Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099981.D
Acq On : 31 Oct 2017 1:37
Operator : SJ/JU
Sample : I6083-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 02:32:16 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	92470	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362329	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	159018	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	264730	20.00	ng	-0.02
75) Chrysene-d12	13.98	240	175913	20.00	ng	-0.01
86) Perylene-d12	15.47	264	163612	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	223755	37.99	ng	0.00
7) Phenol-d6	6.43	99	169634	24.29	ng	0.00
23) Nitrobenzene-d5	7.36	82	457510	81.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	113298	78.18	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	889495	86.30	ng	-0.01
78) Terphenyl-d14	12.91	244	724243	89.97	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	56464	13.796	ng	# 74
25) Isophorone	7.36	82	457510	44.800	ng	# 64
49) Dimethylphthalate	9.55	163	29056	2.307	ng	# 96
50) 2,6-Dinitrotoluene	9.82	165	20020	7.562	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	20020	6.280	ng	# 22
62) Azobenzene	10.54	77	30351	2.944	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	7172	2.573	ng	# 1

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

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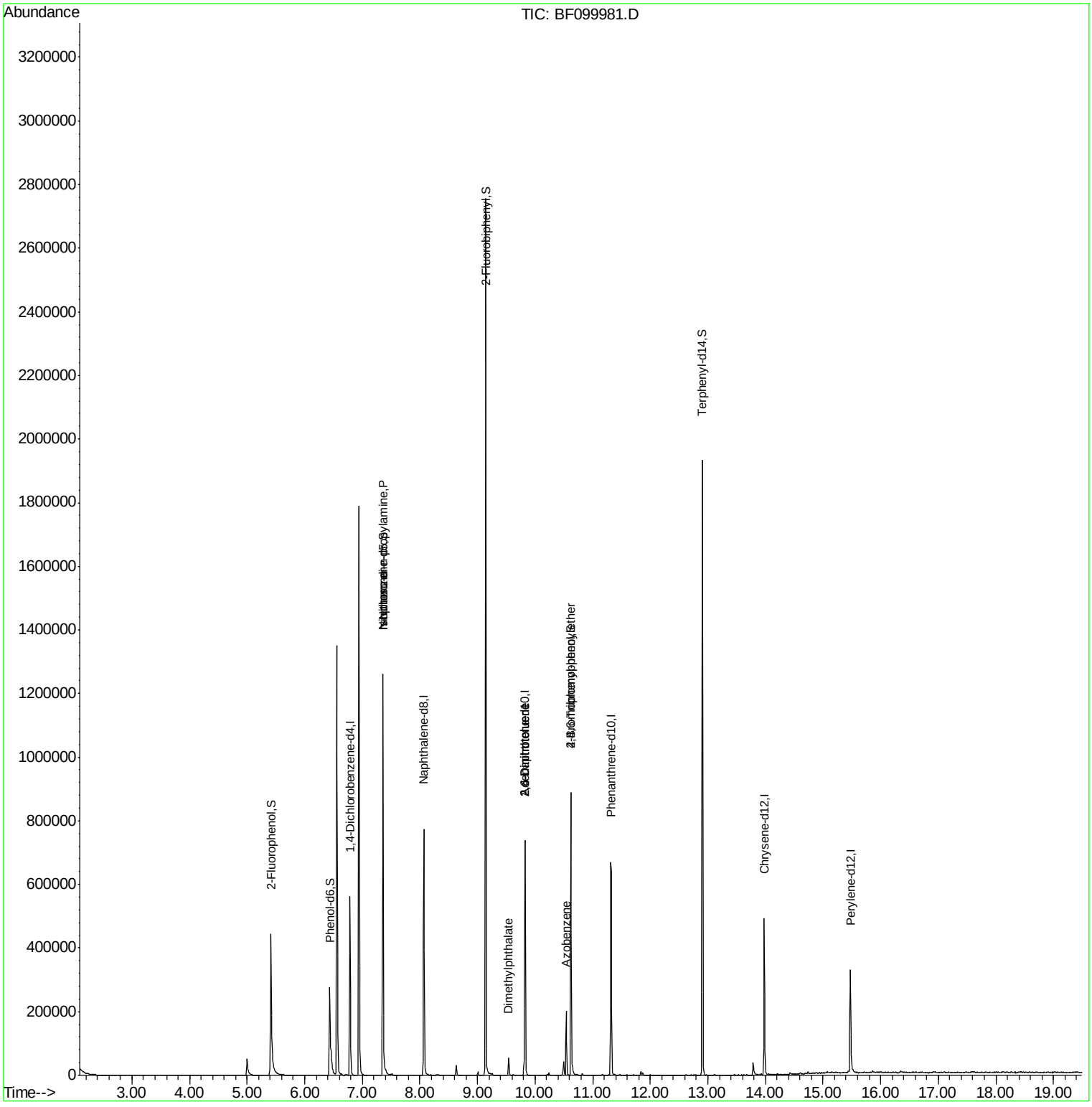
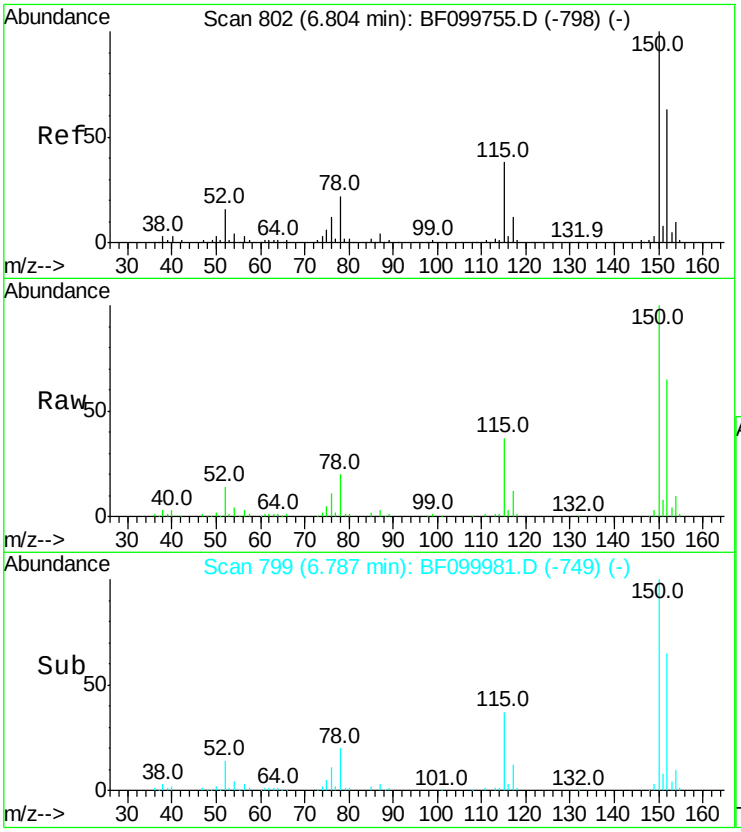


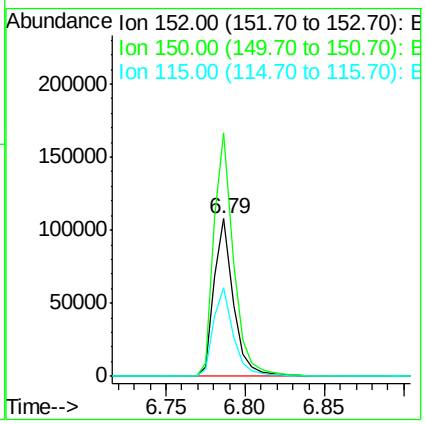


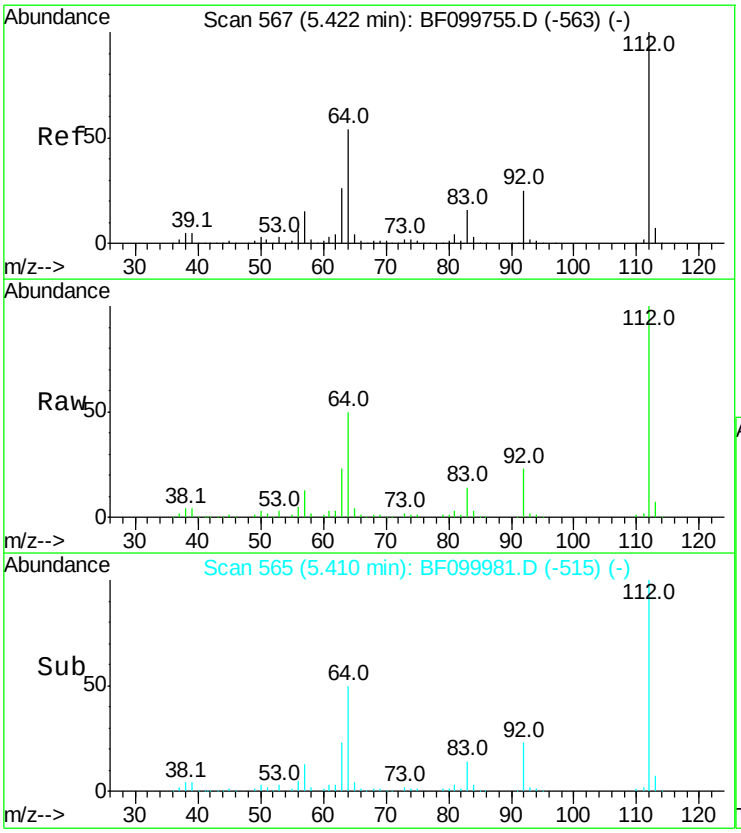
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92470

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	56.5	50.1	75.1

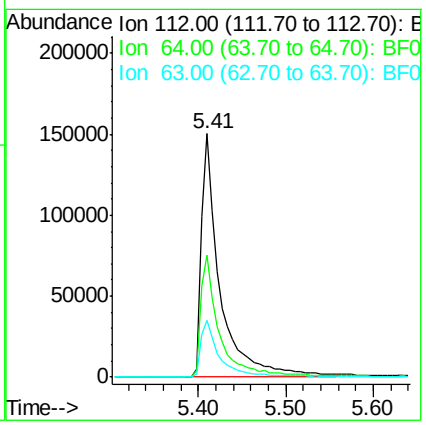


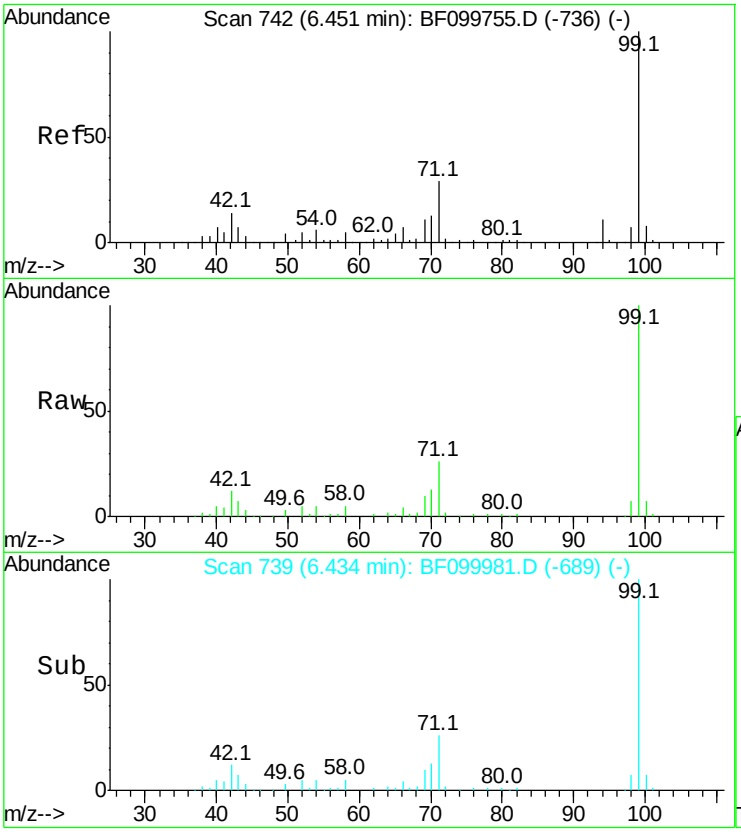


#5
2-Fluorophenol
Concen: 37.989 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:112 Resp: 223755

Ion	Ratio	Lower	Upper
112	100		
64	50.3	47.9	71.9
63	23.1	23.7	35.5#



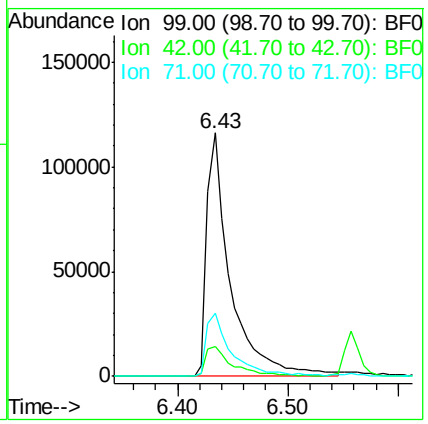


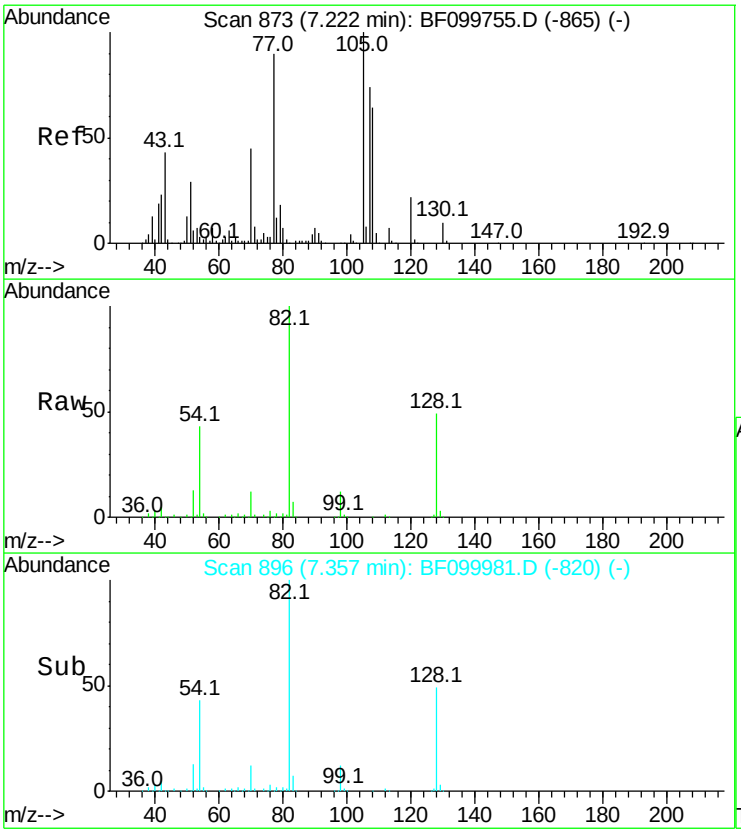
#7
Phenol-d6
Concen: 24.290 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 169634

Ion	Ratio	Lower	Upper
99	100		
42	12.4	14.5	21.7#
71	25.8	25.4	38.0

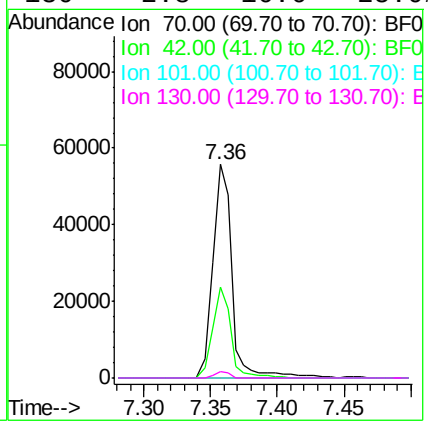


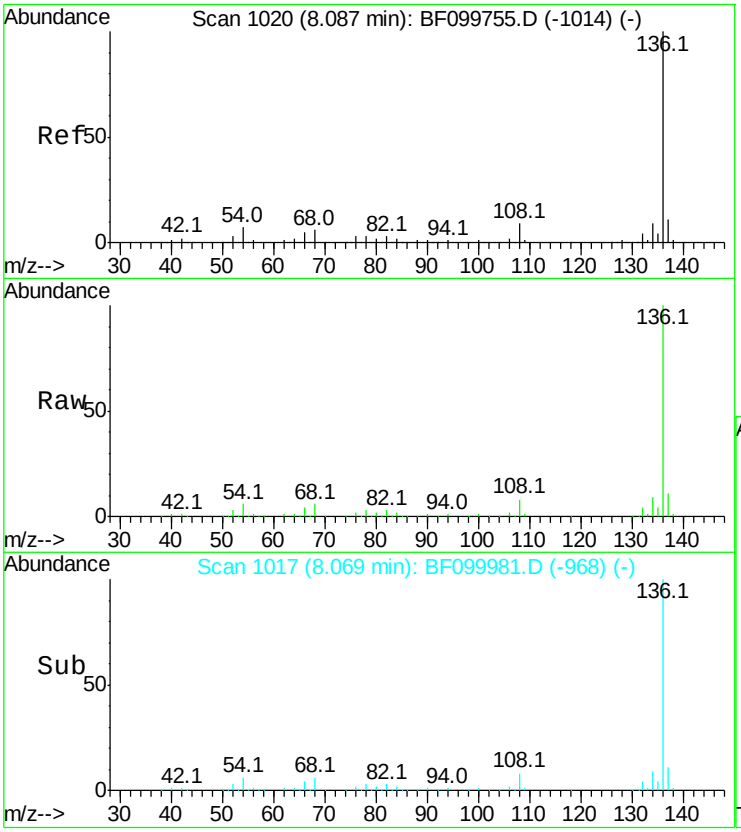


#19
n-Nitroso-di-n-propylamine
Concen: 13.796 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion: 70 Resp: 56464

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



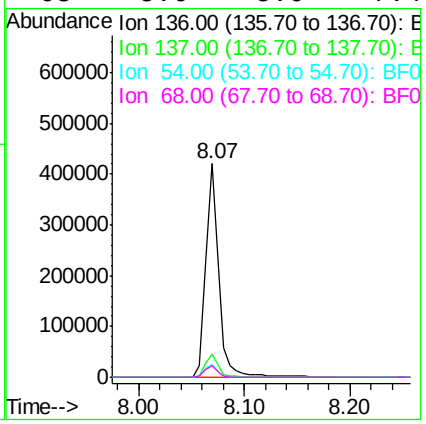


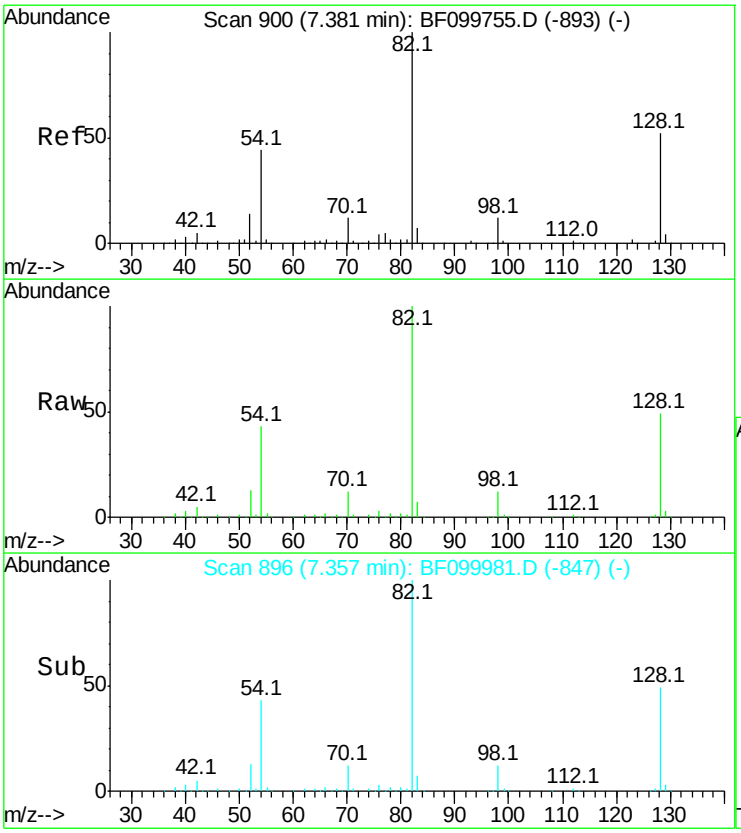
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 362329

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.6	5.0	7.4

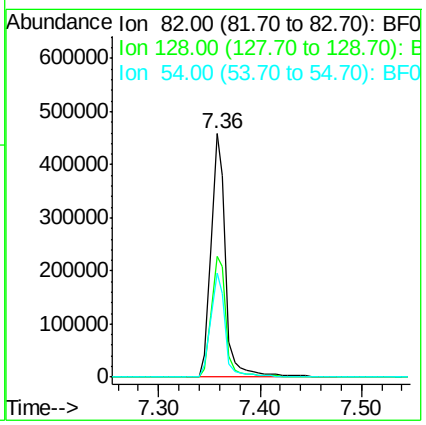


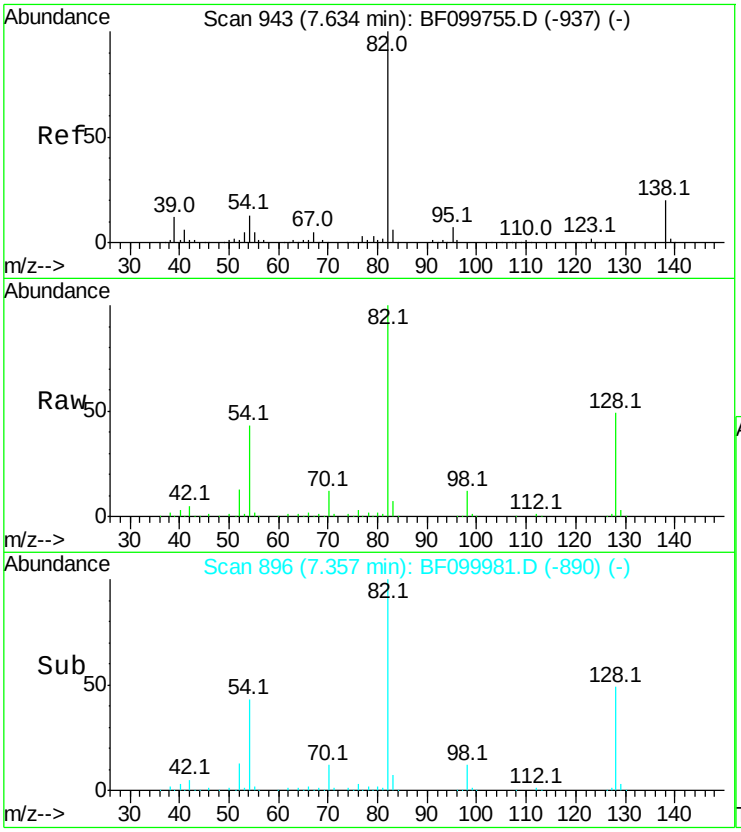


#23
Nitrobenzene-d5
Concen: 81.293 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion: 82 Resp: 457510

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	42.9	41.4	62.2



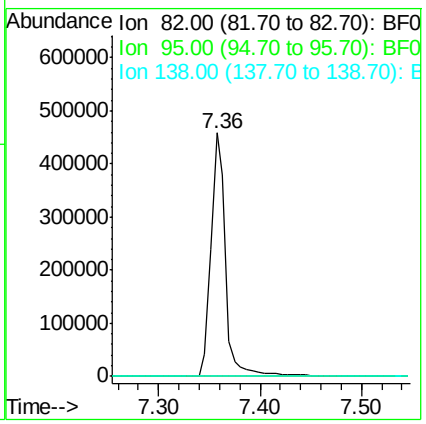


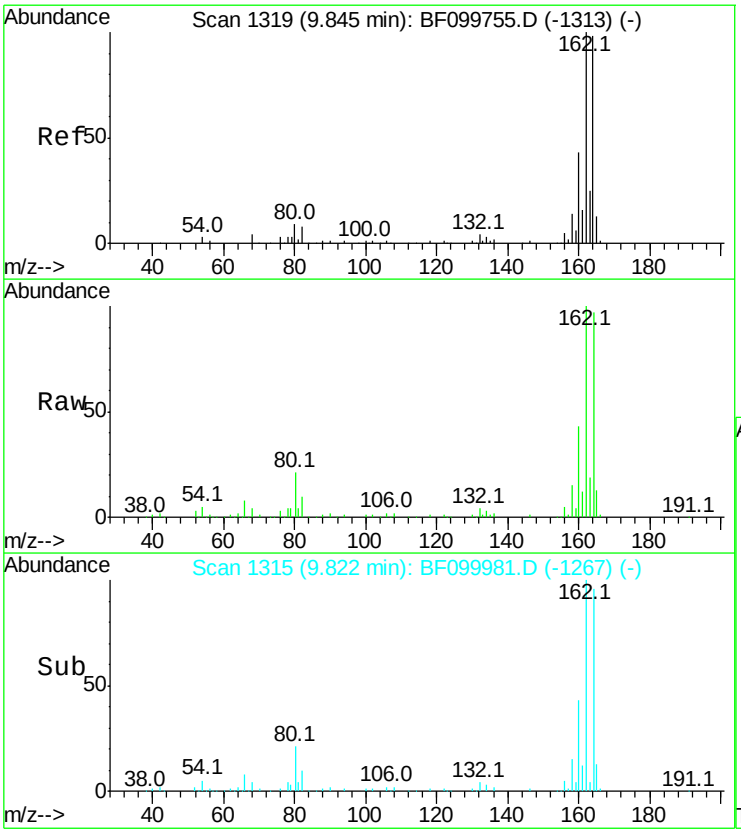
#25
Isophorone
Concen: 44.800 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 457510

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

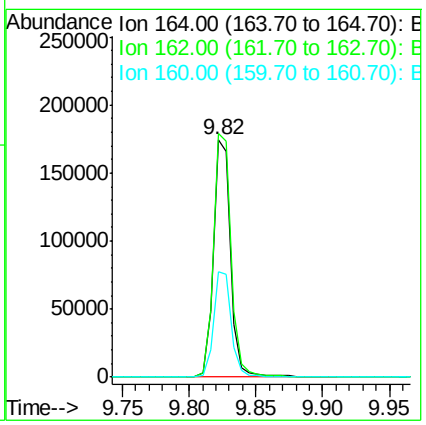


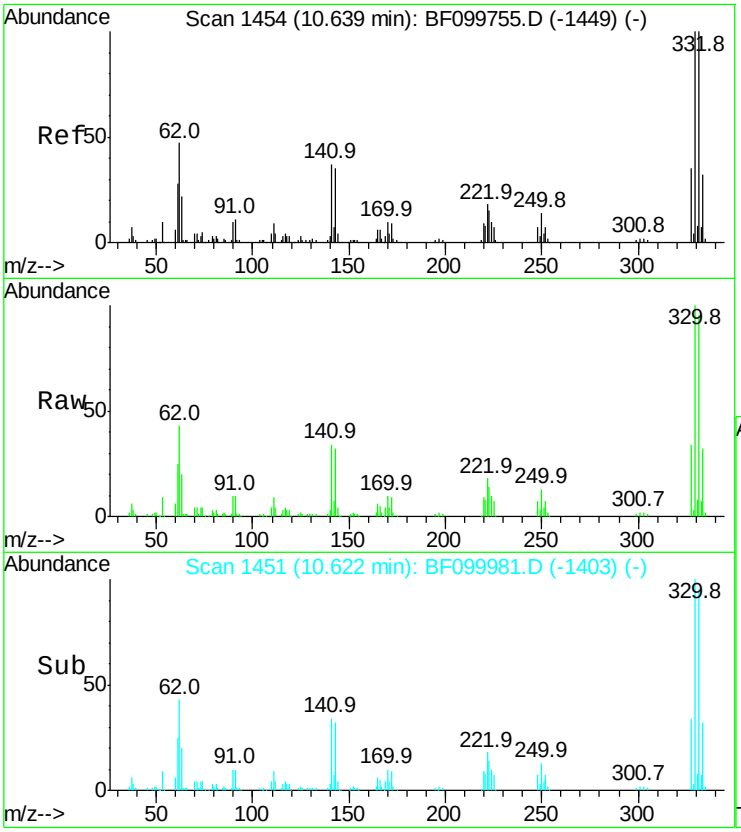


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:164 Resp: 159018

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	44.2	38.3	57.5



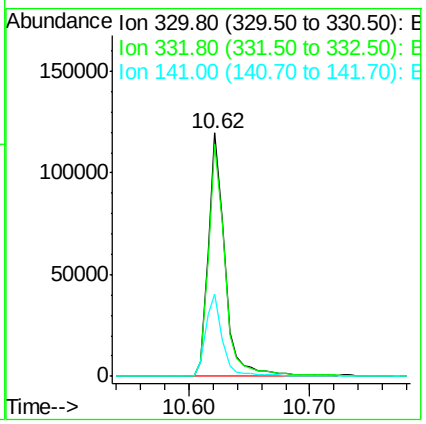


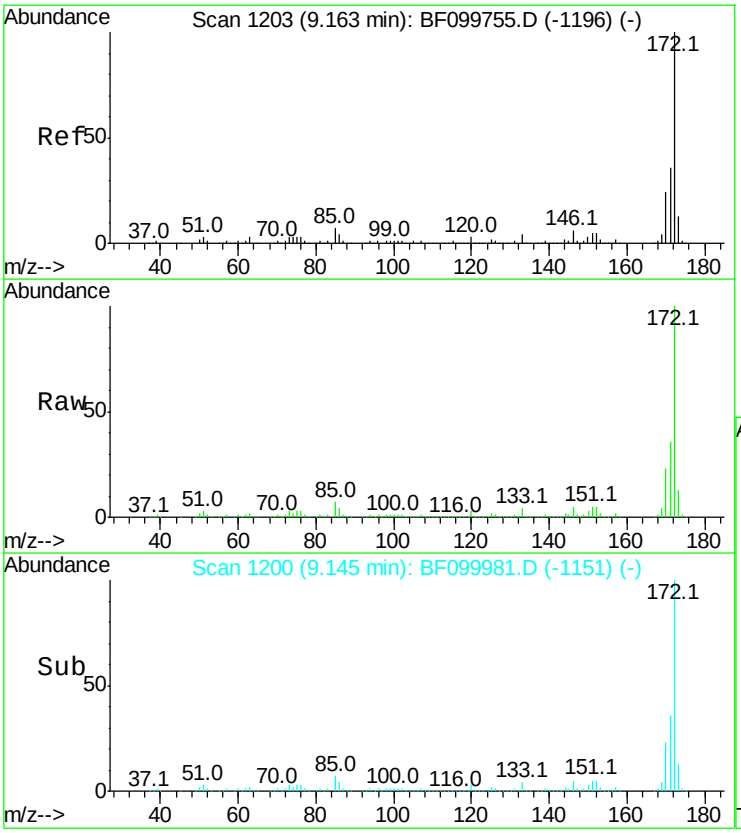
#41
2,4,6-Tribromophenol
Concen: 78.182 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 113298

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.5	29.9	44.9

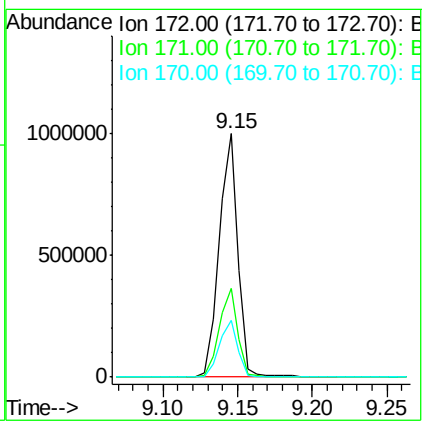


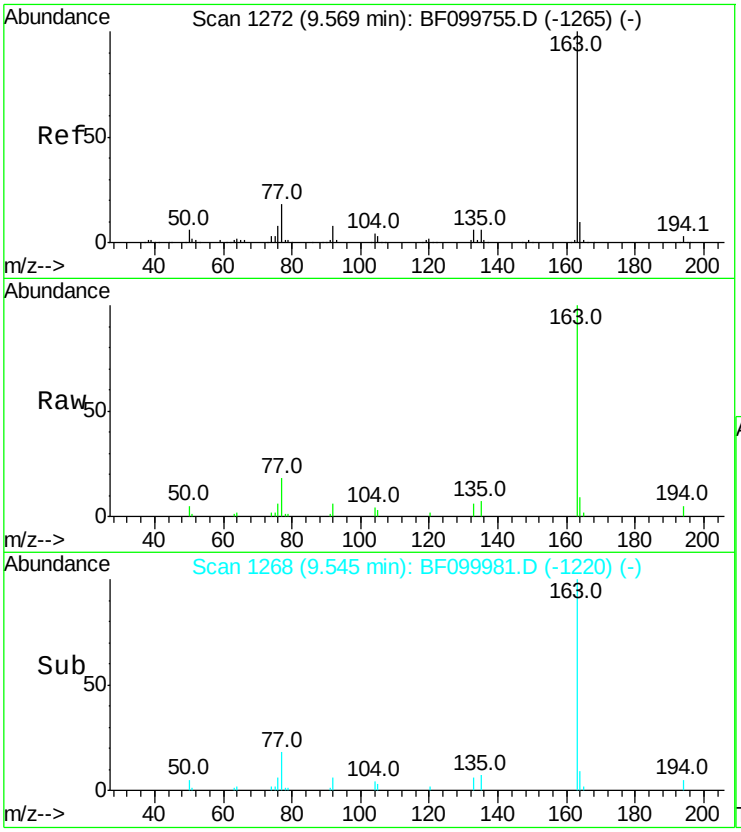


#44
2-Fluorobiphenyl
Concen: 86.301 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:172 Resp: 889495

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.3	19.6	29.4



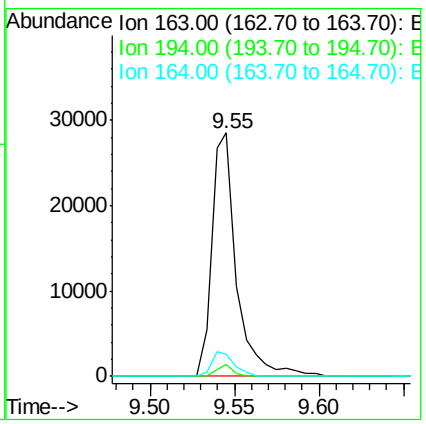


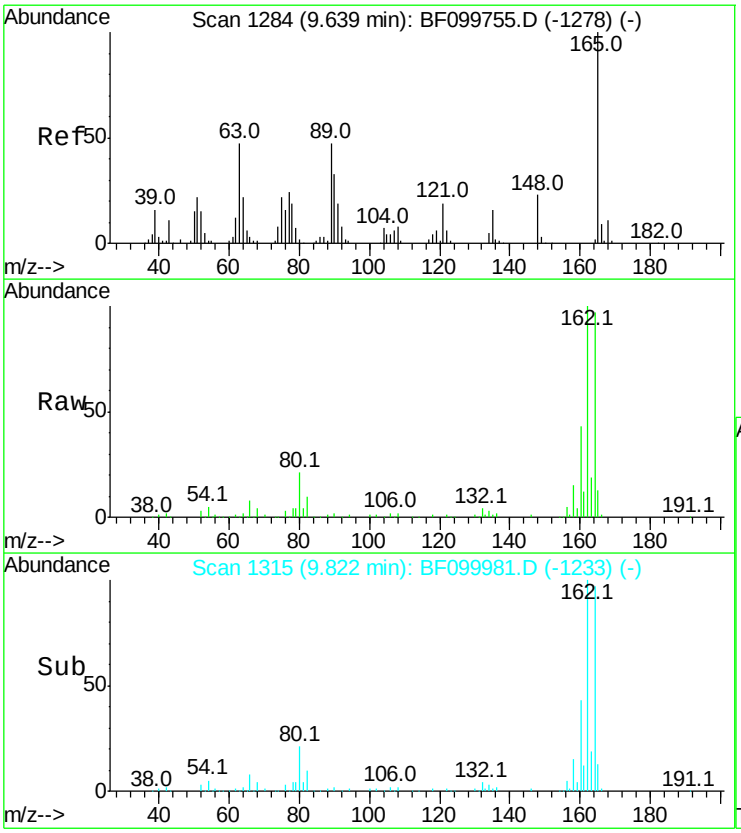
#49
Dimethylphthalate
Concen: 2.307 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 29056

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	8.9	8.2	12.2

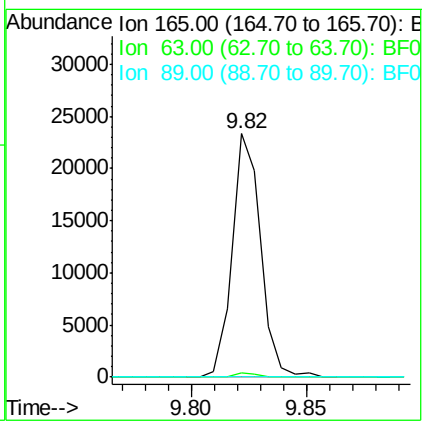


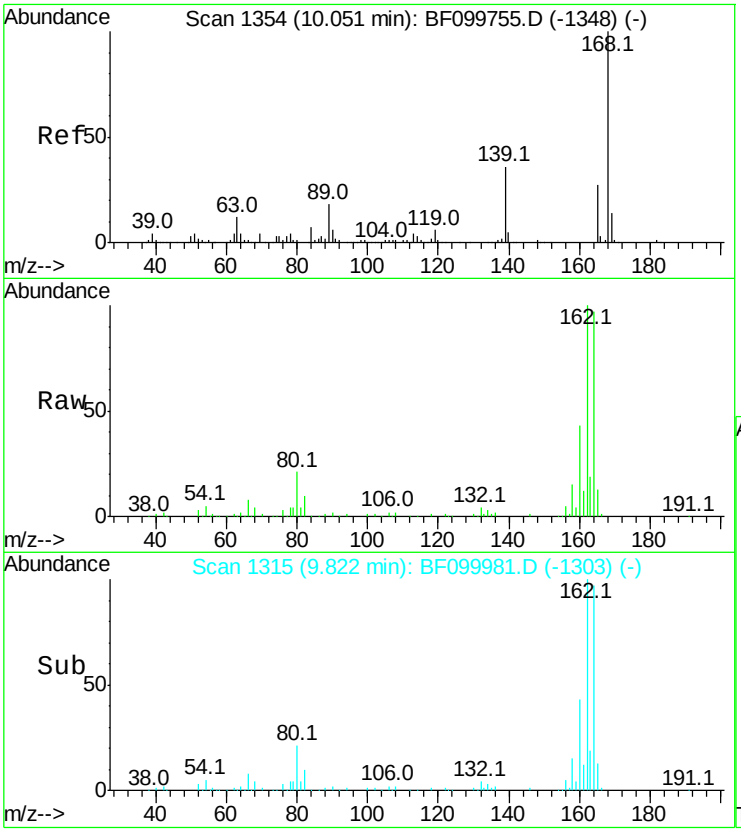


#50
2,6-Dinitrotoluene
Concen: 7.562 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:165 Resp: 20020

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#



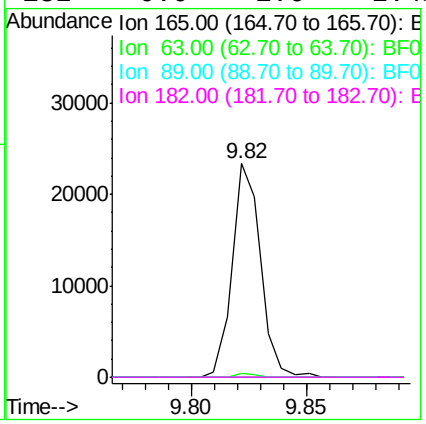


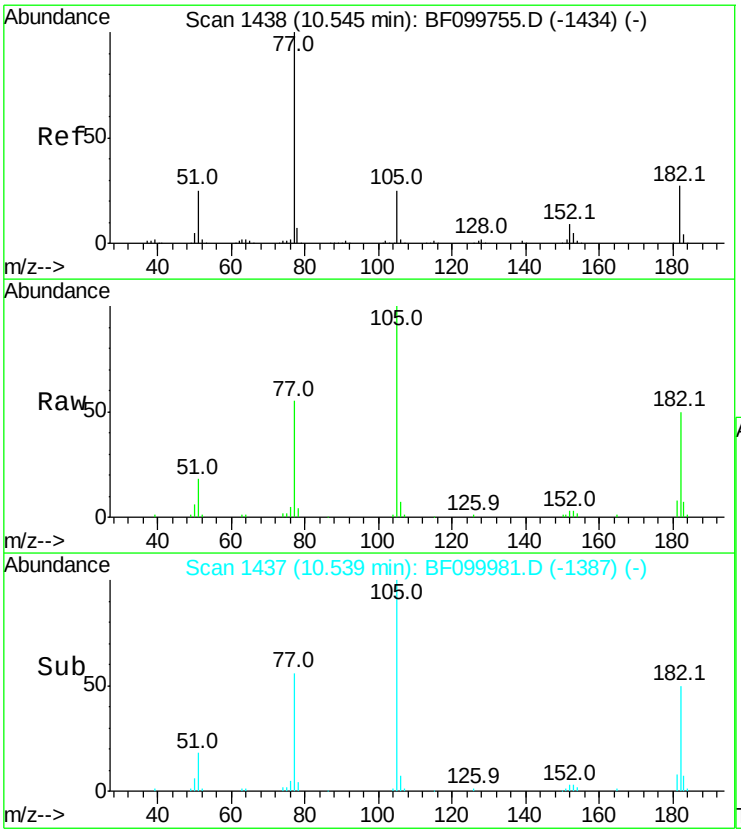
#56
2,4-Dinitrotoluene
Concen: 6.280 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20020

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

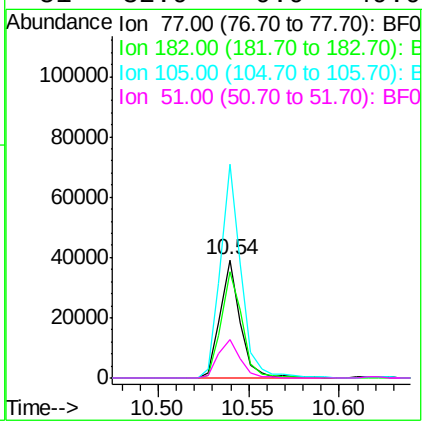


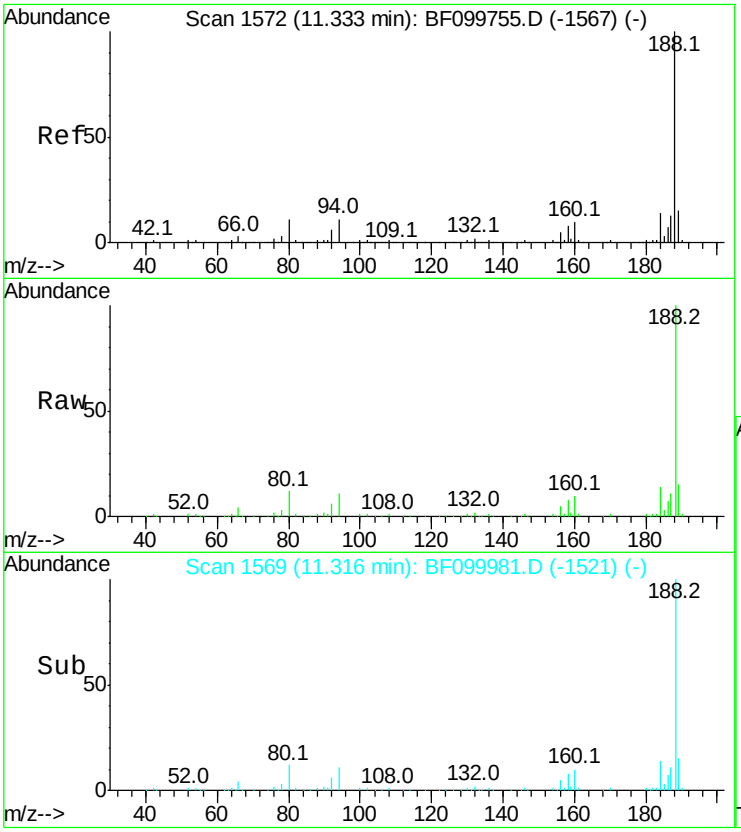


#62
Azobenzene
Concen: 2.944 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion: 77 Resp: 30351

Ion	Ratio	Lower	Upper
77	100		
182	90.0	1.7	41.7#
105	180.8	3.0	43.0#
51	32.9	9.9	49.9



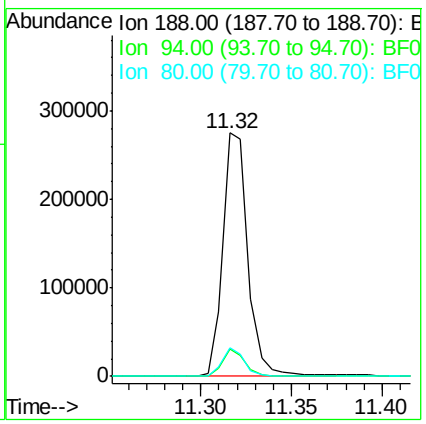


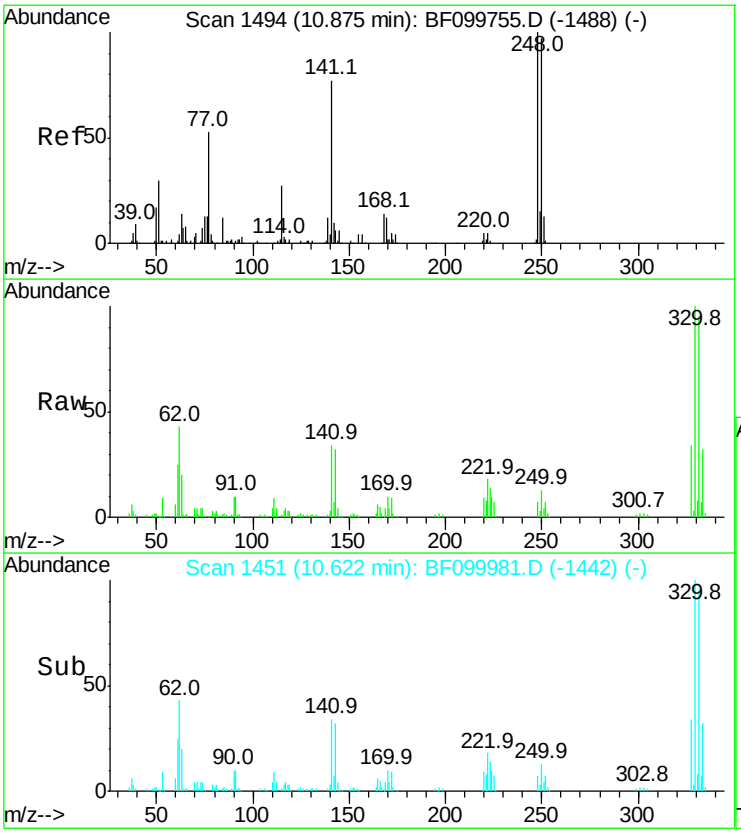
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 264730

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.0	9.2	13.8

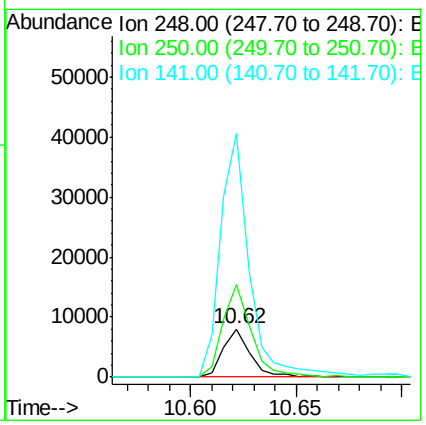


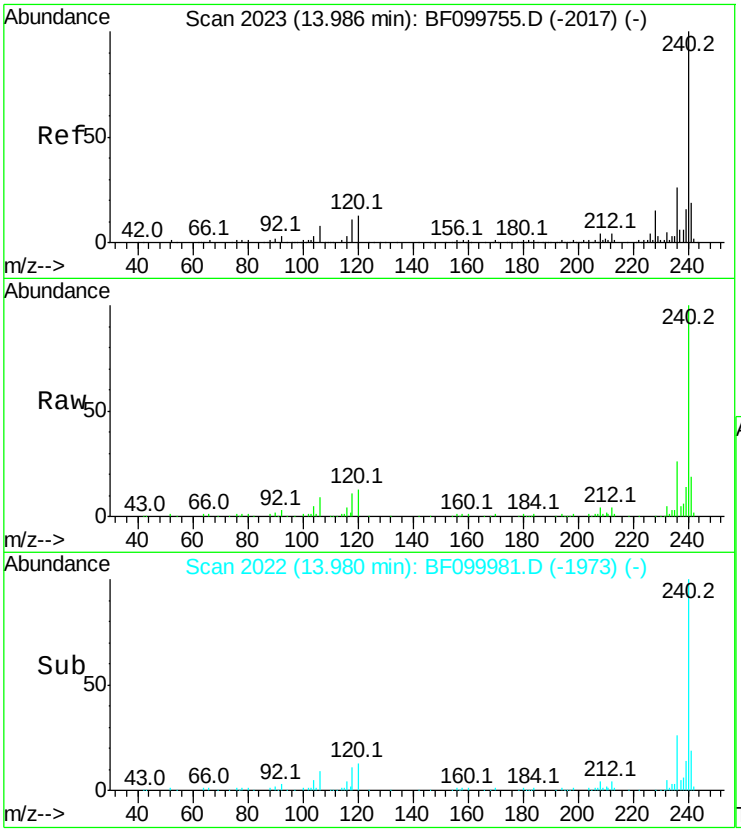


#66
4-Bromophenyl-phenylether
Concen: 2.573 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:248 Resp: 7172

Ion	Ratio	Lower	Upper
248	100		
250	192.7	76.9	115.3#
141	508.9	74.4	111.6#



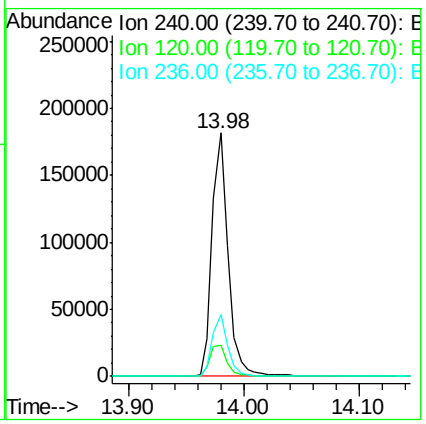


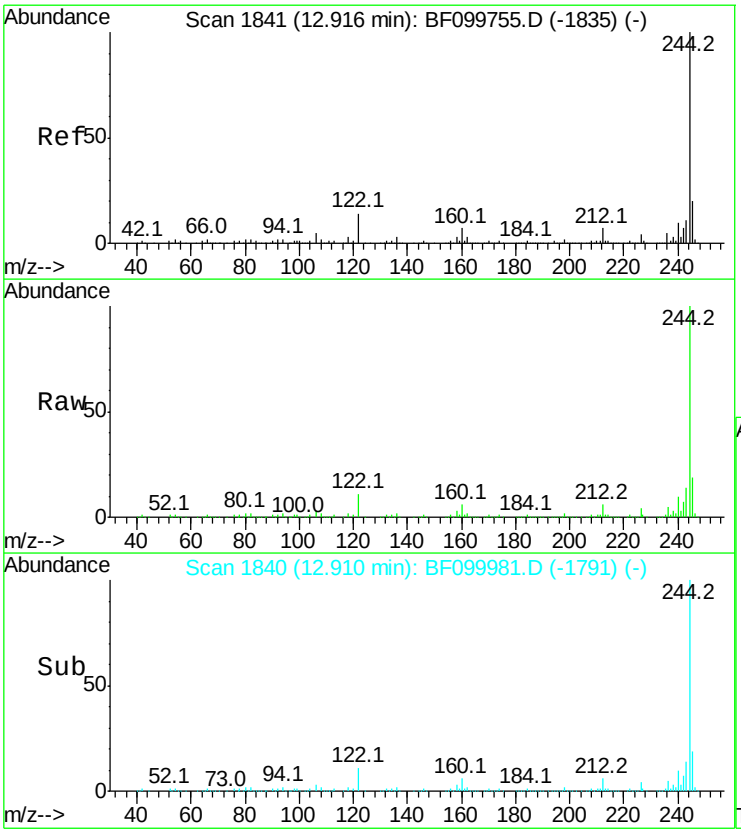
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 175913

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.6	20.7	31.1

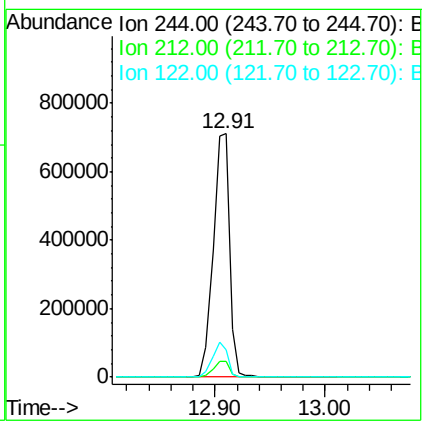


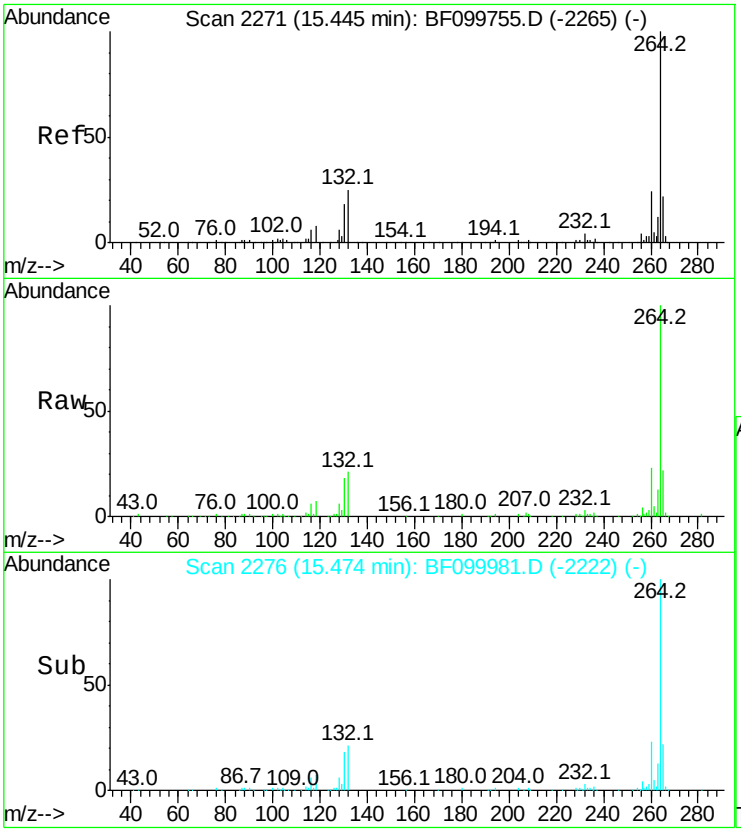


#78
Terphenyl-d14
Concen: 89.973 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:244 Resp: 724243

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 163612

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.2	17.5	26.3