Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099516.D
Acq On : 15 Oct 2017 16:23
Operator : SJ/JU
Sample : I5752-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 16 01:06:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97482	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	396716	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	163604	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	243375	20.00	ng		0.00
75) Chrysene-d12	14.01	240	185441	20.00	ng		0.00
86) Perylene-d12	15.48	264	179330	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	546227	89.20	ng		0.00
7) Phenol-d6	6.48	99	639807	84.70	ng		0.00
23) Nitrobenzene-d5	7.41	82	382462	61.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	104094	77.76	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	613424	62.59	ng		-0.01
78) Terphenyl-d14	12.95	244	373292	45.78	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	10532	2.40	ng		90
10) Phenol	6.49	94	38875	4.60	ng		96
19) n-Nitroso-di-n-propylamine	7.41	70	48463	10.05	ng	#	72
25) Isophorone	7.41	82	382462	29.90	ng	#	64
49) Dimethylphthalate	9.59	163	116887	9.47	ng		99
56) 2,4-Dinitrotoluene	9.88	165	20352	5.83	ng	#	22
62) Azobenzene	10.59	77	59003	5.32	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	6833	2.87	ng	#	1

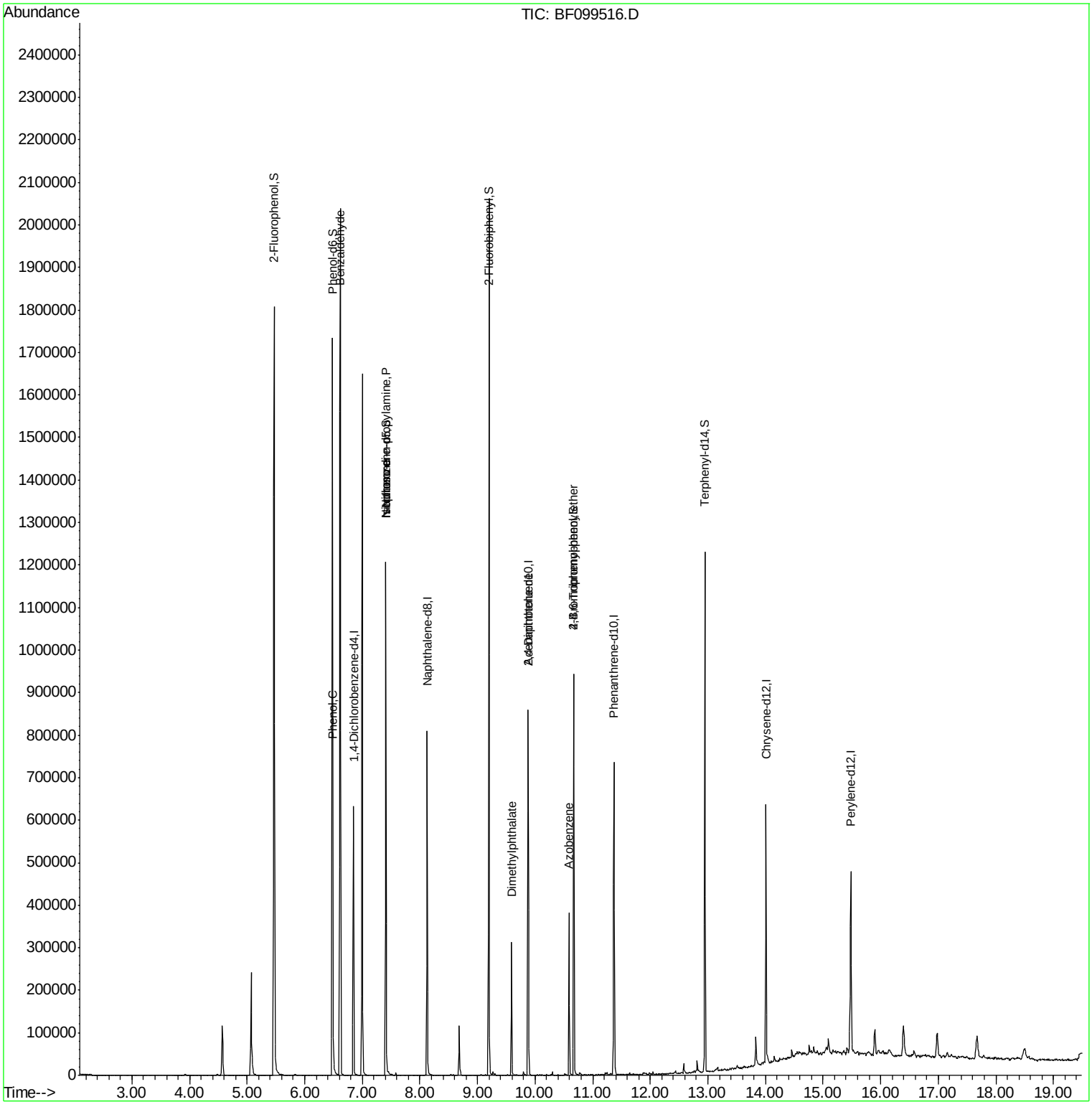
(#) = qualifier out of range (m) = manual integration (+) = signals summed

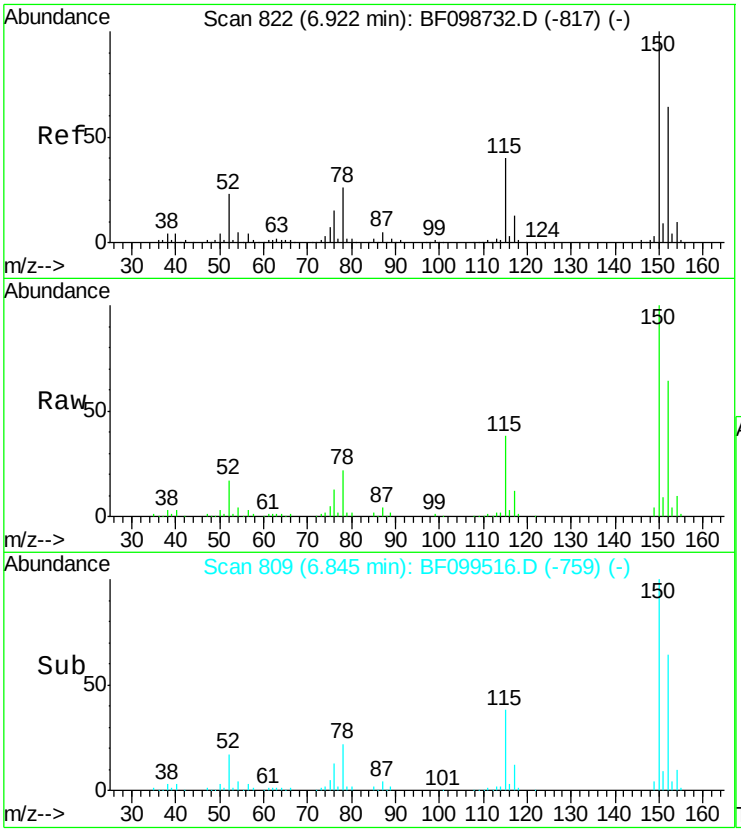
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099516.D
Acq On : 15 Oct 2017 16:23
Operator : SJ/JU
Sample : I5752-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 01:06:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

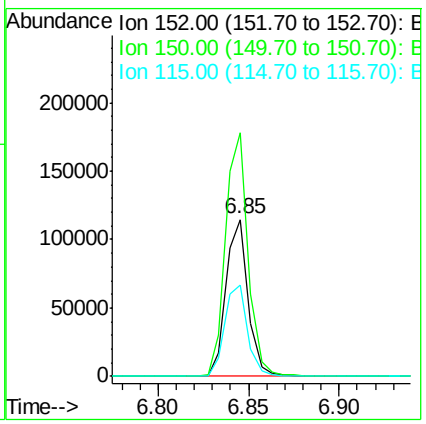




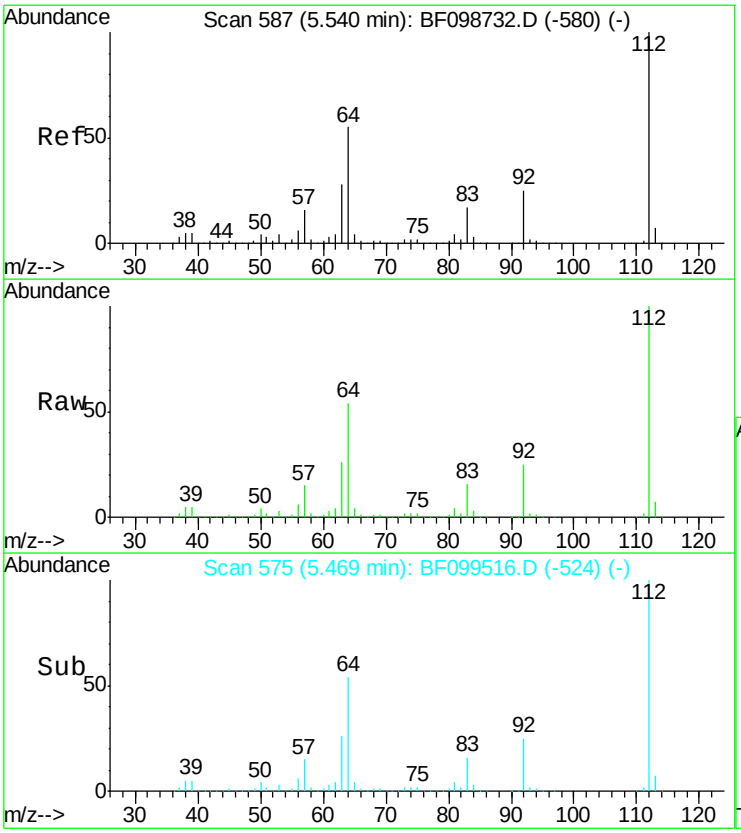
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion:152 Resp: 97482

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.3	50.1	75.1



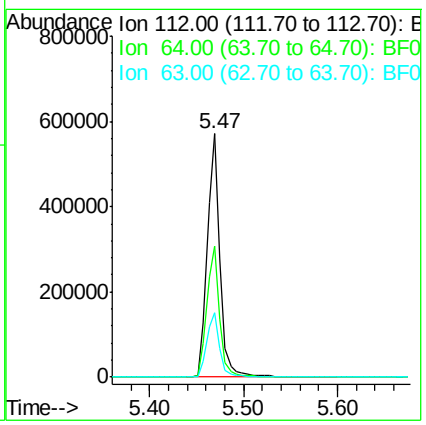
Instrument :
BNA_F
ClientSampleId :

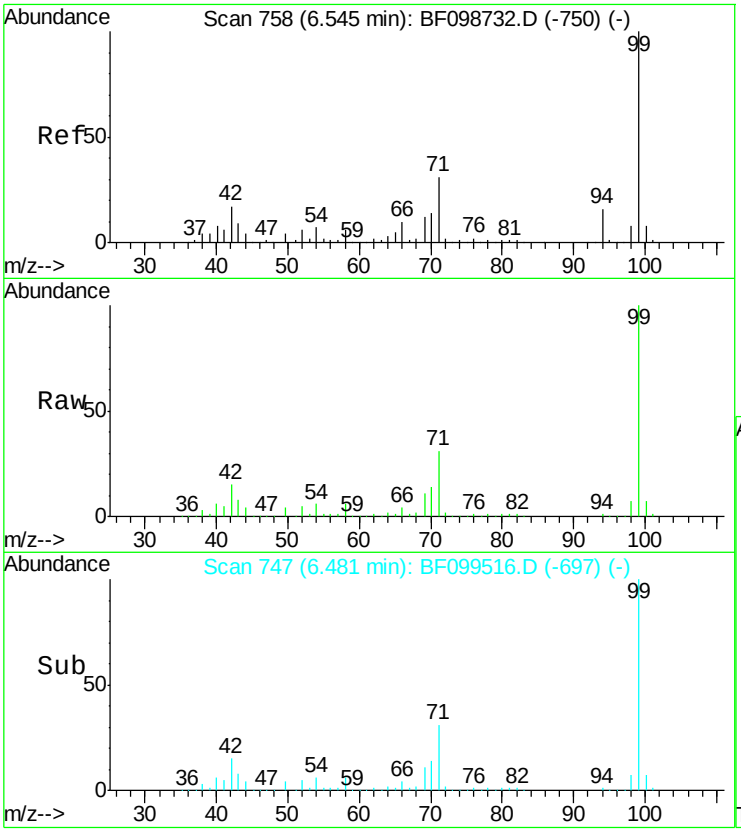


#5
2-Fluorophenol
Concen: 89.20 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion:112 Resp: 546227

Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.3	23.7	35.5



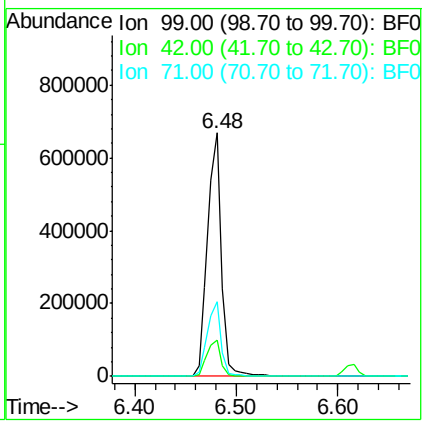


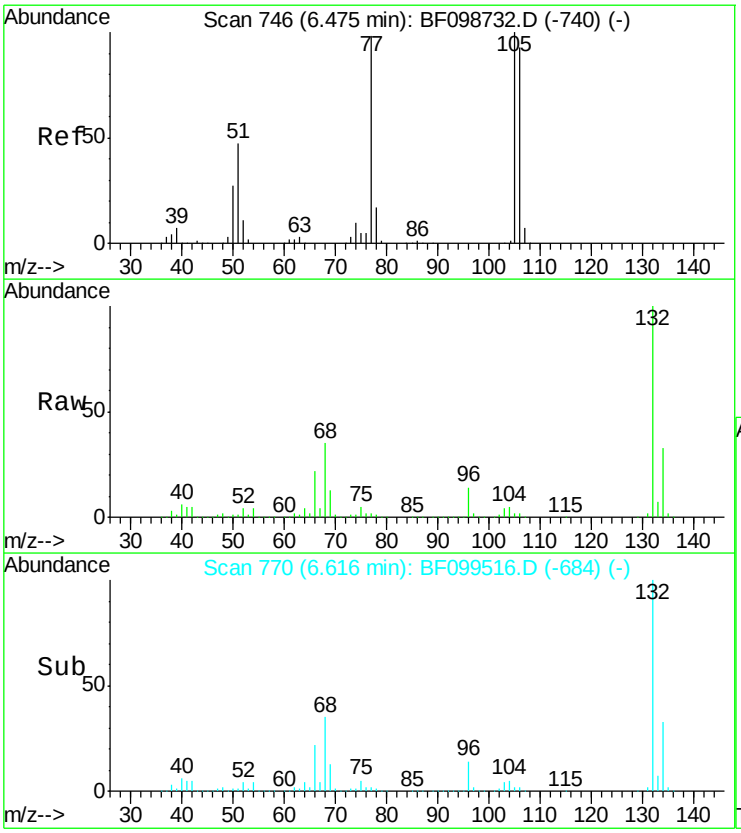
#7
Phenol-d6
Concen: 84.70 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 639807

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	30.6	25.4	38.0

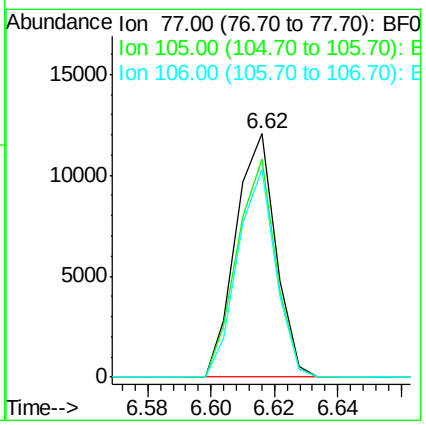


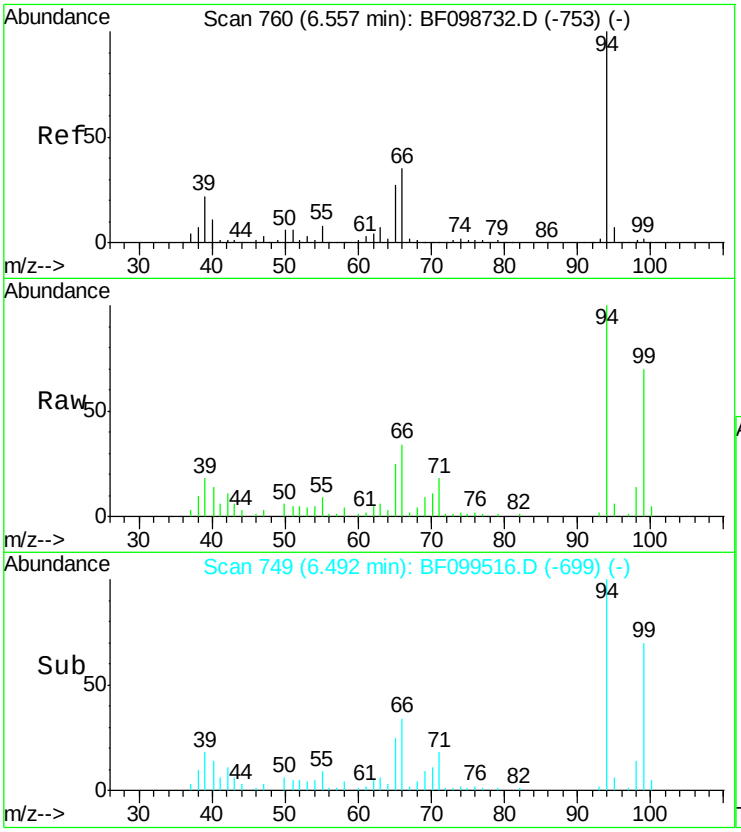


#9
Benzaldehyde
Concen: 2.40 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion: 77 Resp: 10532

Ion	Ratio	Lower	Upper
77	100		
105	89.6	81.1	121.1
106	85.6	74.5	114.5



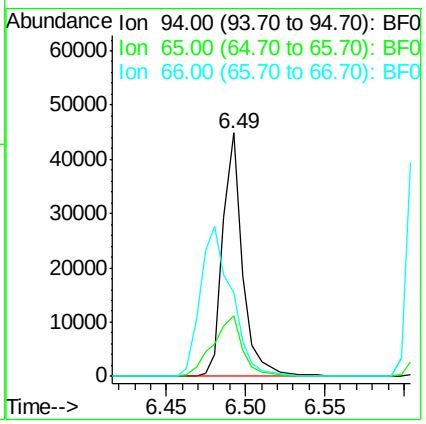


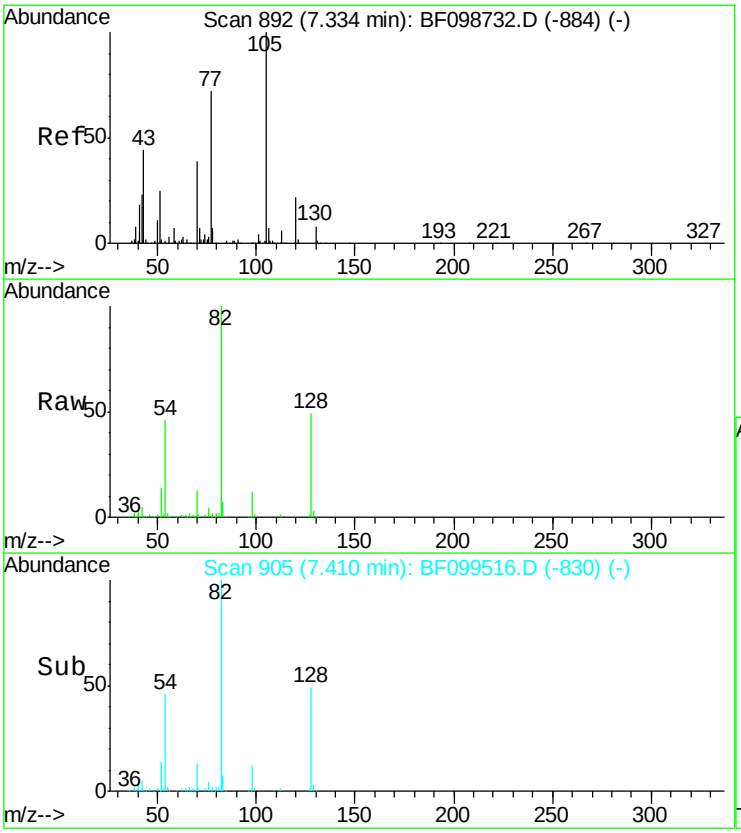
#10
Phenol
Concen: 4.60 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 38875

Ion	Ratio	Lower	Upper
94	100		
65	24.9	7.9	47.9
66	34.3	16.2	56.2

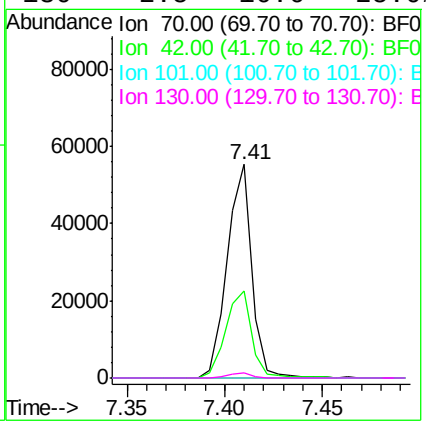


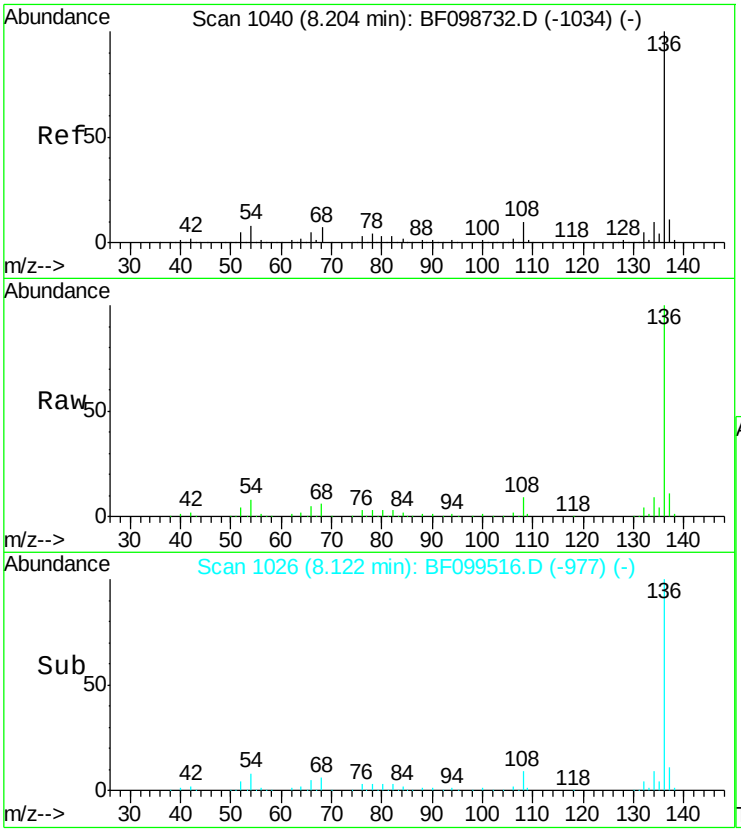


#19
n-Nitroso-di-n-propylamine
Concen: 10.05 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion: 70 Resp: 48463

Ion	Ratio	Lower	Upper
70	100		
42	40.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



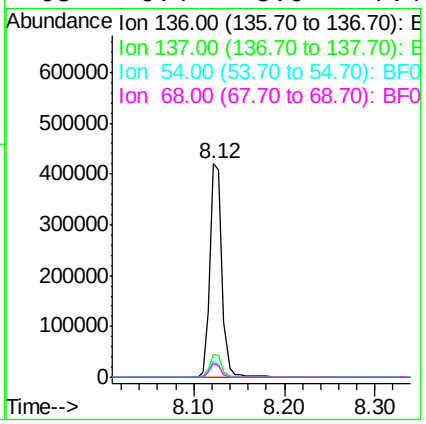


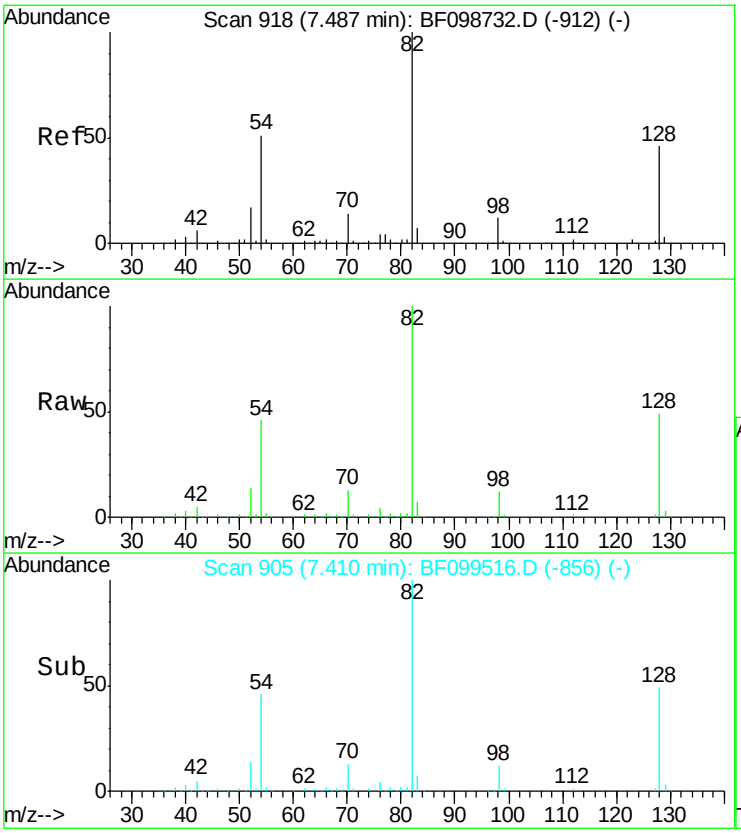
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 396716

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.4	5.0	7.4

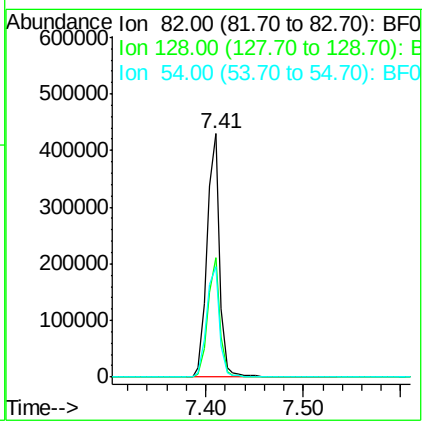


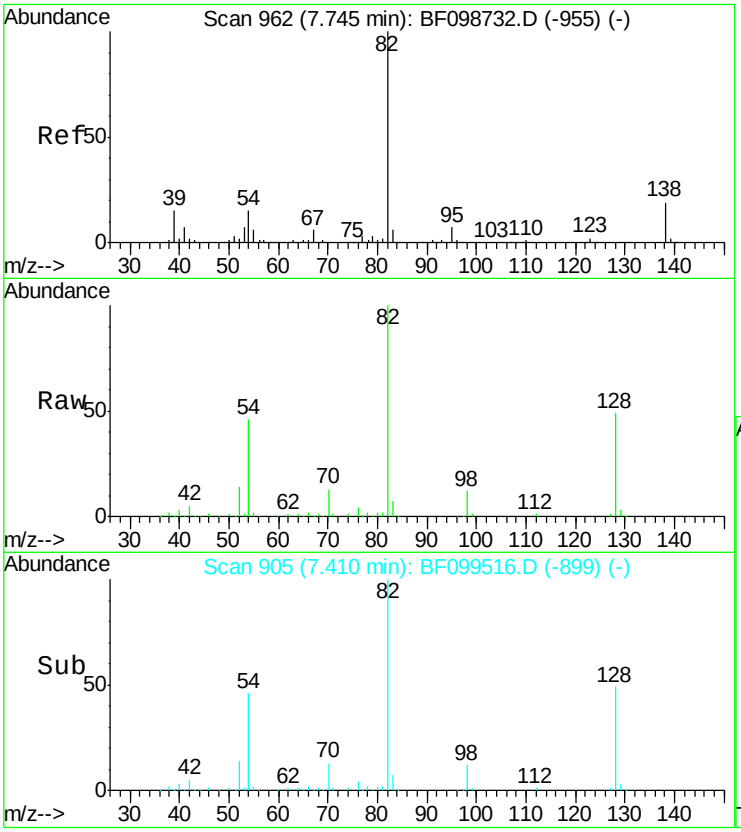


#23
Nitrobenzene-d5
Concen: 61.83 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion: 82 Resp: 382462

Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	45.6	41.4	62.2



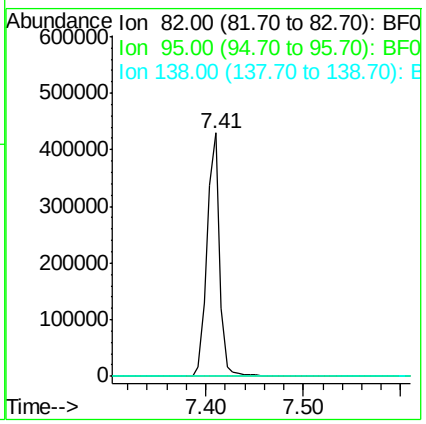


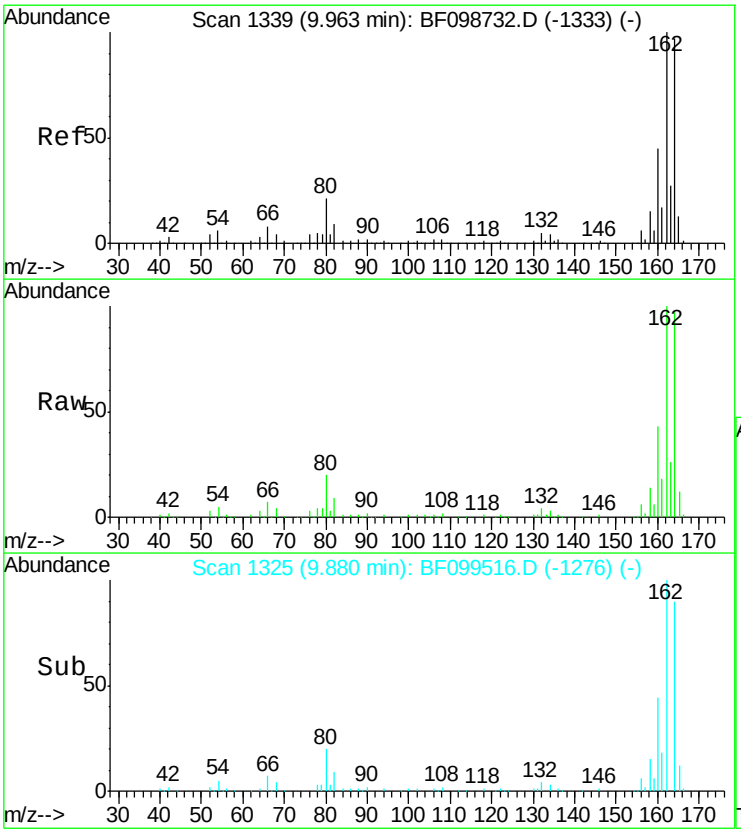
#25
Isophorone
Concen: 29.90 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 382462

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

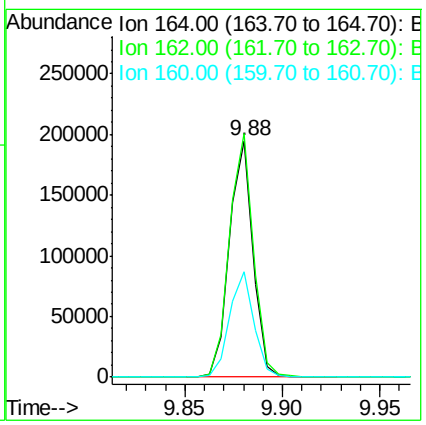


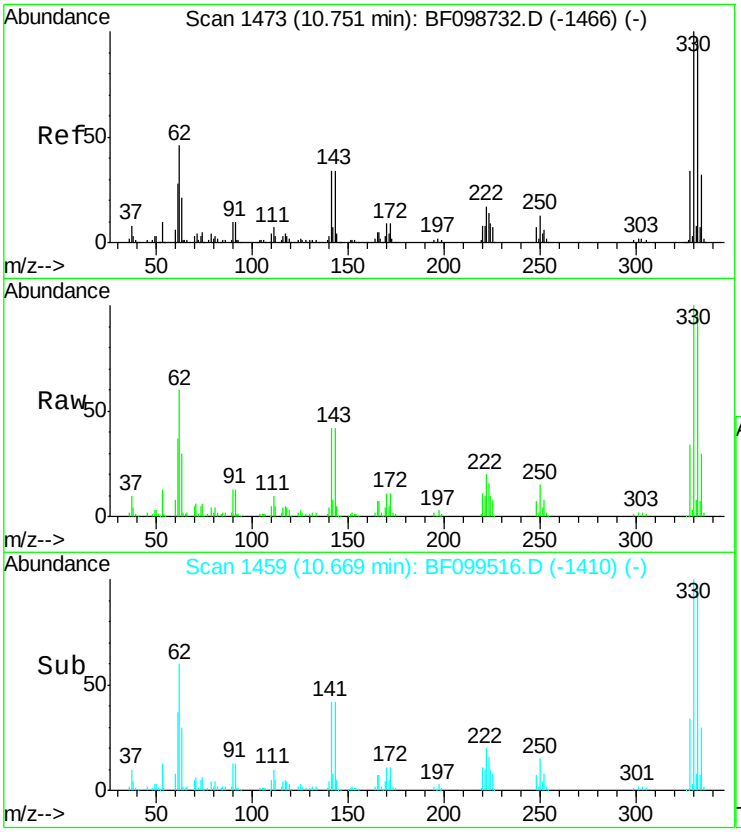


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion:164 Resp: 163604

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	44.7	38.3	57.5



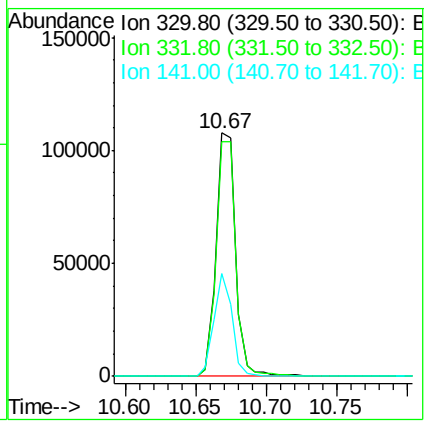


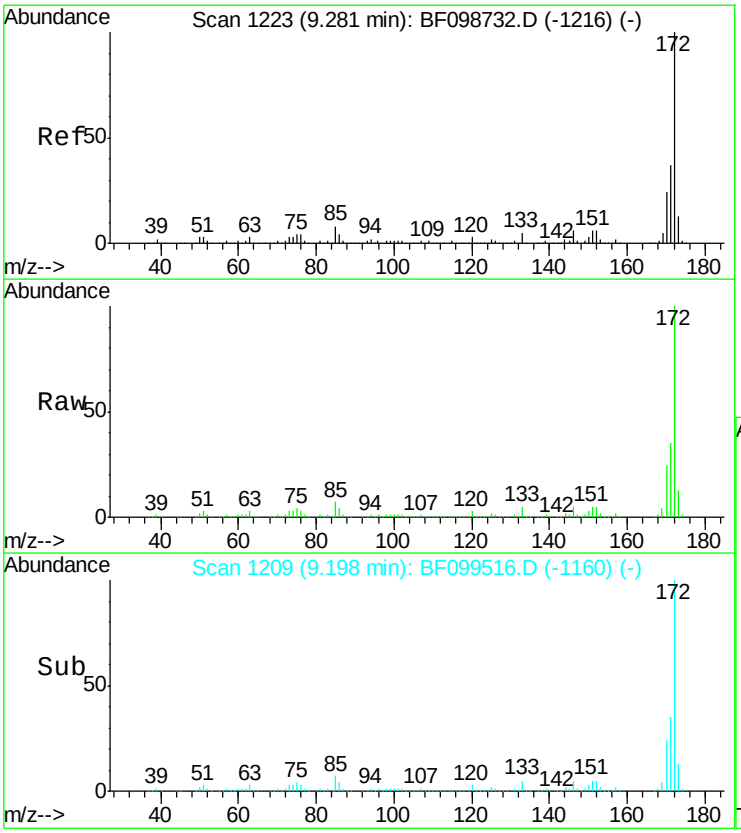
#41
2,4,6-Tribromophenol
Concen: 77.76 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 104094

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	39.5	29.9	44.9

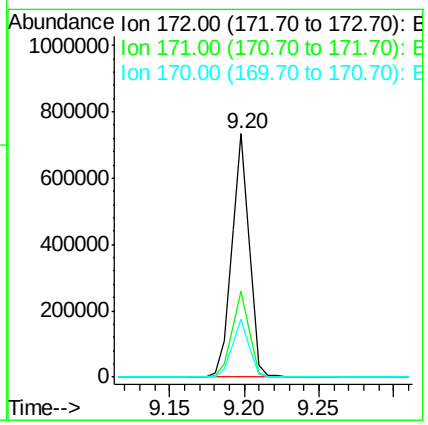


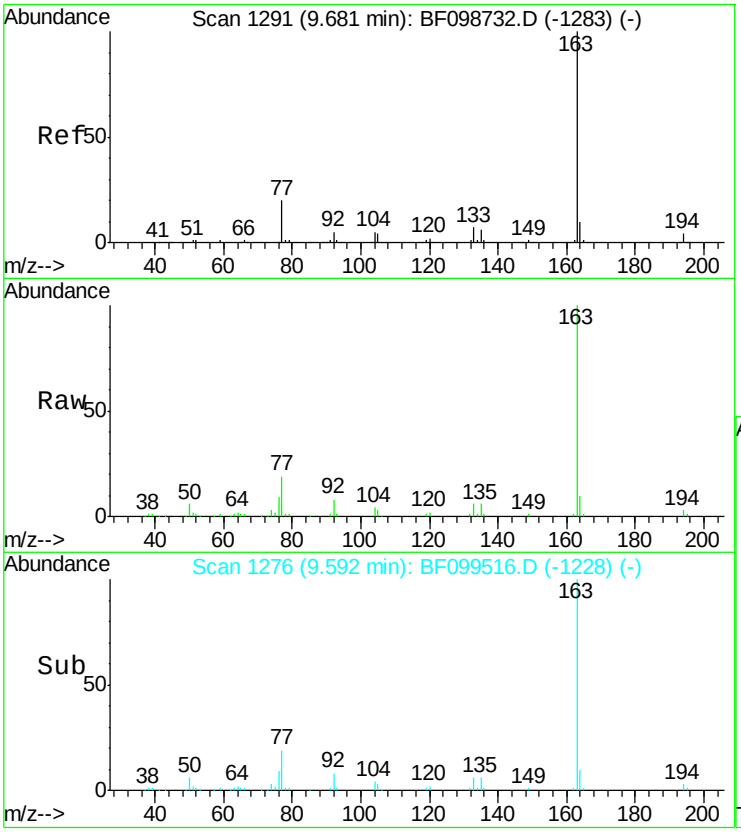


#44
2-Fluorobiphenyl
Concen: 62.59 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion:172 Resp: 613424

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.6	19.6	29.4



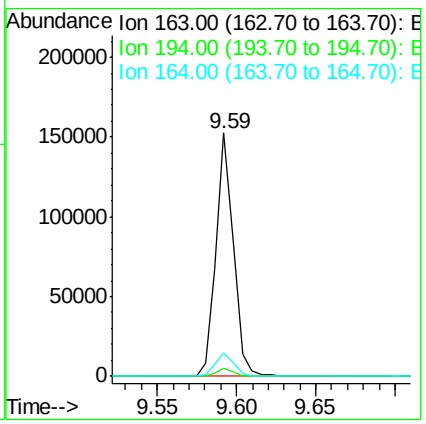


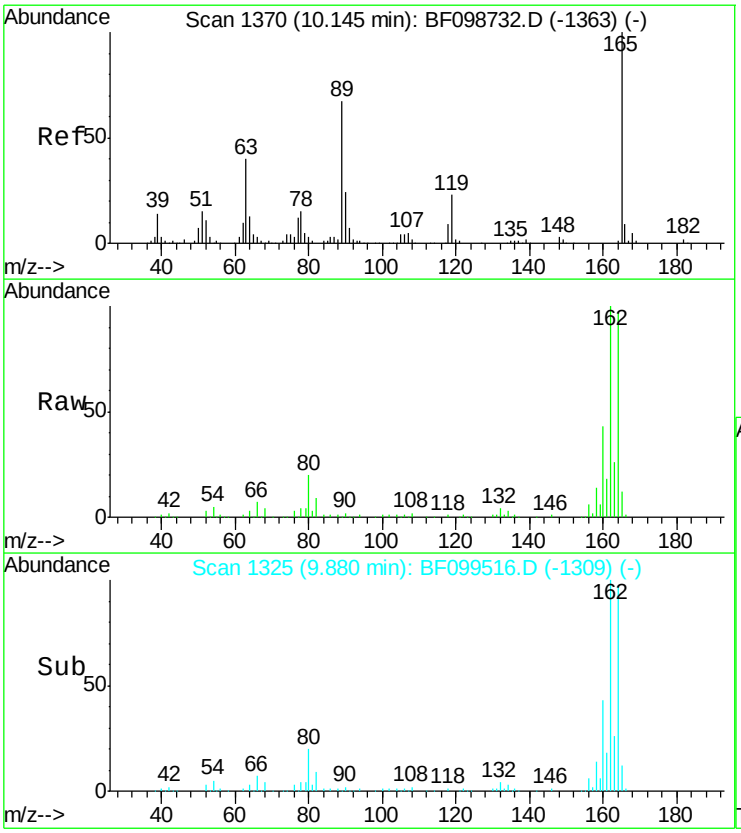
#49
Dimethylphthalate
Concen: 9.47 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 116887

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2

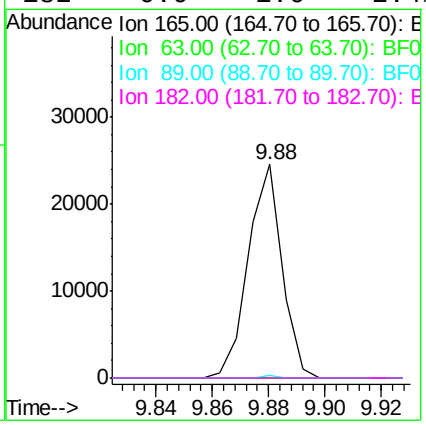


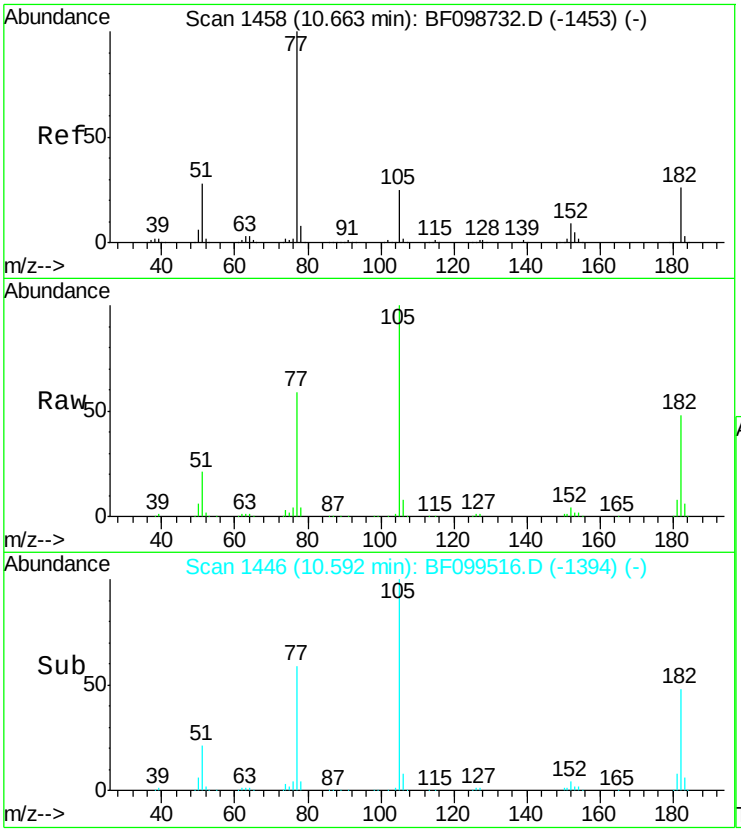


#56
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion:165 Resp: 20352

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



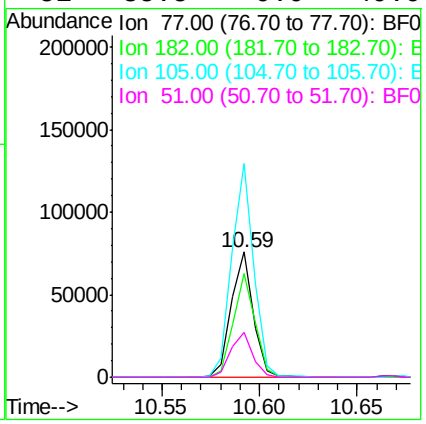


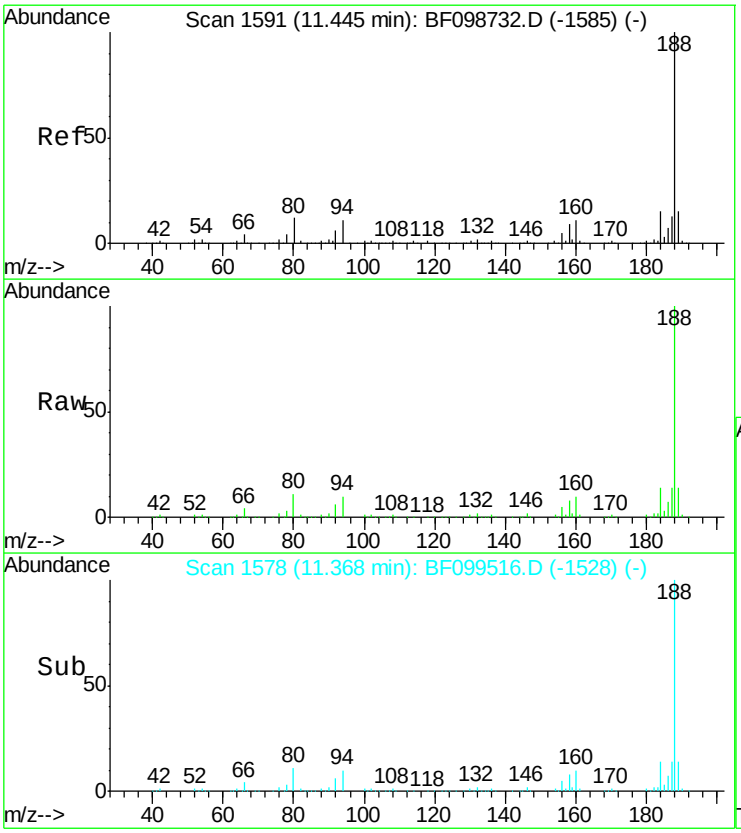
#62
Azobenzene
Concen: 5.32 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 59003

Ion	Ratio	Lower	Upper
77	100		
182	82.7	1.7	41.7#
105	170.6	3.0	43.0#
51	35.5	9.9	49.9

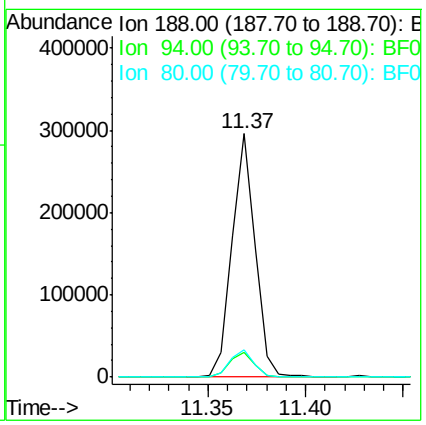


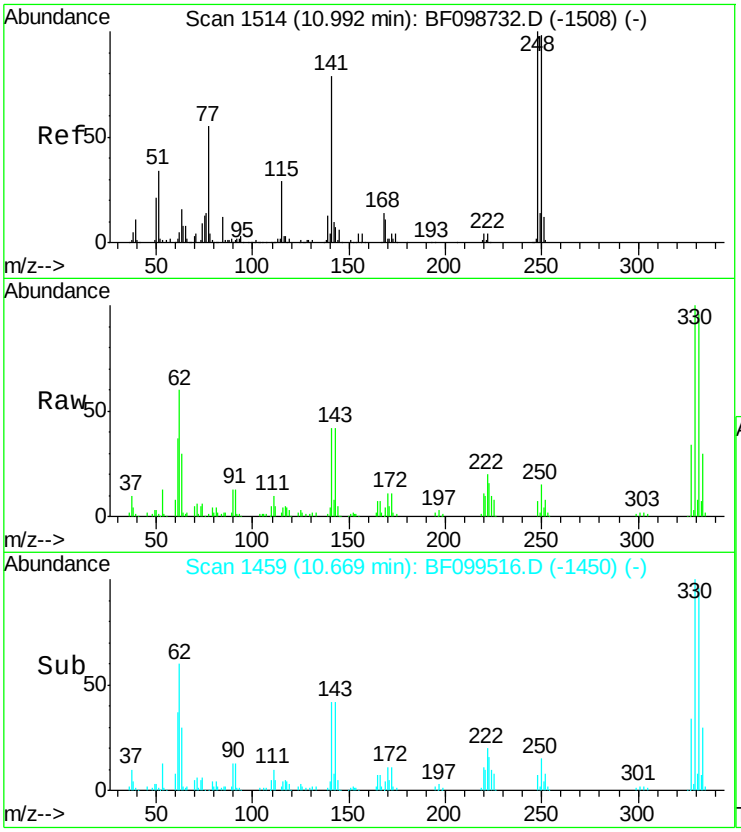


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion:188 Resp: 243375

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.1	9.2	13.8



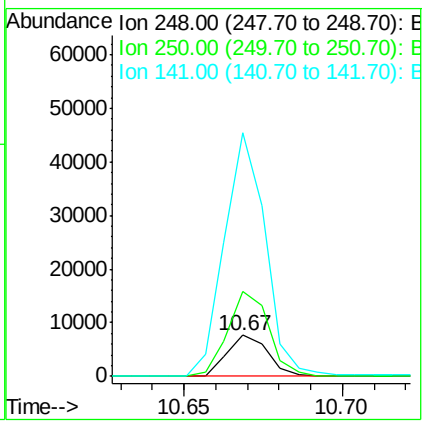


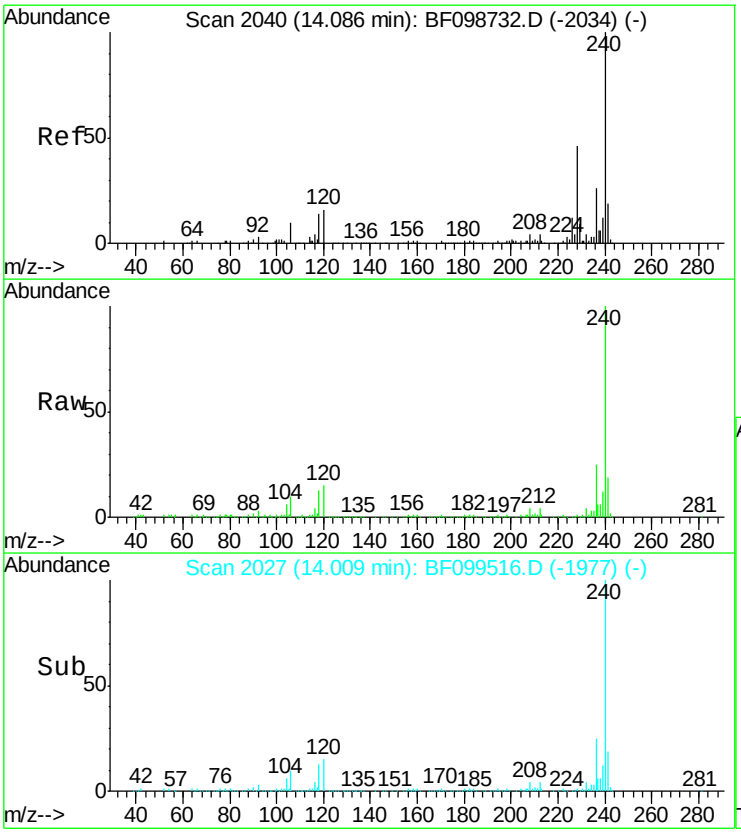
#66
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6833

Ion	Ratio	Lower	Upper
248	100		
250	206.3	76.9	115.3#
141	590.5	74.4	111.6#

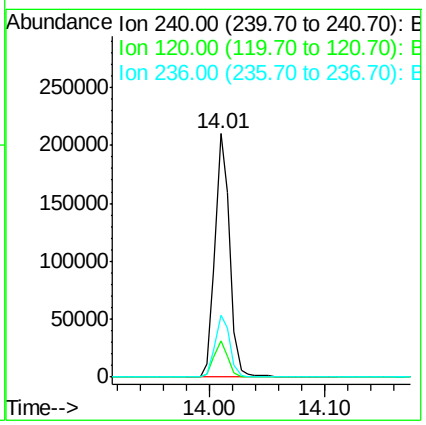


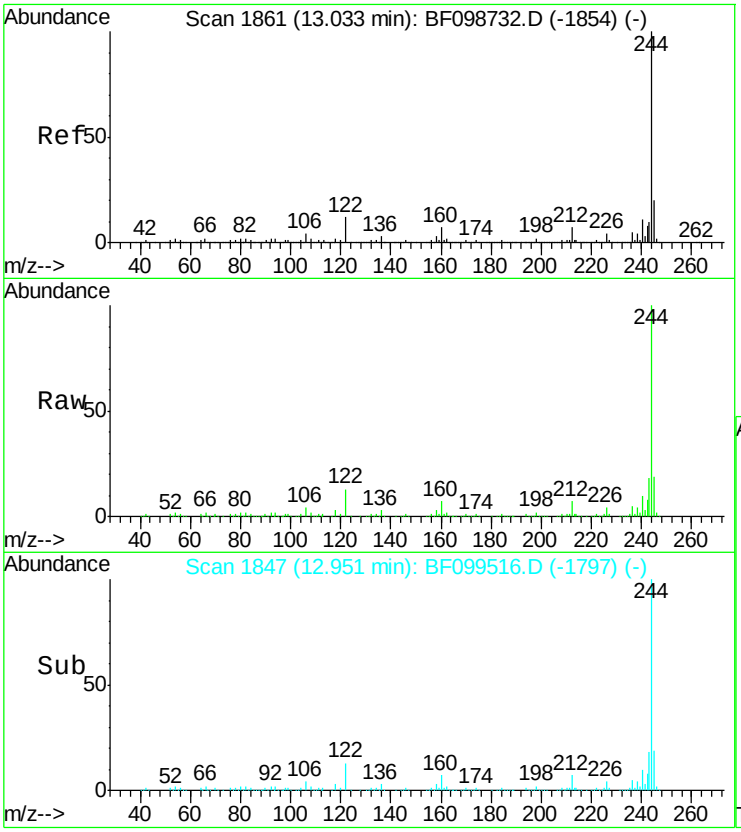


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion:240 Resp: 185441

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.3	20.7	31.1



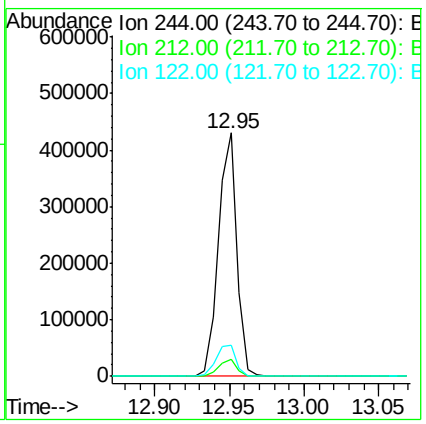


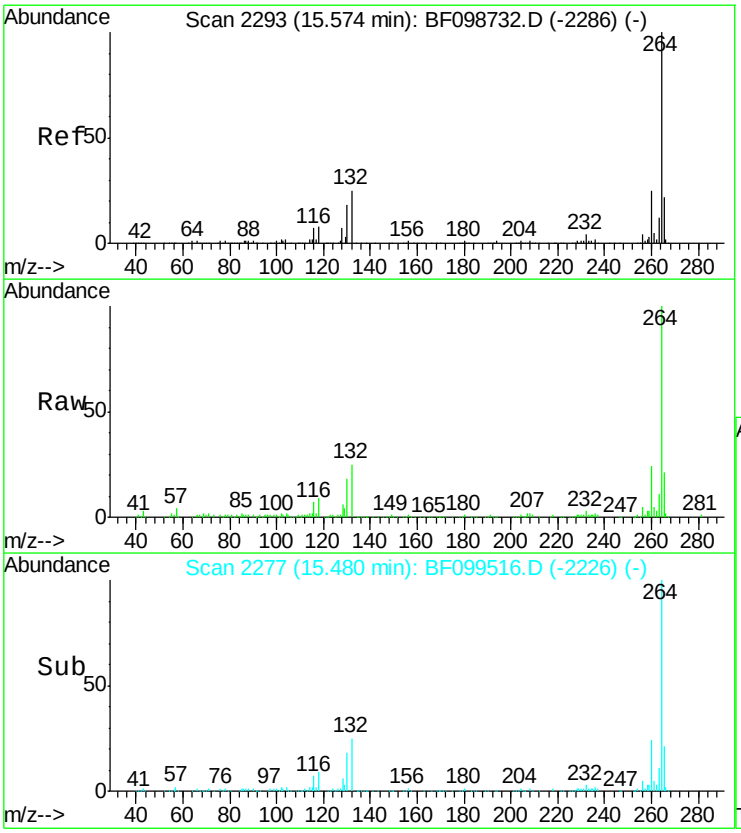
#78
Terphenyl-d14
Concen: 45.78 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 373292

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF099516.D
Acq: 15 Oct 2017 16:23

Tgt Ion:264 Resp: 179330

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.7	17.5	26.3