Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103130.D
Acq On : 21 Feb 2018 12:30
Operator : SJ/JU
Sample : PB106699BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 12:58:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161196	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	684782	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	317495	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	571889	20.00	ng	0.00
75) Chrysene-d12	14.04	240	488712	20.00	ng	-0.01
86) Perylene-d12	15.54	264	418477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1221646	115.09	ng	0.01
7) Phenol-d6	6.51	99	1452118	113.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	952943	96.54	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	306928	120.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1509051	78.87	ng	0.00
78) Terphenyl-d14	12.99	244	1475490	71.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	126179	14.974	ng	# 80
25) Isophorone	7.44	82	952939	41.924	ng	# 64
47) 2-Nitroaniline	9.23	65	2875	3.883	ng	# 6
50) 2,6-Dinitrotoluene	9.91	165	41616	8.836	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	41616	9.242	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	675	9.055	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	19486	3.221	ng	# 1

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

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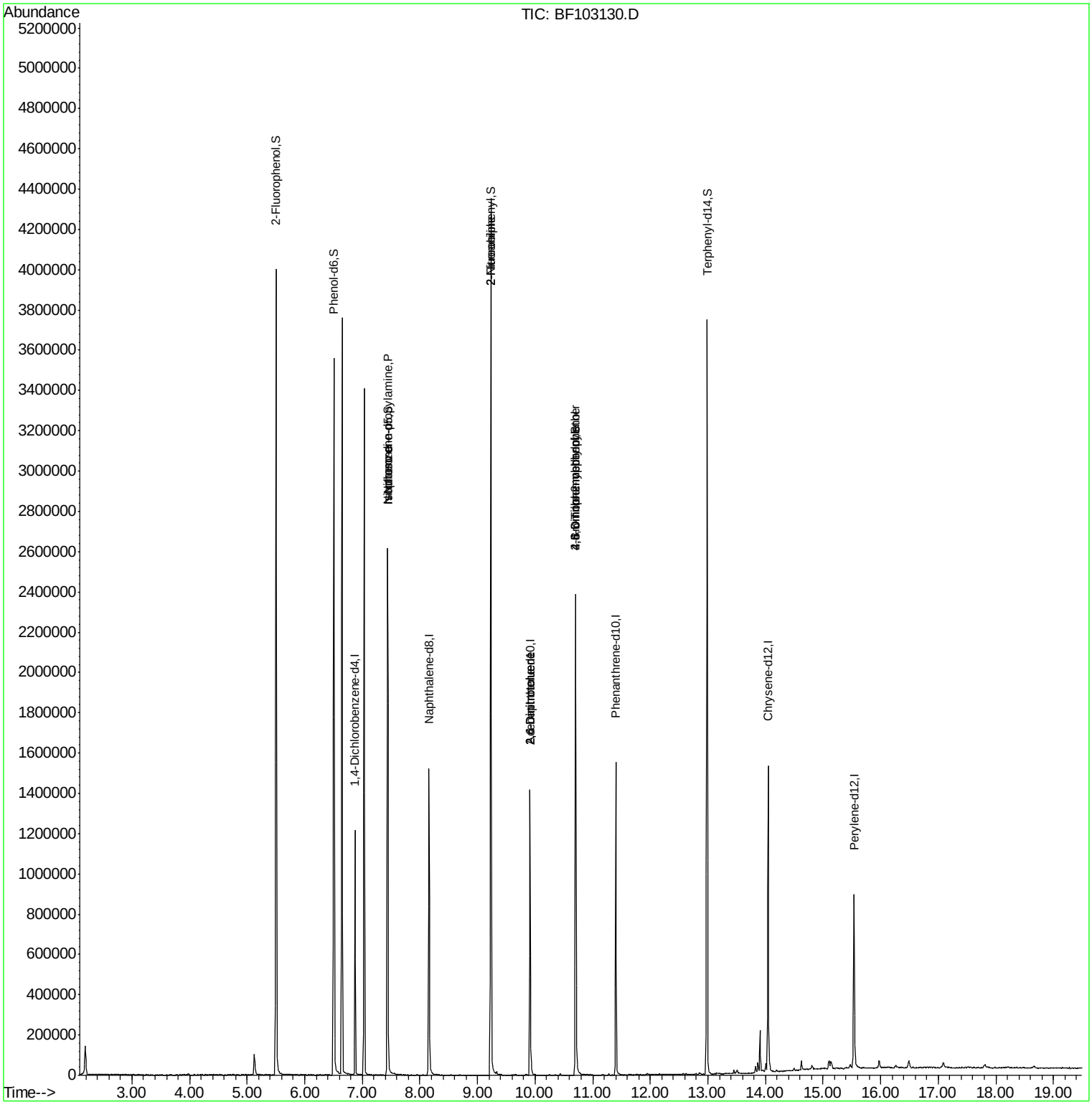
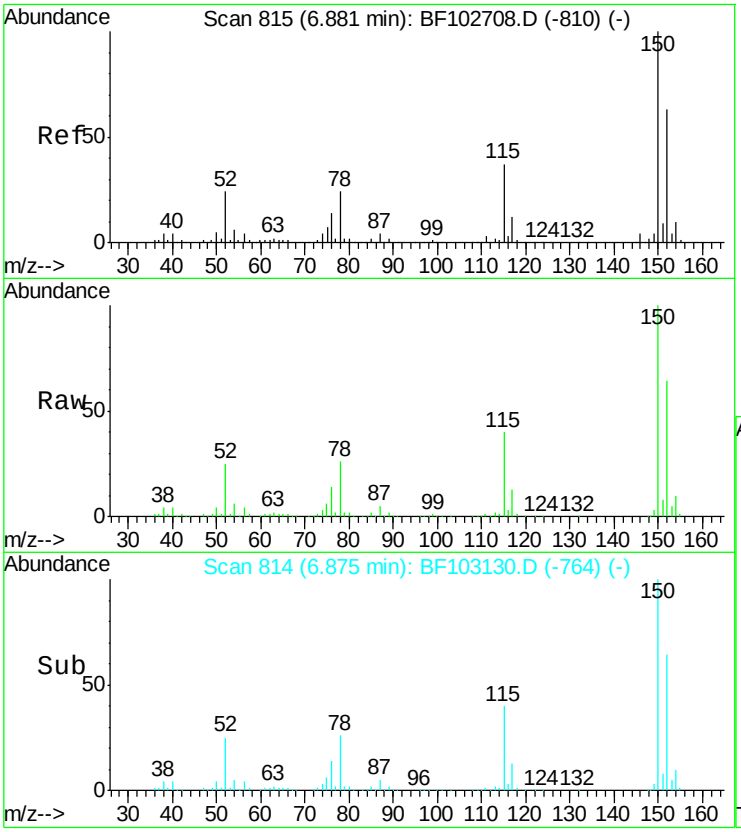


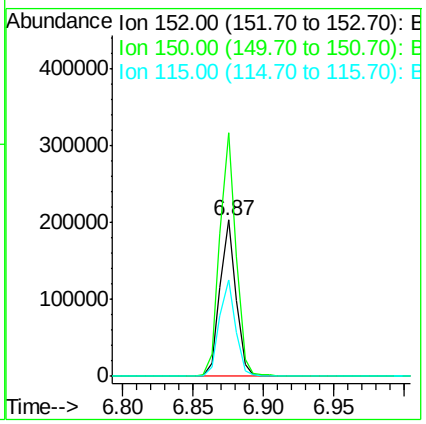


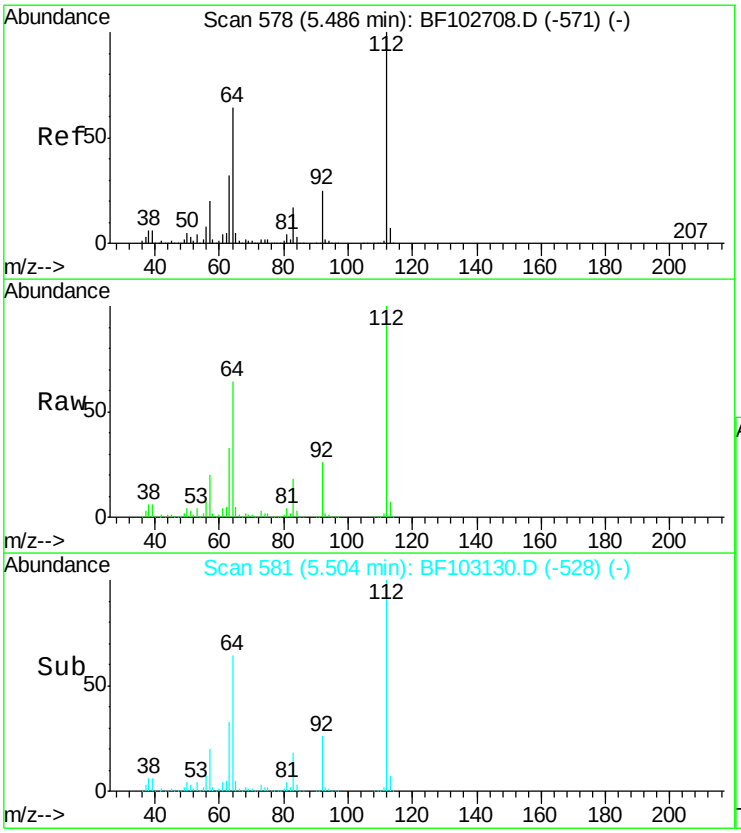
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 161196

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	61.5	50.1	75.1

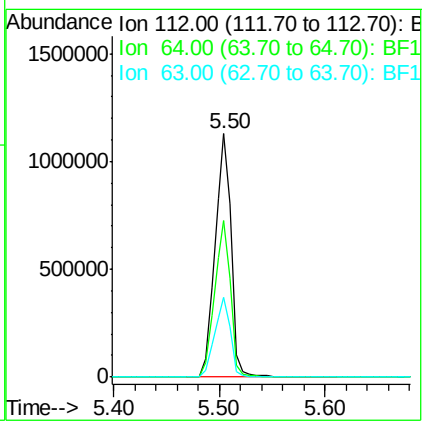


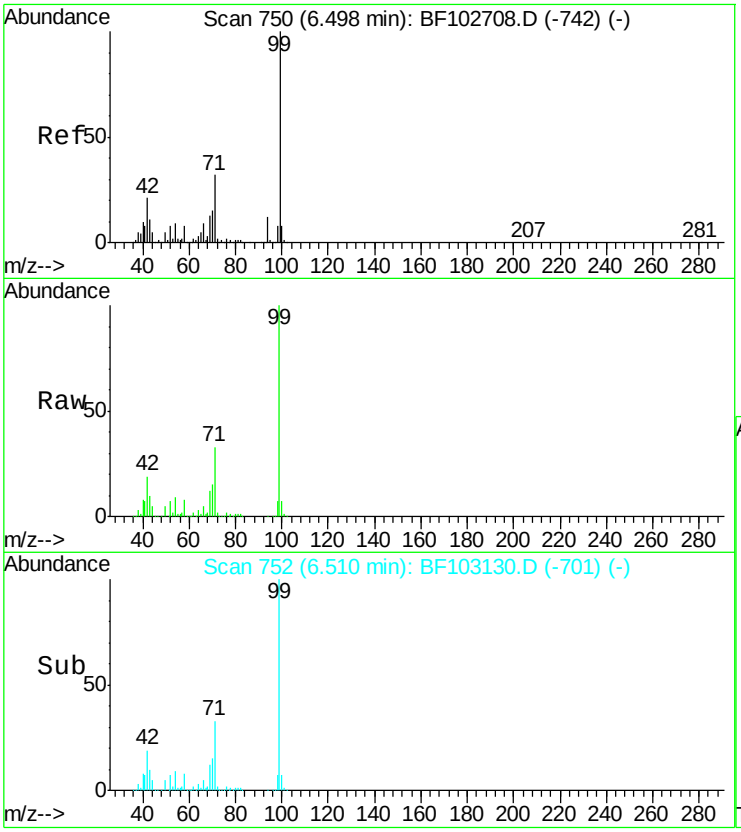


#5
2-Fluorophenol
Concen: 115.094 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:112 Resp: 1221646

Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	32.6	23.7	35.5



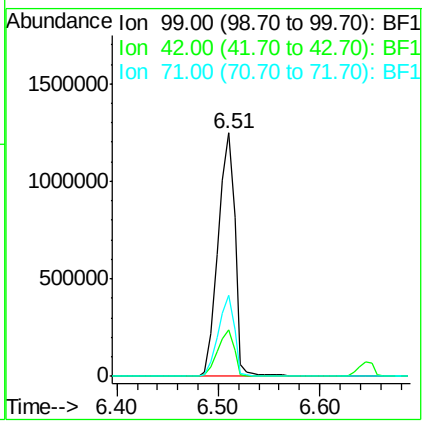


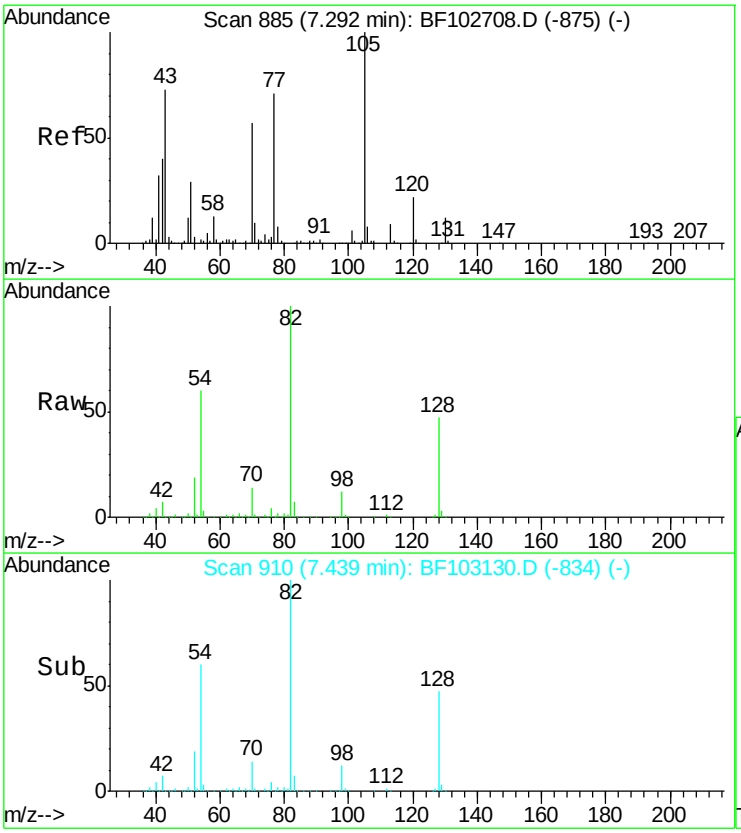
#7
Phenol-d6
Concen: 113.621 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1452118

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.1	25.4	38.0

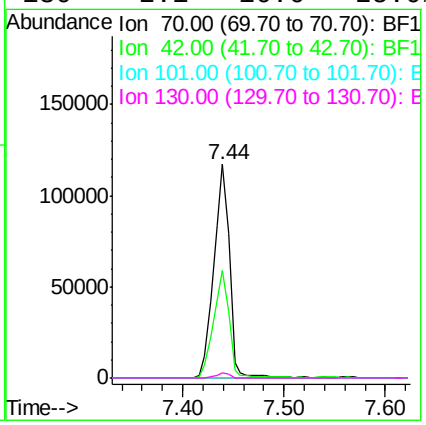


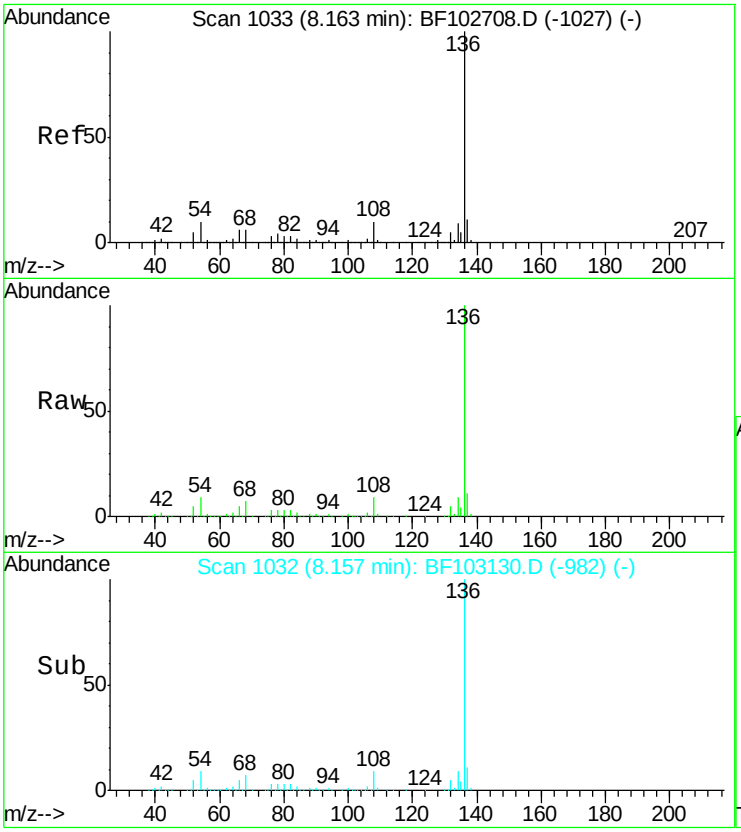


#19
n-Nitroso-di-n-propylamine
Concen: 14.974 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion: 70 Resp: 126179

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



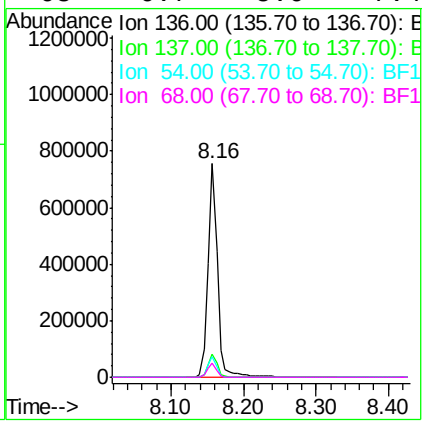


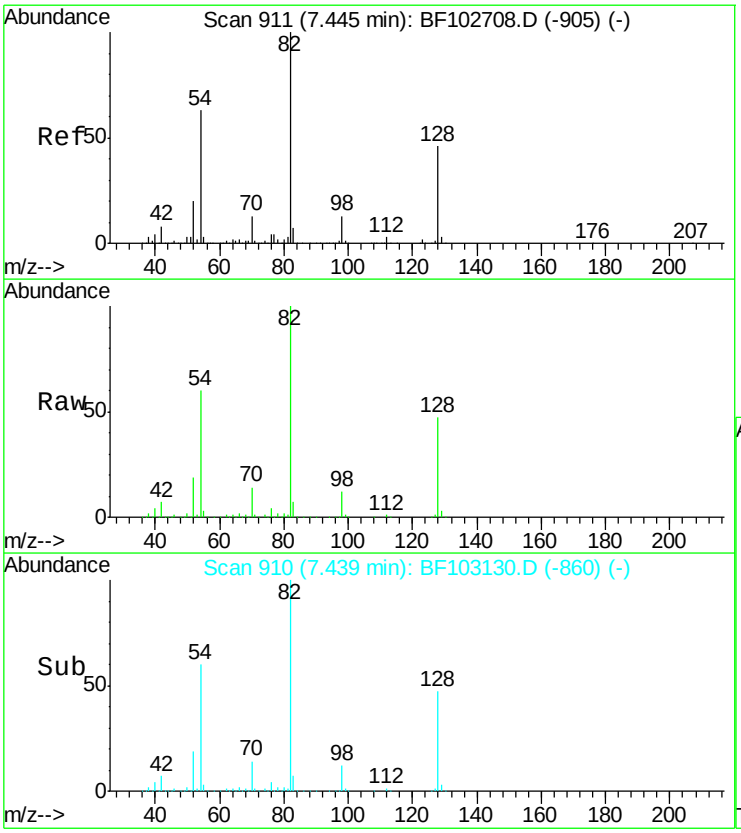
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 684782

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.7	5.0	7.4

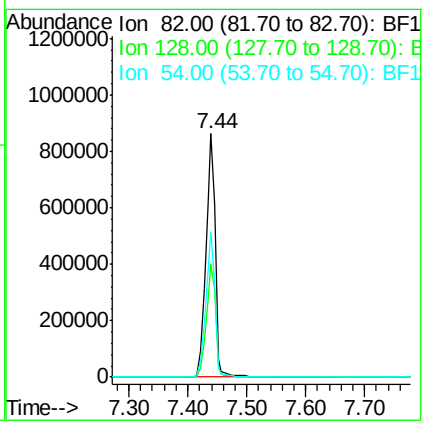


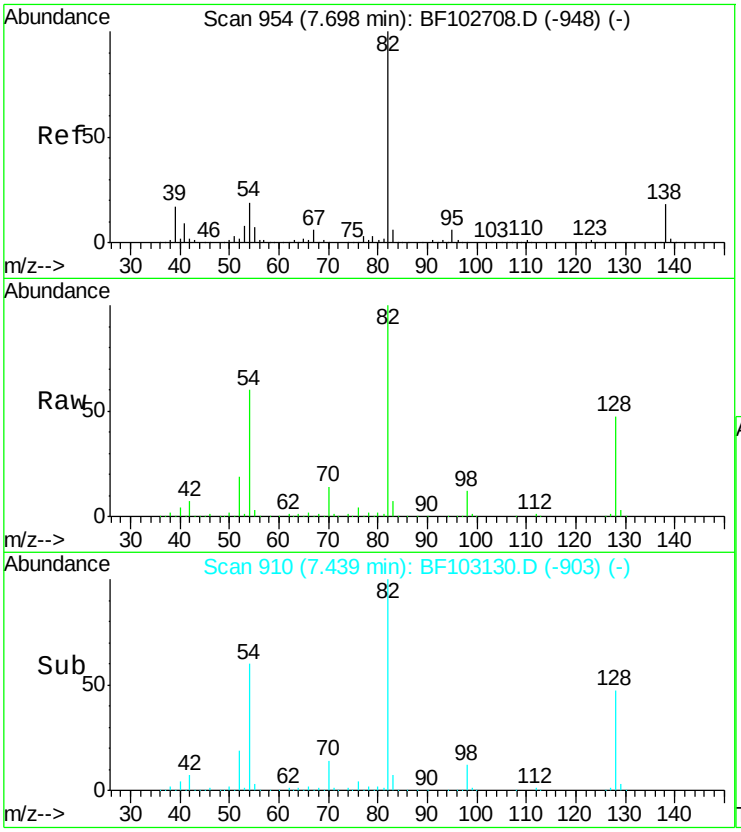


#23
Nitrobenzene-d5
Concen: 96.536 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion: 82 Resp: 952943

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	59.5	41.4	62.2



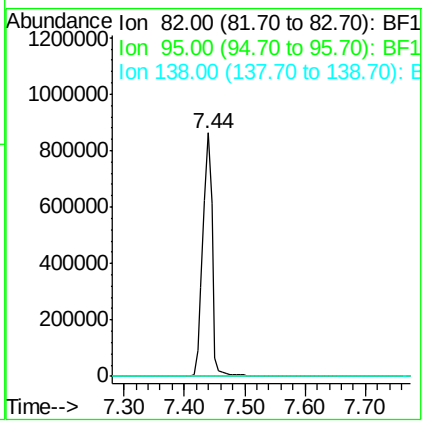


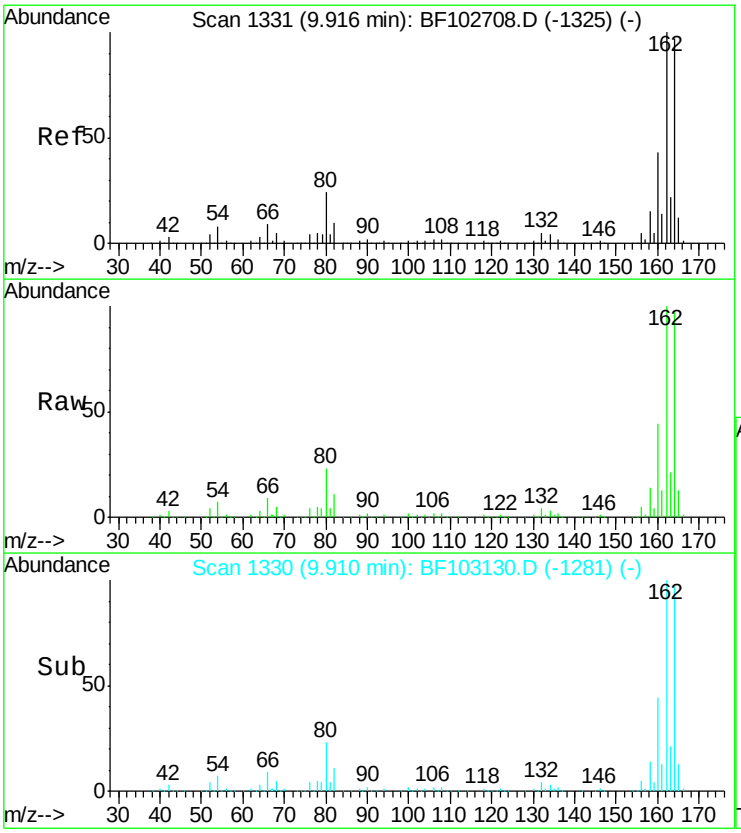
#25
Isophorone
Concen: 41.924 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 952939

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

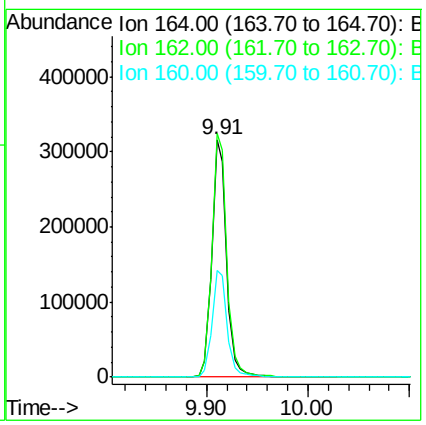


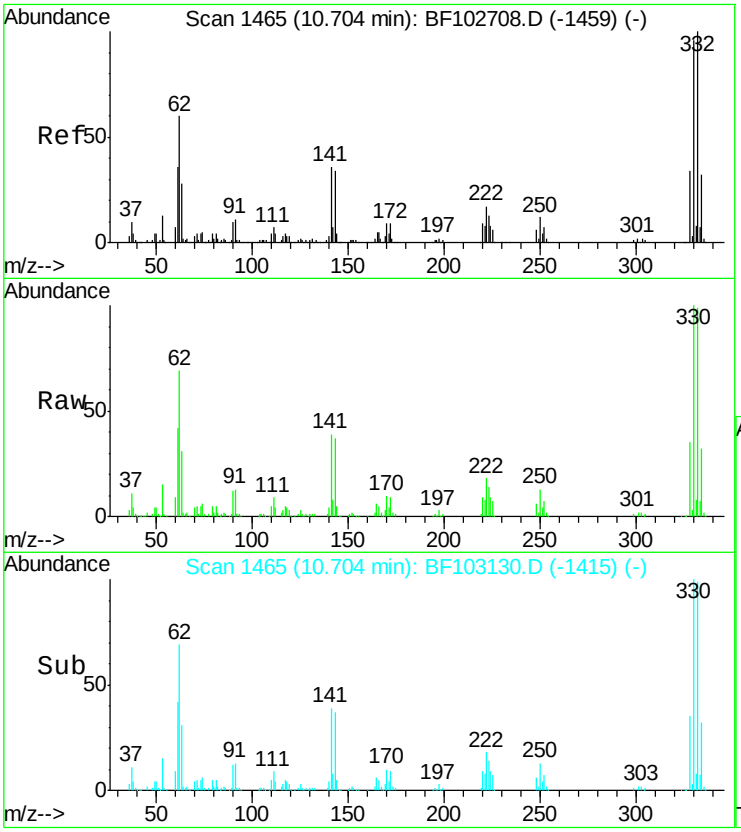


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:164 Resp: 317495

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	44.7	38.3	57.5



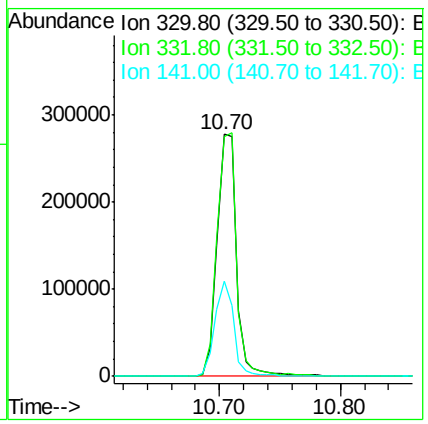


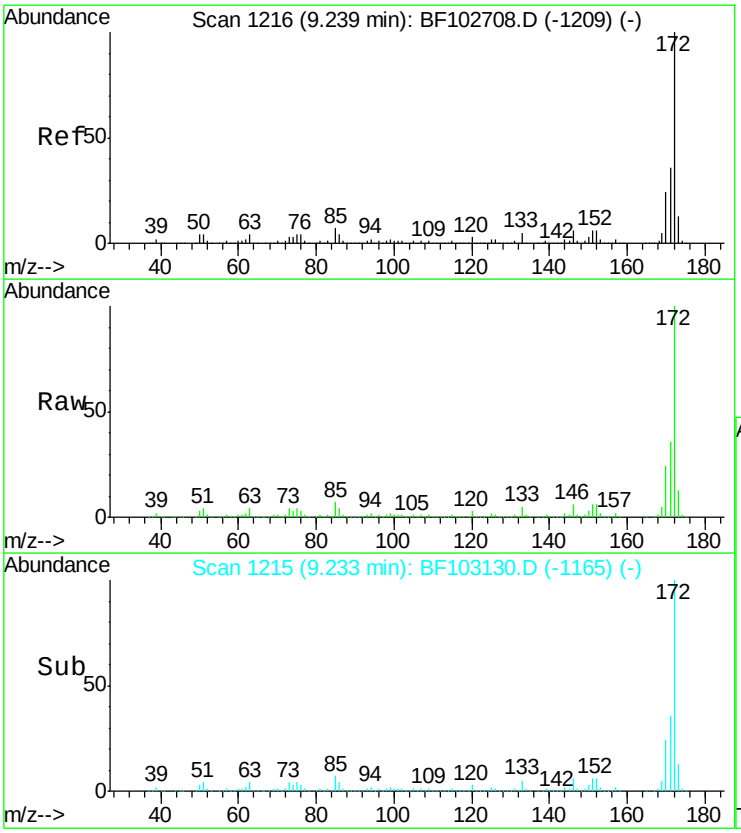
#41
2,4,6-Tribromophenol
Concen: 120.107 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 306928

Ion	Ratio	Lower	Upper
330	100		
332	101.5	77.0	115.6
141	38.5	29.9	44.9

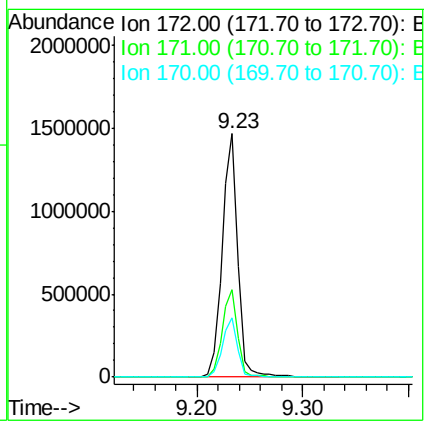


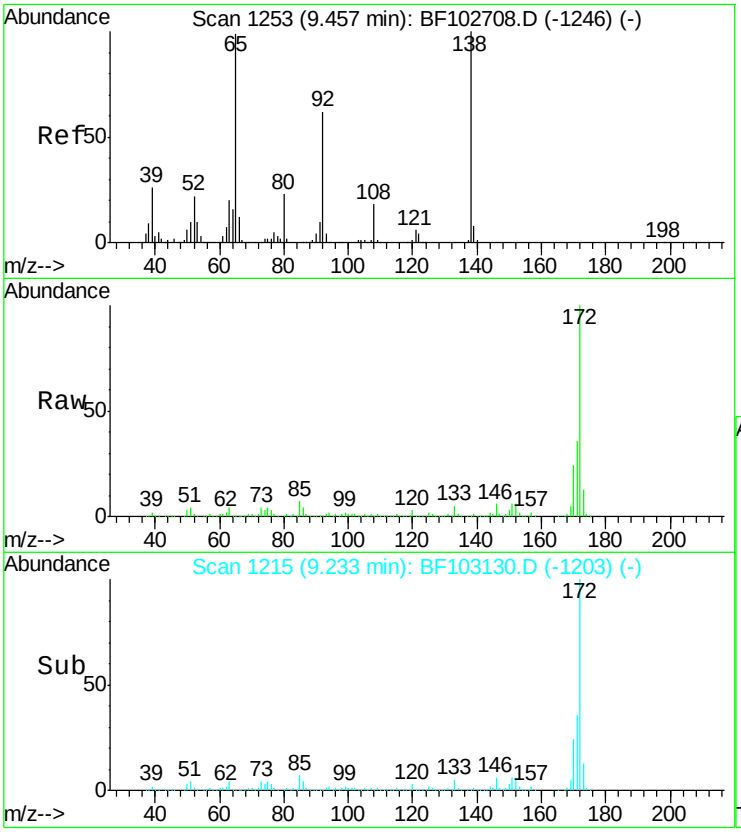


#44
2-Fluorobiphenyl
Concen: 78.869 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:172 Resp: 1509051

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.3	19.6	29.4



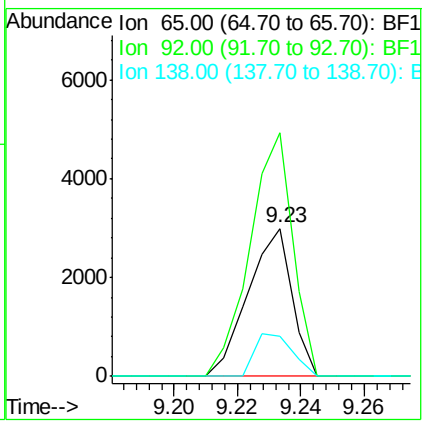


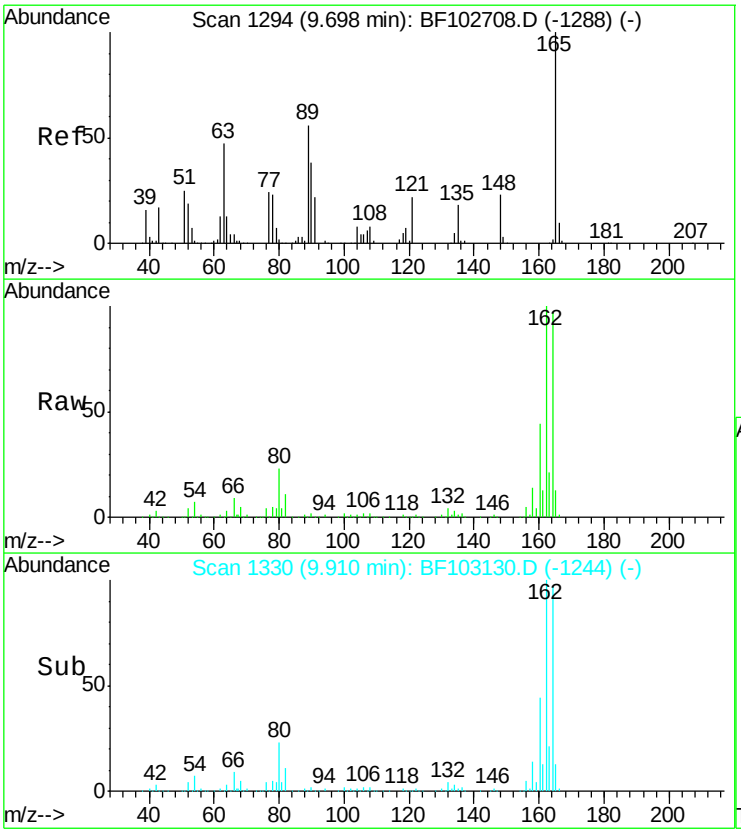
#47
2-Nitroaniline
Concen: 3.883 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.23 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2875

Ion	Ratio	Lower	Upper
65	100		
92	164.3	55.8	83.6#
138	27.4	91.2	136.8#

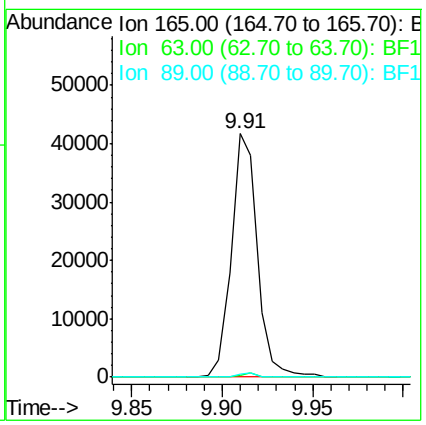


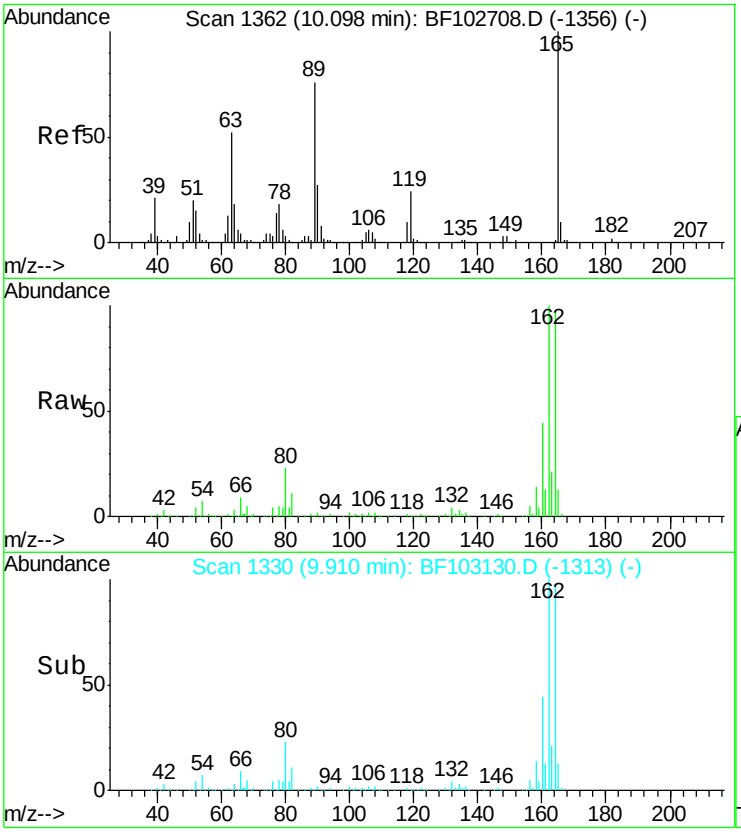


#50
2,6-Dinitrotoluene
Concen: 8.836 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:165 Resp: 41616

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.3	44.0	66.0#



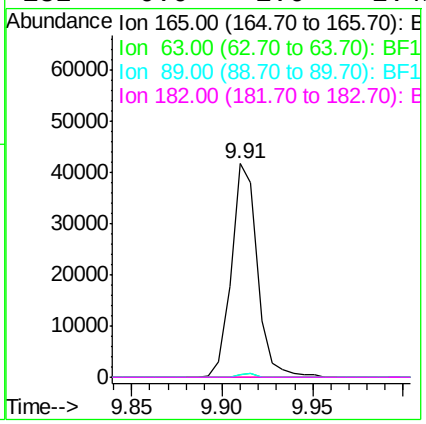


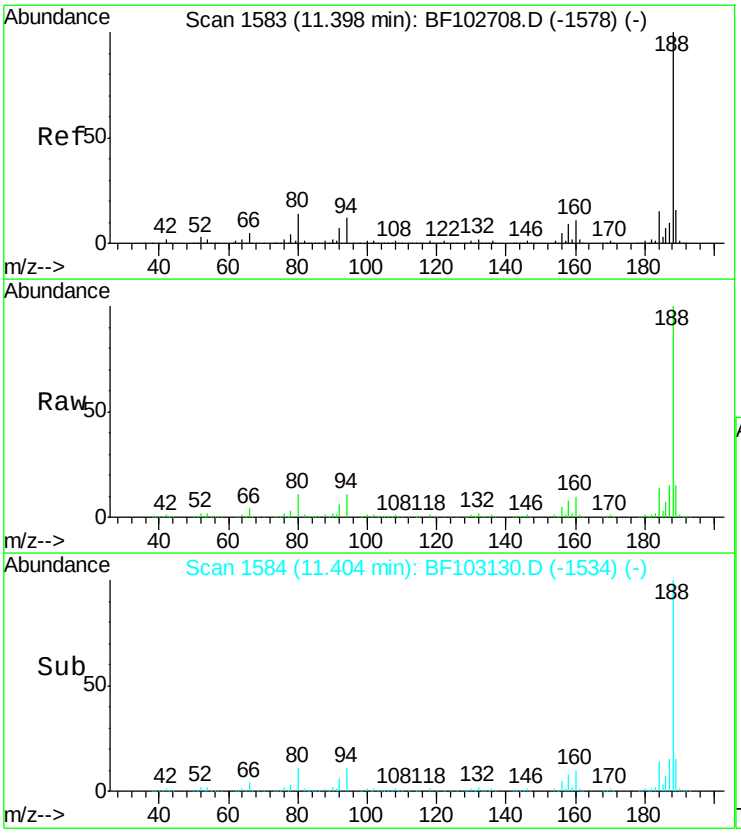
#56
2,4-Dinitrotoluene
Concen: 9.242 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41616

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

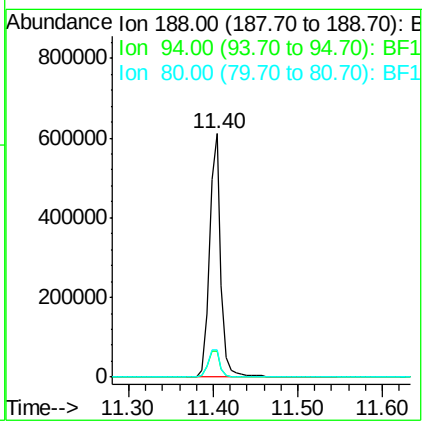


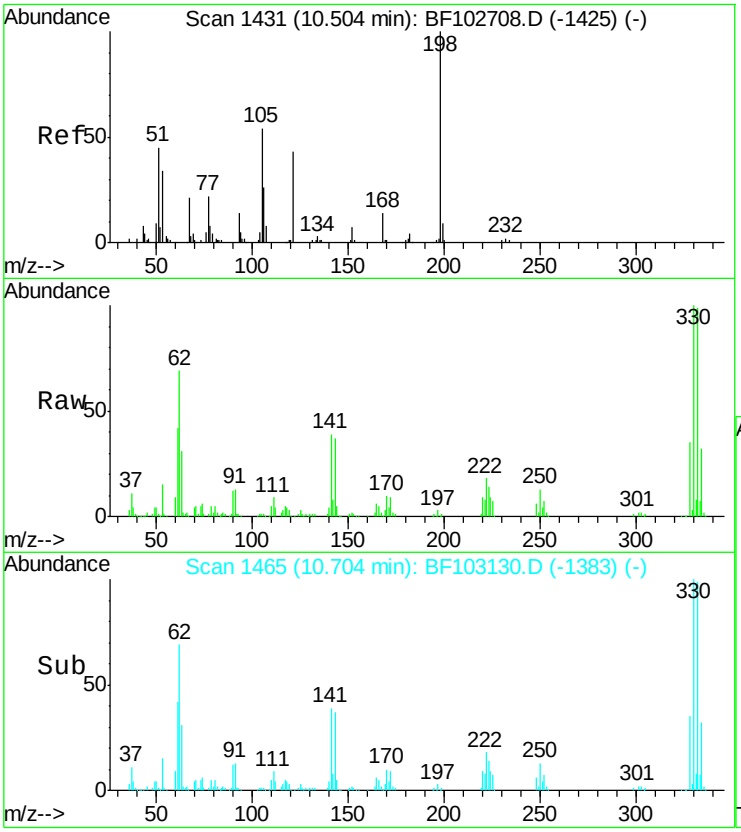


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:188 Resp: 571889

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.2	9.2	13.8



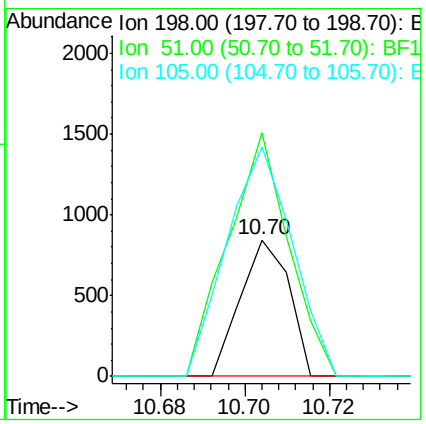


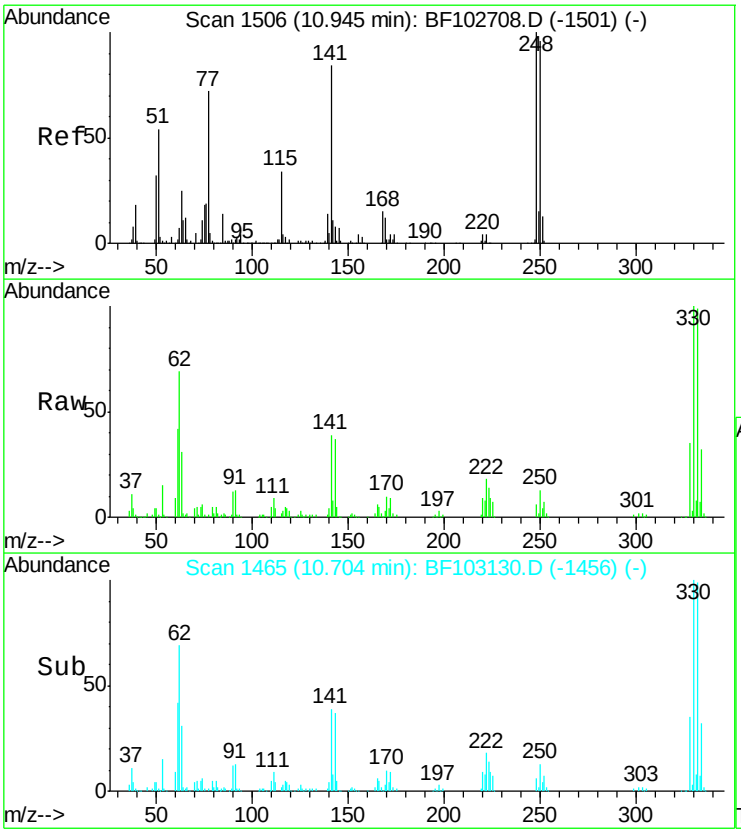
#64
4,6-Dinitro-2-methylphenol
Concen: 9.055 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 675

Ion	Ratio	Lower	Upper
198	100		
51	178.5	37.7	77.7#
105	168.3	36.3	76.3#

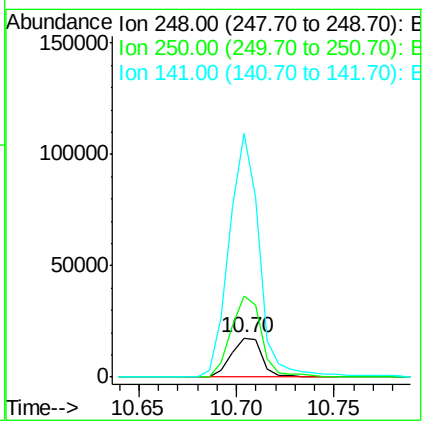


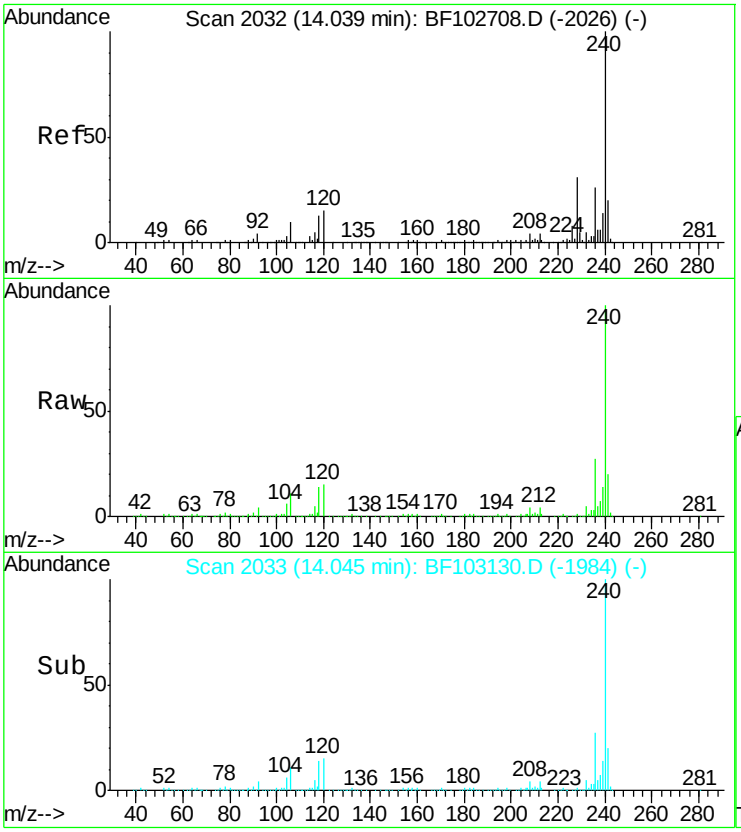


#66
4-Bromophenyl-phenylether
Concen: 3.221 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:248 Resp: 19486

Ion	Ratio	Lower	Upper
248	100		
250	209.6	76.9	115.3#
141	627.8	74.4	111.6#



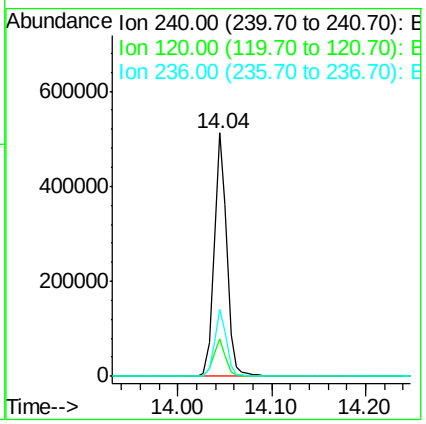


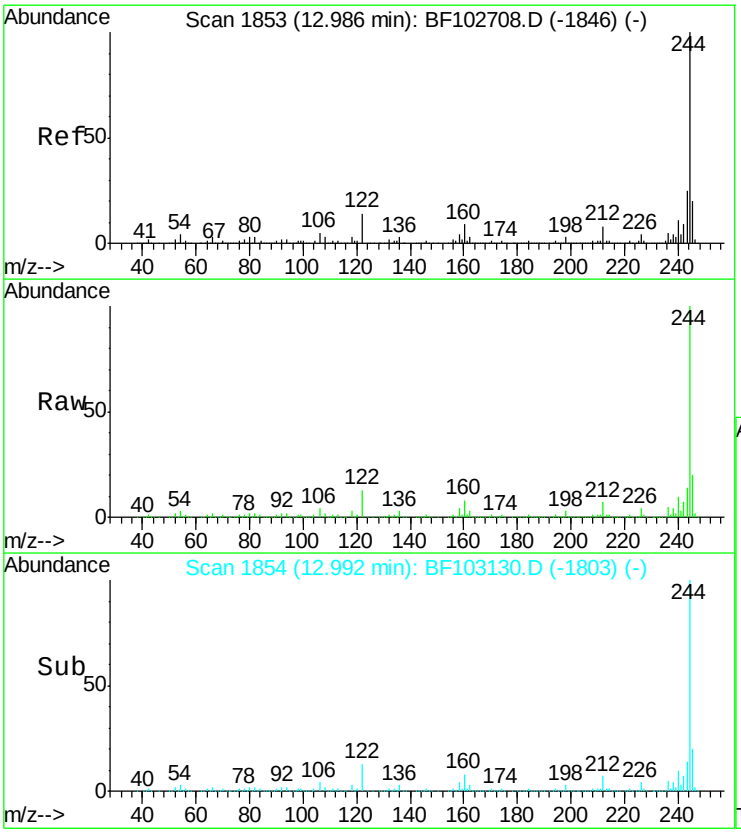
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 488712

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	27.5	20.7	31.1

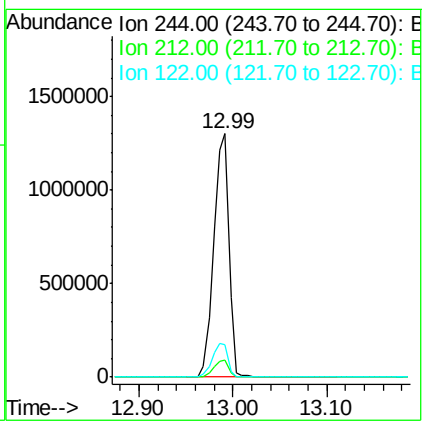


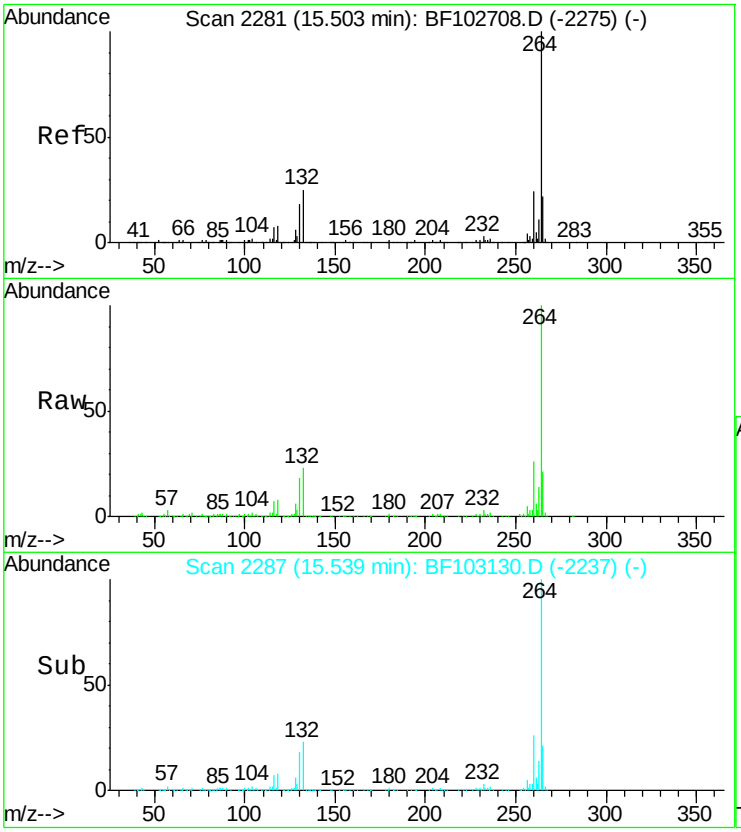


#78
Terphenyl-d14
Concen: 71.486 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Tgt Ion:244 Resp: 1475490

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103130.D
Acq: 21 Feb 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 418477

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	21.4	17.5	26.3