Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100004.D
Acq On : 31 Oct 2017 15:50
Operator : SJ/JU
Sample : PB103743BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 04:17:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83212	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	353302	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	175236	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	343067	20.00	ng		0.00
75) Chrysene-d12	13.97	240	295417	20.00	ng		-0.01
86) Perylene-d12	15.46	264	226119	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	555545	104.82	ng		0.01
7) Phenol-d6	6.43	99	664547	105.74	ng		0.00
23) Nitrobenzene-d5	7.36	82	377176	68.73	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	172507	108.02	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	830542	73.12	ng		0.00
78) Terphenyl-d14	12.90	244	877504	64.91	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	9771	2.602	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	46559	12.642	ng	#	68
25) Isophorone	7.36	82	377173	37.877	ng	#	64
50) 2,6-Dinitrotoluene	9.82	165	21484	7.364	ng	#	24
56) 2,4-Dinitrotoluene	9.82	165	21484	6.115	ng	#	21
66) 4-Bromophenyl-phenylether	10.62	248	11333	3.138	ng	#	1

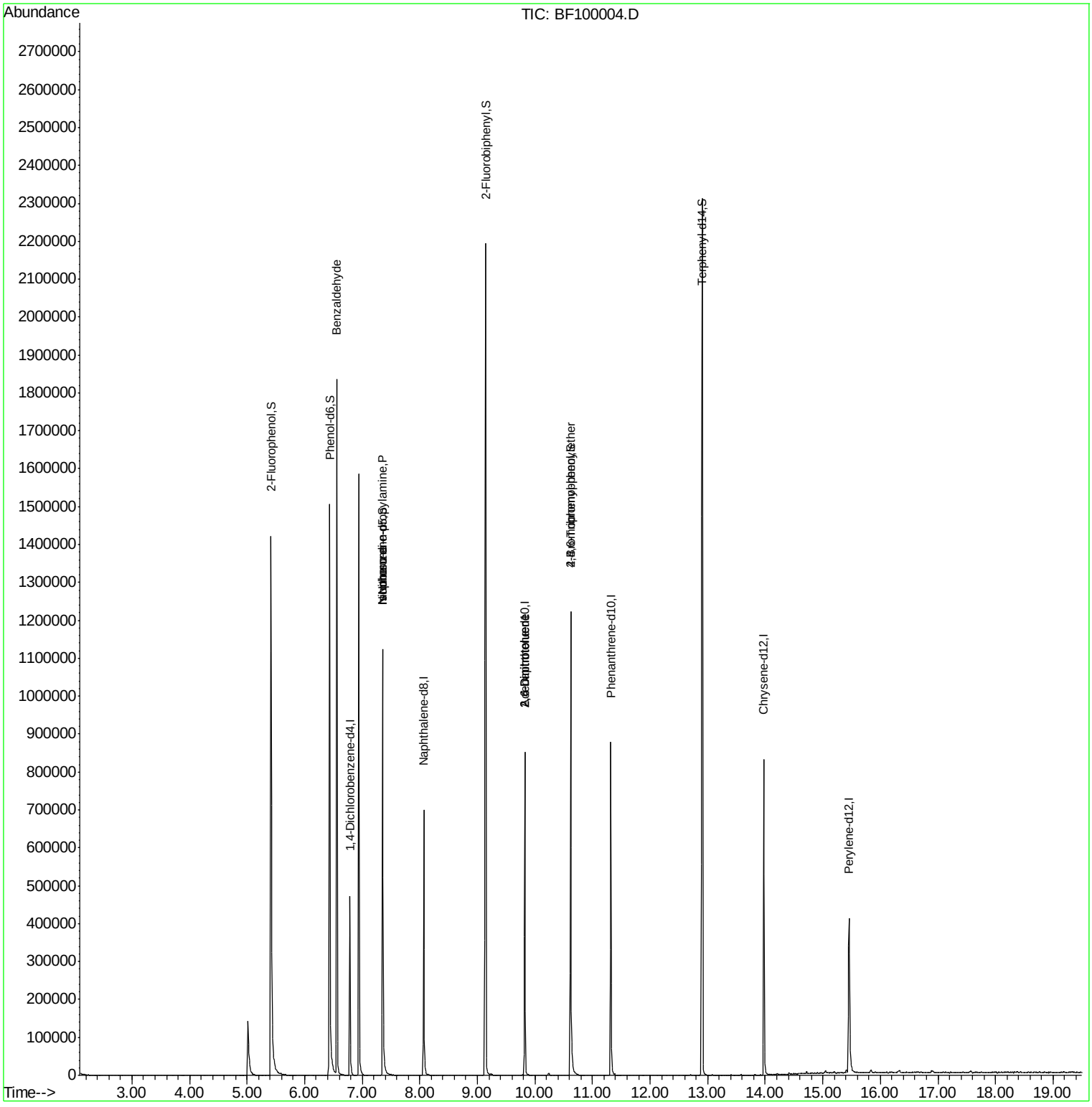
(#) = qualifier out of range (m) = manual integration (+) = signals summed

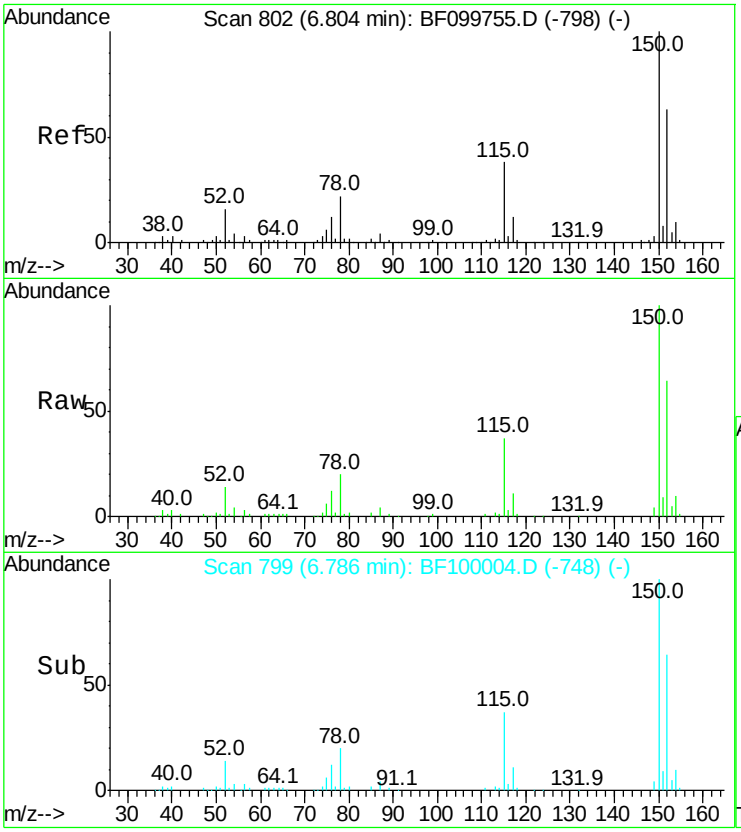
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100004.D
Acq On : 31 Oct 2017 15:50
Operator : SJ/JU
Sample : PB103743BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 04:17:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration



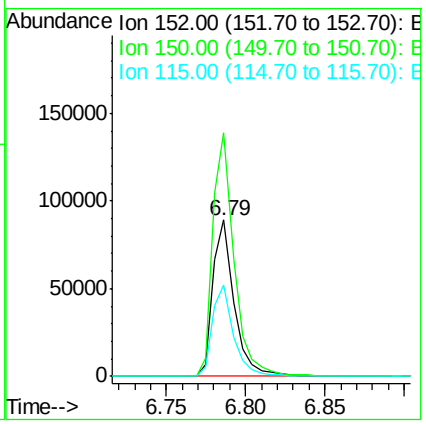


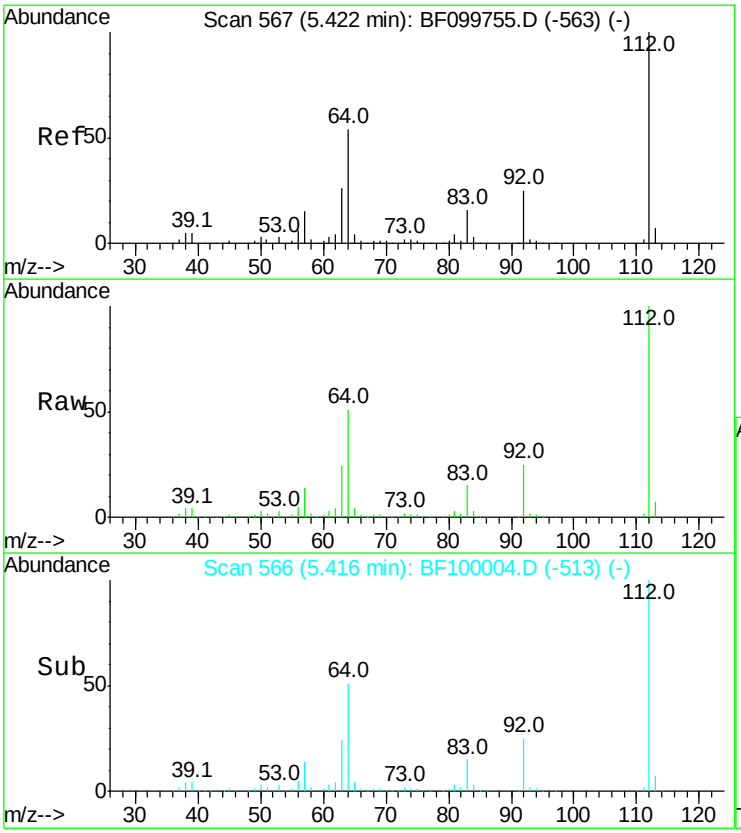
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83212

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	58.2	50.1	75.1

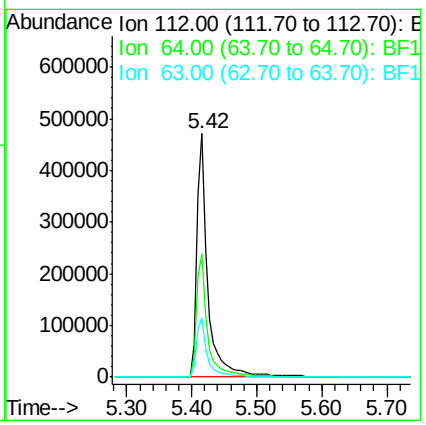


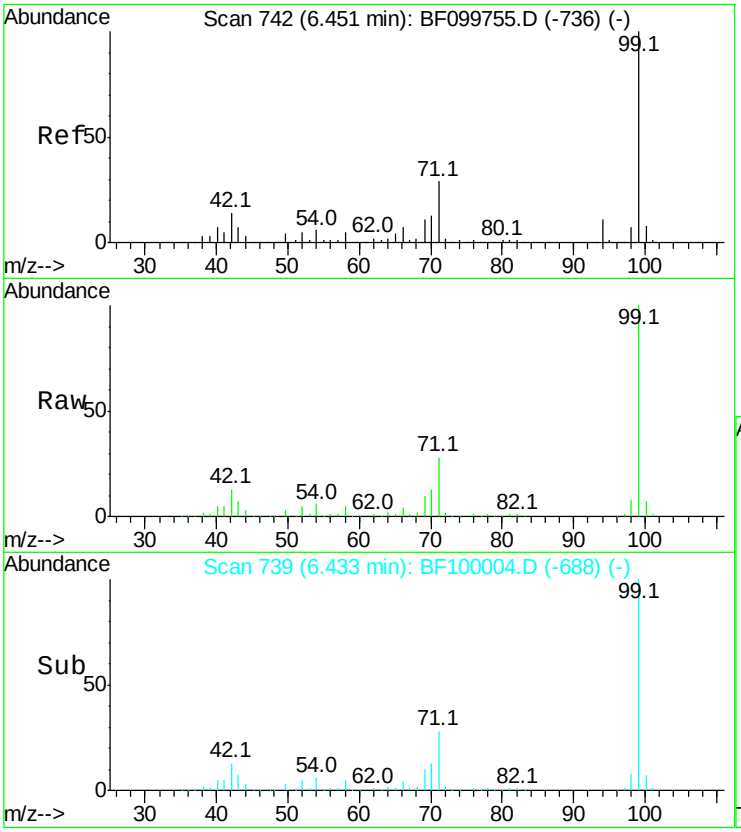


#5
2-Fluorophenol
Concen: 104.815 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:112 Resp: 555545

Ion	Ratio	Lower	Upper
112	100		
64	50.8	47.9	71.9
63	24.1	23.7	35.5



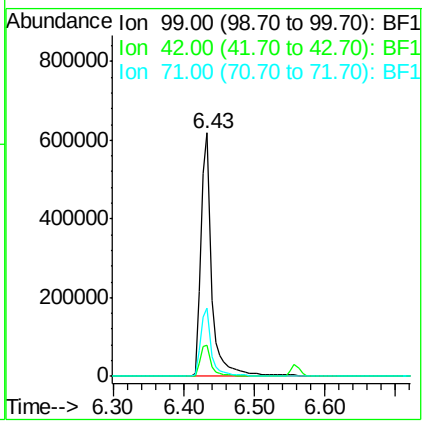


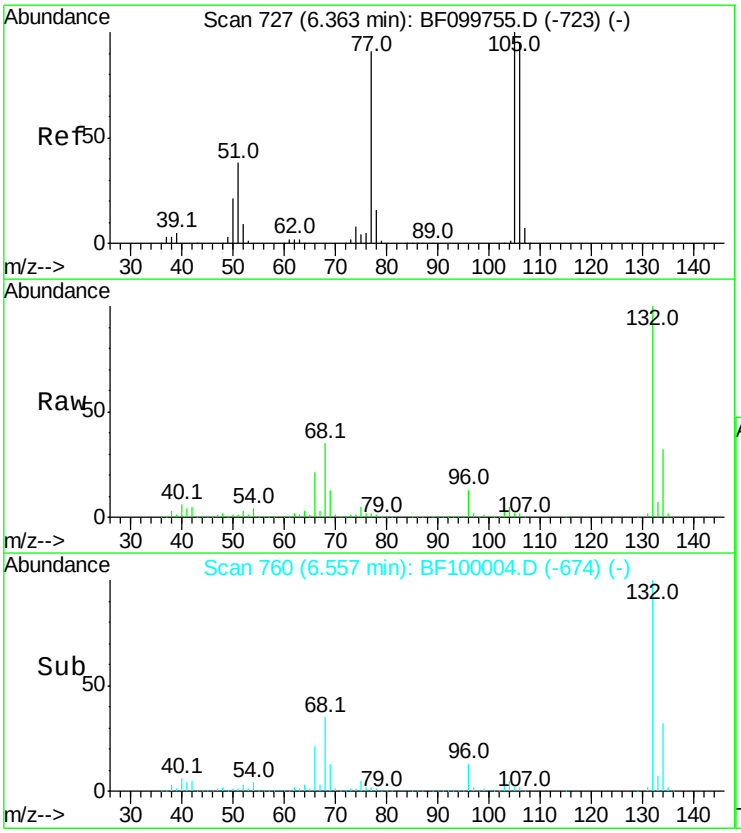
#7
Phenol-d6
Concen: 105.742 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 664547

Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.5	21.7#
71	28.2	25.4	38.0

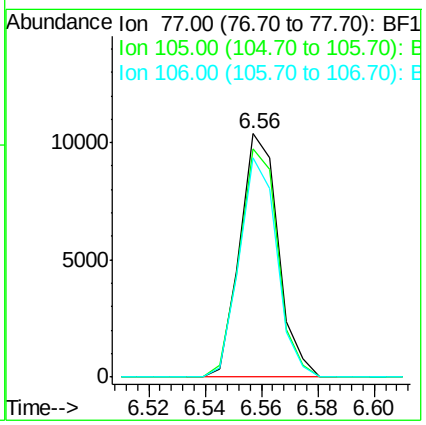


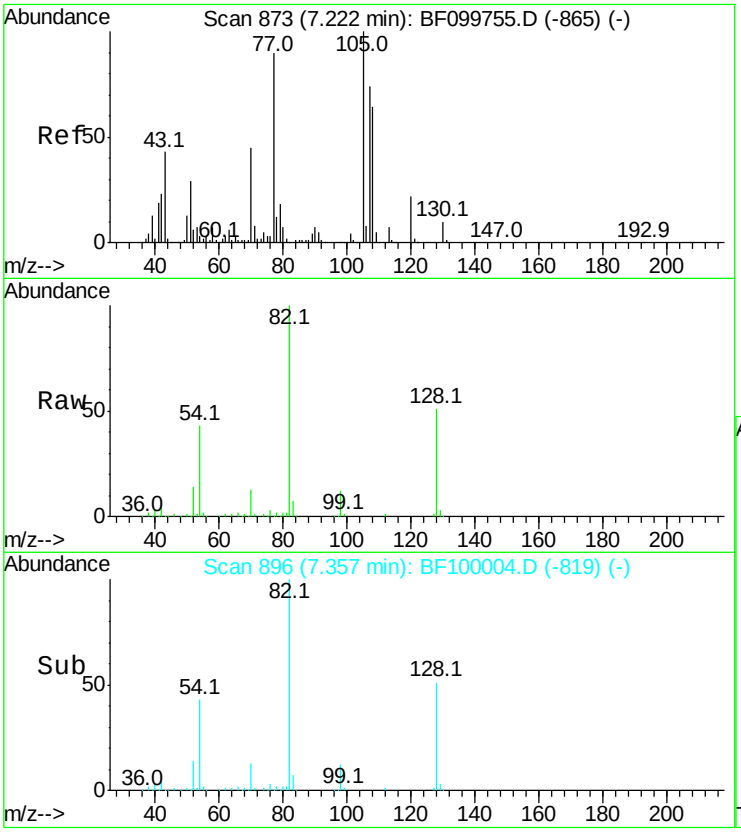


#9
Benzaldehyde
Concen: 2.602 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.21 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion: 77 Resp: 9771

Ion	Ratio	Lower	Upper
77	100		
105	93.7	81.1	121.1
106	90.0	74.5	114.5



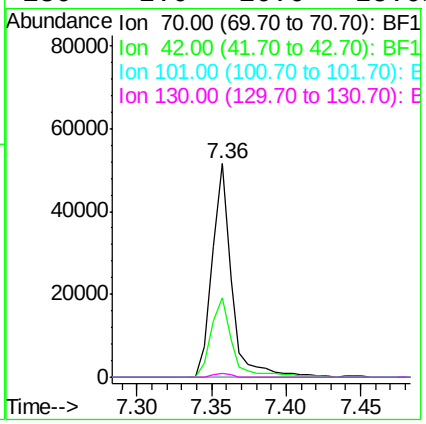


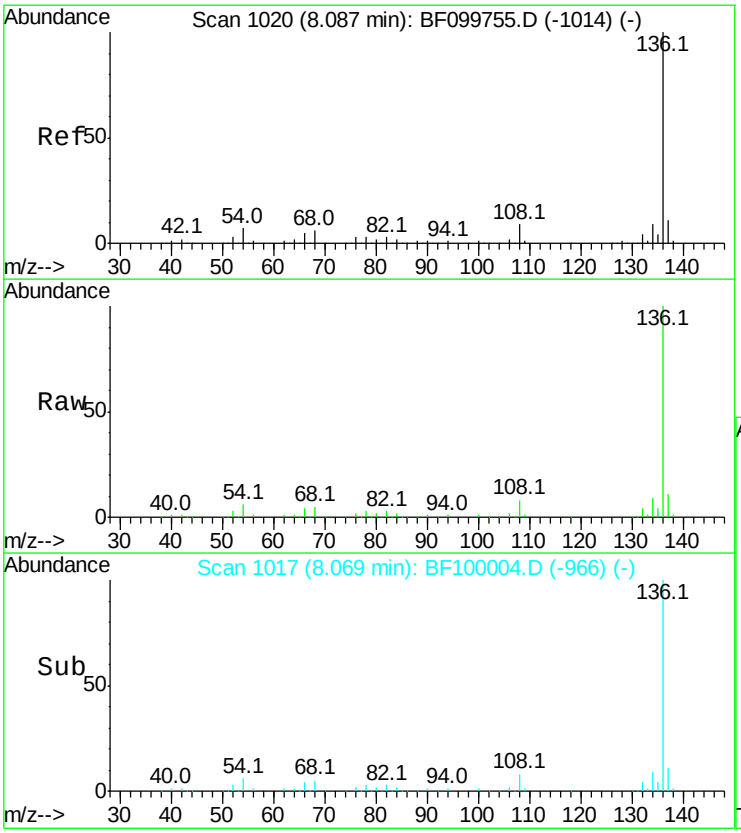
#19
n-Nitroso-di-n-propylamine
Concen: 12.642 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46559

Ion	Ratio	Lower	Upper
70	100		
42	37.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

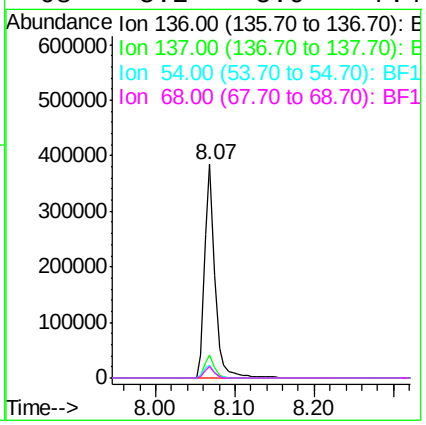


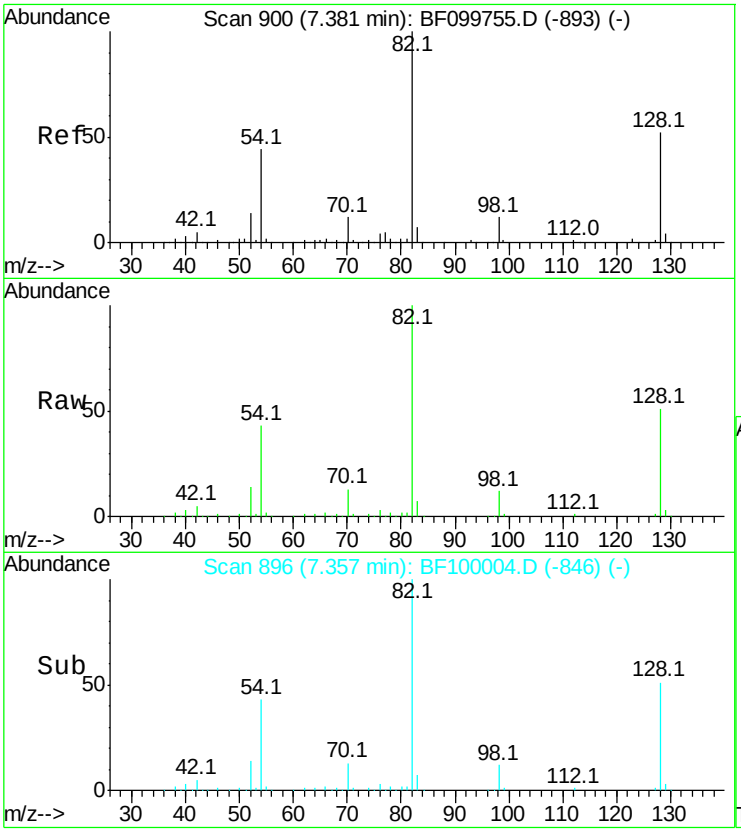


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:136 Resp: 353302

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8#
68	5.2	5.0	7.4



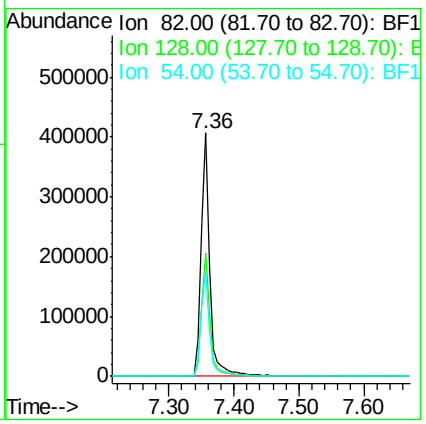


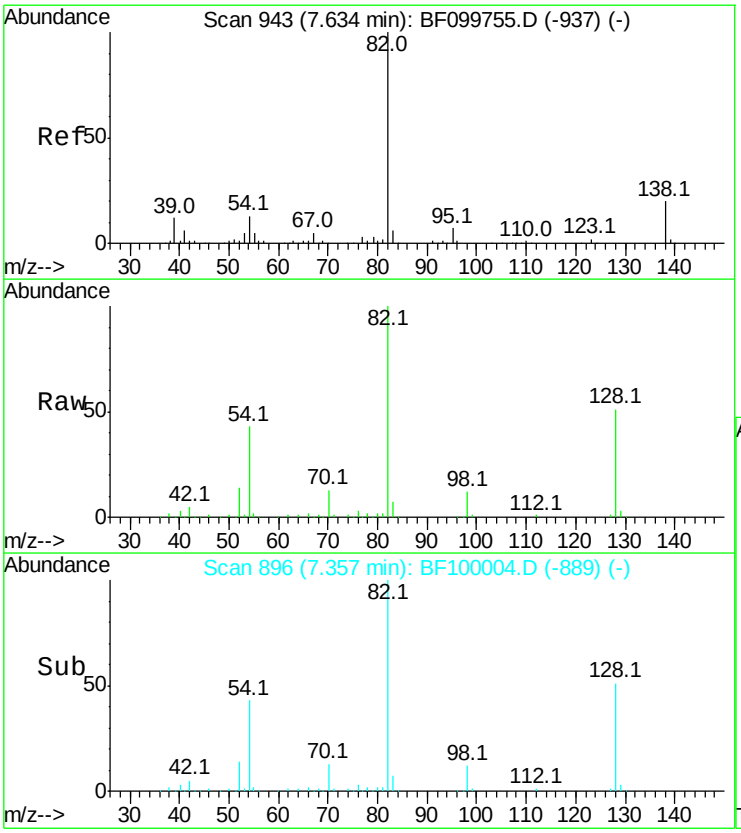
#23
Nitrobenzene-d5
Concen: 68.731 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 377176

Ion	Ratio	Lower	Upper
82	100		
128	50.6	36.1	54.1
54	42.7	41.4	62.2

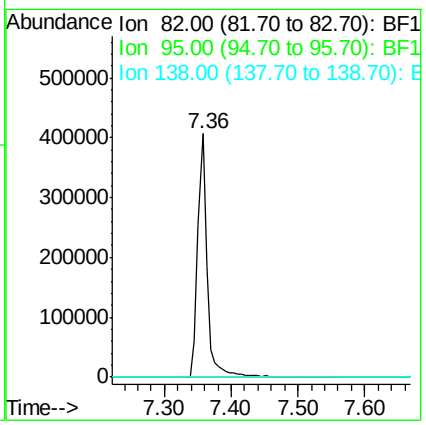


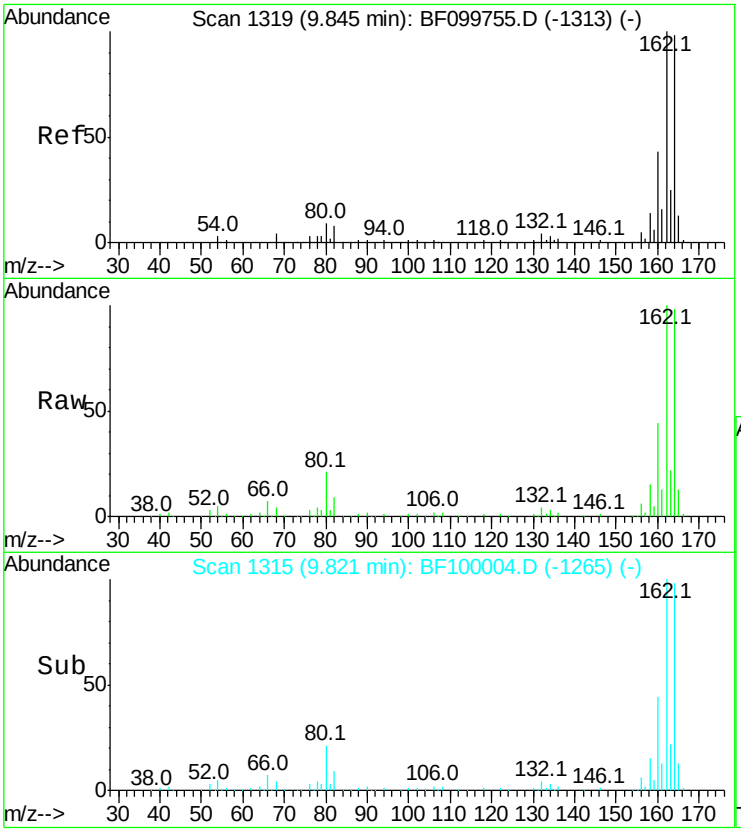


#25
Isophorone
Concen: 37.877 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion: 82 Resp: 377173

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



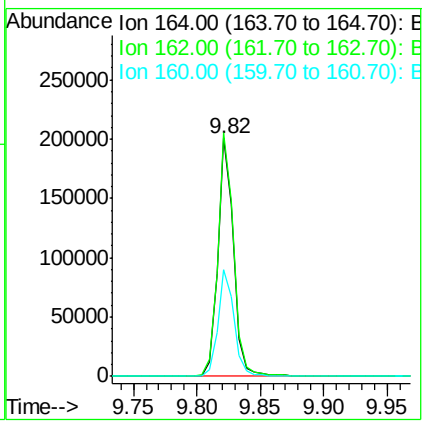


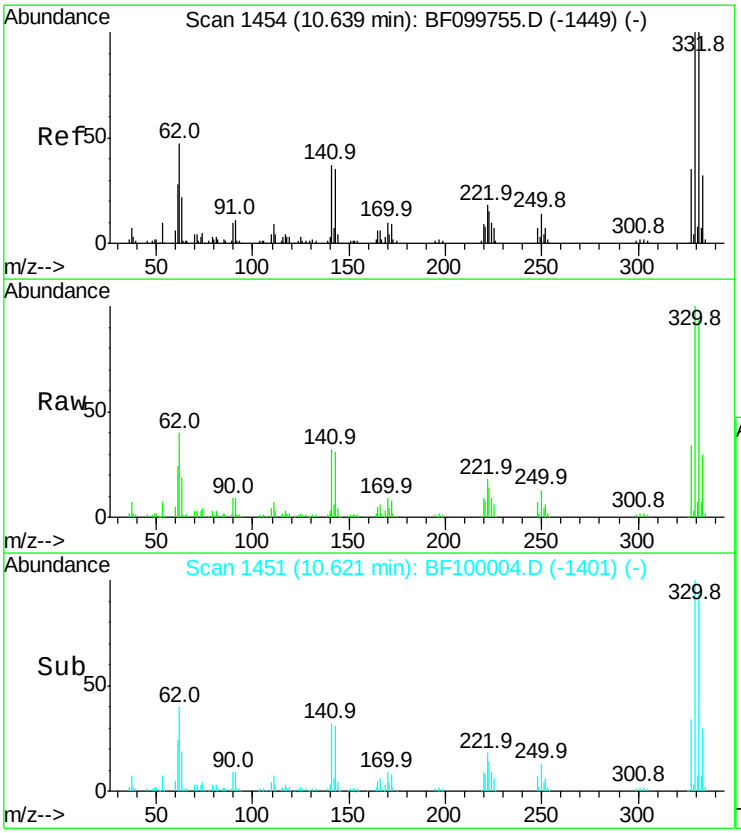
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 175236

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.0	38.3	57.5

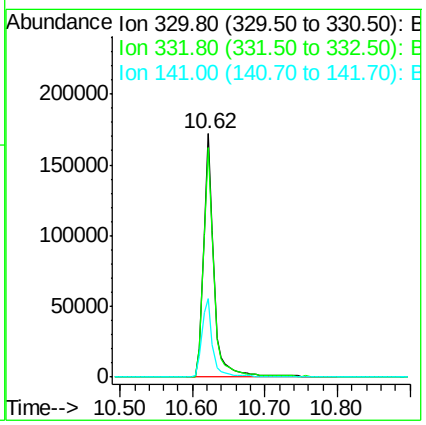


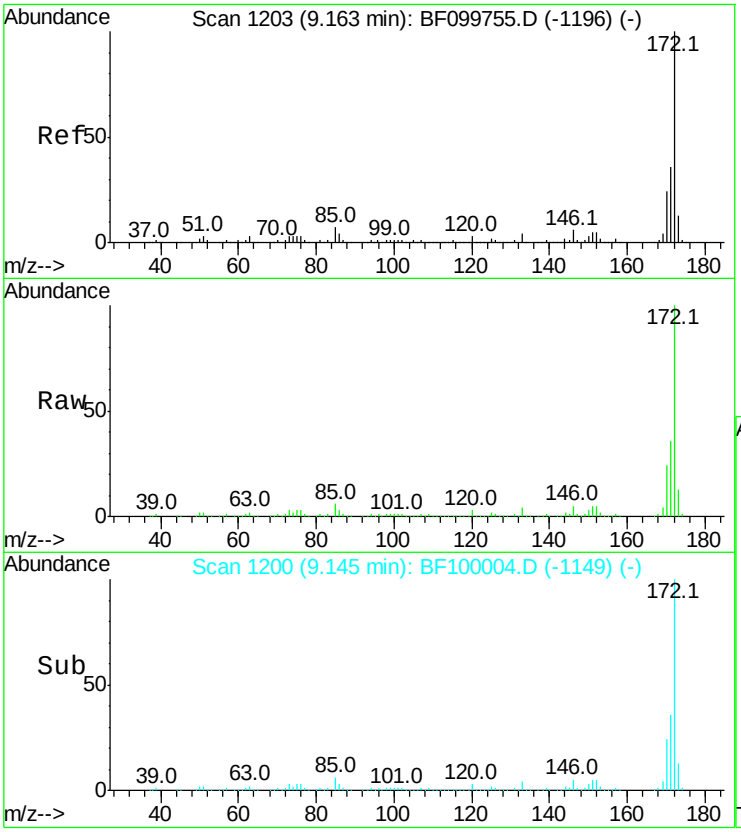


#41
2,4,6-Tribromophenol
Concen: 108.022 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:330 Resp: 172507

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	34.0	29.9	44.9



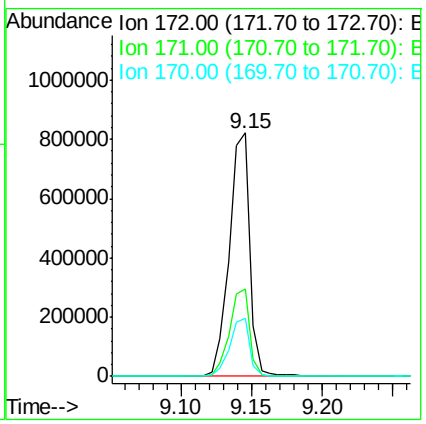


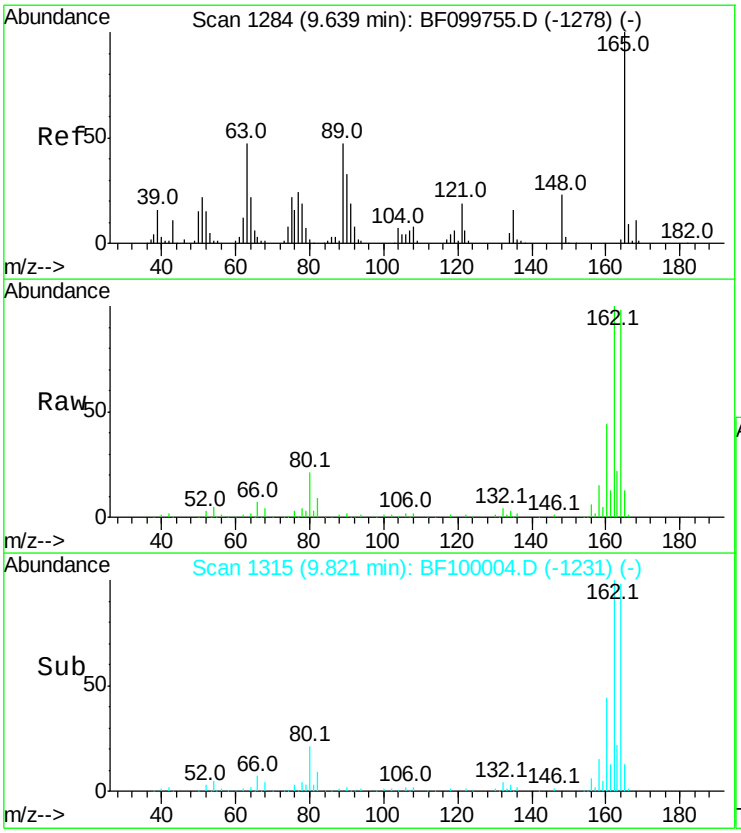
#44
2-Fluorobiphenyl
Concen: 73.124 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 830542

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

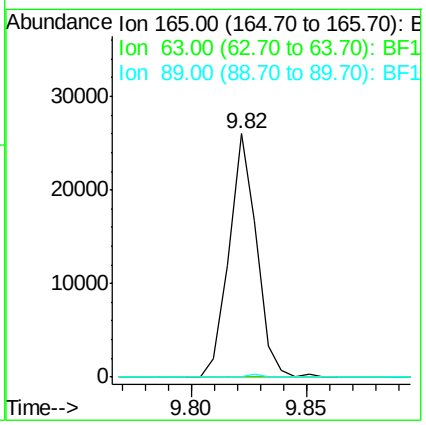


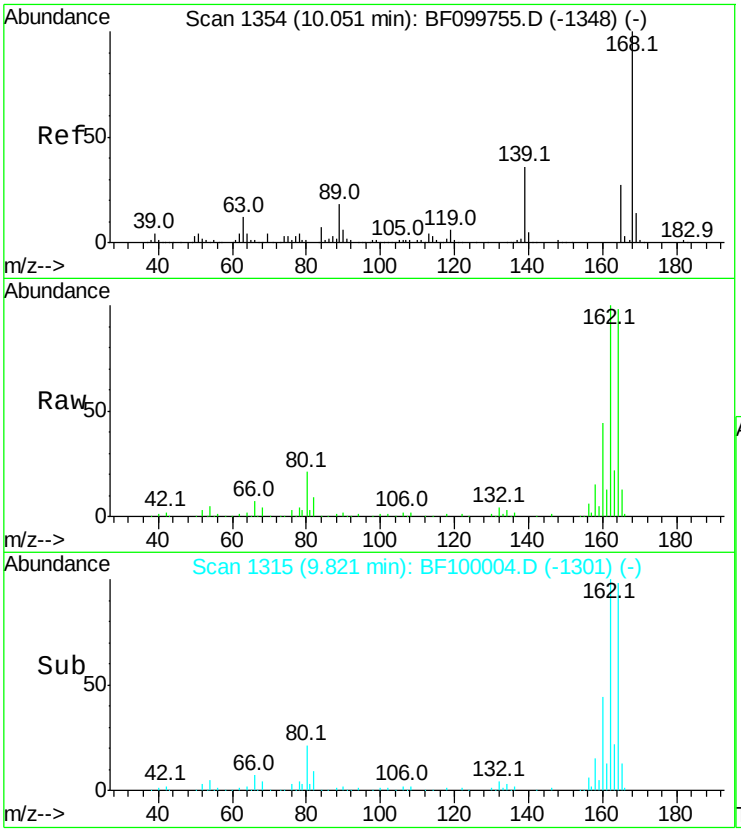


#50
2,6-Dinitrotoluene
Concen: 7.364 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:165 Resp: 21484

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



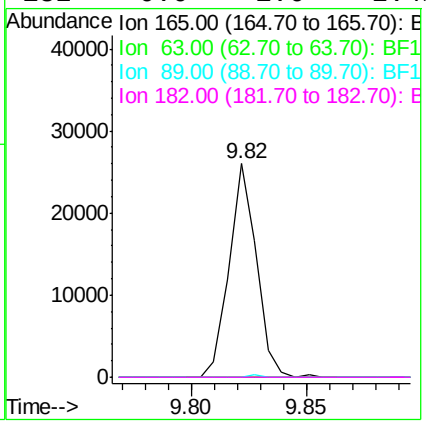


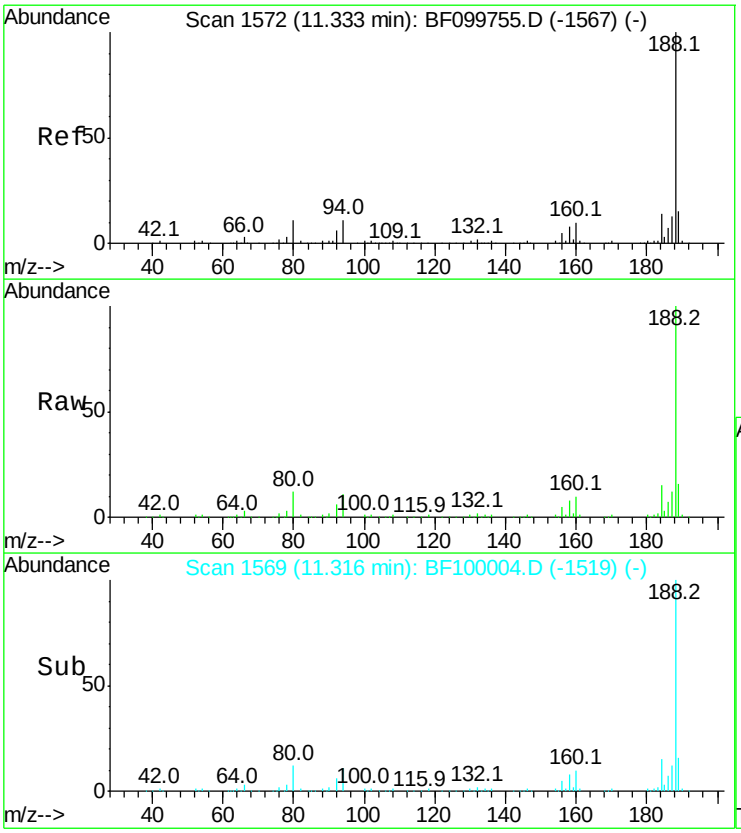
#56
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21484

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

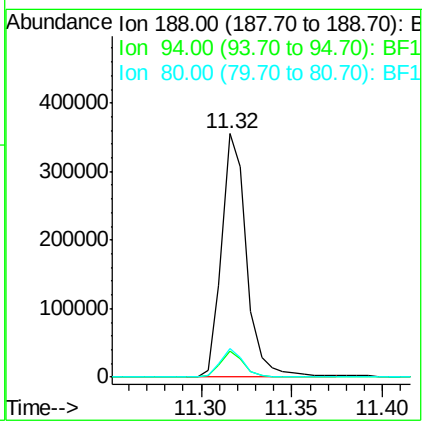


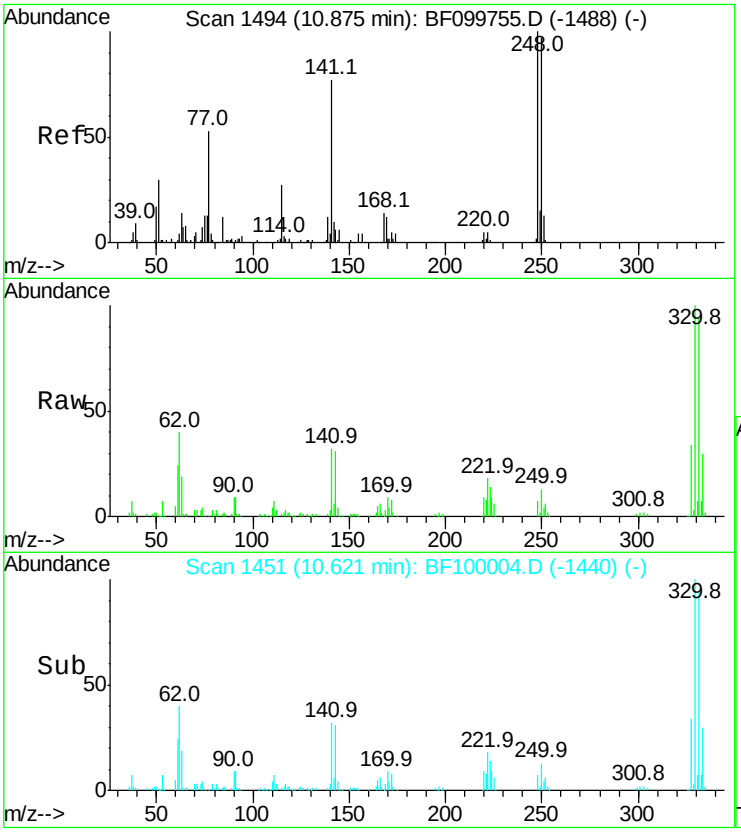


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:188 Resp: 343067

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.6	9.2	13.8



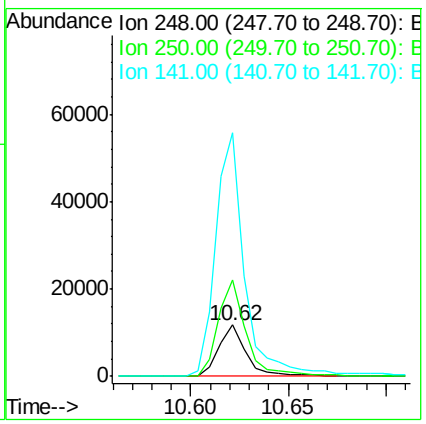


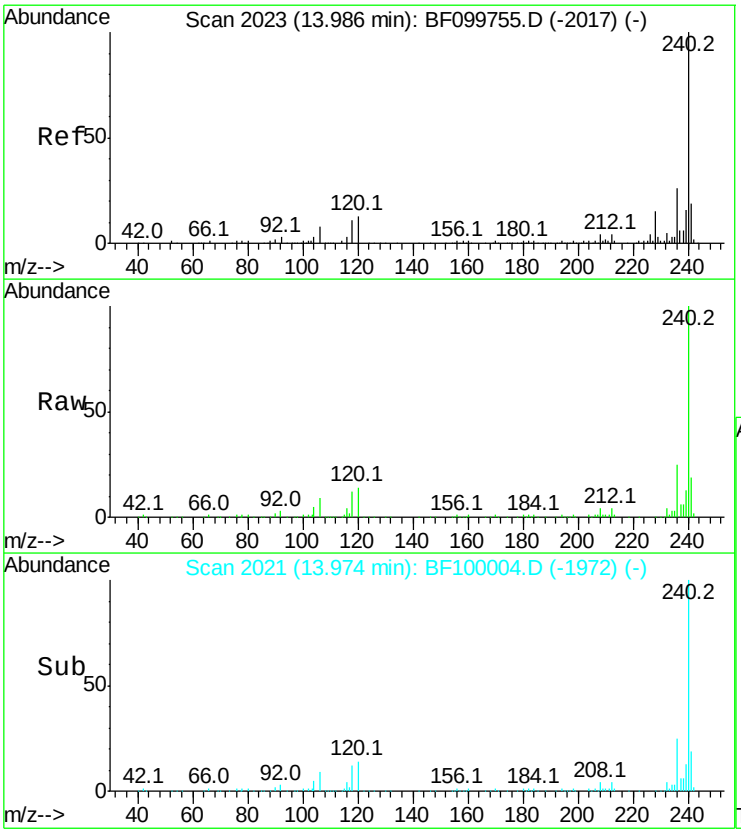
#66
4-Bromophenyl-phenylether
Concen: 3.138 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11333

Ion	Ratio	Lower	Upper
248	100		
250	186.9	76.9	115.3#
141	473.4	74.4	111.6#

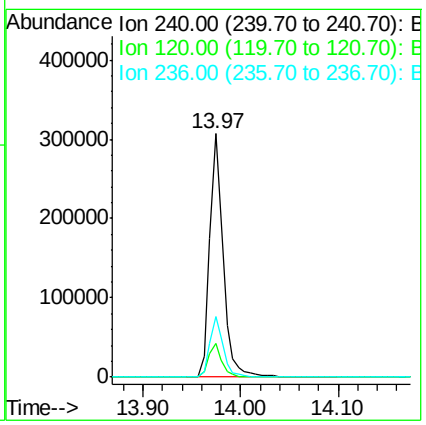


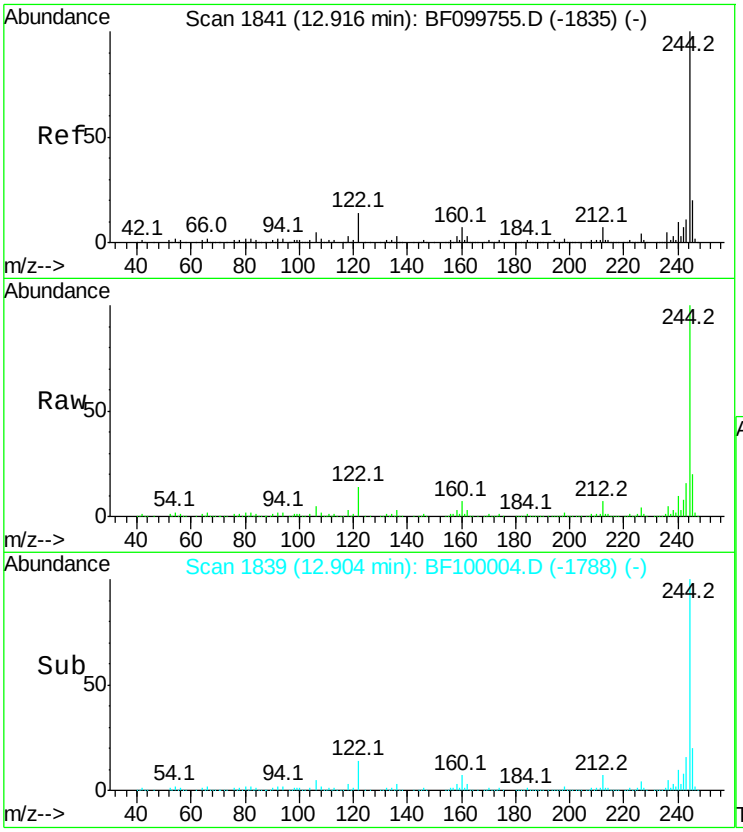


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:240 Resp: 295417

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.0	20.7	31.1



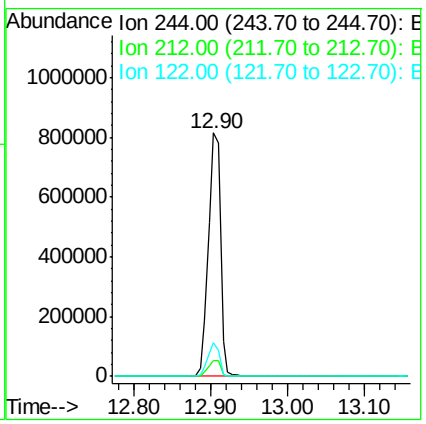


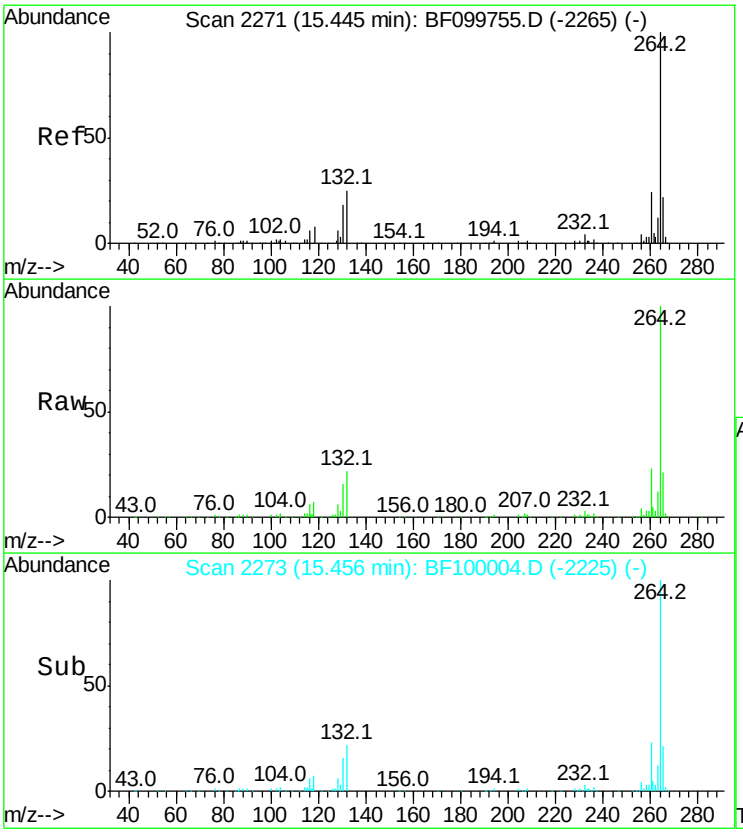
#78
Terphenyl-d14
Concen: 64.914 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 877504

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:264 Resp: 226119

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	17.5	26.3