Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104418.D
Acq On : 10 Apr 2018 19:26
Operator : JU/SJ
Sample : PB108119BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 11 00:55:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 12:04:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	123544	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	488742	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	201478	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	299679	20.00	ng	0.00
75) Chrysene-d12	13.97	240	254883	20.00	ng	-0.01
86) Perylene-d12	15.44	264	188918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	833991	103.22	ng	0.01
7) Phenol-d6	6.44	99	1006953	101.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	614252	82.07	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	184056	88.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1039500	81.51	ng	0.00
78) Terphenyl-d14	12.92	244	790797	70.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1447	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	81268	12.528	ng	# 73
25) Isophorone	7.37	82	612989	38.729	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	25463	8.661	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	25463	6.603	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	455	7.611	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11180	3.507	ng	# 1
76) Benzidine	12.67	184	6385	Below Cal		97

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

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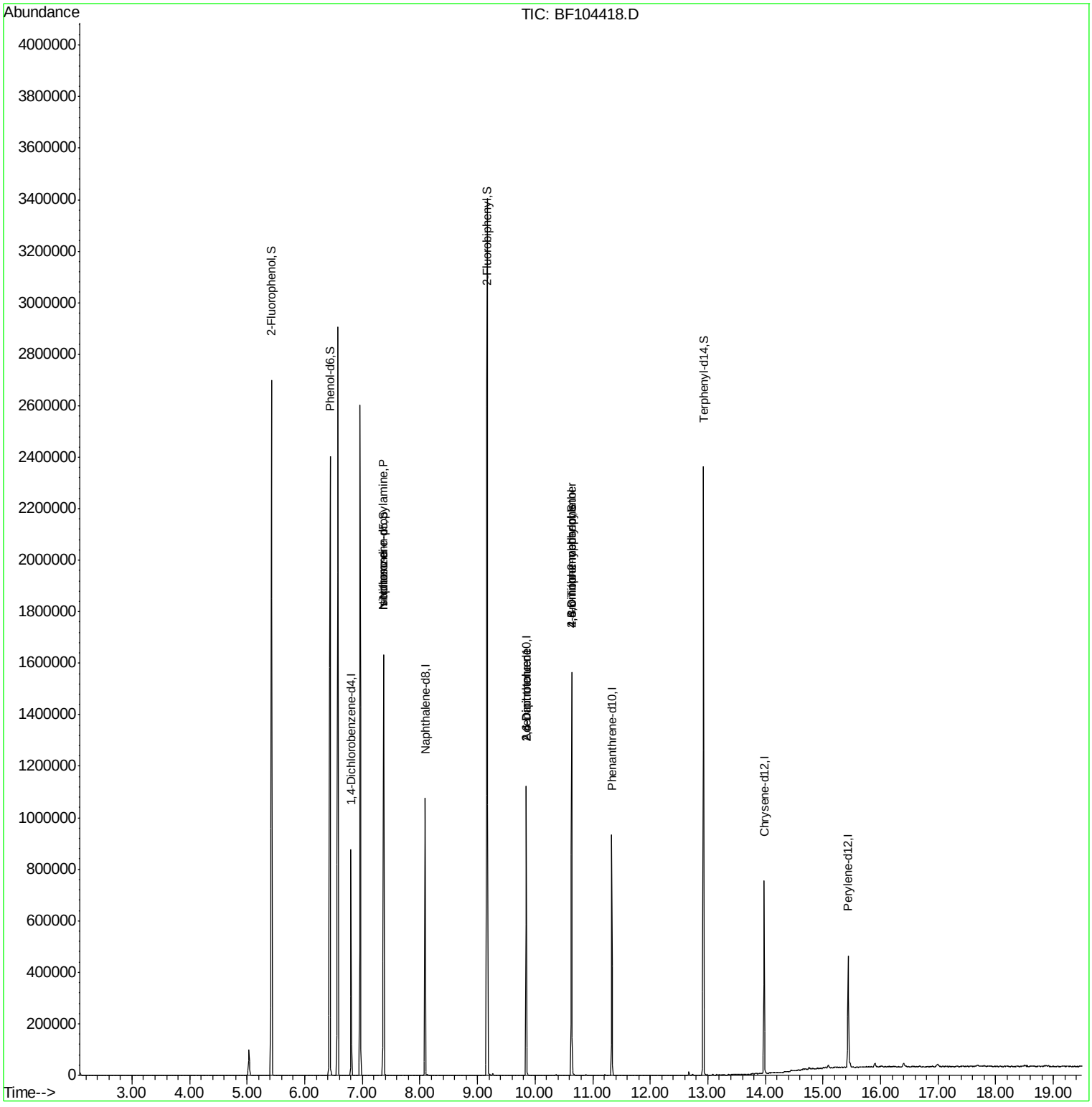
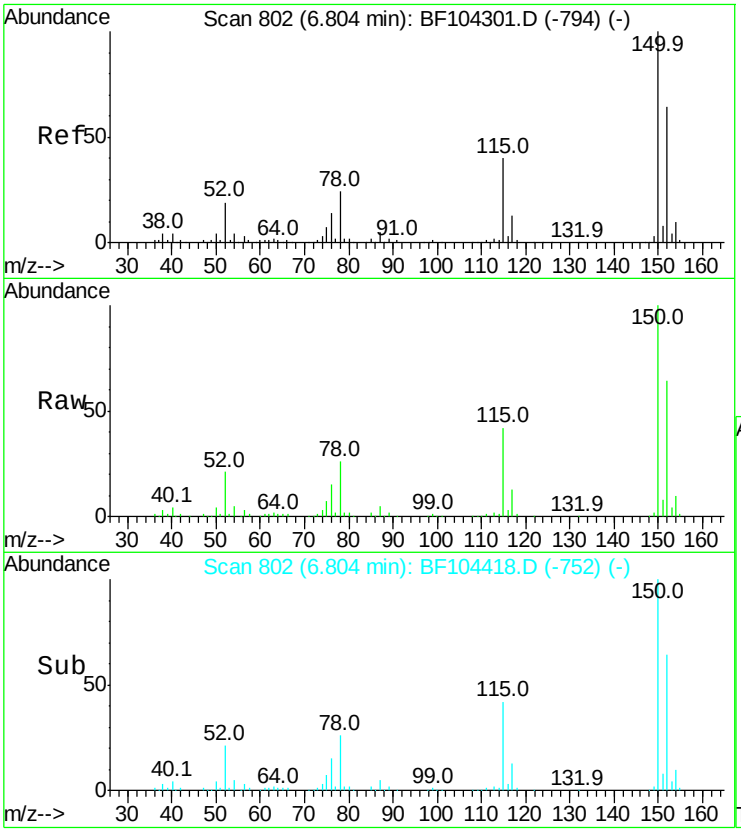


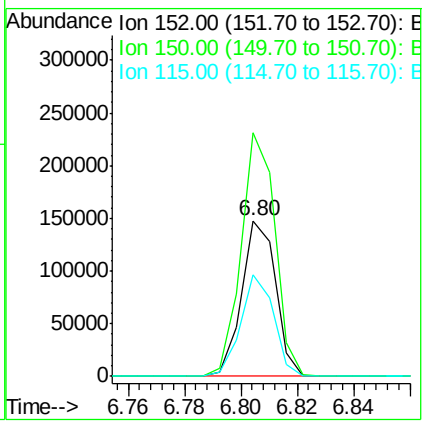


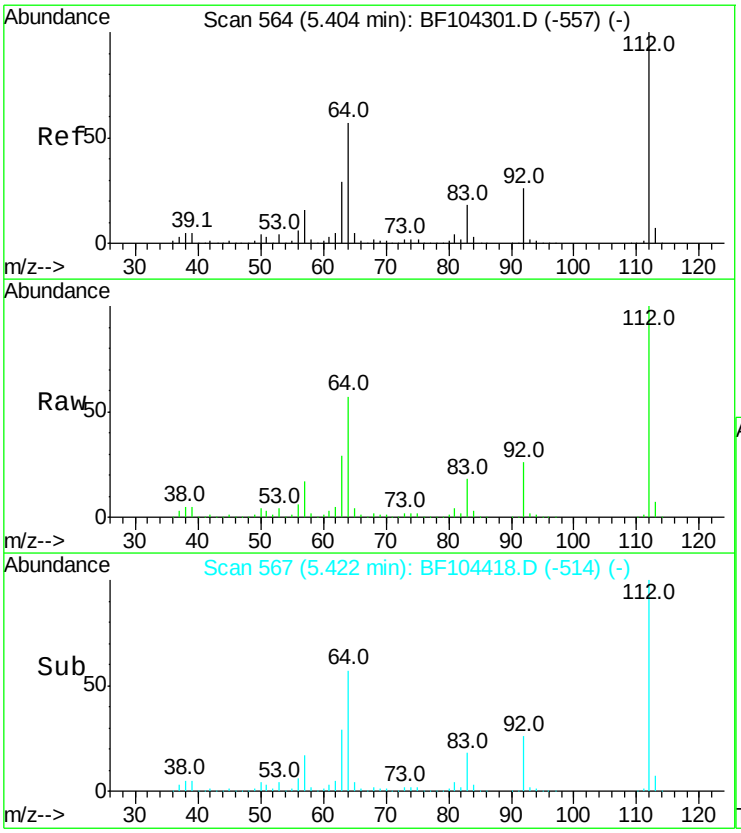
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123544

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	65.4	50.1	75.1

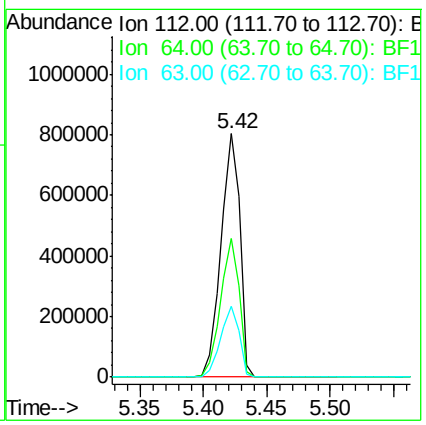


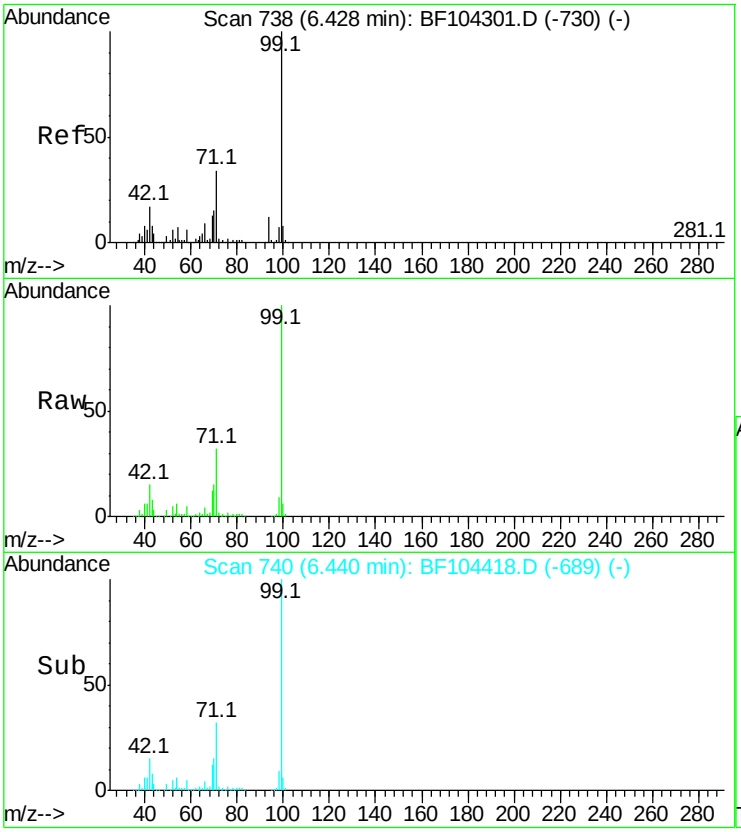


#5
2-Fluorophenol
Concen: 103.220 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion:112 Resp: 833991

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	29.1	23.7	35.5



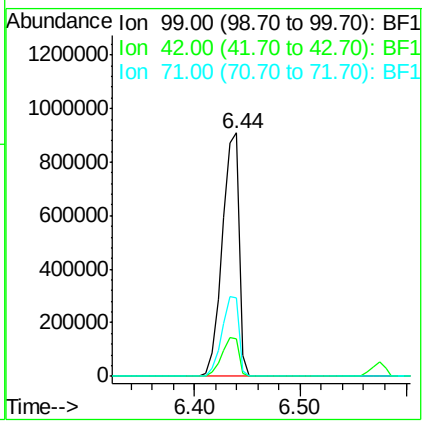


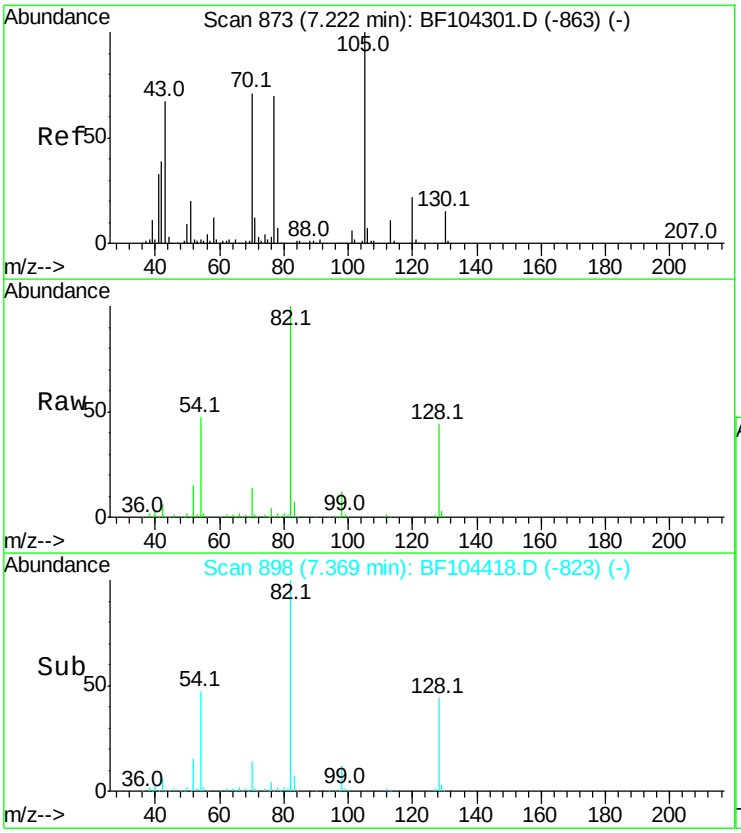
#7
Phenol-d6
Concen: 101.432 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1006953

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	32.3	25.4	38.0

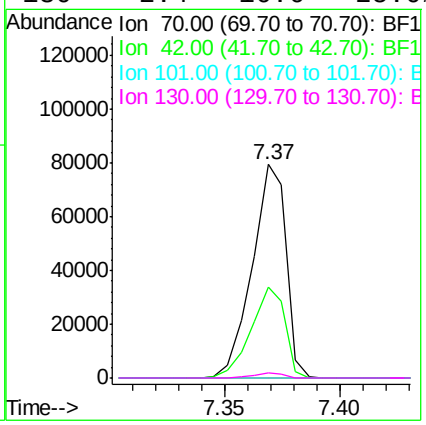


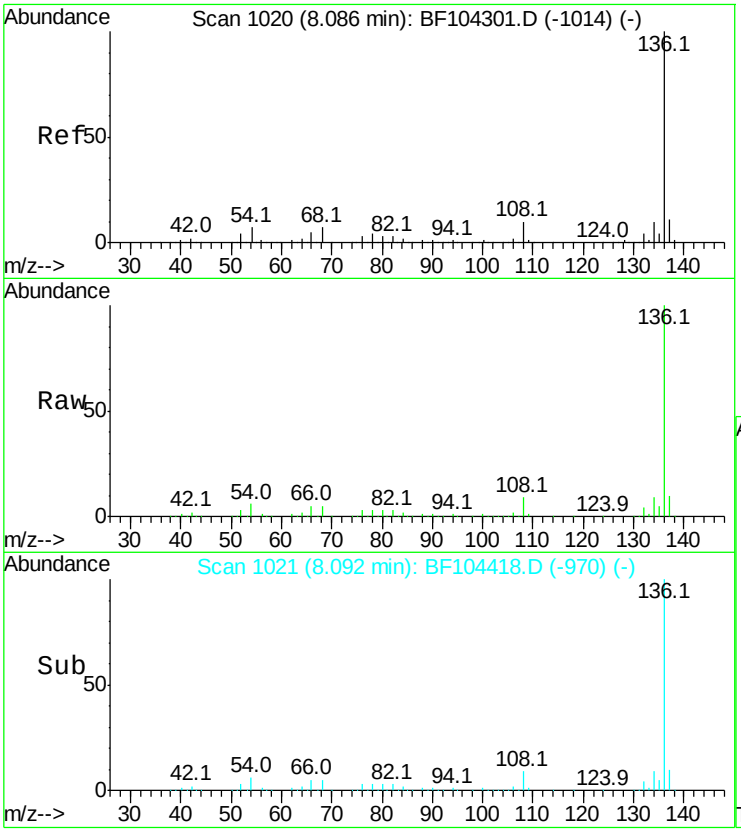


#19
n-Nitroso-di-n-propylamine
Concen: 12.528 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion: 70 Resp: 81268

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



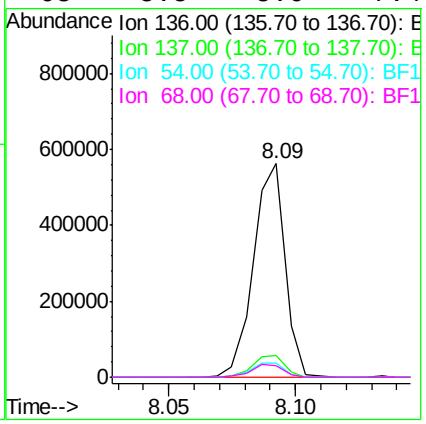


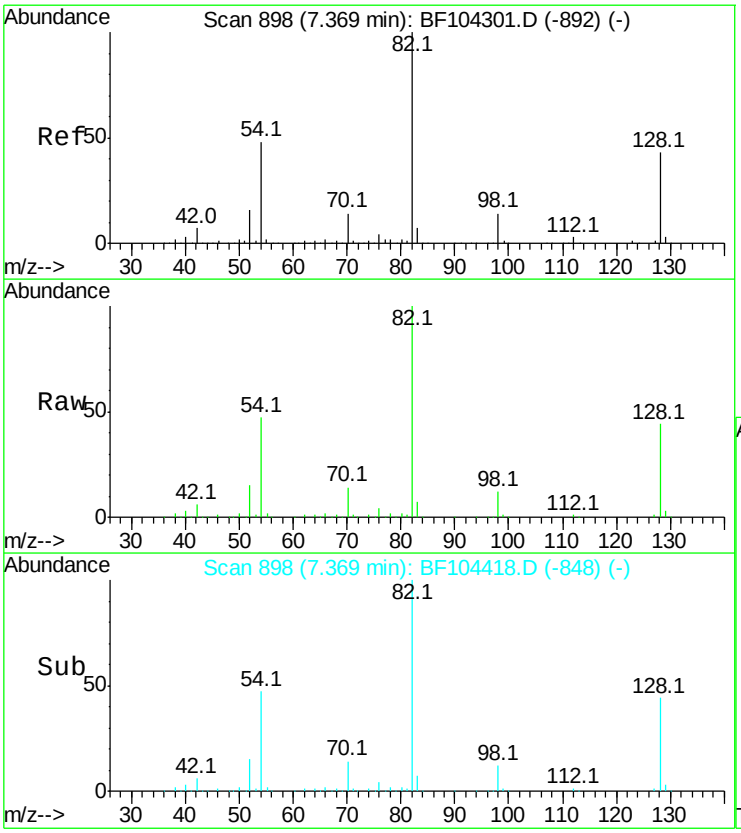
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 488742

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4

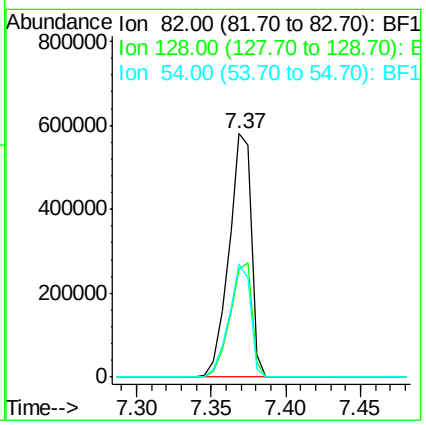


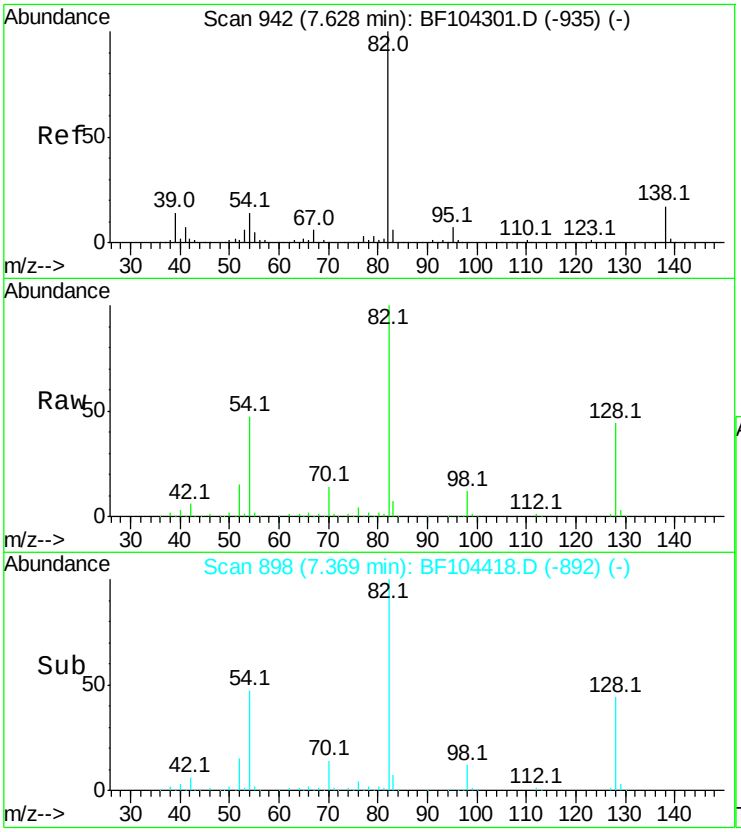


#23
Nitrobenzene-d5
Concen: 82.067 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion: 82 Resp: 614252

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	46.7	41.4	62.2



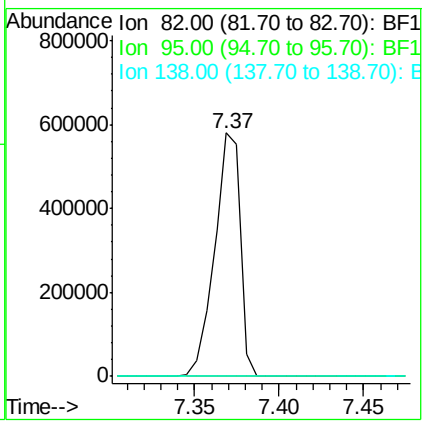


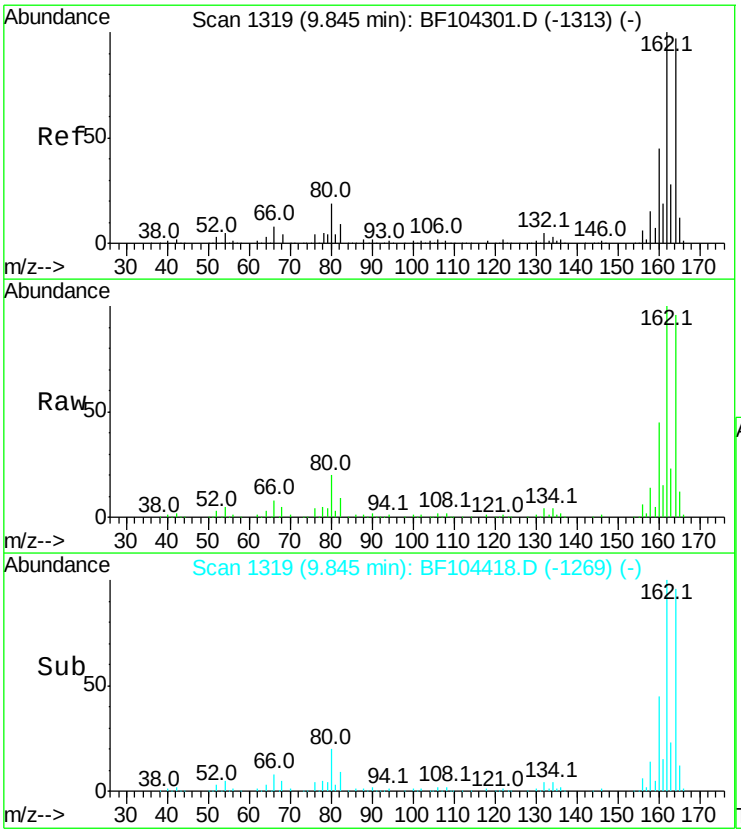
#25
Isophorone
Concen: 38.729 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 612989

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

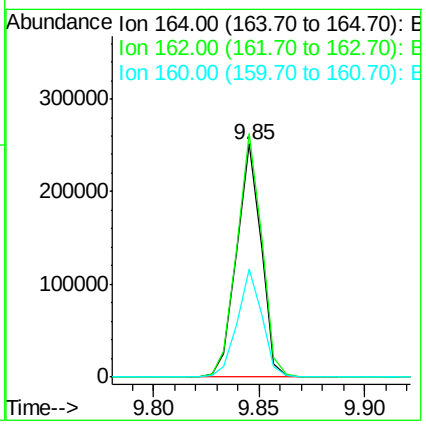


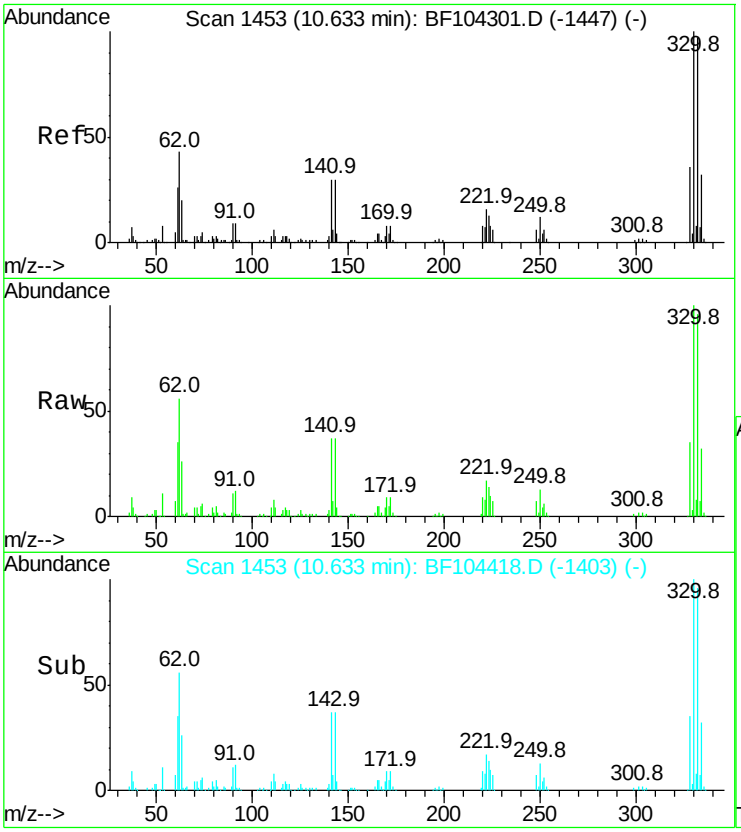


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion:164 Resp: 201478

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.5	38.3	57.5



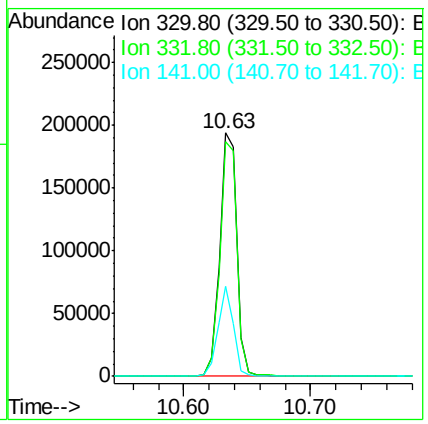


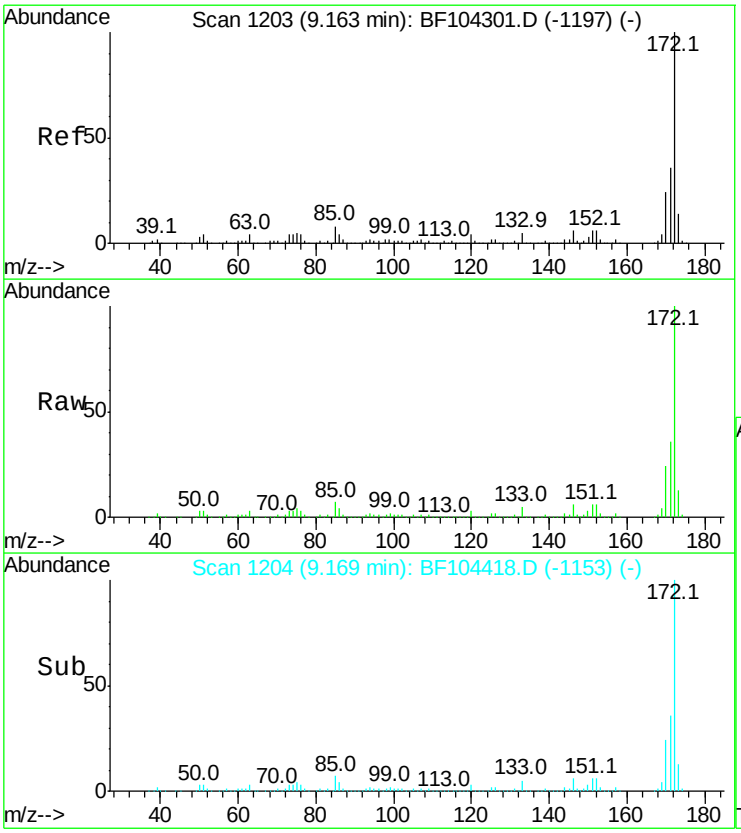
#41
2,4,6-Tribromophenol
Concen: 88.066 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 184056

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.6	29.9	44.9

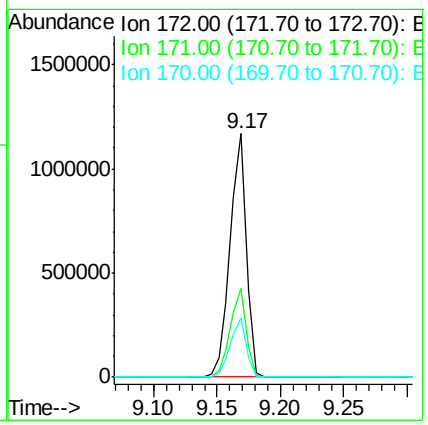


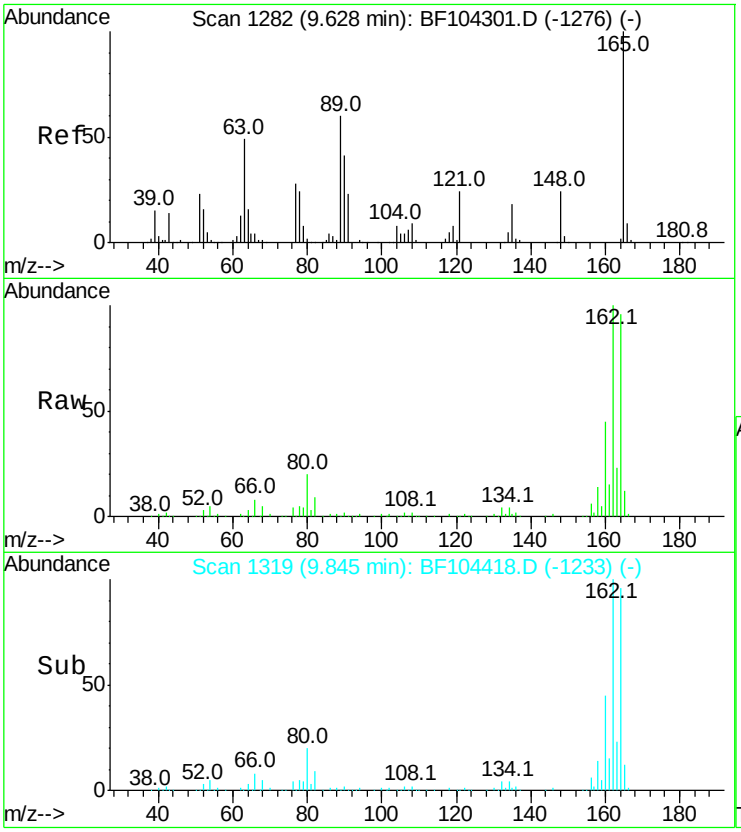


#44
2-Fluorobiphenyl
Concen: 81.505 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion:172 Resp: 1039500

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



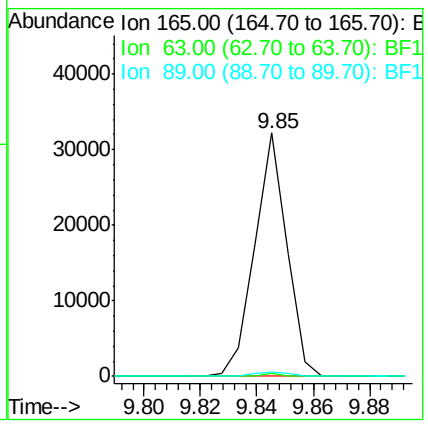


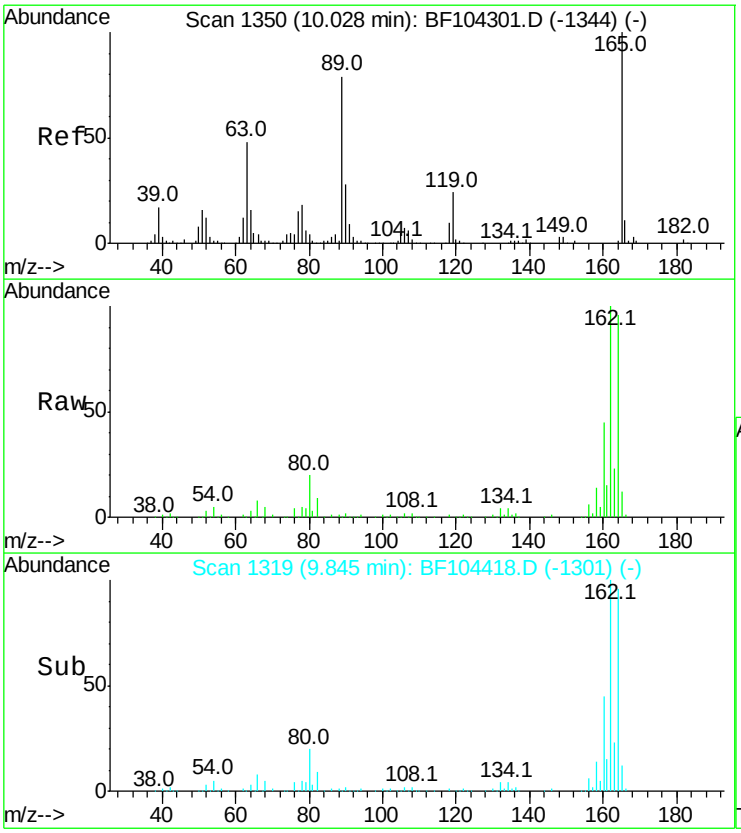
#50
2,6-Dinitrotoluene
Concen: 8.661 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25463

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#

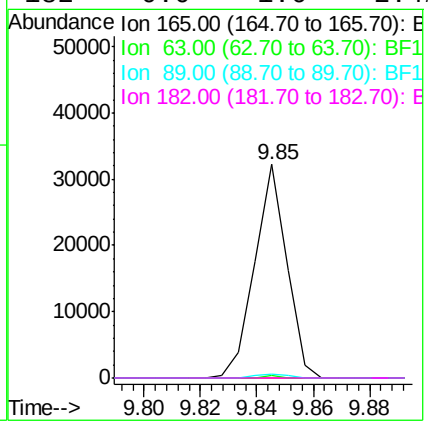


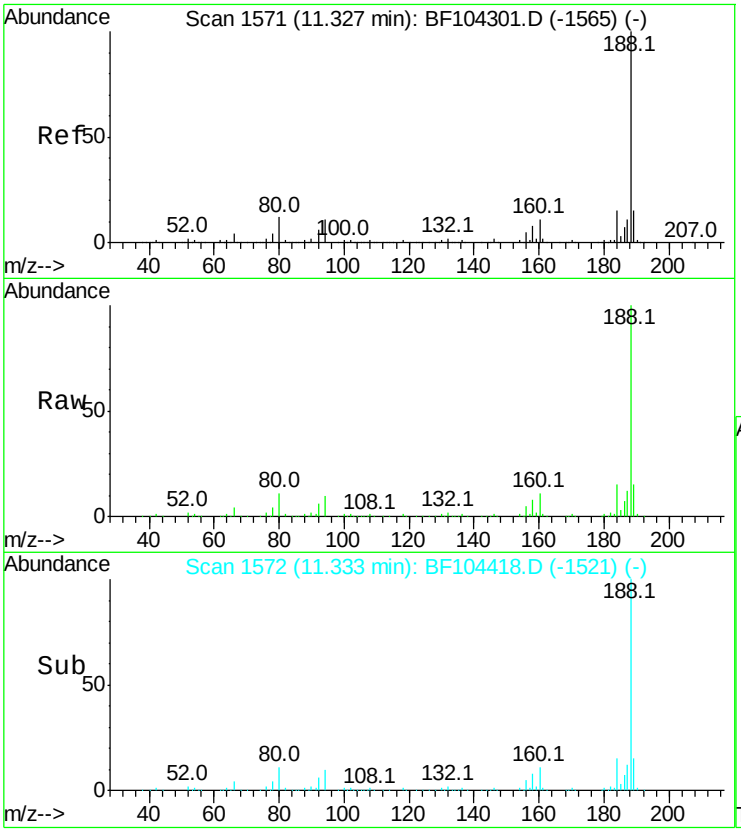


#56
2,4-Dinitrotoluene
Concen: 6.603 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion:165 Resp: 25463

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



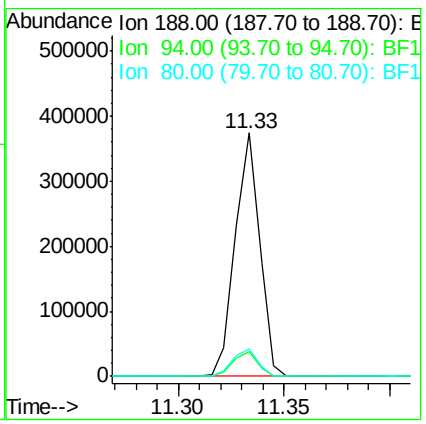


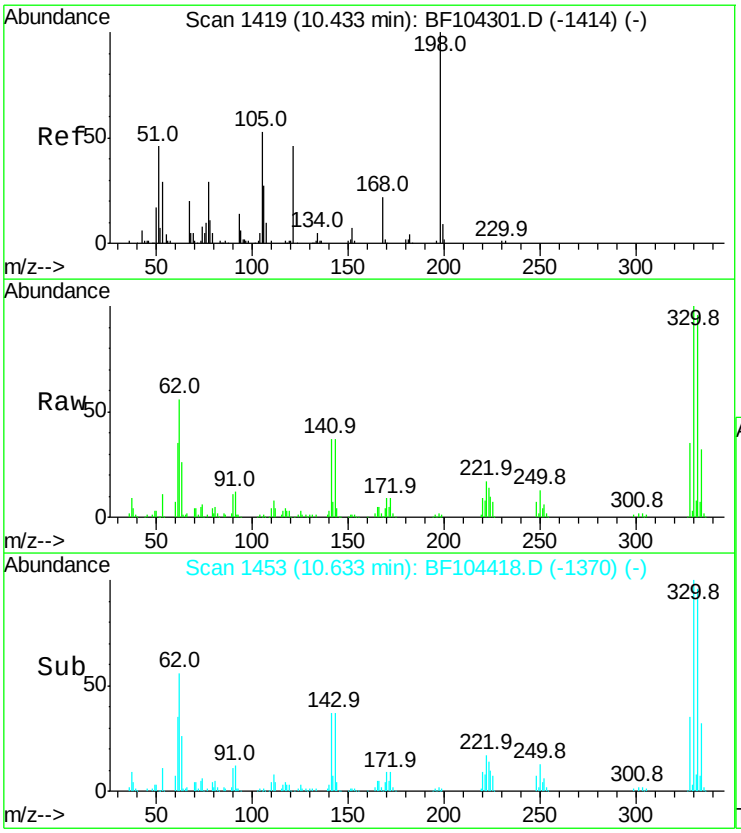
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 299679

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8

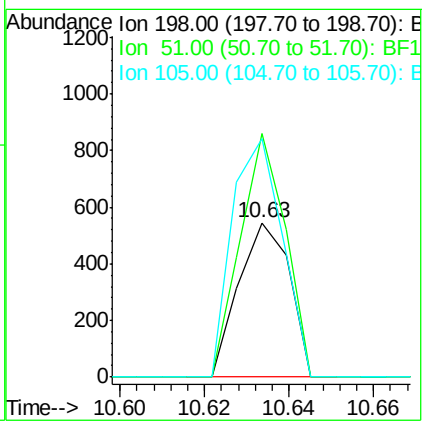


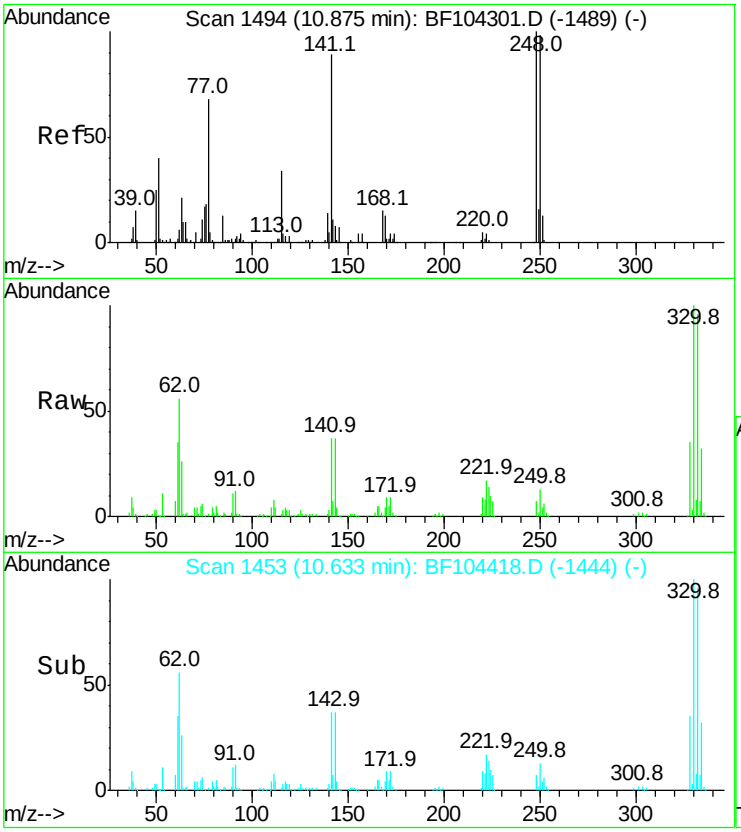


#64
4,6-Dinitro-2-methylphenol
Concen: 7.611 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion:198 Resp: 455

Ion	Ratio	Lower	Upper
198	100		
51	157.8	37.7	77.7#
105	154.5	36.3	76.3#



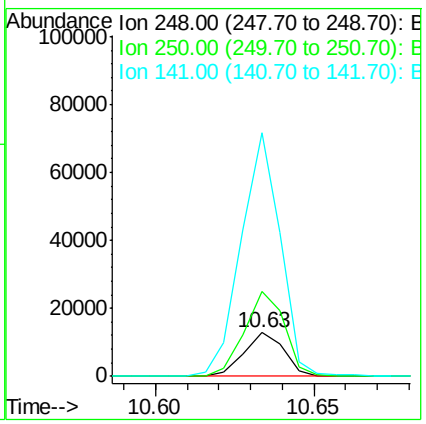


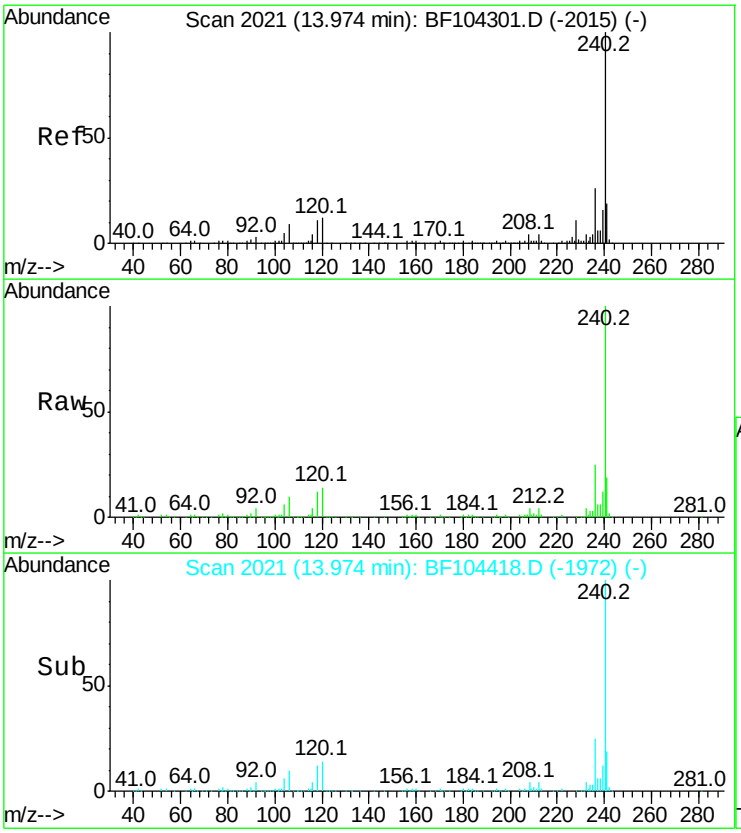
#66
4-Bromophenyl-phenylether
Concen: 3.507 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11180

Ion	Ratio	Lower	Upper
248	100		
250	194.1	76.9	115.3#
141	556.8	74.4	111.6#

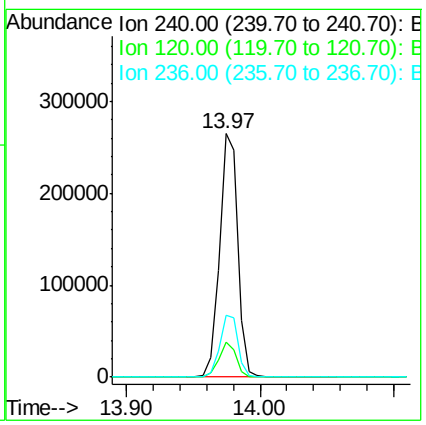


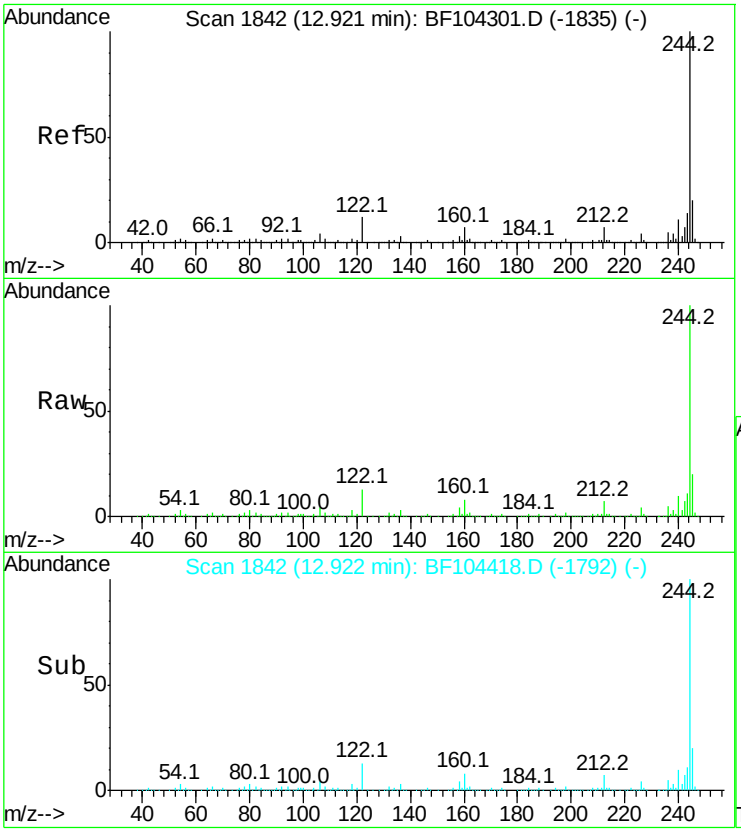


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion:240 Resp: 254883

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3
236	25.3	20.7	31.1



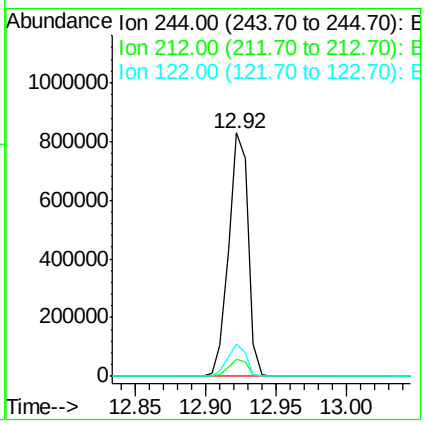


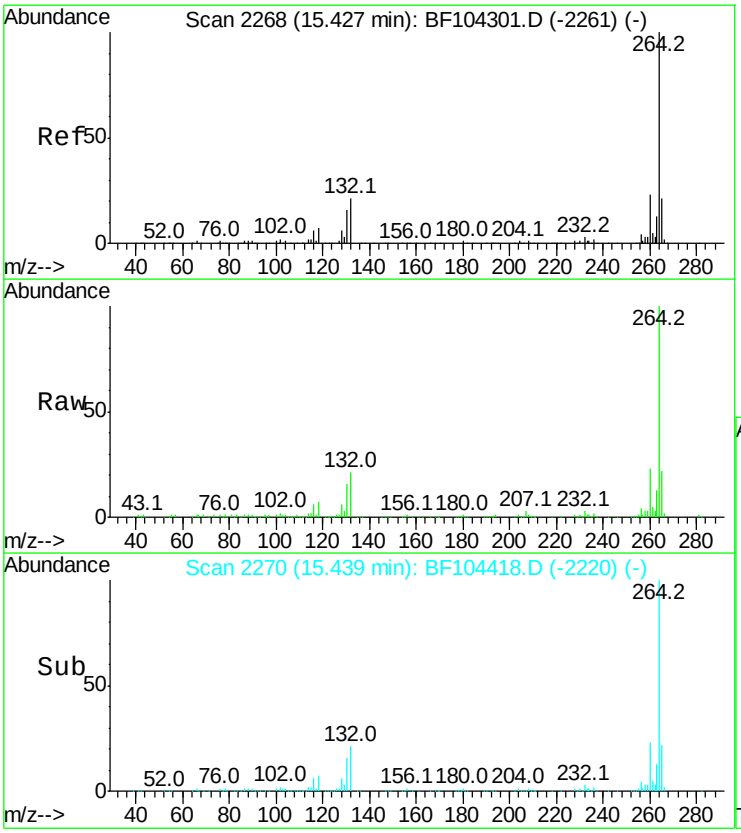
#78
Terphenyl-d14
Concen: 70.734 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 790797

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104418.D
Acq: 10 Apr 2018 19:26

Tgt Ion:264 Resp: 188918

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.5	26.3