Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099938.D
Acq On : 29 Oct 2017 2:49
Operator : SJ/JU
Sample : I6023-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 02:04:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107831	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	432477	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	182548	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	255901	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	191358	20.00	ng		-0.03
86) Perylene-d12	15.43	264	188484	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	794885	115.73	ng		0.00
7) Phenol-d6	6.44	99	946865	116.27	ng		0.00
23) Nitrobenzene-d5	7.36	82	558545	83.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	149955	90.14	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1070710	90.49	ng		-0.01
78) Terphenyl-d14	12.90	244	663589	75.78	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	14083	2.894	ng		92
10) Phenol	6.45	94	31241	3.494	ng		81
19) n-Nitroso-di-n-propylamine	7.36	70	69194	14.498	ng	#	70
25) Isophorone	7.36	82	558545	45.822	ng	#	64
49) Dimethylphthalate	9.54	163	33443	2.313	ng		100
50) 2,6-Dinitrotoluene	9.82	165	22924	7.543	ng	#	24
56) 2,4-Dinitrotoluene	9.82	165	22924	6.264	ng	#	22
66) 4-Bromophenyl-phenylether	10.62	248	9559	3.548	ng	#	1

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

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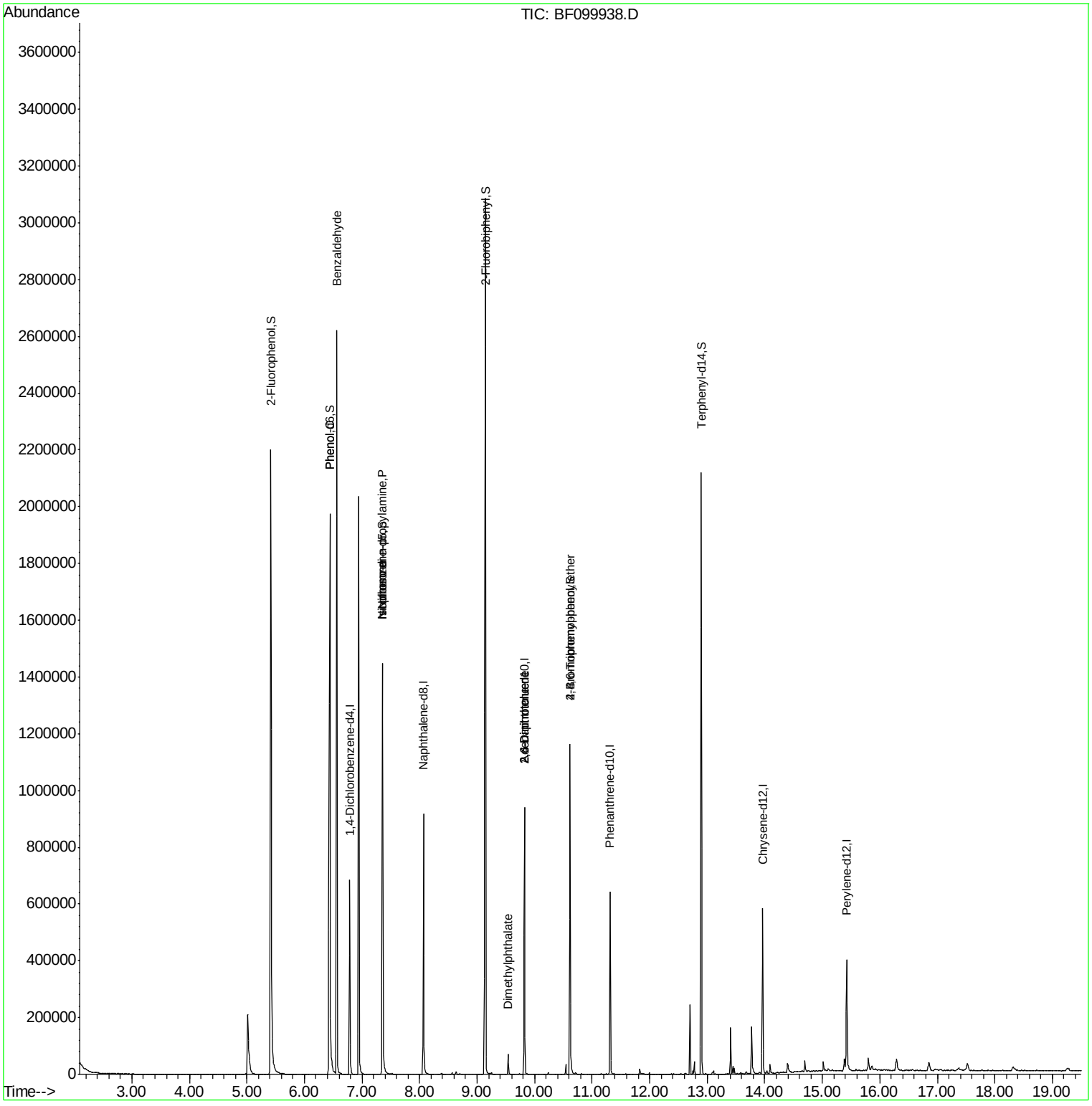
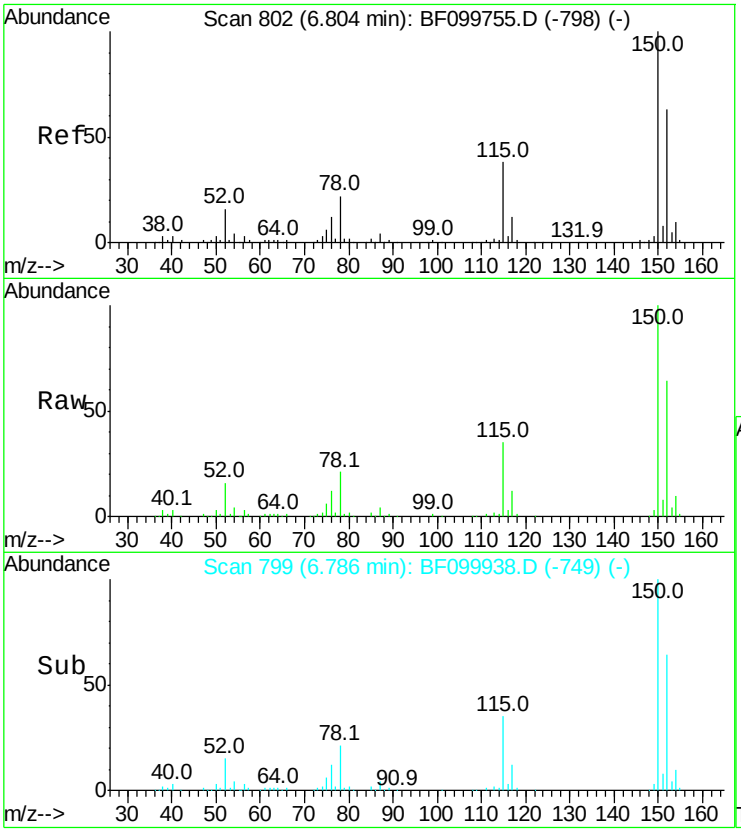


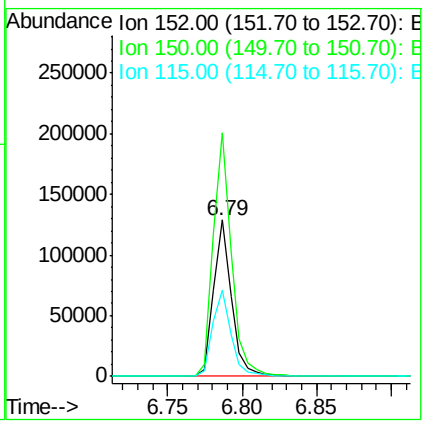


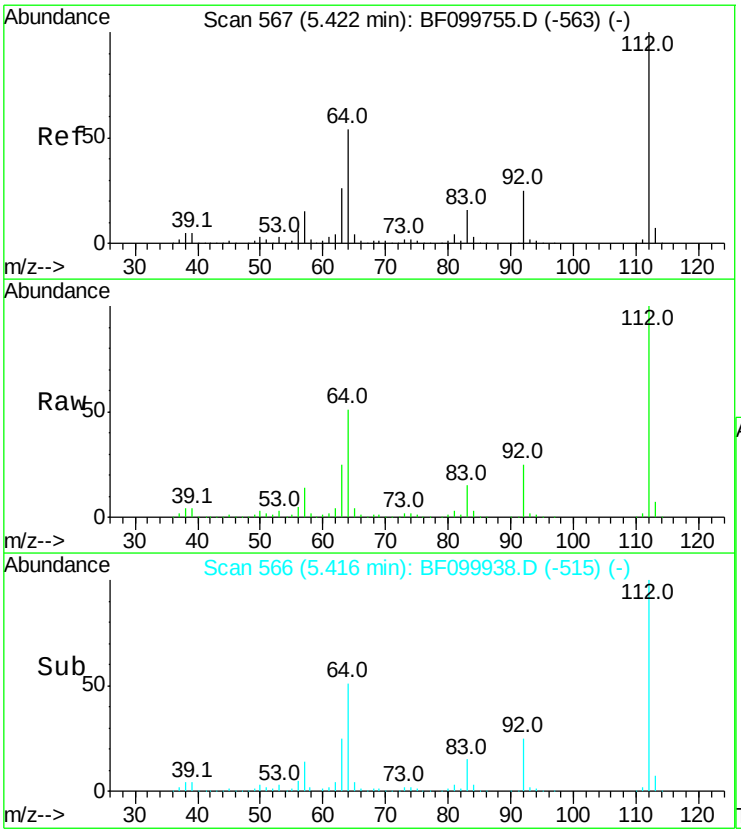
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107831

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	55.2	50.1	75.1

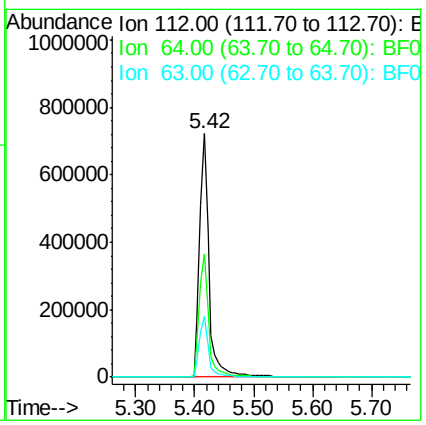


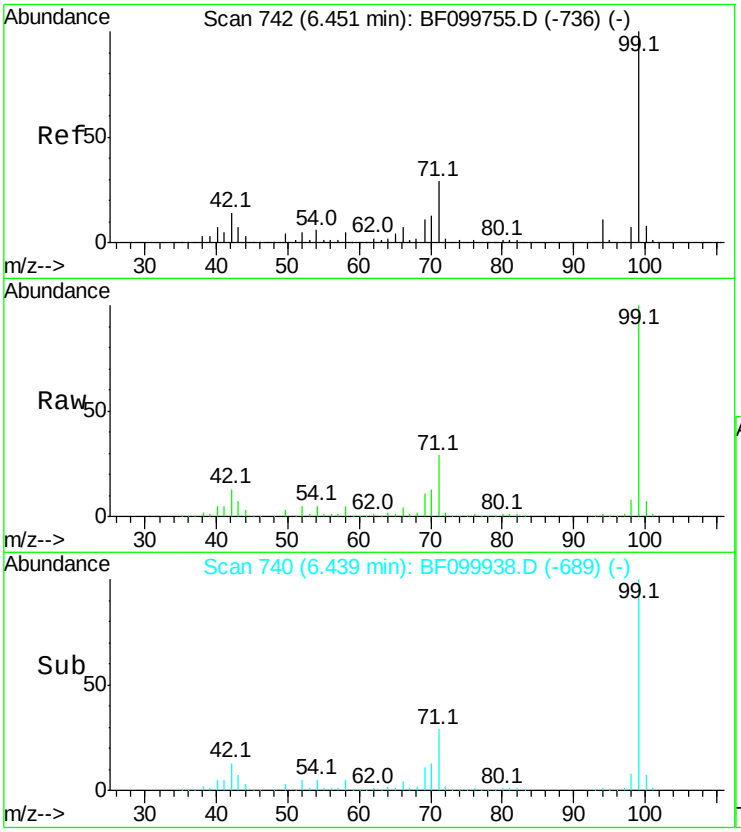


#5
2-Fluorophenol
Concen: 115.731 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:112 Resp: 794885

Ion	Ratio	Lower	Upper
112	100		
64	50.8	47.9	71.9
63	24.8	23.7	35.5



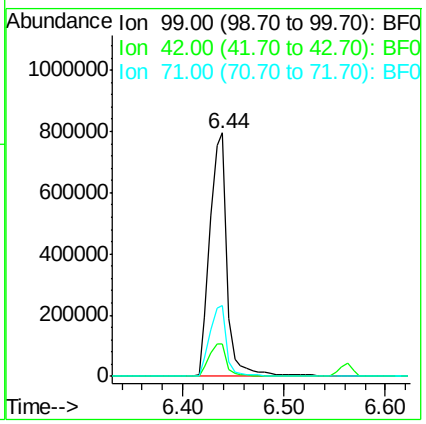


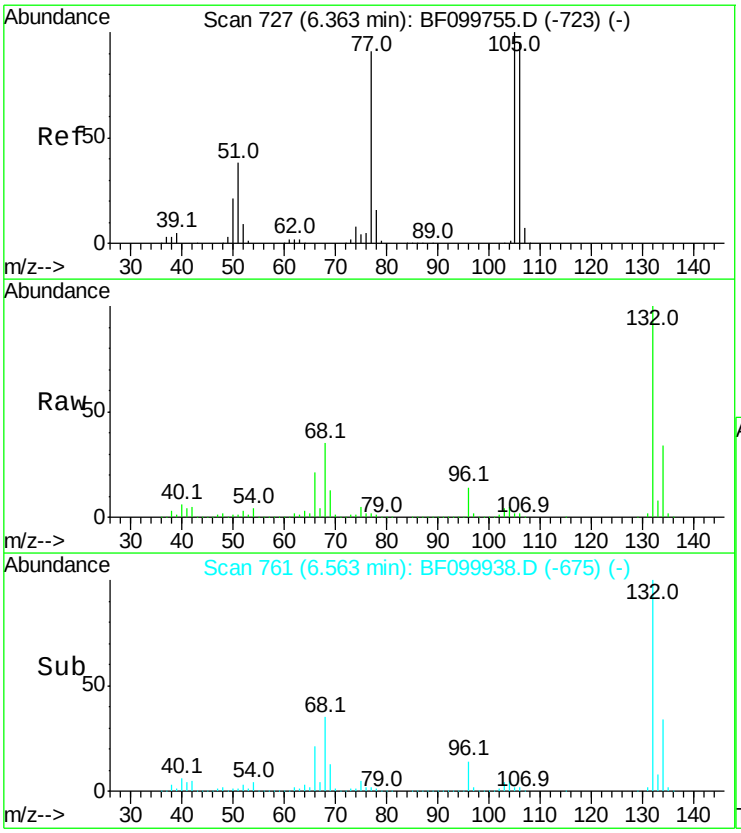
#7
Phenol-d6
Concen: 116.266 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 946865

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.5	21.7#
71	28.9	25.4	38.0

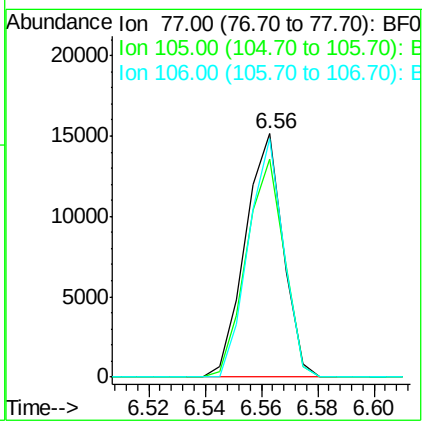


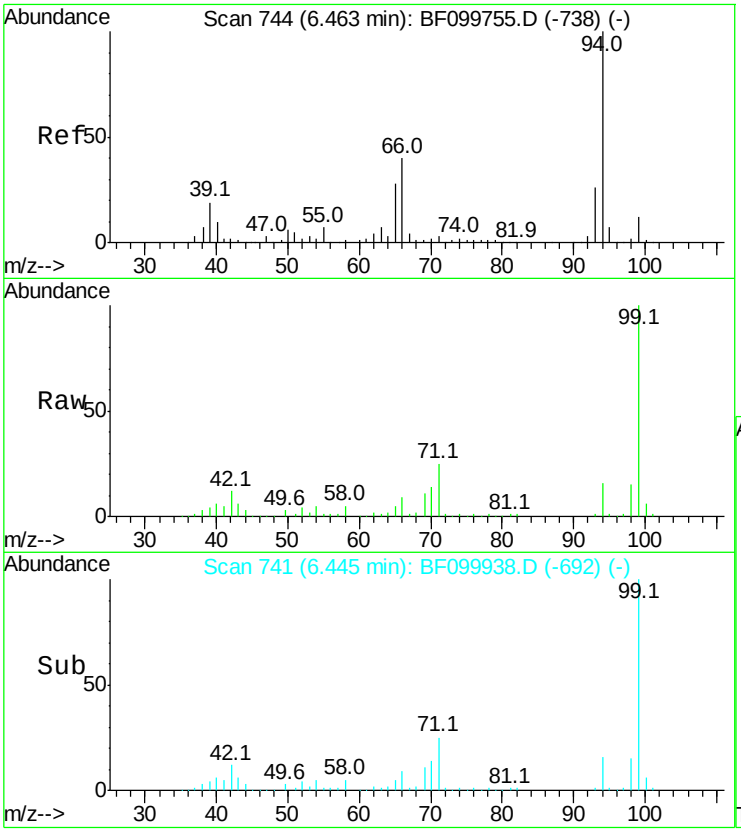


#9
Benzaldehyde
Concen: 2.894 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.21 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion: 77 Resp: 14083

Ion	Ratio	Lower	Upper
77	100		
105	89.6	81.1	121.1
106	98.0	74.5	114.5



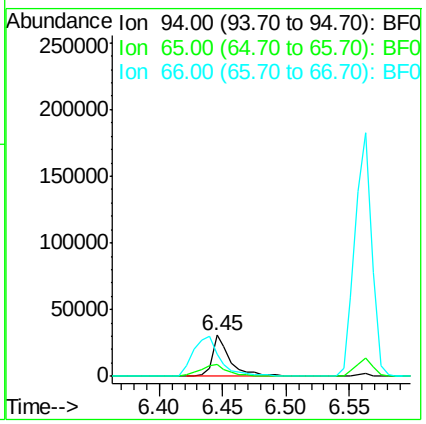


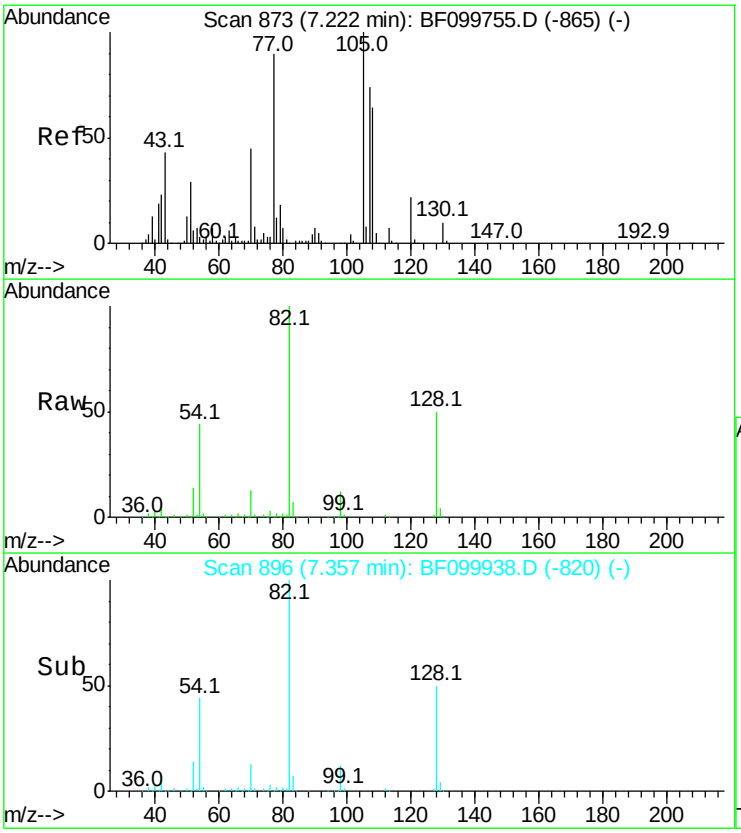
#10
Phenol
Concen: 3.494 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 31241

Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	54.3	16.2	56.2

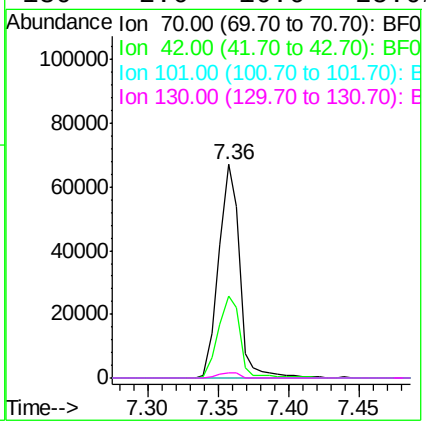


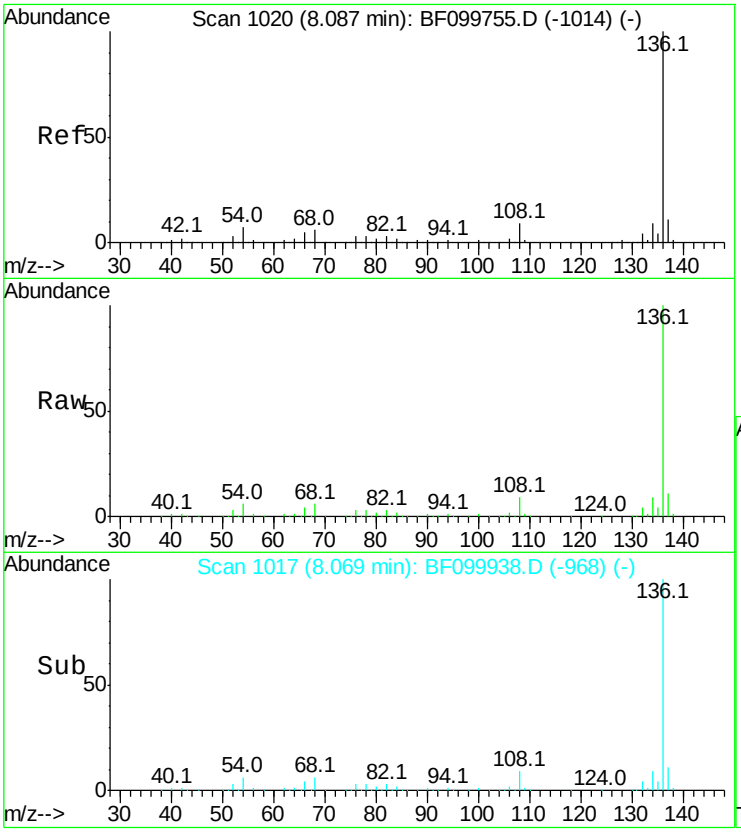


#19
n-Nitroso-di-n-propylamine
Concen: 14.498 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion: 70 Resp: 69194

Ion	Ratio	Lower	Upper
70	100		
42	38.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



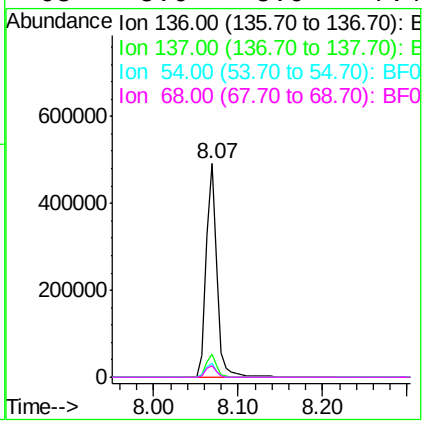


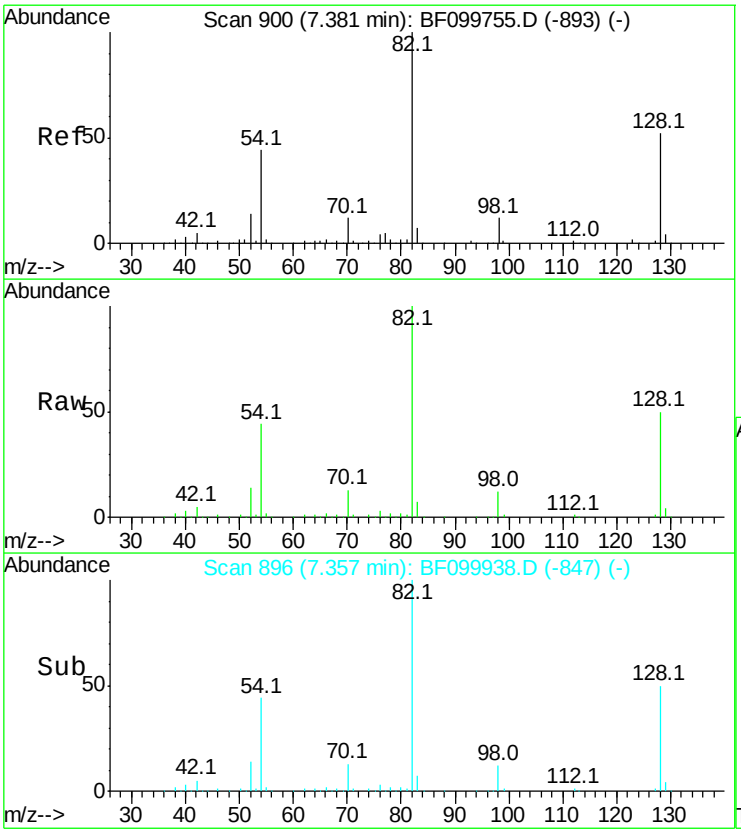
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 432477

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	5.6	5.0	7.4

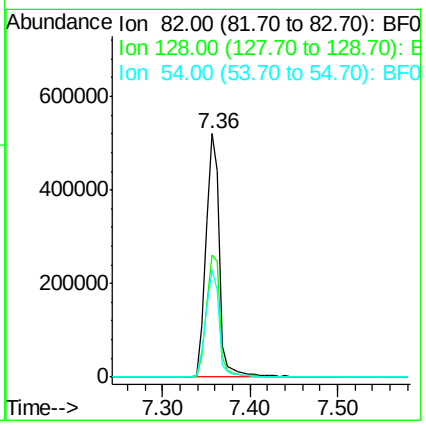


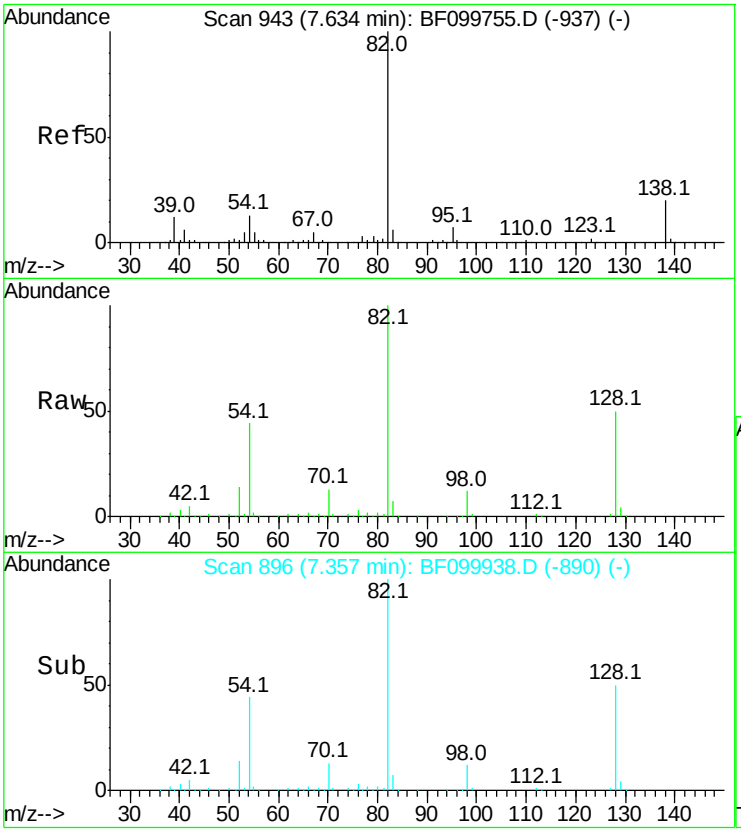


#23
Nitrobenzene-d5
Concen: 83.148 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion: 82 Resp: 558545

Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	43.9	41.4	62.2



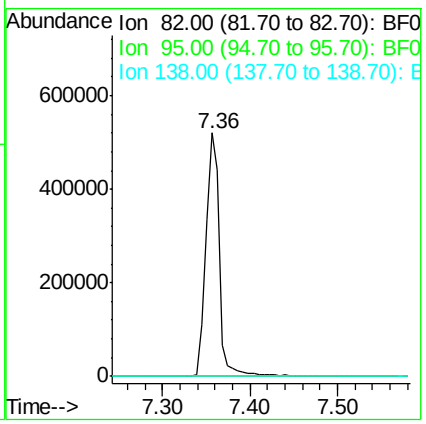


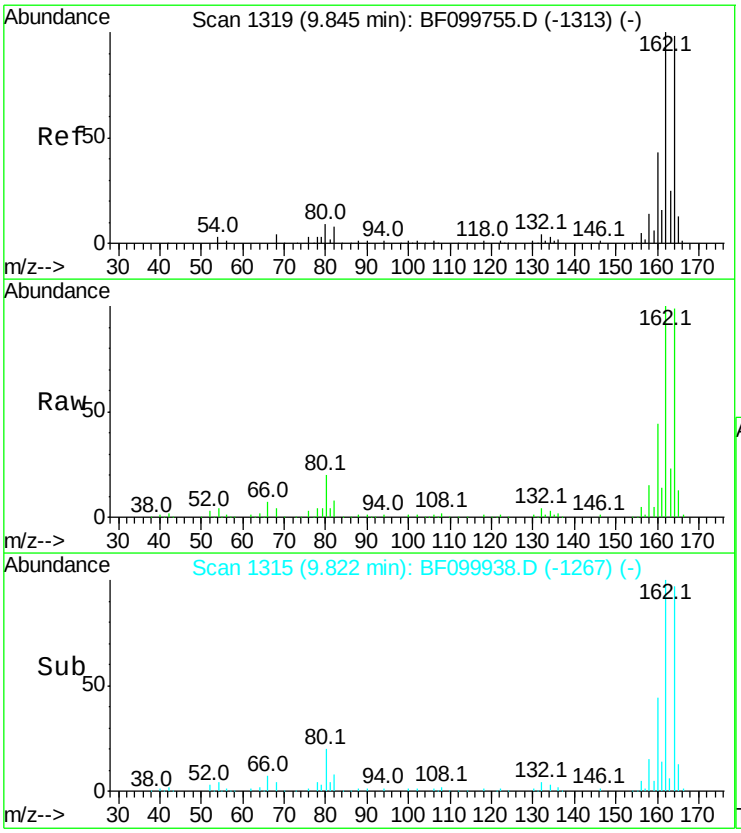
#25
Isophorone
Concen: 45.822 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 558545

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

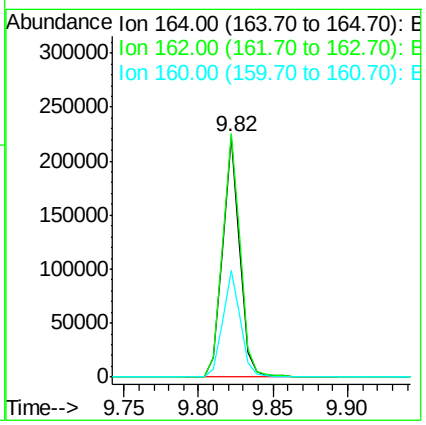


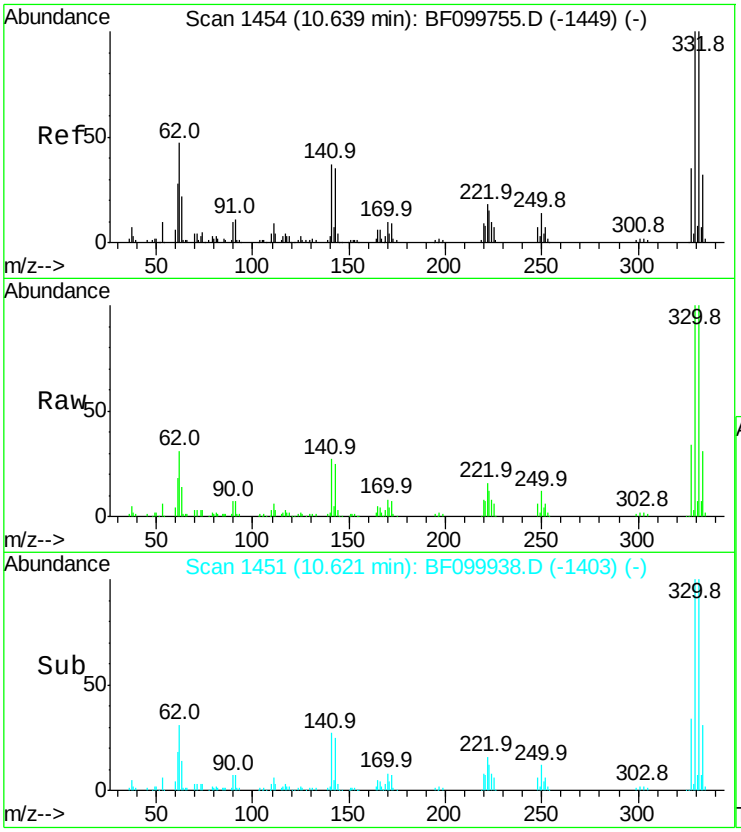


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:164 Resp: 182548

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	44.5	38.3	57.5



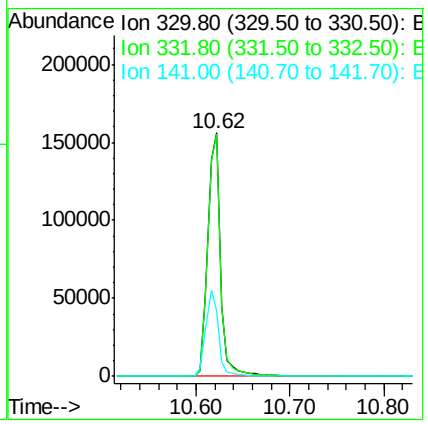


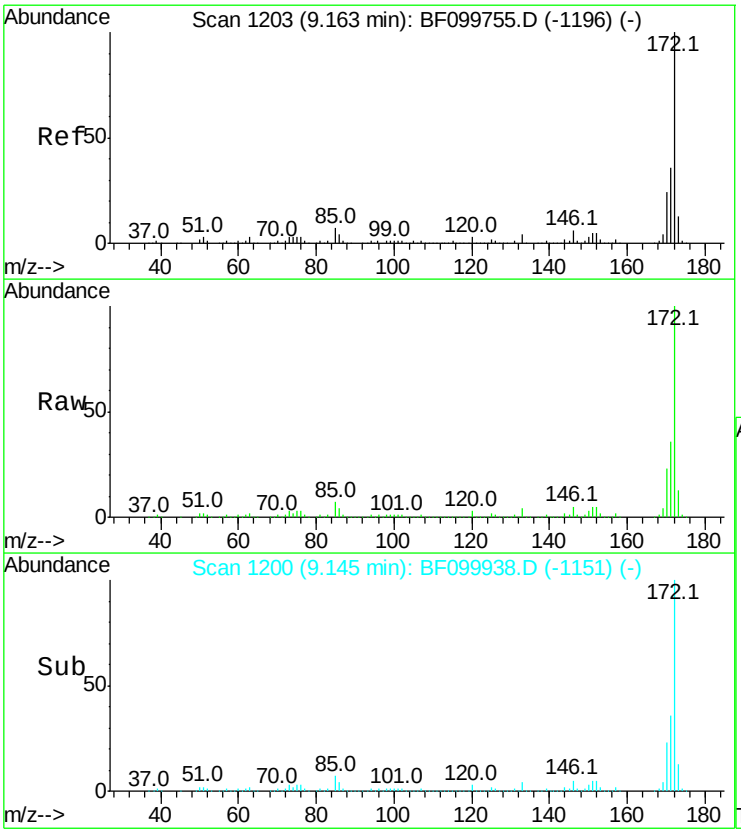
#41
2,4,6-Tribromophenol
Concen: 90.139 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 149955

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	35.1	29.9	44.9

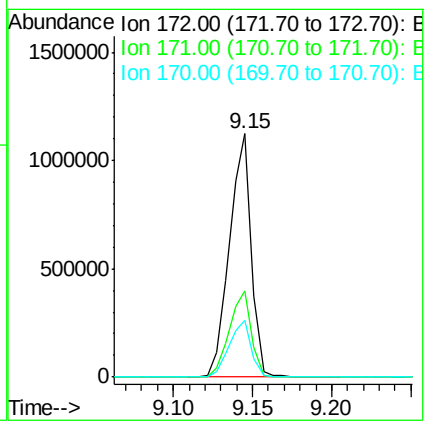


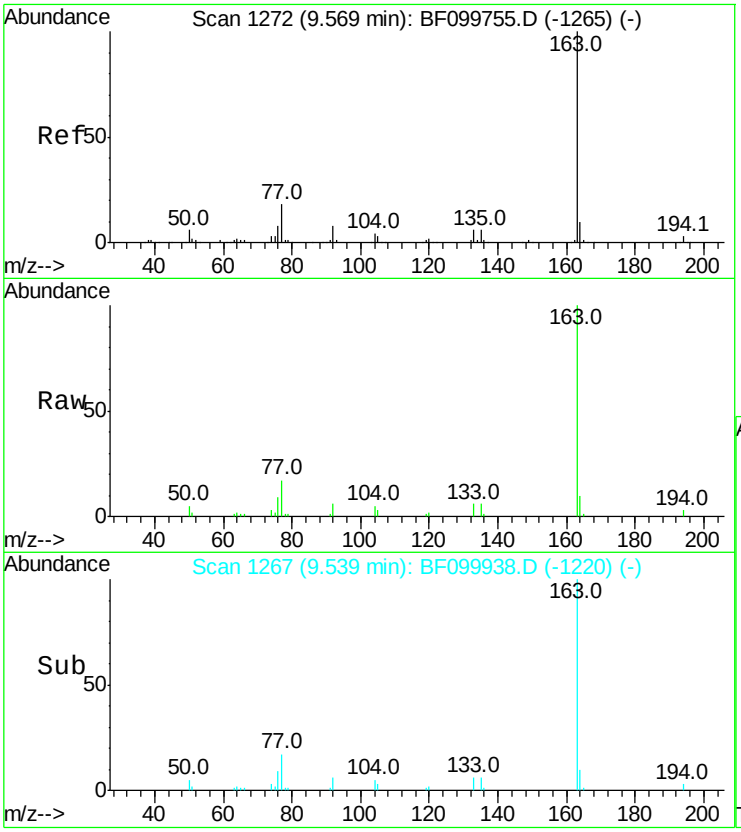


#44
2-Fluorobiphenyl
Concen: 90.493 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:172 Resp: 1070710

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	19.6	29.4



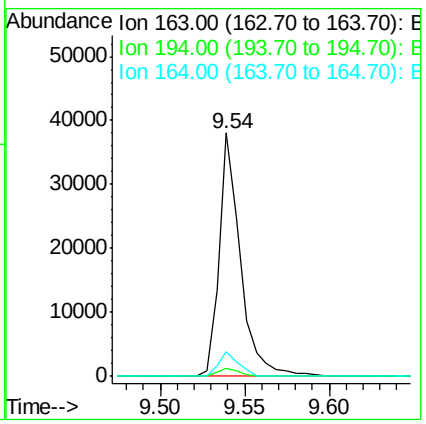


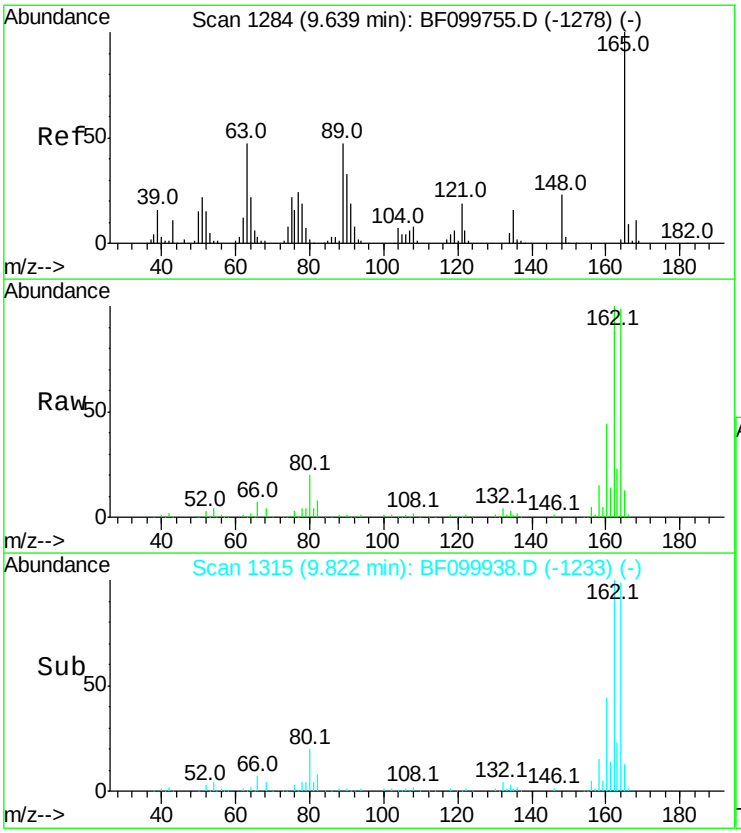
#49
Dimethylphthalate
Concen: 2.313 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 33443

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.3	8.2	12.2

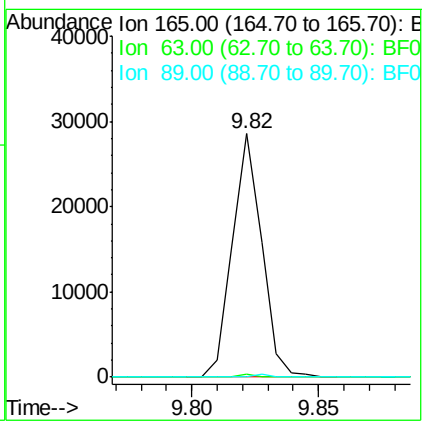


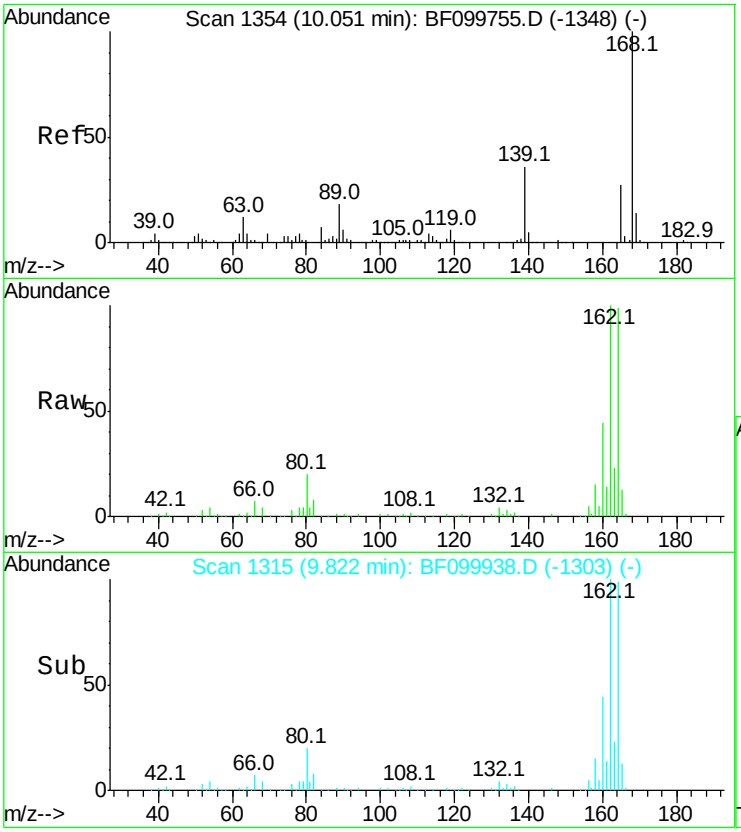


#50
2,6-Dinitrotoluene
Concen: 7.543 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:165 Resp: 22924

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	0.0	44.0	66.0#



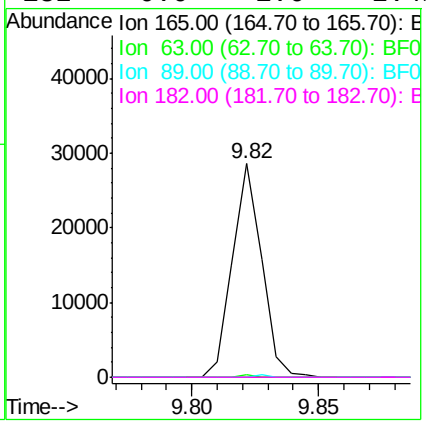


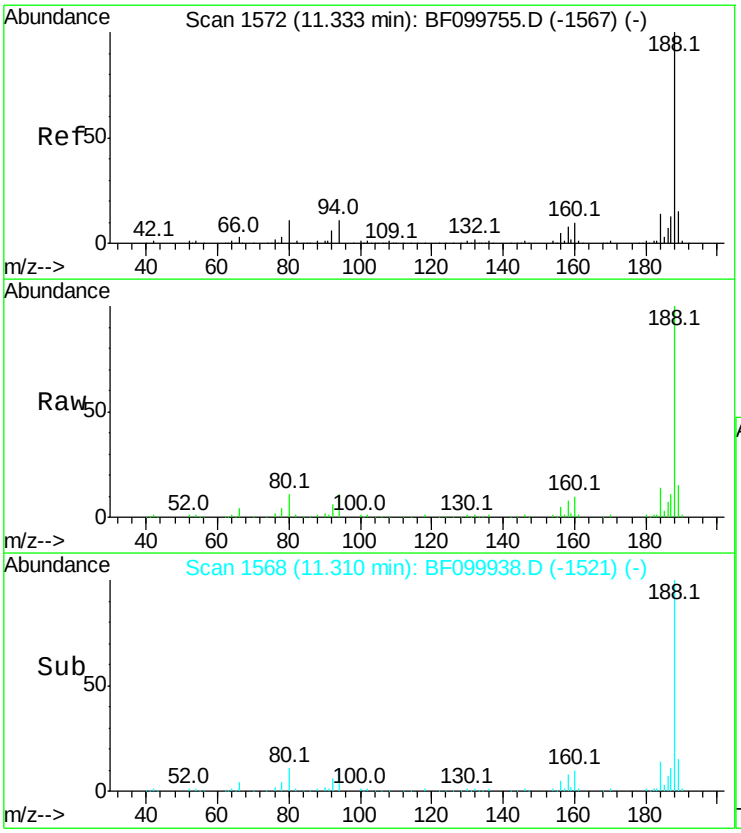
#56
2,4-Dinitrotoluene
Concen: 6.264 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22924

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

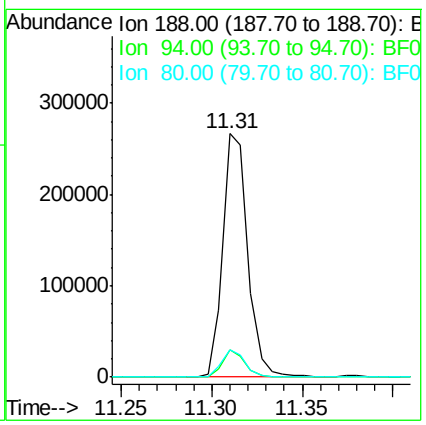


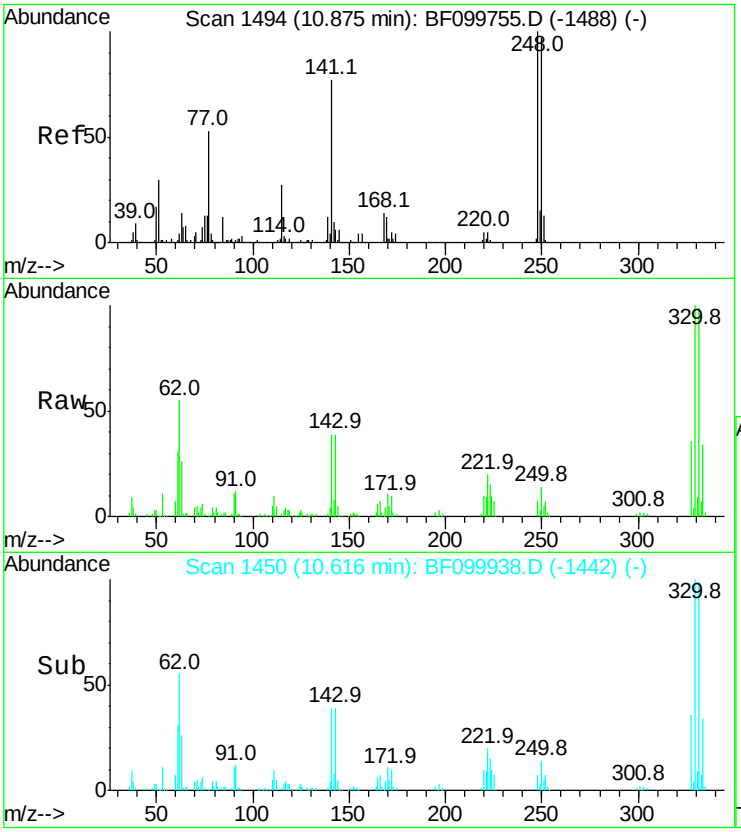


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:188 Resp: 255901

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.4	9.2	13.8



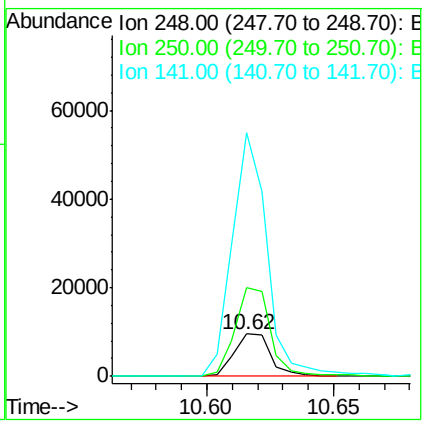


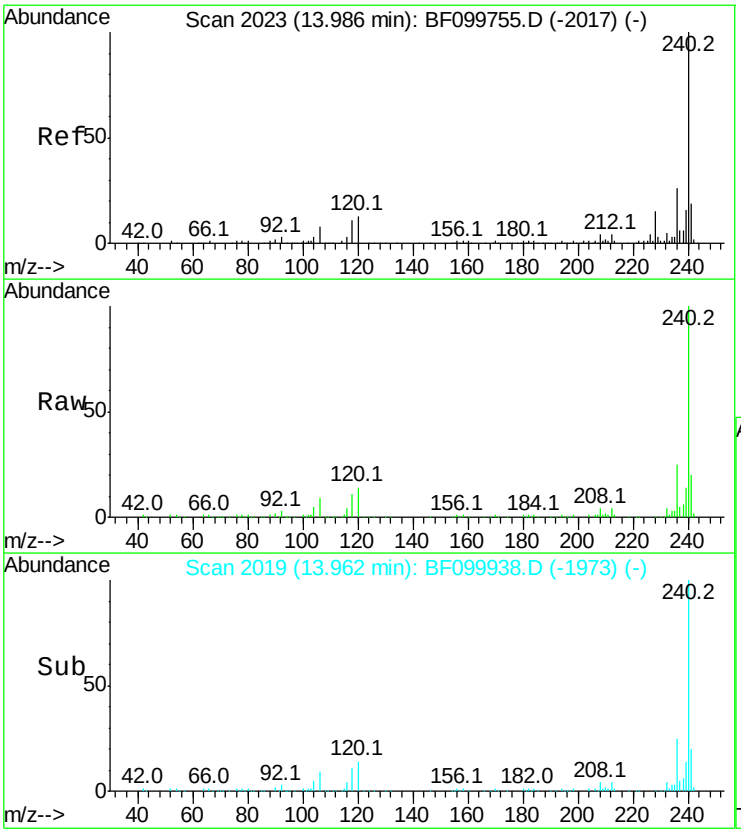
#66
4-Bromophenyl-phenylether
Concen: 3.548 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9559

Ion	Ratio	Lower	Upper
248	100		
250	208.8	76.9	115.3#
141	576.1	74.4	111.6#

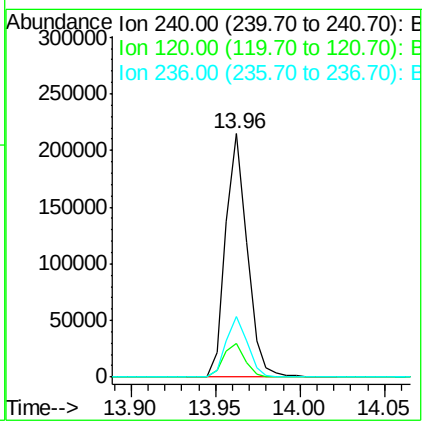


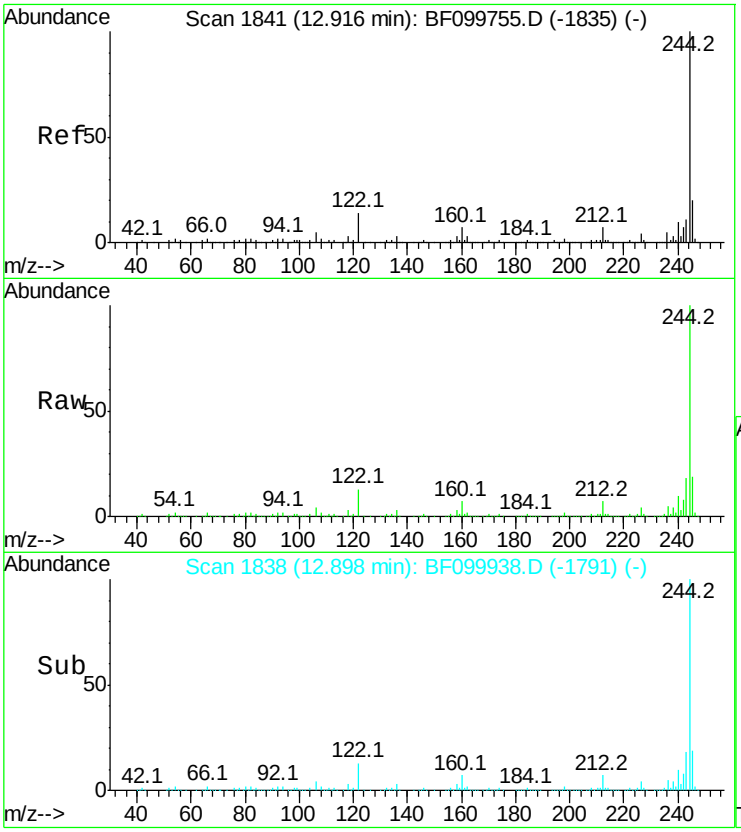


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:240 Resp: 191358

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.1	20.7	31.1



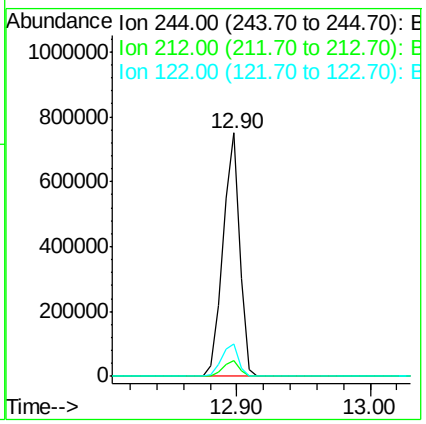


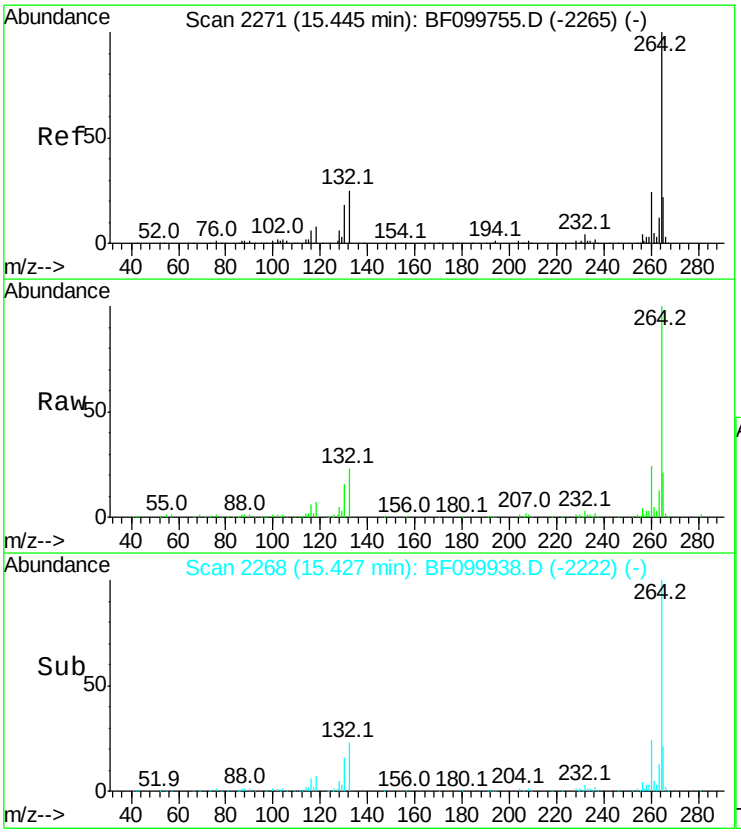
#78
Terphenyl-d14
Concen: 75.784 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 663589

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF099938.D
Acq: 29 Oct 2017 2:49

Tgt Ion:264 Resp: 188484

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3