Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104610.D
Acq On : 18 Apr 2018 19:04
Operator : JU/SJ
Sample : PB108327BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 19 01:15:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118617	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	466405	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	191944	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	293780	20.00	ng		0.00
75) Chrysene-d12	13.97	240	248235	20.00	ng		0.00
86) Perylene-d12	15.44	264	238711	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	968830	124.89	ng		0.01
7) Phenol-d6	6.45	99	1159064	121.60	ng		0.00
23) Nitrobenzene-d5	7.37	82	737909	103.31	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	230958	116.00	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1213721	99.89	ng		0.00
78) Terphenyl-d14	12.92	244	925560	85.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	21120	2.097	ng		80
19) n-Nitroso-di-n-propylamine	7.37	70	95981	15.410	ng	#	72
25) Isophorone	7.37	82	737905	48.854	ng	#	64
50) 2,6-Dinitrotoluene	9.84	165	24263	8.663	ng	#	24
56) 2,4-Dinitrotoluene	9.84	165	24263	6.604	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.63	198	316	7.534	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	13798	4.416	ng	#	1
76) Benzidine	12.92	184	11878	Below Cal			96

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Apr 2018 19:04
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Misc :
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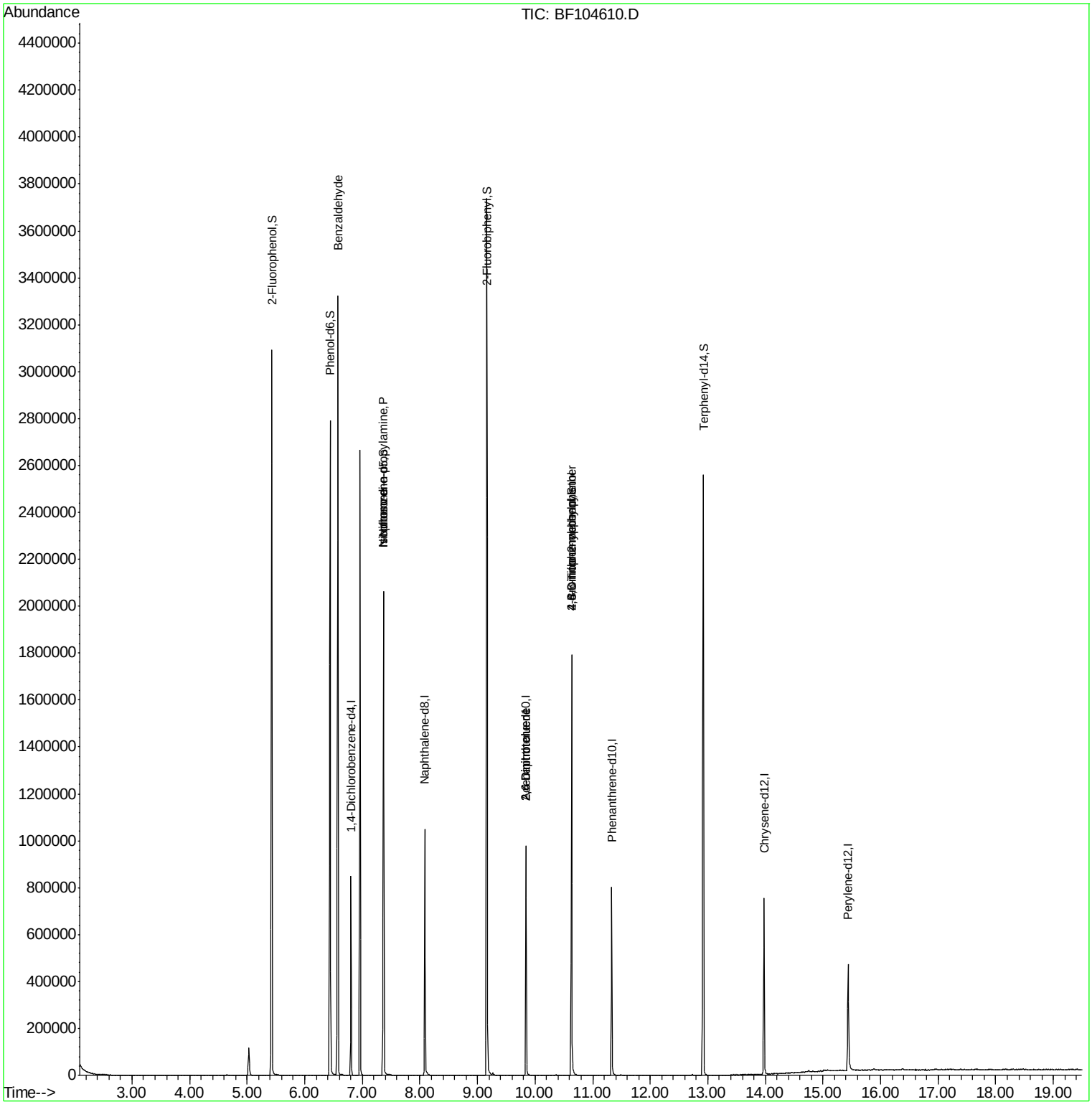
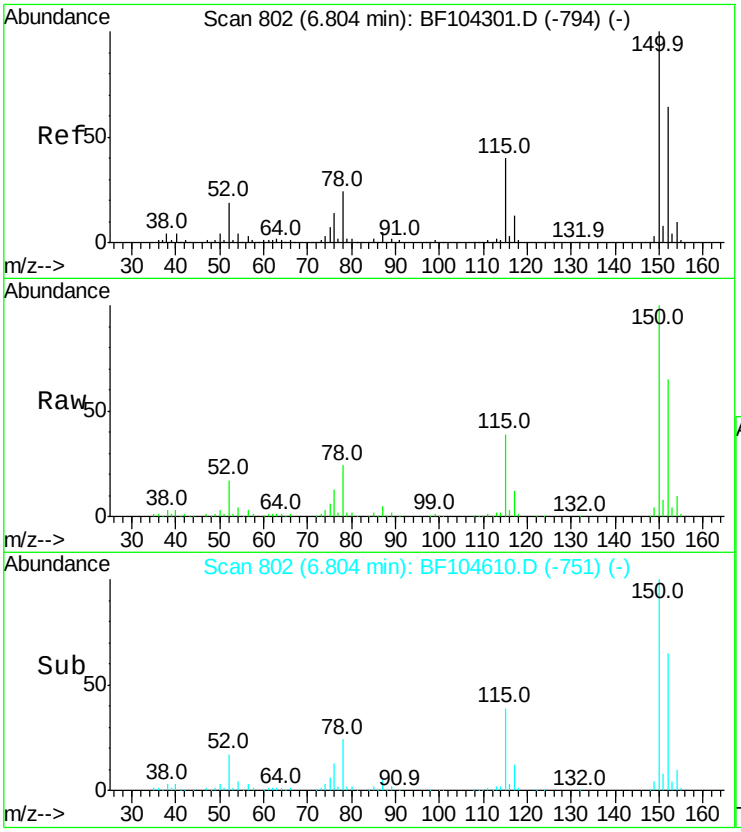
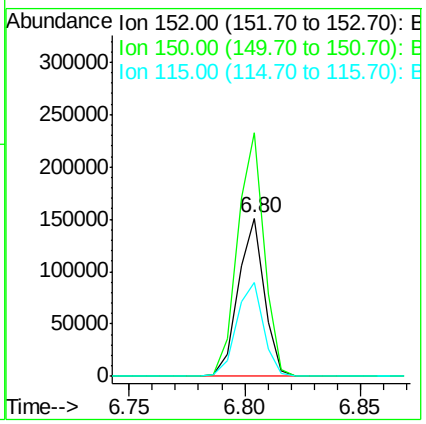




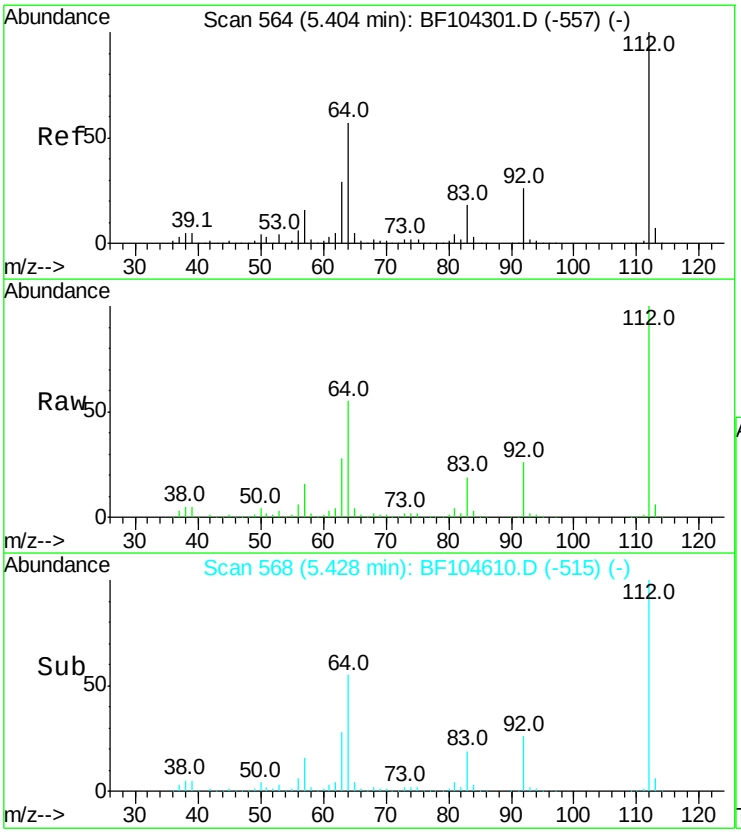
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:152 Resp: 118617

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	59.5	50.1	75.1



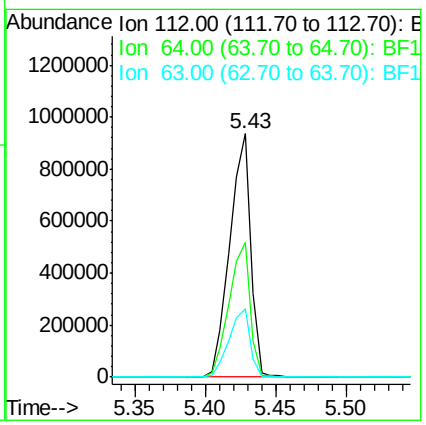
Instrument :
BNA_F
ClientSampleId :

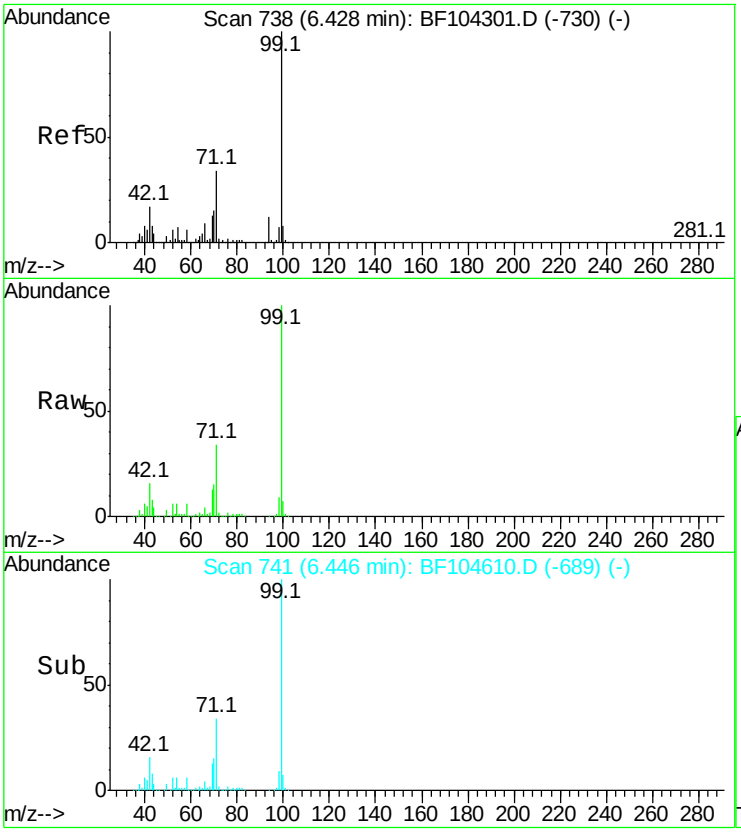


#5
2-Fluorophenol
Concen: 124.889 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:112 Resp: 968830

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	28.2	23.7	35.5



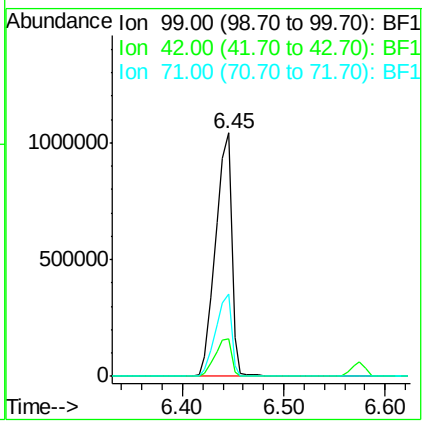


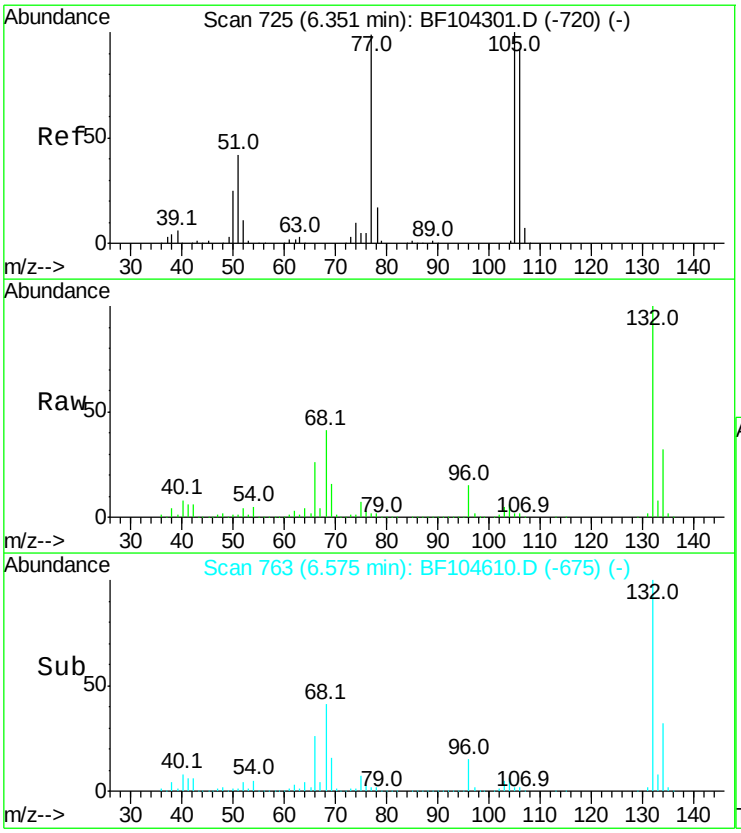
#7
Phenol-d6
Concen: 121.604 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1159064

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	33.7	25.4	38.0

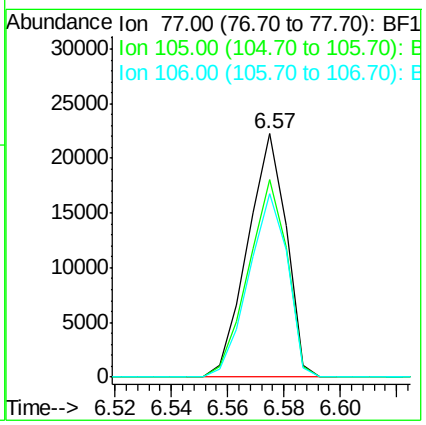


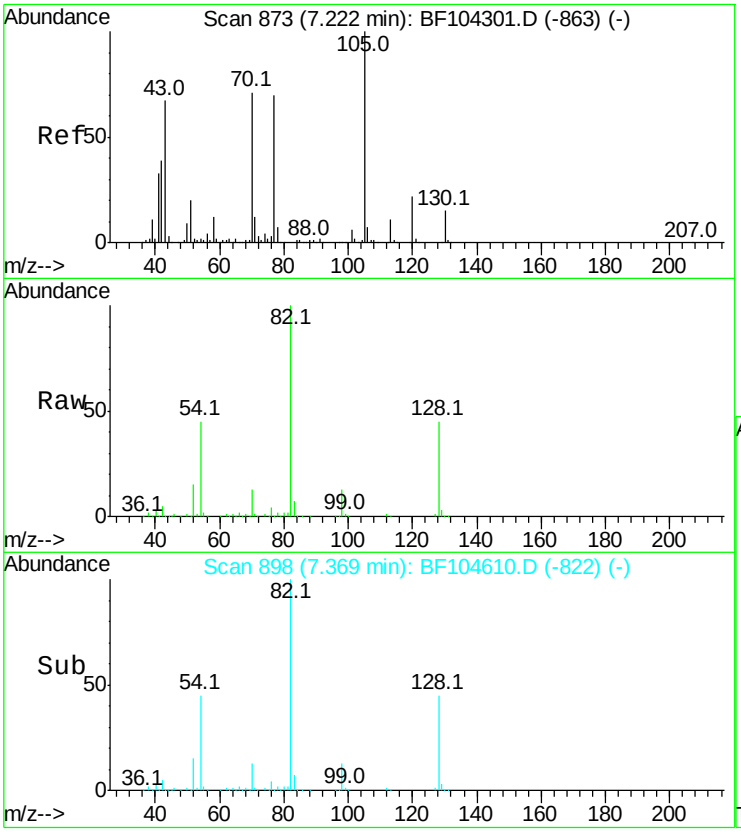


#9
Benzaldehyde
Concen: 2.097 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.22 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion: 77 Resp: 21120

Ion	Ratio	Lower	Upper
77	100		
105	81.4	81.1	121.1
106	75.6	74.5	114.5



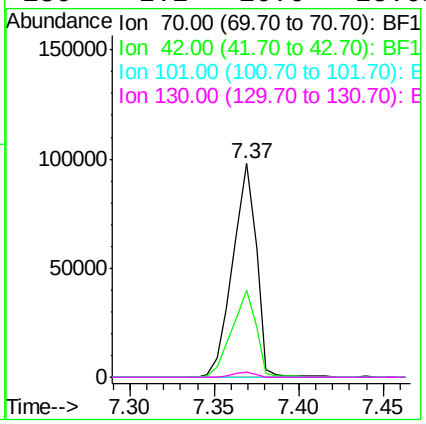


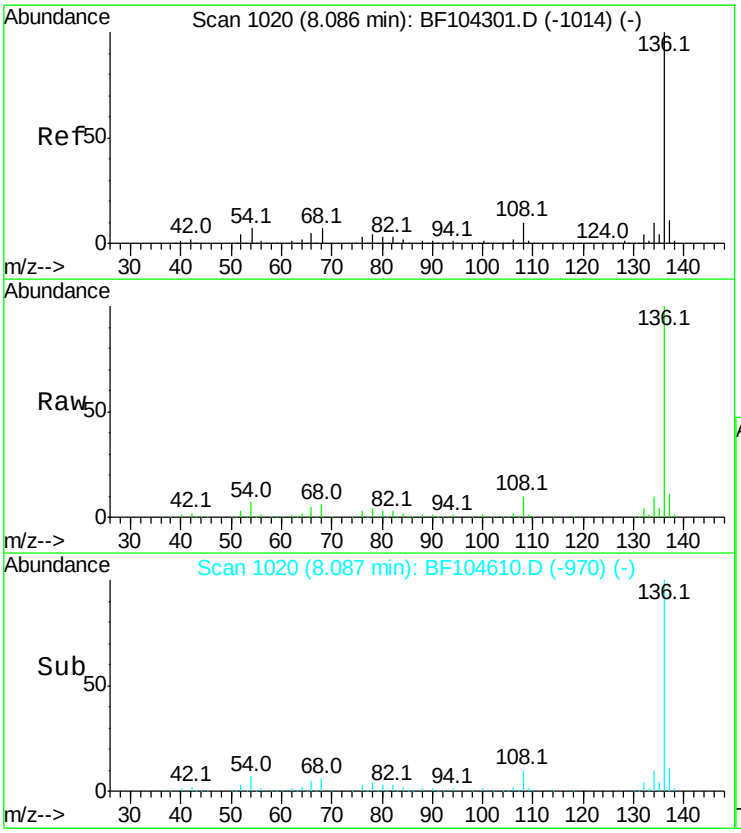
#19
n-Nitroso-di-n-propylamine
Concen: 15.410 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 95981

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

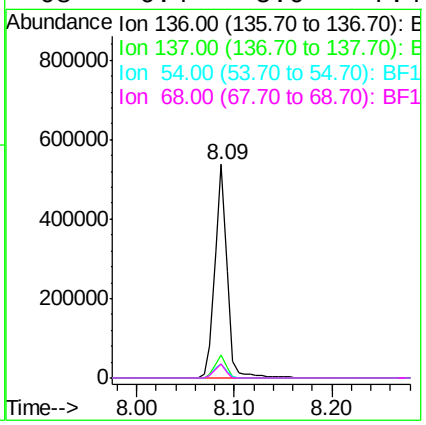


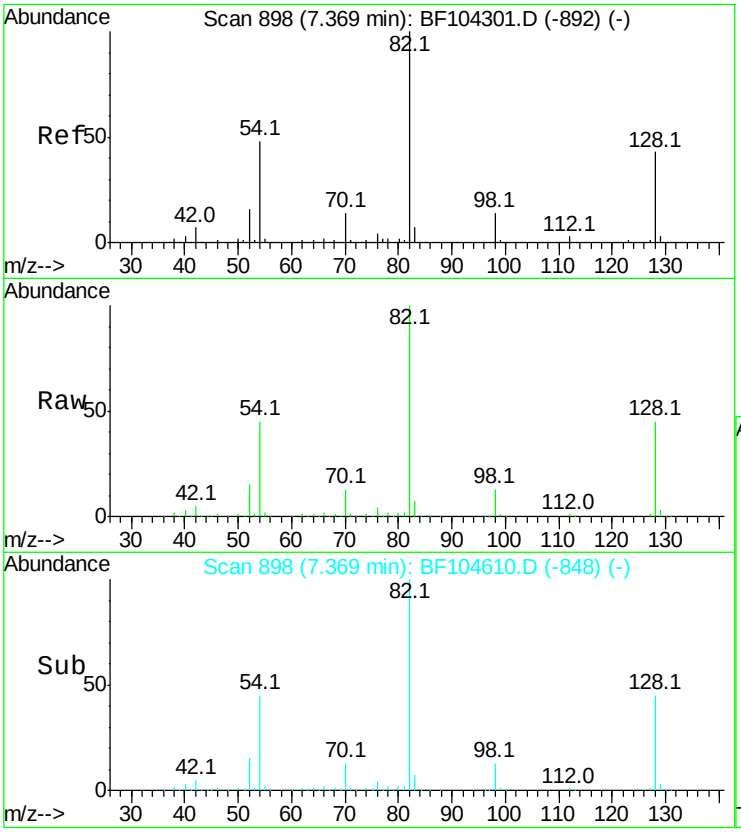


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:136 Resp: 466405

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	6.4	5.0	7.4



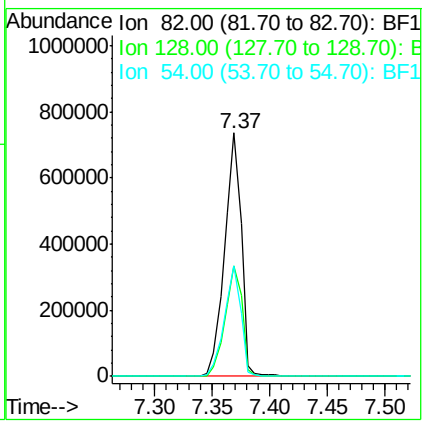


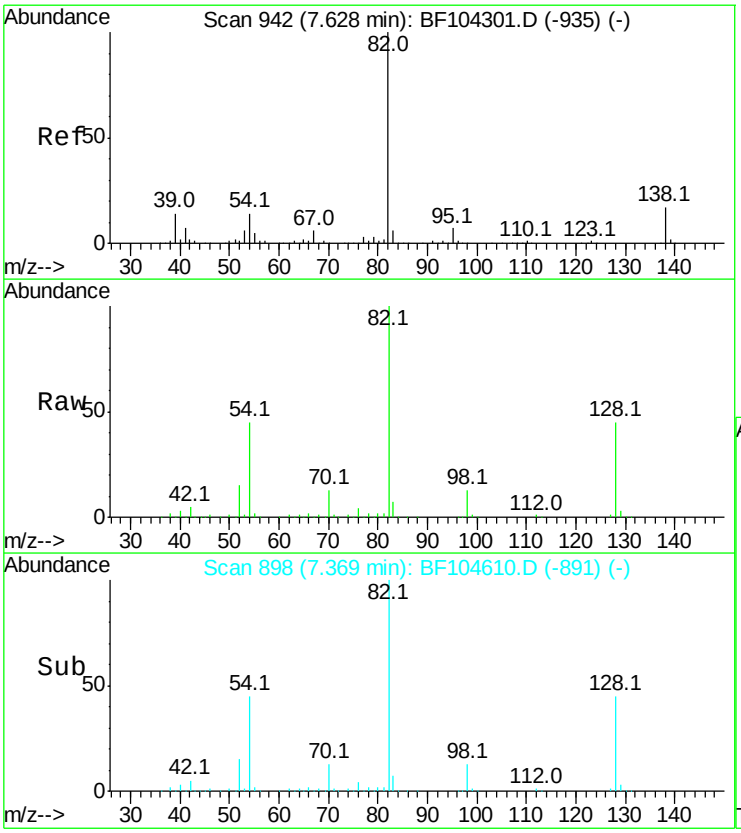
#23
Nitrobenzene-d5
Concen: 103.309 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 737909

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	45.2	41.4	62.2

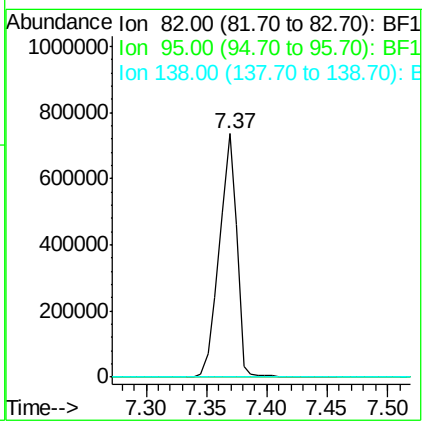


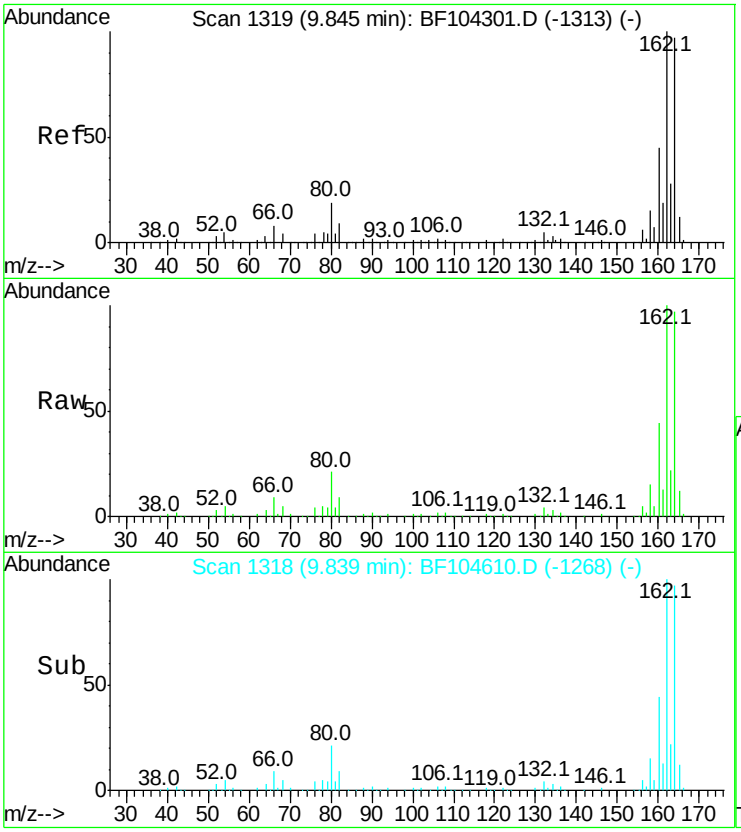


#25
Isophorone
Concen: 48.854 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion: 82 Resp: 737905

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



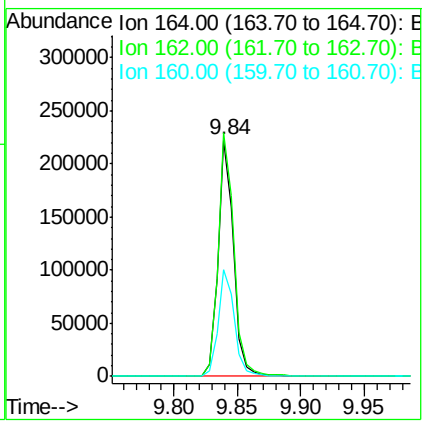


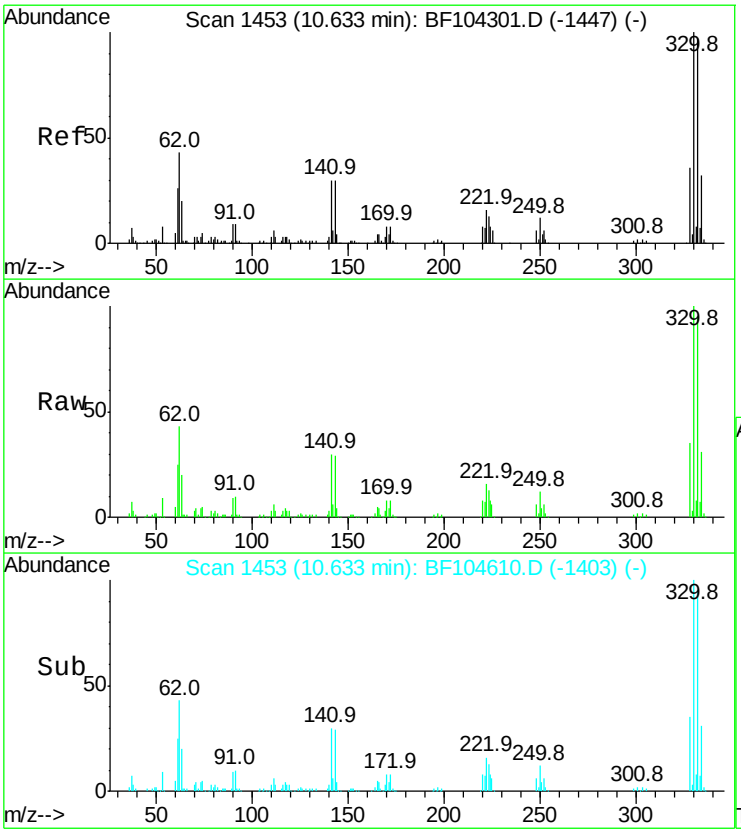
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 191944

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.0	38.3	57.5

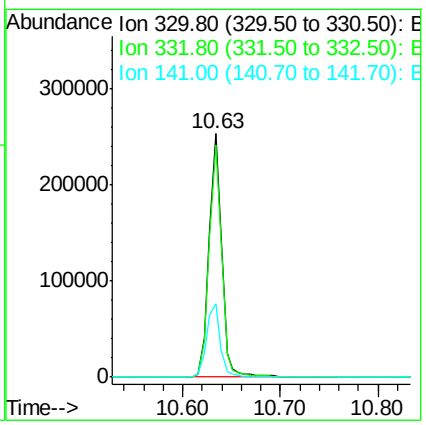


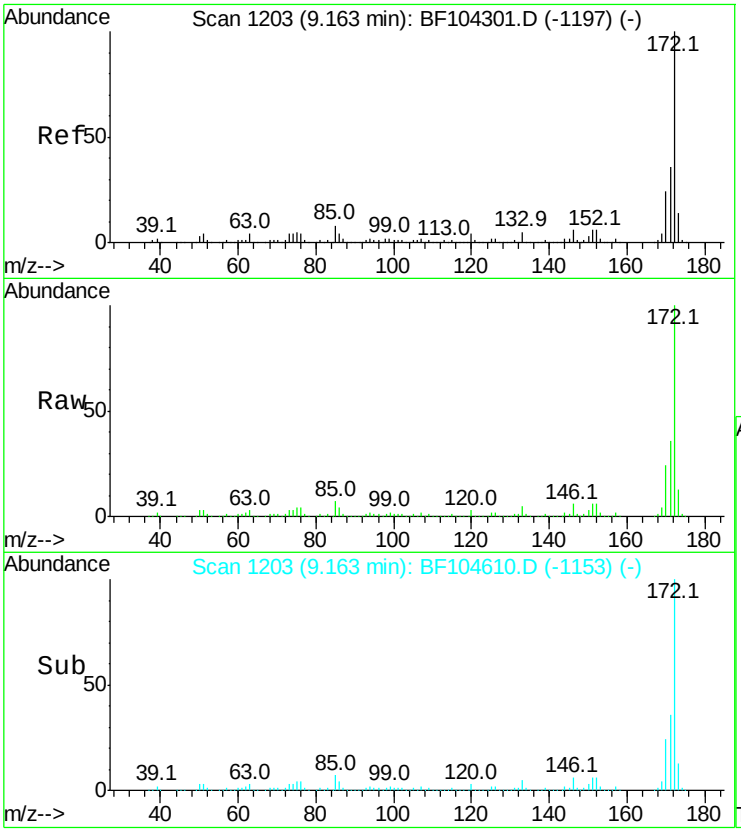


#41
2,4,6-Tribromophenol
Concen: 115.996 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:330 Resp: 230958

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.3	29.9	44.9



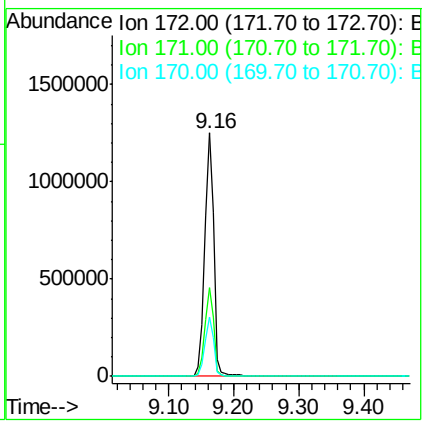


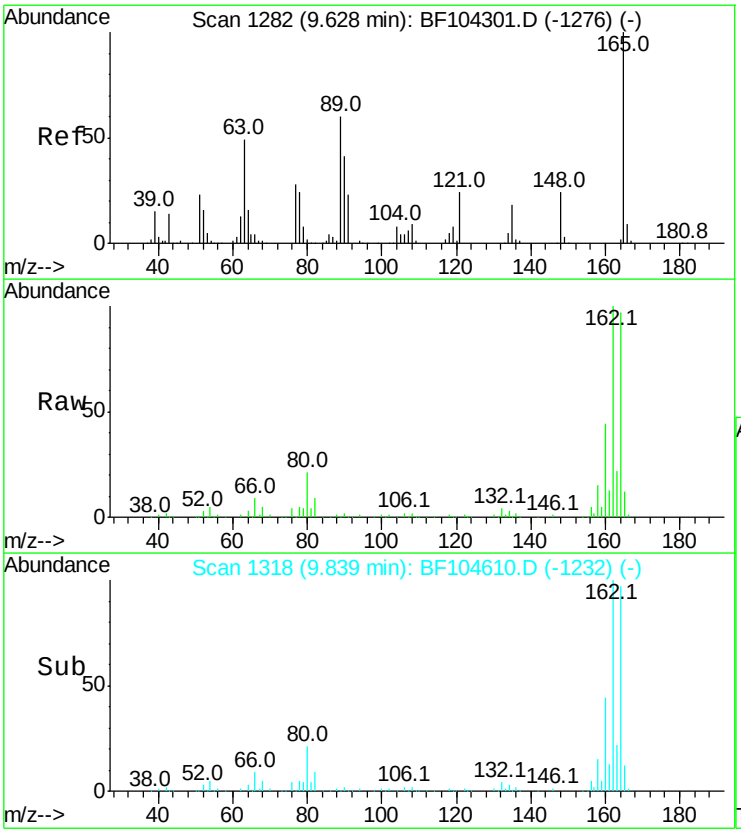
#44
2-Fluorobiphenyl
Concen: 99.893 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1213721

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

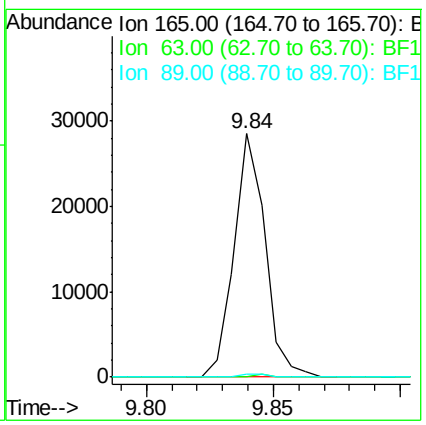


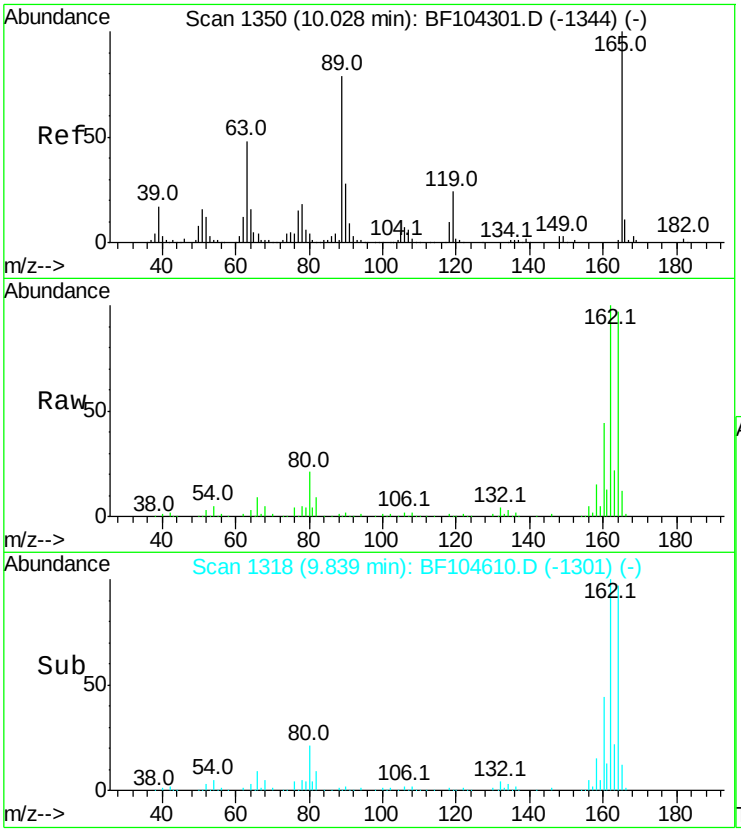


#50
2,6-Dinitrotoluene
Concen: 8.663 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:165 Resp: 24263

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



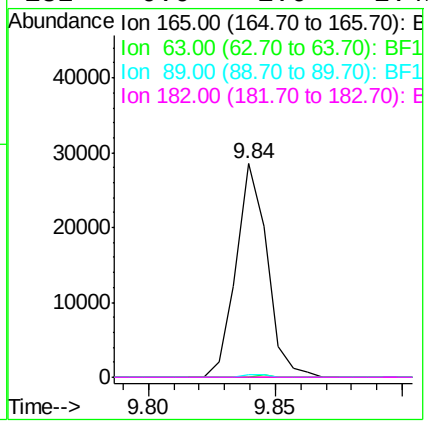


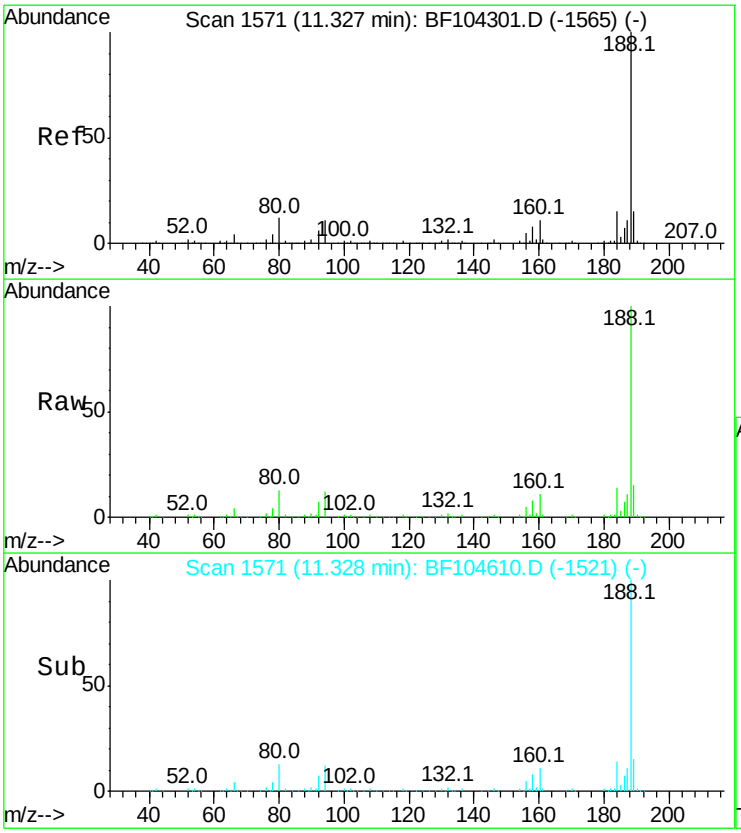
#56
2,4-Dinitrotoluene
Concen: 6.604 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24263

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#

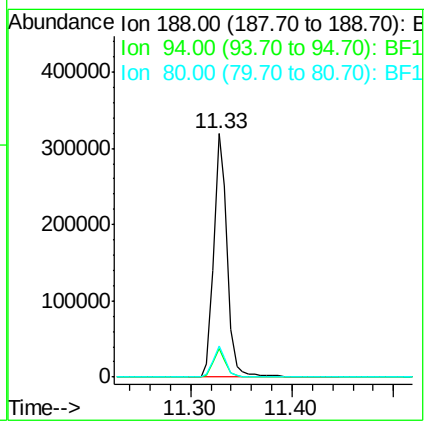


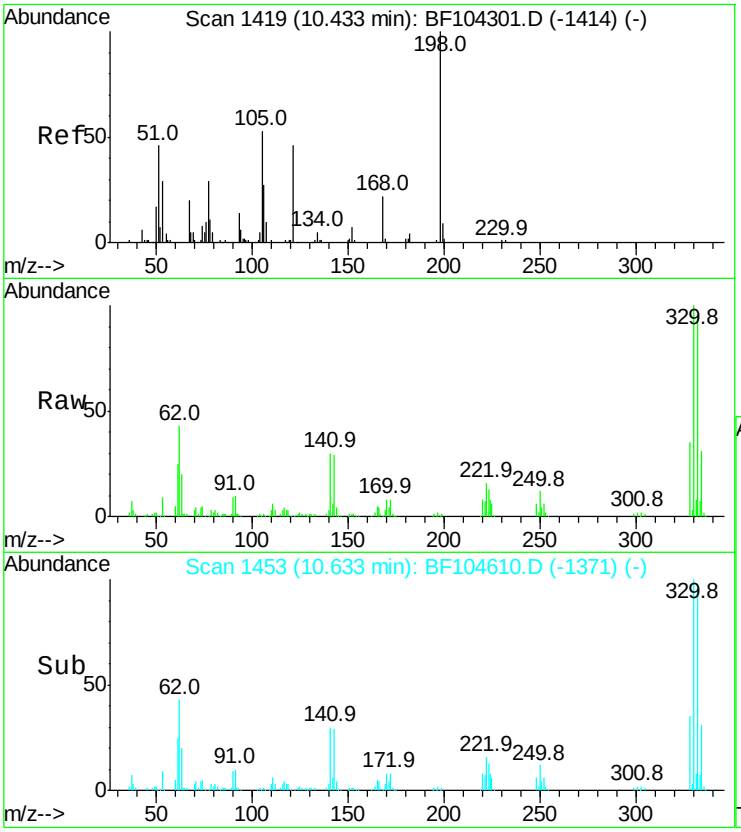


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:188 Resp: 293780

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



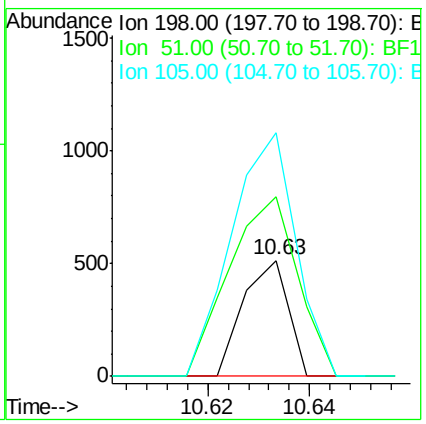


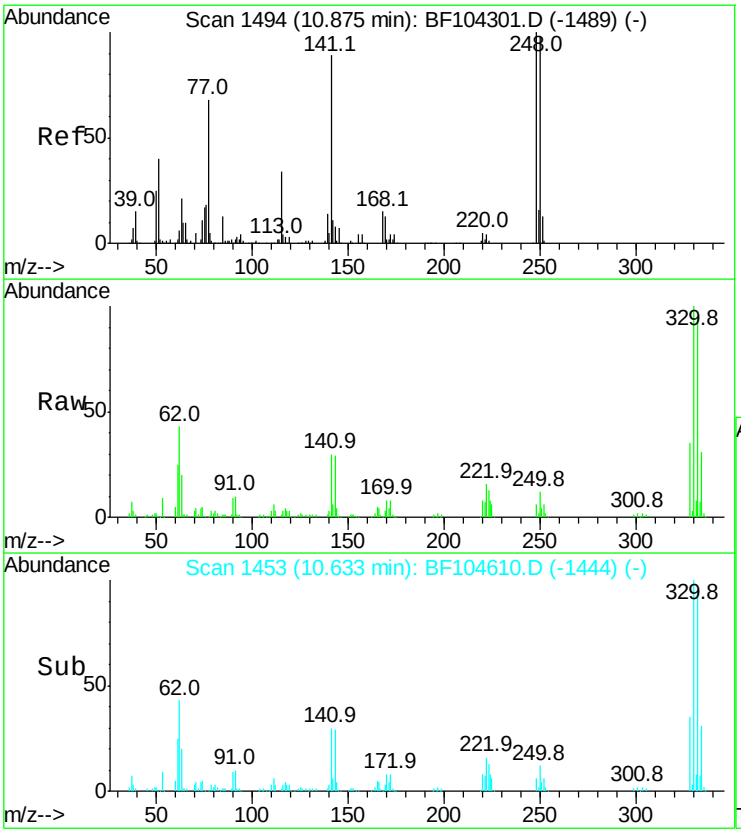
#64
4,6-Dinitro-2-methylphenol
Concen: 7.534 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 316

Ion	Ratio	Lower	Upper
198	100		
51	155.1	37.7	77.7#
105	209.7	36.3	76.3#

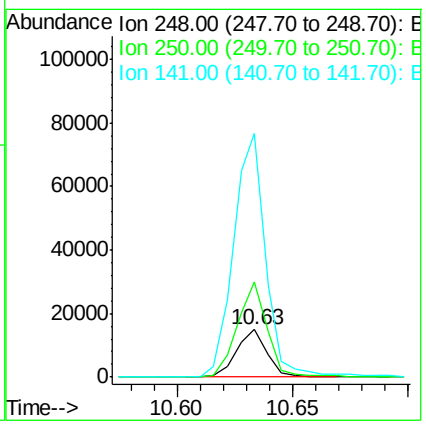


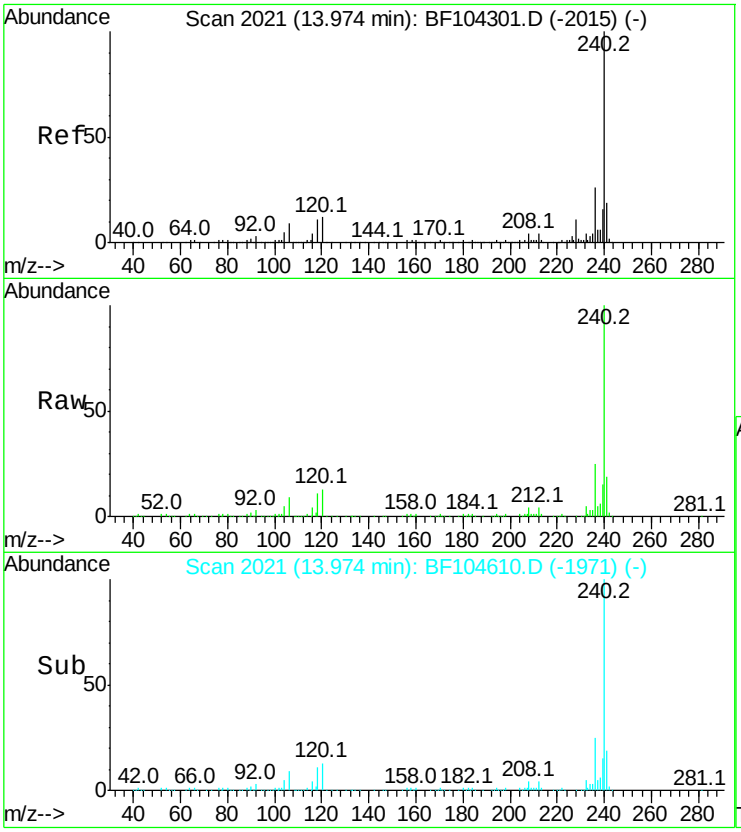


#66
4-Bromophenyl-phenylether
Concen: 4.416 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:248 Resp: 13798

Ion	Ratio	Lower	Upper
248	100		
250	199.5	76.9	115.3#
141	510.3	74.4	111.6#



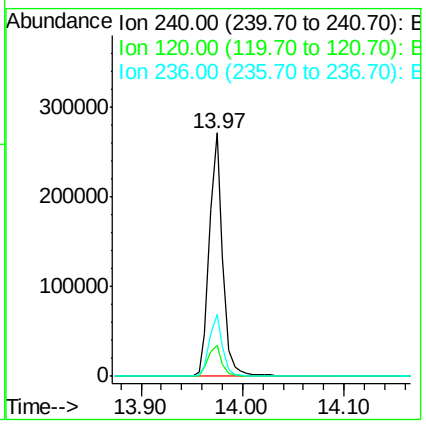


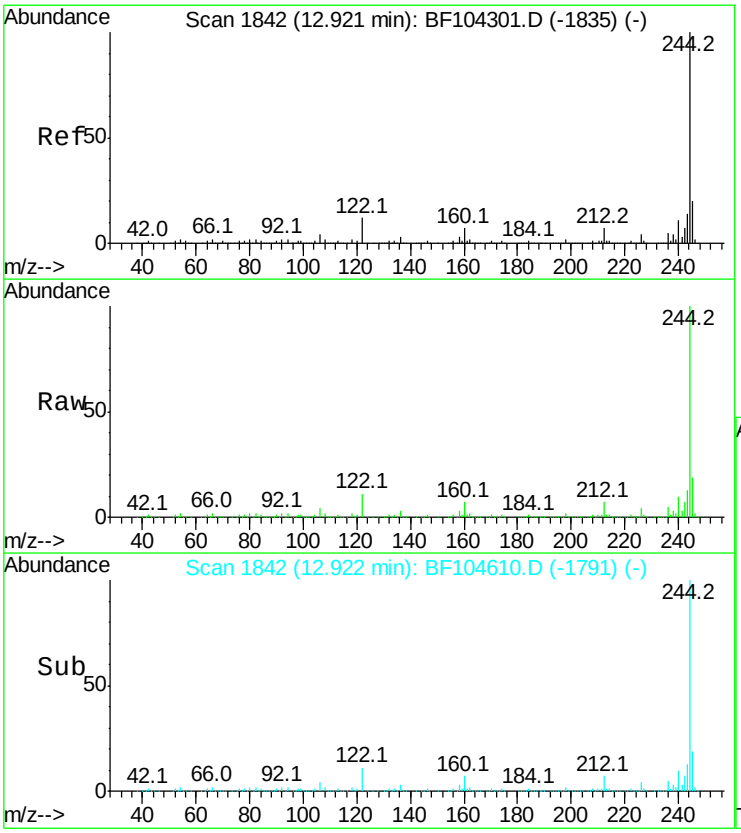
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 248235

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.4	20.7	31.1

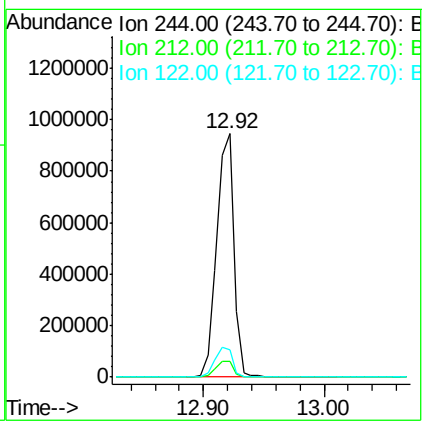


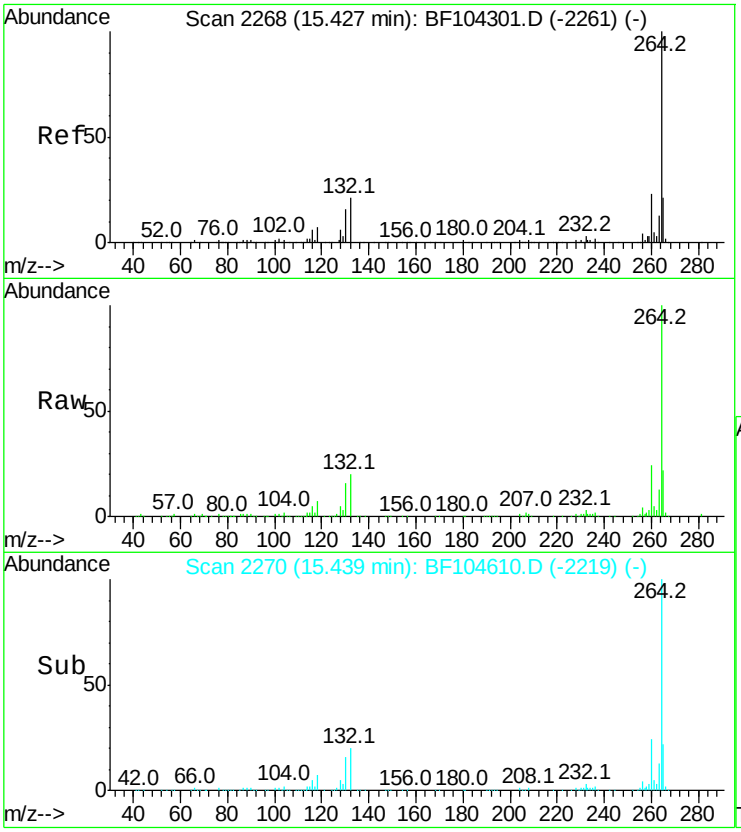


#78
Terphenyl-d14
Concen: 85.005 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:244 Resp: 925560

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 238711

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3