Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102829.D
Acq On : 7 Feb 2018 22:08
Operator : SJ/JU
Sample : J1473-29 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 08 02:21:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	187577	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	745118	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	312284	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	465293	20.00	ng	0.00
75) Chrysene-d12	14.05	240	377265	20.00	ng	0.00
86) Perylene-d12	15.53	264	304686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	689511	55.82	ng	0.00
7) Phenol-d6	6.50	99	806993	54.26	ng	0.00
23) Nitrobenzene-d5	7.44	82	485113	45.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	139628	55.55	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	863982	45.91	ng	0.00
78) Terphenyl-d14	12.99	244	635354	39.88	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.42	42	17723	2.46	ng	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	64282	6.56	ng	# 83
25) Isophorone	7.44	82	485188	19.62	ng	# 64
32) Benzoic acid	8.16	122	110	8.56	ng	# 1
47) 2-Nitroaniline	9.63	65	842	3.59	ng	# 1
49) Dimethylphthalate	9.63	163	75767	3.11	ng	99
50) 2,6-Dinitrotoluene	9.92	165	40751	8.80	ng	# 26
55) 4-Nitrophenol	10.13	139	282	4.08	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	40751	9.21	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	153	8.87	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
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Acq On : 7 Feb 2018 22:08
Operator : SJ/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_F
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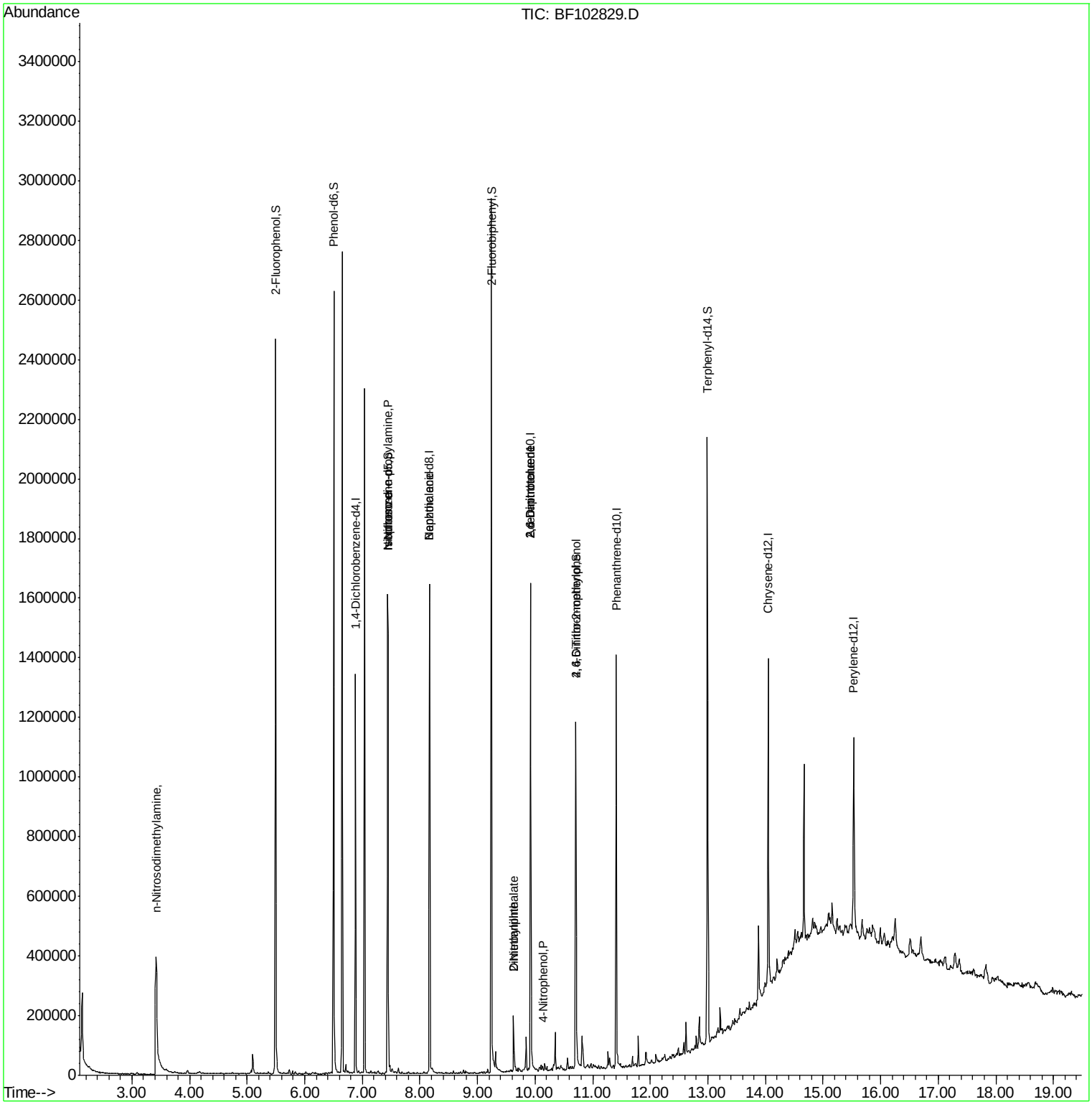
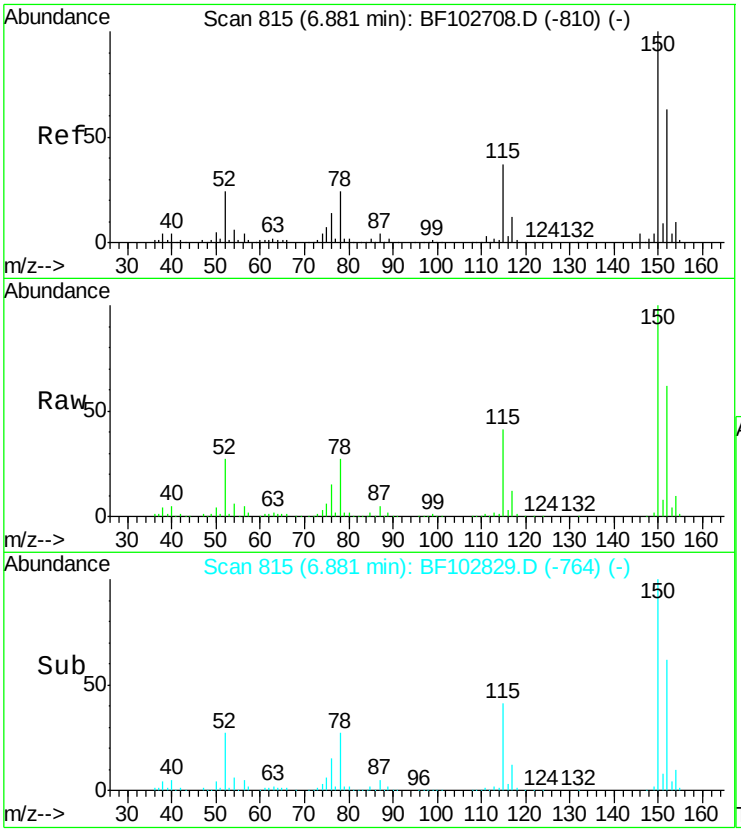


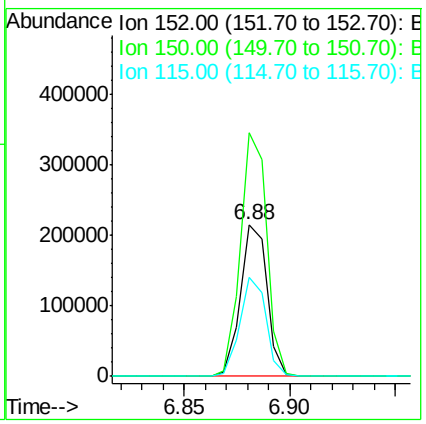


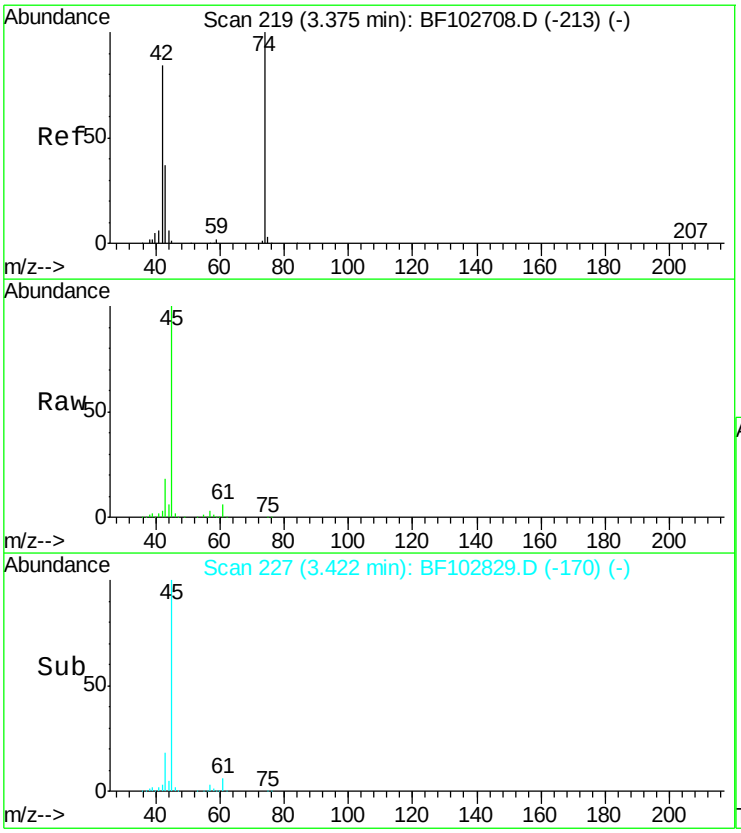
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 187577

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	65.5	50.1	75.1

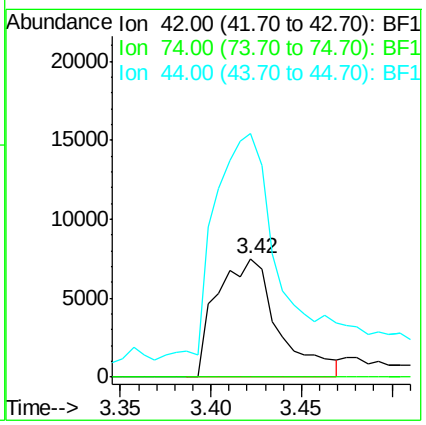


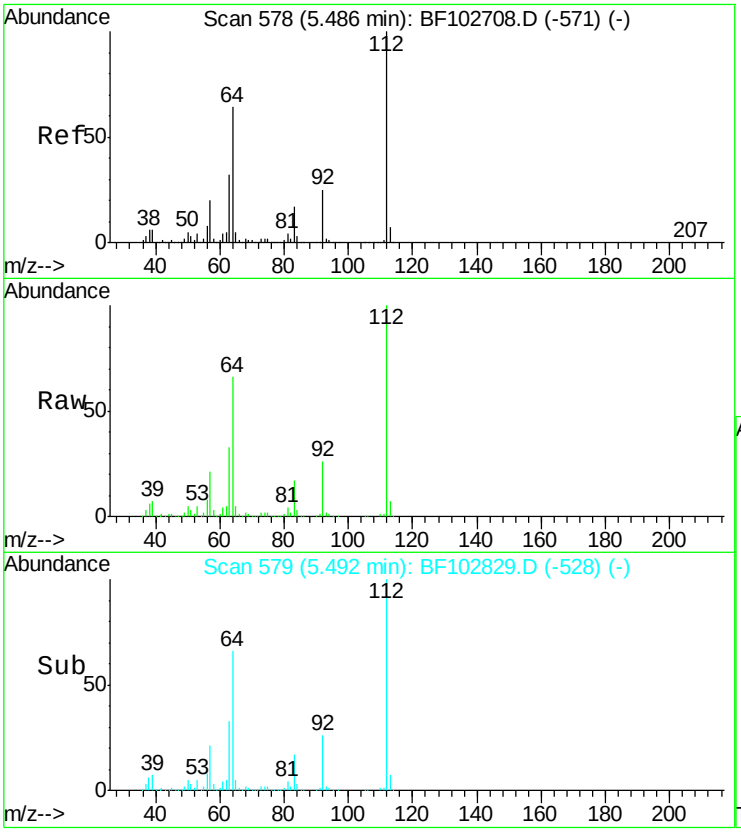


#4
n-Nitrosodimethylamine
Concen: 2.46 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.04 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion: 42 Resp: 17723

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	205.3	6.9	10.3#



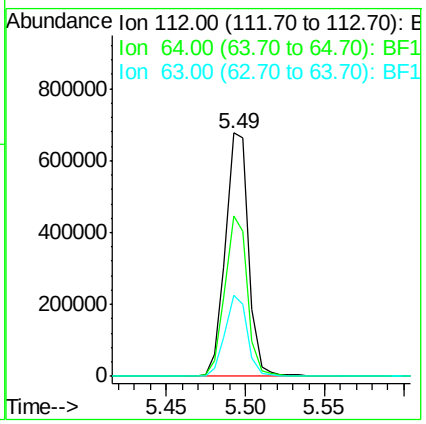


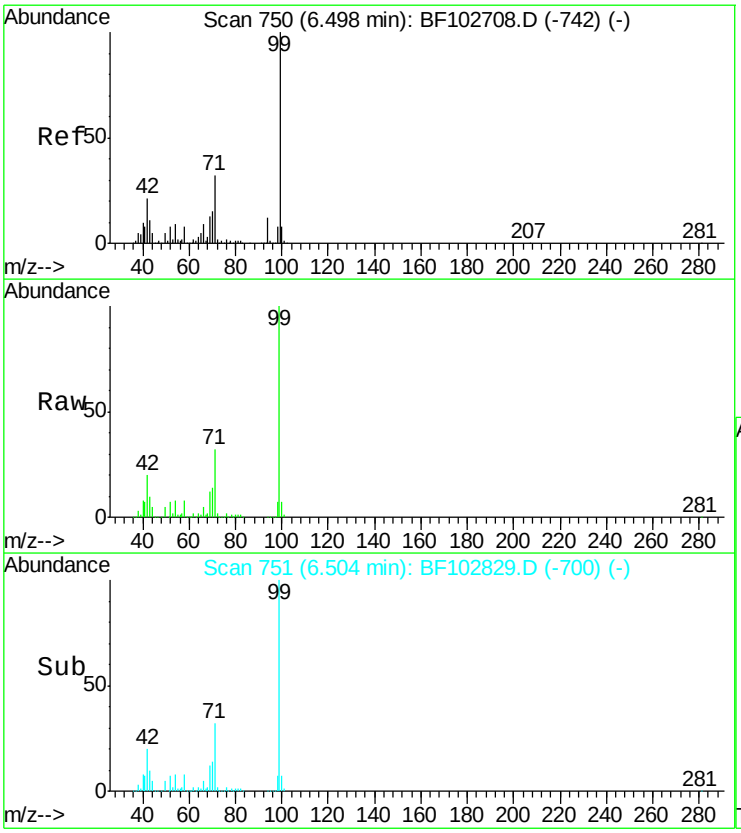
#5
2-Fluorophenol
Concen: 55.82 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 689511

Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	33.4	23.7	35.5

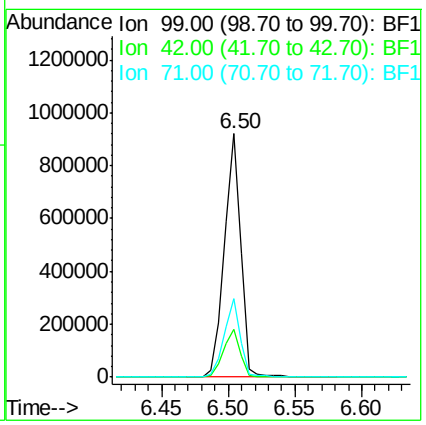


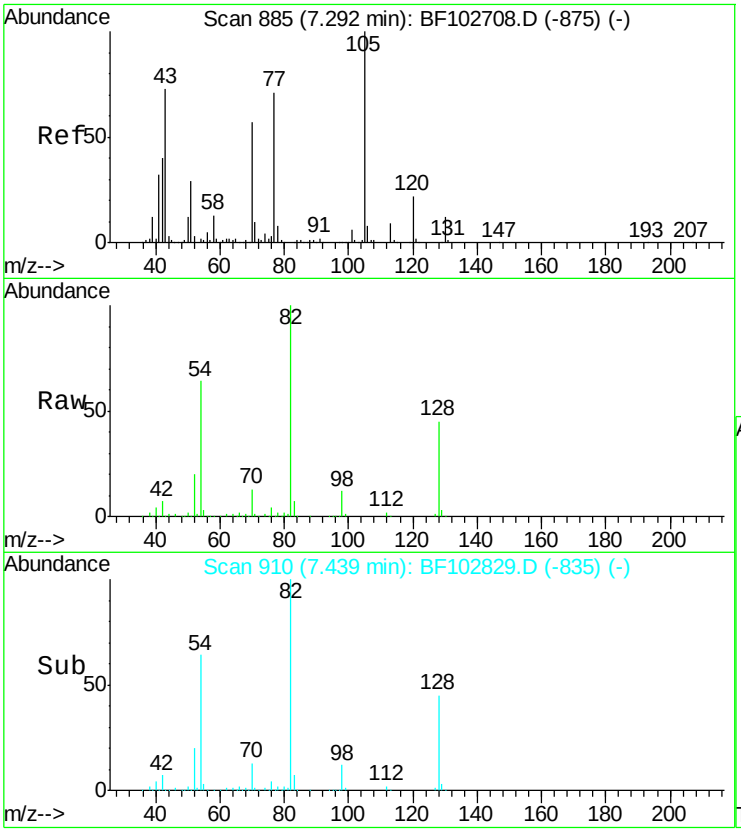


#7
Phenol-d6
Concen: 54.26 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion: 99 Resp: 806993

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	32.2	25.4	38.0



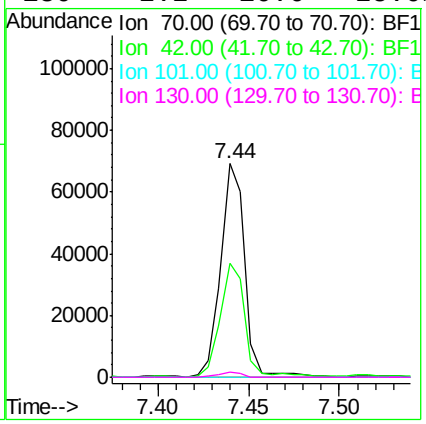


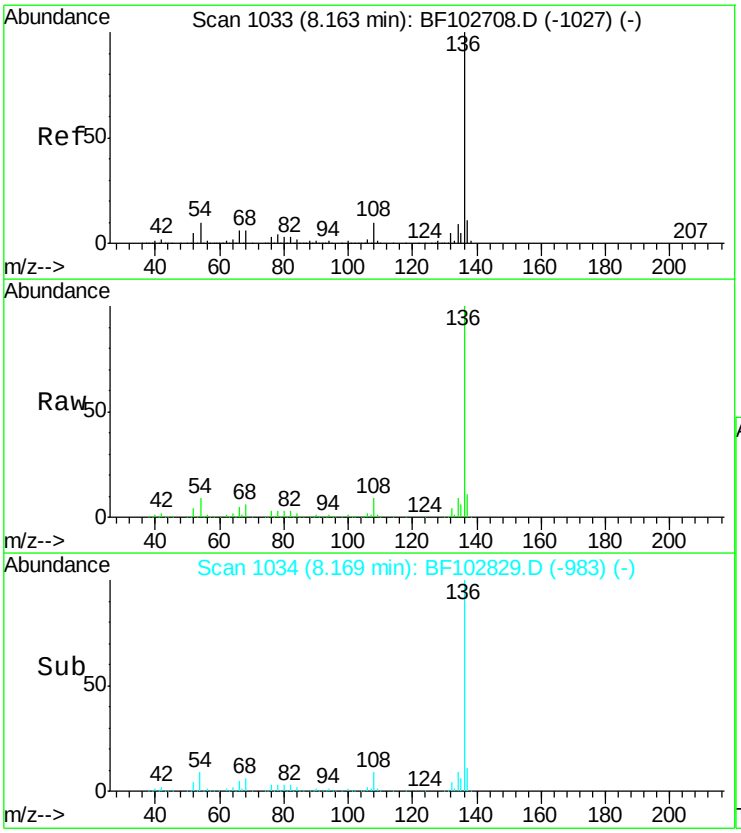
#19
n-Nitroso-di-n-propylamine
Concen: 6.56 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 64282

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

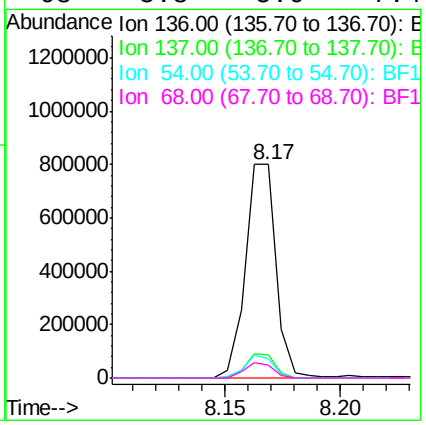


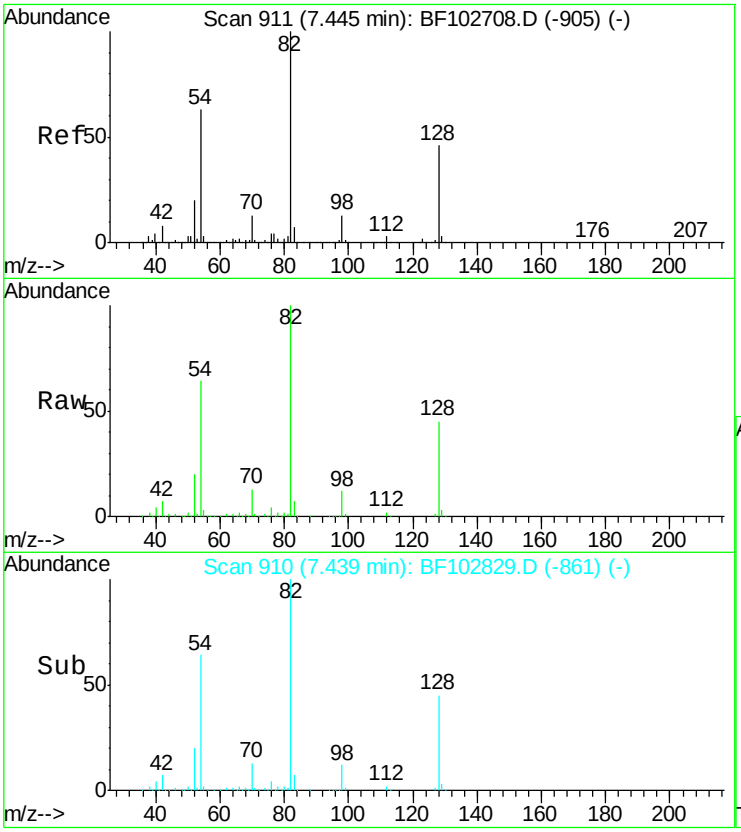


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion:136 Resp: 745118

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	5.8	5.0	7.4



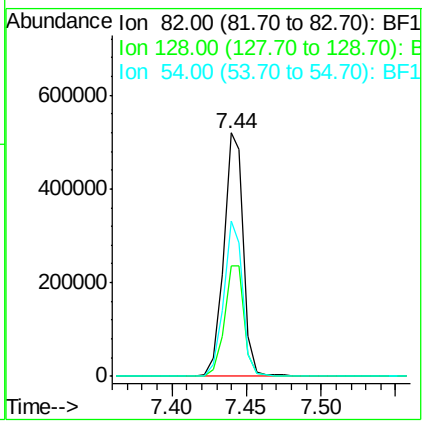


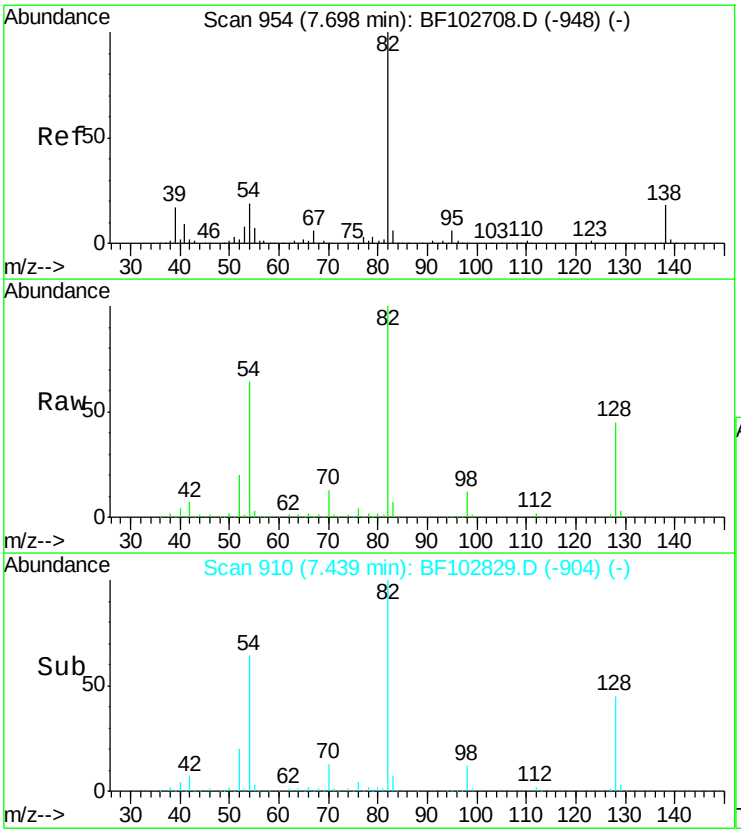
#23
Nitrobenzene-d5
Concen: 45.16 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 485113

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	63.6	41.4	62.2#

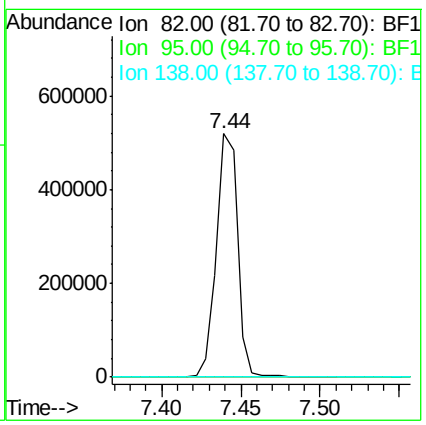


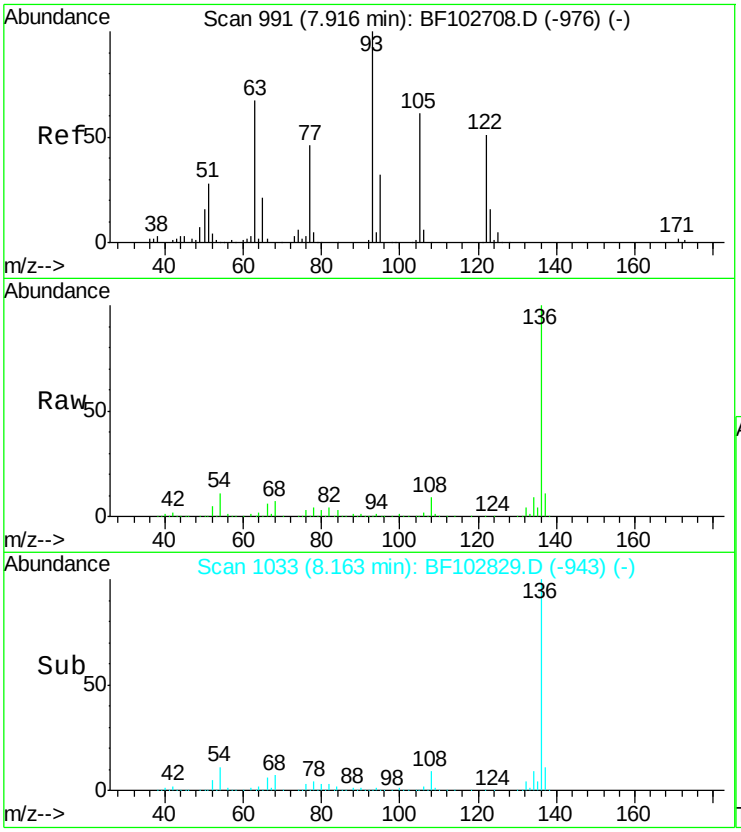


#25
Isophorone
Concen: 19.62 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion: 82 Resp: 485188

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



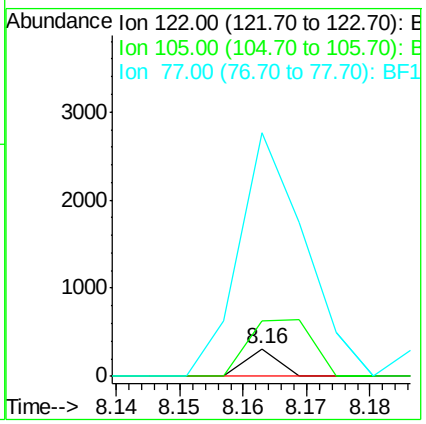


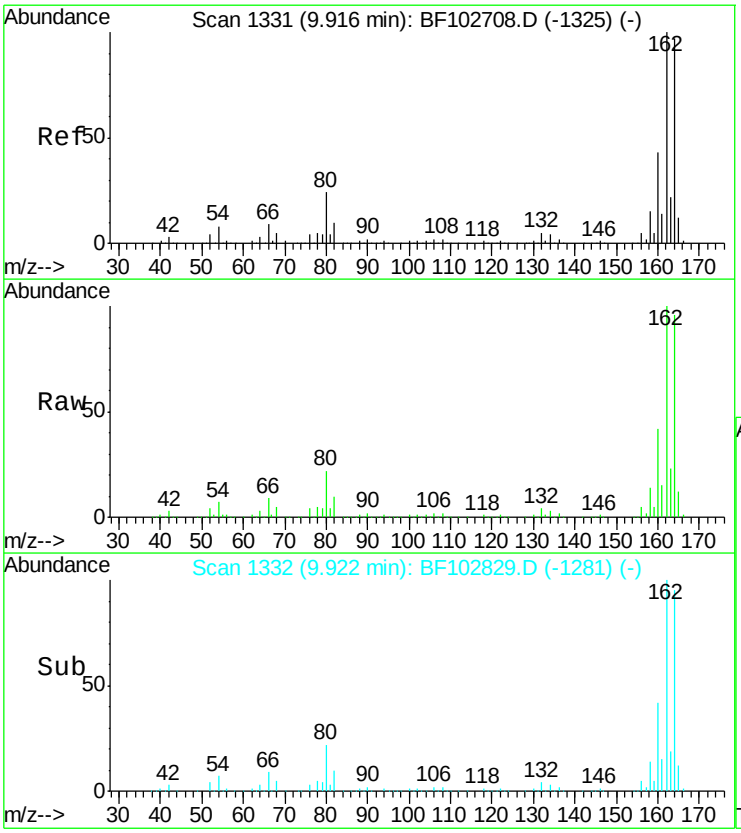
#32
Benzoic acid
Concen: 8.56 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.23 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	202.2	101.1	141.1#
77	885.6	70.7	110.7#

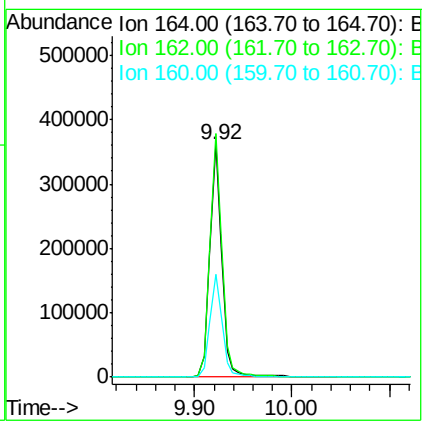


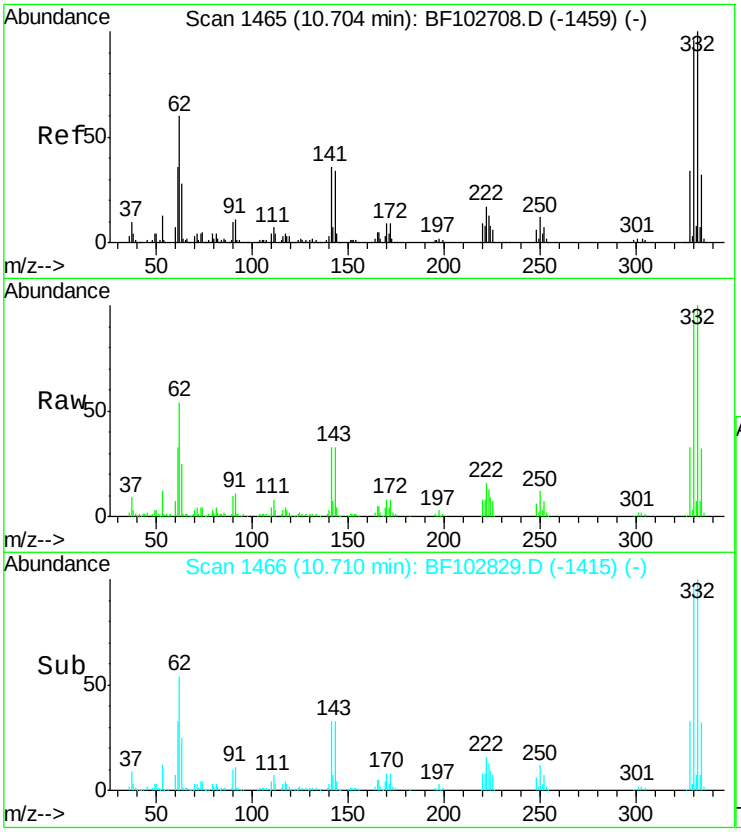


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion:164 Resp: 312284

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	44.2	38.3	57.5



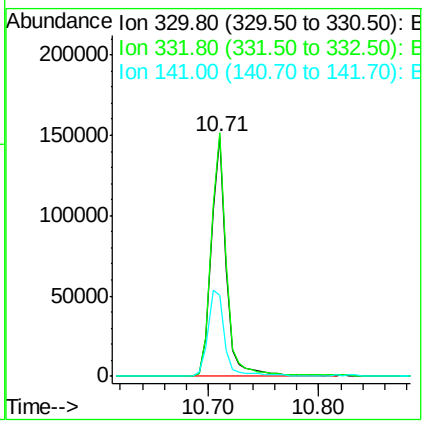


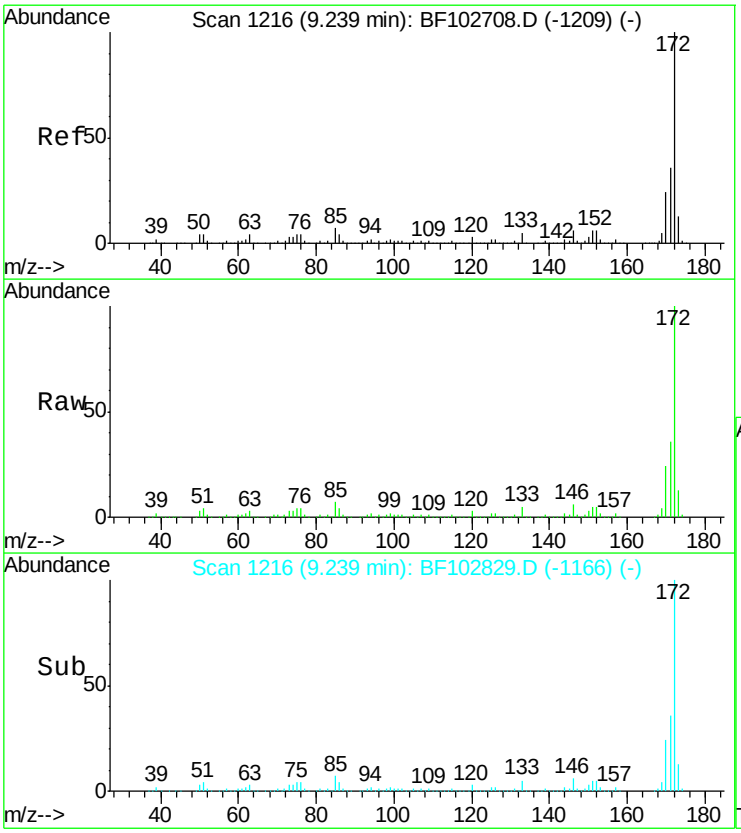
#41
2,4,6-Tribromophenol
Concen: 55.55 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 139628

Ion	Ratio	Lower	Upper
330	100		
332	104.4	77.0	115.6
141	40.2	29.9	44.9

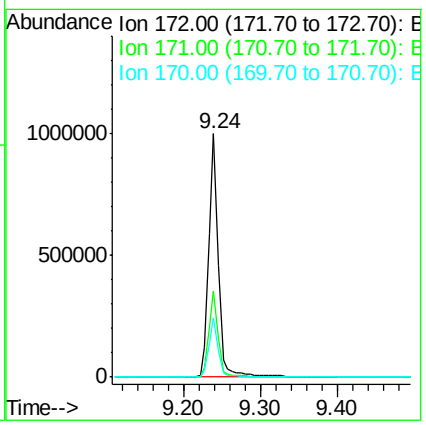


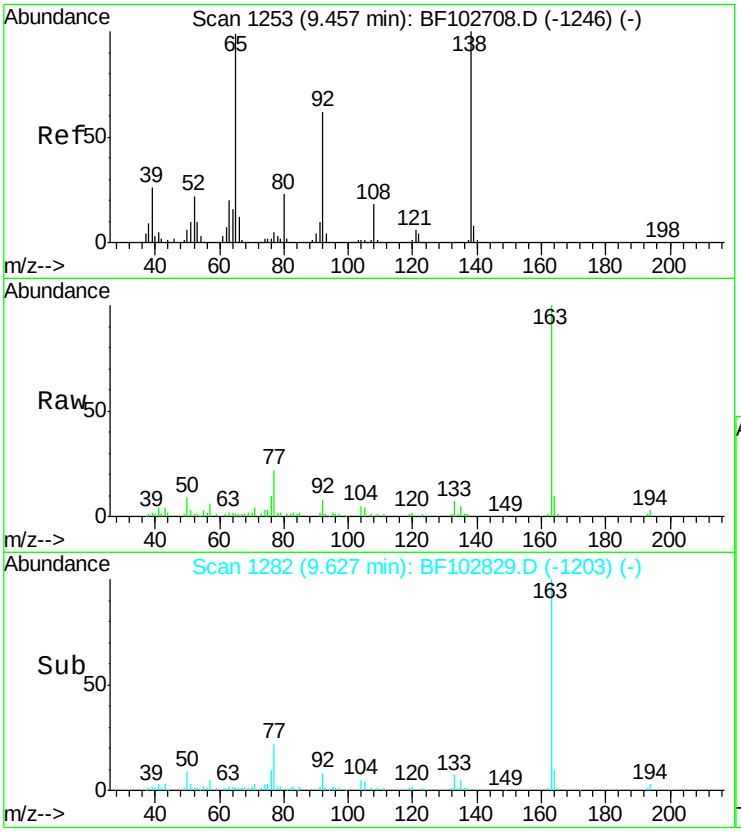


#44
2-Fluorobiphenyl
Concen: 45.91 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion:172 Resp: 863982

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.4	19.6	29.4



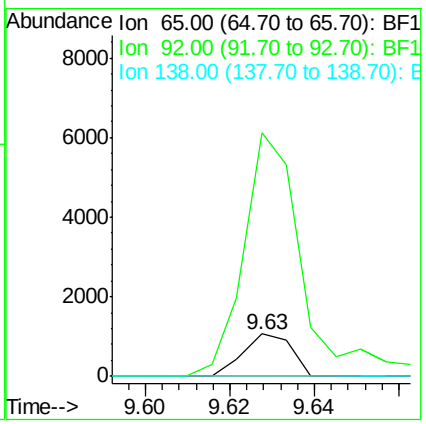


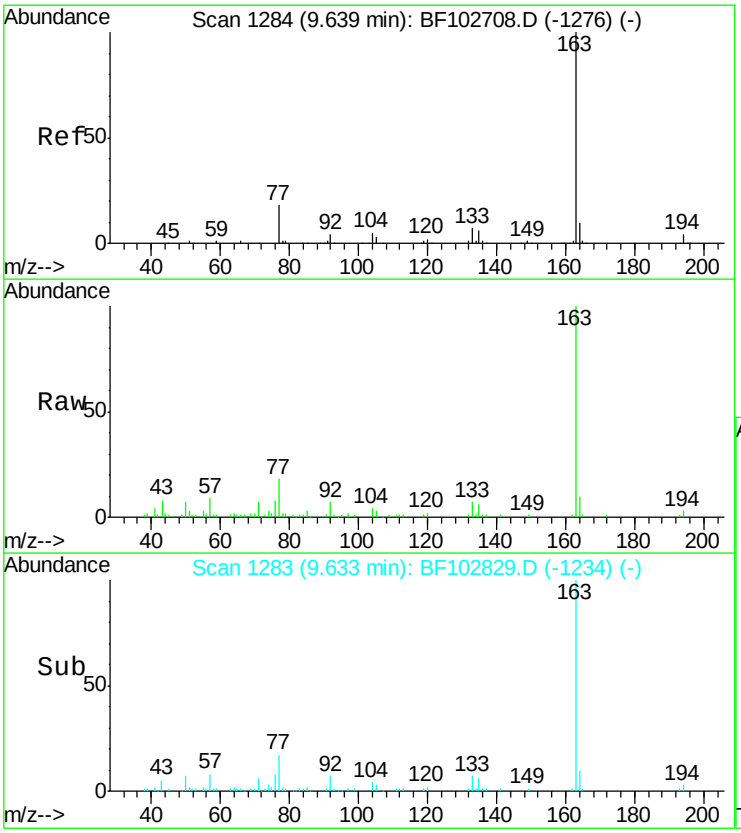
#47
2-Nitroaniline
Concen: 3.59 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 842

Ion	Ratio	Lower	Upper
65	100		
92	573.6	55.8	83.6#
138	0.0	91.2	136.8#

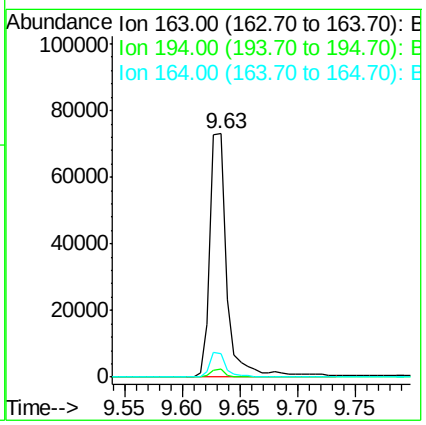


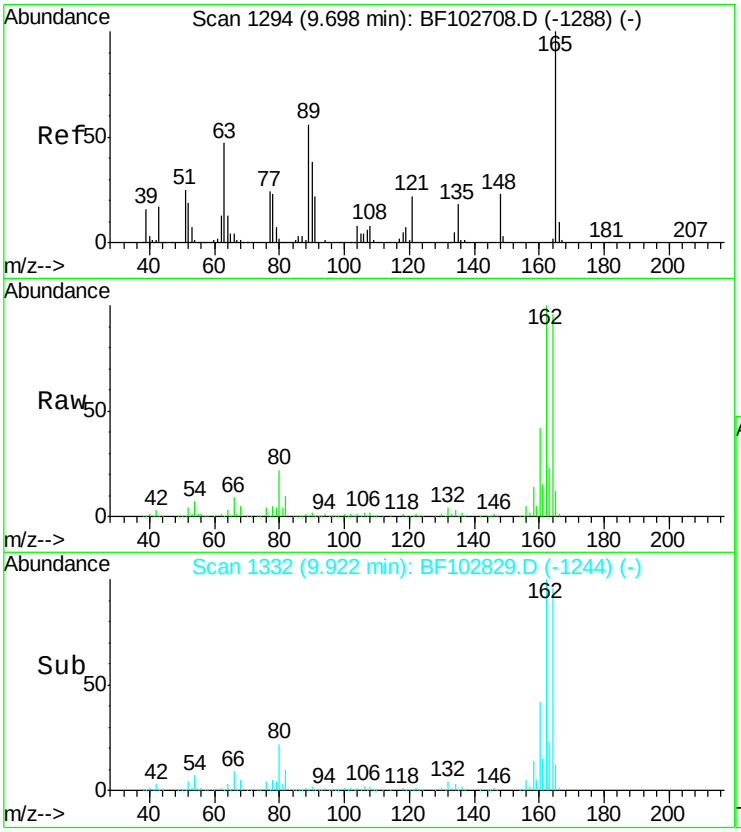


#49
Dimethylphthalate
Concen: 3.11 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion:163 Resp: 75767

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.6	8.2	12.2



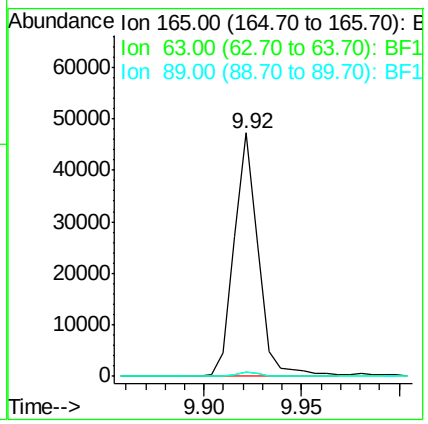


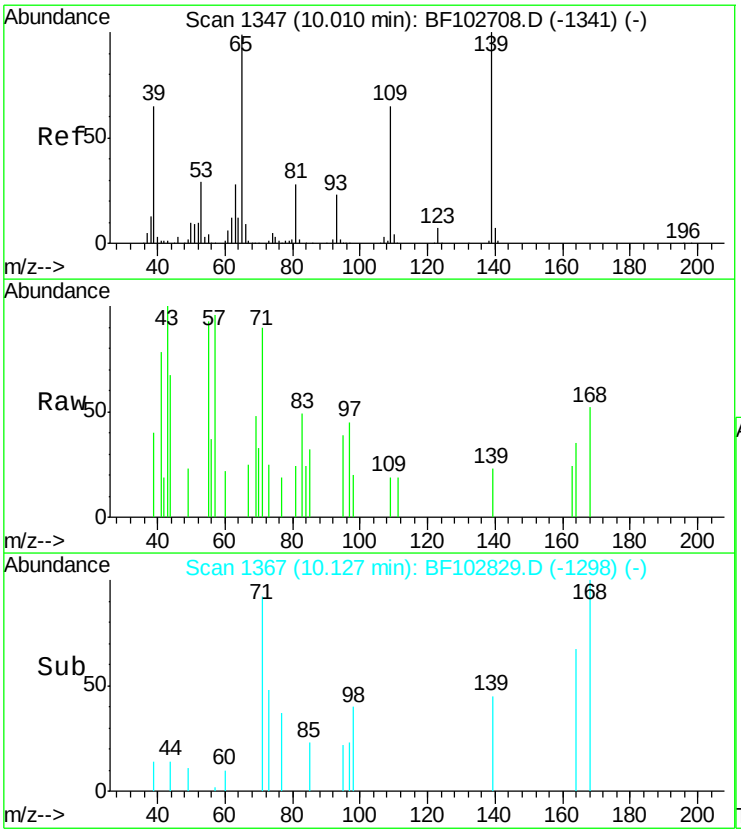
#50
2,6-Dinitrotoluene
Concen: 8.80 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40751

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.6	44.0	66.0#

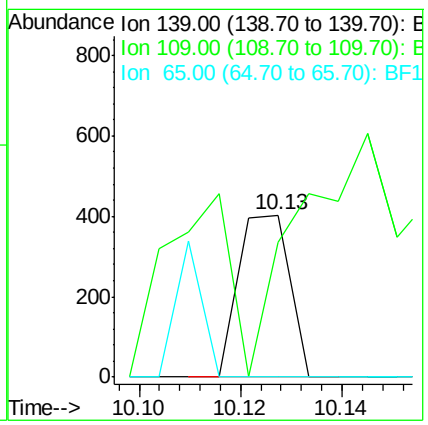


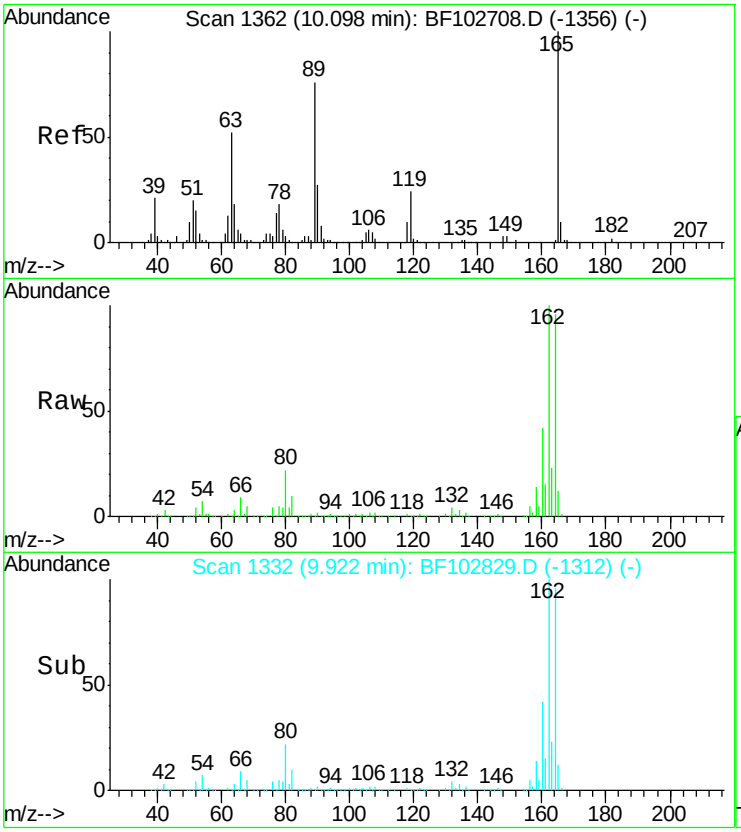


#55
4-Nitrophenol
Concen: 4.08 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion:139 Resp: 282

Ion	Ratio	Lower	Upper
139	100		
109	83.1	48.4	88.4
65	0.0	72.6	112.6#



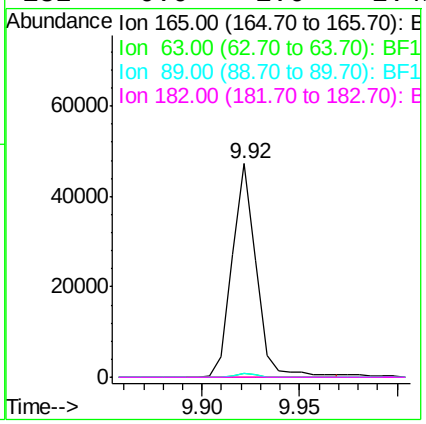


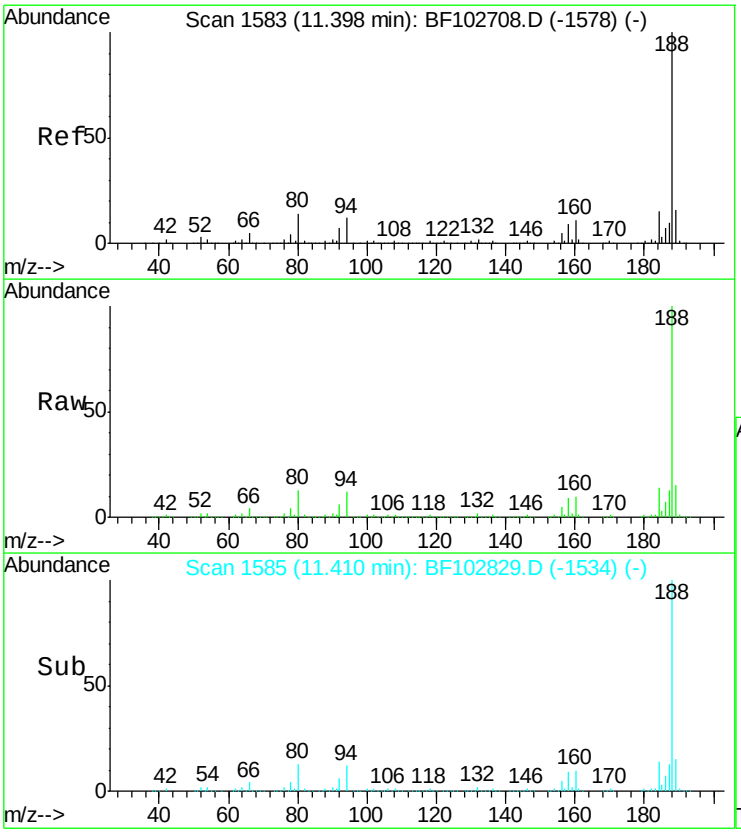
#56
2,4-Dinitrotoluene
Concen: 9.21 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40751

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

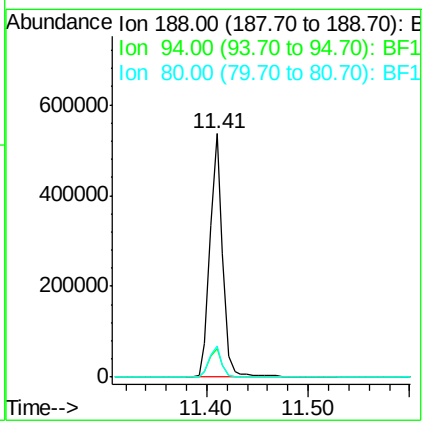


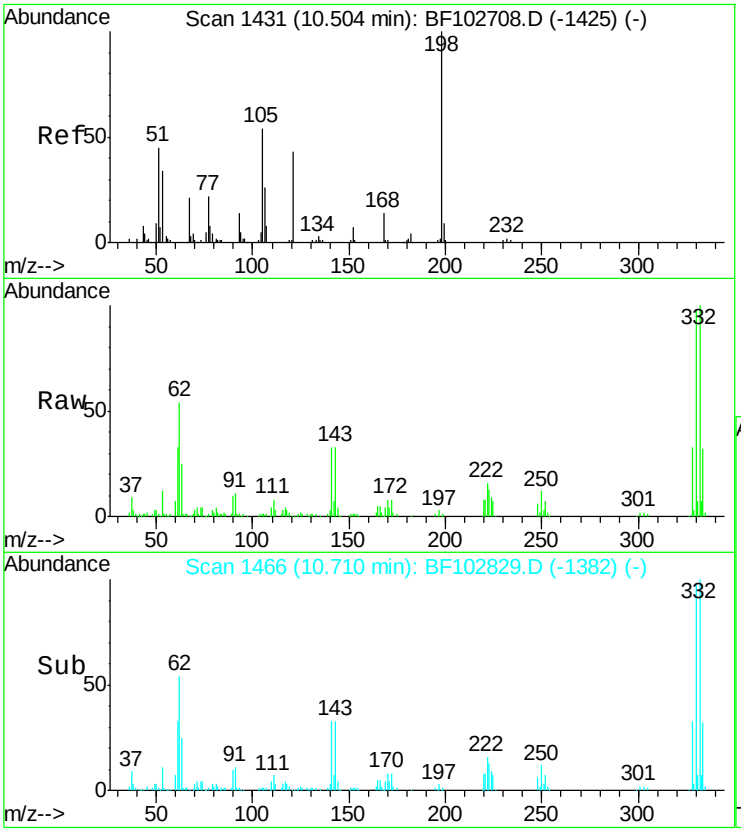


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion:188 Resp: 465293

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.8	9.2	13.8



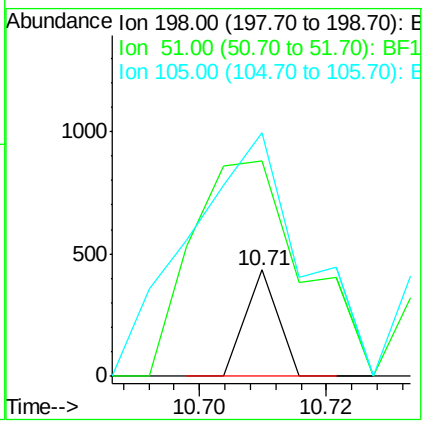


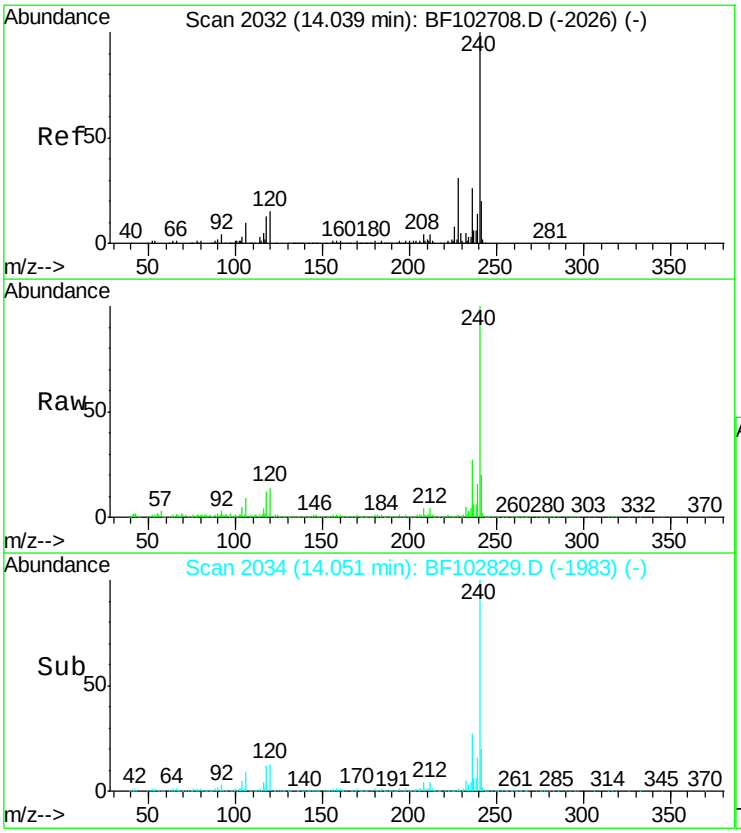
#64
4,6-Dinitro-2-methylphenol
Concen: 8.87 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 153

Ion	Ratio	Lower	Upper
198	100		
51	202.8	37.7	77.7#
105	229.0	36.3	76.3#

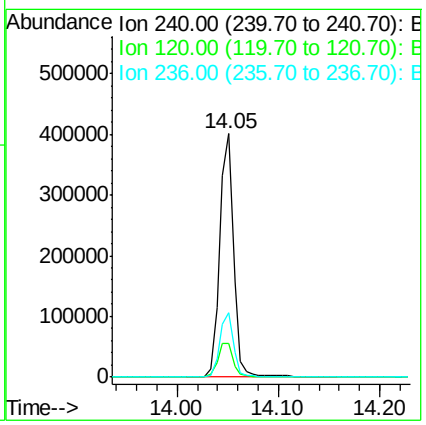


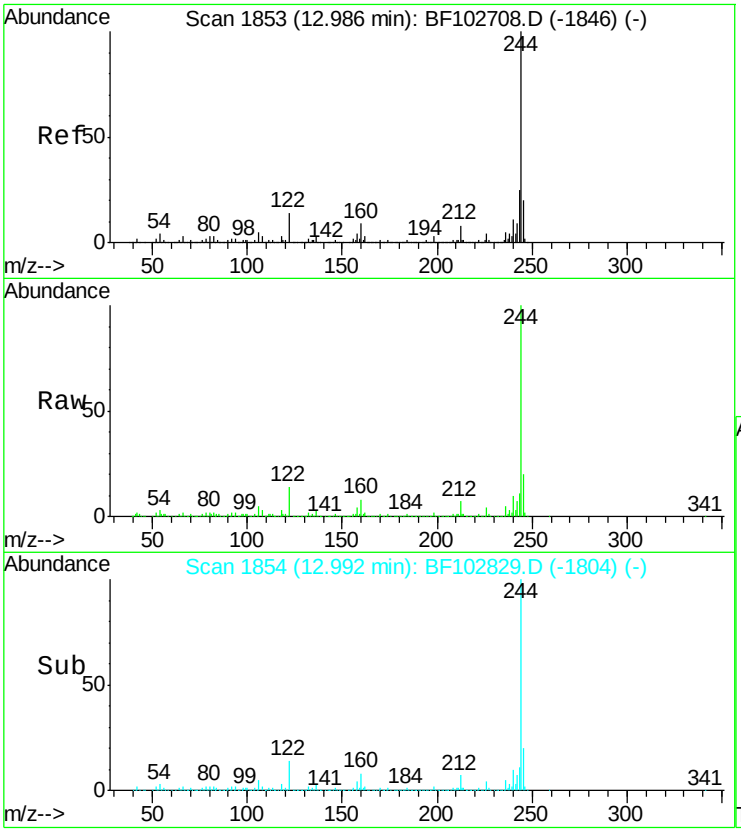


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion:240 Resp: 377265

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.7	20.7	31.1



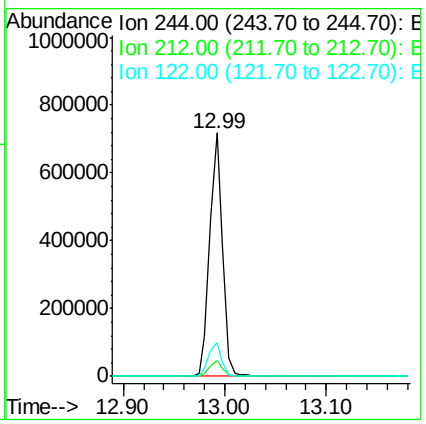


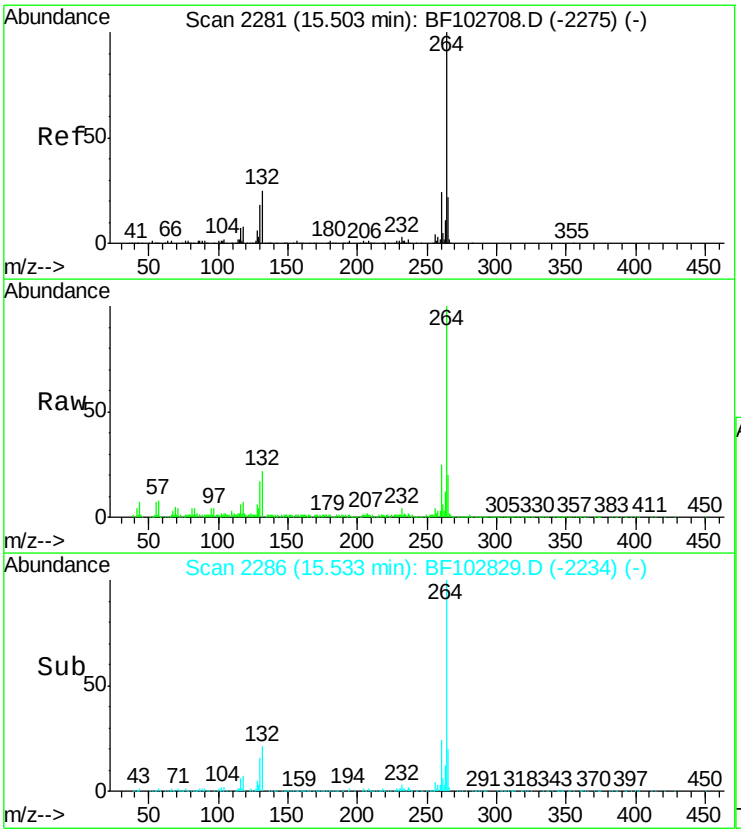
#78
Terphenyl-d14
Concen: 39.88 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 635354

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.9	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF102829.D
Acq: 7 Feb 2018 22:08

Tgt Ion:264 Resp: 304686

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	20.3	17.5	26.3