Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112871.D
Acq On : 6 Mar 2019 00:07
Operator : JU/SJ
Sample : K1714-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-B-0-2

Quant Time: Mar 06 01:47:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	168528	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	613061	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	264666	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	490638	20.00	ng		0.00
76) Chrysene-d12	13.87	240	482449	20.00	ng		0.00
87) Perylene-d12	15.29	264	358077	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	876408	80.89	ng		0.00
7) Phenol-d6	6.37	99	1130874	83.10	ng		0.00
23) Nitrobenzene-d5	7.30	82	681221	66.49	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	296739	105.61	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1225016	74.15	ng		0.00
79) Terphenyl-d14	12.83	244	1232484	49.52	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	89004	10.326	ng	#	78
25) Isophorone	7.30	82	656874	29.760	ng	#	66
50) Dimethylphthalate	9.49	163	88482	4.534	ng		98
51) 2,6-Dinitrotoluene	9.77	165	33586	8.265	ng	#	18
57) 2,4-Dinitrotoluene	9.77	165	33586	6.649	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	339	4.765	ng	#	1
67) 4-Bromophenyl-phenylether	10.56	248	16864	3.263	ng	#	1

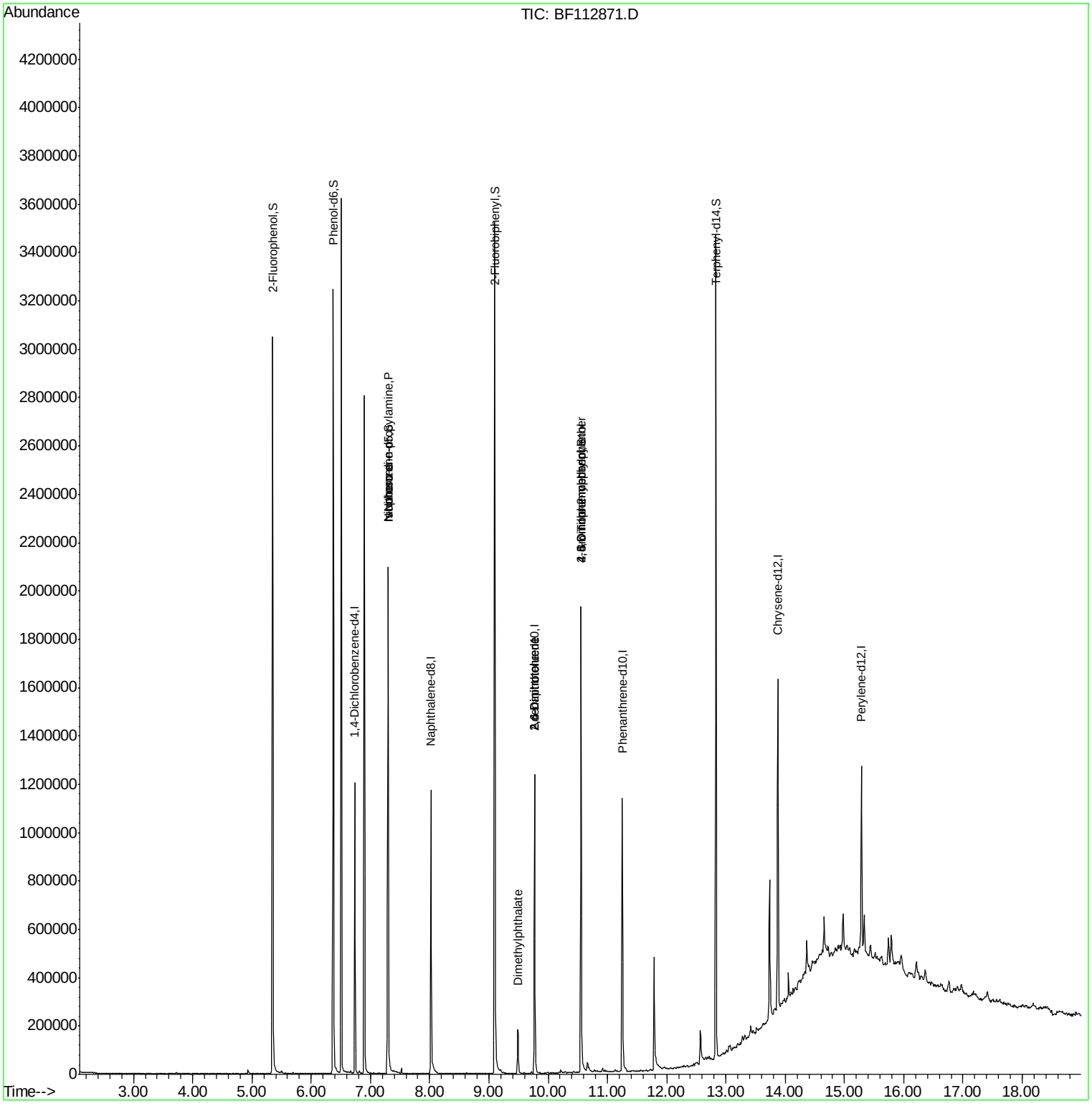
(#) = qualifier out of range (m) = manual integration (+) = signals summed

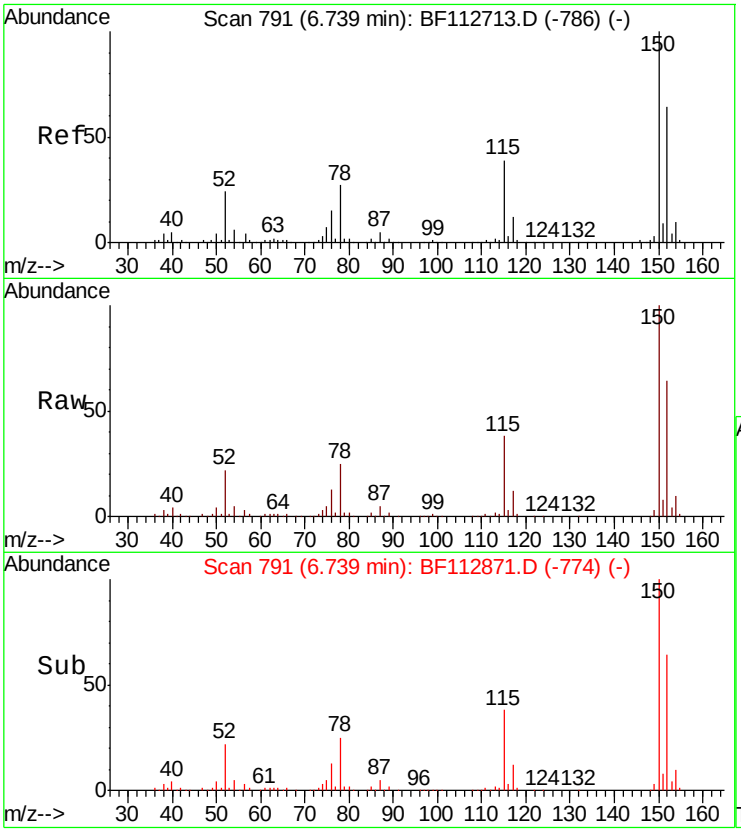
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112871.D
Acq On : 6 Mar 2019 00:07
Operator : JU/SJ
Sample : K1714-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-B-0-2

Quant Time: Mar 06 01:47:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



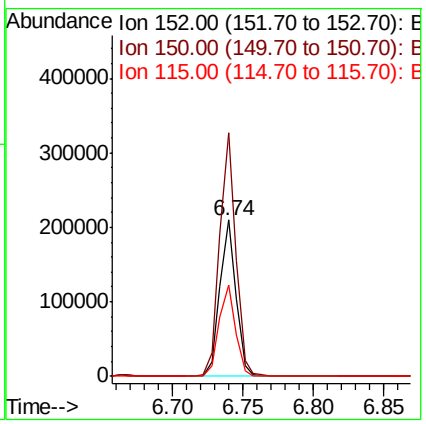


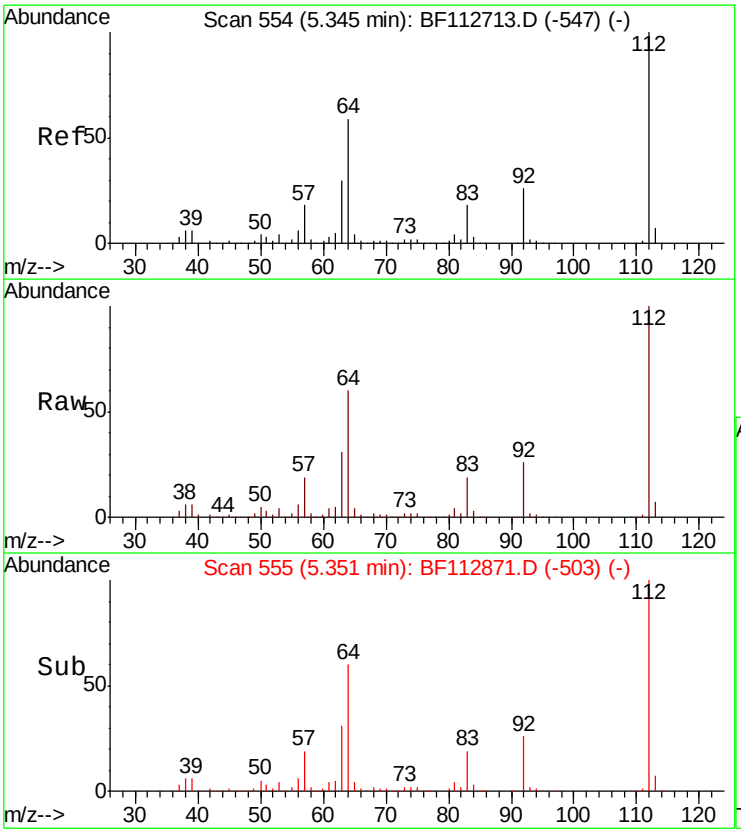
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion:152 Resp: 168528

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	58.6	48.2	72.4

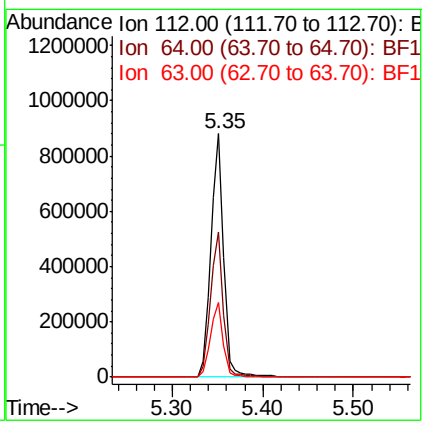


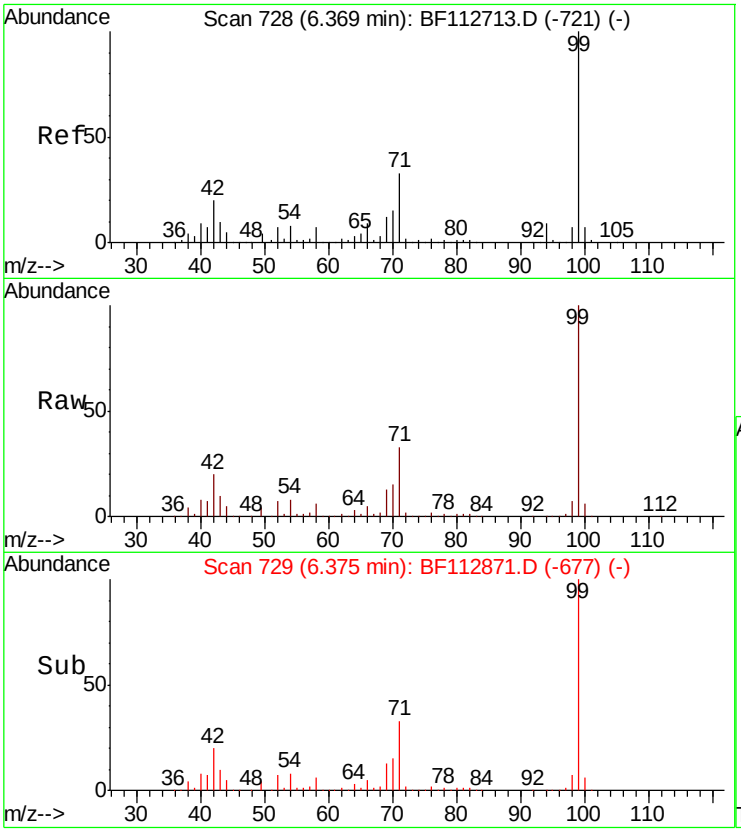


#5
2-Fluorophenol
Concen: 80.894 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:112 Resp: 876408

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.9	24.4	36.6



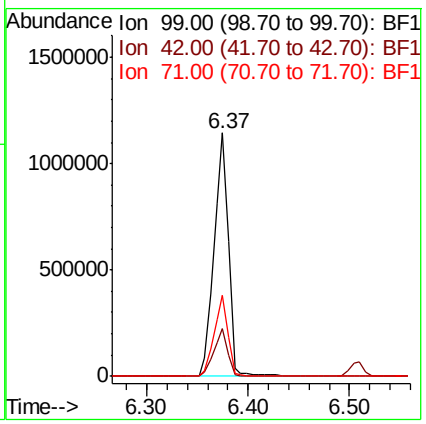


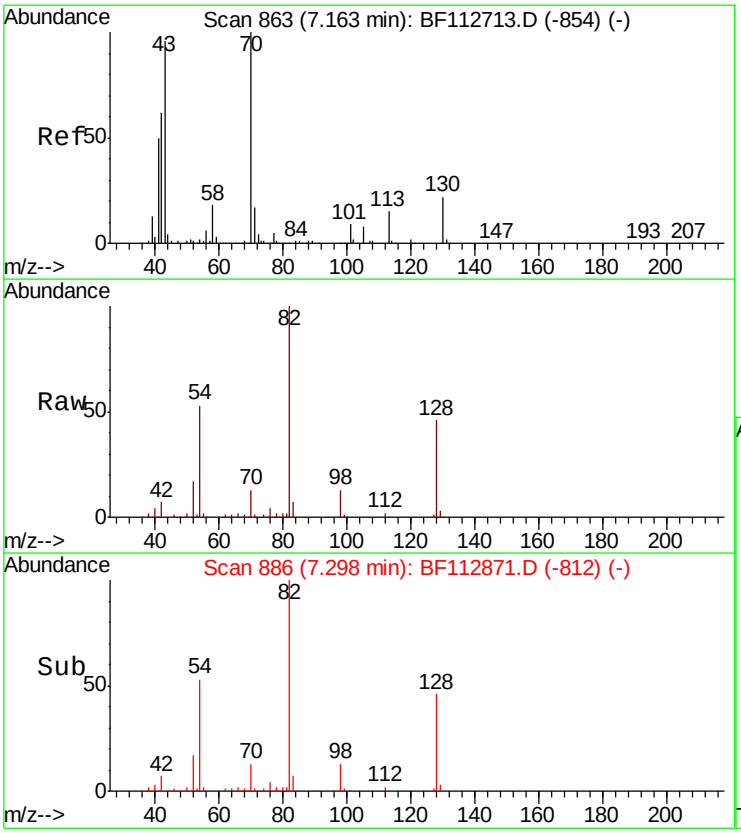
#7
Phenol-d6
Concen: 83.096 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion: 99 Resp: 1130874

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.3	24.5
71	33.4	26.2	39.4

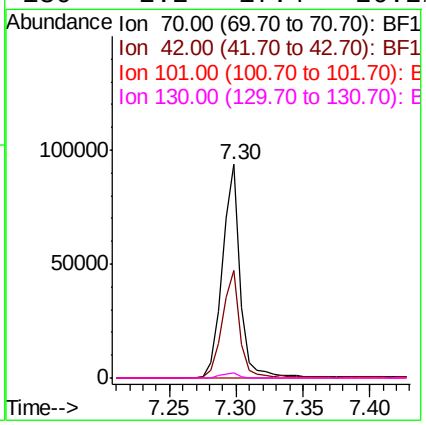


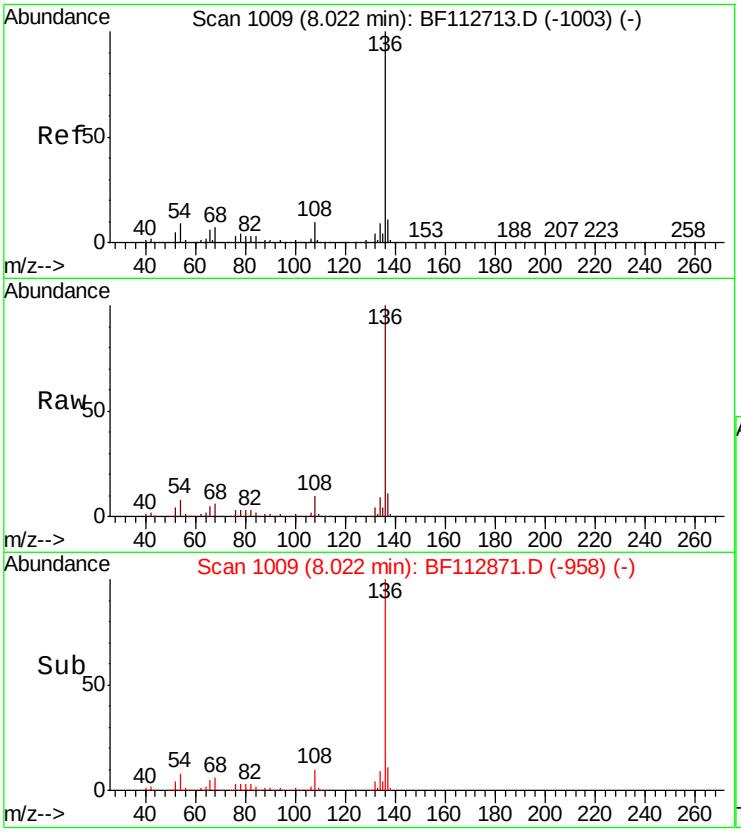


#19
n-Nitroso-di-n-propylamine
Concen: 10.326 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion: 70 Resp: 89004

Ion	Ratio	Lower	Upper
70	100		
42	50.6	49.9	74.9
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



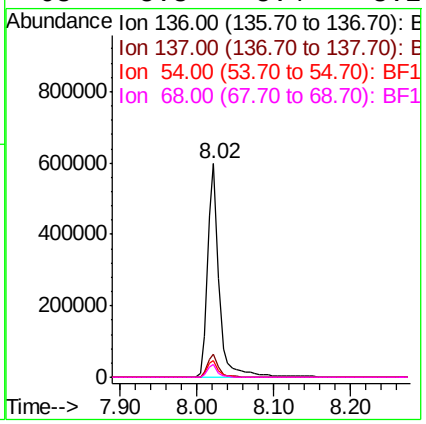


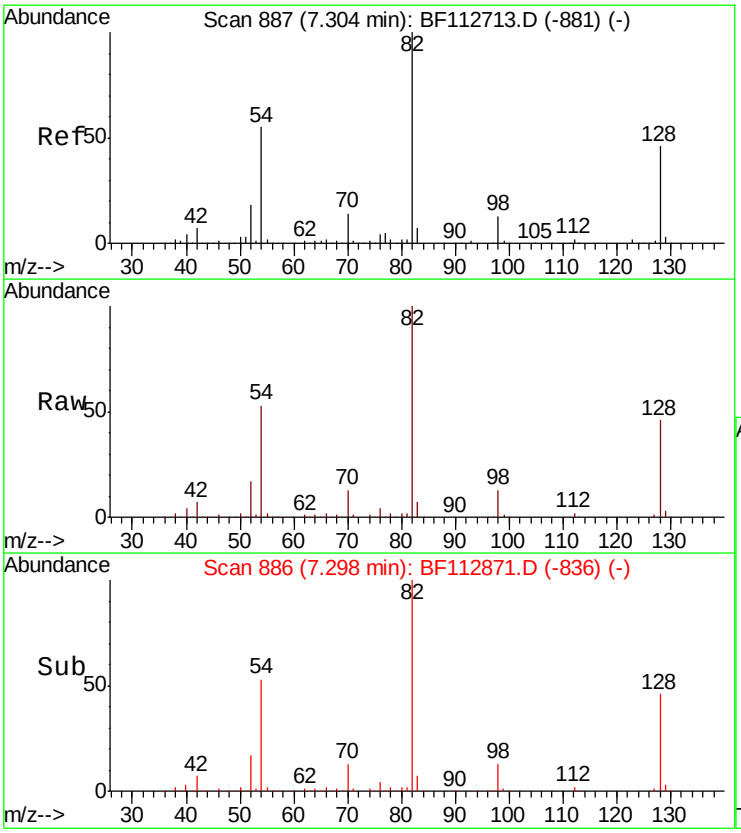
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion:136 Resp: 613061

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	7.3	10.9
68	5.8	5.4	8.2

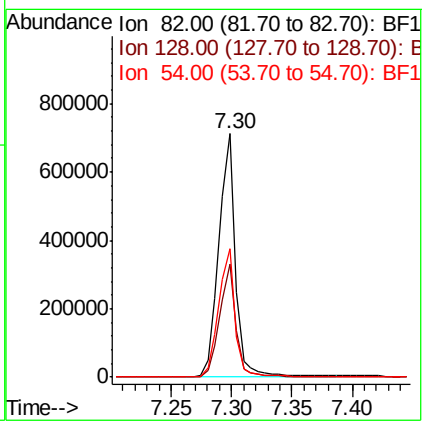


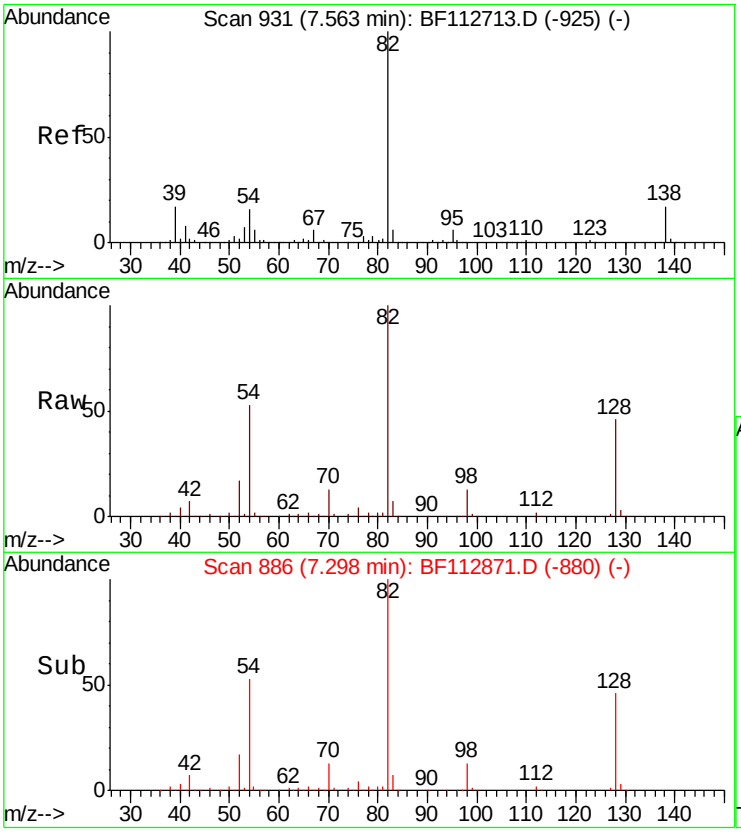


#23
Nitrobenzene-d5
Concen: 66.491 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion: 82 Resp: 681221

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	52.7	43.7	65.5



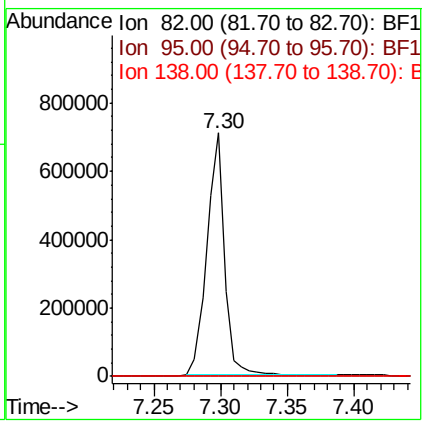


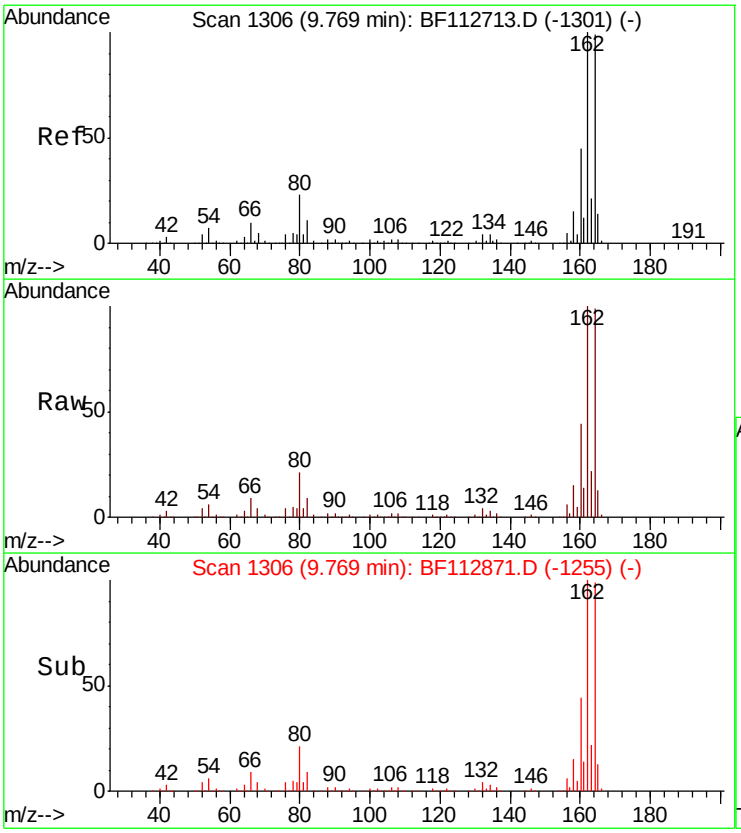
#25
Isophorone
Concen: 29.760 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion: 82 Resp: 656874

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

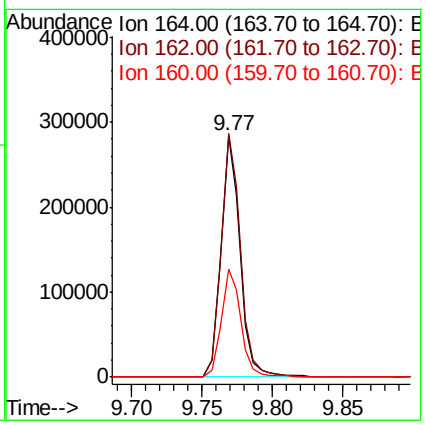


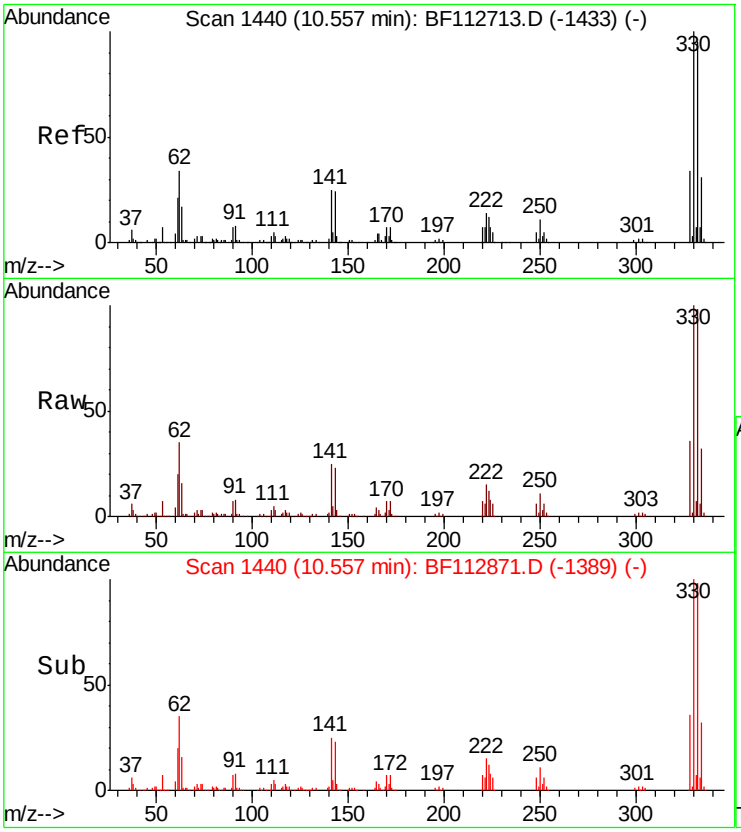


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:164 Resp: 264666

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.7	36.0	54.0



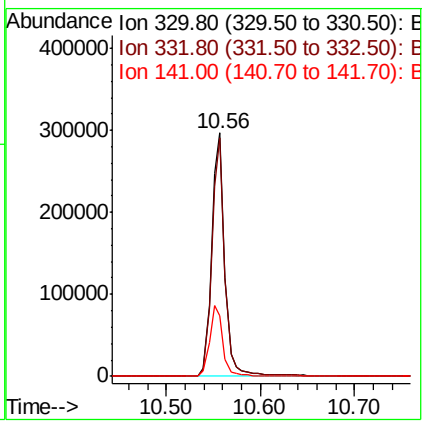


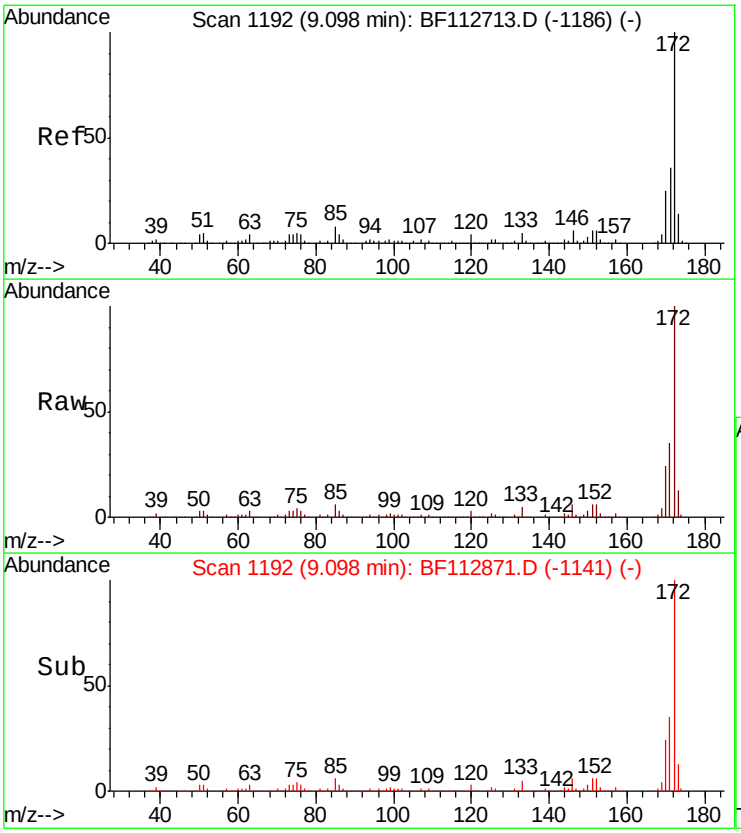
#42
2,4,6-Tribromophenol
Concen: 105.610 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion:330 Resp: 296739

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	29.2	27.0	40.6

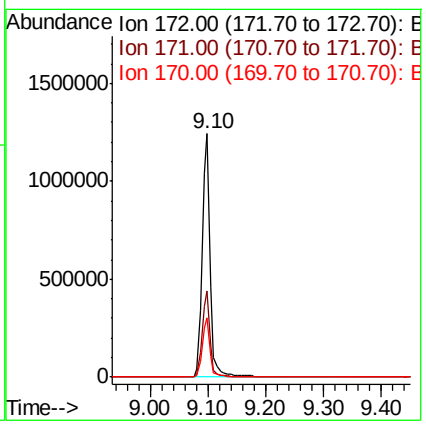


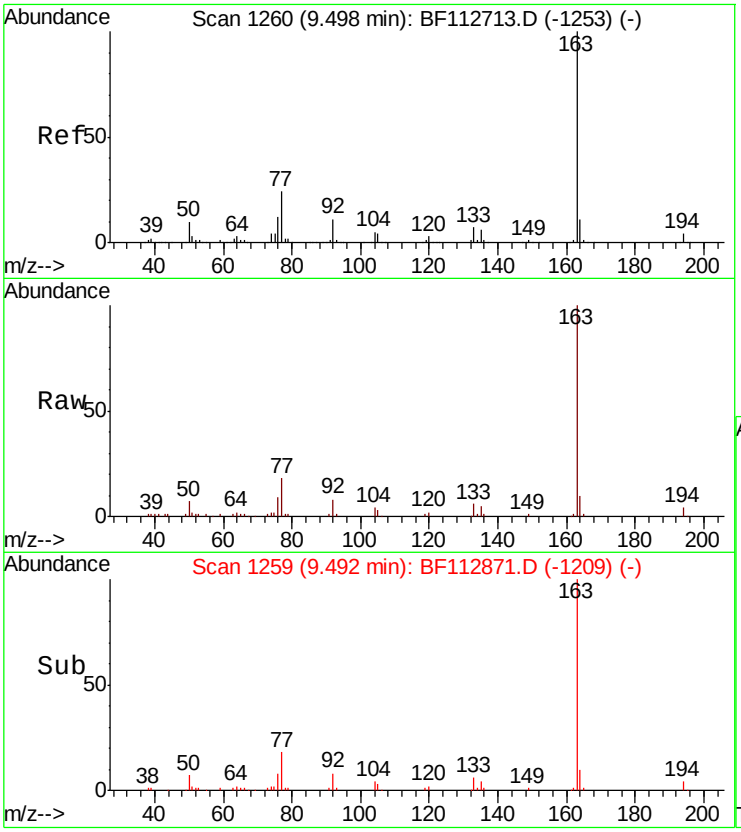


#45
2-Fluorobiphenyl
Concen: 74.146 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:172 Resp: 1225016

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.2	20.0	30.0



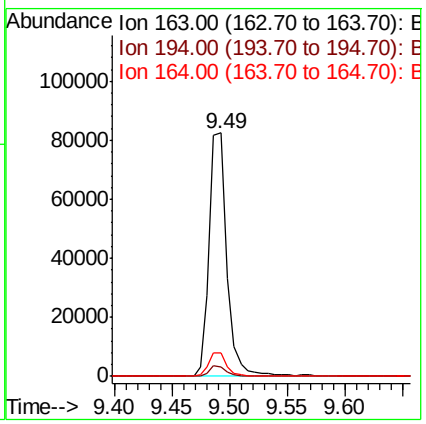


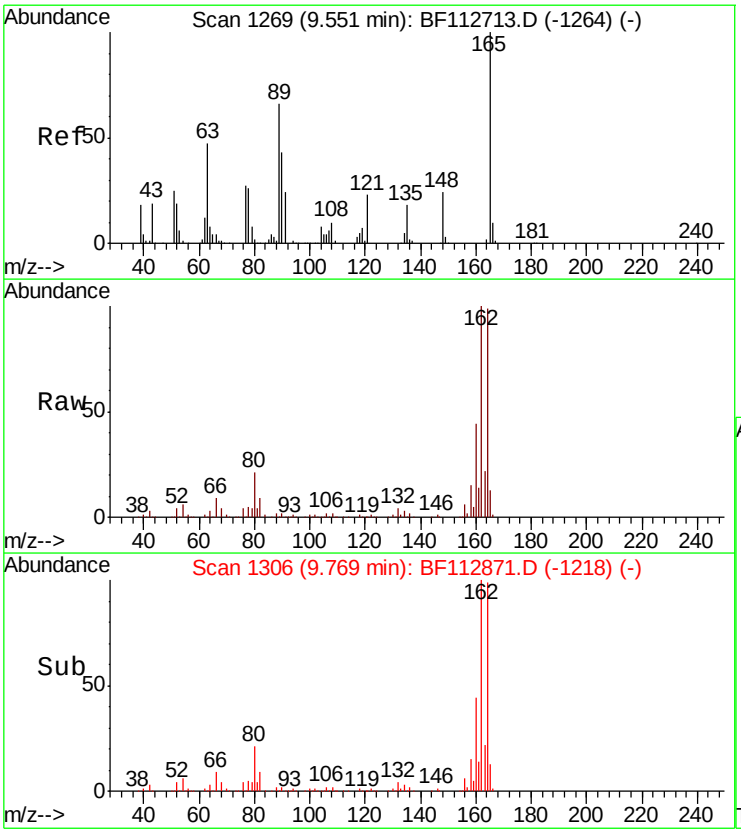
#50
Dimethylphthalate
Concen: 4.534 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion:163 Resp: 88482

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.8	8.4	12.6

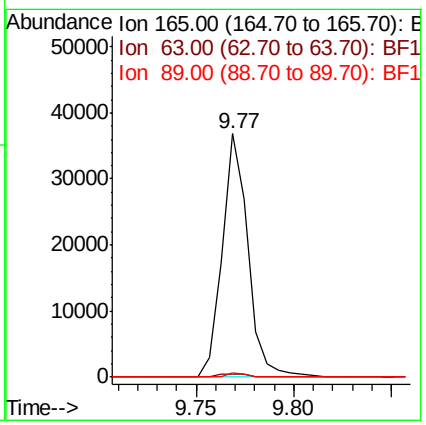


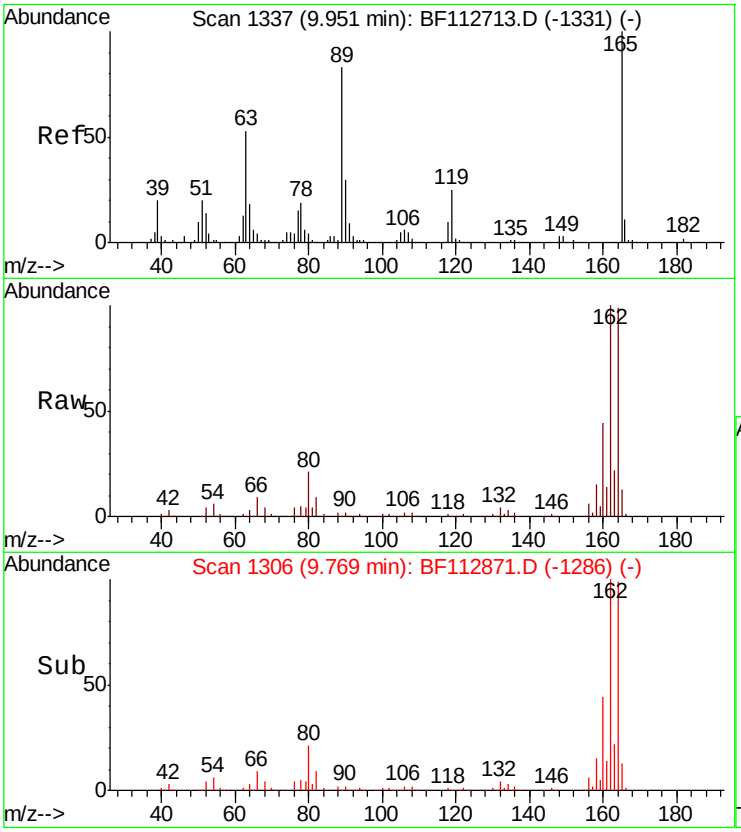


#51
2,6-Dinitrotoluene
Concen: 8.265 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:165 Resp: 33586

Ion	Ratio	Lower	Upper
165	100		
63	1.1	54.1	81.1#
89	1.8	52.8	79.2#



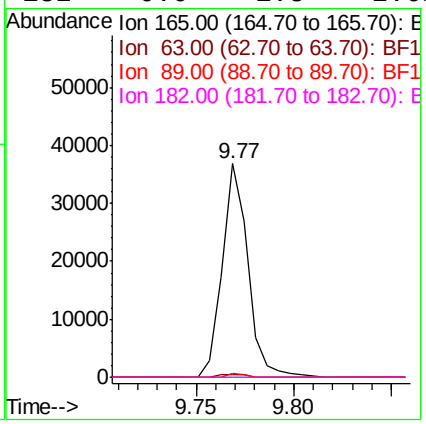


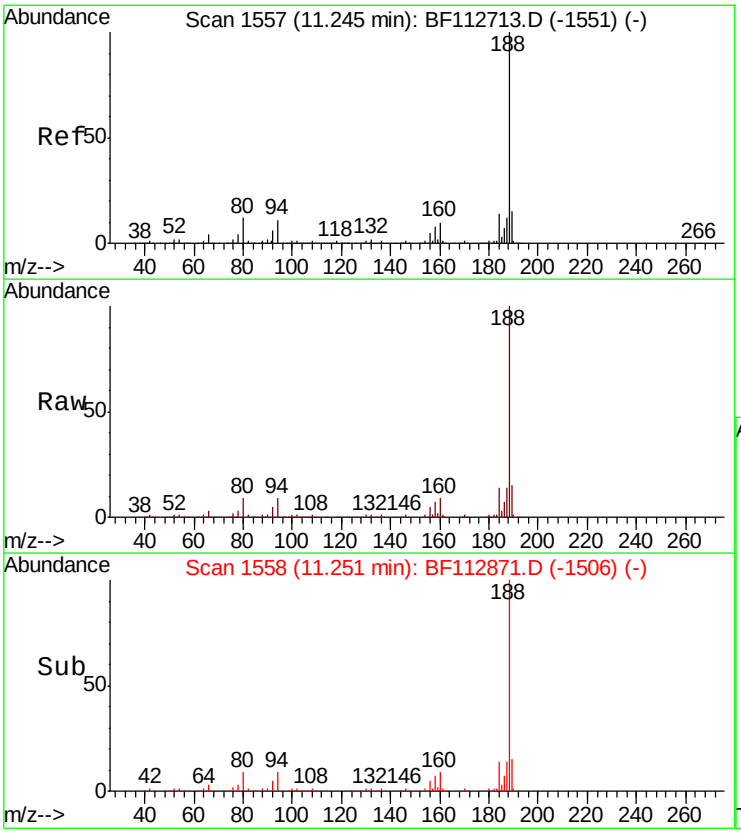
#57
2,4-Dinitrotoluene
Concen: 6.649 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion:165 Resp: 33586

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.8	66.2	99.4#
182	0.0	1.8	2.6#

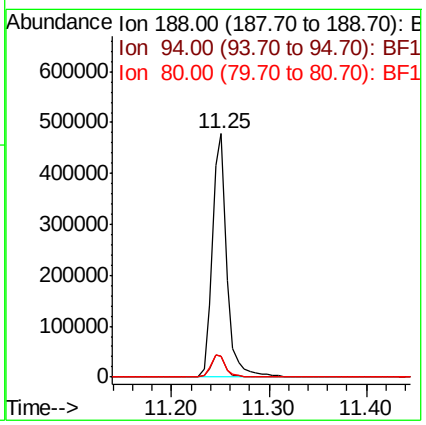


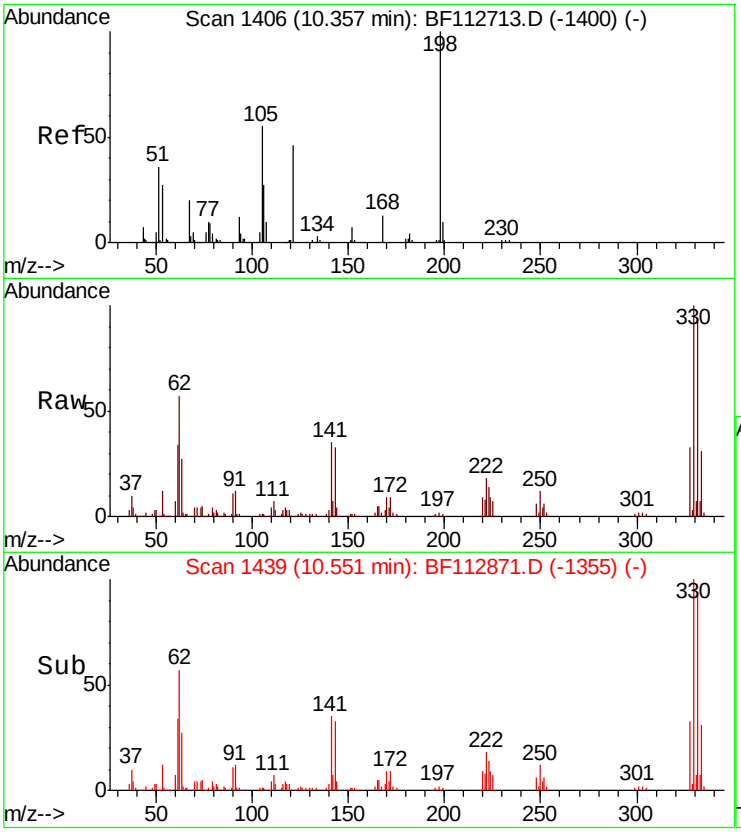


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:188 Resp: 490638

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	8.8	9.2	13.8#



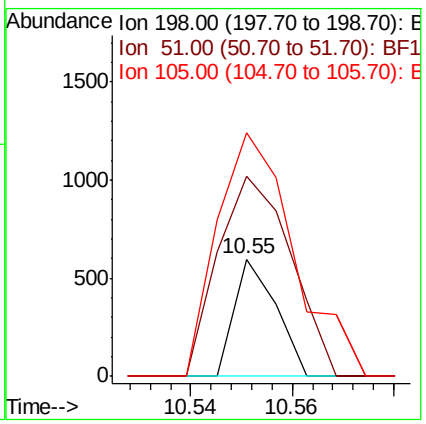


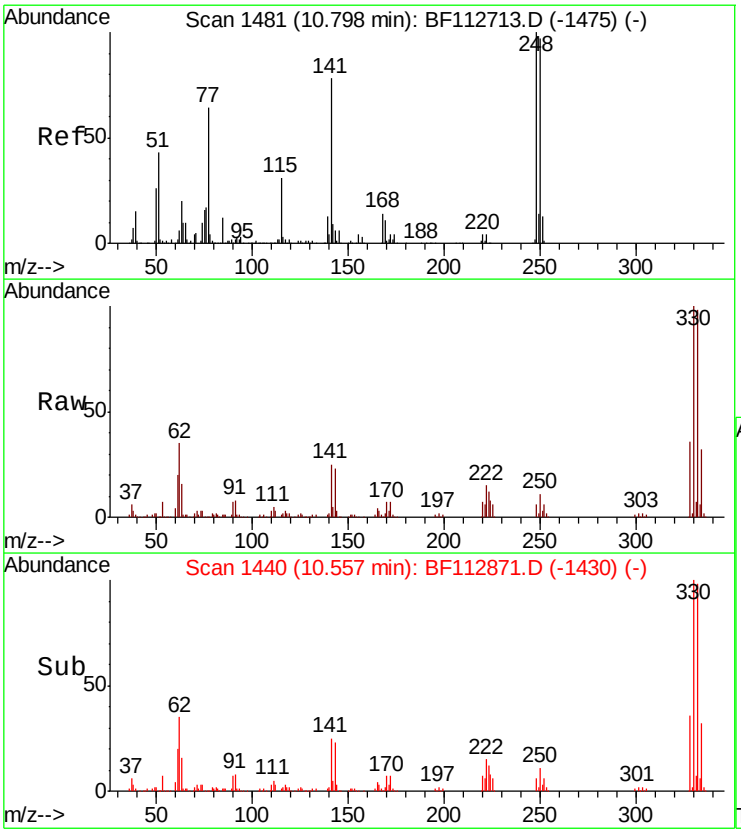
#65
4,6-Dinitro-2-methylphenol
Concen: 4.765 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion:198 Resp: 339

Ion	Ratio	Lower	Upper
198	100		
51	171.5	43.8	83.8#
105	208.2	36.5	76.5#

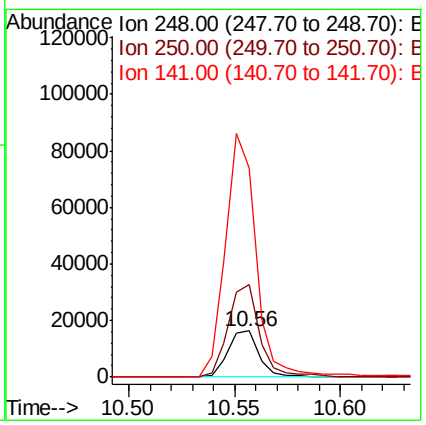


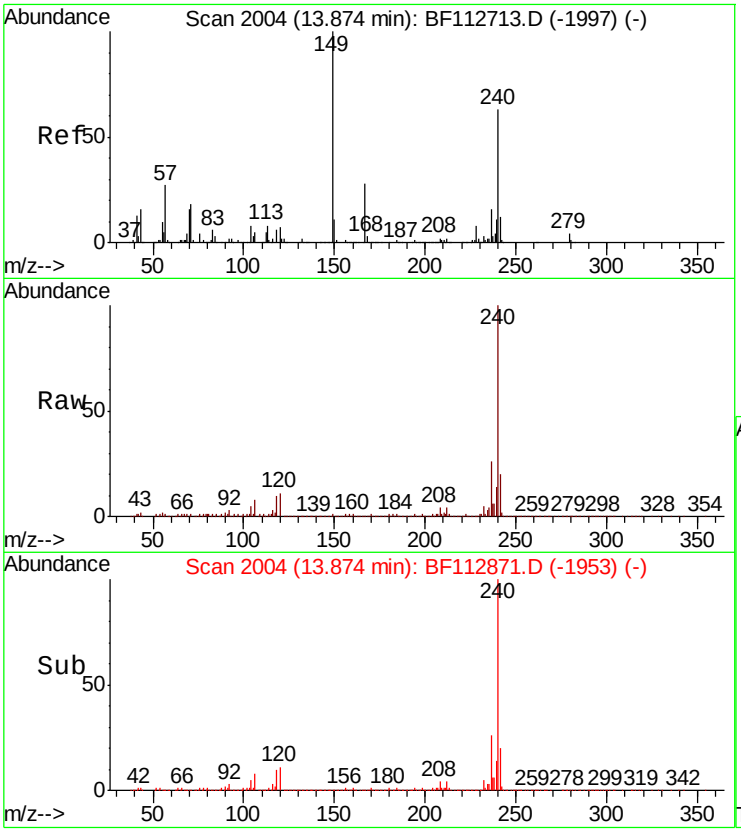


#67
4-Bromophenyl-phenylether
Concen: 3.263 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:248 Resp: 16864

Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.5	116.3#
141	451.7	62.4	93.6#



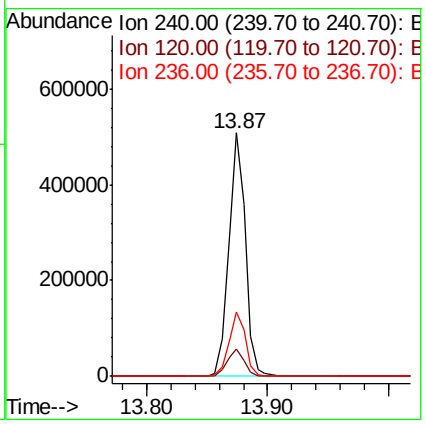


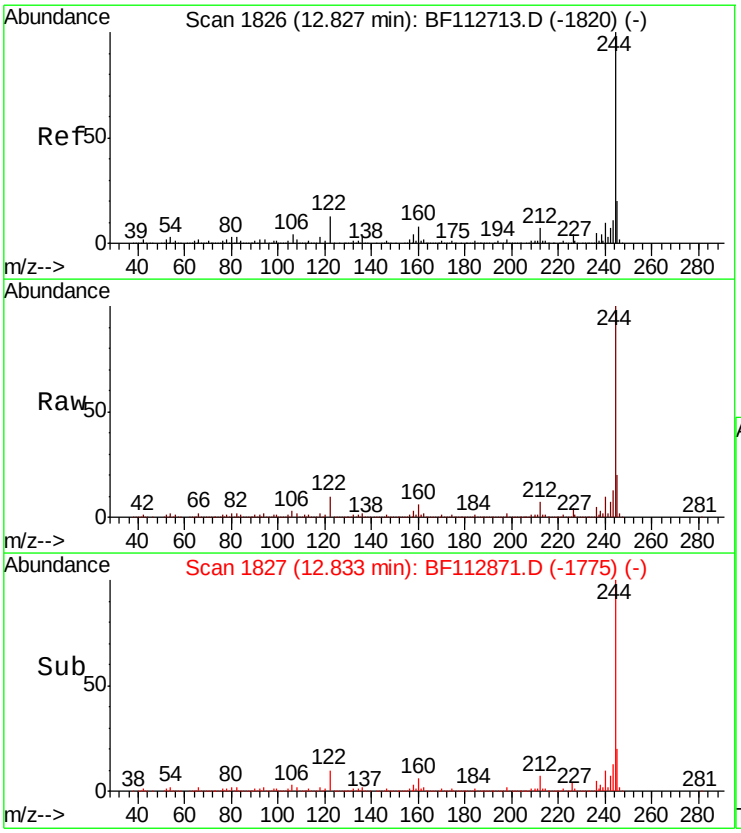
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion:240 Resp: 482449

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.5	20.7	31.1

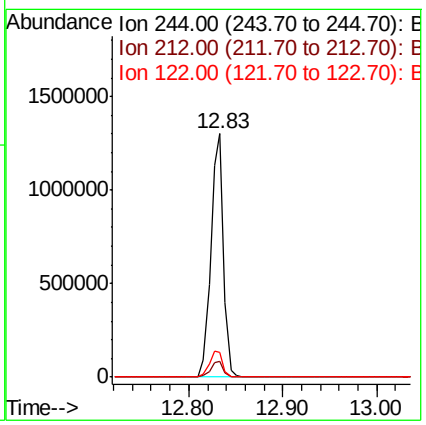


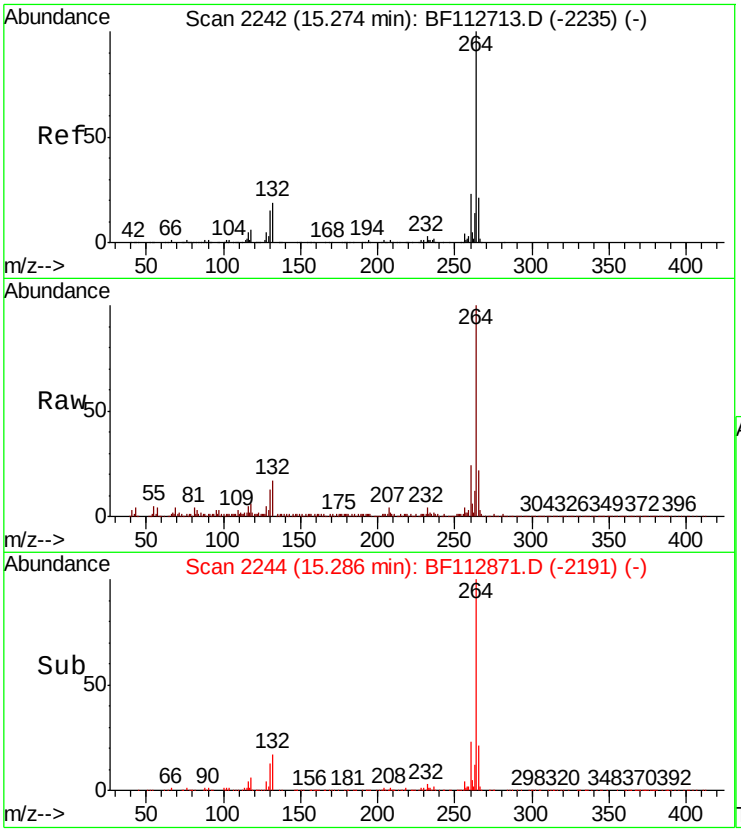


#79
Terphenyl-d14
Concen: 49.522 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:244 Resp: 1232484

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.0	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

Tgt Ion:264 Resp: 358077

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.2	25.8