Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104773.D
Acq On : 24 Apr 2018 22:49
Operator : JU/SJ
Sample : J2511-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 23:24:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	96095	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	388497	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	161574	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	263848	20.00	ng	0.00
75) Chrysene-d12	13.99	240	201758	20.00	ng	0.00
86) Perylene-d12	15.46	264	136418	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	648114	103.13	ng	0.02
7) Phenol-d6	6.46	99	770856	99.83	ng	0.01
23) Nitrobenzene-d5	7.37	82	464083	78.00	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	172510	102.93	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	740105	72.36	ng	0.00
78) Terphenyl-d14	12.93	244	624933	70.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	1001	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	59761	11.844	ng	# 74
25) Isophorone	7.37	82	464079	36.887	ng	# 64
49) Dimethylphthalate	9.56	163	73547	5.772	ng	98
56) 2,4-Dinitrotoluene	9.85	165	20730	6.703	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.65	198	300	7.545	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	10559	3.762	ng	# 1
76) Benzidine	12.93	184	7973	Below Cal	#	91
87) Benzo(b)fluoranthene	15.03	252	20347	2.362	ng	# 84
88) Benzo(k)fluoranthene	15.03	252	20347	2.501	ng	# 87

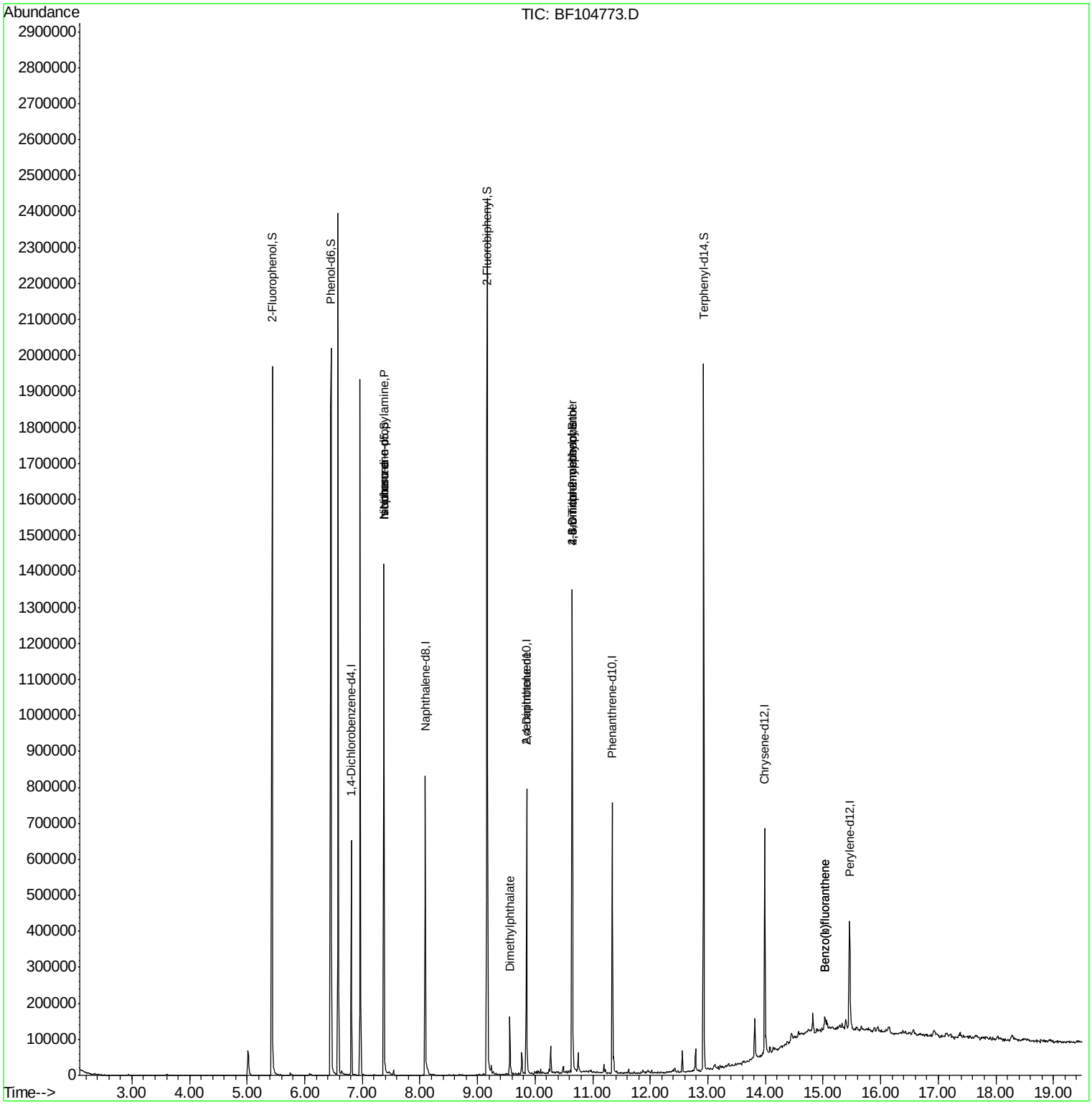
(#) = qualifier out of range (m) = manual integration (+) = signals summed

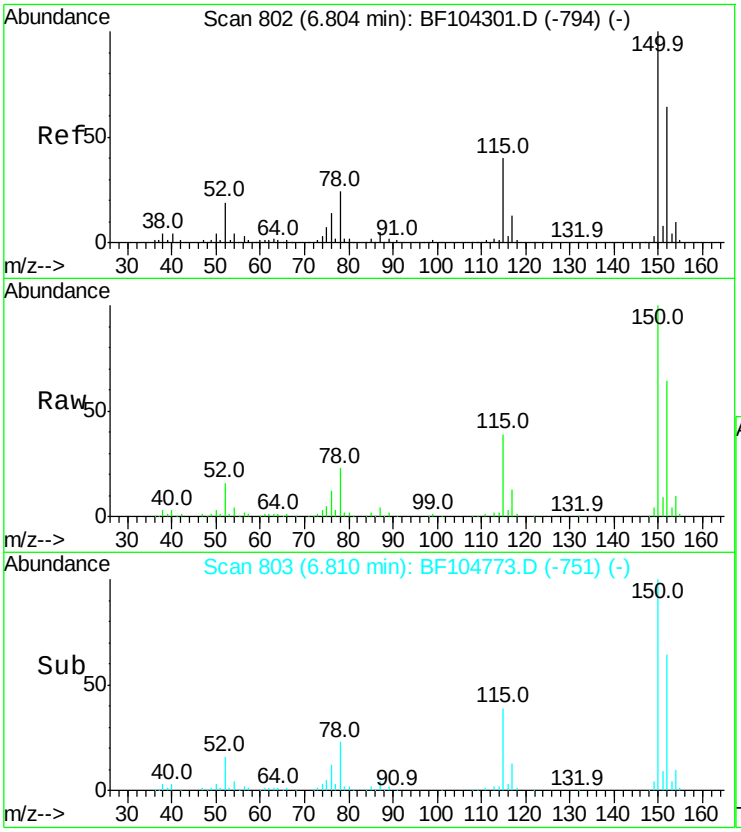
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104773.D
Acq On : 24 Apr 2018 22:49
Operator : JU/SJ
Sample : J2511-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 24 23:24:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration



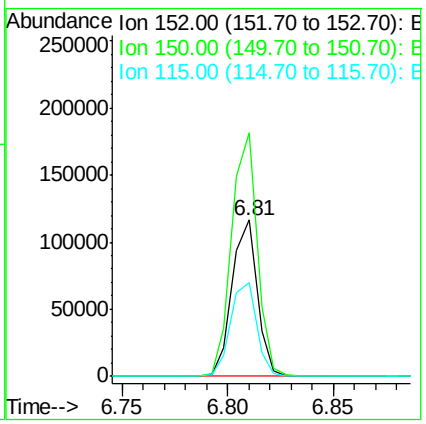


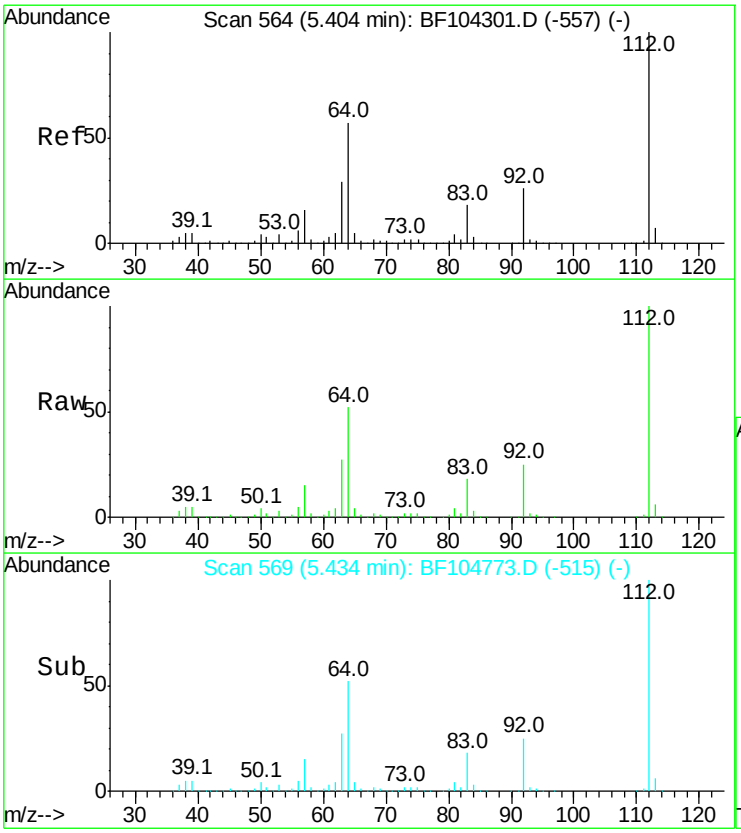
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96095

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	60.4	50.1	75.1

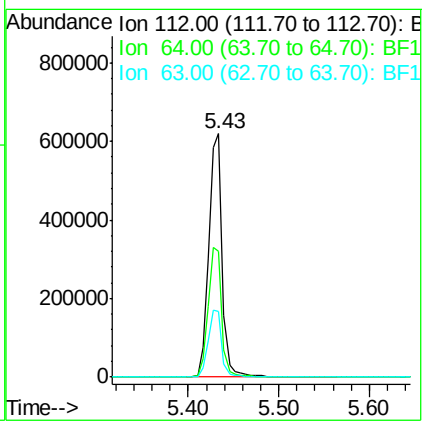


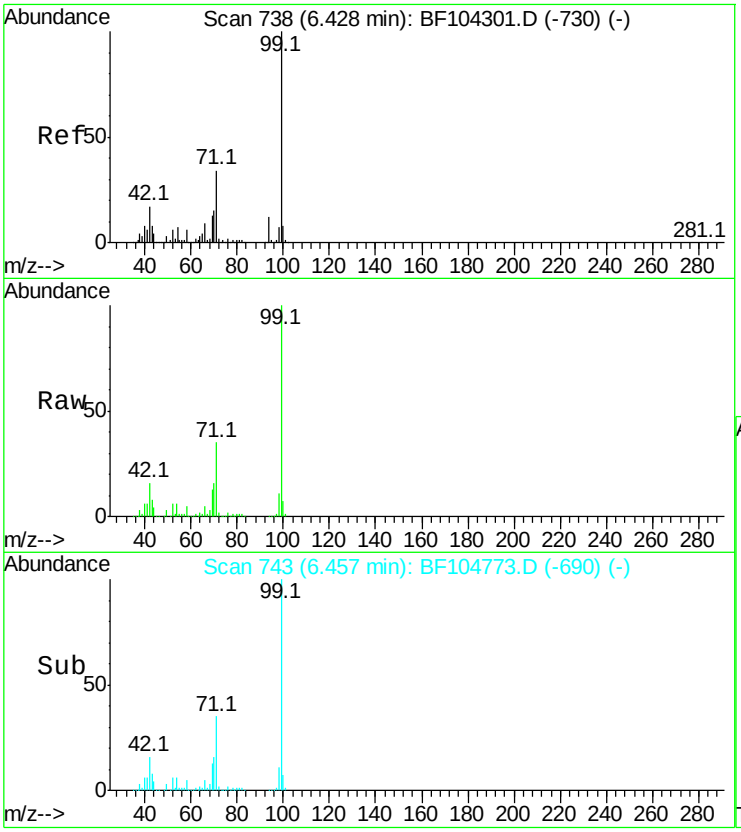


#5
2-Fluorophenol
Concen: 103.127 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:112 Resp: 648114

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	27.0	23.7	35.5



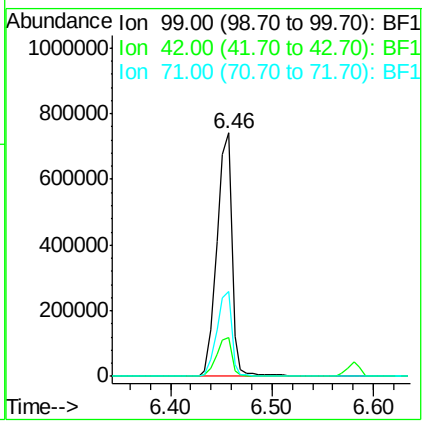


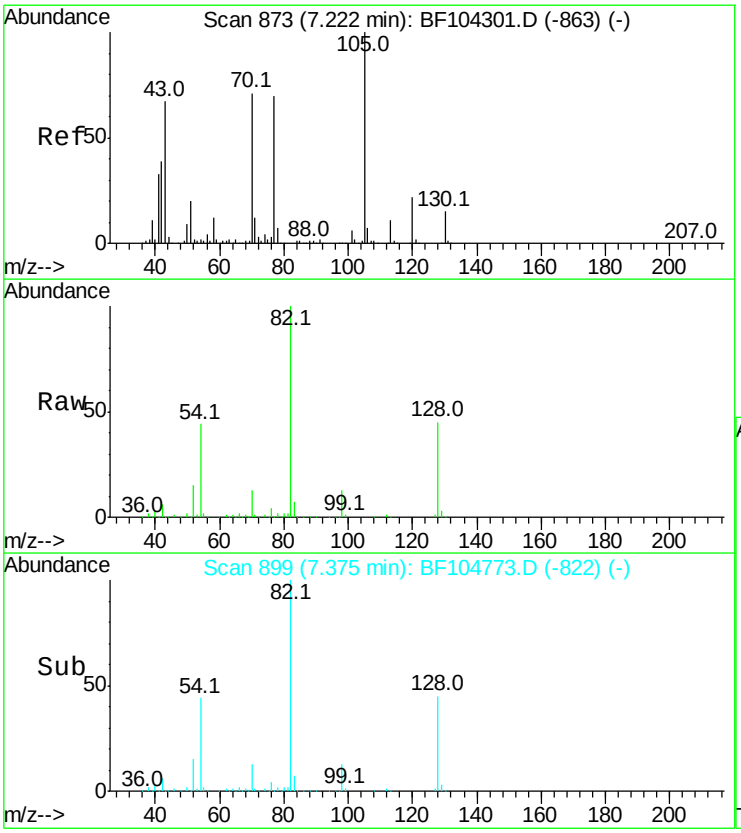
#7
Phenol-d6
Concen: 99.829 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 770856

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	34.8	25.4	38.0

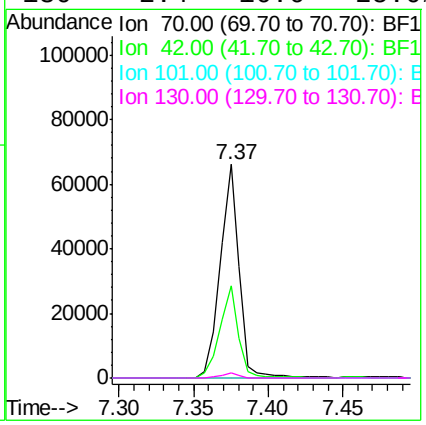


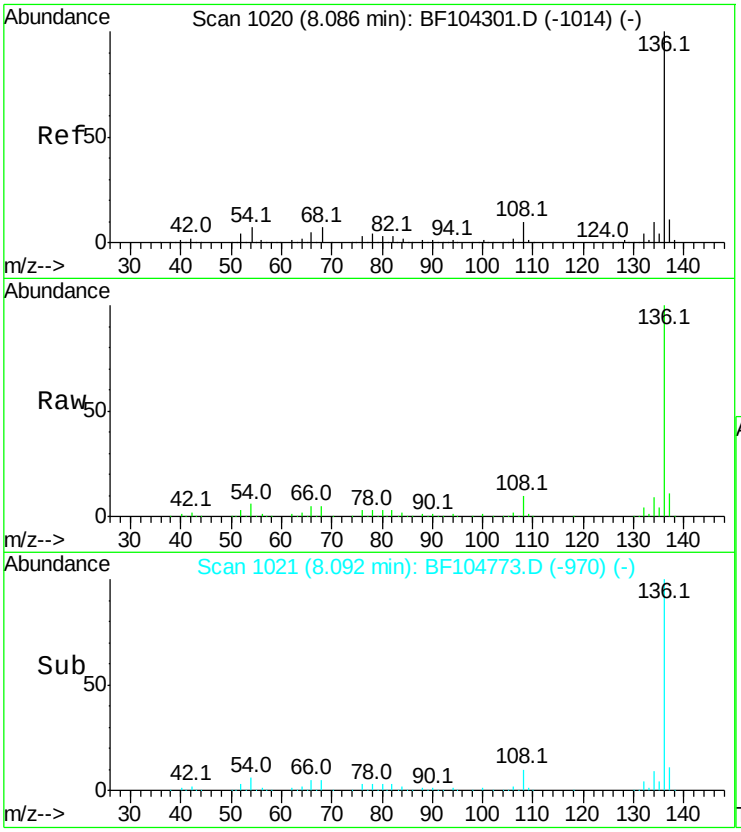


#19
n-Nitroso-di-n-propylamine
Concen: 11.844 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion: 70 Resp: 59761

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



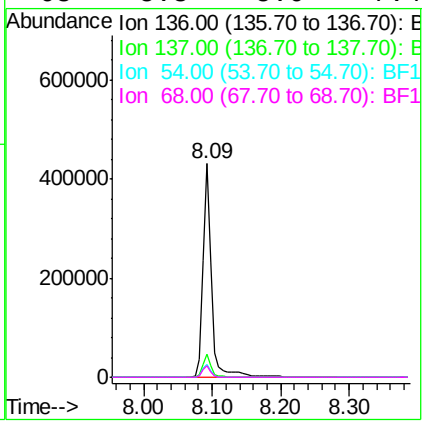


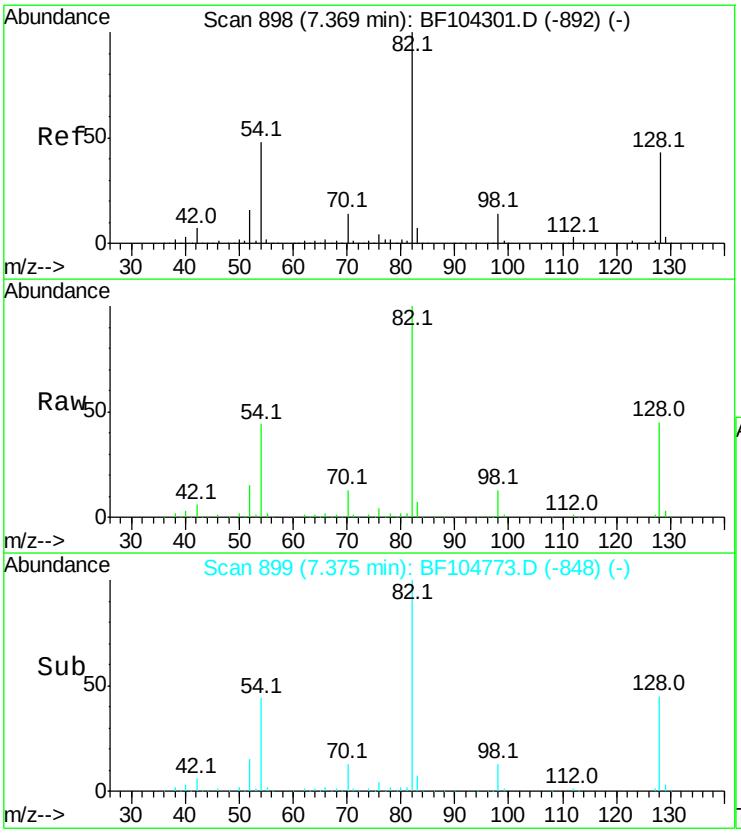
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 388497

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.0	6.6	9.8#
68	5.3	5.0	7.4

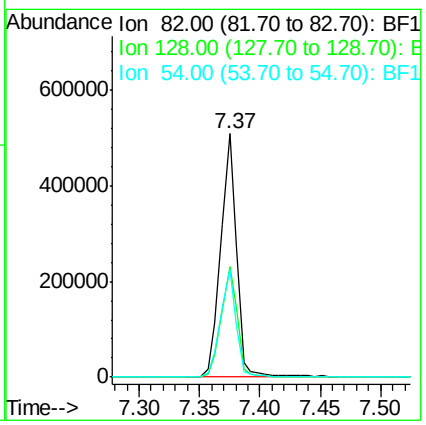


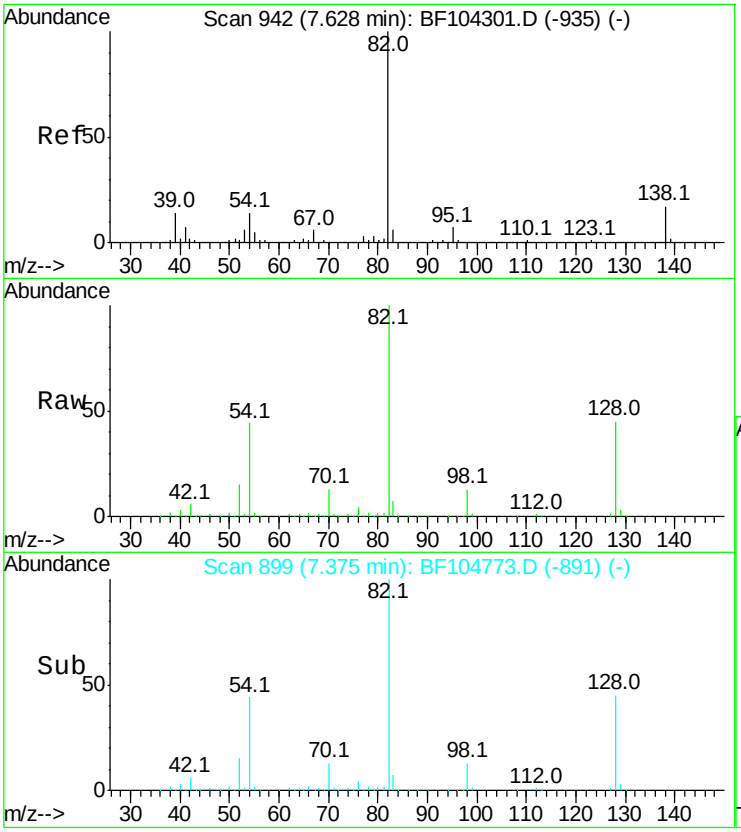


#23
Nitrobenzene-d5
Concen: 78.002 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion: 82 Resp: 464083

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	44.3	41.4	62.2



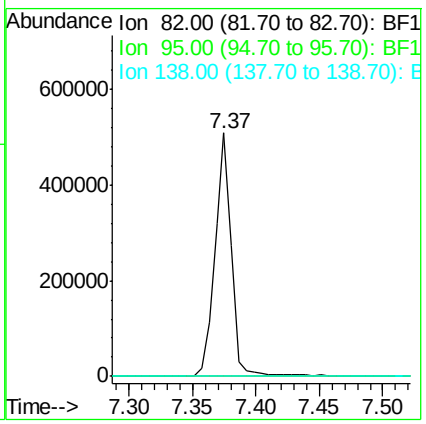


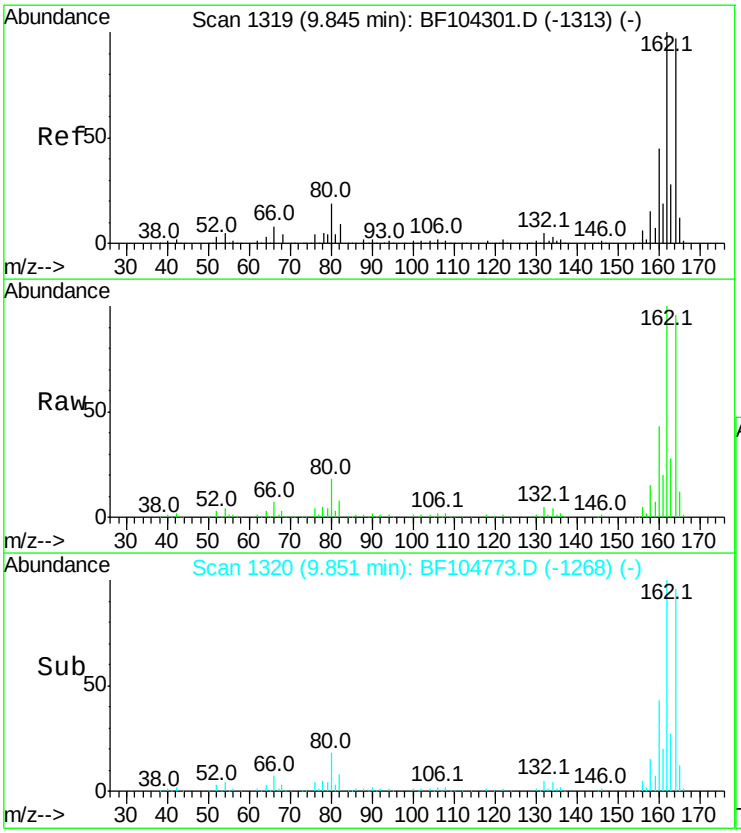
#25
Isophorone
Concen: 36.887 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 464079

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

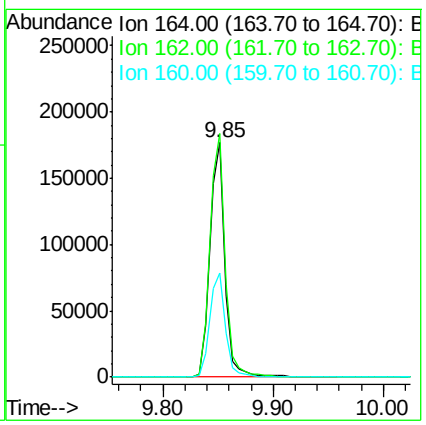


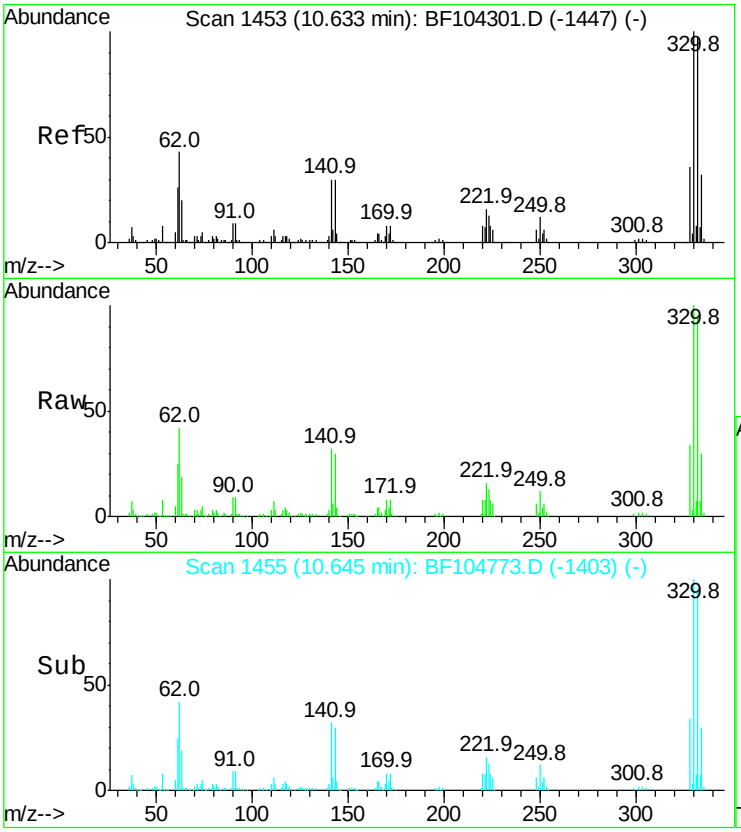


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:164 Resp: 161574

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	44.4	38.3	57.5



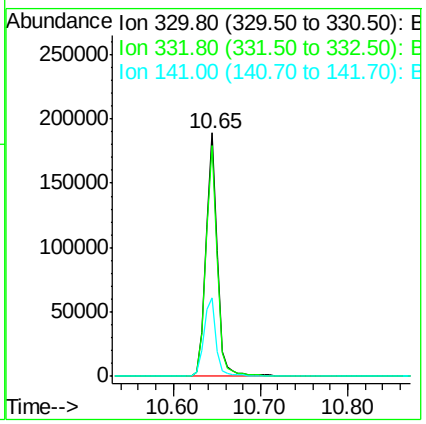


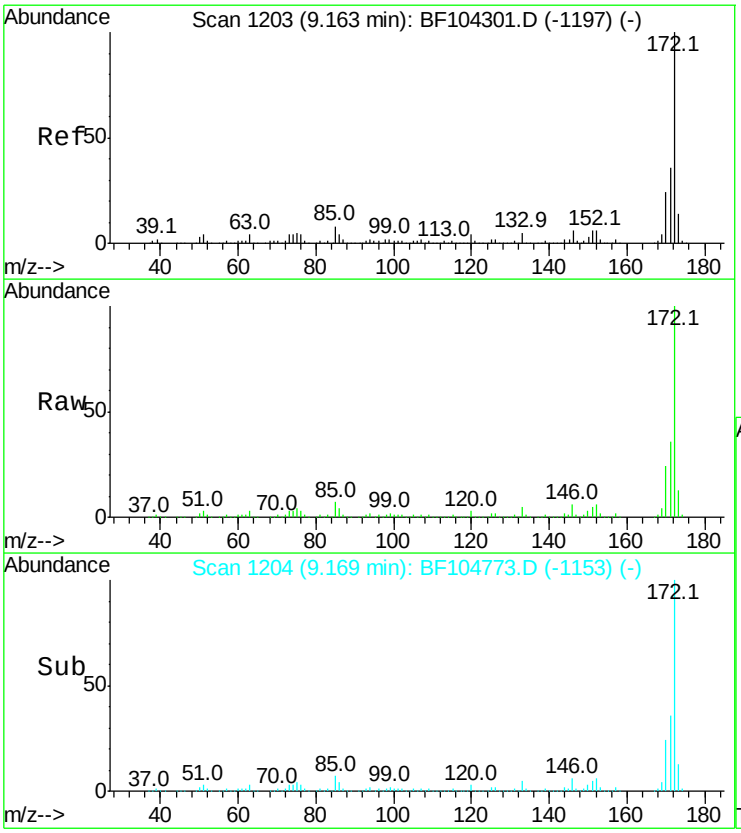
#41
2,4,6-Tribromophenol
Concen: 102.926 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 172510

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	34.0	29.9	44.9

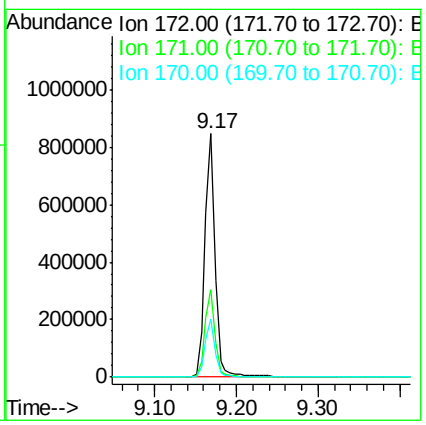


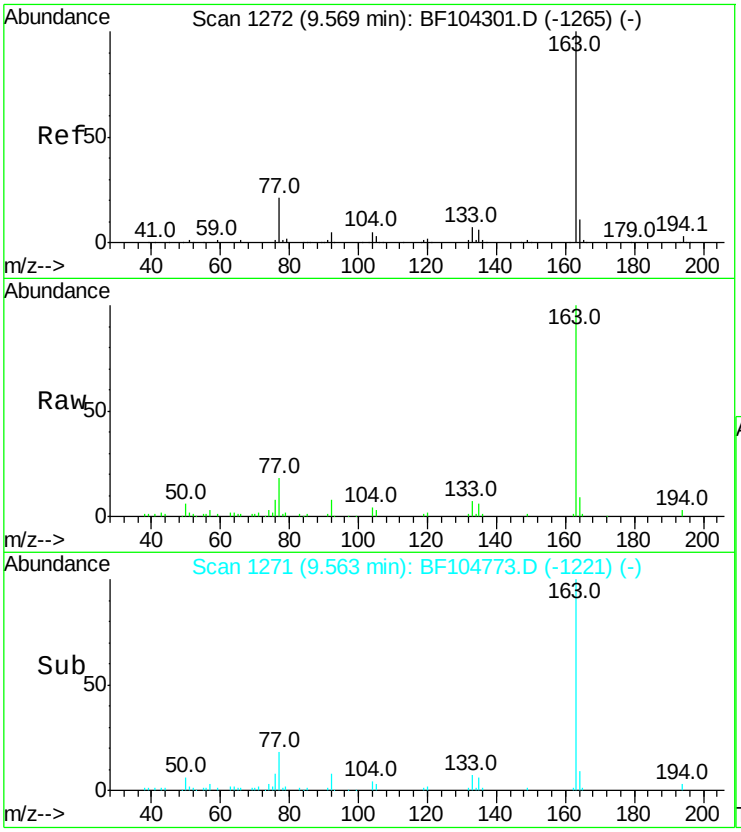


#44
2-Fluorobiphenyl
Concen: 72.362 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:172 Resp: 740105

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

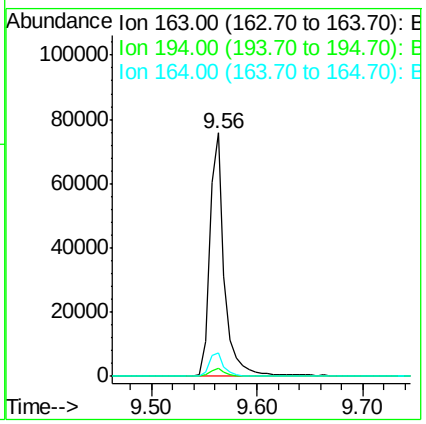




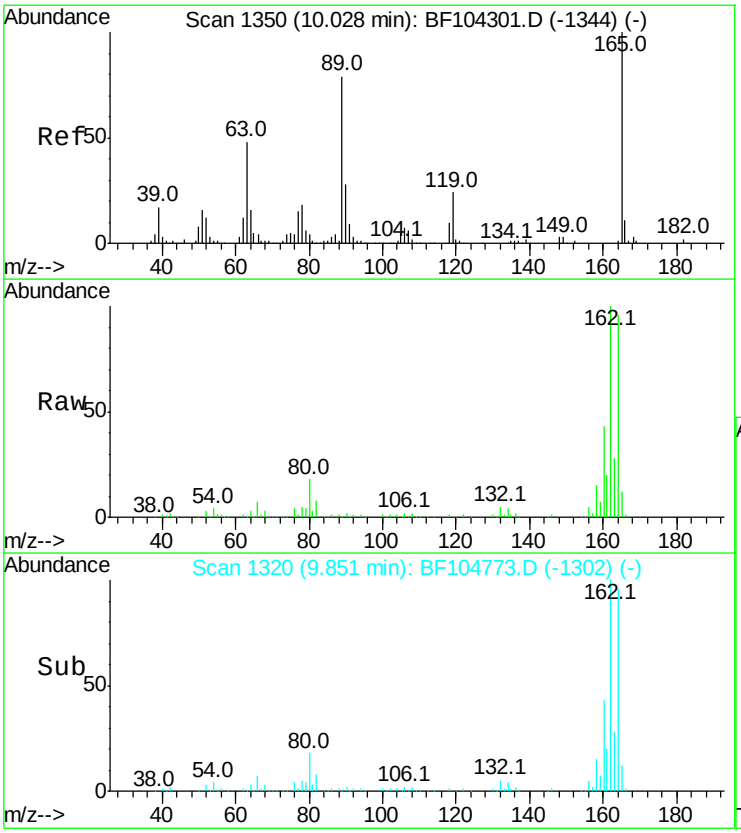
#49
Dimethylphthalate
Concen: 5.772 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:163 Resp: 73547

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2



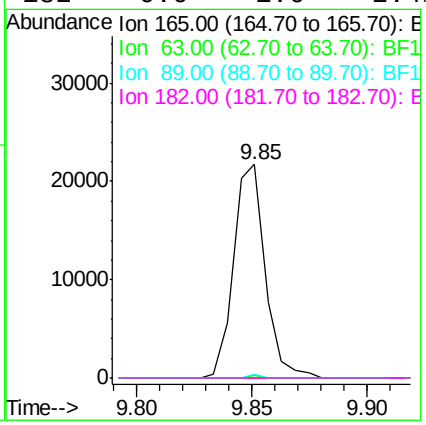
Instrument :
BNA_F
ClientSampleId :

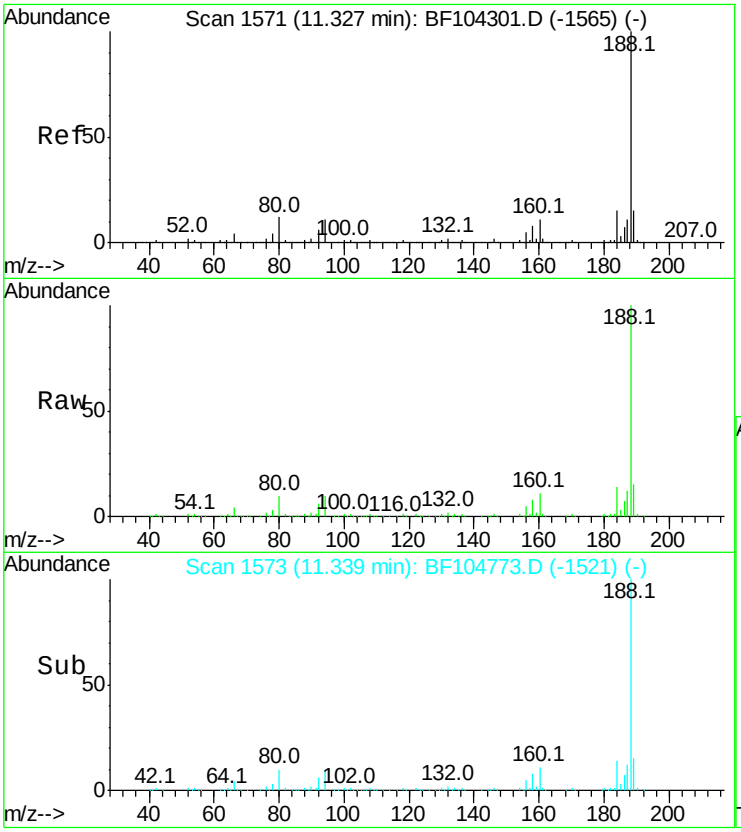


#56
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:165 Resp: 20730

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



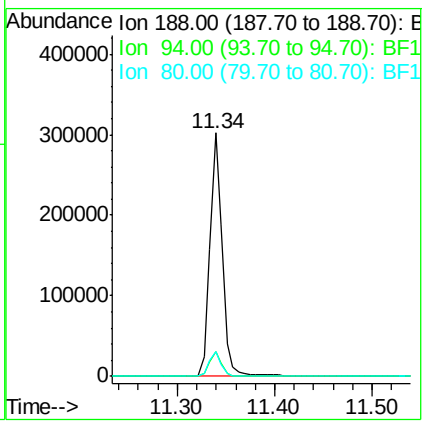


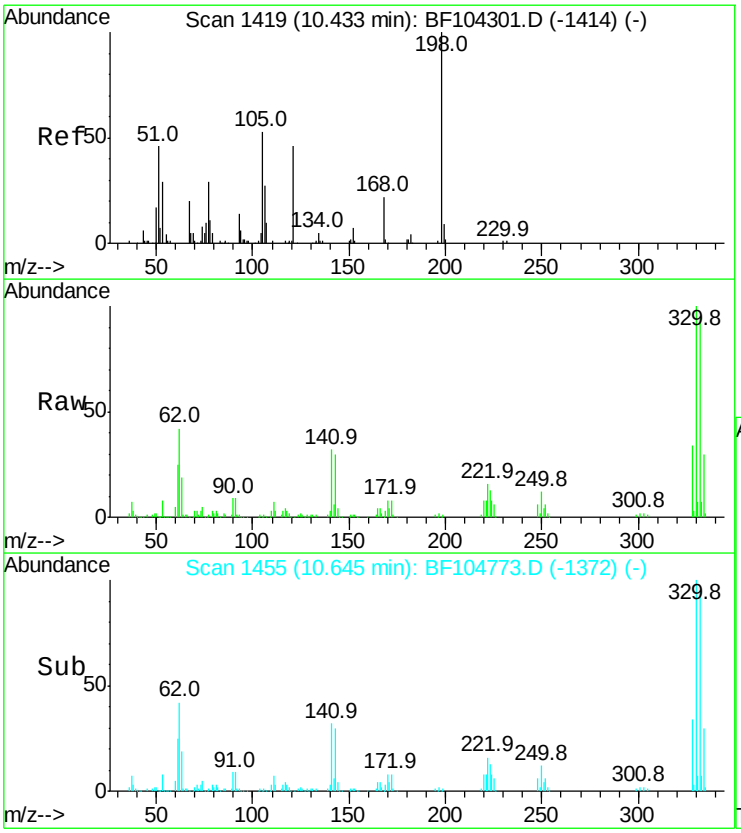
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 263848

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.3	9.2	13.8

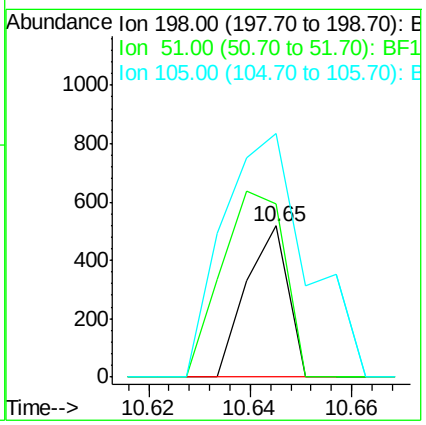


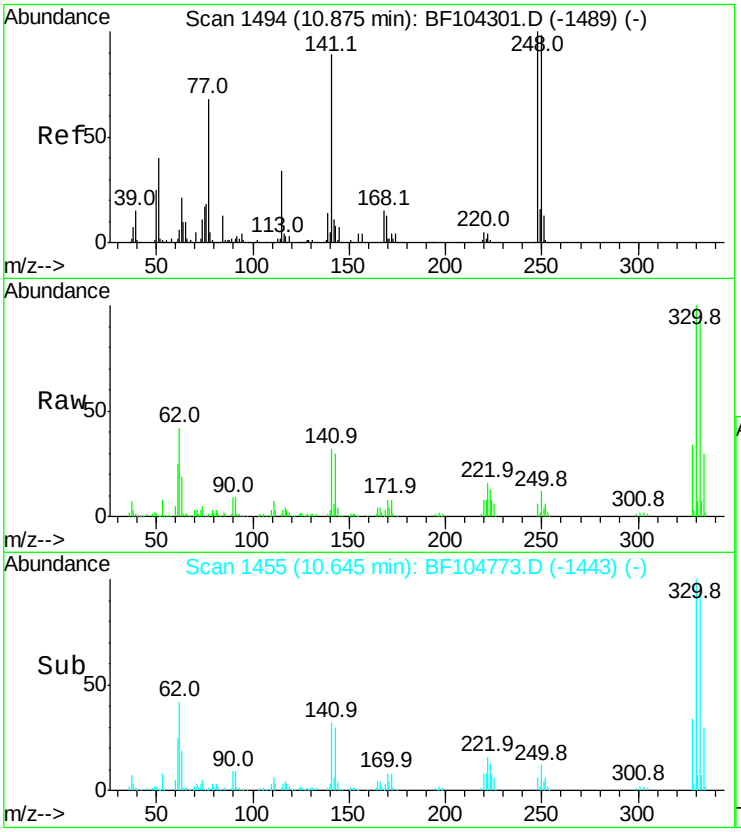


#64
4,6-Dinitro-2-methylphenol
Concen: 7.545 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:198 Resp: 300

Ion	Ratio	Lower	Upper
198	100		
51	114.7	37.7	77.7#
105	161.0	36.3	76.3#



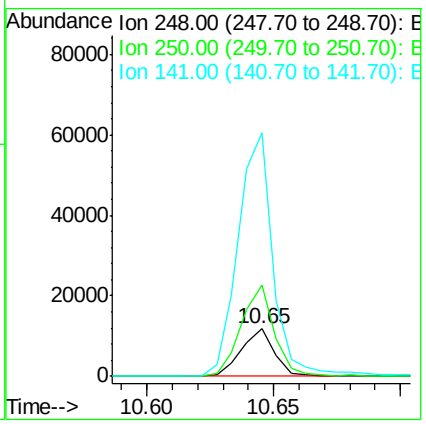


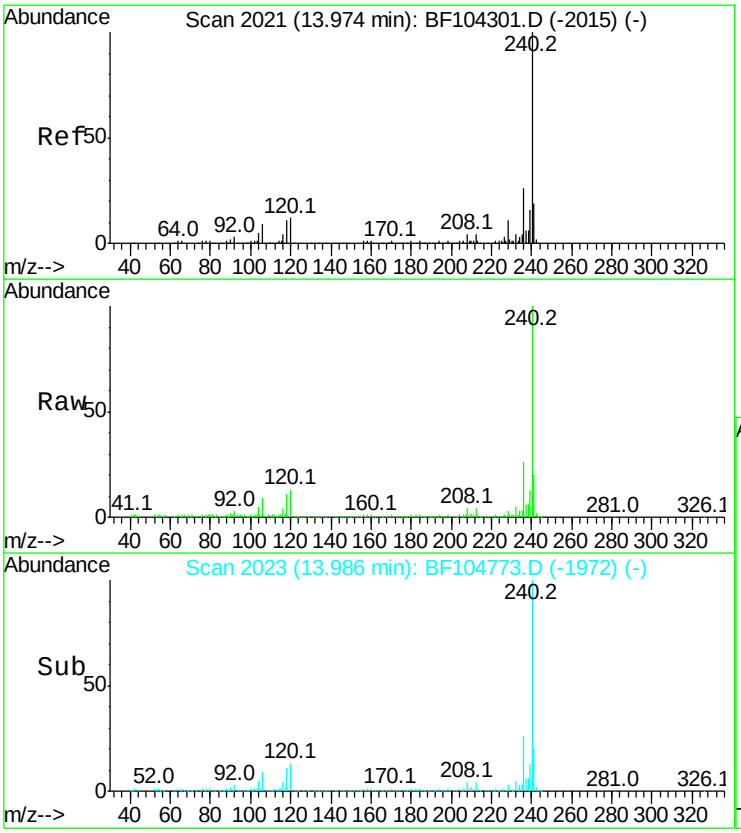
#66
4-Bromophenyl-phenylether
Concen: 3.762 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10559

Ion	Ratio	Lower	Upper
248	100		
250	193.7	76.9	115.3#
141	514.9	74.4	111.6#

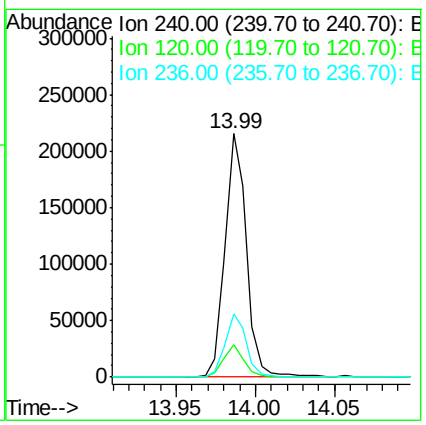


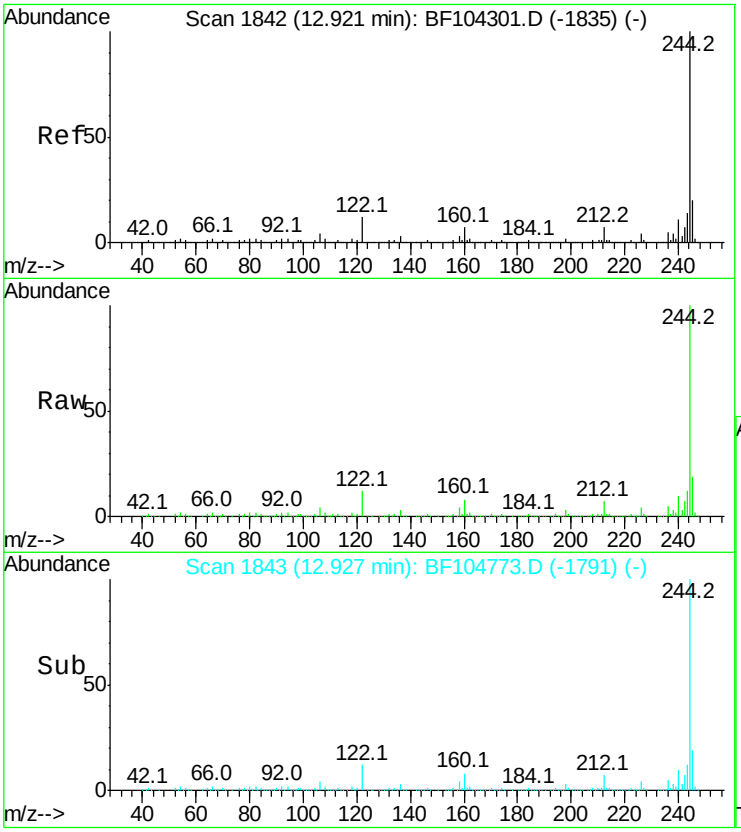


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:240 Resp: 201758

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.8	20.7	31.1



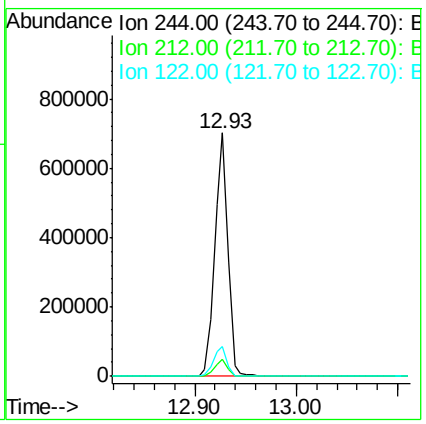


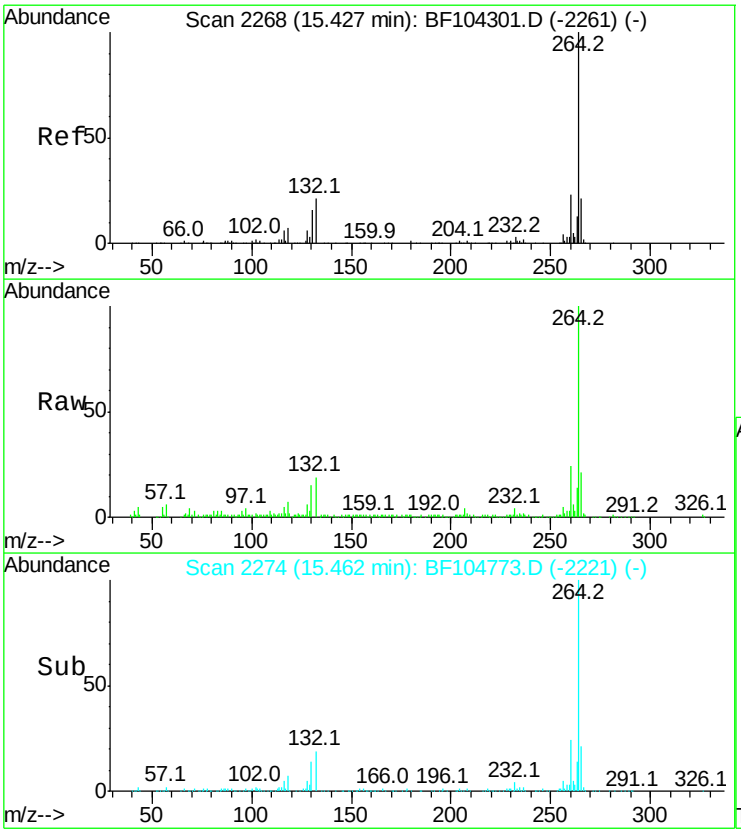
#78
Terphenyl-d14
Concen: 70.616 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 624933

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4

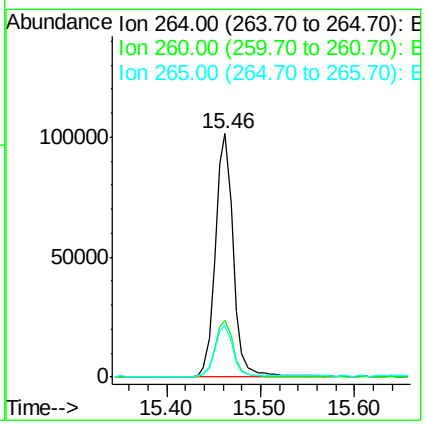


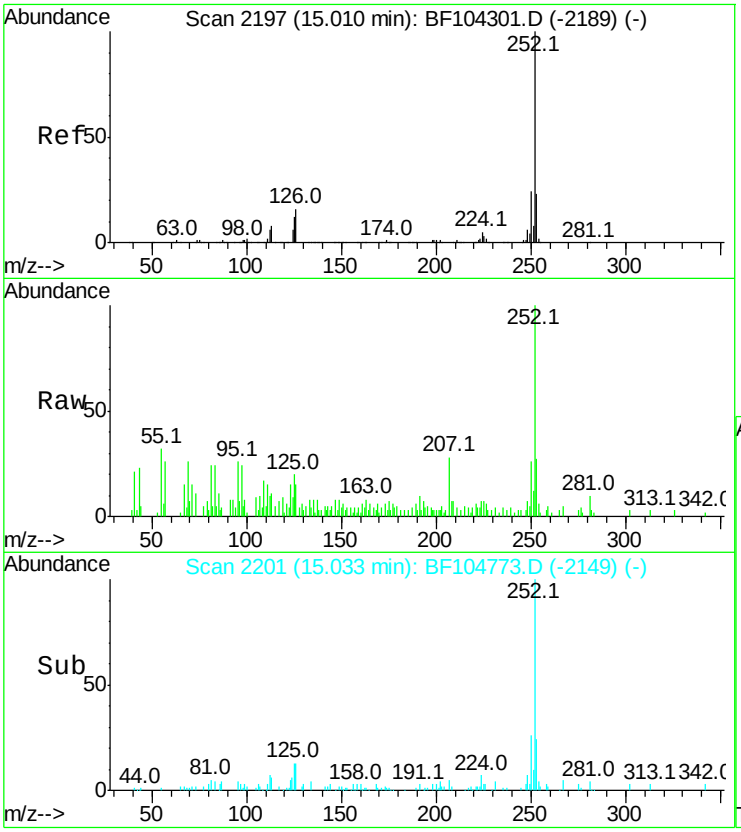


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:264 Resp: 136418

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



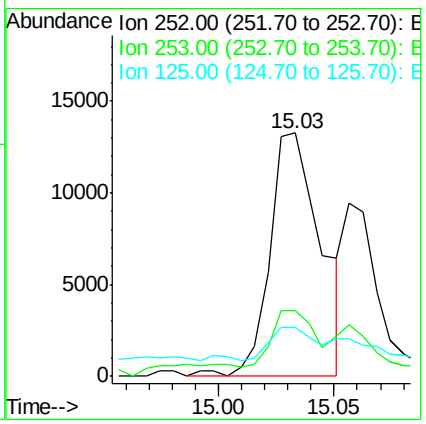


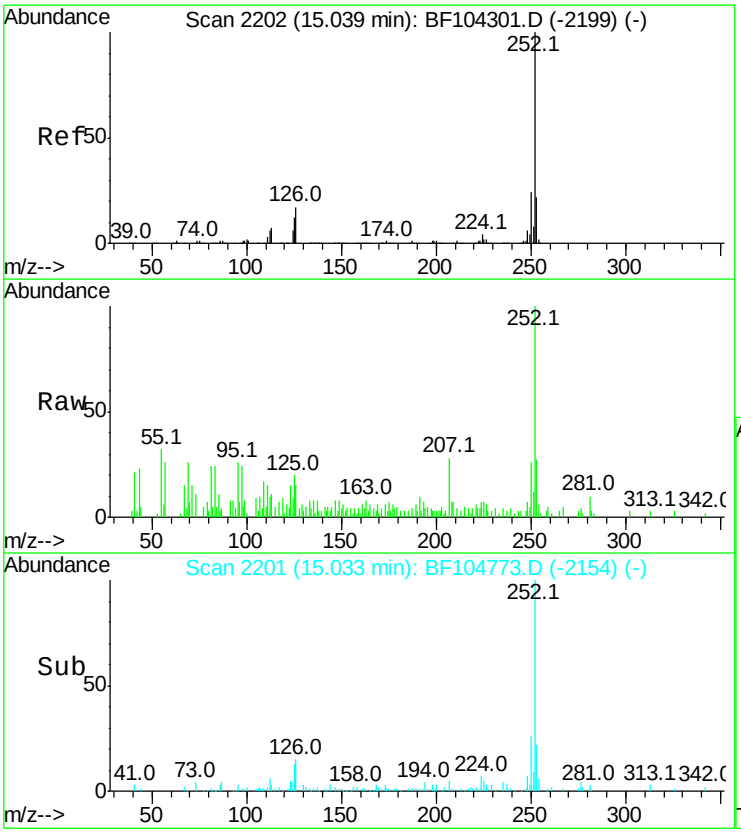
#87
Benzo(b)fluoranthene
Concen: 2.362 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 20347

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	20.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.501 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF104773.D
Acq: 24 Apr 2018 22:49

Tgt Ion:252 Resp: 20347

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	20.2	10.2	15.2#