Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103076.D
Acq On : 19 Feb 2018 12:32
Operator : SJ/JU
Sample : J1573-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 19 16:14:03 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	168869	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	697297	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	308438	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	513124	20.00	ng	0.00
75) Chrysene-d12	14.05	240	312731	20.00	ng	0.00
86) Perylene-d12	15.54	264	270957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	581882	52.33	ng	0.00
7) Phenol-d6	6.50	99	438670	32.76	ng	0.00
23) Nitrobenzene-d5	7.45	82	954559	94.96	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	313691	126.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1541122	82.91	ng	0.00
78) Terphenyl-d14	12.99	244	1268263	96.02	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.40	117	29229	6.455	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	127511	14.445	ng	# 79
22) Acetophenone	7.26	105	44053	2.582	ng	# 60
25) Isophorone	7.45	82	950745	41.076	ng	# 64
26) 2-Nitrophenol	7.99	139	125	8.687	ng	# 1
27) 2,4-Dimethylphenol	7.89	122	28067	2.870	ng	# 6
32) Benzoic acid	7.89	122	28067	12.414	ng	# 55
47) 2-Nitroaniline	9.51	65	489	3.544	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	40439	8.838	ng	# 26
55) 4-Nitrophenol	10.02	139	510	4.129	ng	# 1
56) 2,4-Dinitrotoluene	9.92	165	40439	9.243	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	686	9.089	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	19611	3.613	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
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Acq On : 19 Feb 2018 12:32
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Sample : J1573-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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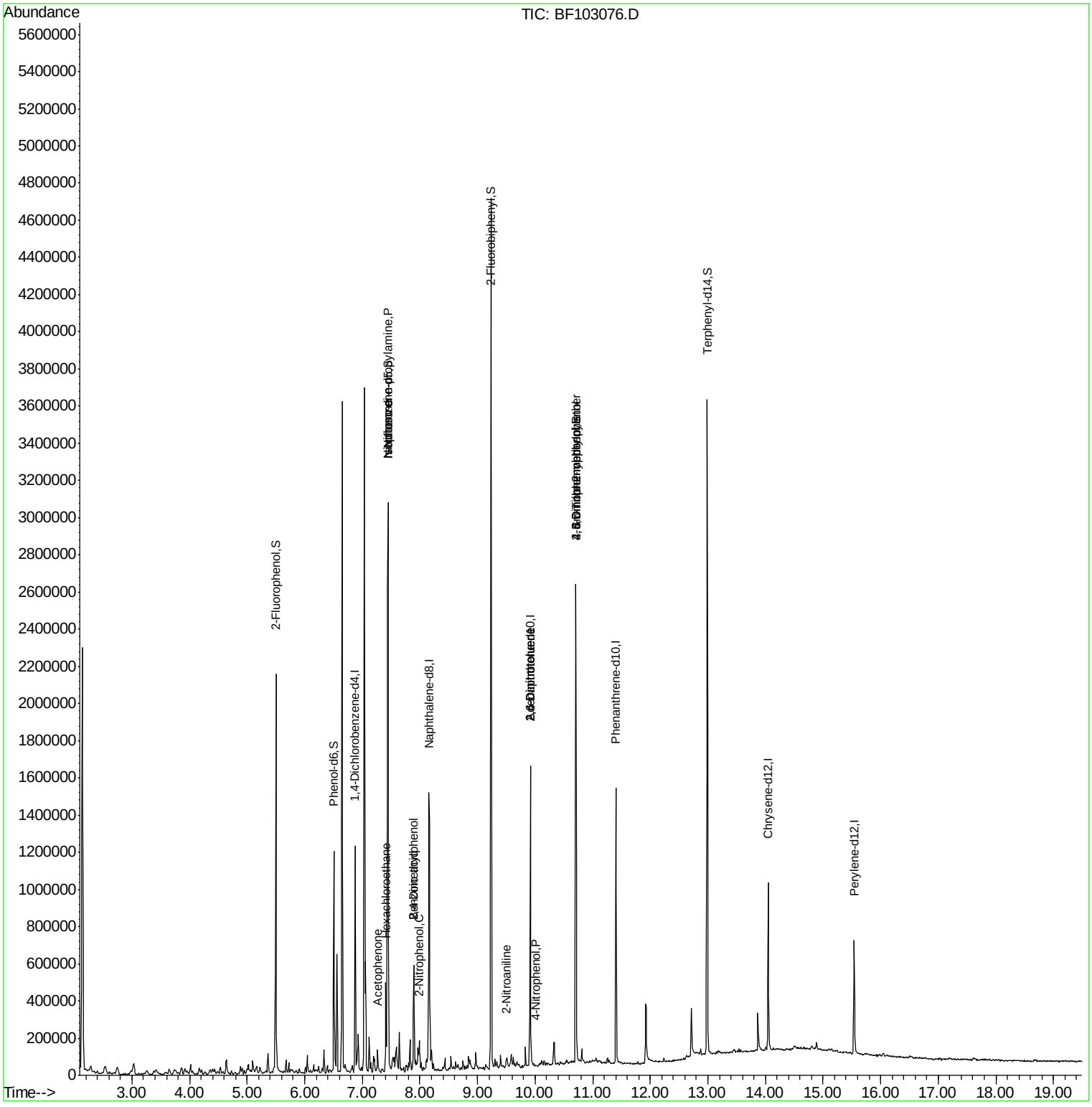
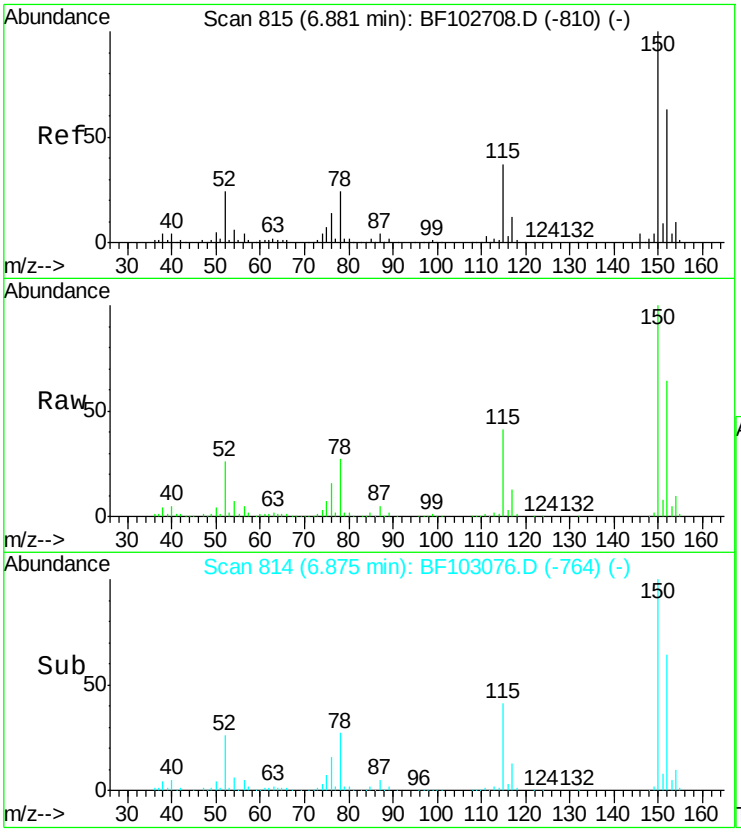


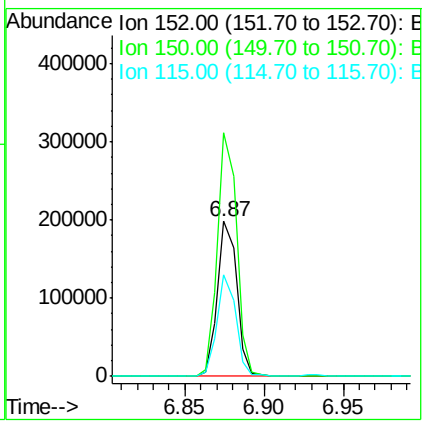


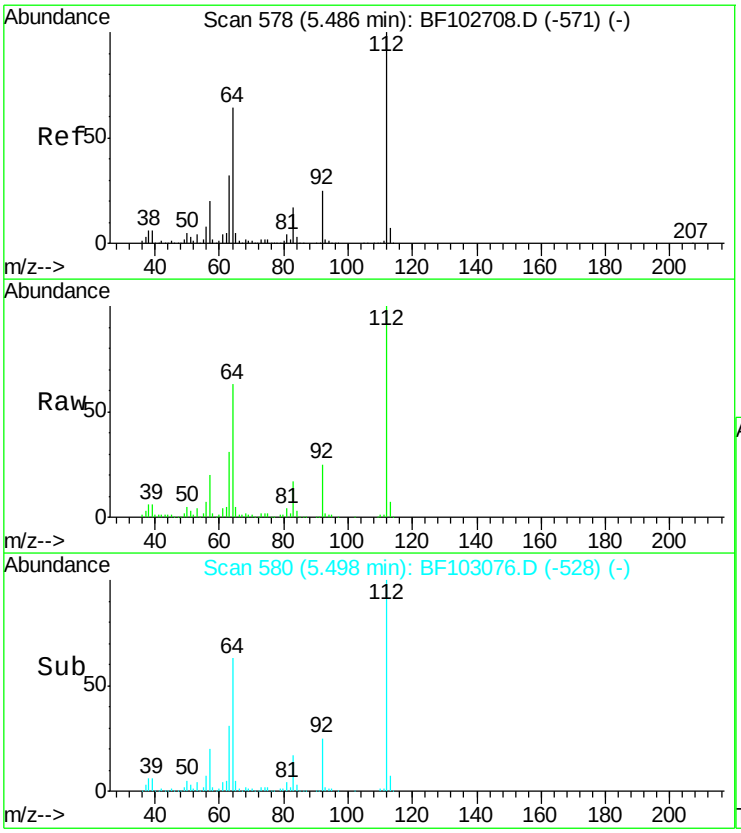
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 168869

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	65.2	50.1	75.1

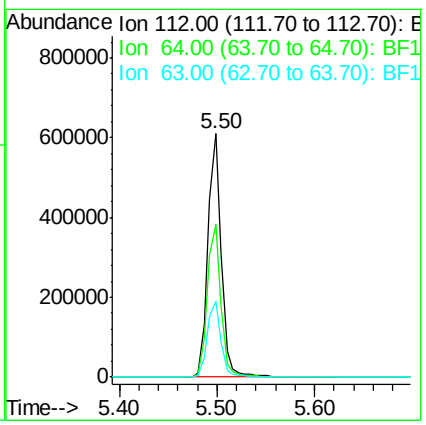


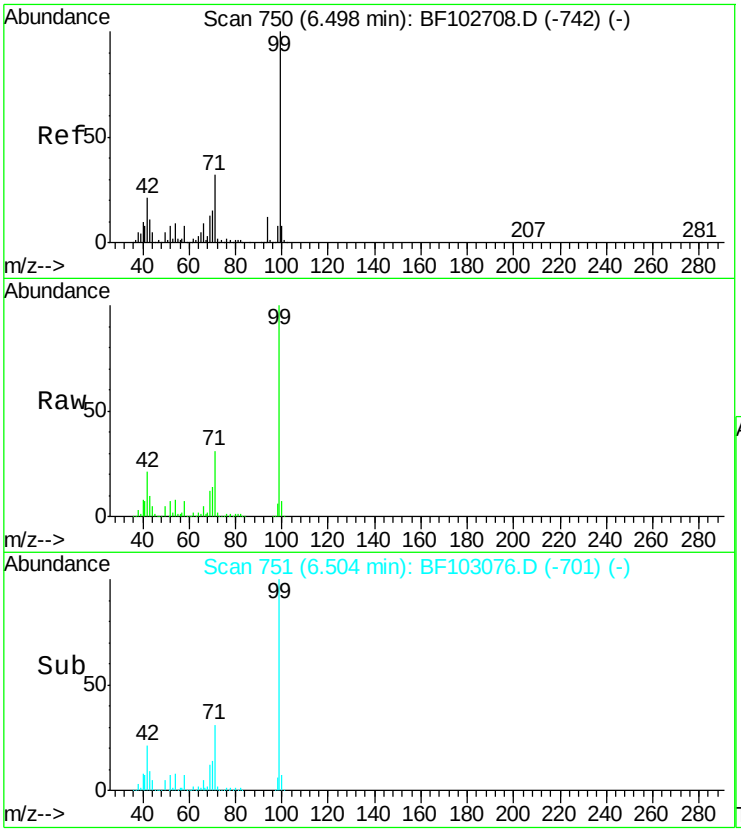


#5
2-Fluorophenol
Concen: 52.330 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:112 Resp: 581882

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	31.3	23.7	35.5



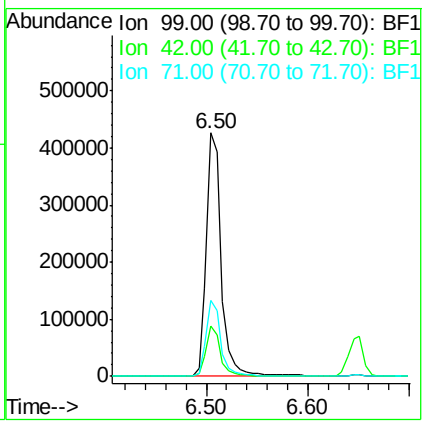


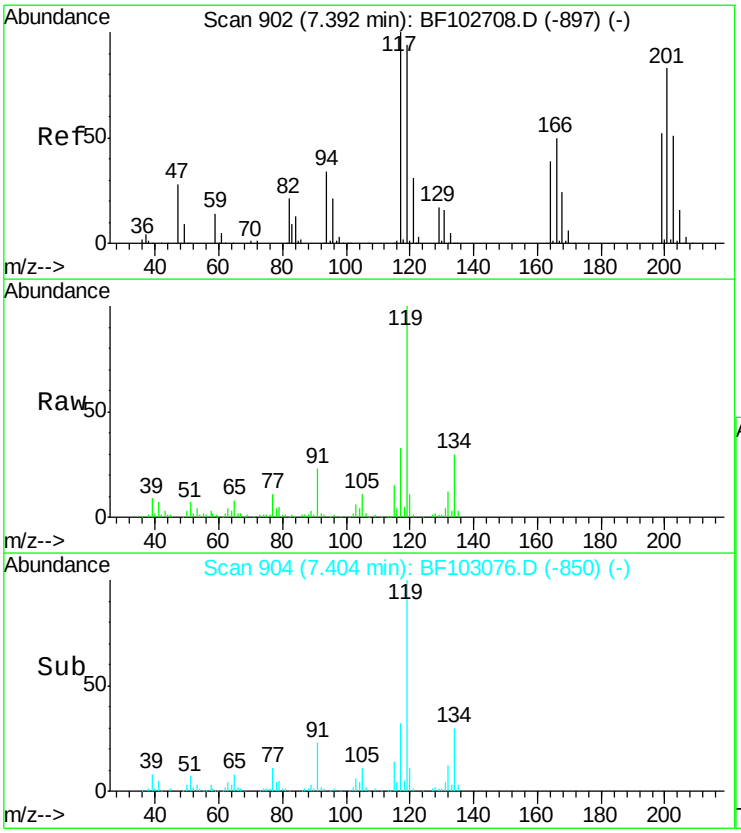
#7
Phenol-d6
Concen: 32.764 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 438670

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	31.3	25.4	38.0

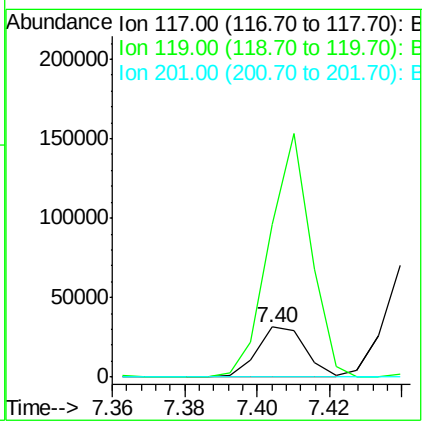


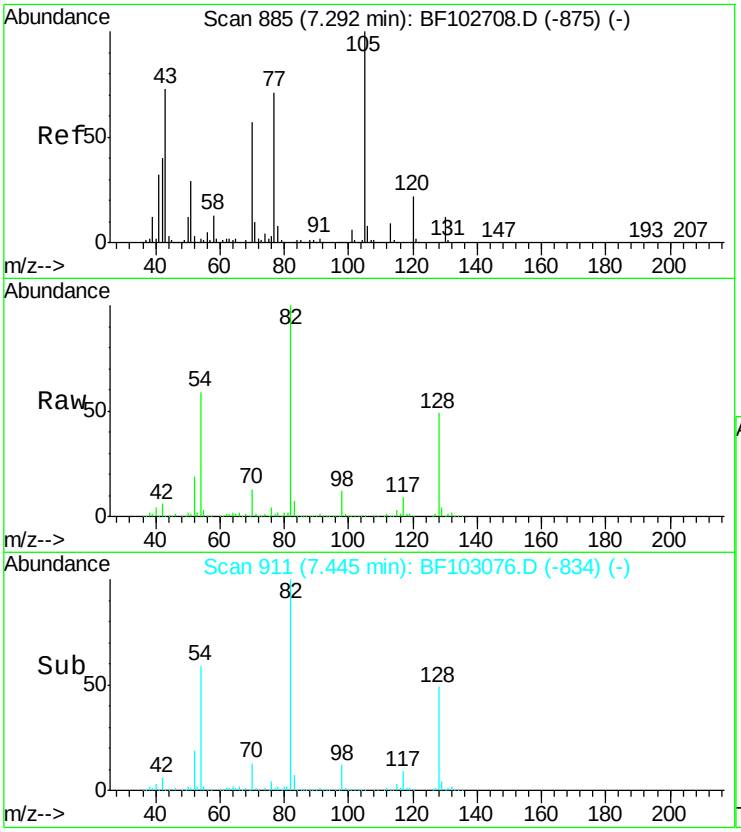


#18
Hexachloroethane
Concen: 6.455 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.02 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:117 Resp: 29229

Ion	Ratio	Lower	Upper
117	100		
119	306.6	75.8	113.8#
201	0.0	75.7	113.5#



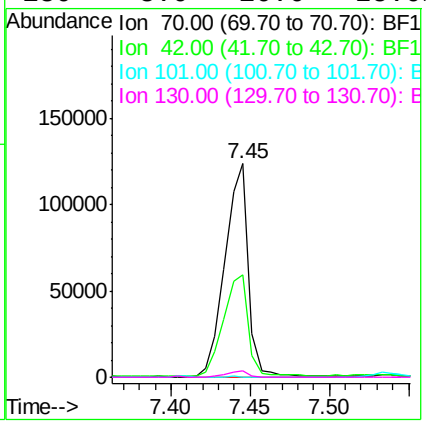


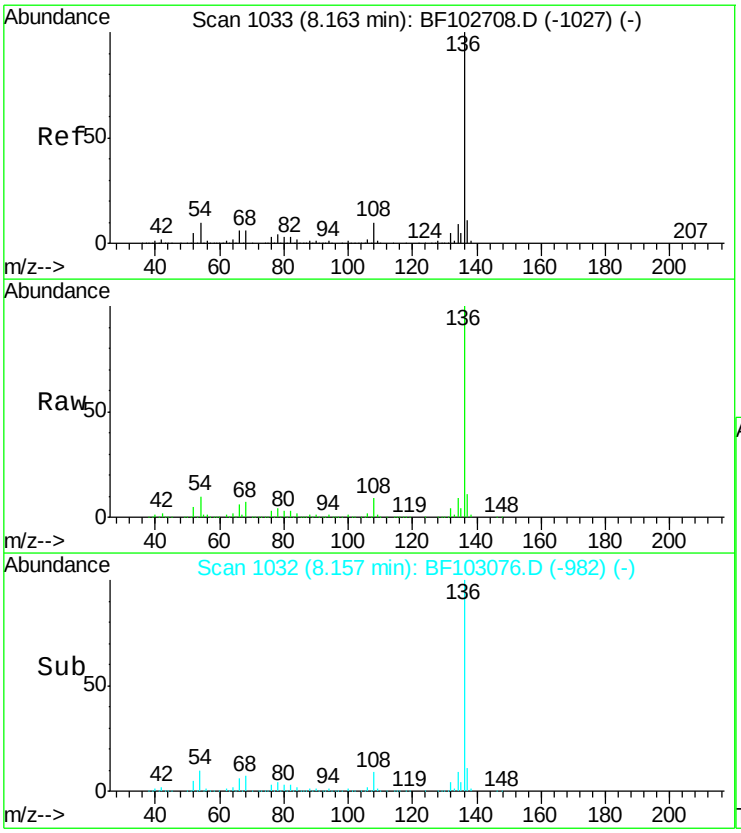
#19
n-Nitroso-di-n-propylamine
Concen: 14.445 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 127511

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.5	71.3
101	0.3	7.4	11.2#
130	3.0	16.6	25.0#

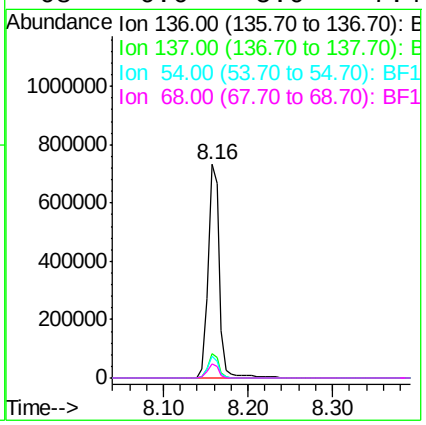


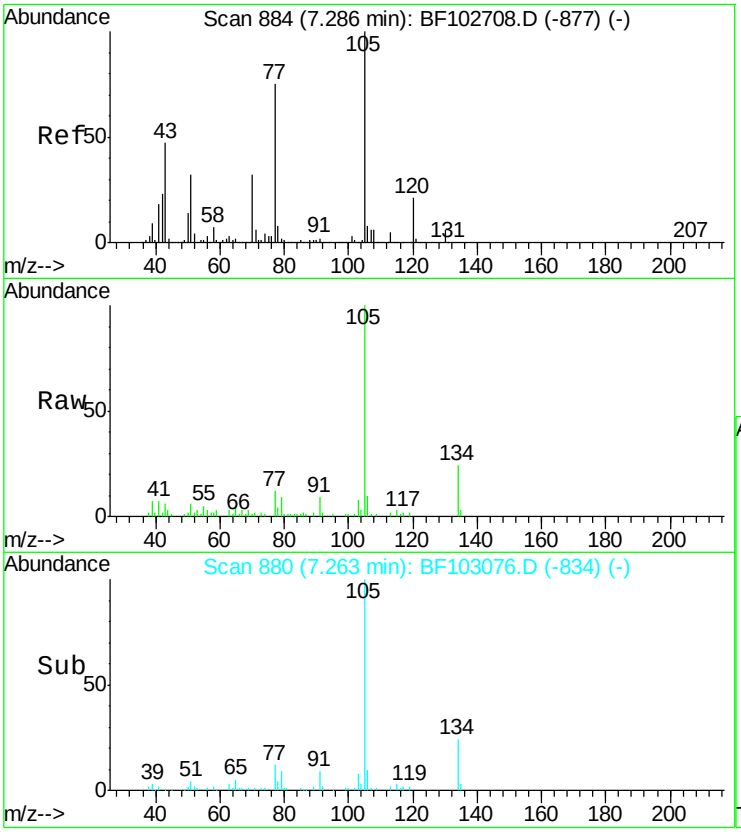


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:136 Resp: 697297

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.9	6.6	9.8#
68	6.6	5.0	7.4



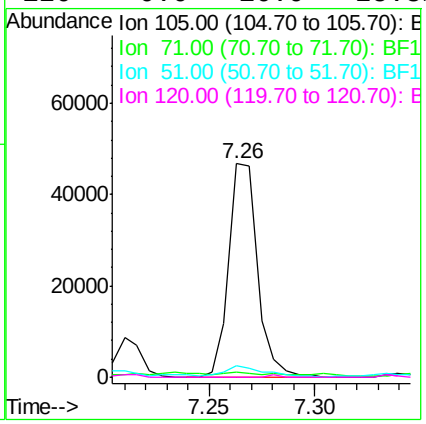


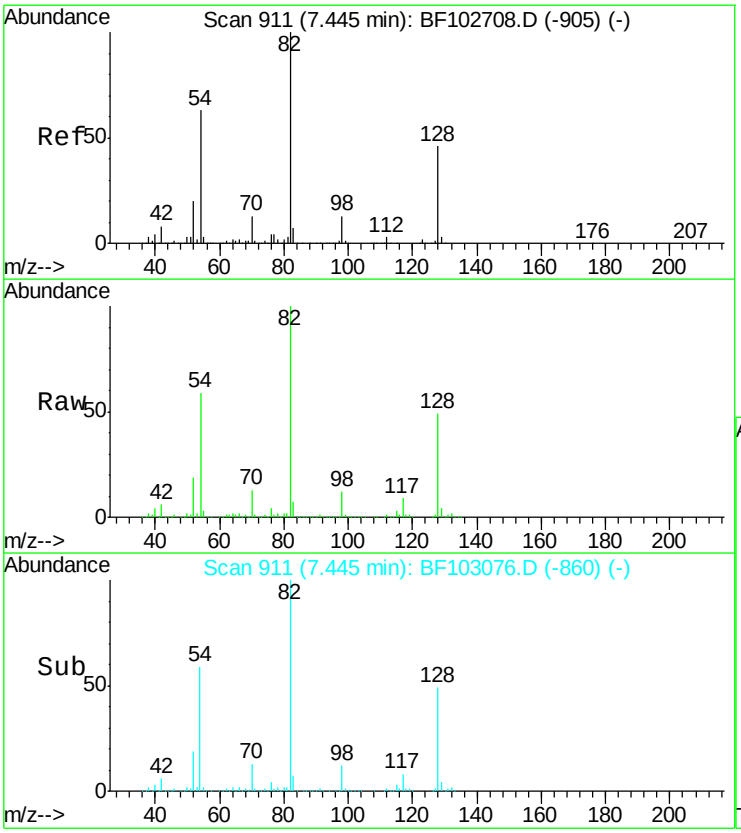
#22
Acetophenone
Concen: 2.582 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.03 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 44053

Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.4	6.6#
51	5.6	22.3	33.5#
120	0.0	16.9	25.3#

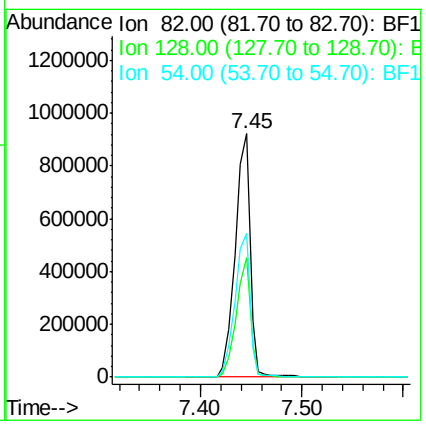


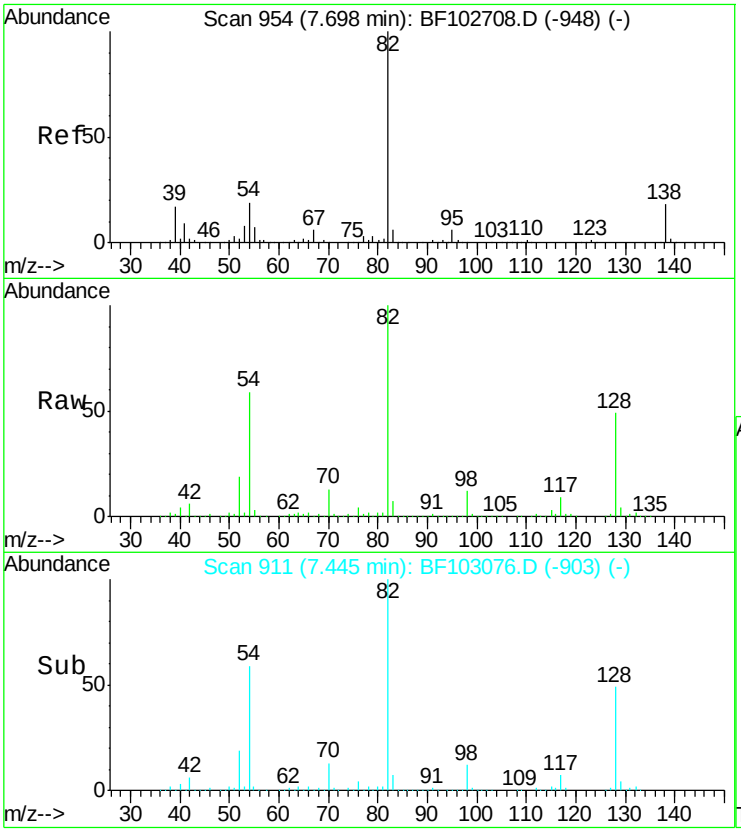


#23
Nitrobenzene-d5
Concen: 94.964 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion: 82 Resp: 954559

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	59.2	41.4	62.2



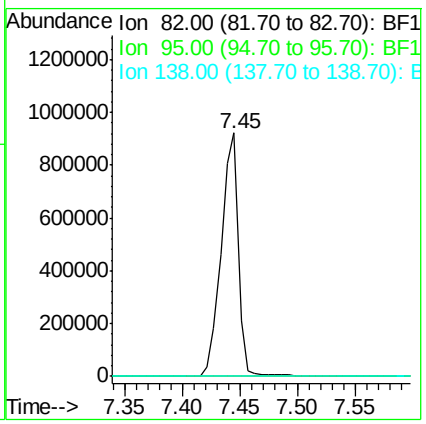


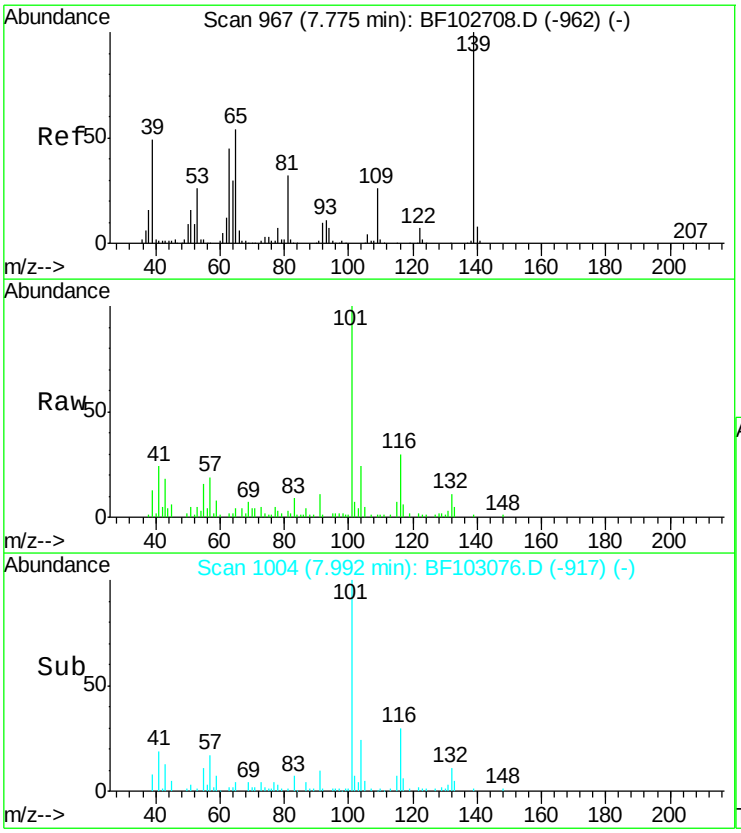
#25
Isophorone
Concen: 41.076 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 950745

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

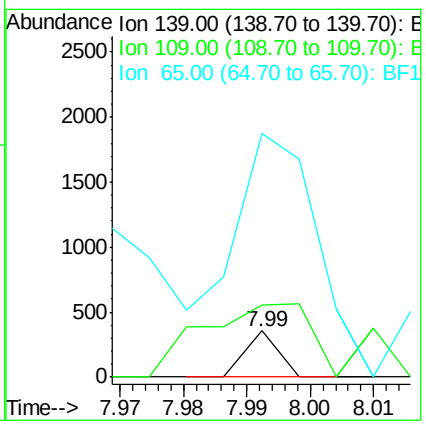


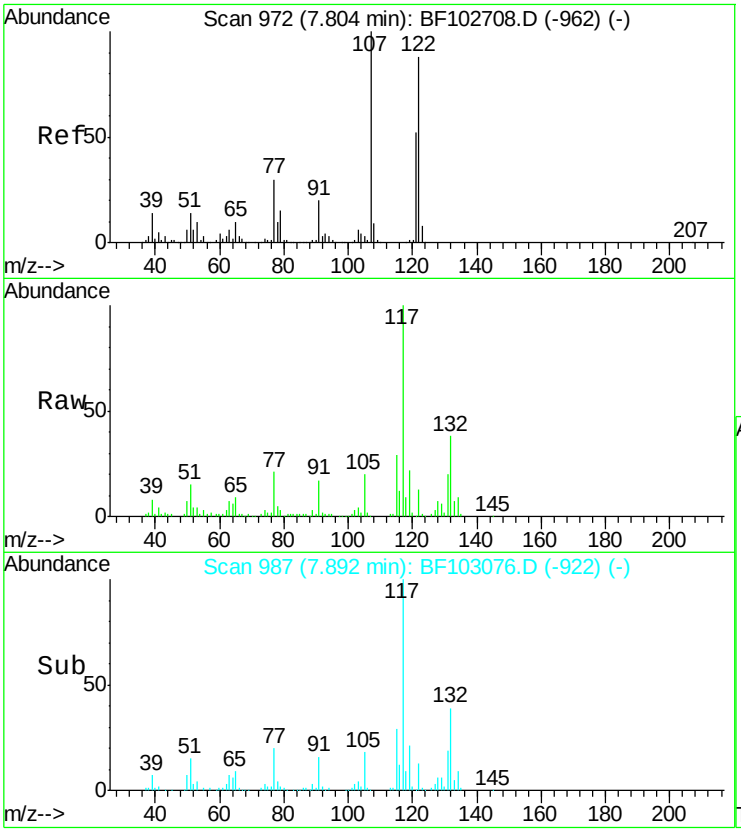


#26
2-Nitrophenol
Concen: 8.687 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.21 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:139 Resp: 125

Ion	Ratio	Lower	Upper
139	100		
109	155.6	22.7	34.1#
65	529.1	40.5	60.7#



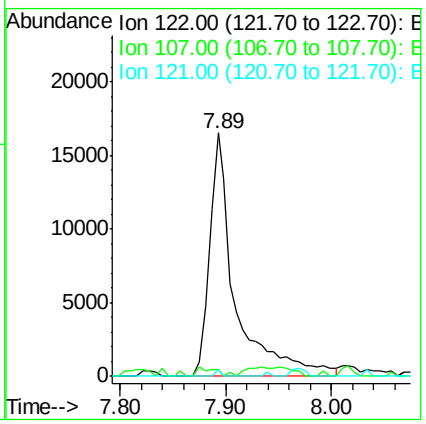


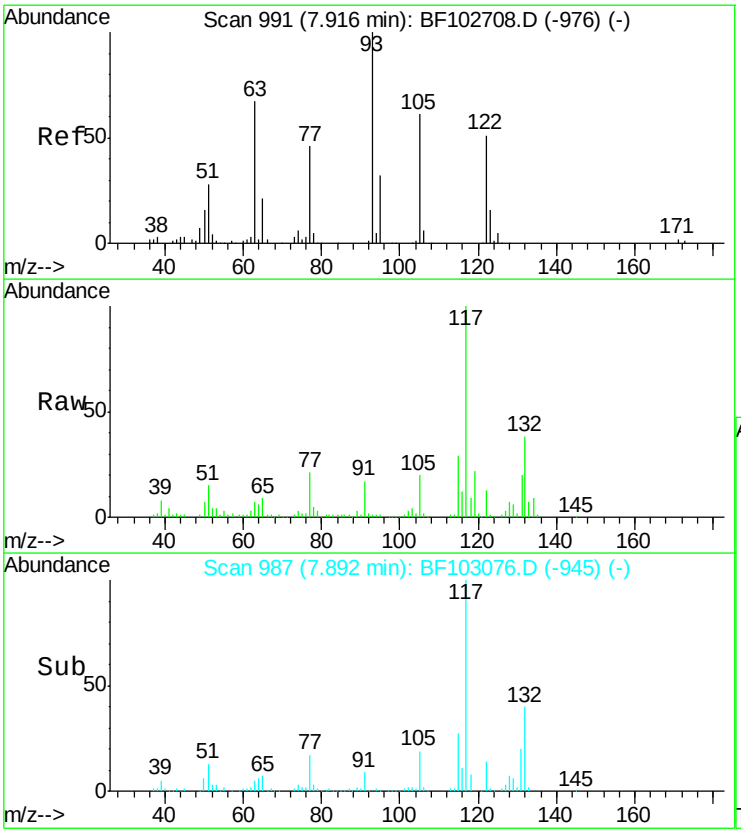
#27
2,4-Dimethylphenol
Concen: 2.870 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.08 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 28067

Ion	Ratio	Lower	Upper
122	100		
107	2.6	91.2	136.8#
121	2.9	47.2	70.8#

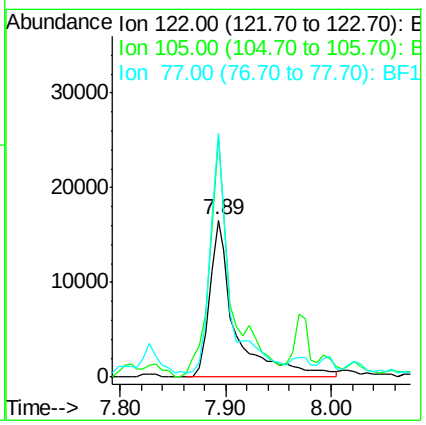


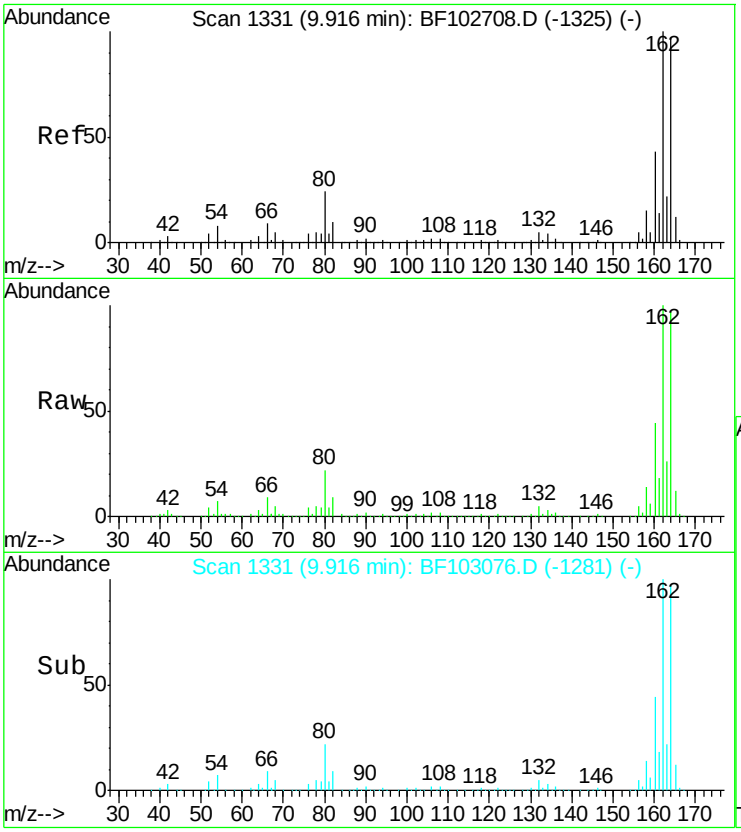


#32
Benzoic acid
Concen: 12.414 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.05 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:122 Resp: 28067

Ion	Ratio	Lower	Upper
122	100		
105	152.7	101.1	141.1#
77	155.4	70.7	110.7#



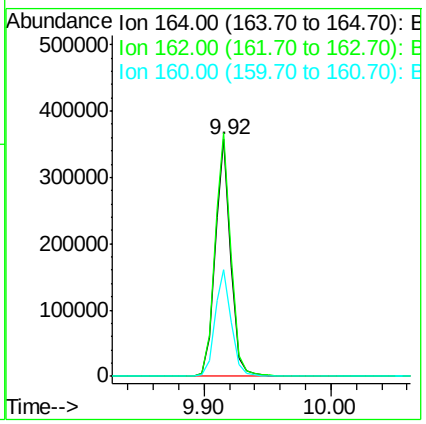


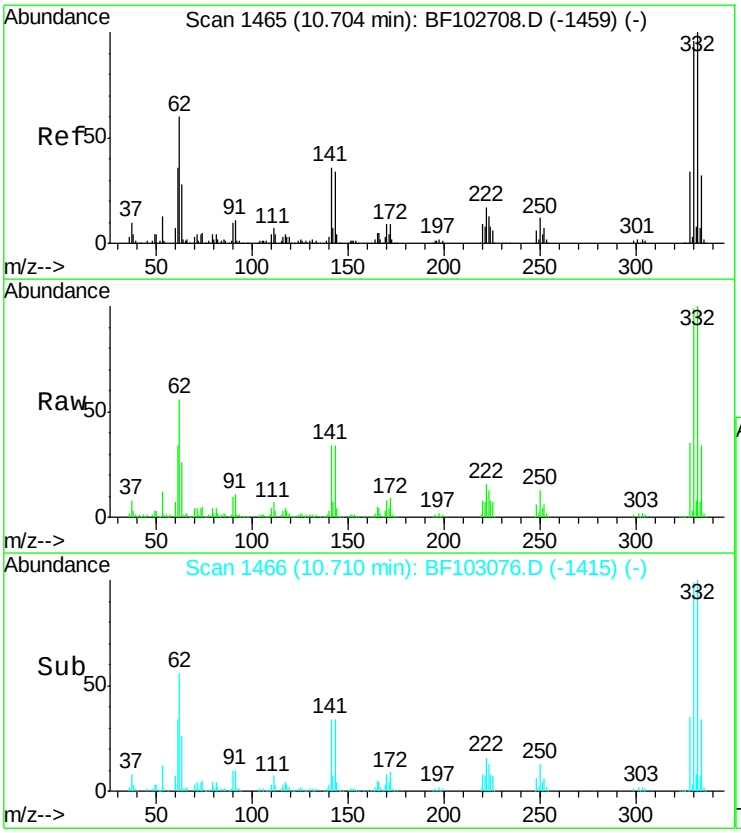
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 308438

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.0	38.3	57.5

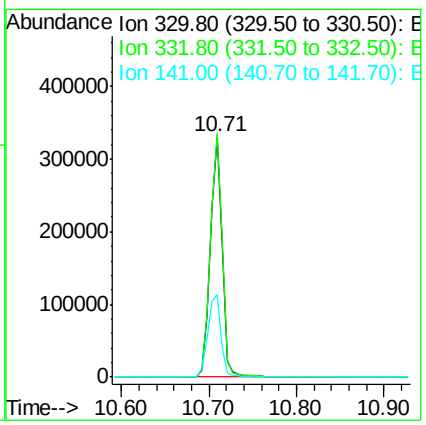


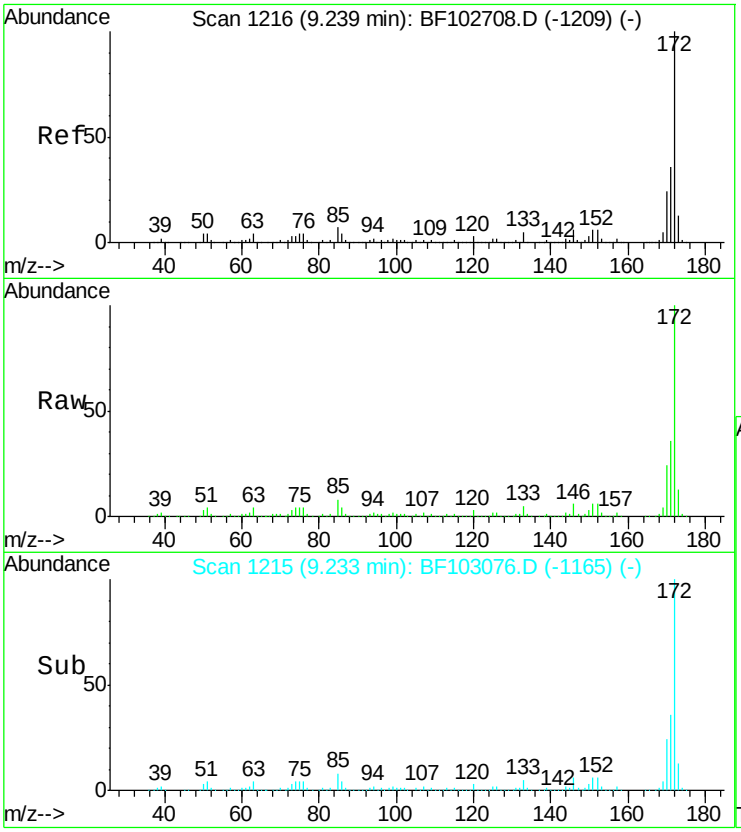


#41
2,4,6-Tribromophenol
Concen: 126.358 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:330 Resp: 313691

Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.0	115.6
141	37.8	29.9	44.9



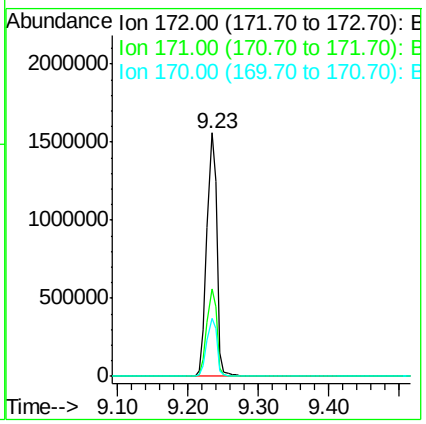


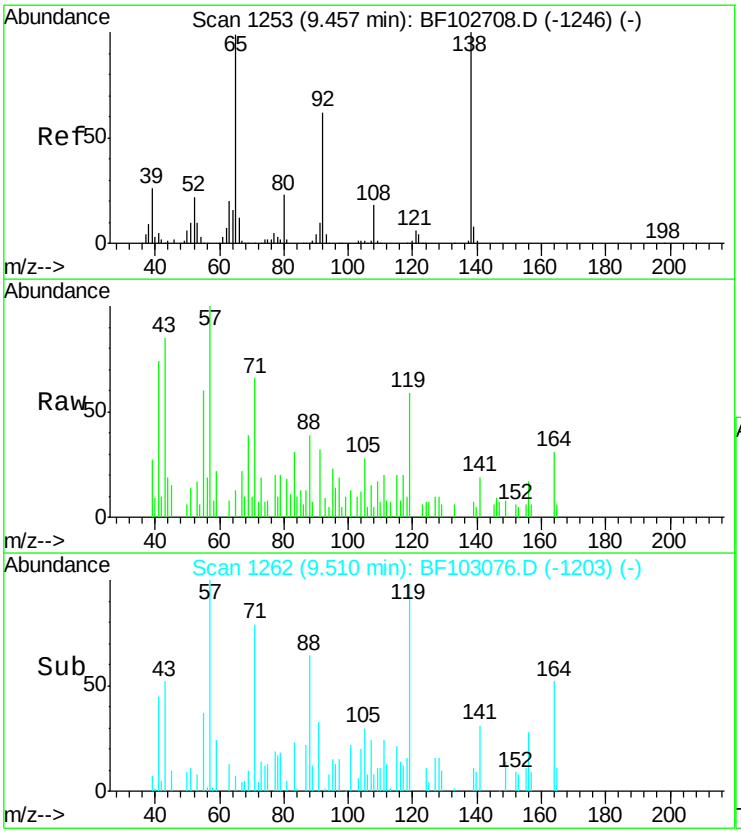
#44
2-Fluorobiphenyl
Concen: 82.910 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1541122

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

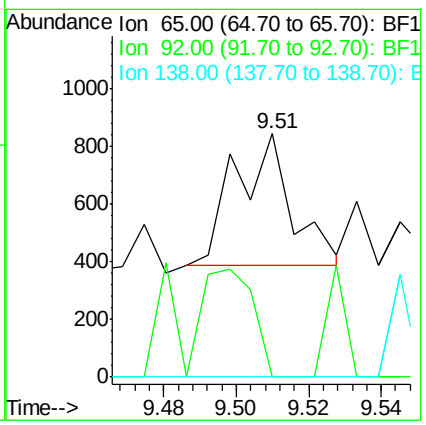


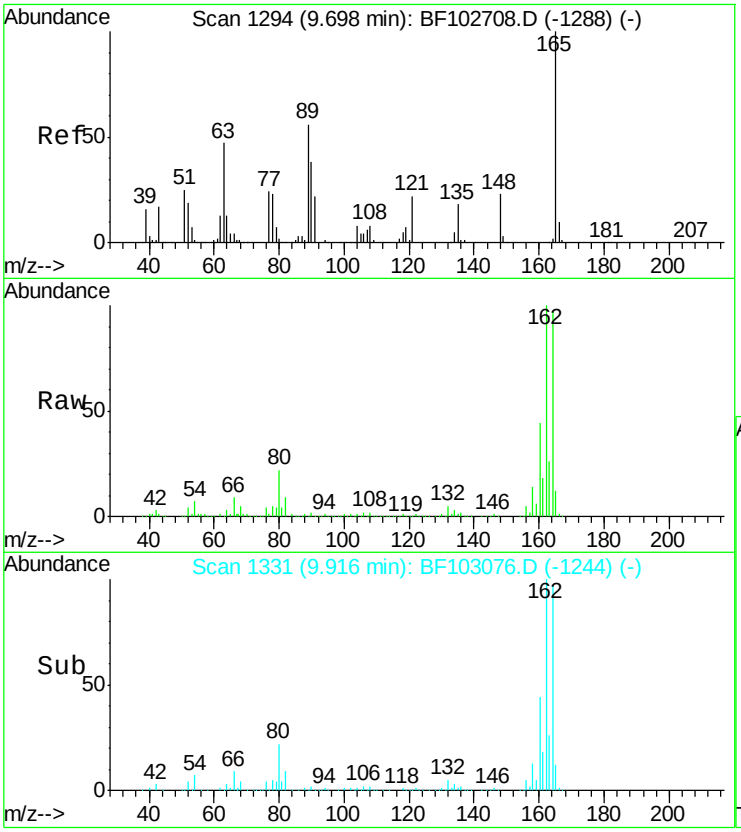


#47
2-Nitroaniline
Concen: 3.544 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.05 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion: 65 Resp: 489

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



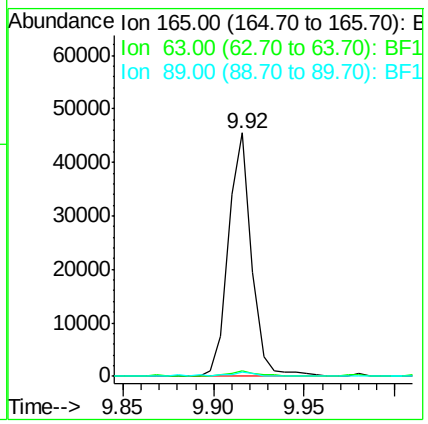


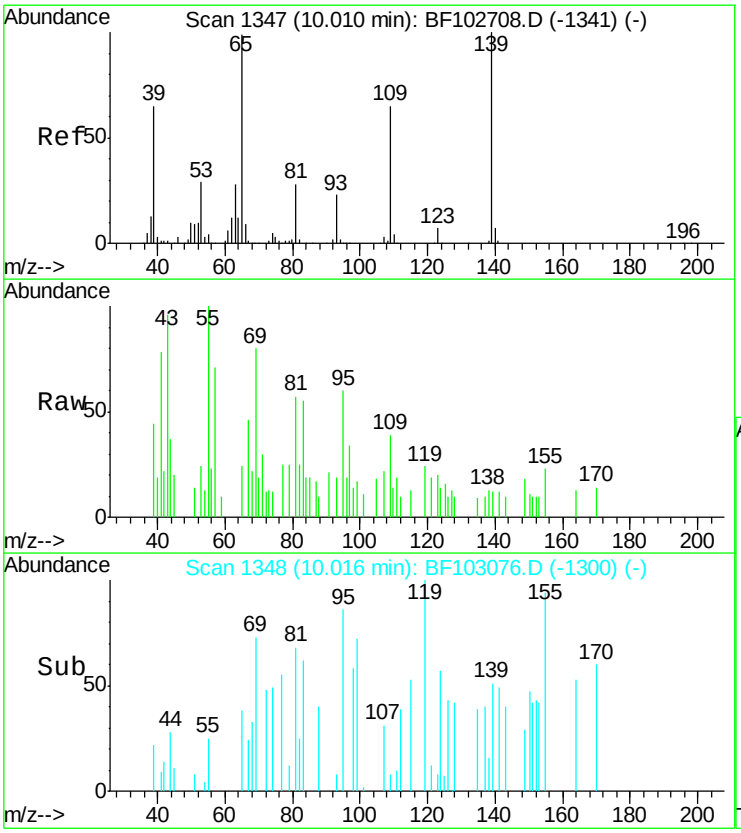
#50
2,6-Dinitrotoluene
Concen: 8.838 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40439

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.9	44.0	66.0#

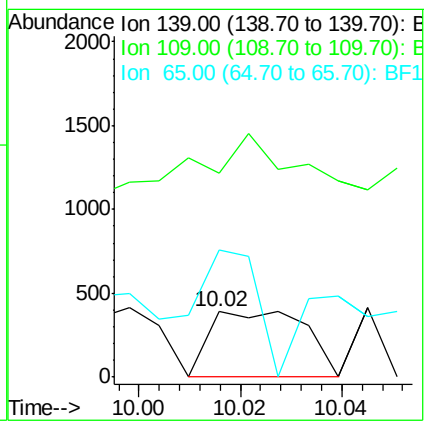


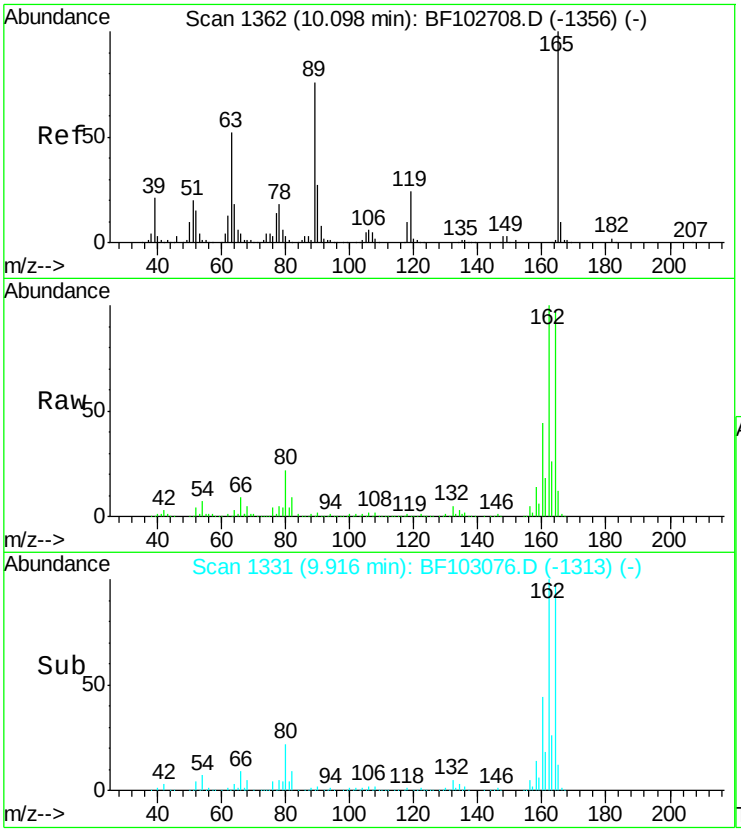


#55
4-Nitrophenol
Concen: 4.129 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:139 Resp: 510

Ion	Ratio	Lower	Upper
139	100		
109	311.3	48.4	88.4#
65	193.9	72.6	112.6#



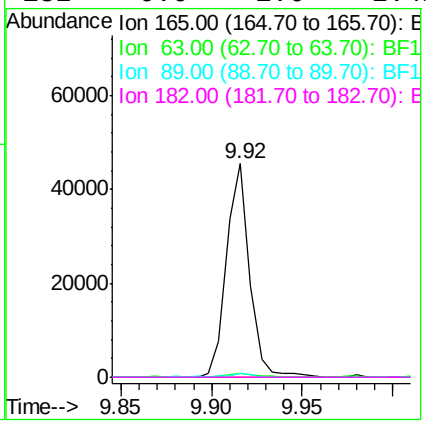


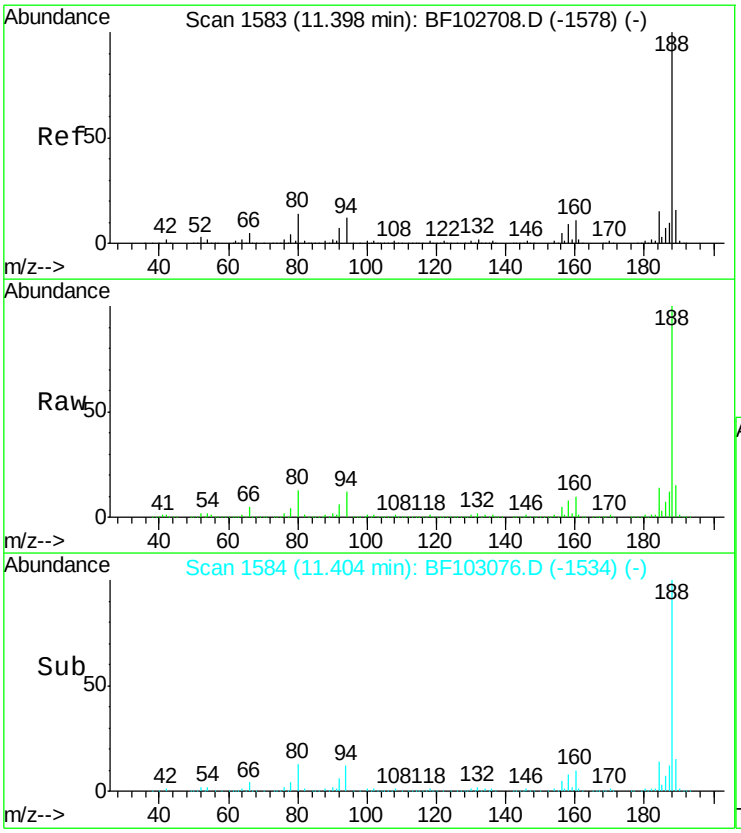
#56
2,4-Dinitrotoluene
Concen: 9.243 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40439

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

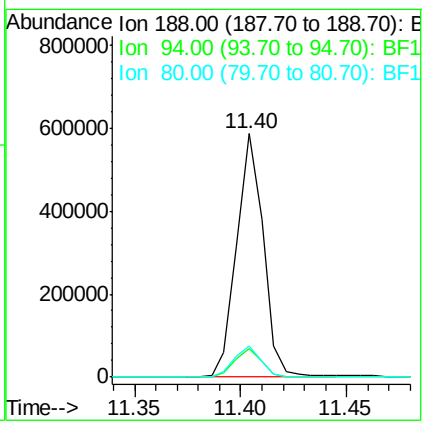


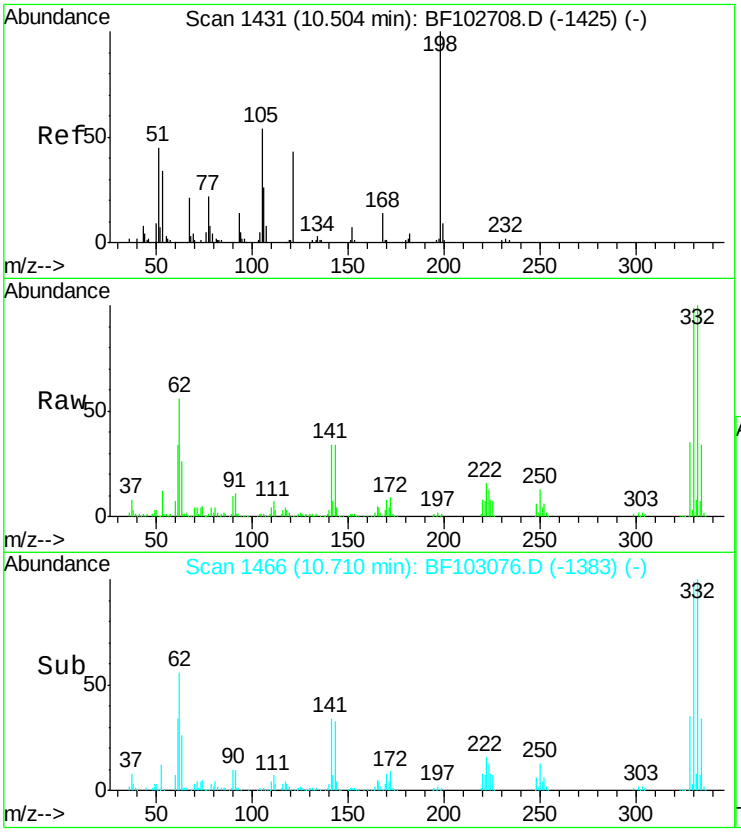


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:188 Resp: 513124

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.9	9.2	13.8



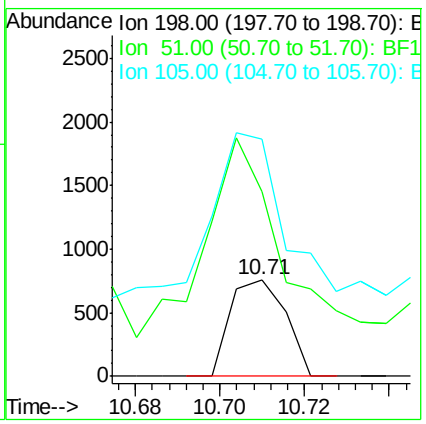


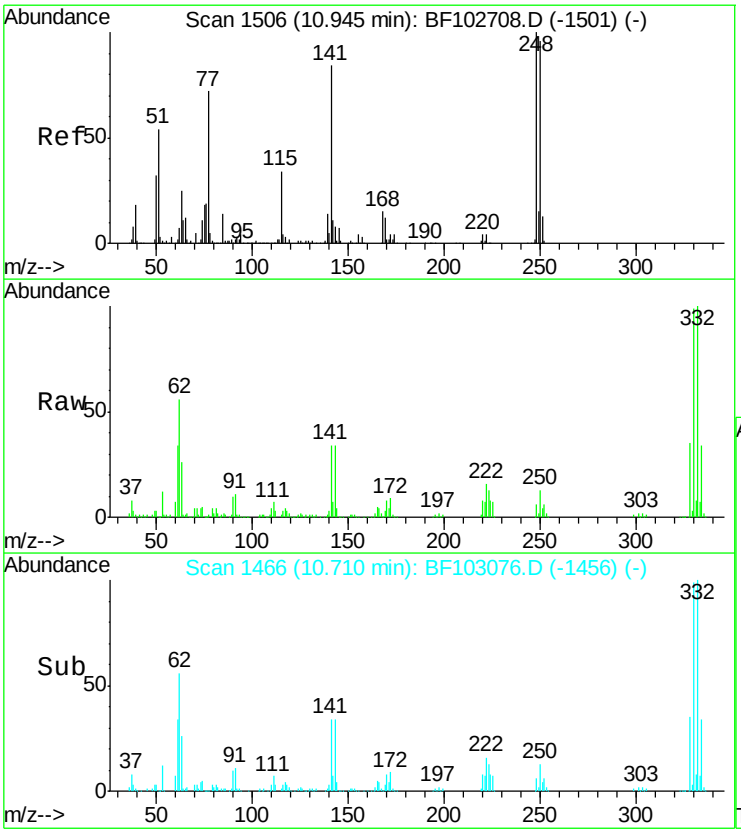
#64
4,6-Dinitro-2-methylphenol
Concen: 9.089 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 686

Ion	Ratio	Lower	Upper
198	100		
51	191.2	37.7	77.7#
105	246.4	36.3	76.3#

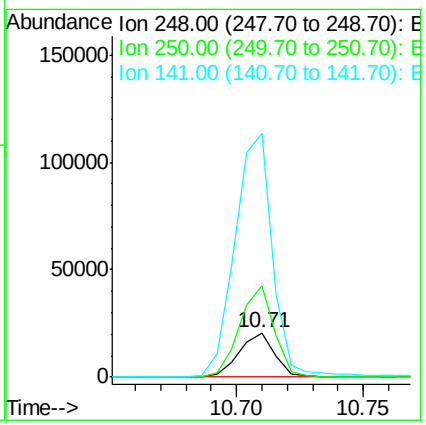


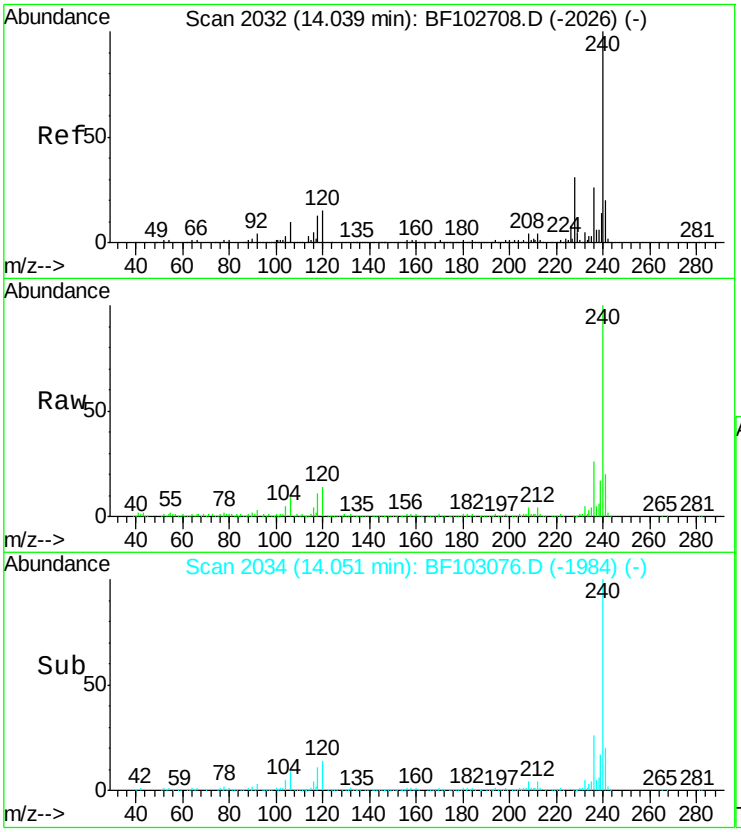


#66
4-Bromophenyl-phenylether
Concen: 3.613 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:248 Resp: 19611

Ion	Ratio	Lower	Upper
248	100		
250	205.4	76.9	115.3#
141	551.2	74.4	111.6#



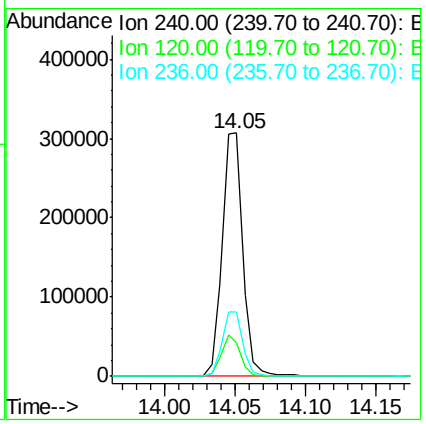


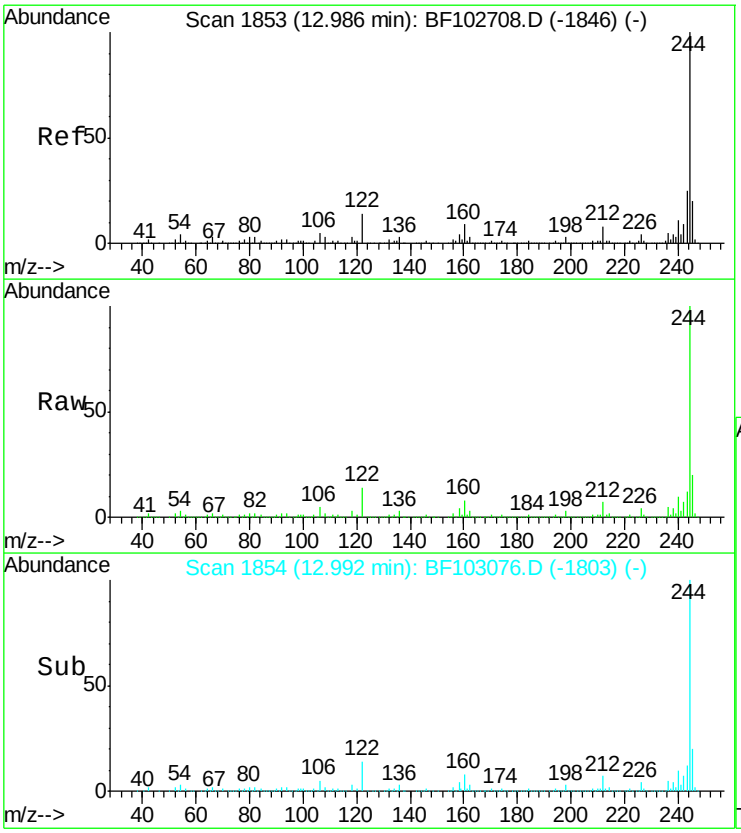
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 312731

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.5	20.7	31.1

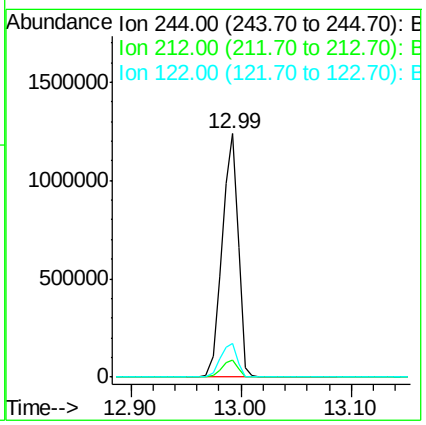


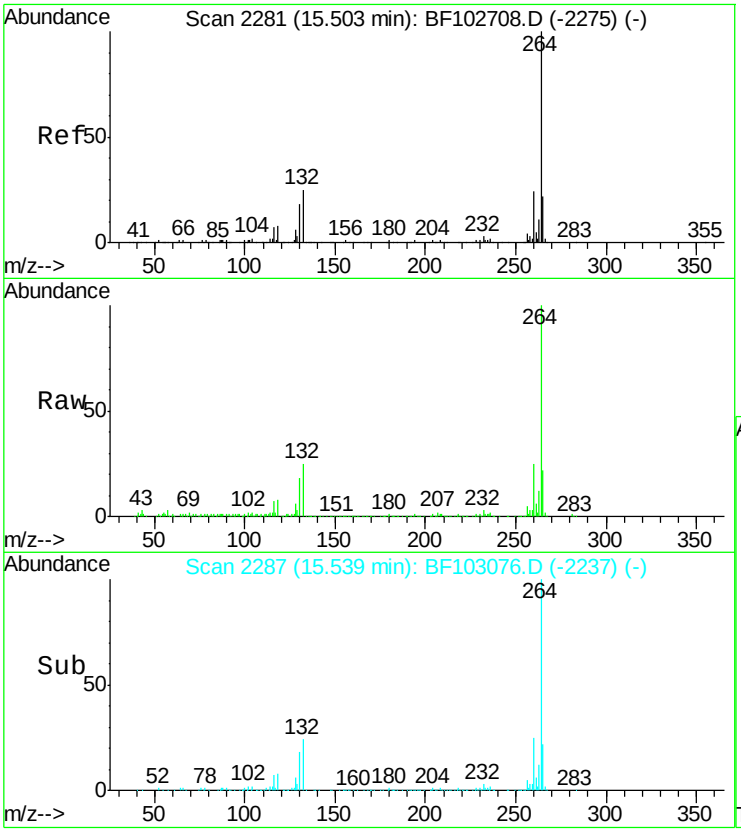


#78
Terphenyl-d14
Concen: 96.024 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103076.D
Acq: 19 Feb 2018 12:32

Tgt Ion:244 Resp: 1268263

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.8	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: BF103076.D
Acq: 19 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 270957

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.8	17.5	26.3