Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041018\
Data File : BF104405.D
Acq On : 10 Apr 2018 13:42
Operator : JU/SJ
Sample : J2280-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Time: Apr 10 14:36:22 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	6.81	152	115882	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	423376	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	153409	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	248242	20.00	ng	0.00
75) Chrysene-d12	13.98	240	283480	20.00	ng	0.00
86) Perylene-d12	15.44	264	214445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	996631	131.50	ng	0.02
7) Phenol-d6	6.45	99	1171634	125.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	702477	108.34	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	200765	126.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	968339	99.72	ng	0.00
78) Terphenyl-d14	12.93	244	828602	66.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1724	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	91421	15.024	ng	# 75
25) Isophorone	7.37	82	700588	51.098	ng	# 64
49) Dimethylphthalate	9.56	163	99382	8.215	ng	99
56) 2,4-Dinitrotoluene	9.85	165	19466	6.629	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.64	198	354	7.595	ng	# 2
66) 4-Bromophenyl-phenylether	10.64	248	12444	4.713	ng	# 1
76) Benzidine	12.93	184	10954	Below Cal		99

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

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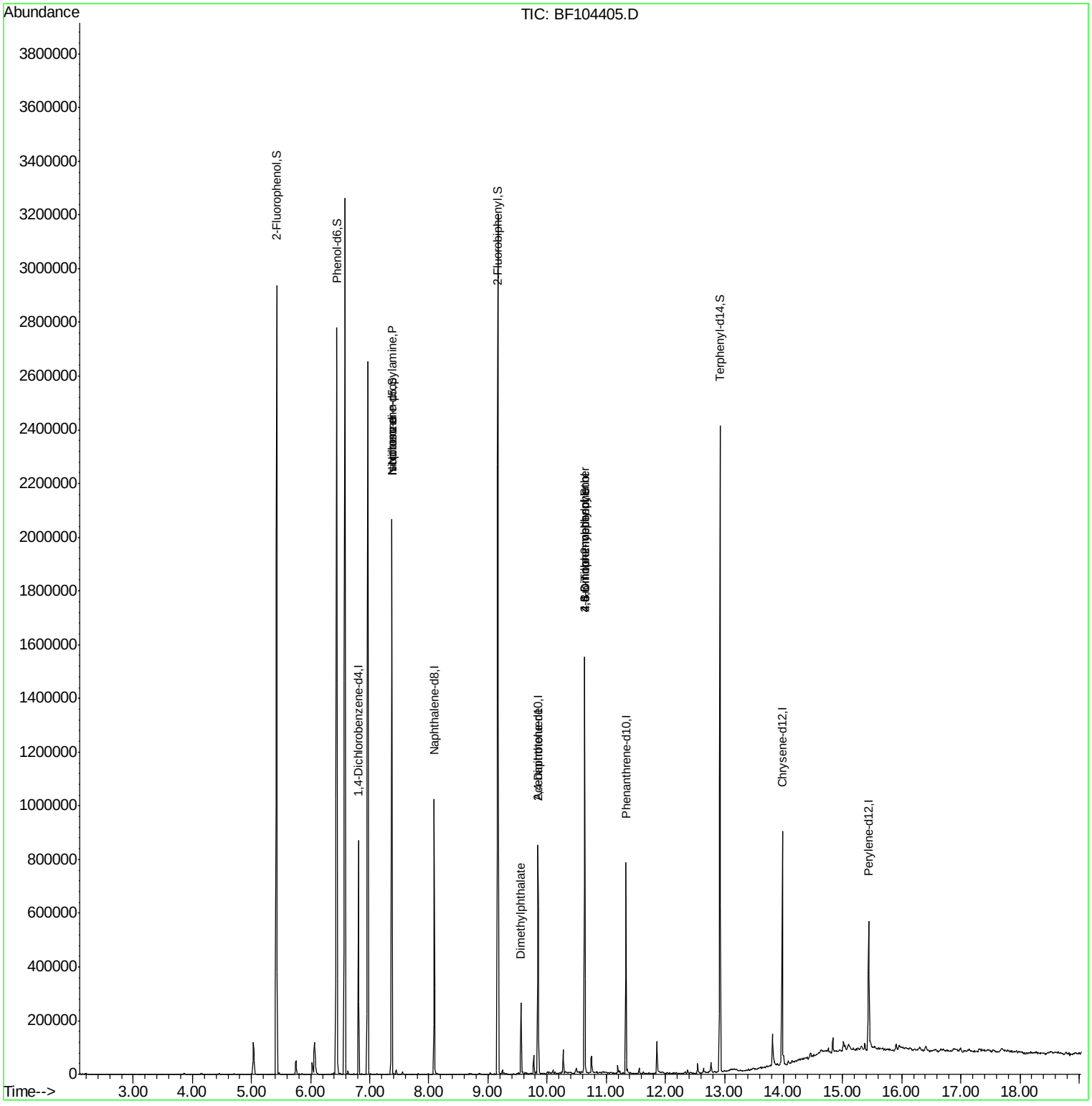
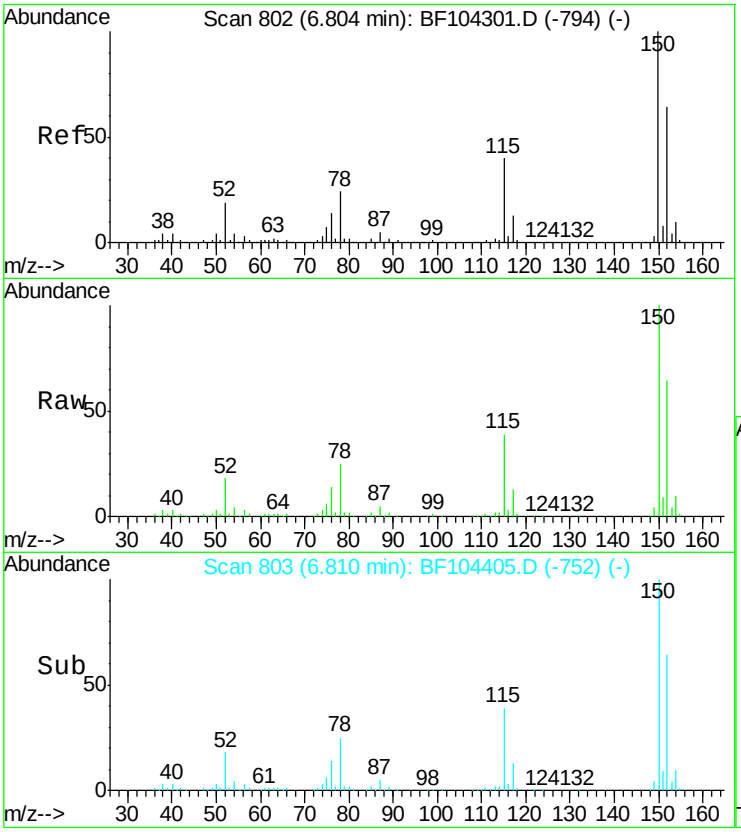


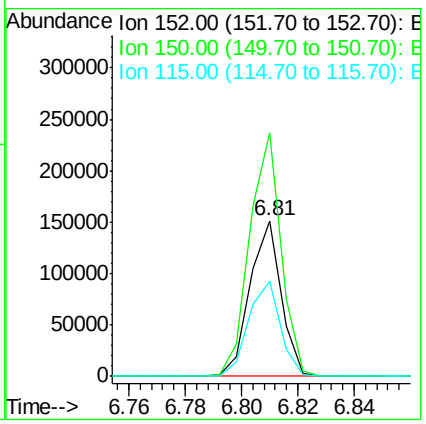


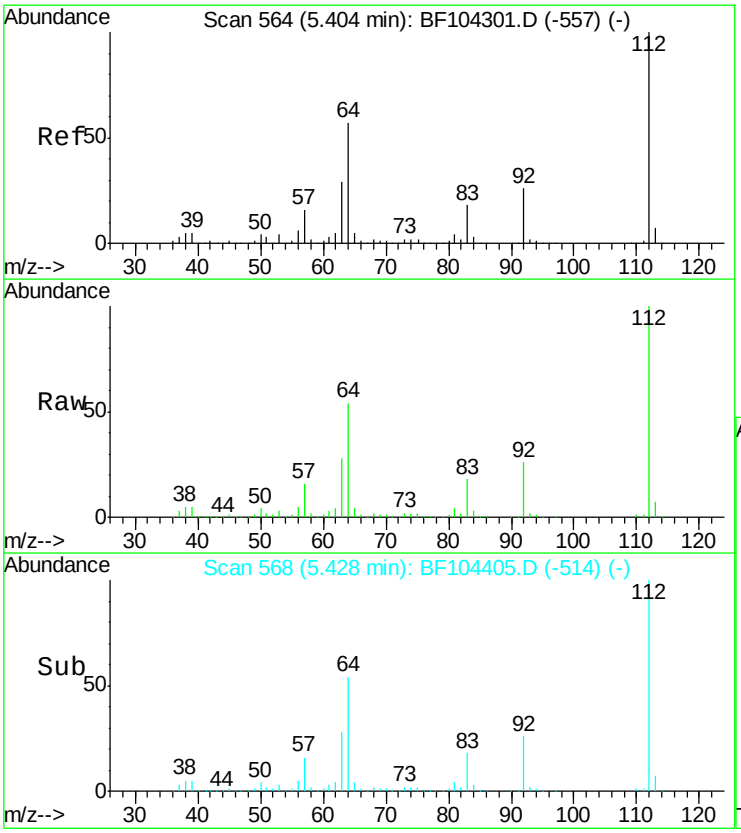
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:152 Resp: 115882

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	61.0	50.1	75.1

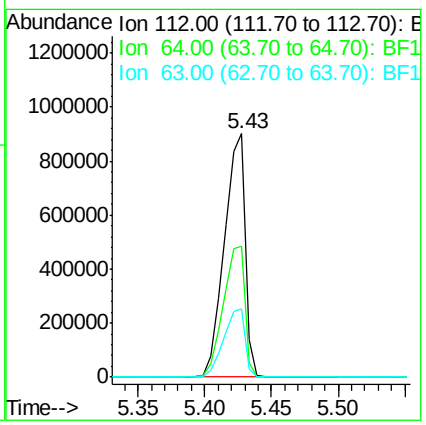


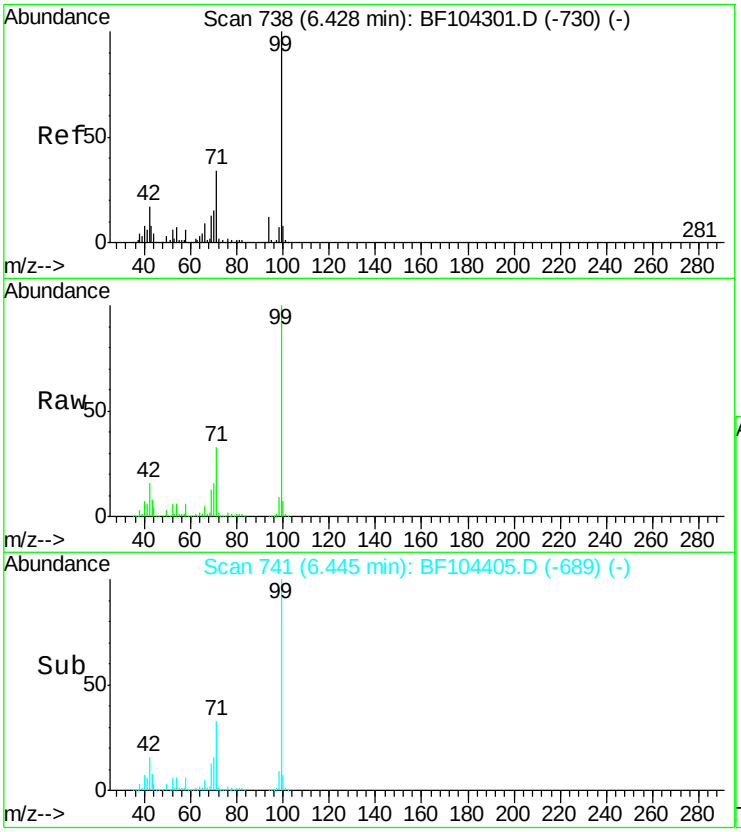


#5
2-Fluorophenol
Concen: 131.505 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:112 Resp: 996631

Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	27.9	23.7	35.5



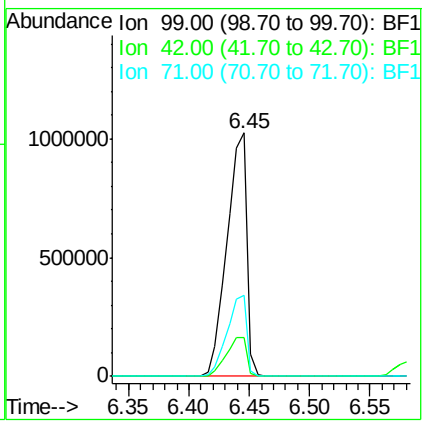


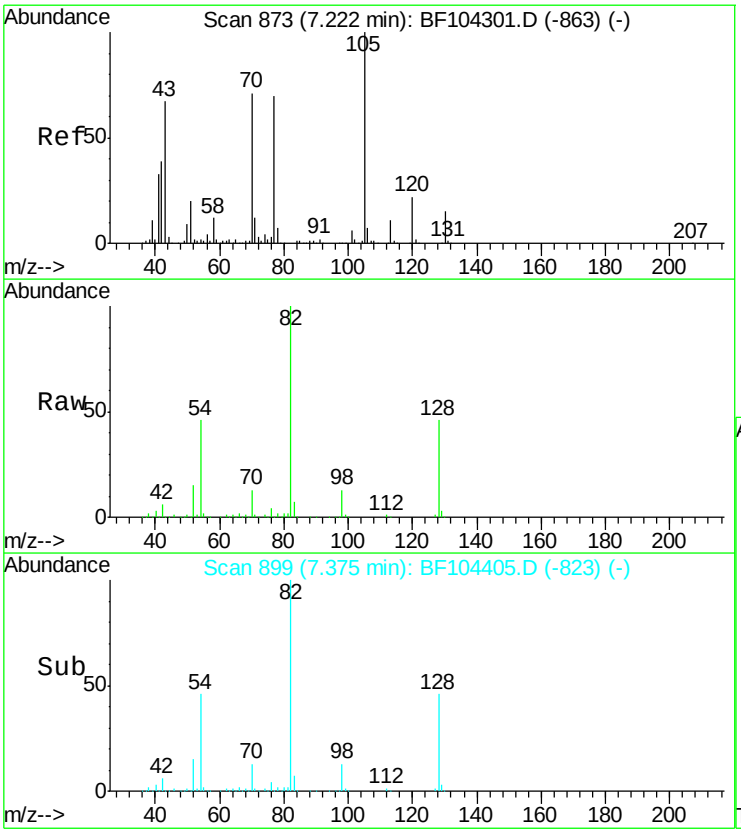
#7
Phenol-d6
Concen: 125.824 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 99 Resp: 1171634

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	33.4	25.4	38.0

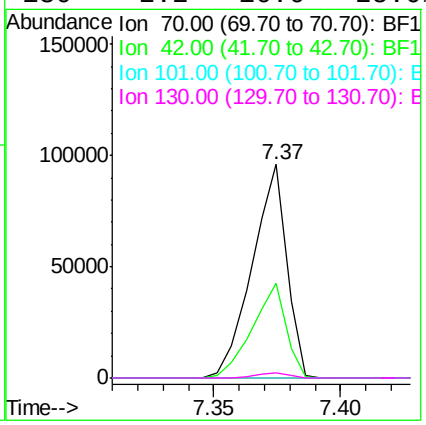


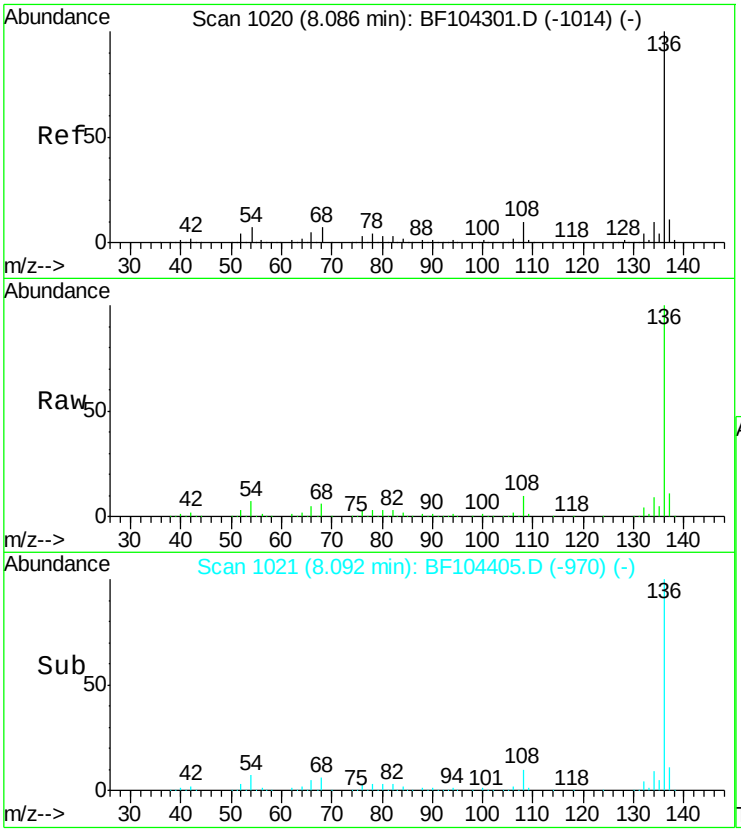


#19
n-Nitroso-di-n-propylamine
Concen: 15.024 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion: 70 Resp: 91421

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



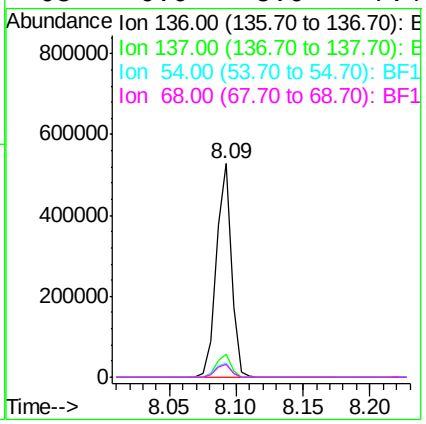


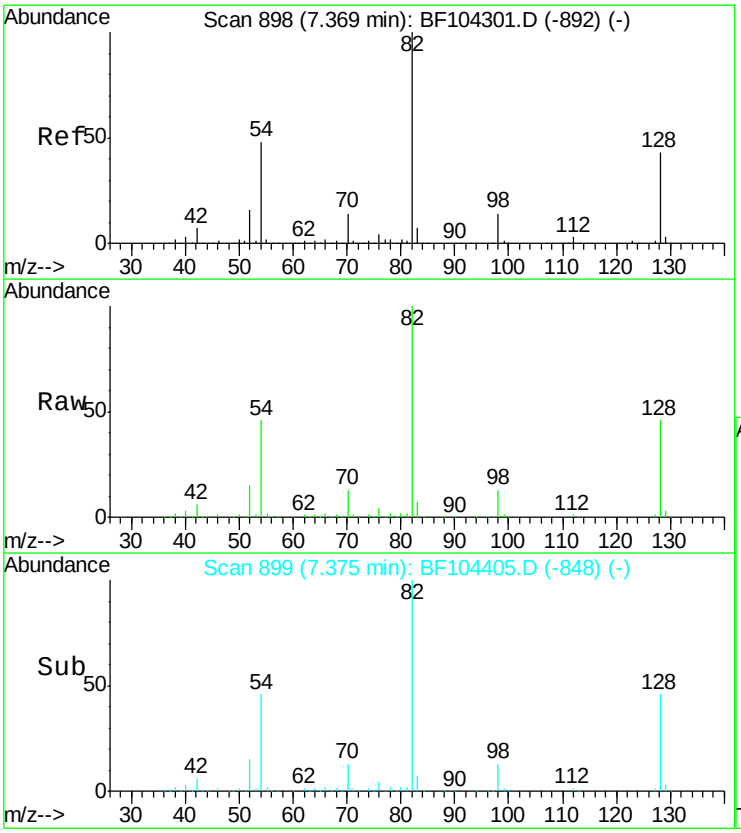
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:136 Resp: 423376

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	6.0	5.0	7.4

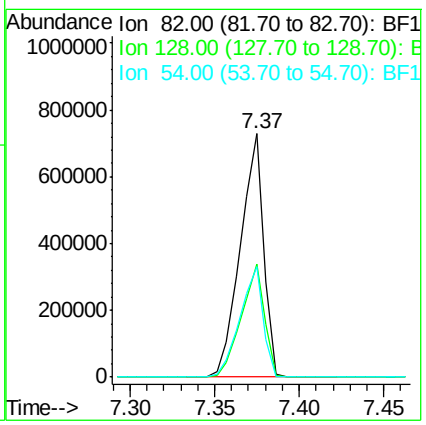


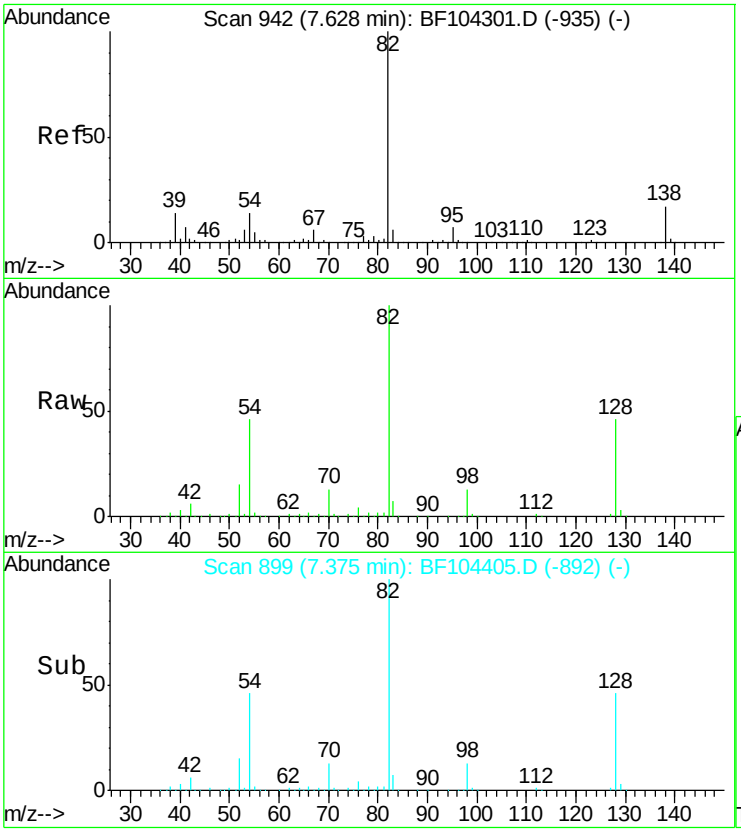


#23
Nitrobenzene-d5
Concen: 108.344 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion: 82 Resp: 702477

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	45.6	41.4	62.2



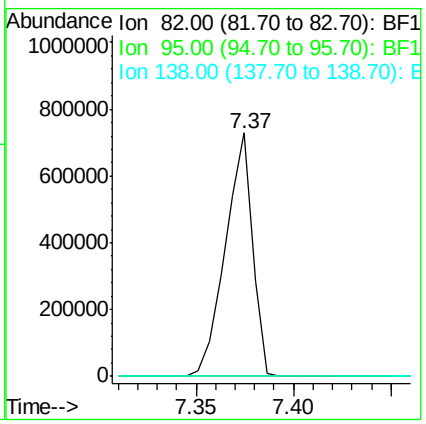


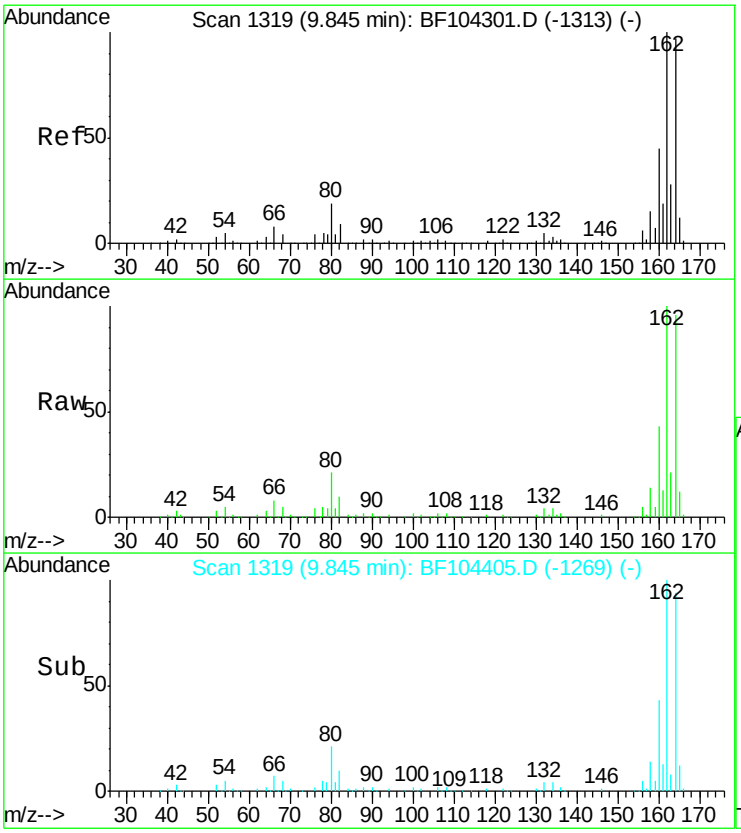
#25
Isophorone
Concen: 51.098 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 82 Resp: 700588

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

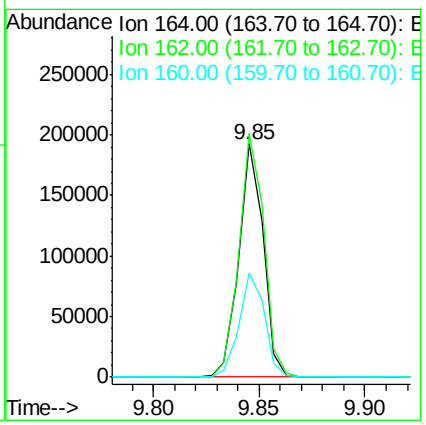


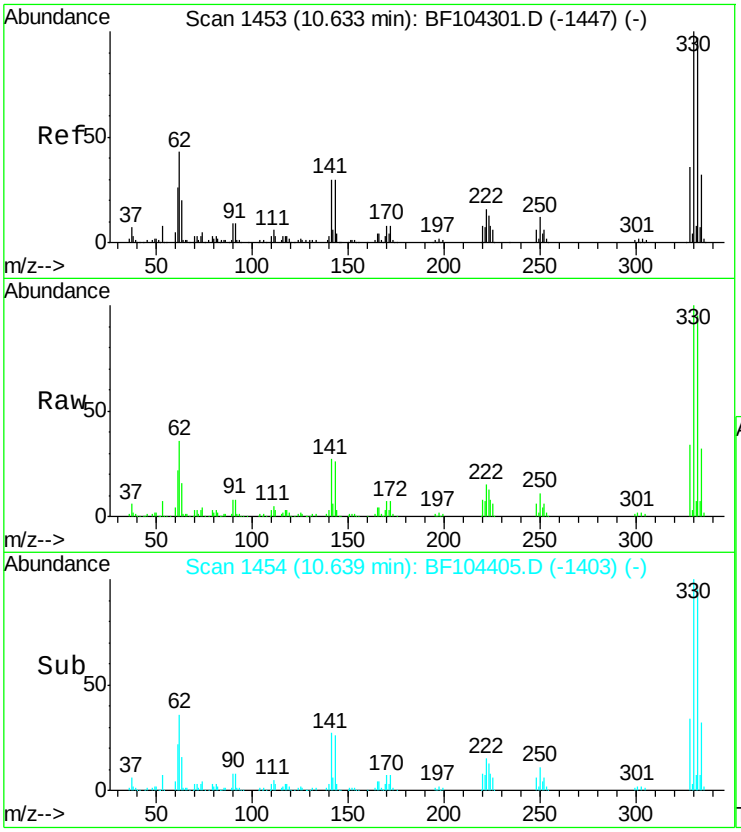


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:164 Resp: 153409

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	44.8	38.3	57.5



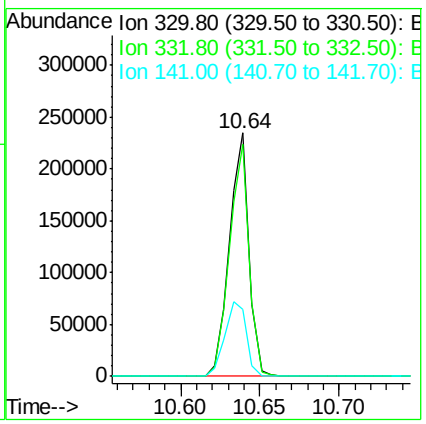


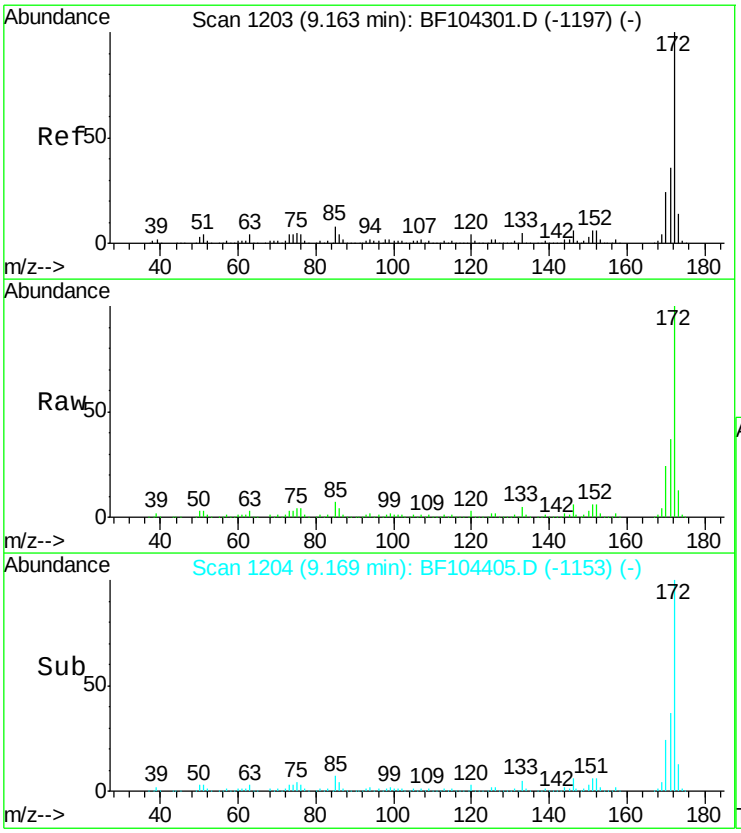
#41
2,4,6-Tribromophenol
Concen: 126.160 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:330 Resp: 200765

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.9	29.9	44.9

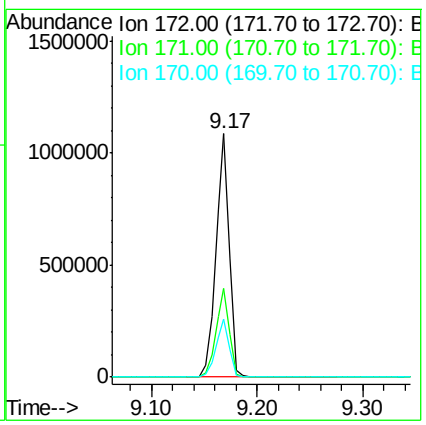


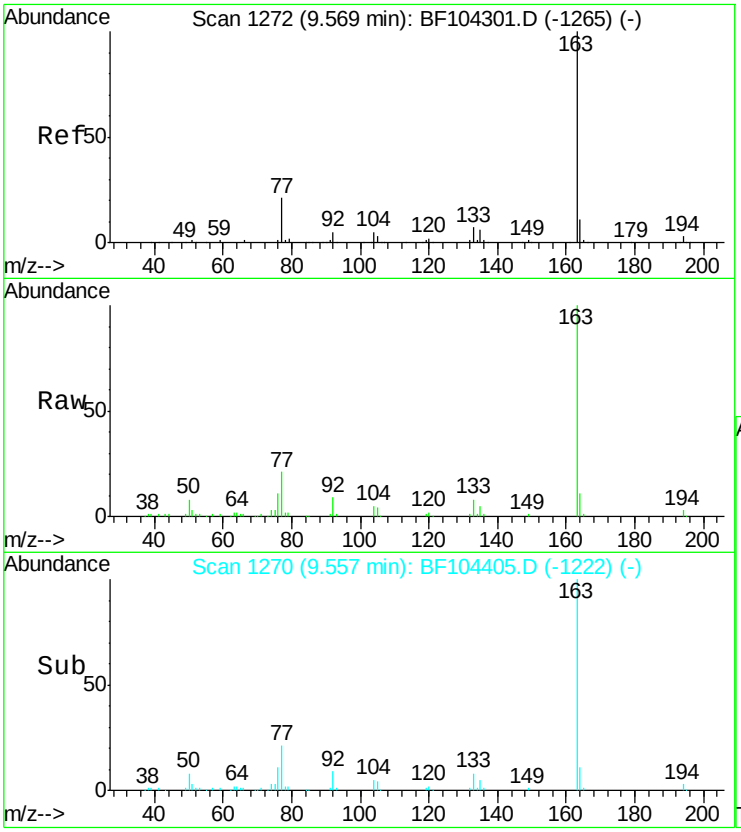


#44
2-Fluorobiphenyl
Concen: 99.716 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:172 Resp: 968339

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



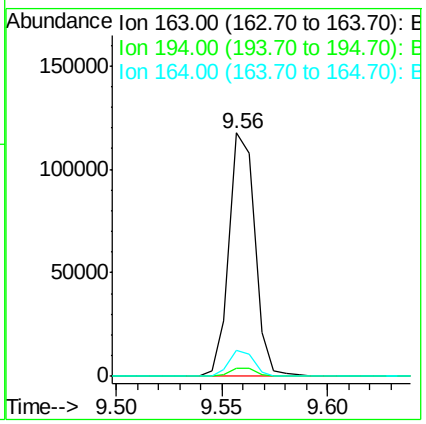


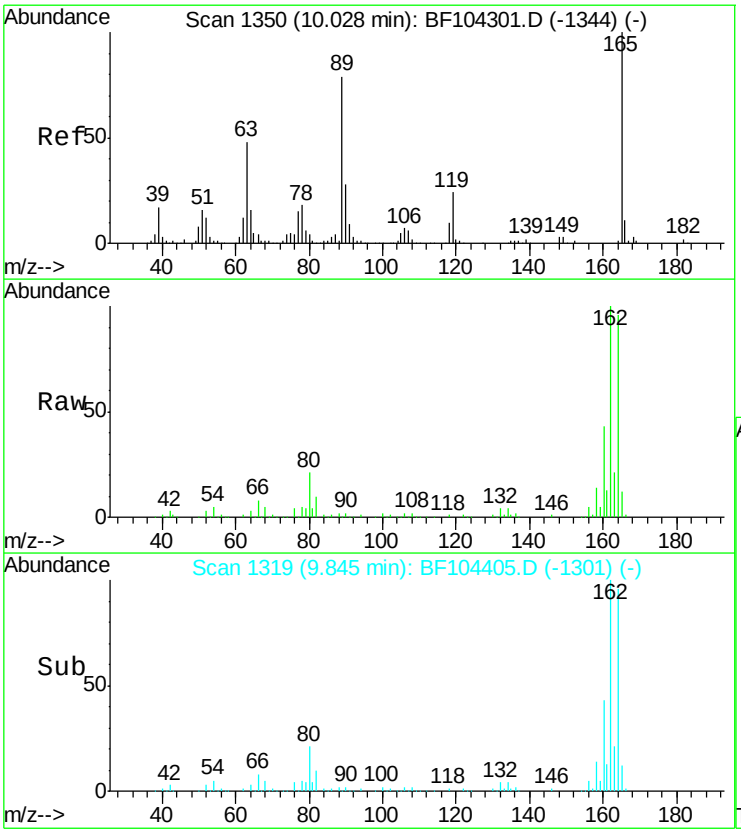
#49
Dimethylphthalate
Concen: 8.215 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:163 Resp: 99382

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.7	8.2	12.2

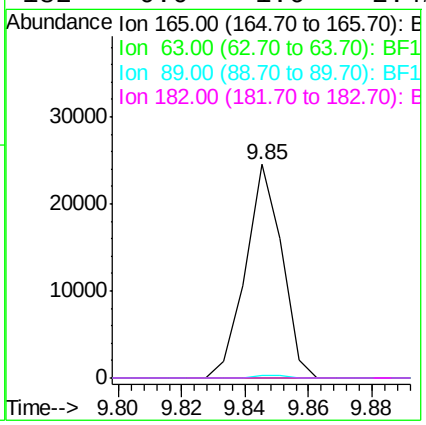


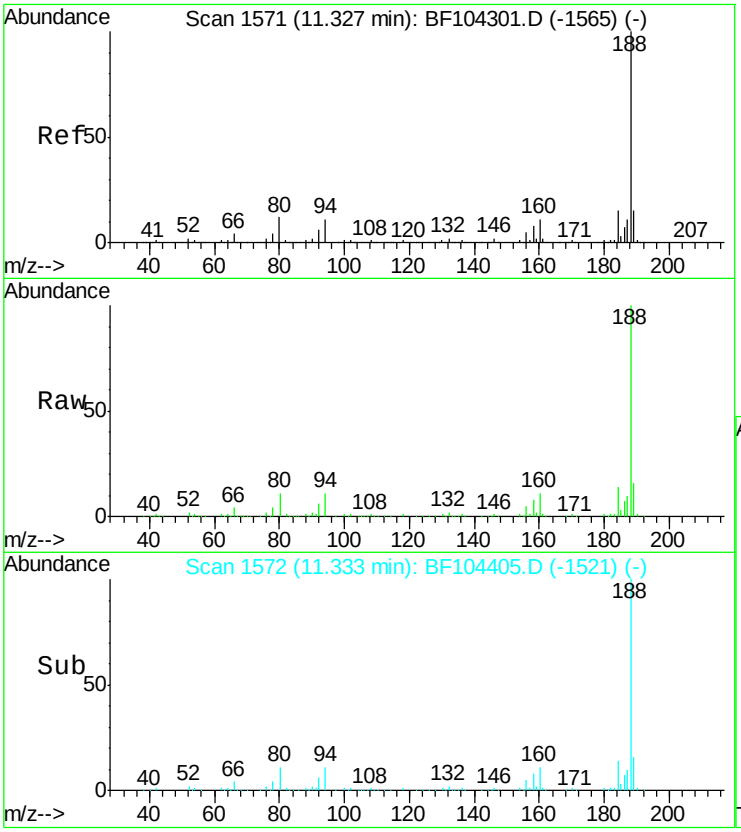


#56
2,4-Dinitrotoluene
Concen: 6.629 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:165 Resp: 19466

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



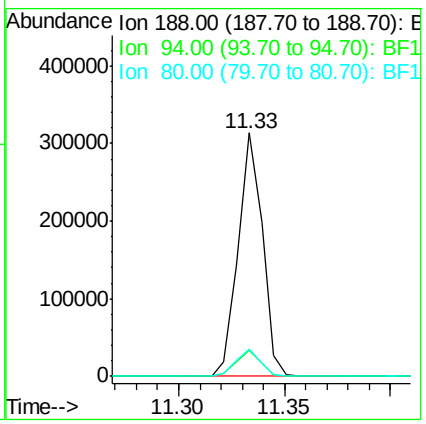


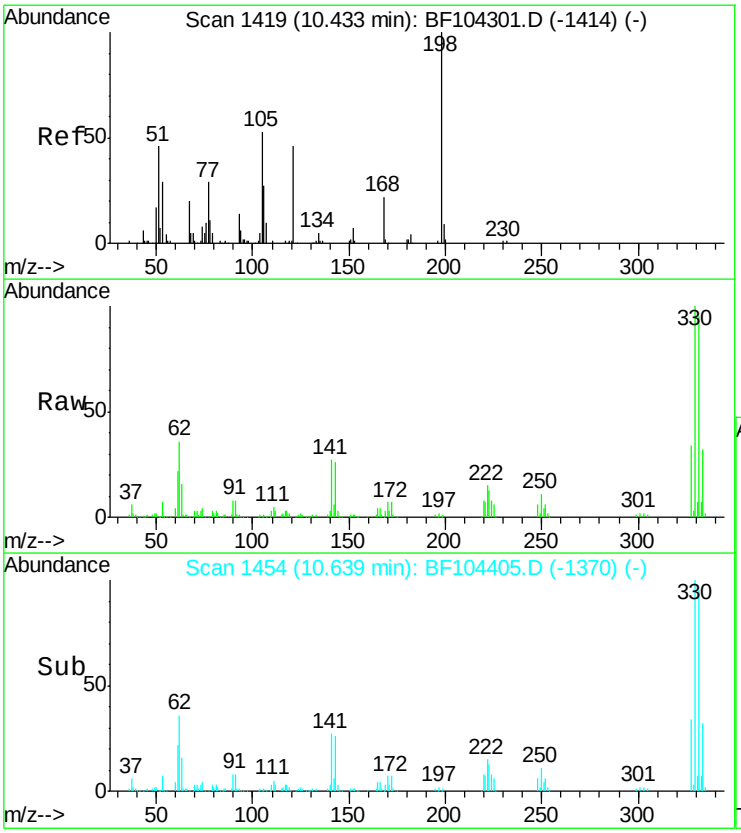
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:188 Resp: 248242

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.3	9.2	13.8

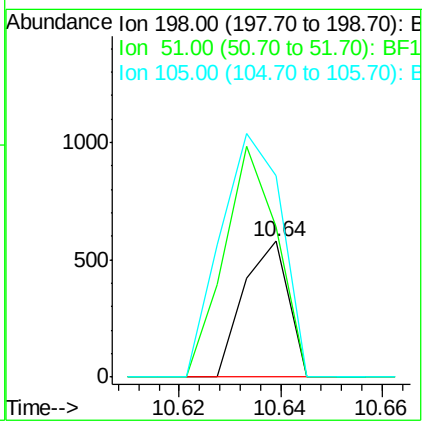


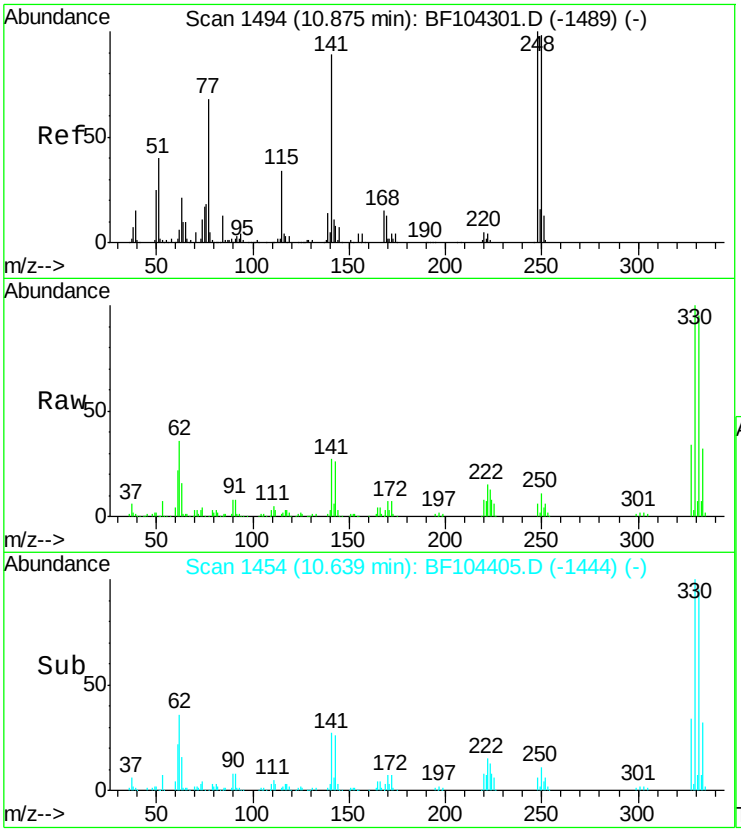


#64
4,6-Dinitro-2-methylphenol
Concen: 7.595 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:198 Resp: 354

Ion	Ratio	Lower	Upper
198	100		
51	110.4	37.7	77.7#
105	148.0	36.3	76.3#



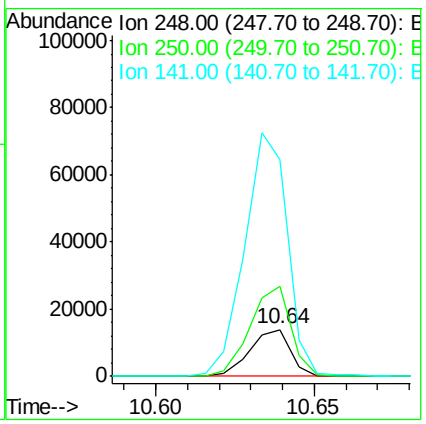


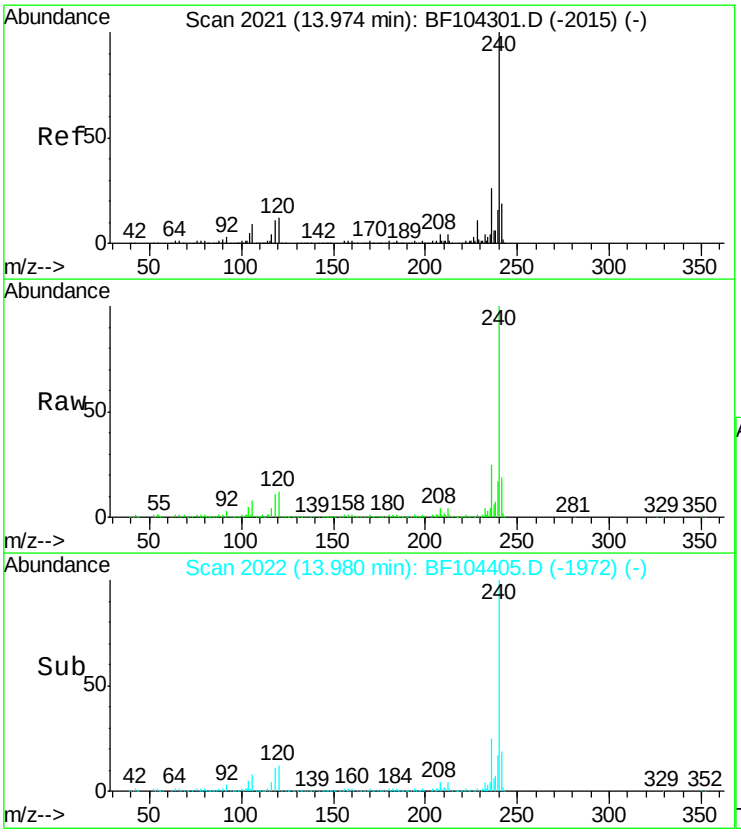
#66
4-Bromophenyl-phenylether
Concen: 4.713 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:248 Resp: 12444

Ion	Ratio	Lower	Upper
248	100		
250	193.3	76.9	115.3#
141	462.0	74.4	111.6#

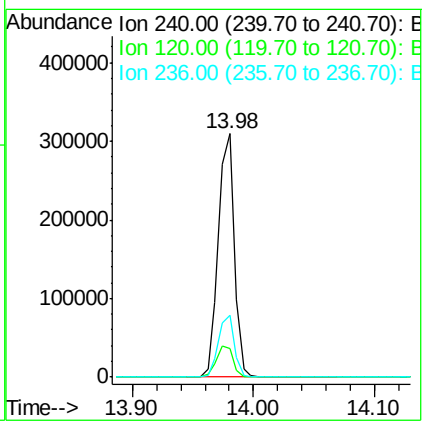


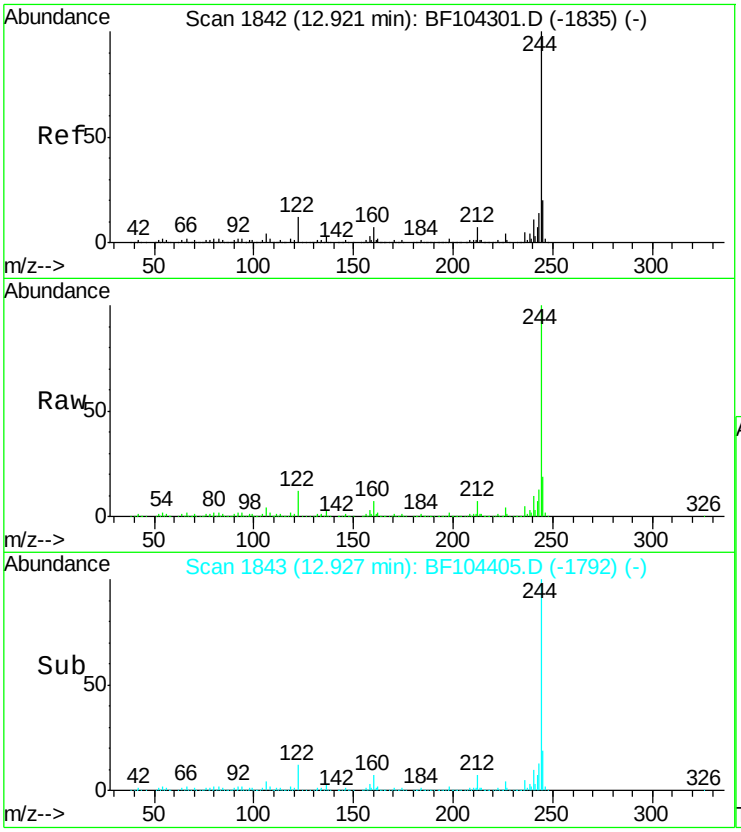


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:240 Resp: 283480

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.4	20.7	31.1



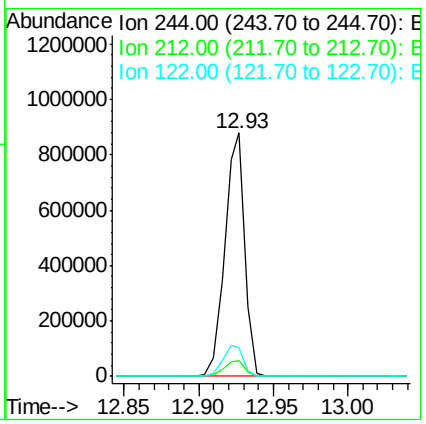


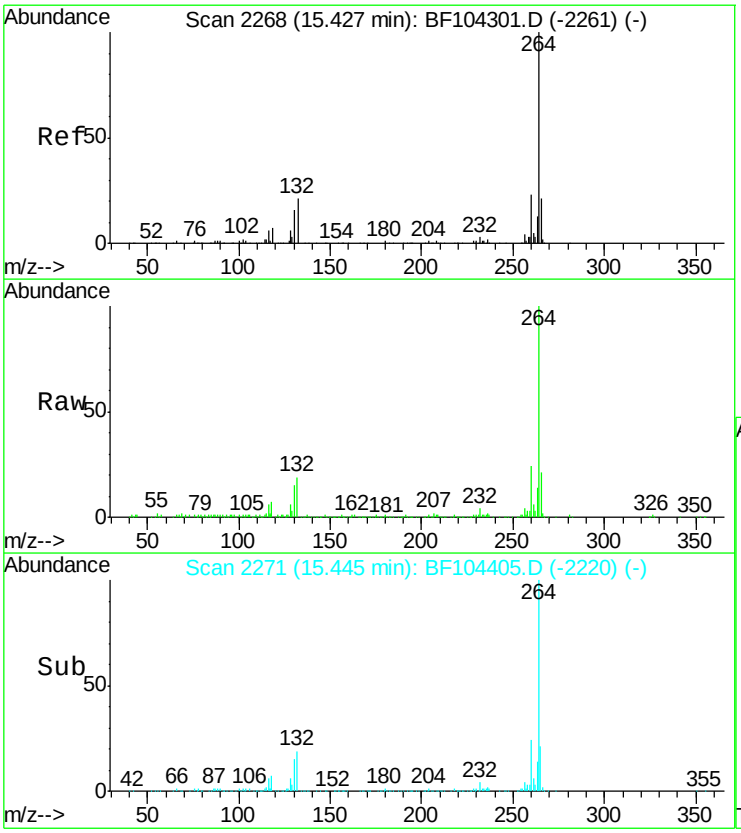
#78
Terphenyl-d14
Concen: 66.639 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:244 Resp: 828602

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF104405.D
Acq: 10 Apr 2018 13:42

Tgt Ion:264 Resp: 214445

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.9	17.5	26.3