Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104520.D
Acq On : 14 Apr 2018 12:00
Operator : JU/SJ
Sample : J2368-14
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 16 00:43:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	151535	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	603094	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	252492	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	355415	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	280834	20.00	ng	-0.01
86) Perylene-d12	15.44	264	214232	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	395858	39.94	ng	0.00
7) Phenol-d6	6.43	99	295627	24.28	ng	-0.01
23) Nitrobenzene-d5	7.37	82	932551	100.97	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	186372	71.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1483932	92.84	ng	0.00
78) Terphenyl-d14	12.93	244	1040044	84.43	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	122590	15.407	ng	# 74
25) Isophorone	7.37	82	932544	47.747	ng	# 64
49) Dimethylphthalate	9.56	163	103064	5.176	ng	99
56) 2,4-Dinitrotoluene	9.85	165	31517	6.522	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	366	7.526	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	11515	3.046	ng	# 1
76) Benzidine	12.93	184	13614	Below Cal		# 97

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

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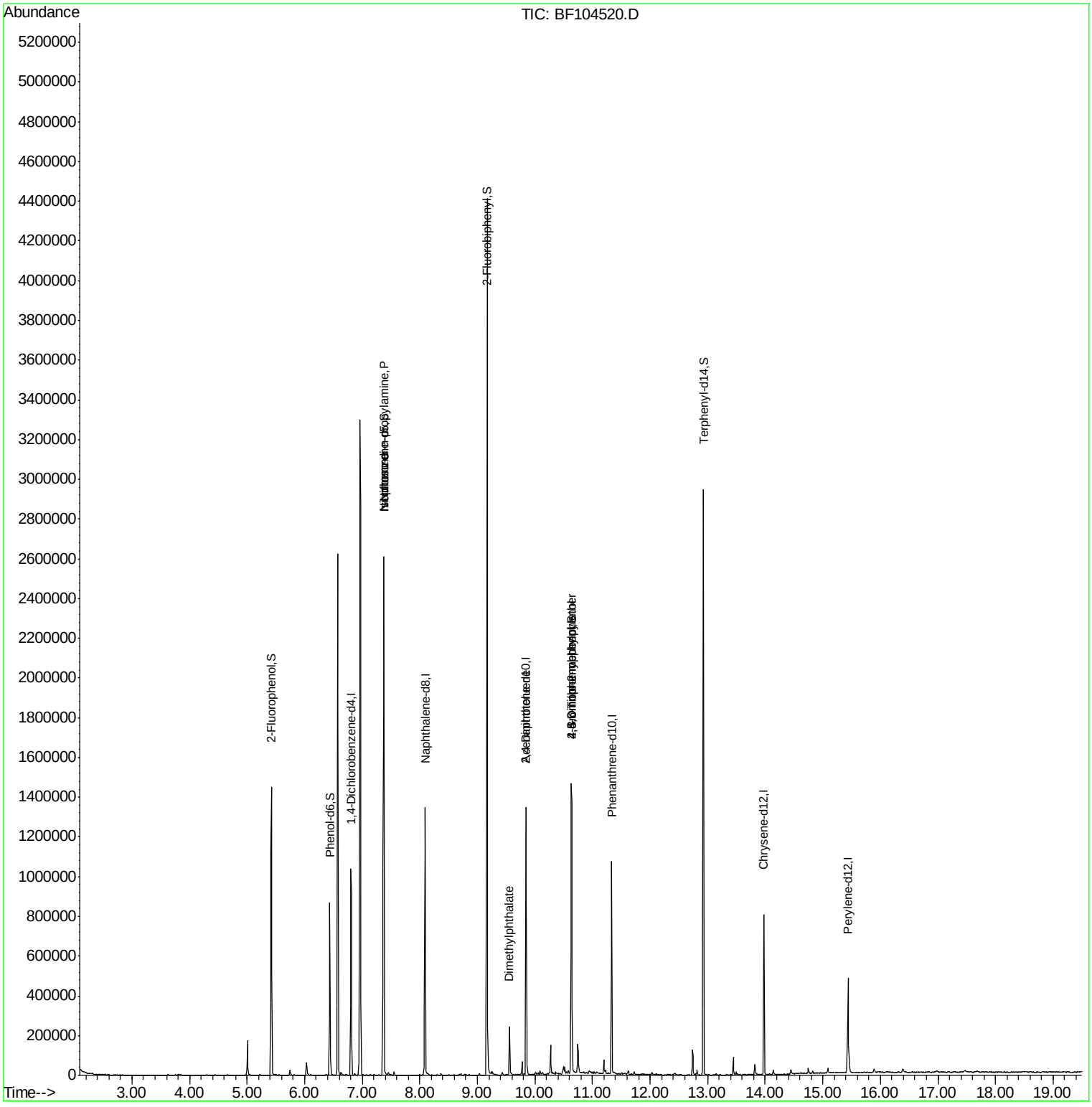
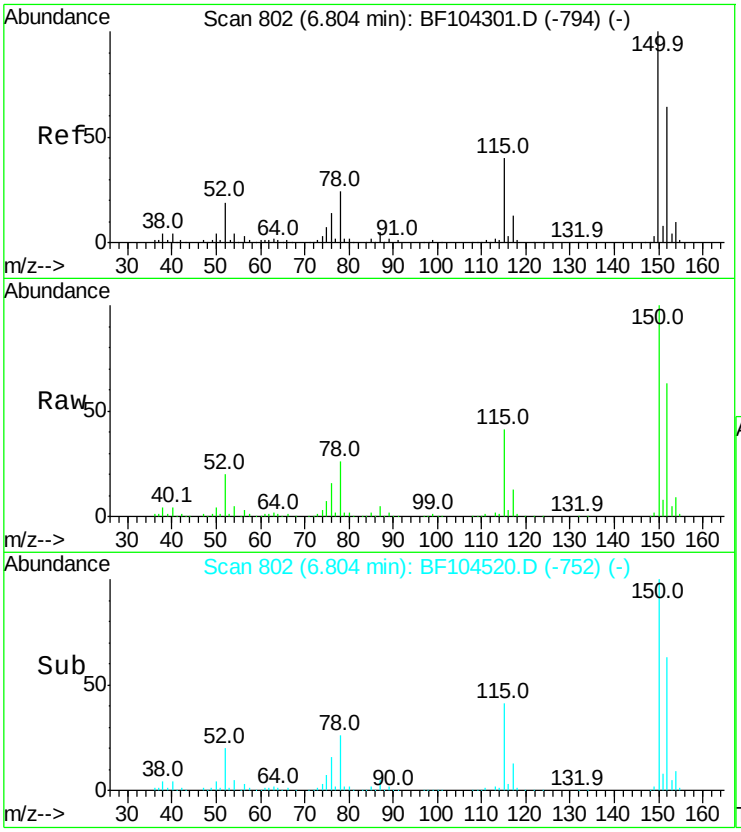


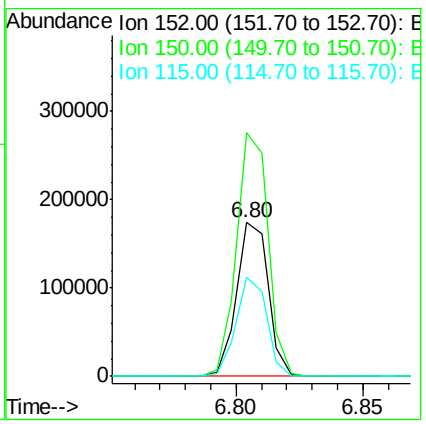


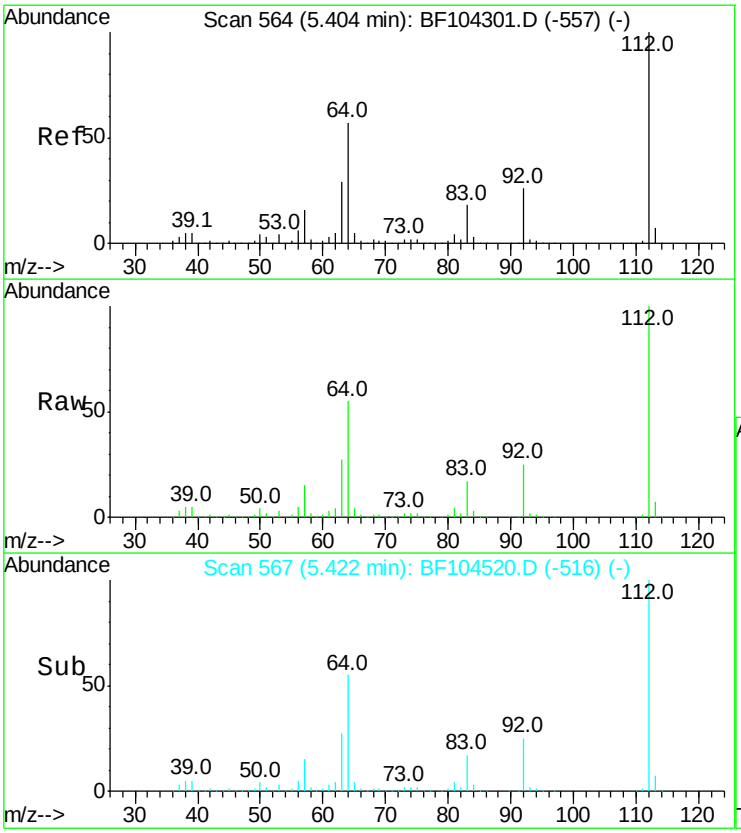
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151535

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	64.5	50.1	75.1

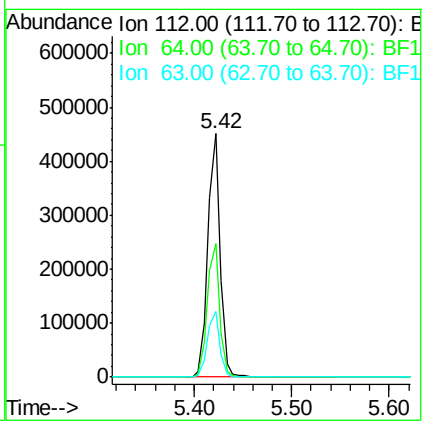


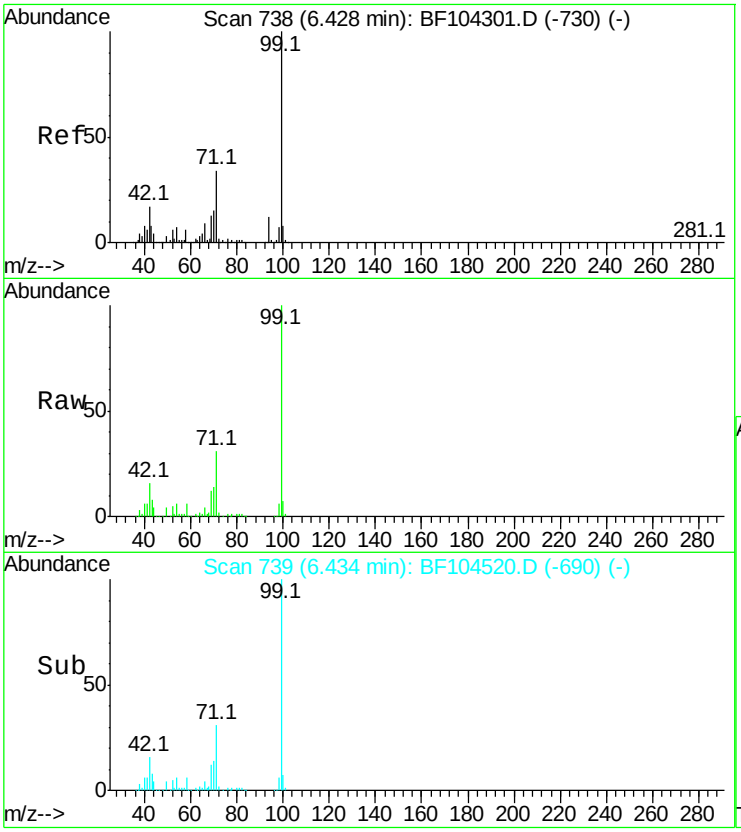


#5
2-Fluorophenol
Concen: 39.944 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:112 Resp: 395858

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	27.0	23.7	35.5



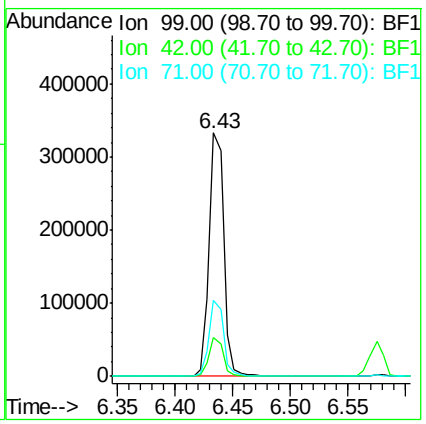


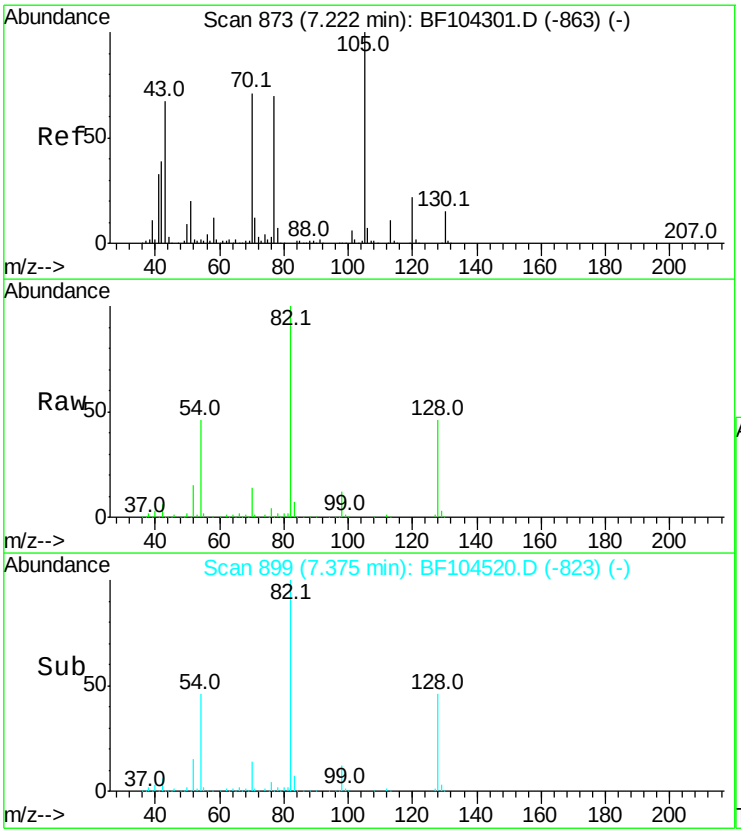
#7
Phenol-d6
Concen: 24.278 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 295627

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	31.3	25.4	38.0

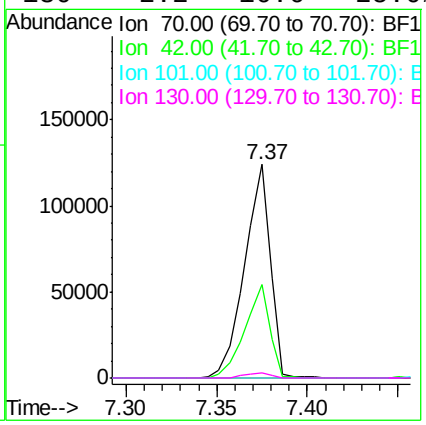


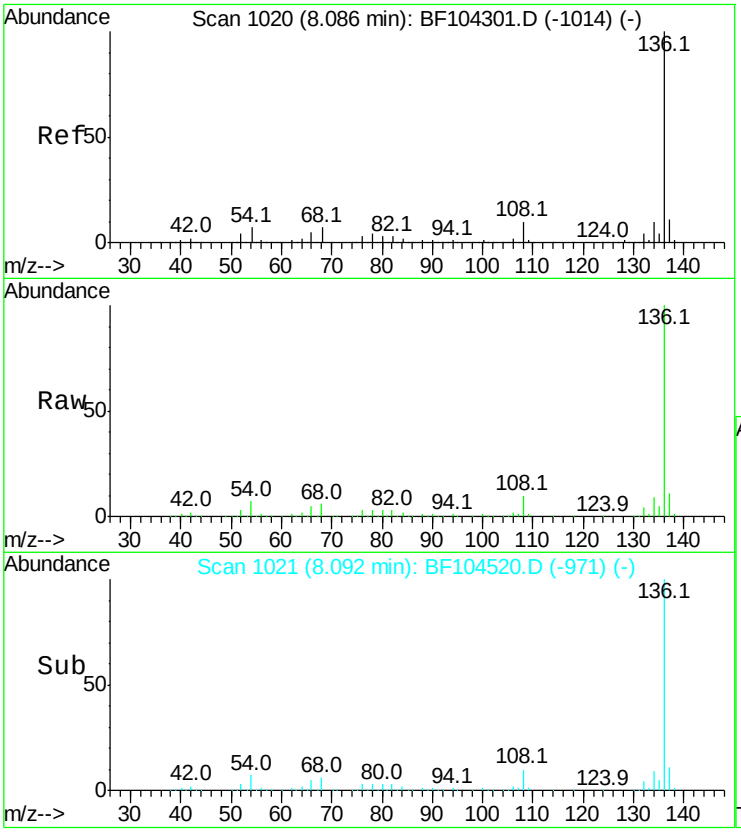


#19
n-Nitroso-di-n-propylamine
Concen: 15.407 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion: 70 Resp: 122590

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



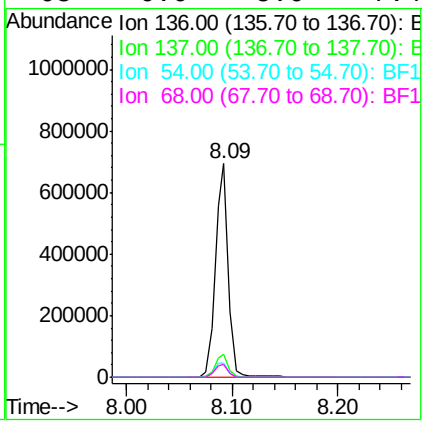


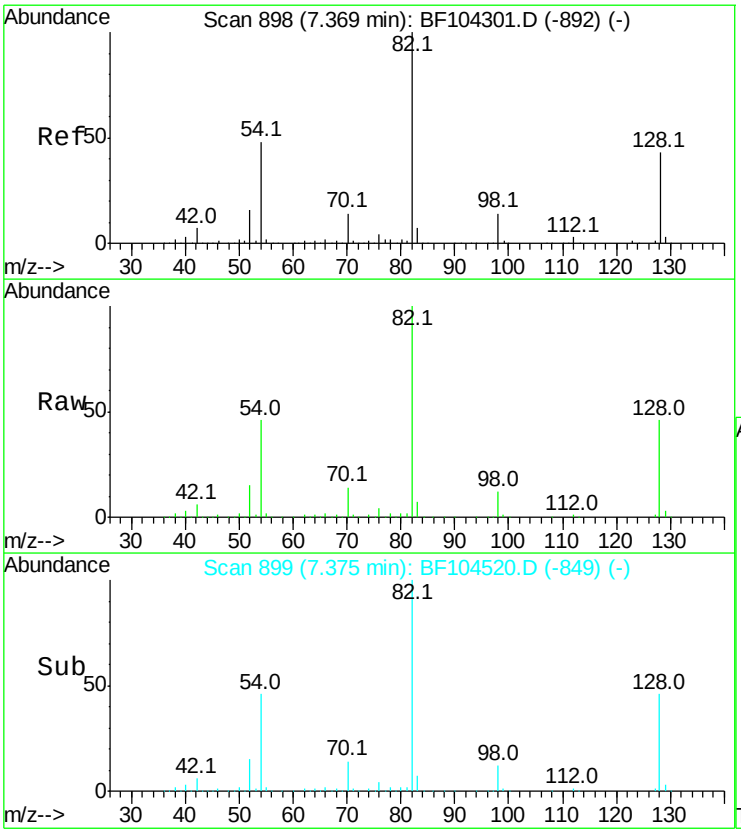
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 603094

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.6	9.8
68	6.0	5.0	7.4

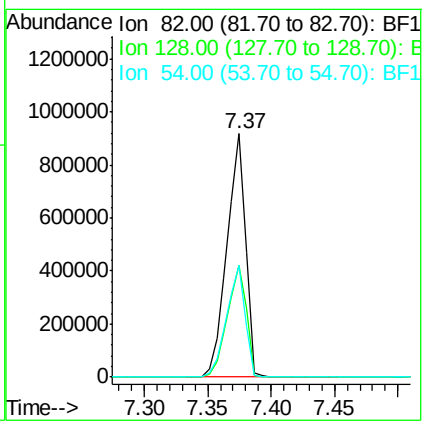


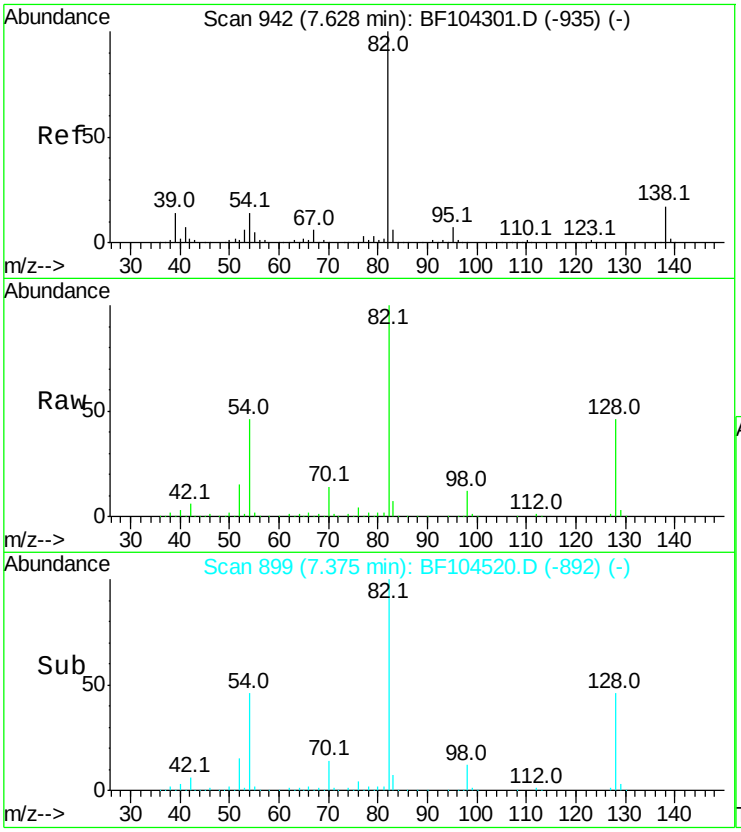


#23
Nitrobenzene-d5
Concen: 100.969 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion: 82 Resp: 932551

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	46.1	41.4	62.2



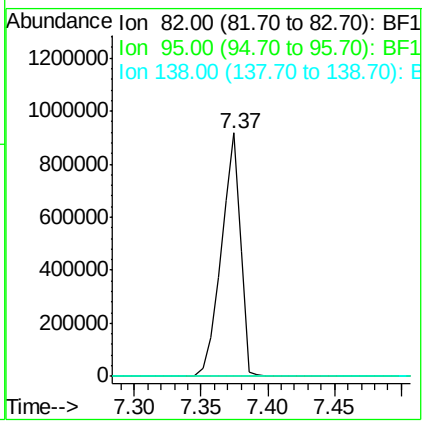


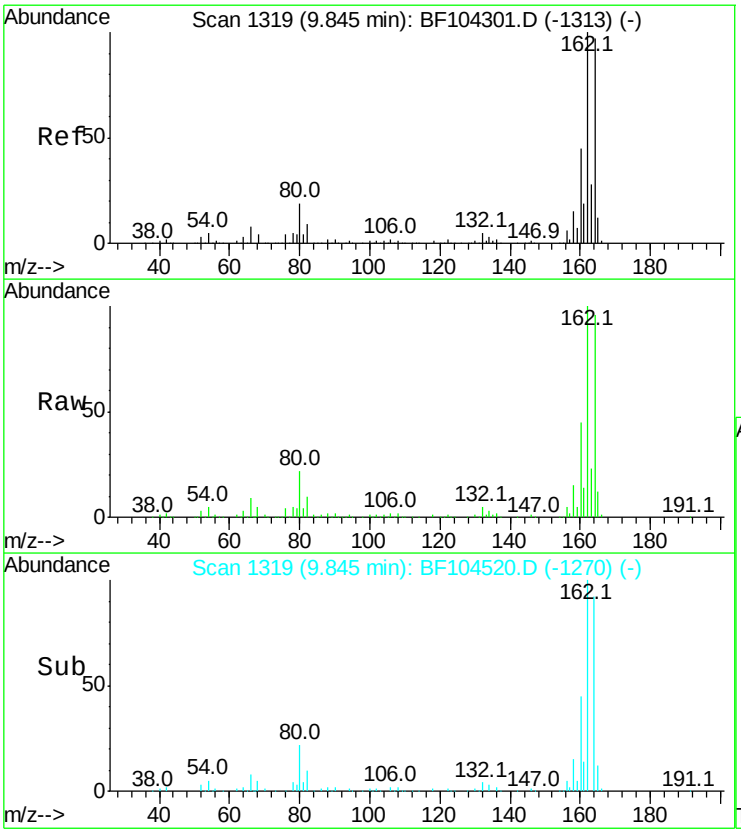
#25
Isophorone
Concen: 47.747 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 932544

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

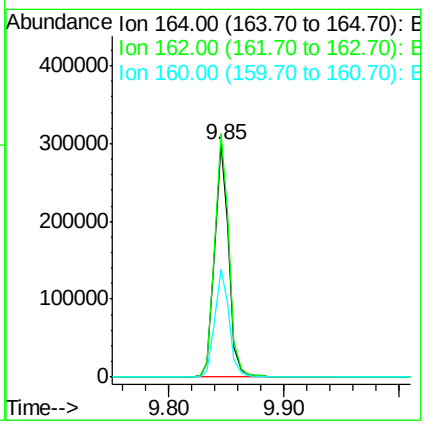


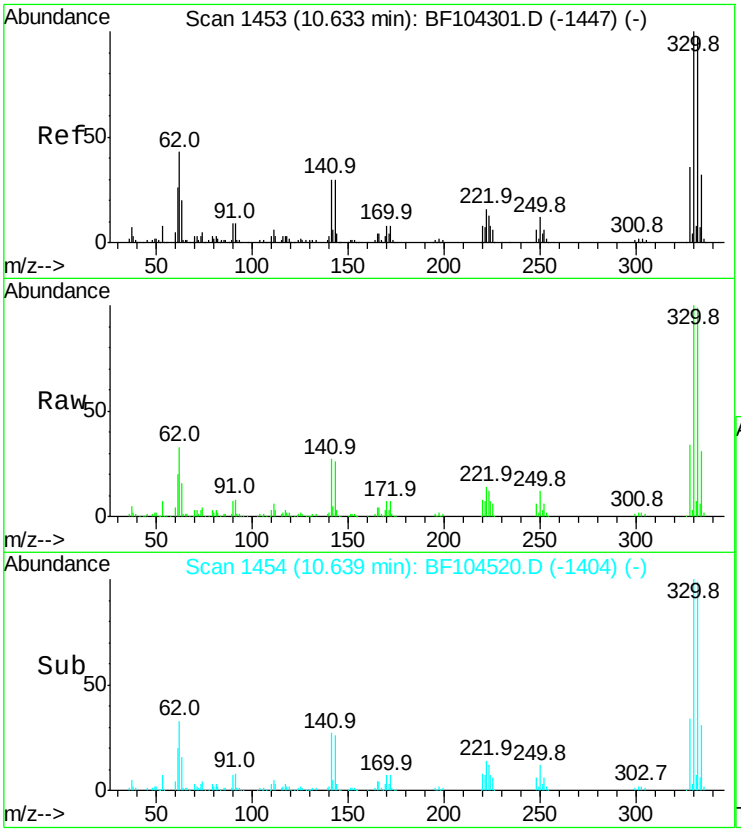


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:164 Resp: 252492

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



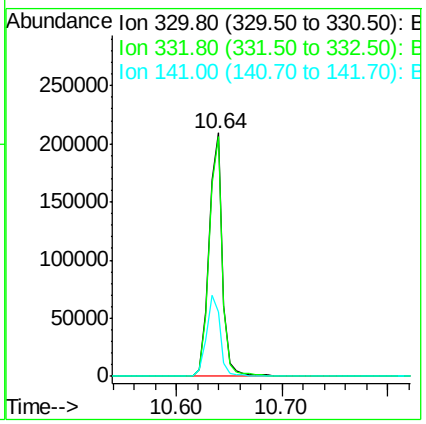


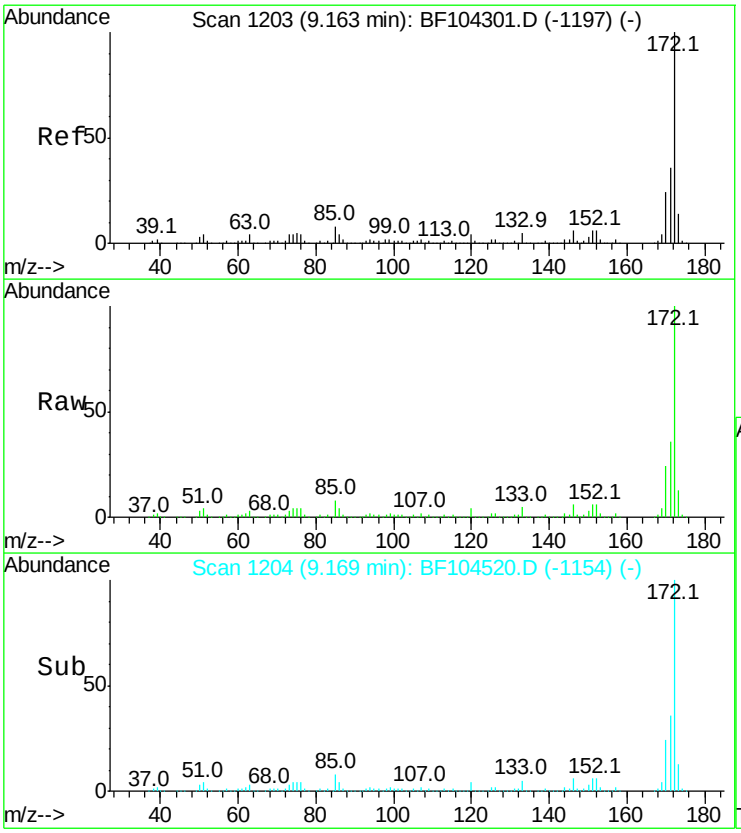
#41
2,4,6-Tribromophenol
Concen: 71.157 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 186372

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	34.6	29.9	44.9

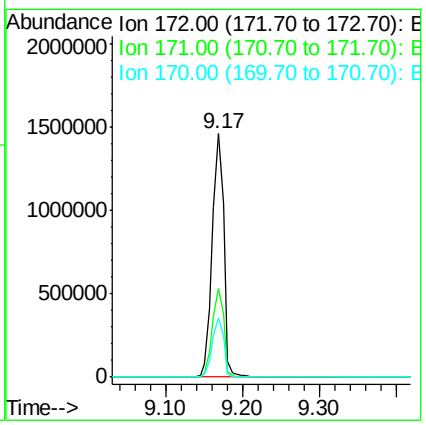


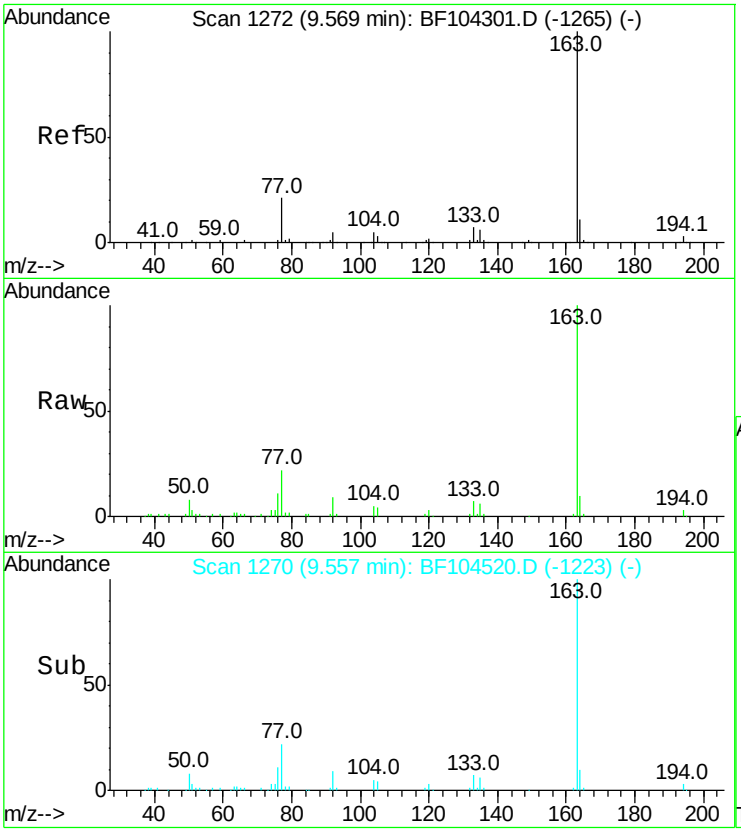


#44
2-Fluorobiphenyl
Concen: 92.844 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:172 Resp: 1483932

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4



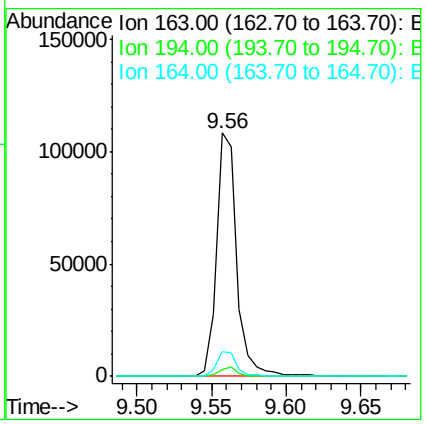


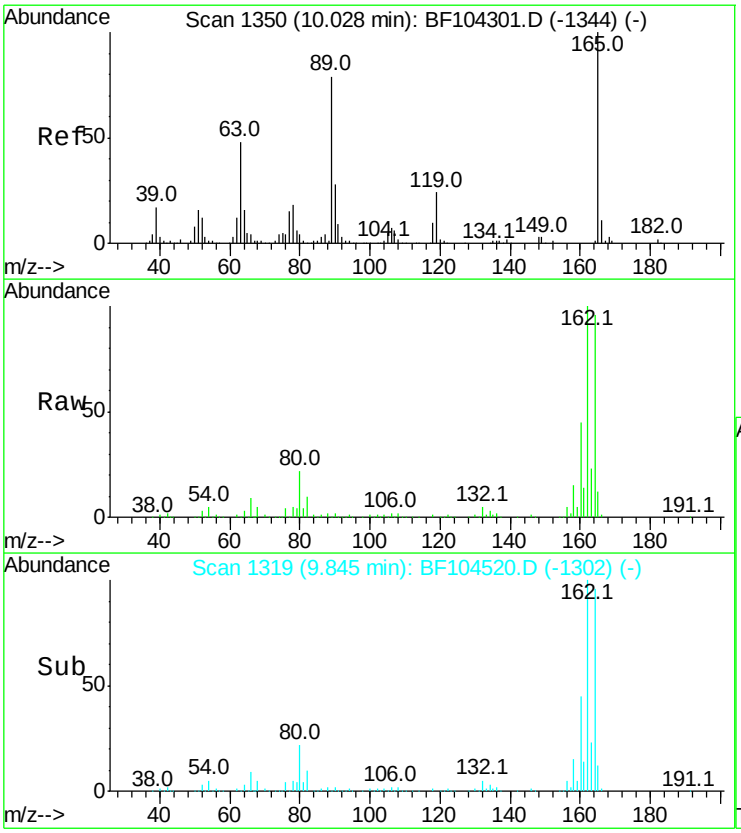
#49
Dimethylphthalate
Concen: 5.176 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 103064

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.3	8.2	12.2

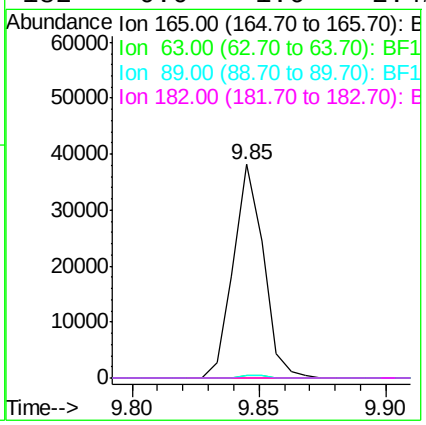


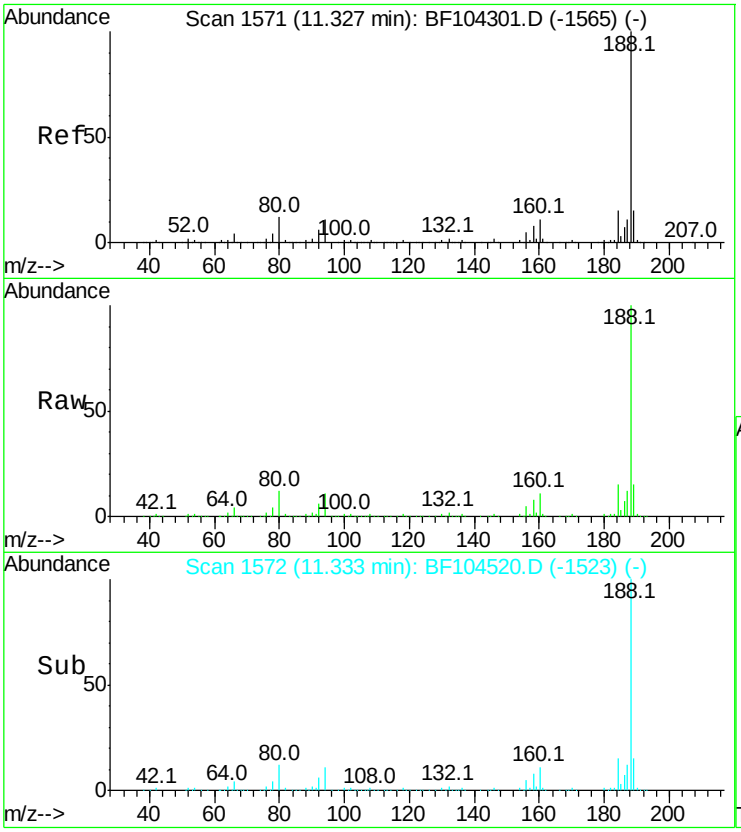


#56
2,4-Dinitrotoluene
Concen: 6.522 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:165 Resp: 31517

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



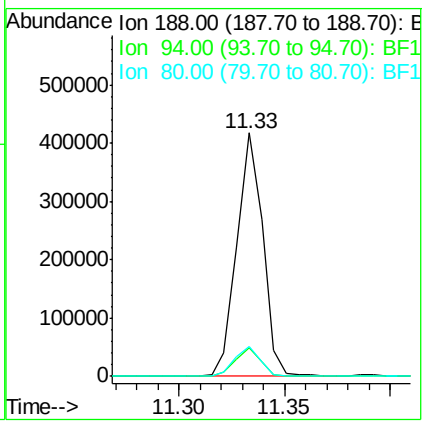


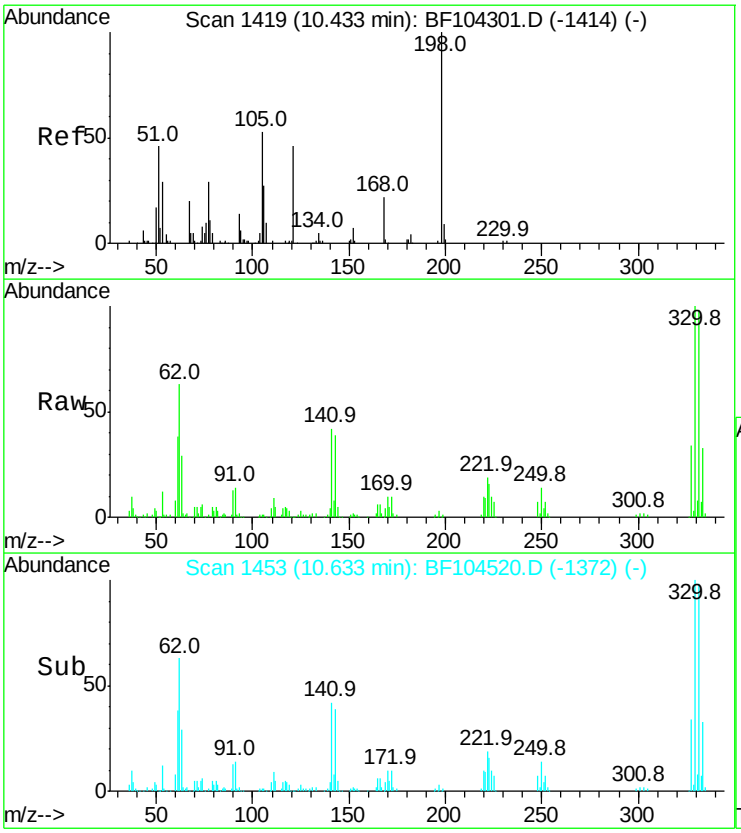
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 355415

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.1	9.2	13.8

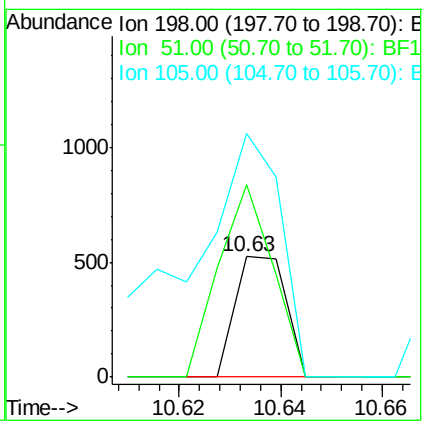


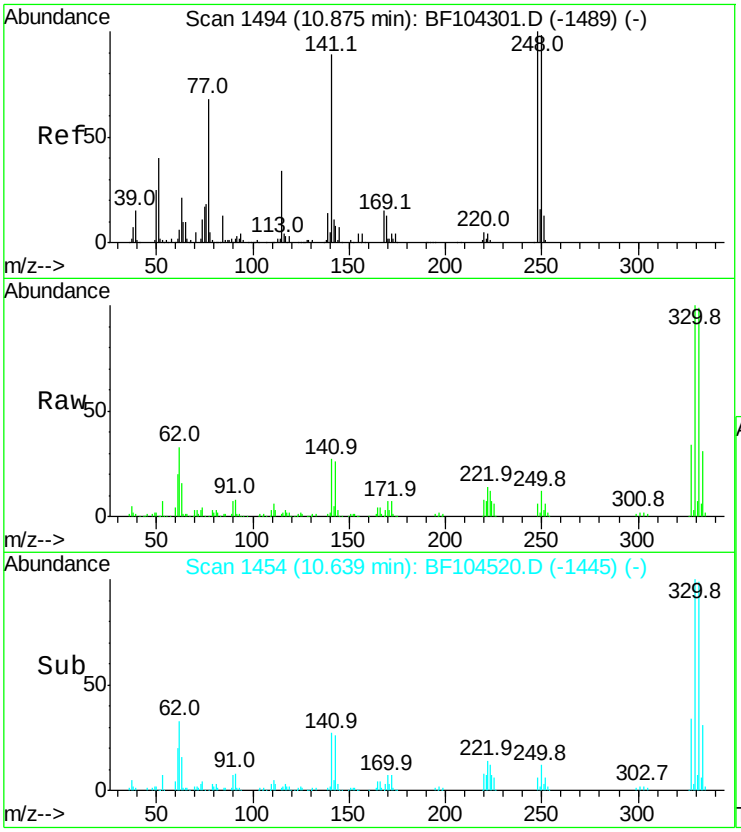


#64
4,6-Dinitro-2-methylphenol
Concen: 7.526 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:198 Resp: 366

Ion	Ratio	Lower	Upper
198	100		
51	159.5	37.7	77.7#
105	202.3	36.3	76.3#



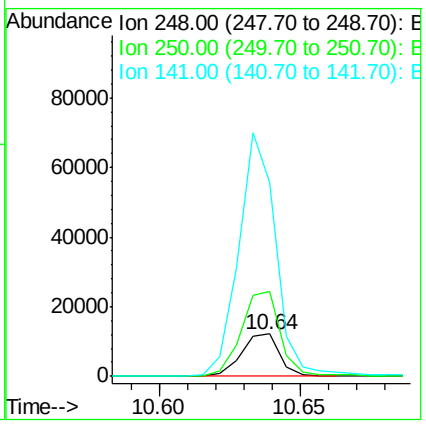


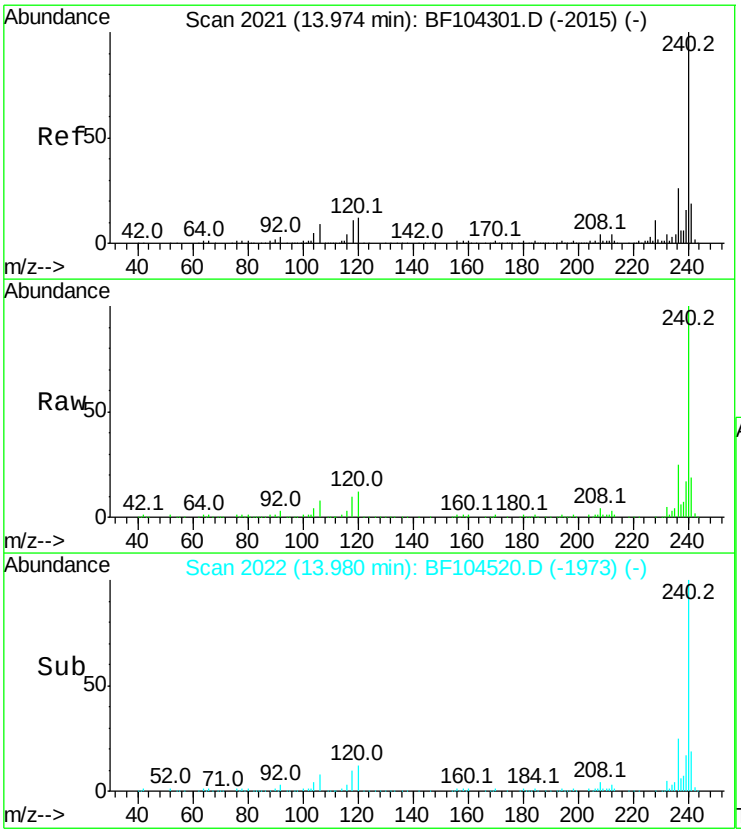
#66
4-Bromophenyl-phenylether
Concen: 3.046 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11515

Ion	Ratio	Lower	Upper
248	100		
250	199.5	76.9	115.3#
141	457.0	74.4	111.6#

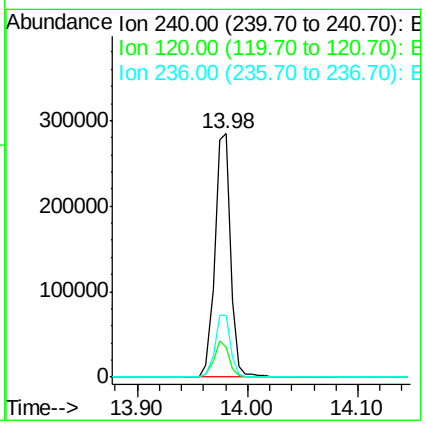


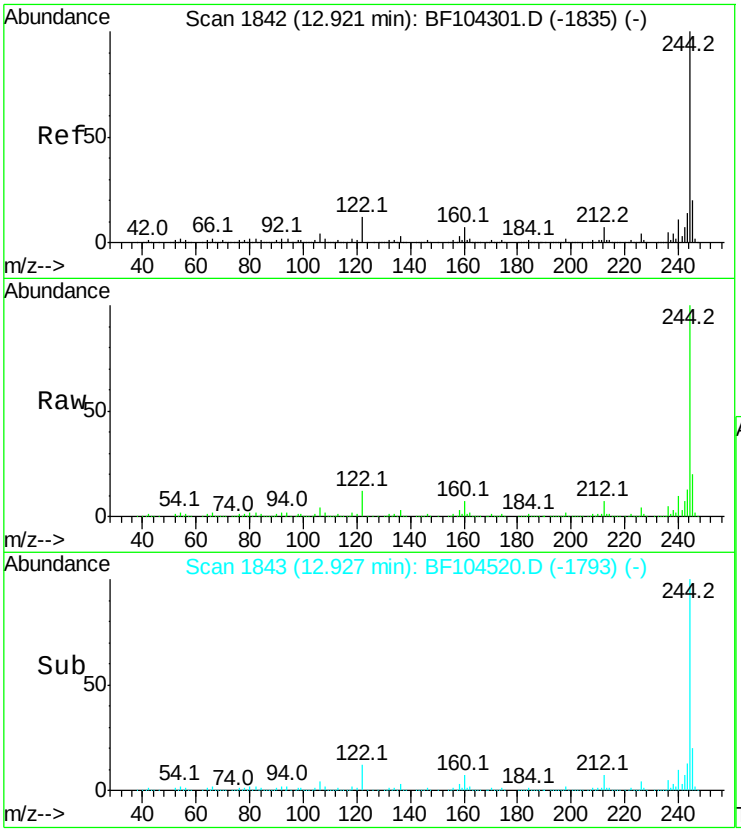


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:240 Resp: 280834

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.2	20.7	31.1



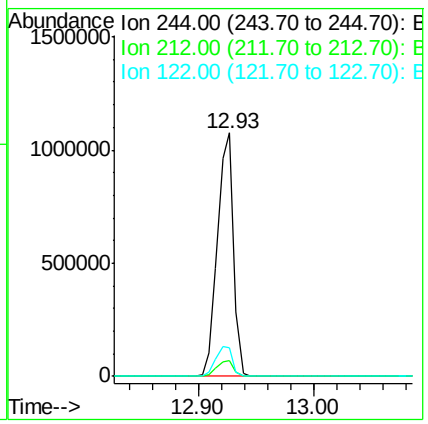


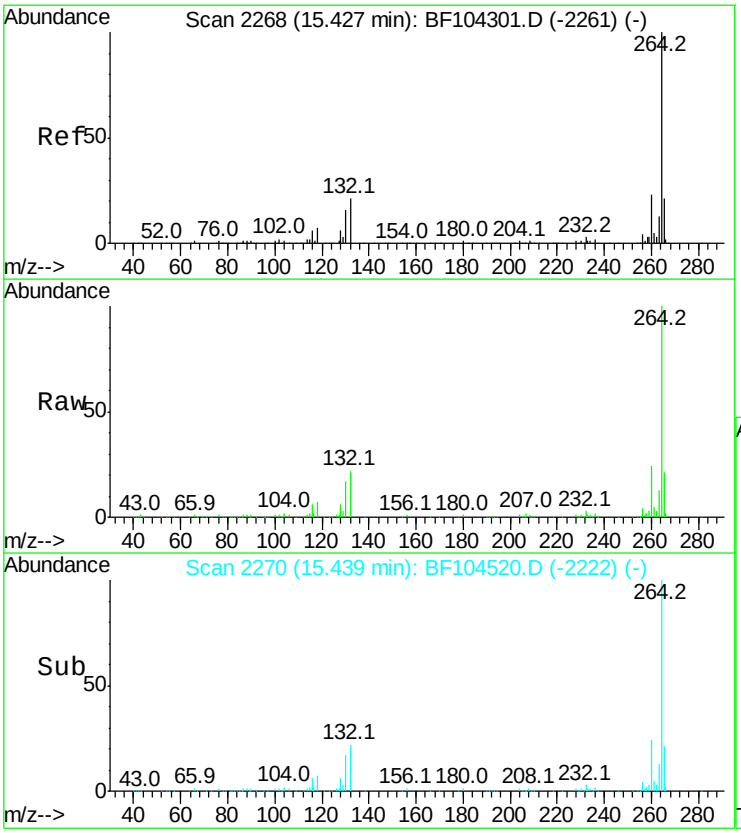
#78
Terphenyl-d14
Concen: 84.431 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1040044

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF104520.D
Acq: 14 Apr 2018 12:00

Tgt Ion:264 Resp: 214232

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3