Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
Data File : BF103044.D
Acq On : 16 Feb 2018 11:38
Operator : SJ/JU
Sample : PB106576BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 16 13:37:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173042	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	742862	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	345473	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	611958	20.00	ng	0.00
75) Chrysene-d12	14.04	240	495063	20.00	ng	0.00
86) Perylene-d12	15.53	264	433192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1238955	108.73	ng	0.01
7) Phenol-d6	6.51	99	1478183	107.74	ng	0.00
23) Nitrobenzene-d5	7.44	82	959372	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	305397	109.83	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1560219	74.94	ng	0.00
78) Terphenyl-d14	12.99	244	1478792	70.73	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	126183	13.950	ng	# 79
25) Isophorone	7.44	82	959366	38.906	ng	# 64
32) Benzoic acid	7.89	122	108	8.557	ng	# 52
47) 2-Nitroaniline	9.23	65	2738	3.832	ng	# 1
50) 2,6-Dinitrotoluene	9.91	165	42252	8.245	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	42252	8.829	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	635	9.023	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	19895	3.073	ng	# 1

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

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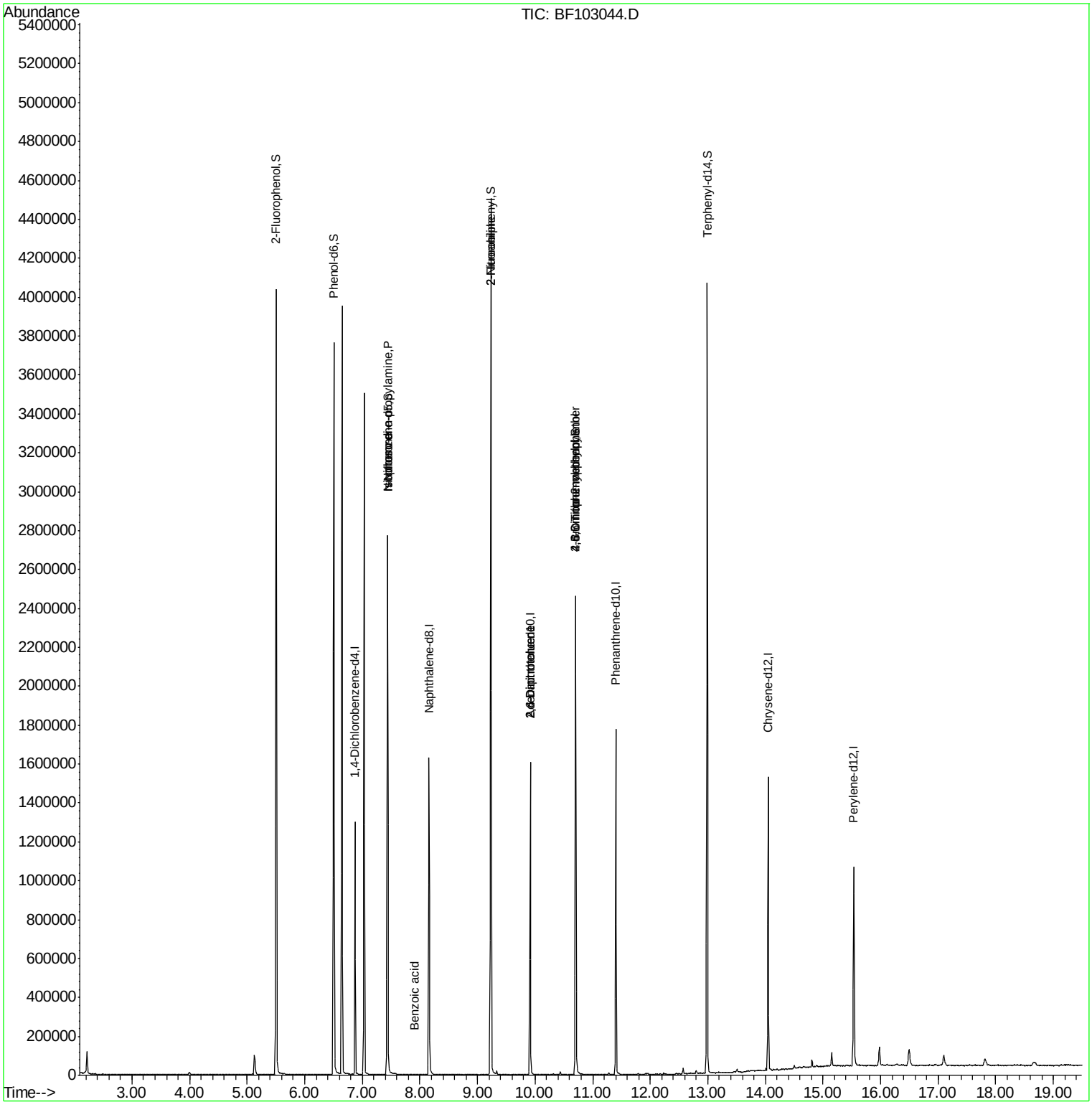
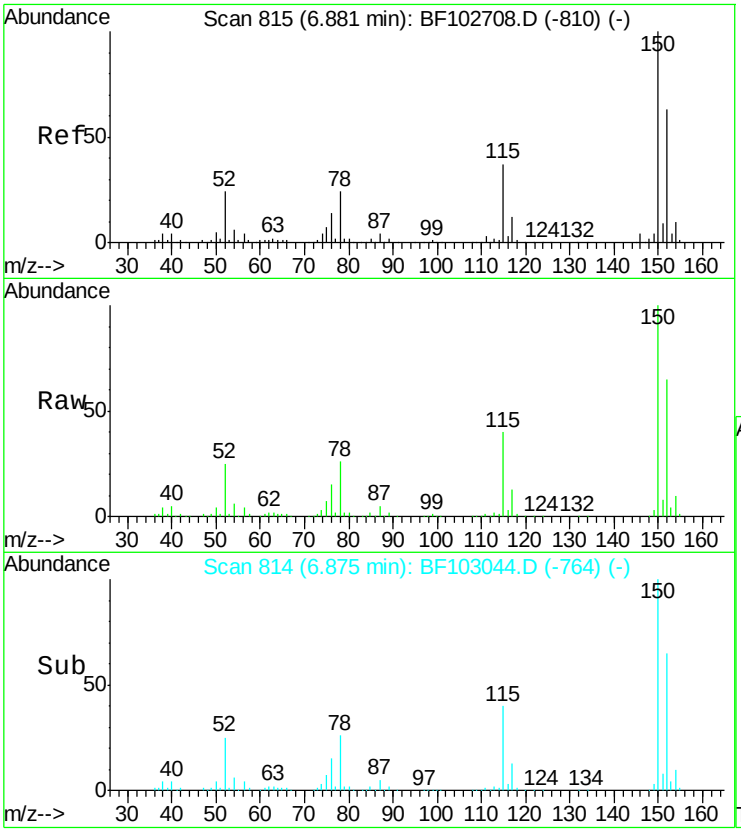


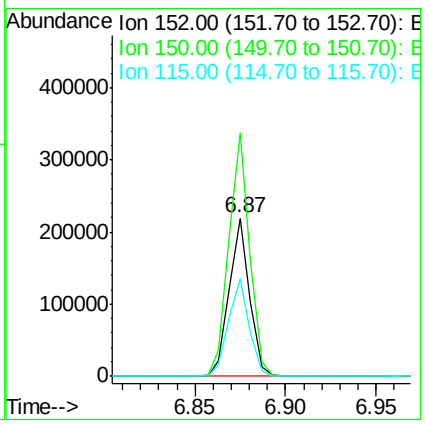


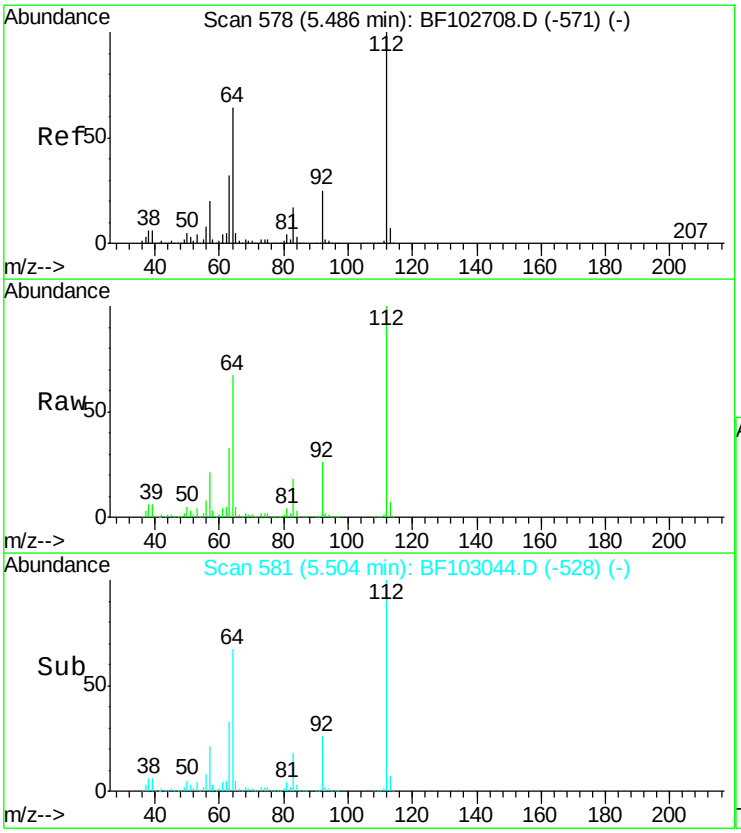
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 173042

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	62.0	50.1	75.1

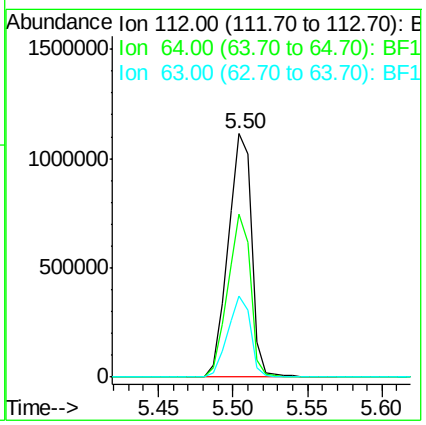


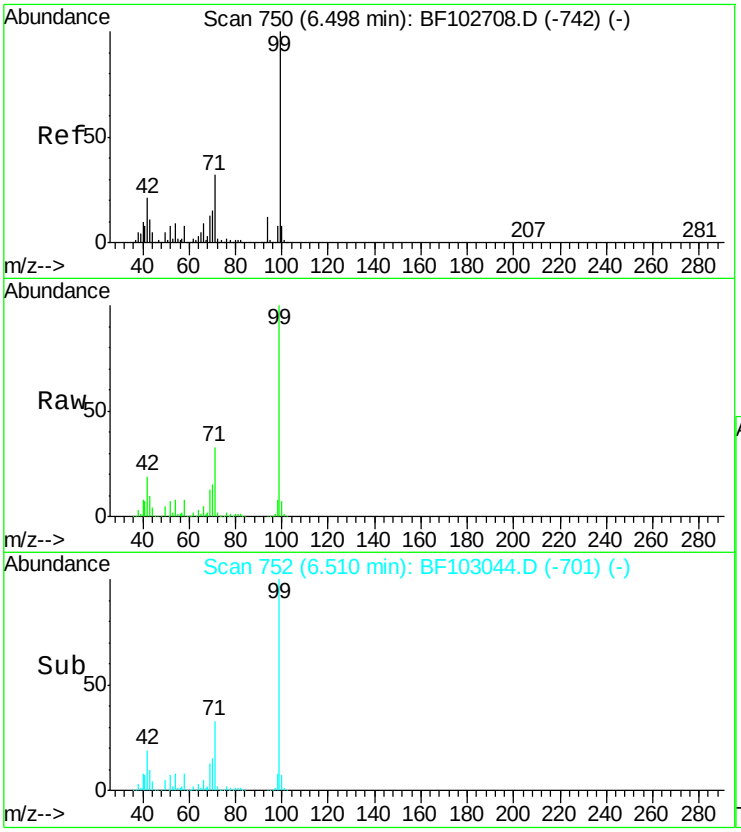


#5
2-Fluorophenol
Concen: 108.734 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:112 Resp: 1238955

Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	33.3	23.7	35.5



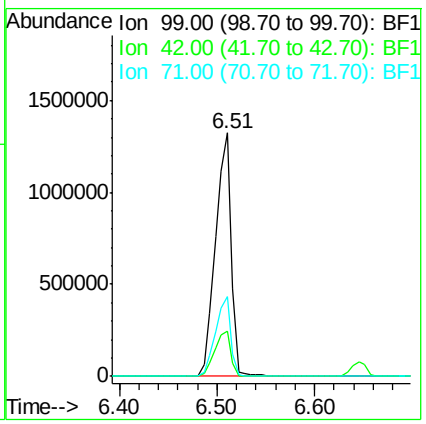


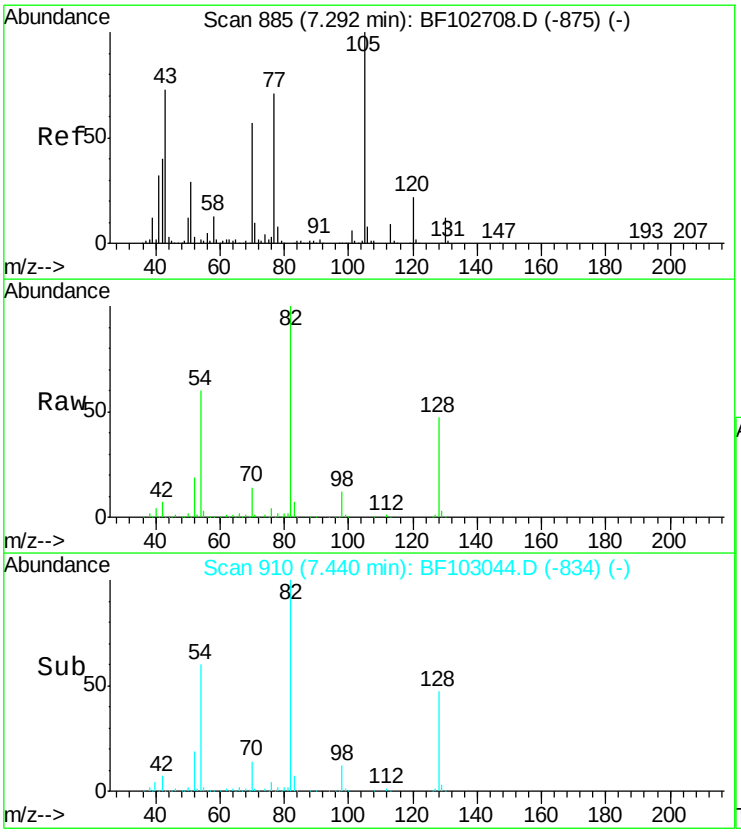
#7
Phenol-d6
Concen: 107.743 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1478183

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.0	25.4	38.0

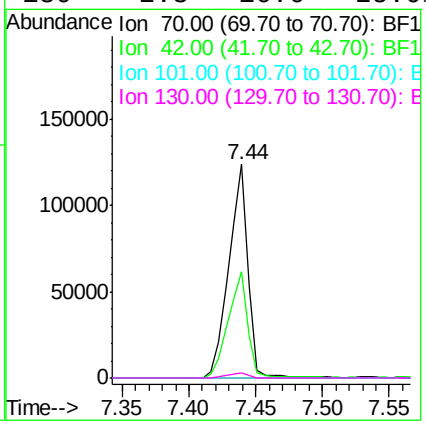


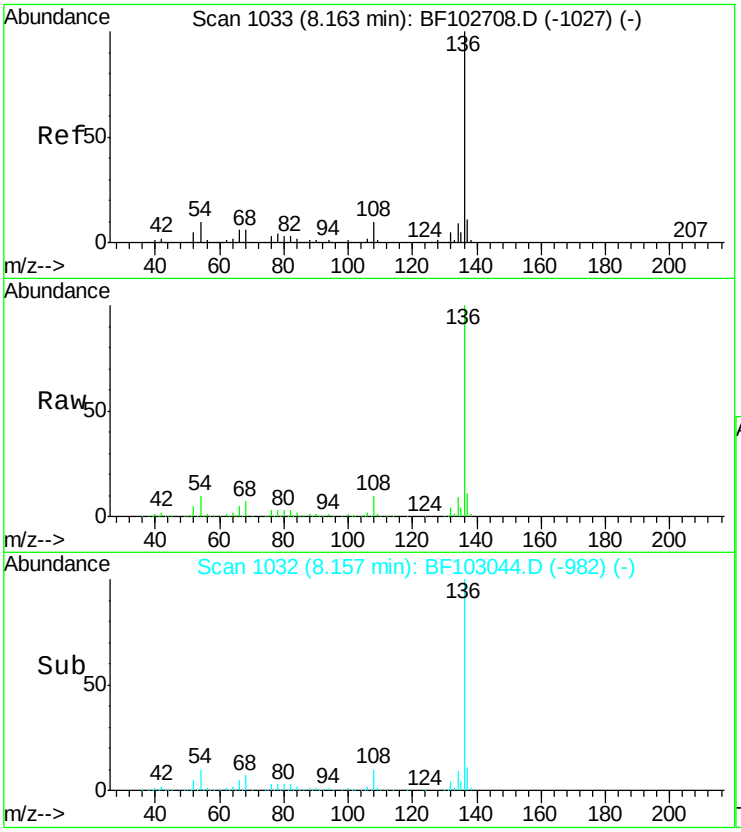


#19
n-Nitroso-di-n-propylamine
Concen: 13.950 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion: 70 Resp: 126183

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



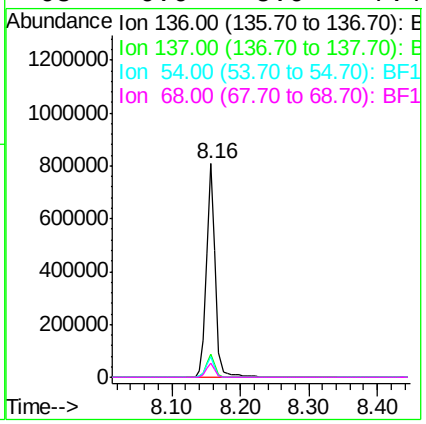


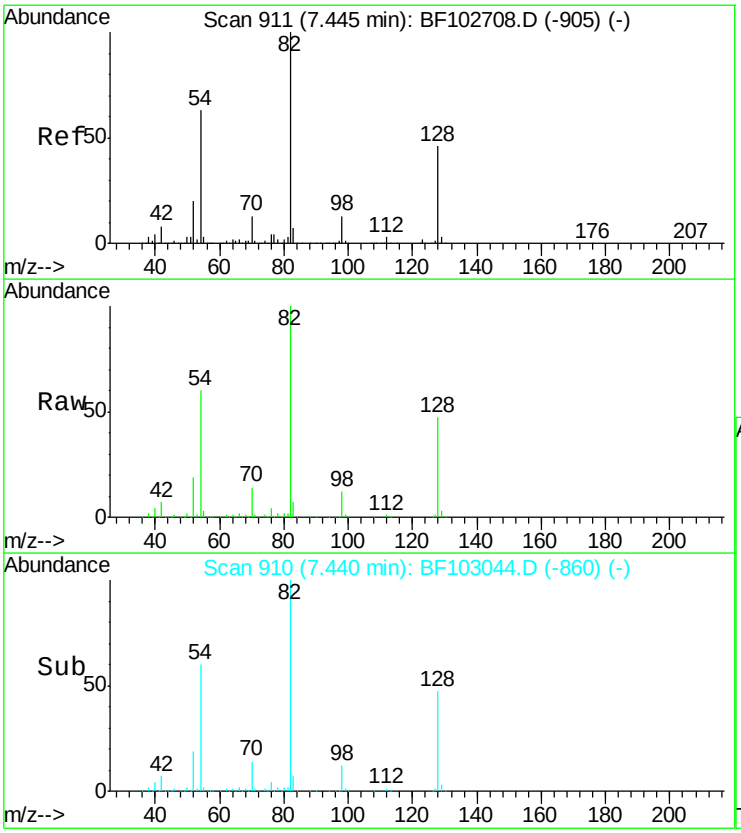
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 742862

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	6.6	5.0	7.4

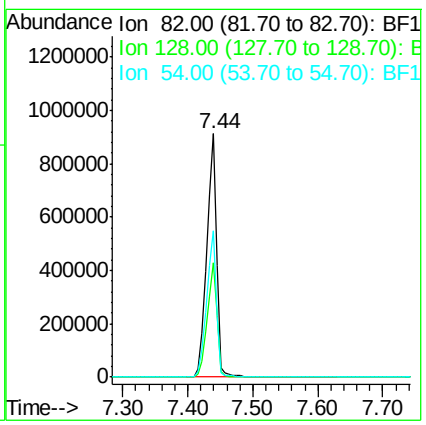


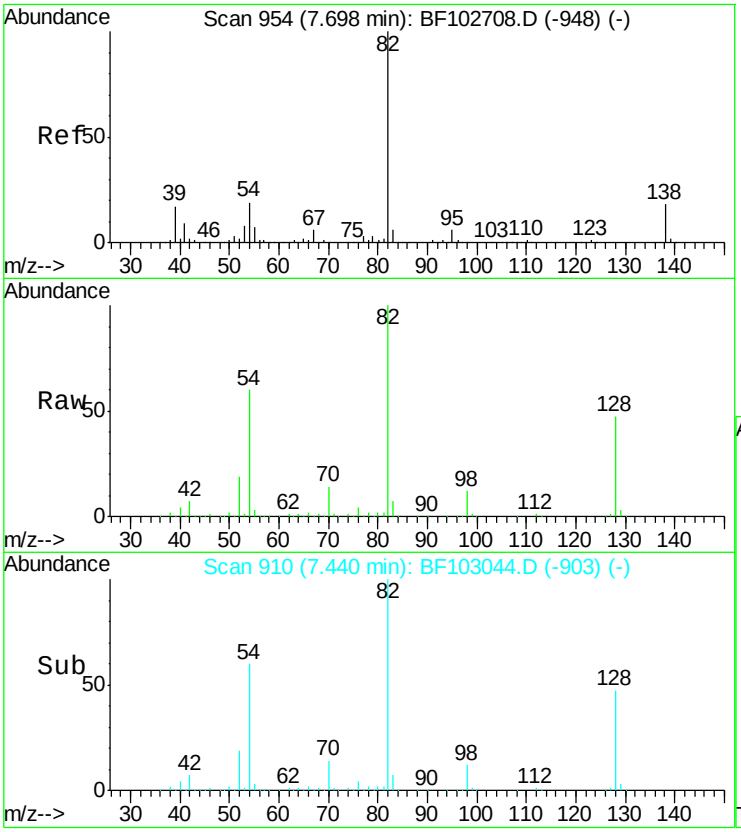


#23
Nitrobenzene-d5
Concen: 89.589 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion: 82 Resp: 959372

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	59.9	41.4	62.2



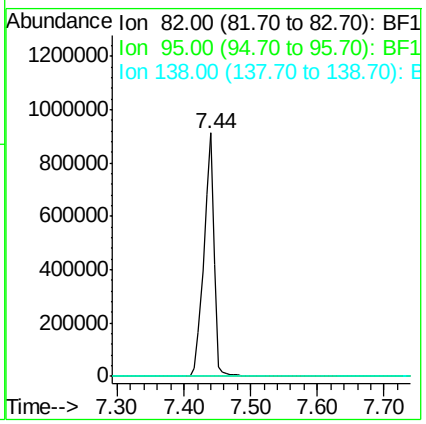


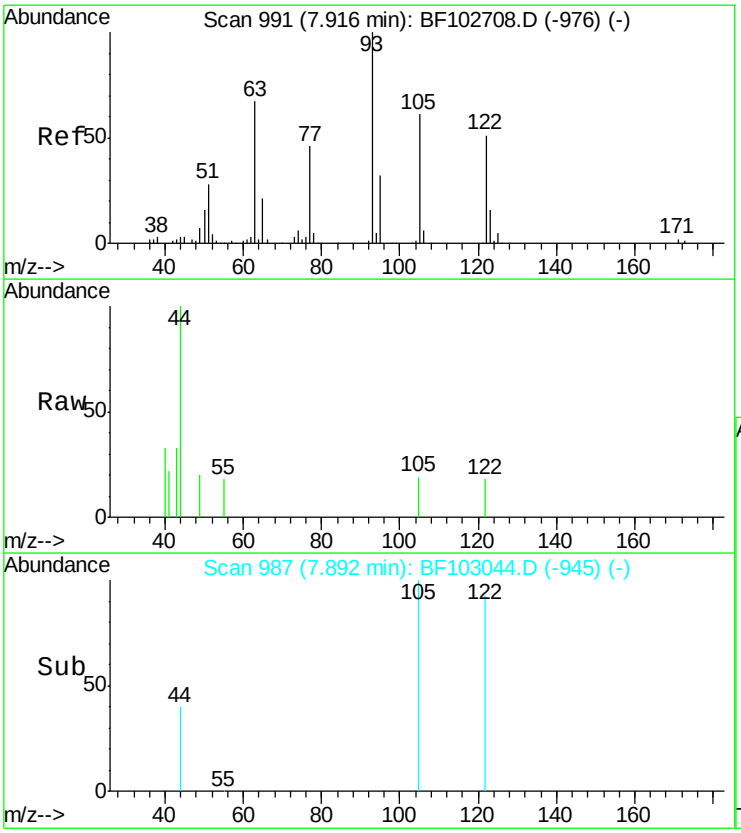
#25
Isophorone
Concen: 38.906 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 959366

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

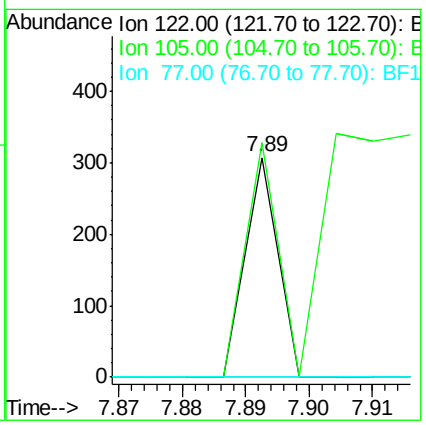


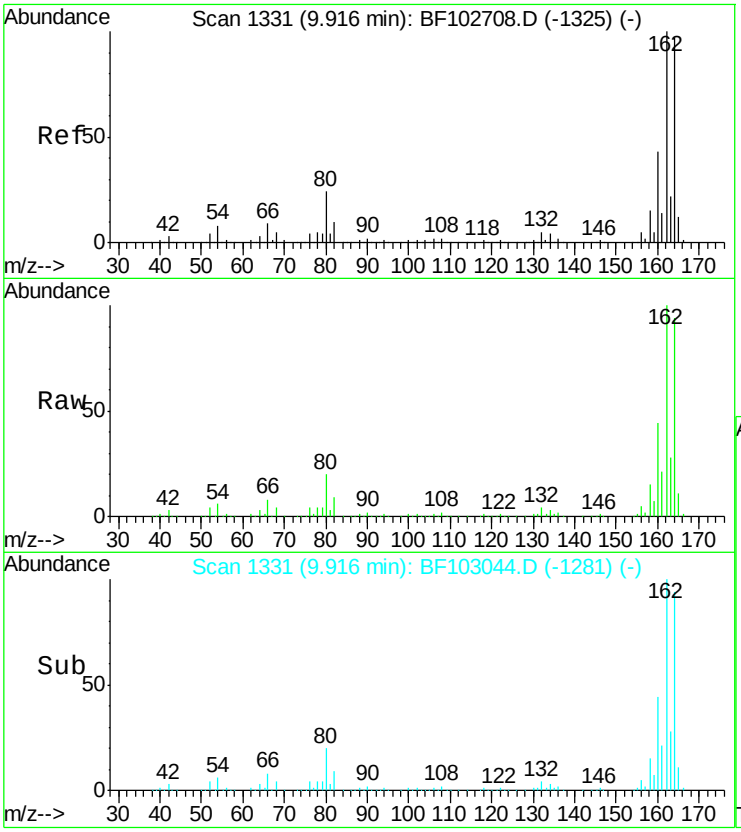


#32
Benzoic acid
Concen: 8.557 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.05 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	107.2	101.1	141.1
77	0.0	70.7	110.7#



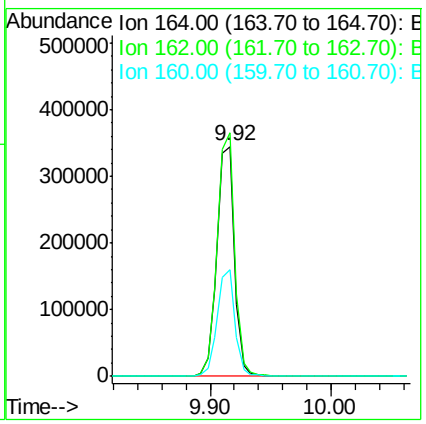


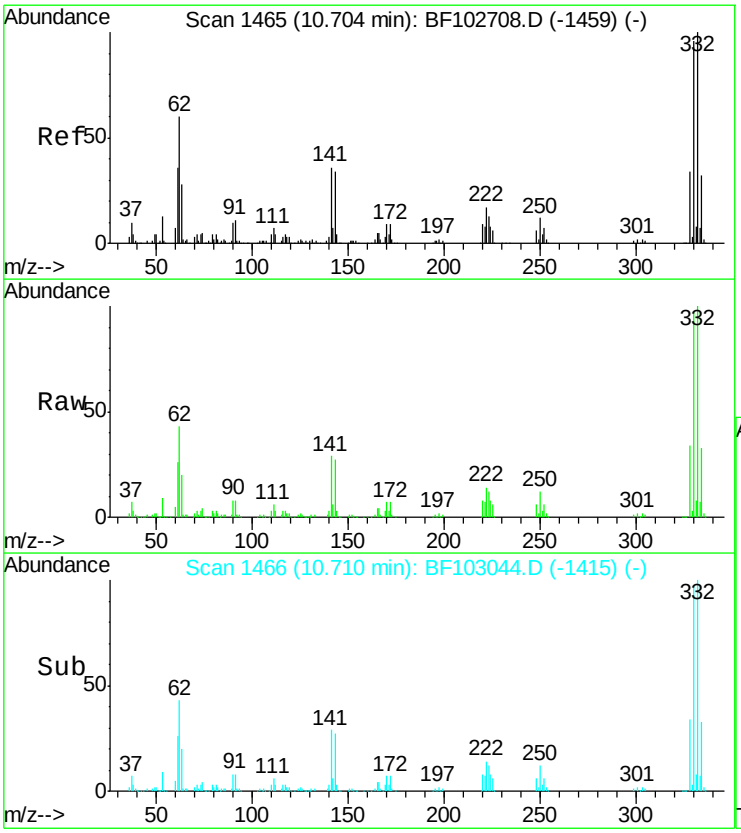
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 345473

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.1	38.3	57.5

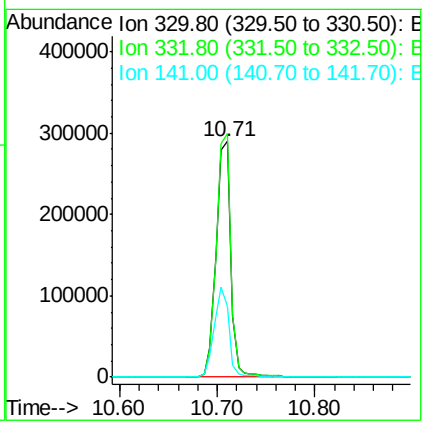


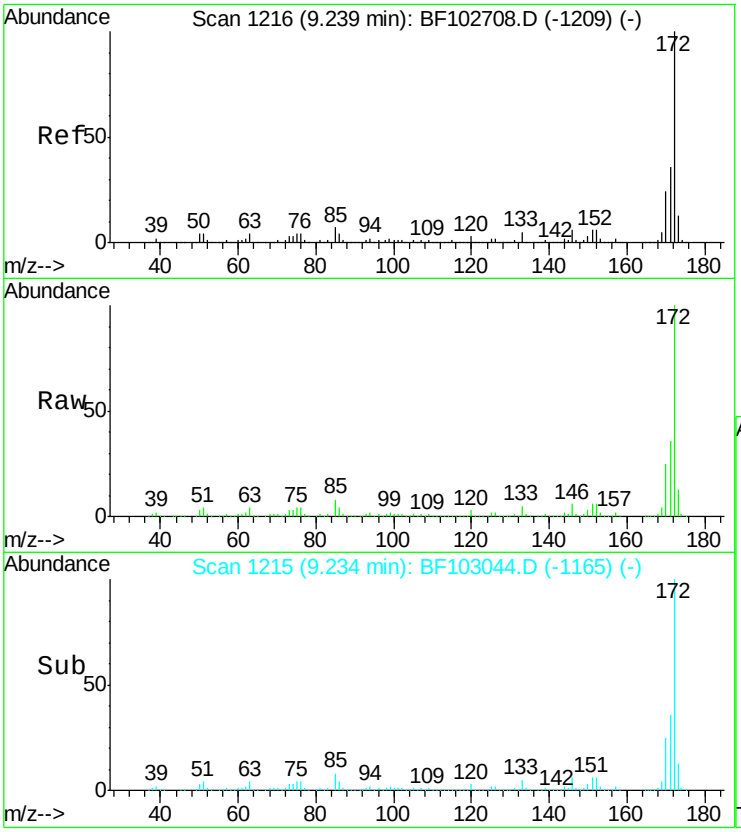


#41
2,4,6-Tribromophenol
Concen: 109.829 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:330 Resp: 305397

Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	38.1	29.9	44.9



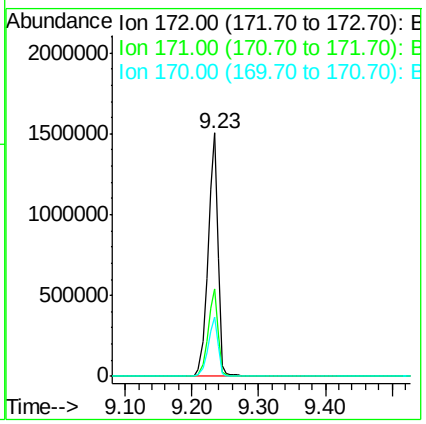


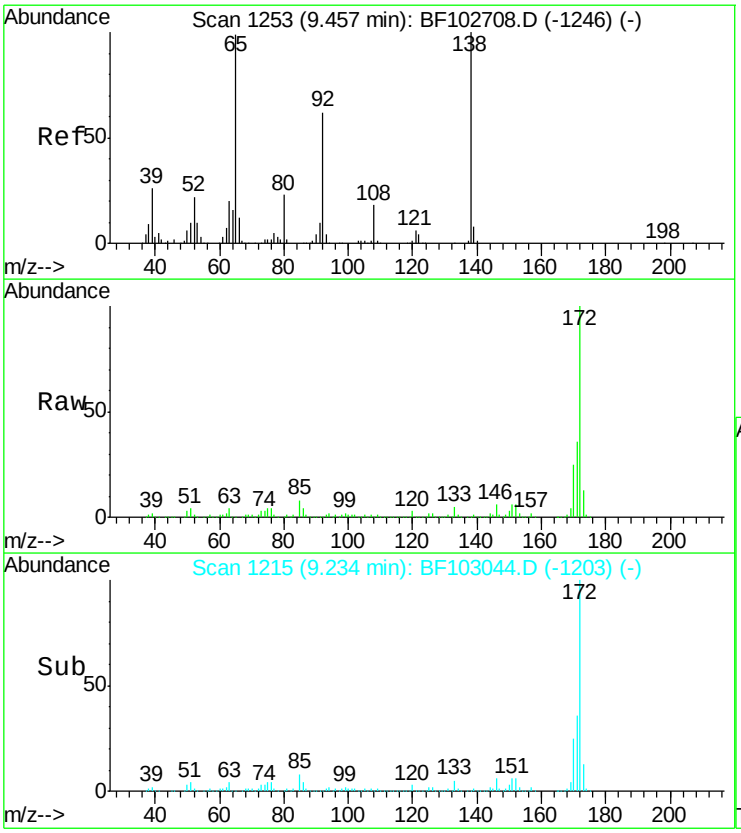
#44
2-Fluorobiphenyl
Concen: 74.940 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1560219

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4

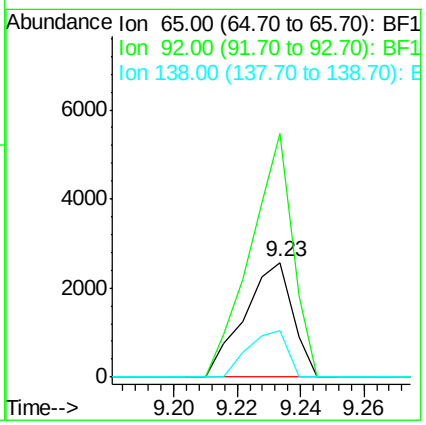


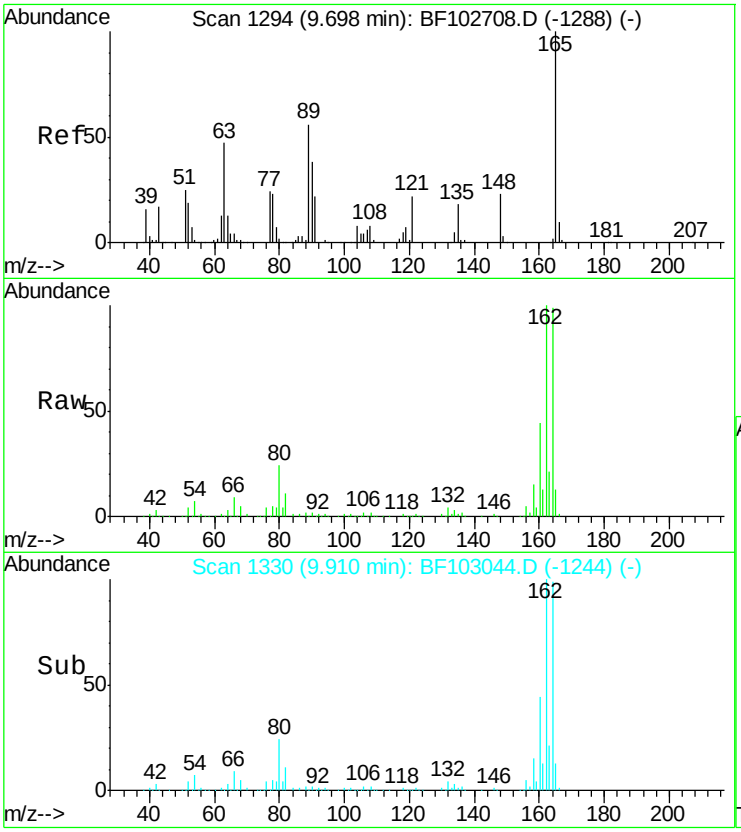


#47
2-Nitroaniline
Concen: 3.832 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.23 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion: 65 Resp: 2738

Ion	Ratio	Lower	Upper
65	100		
92	212.4	55.8	83.6#
138	40.8	91.2	136.8#



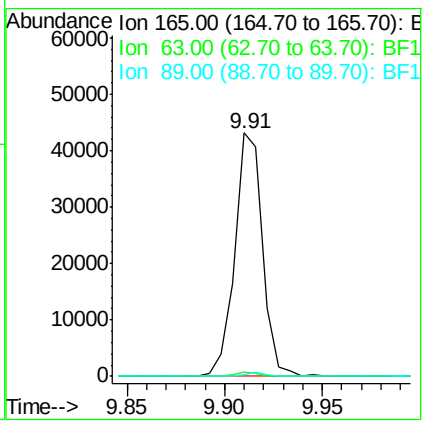


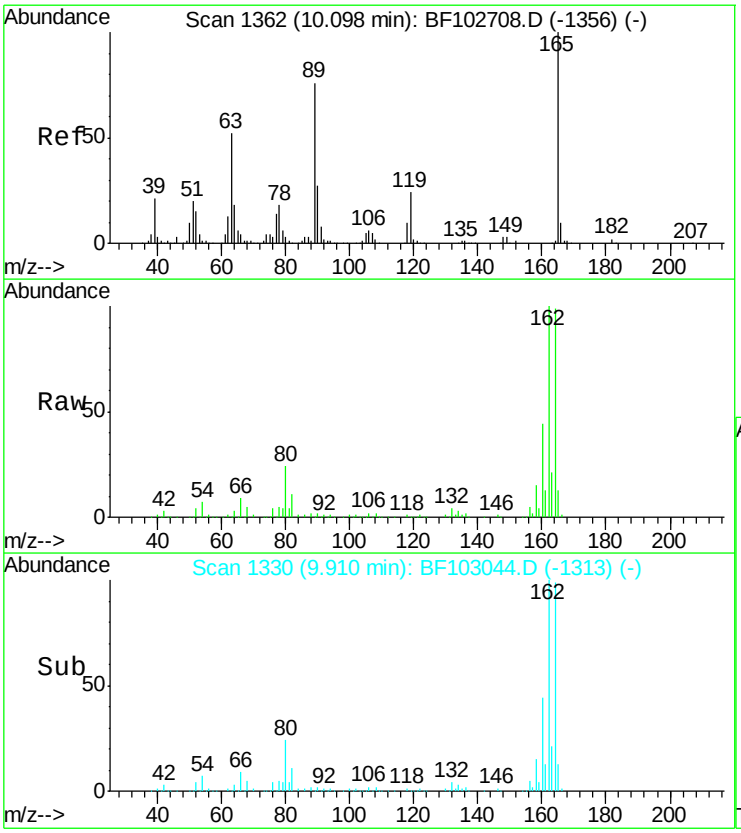
#50
2,6-Dinitrotoluene
Concen: 8.245 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42252

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.8	44.0	66.0#

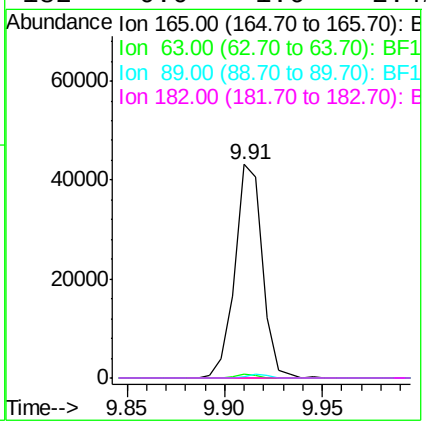


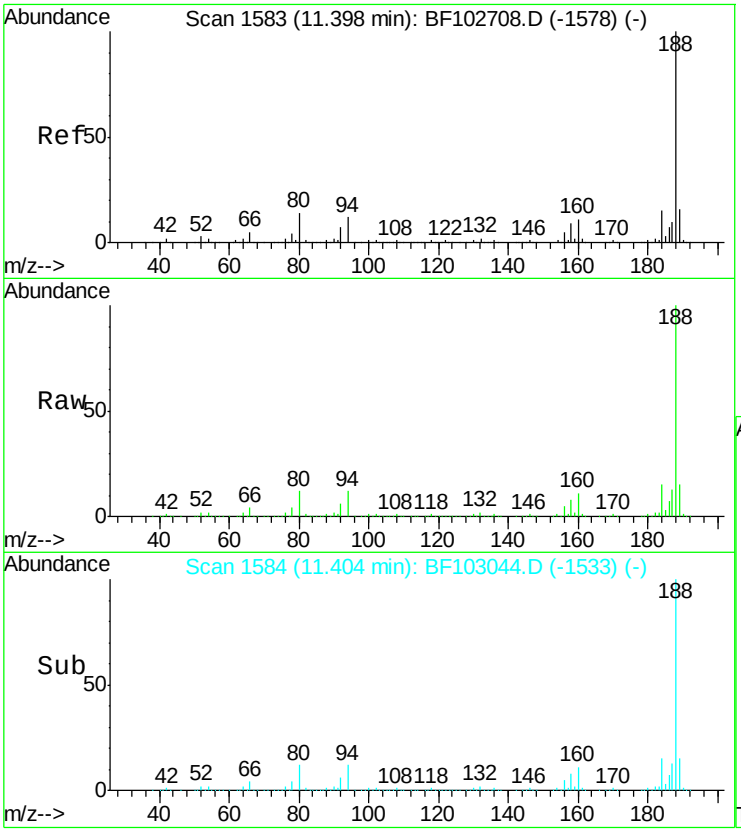


#56
2,4-Dinitrotoluene
Concen: 8.829 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:165 Resp: 42252

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.8	57.8	86.6#
182	0.0	1.6	2.4#



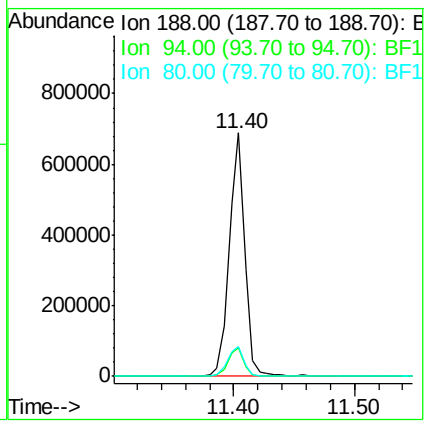


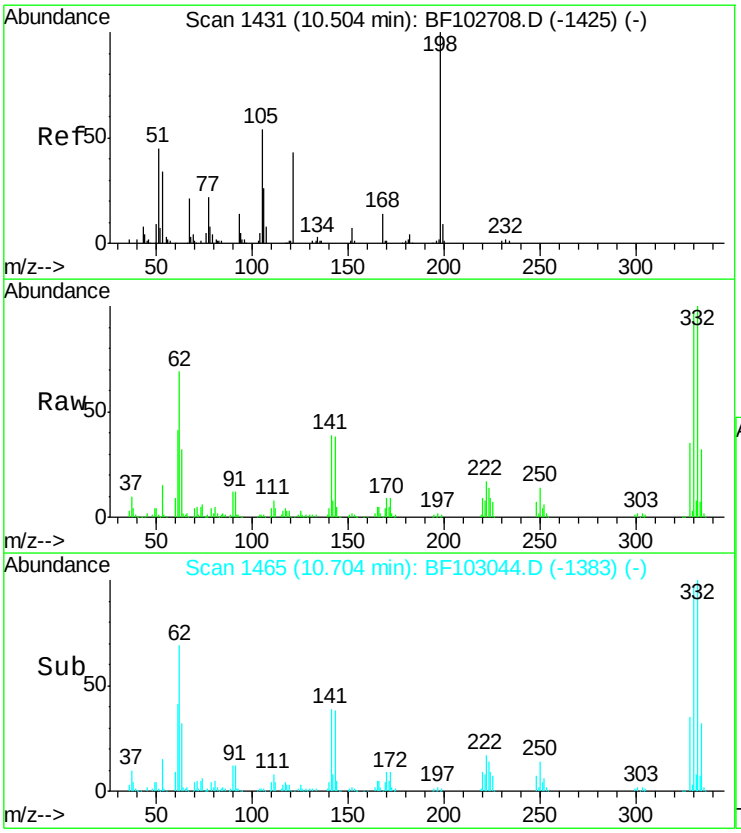
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 611958

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.0	9.2	13.8

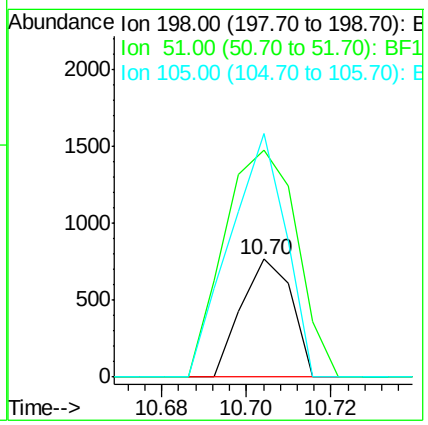


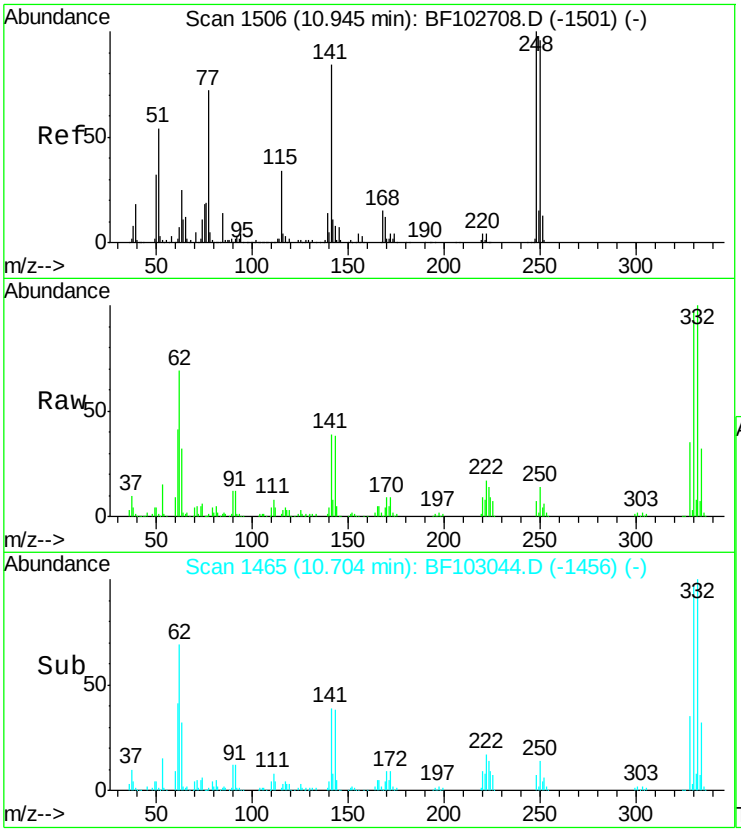


#64
4,6-Dinitro-2-methylphenol
Concen: 9.023 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:198 Resp: 635

Ion	Ratio	Lower	Upper
198	100		
51	193.1	37.7	77.7#
105	207.1	36.3	76.3#



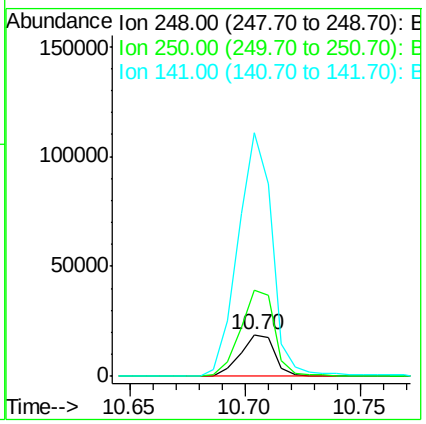


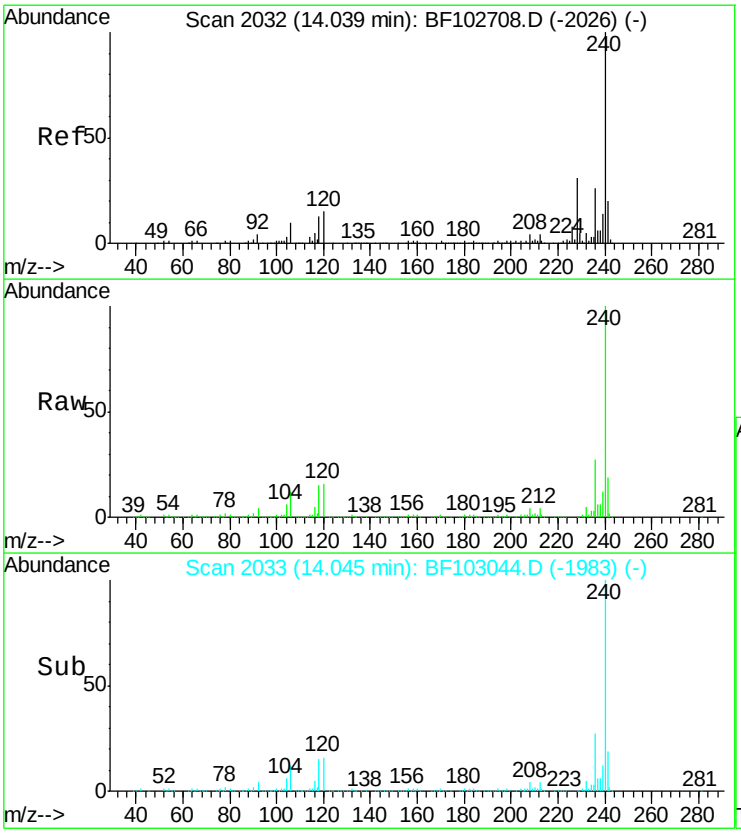
#66
4-Bromophenyl-phenylether
Concen: 3.073 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 19895

Ion	Ratio	Lower	Upper
248	100		
250	208.2	76.9	115.3#
141	586.1	74.4	111.6#

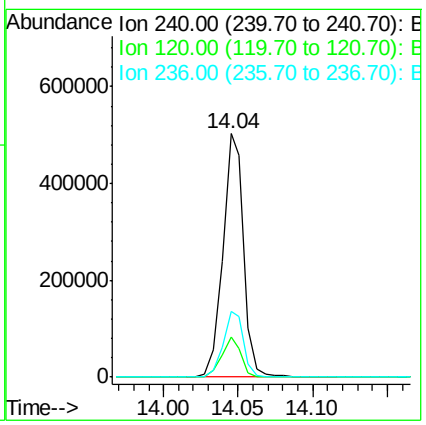


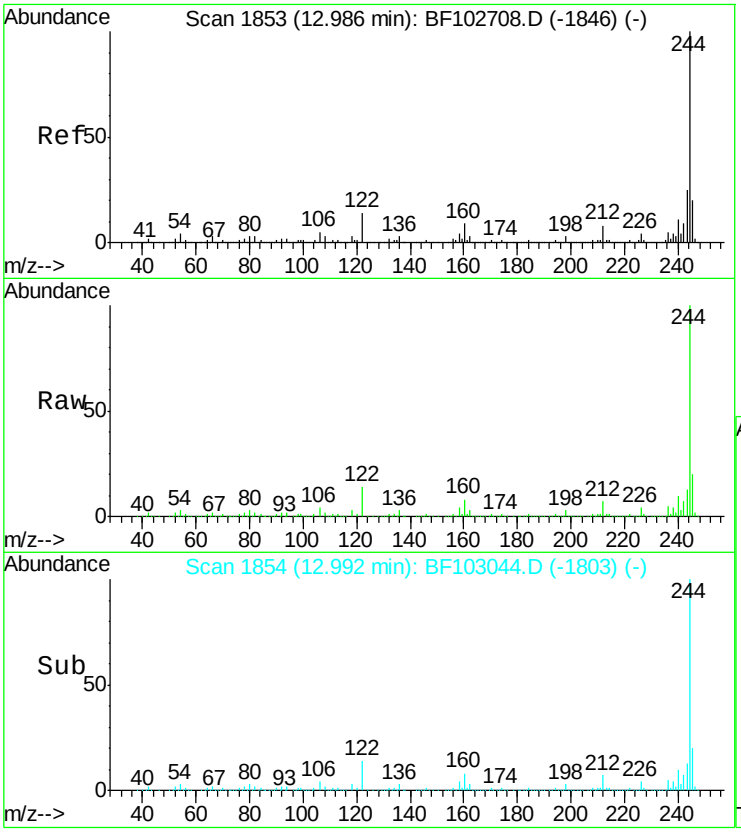


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:240 Resp: 495063

Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	27.1	20.7	31.1



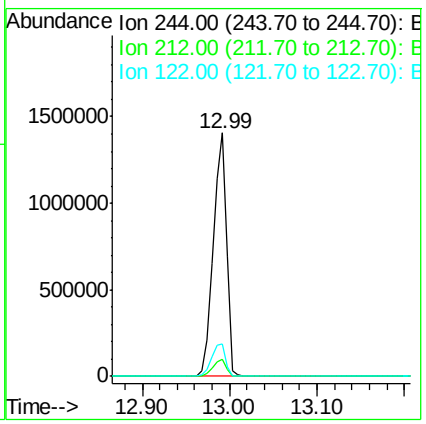


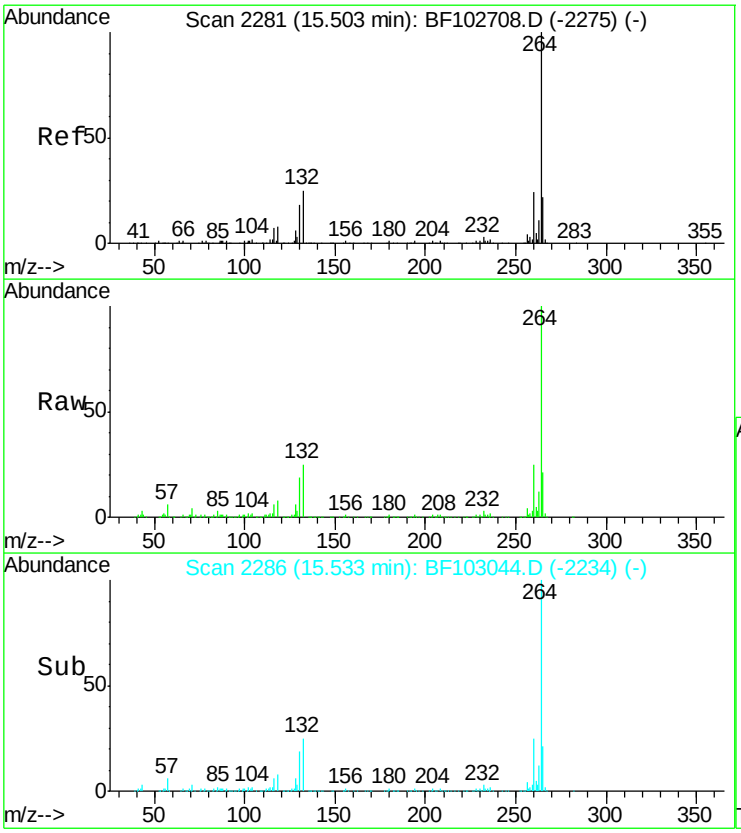
#78
Terphenyl-d14
Concen: 70.727 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1478792

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:264 Resp: 433192

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.3	17.5	26.3