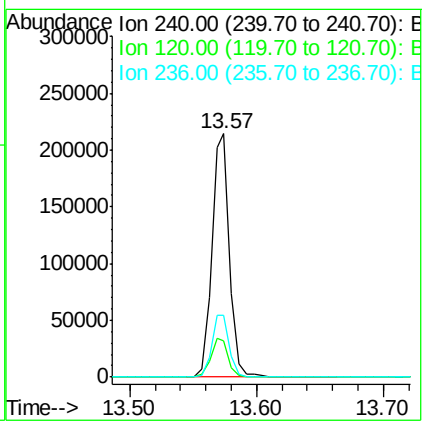


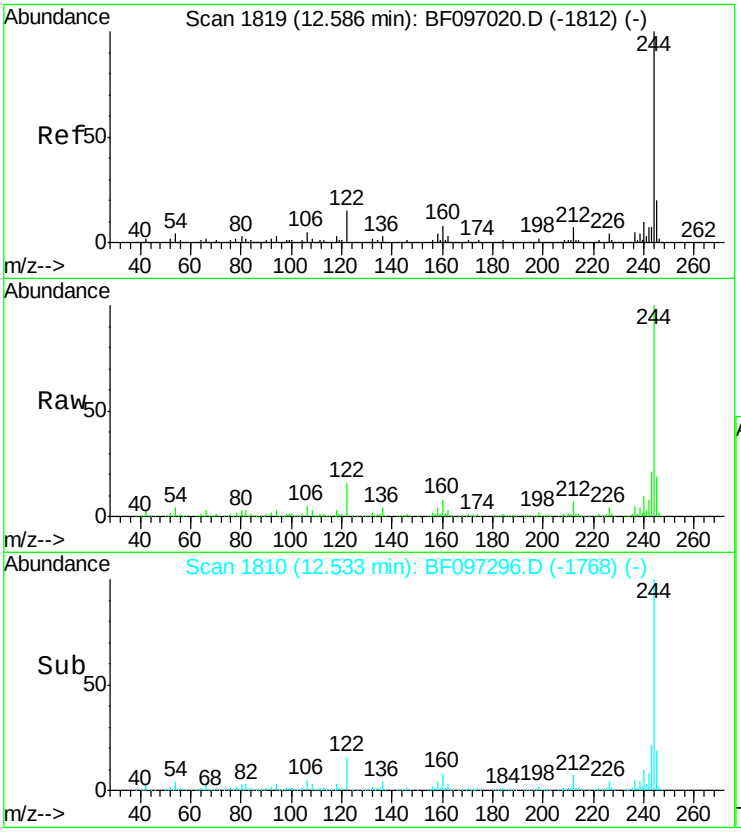


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.57 min Scan# 1987
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion:240 Resp: 208006

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.5	20.5	30.7



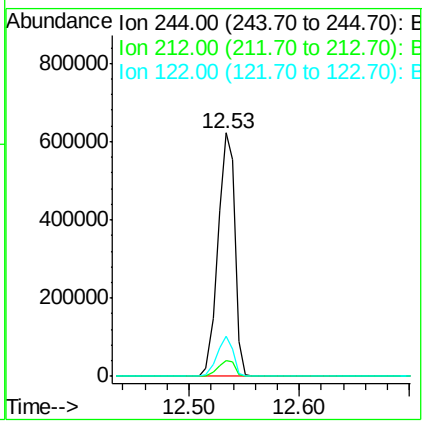


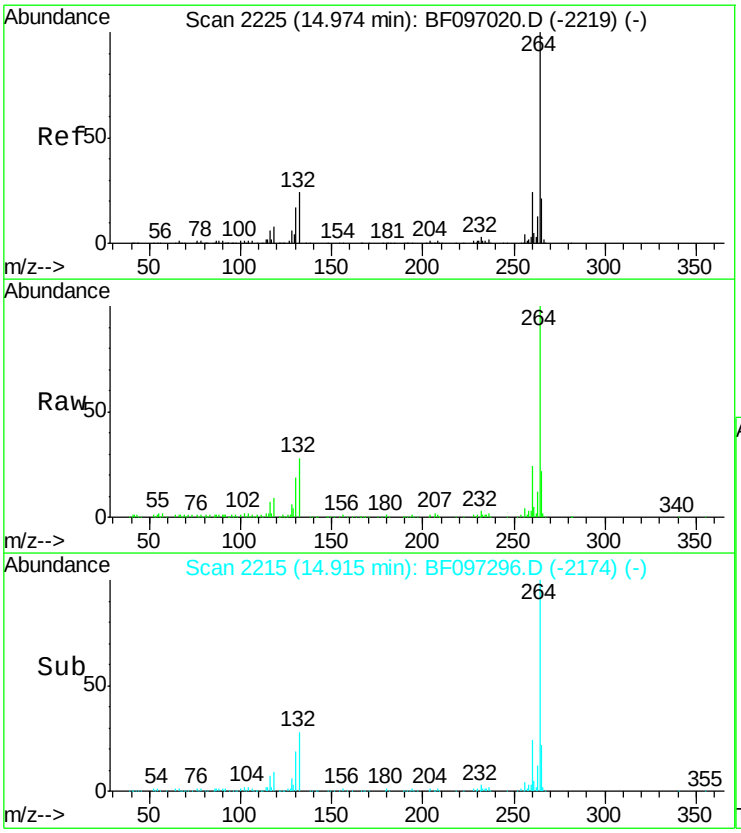
#78
Terphenyl-d14
Concen: 64.73 ng
RT: 12.53 min Scan# 1810
Delta R.T. -0.05 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 660370

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	16.5	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097296.D
Acq: 3 Aug 2017 1:48

Tgt Ion:264 Resp: 148444

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.3	17.2	25.8