Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102827.D
Acq On : 7 Feb 2018 21:14
Operator : SJ/JU
Sample : J1473-21 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 08 02:20:35 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	190000	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	749143	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	323457	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	492235	20.00	ng		0.00
75) Chrysene-d12	14.04	240	365027	20.00	ng		0.00
86) Perylene-d12	15.53	264	311048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	658786	52.66	ng		0.00
7) Phenol-d6	6.50	99	776336	51.54	ng		0.00
23) Nitrobenzene-d5	7.44	82	474179	43.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	147056	56.49	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	833432	42.76	ng		0.00
78) Terphenyl-d14	12.99	244	593704	38.51	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	60780	6.12	ng	#	85
25) Isophorone	7.44	82	474167	19.07	ng	#	64
47) 2-Nitroaniline	9.63	65	530	3.55	ng	#	1
49) Dimethylphthalate	9.63	163	57769	2.29	ng		100
50) 2,6-Dinitrotoluene	9.92	165	41088	8.56	ng	#	26
55) 4-Nitrophenol	10.13	139	110	4.05	ng	#	21
56) 2,4-Dinitrotoluene	9.92	165	41226	9.07	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	294	8.92	ng	#	1
77) Pyrene	12.85	202	63356	2.21	ng		99
87) Benzo(b)fluoranthene	15.09	252	51408	2.55	ng	#	76
88) Benzo(k)fluoranthene	15.09	252	51408	2.67	ng	#	79

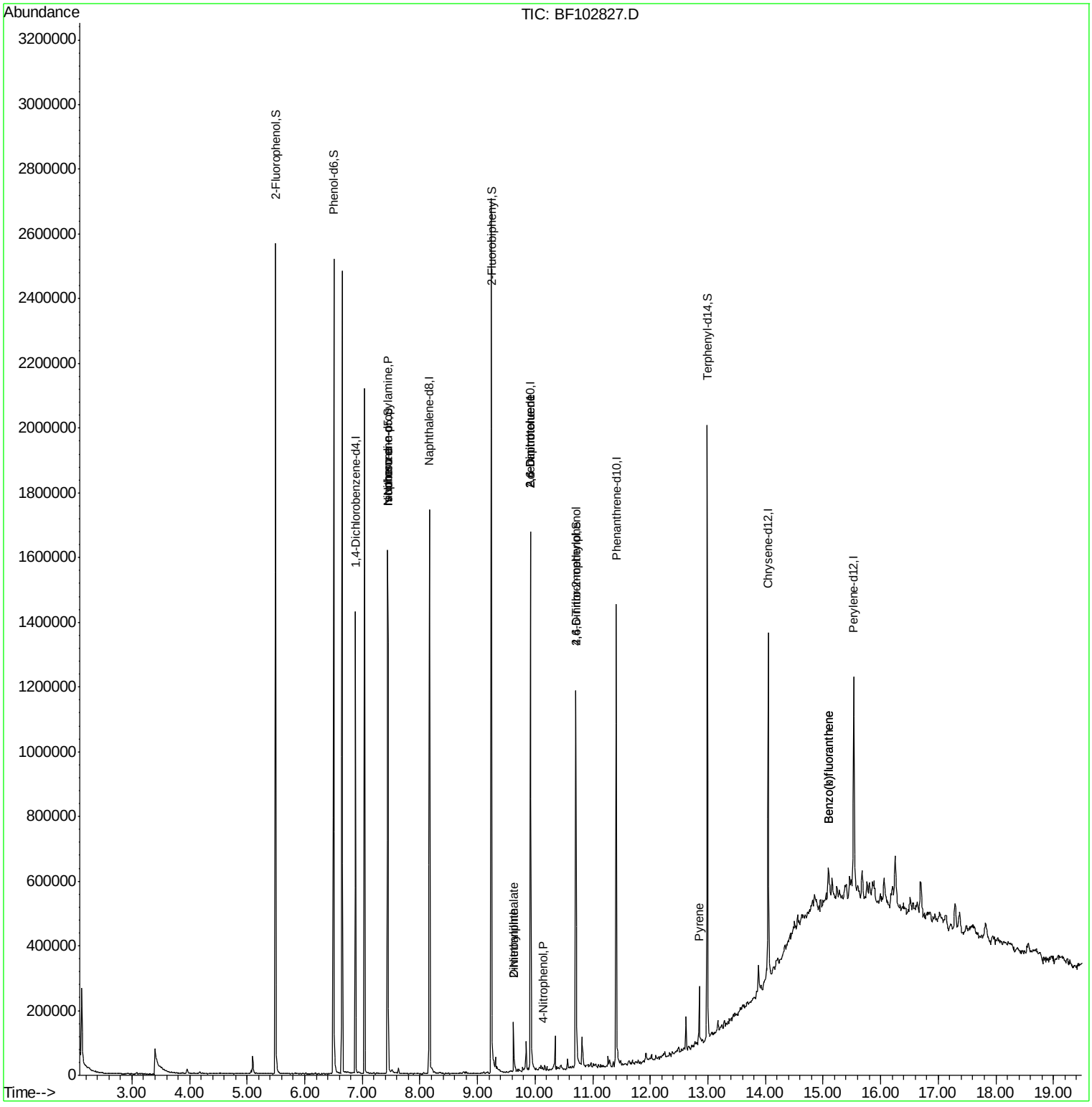
(#) = qualifier out of range (m) = manual integration (+) = signals summed

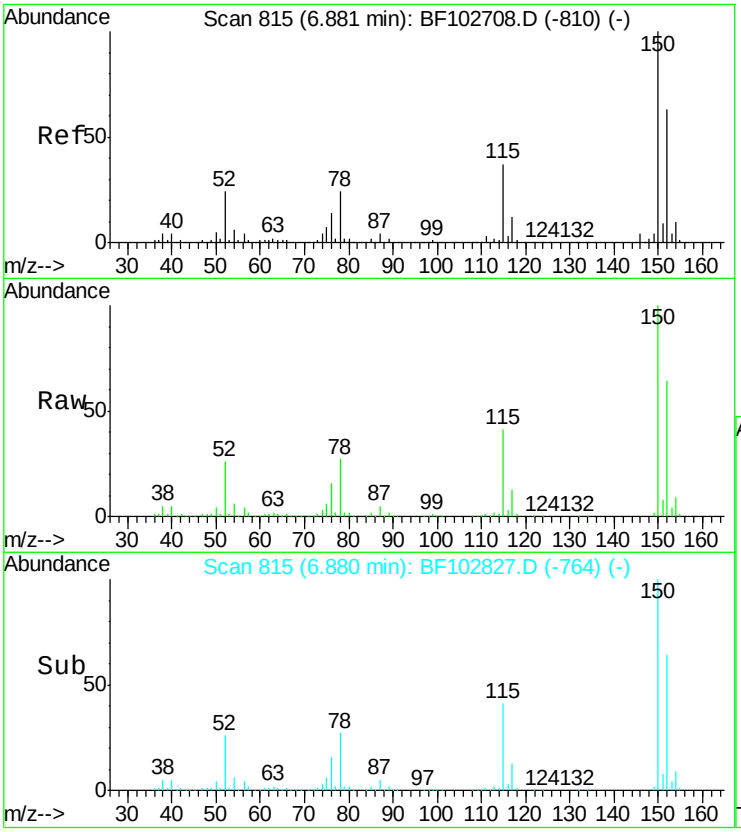
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102827.D
Acq On : 7 Feb 2018 21:14
Operator : SJ/JU
Sample : J1473-21 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 08 02:20:35 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



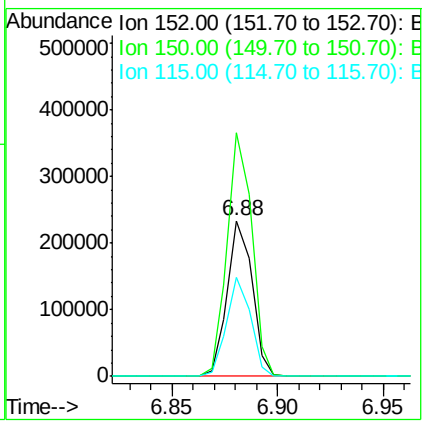


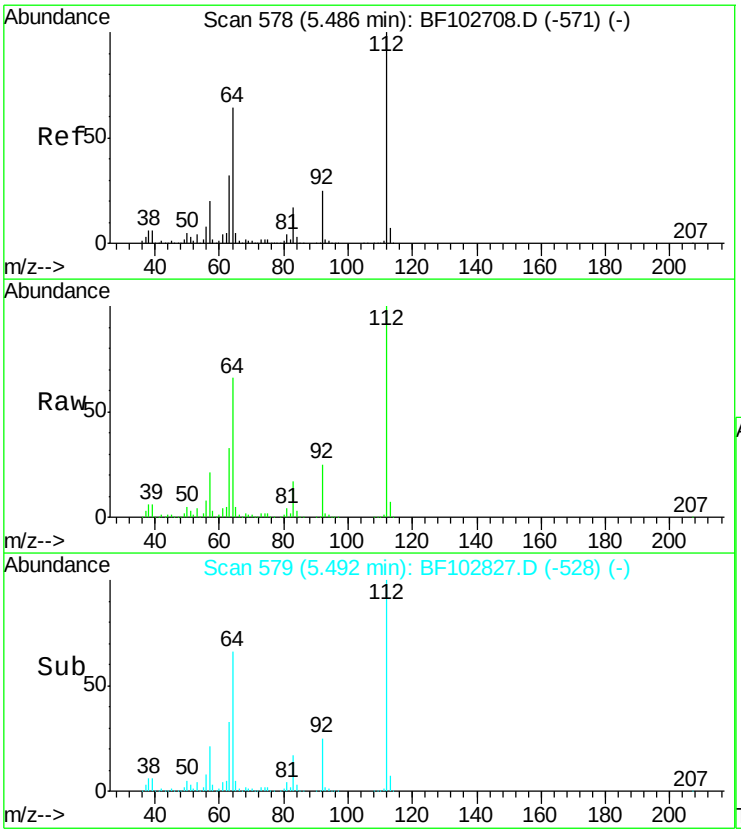
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 190000

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	63.3	50.1	75.1

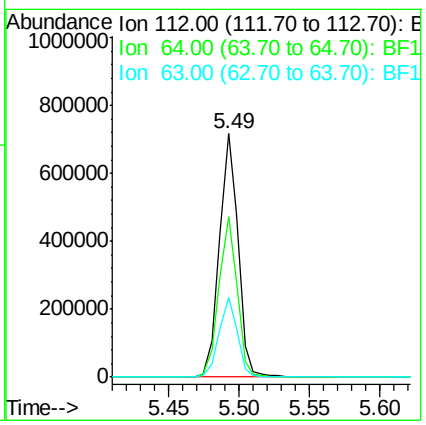


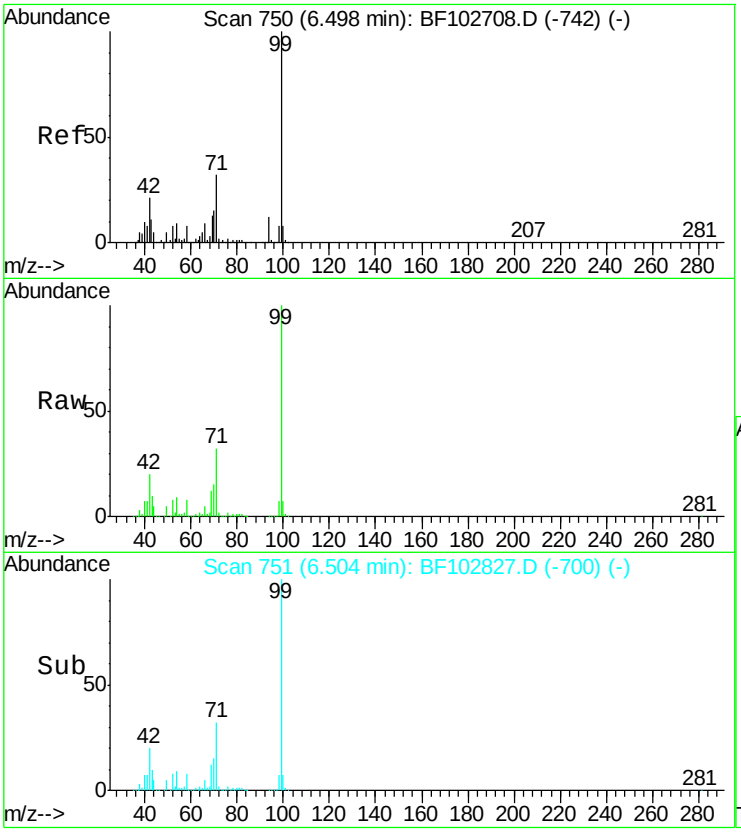


#5
2-Fluorophenol
Concen: 52.66 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:112 Resp: 658786

Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	33.0	23.7	35.5



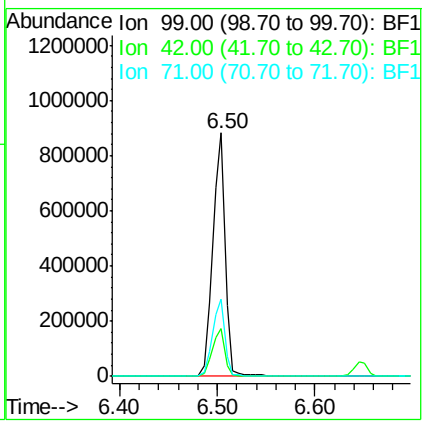


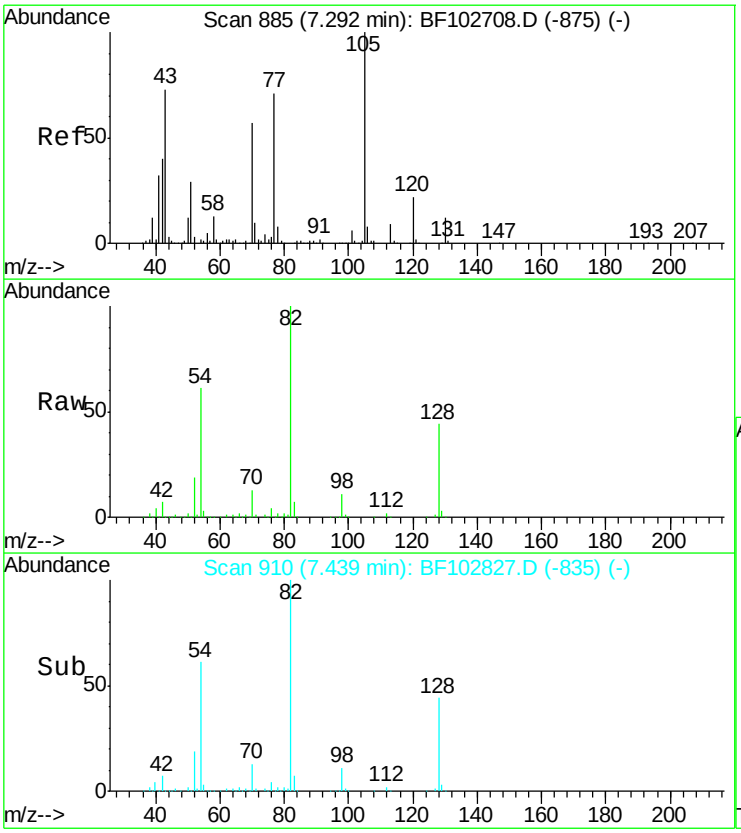
#7
Phenol-d6
Concen: 51.54 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 776336

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.8	25.4	38.0

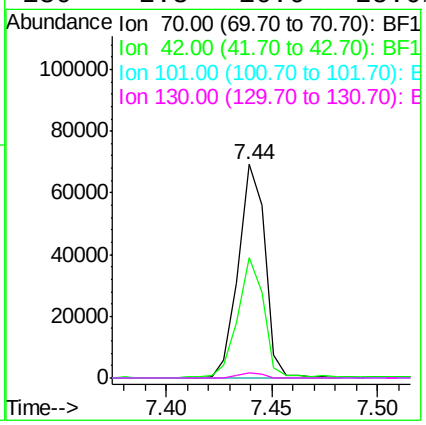


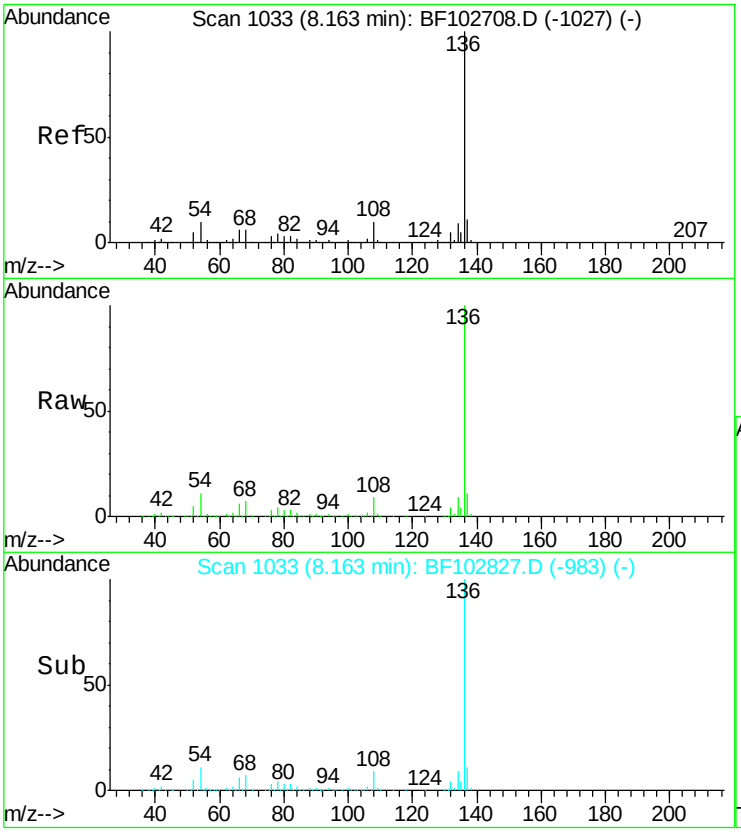


#19
n-Nitroso-di-n-propylamine
Concen: 6.12 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion: 70 Resp: 60780

Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



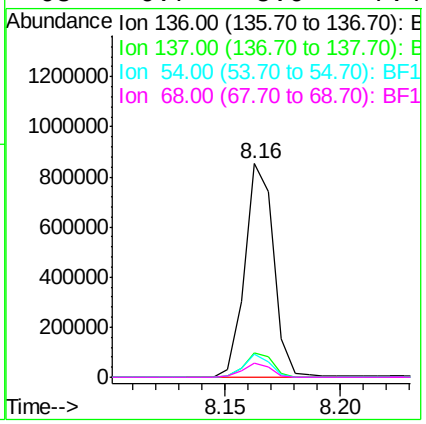


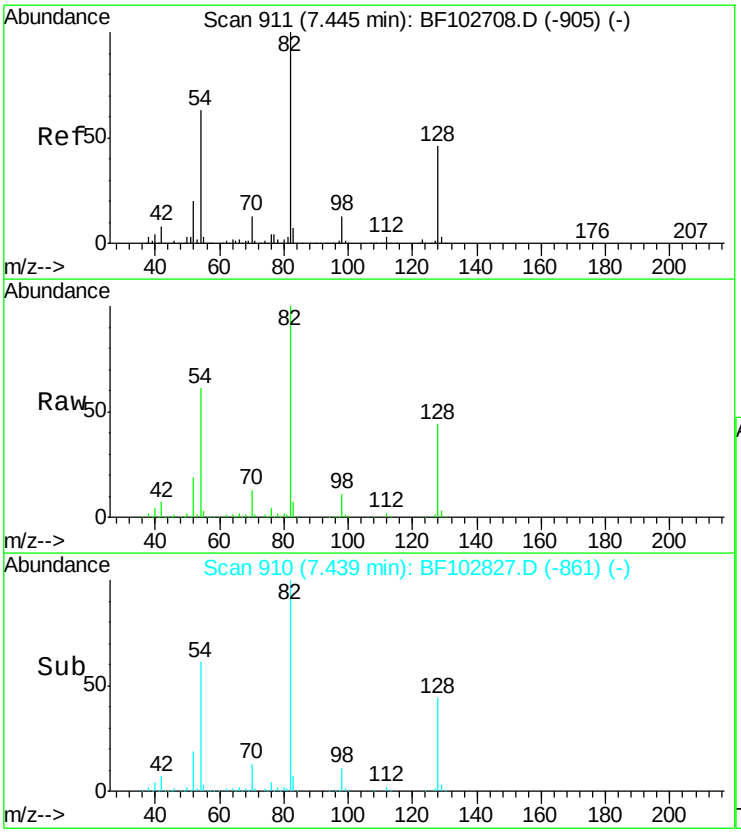
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 749143

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.5	6.6	9.8#
68	6.7	5.0	7.4

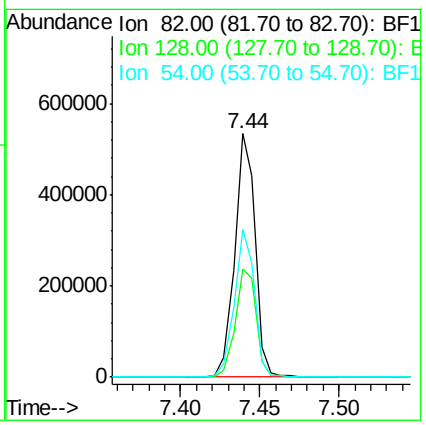


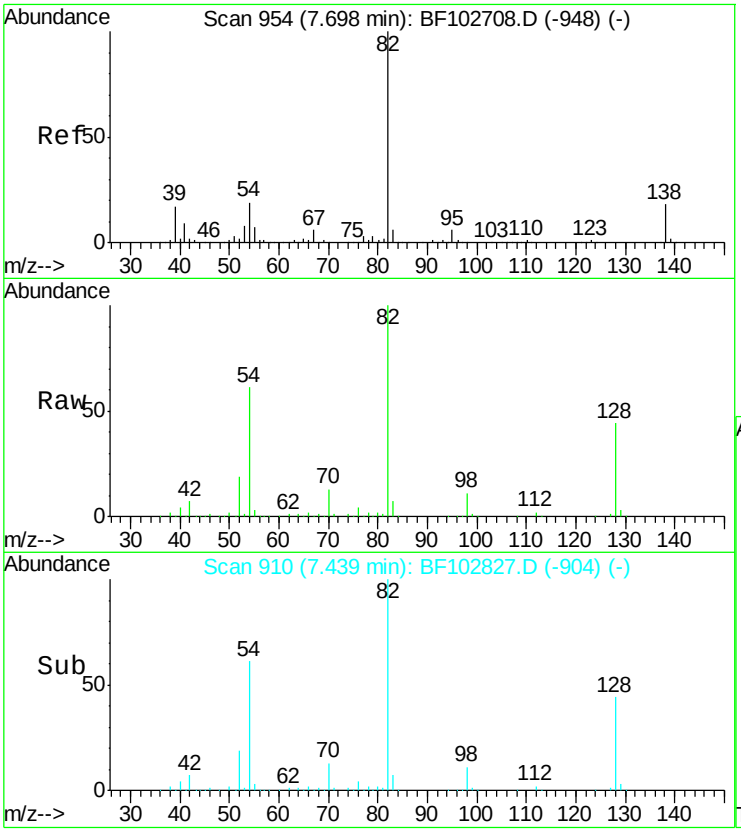


#23
Nitrobenzene-d5
Concen: 43.91 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion: 82 Resp: 474179

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	60.7	41.4	62.2

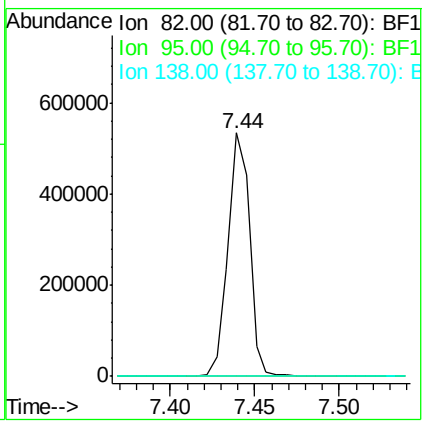




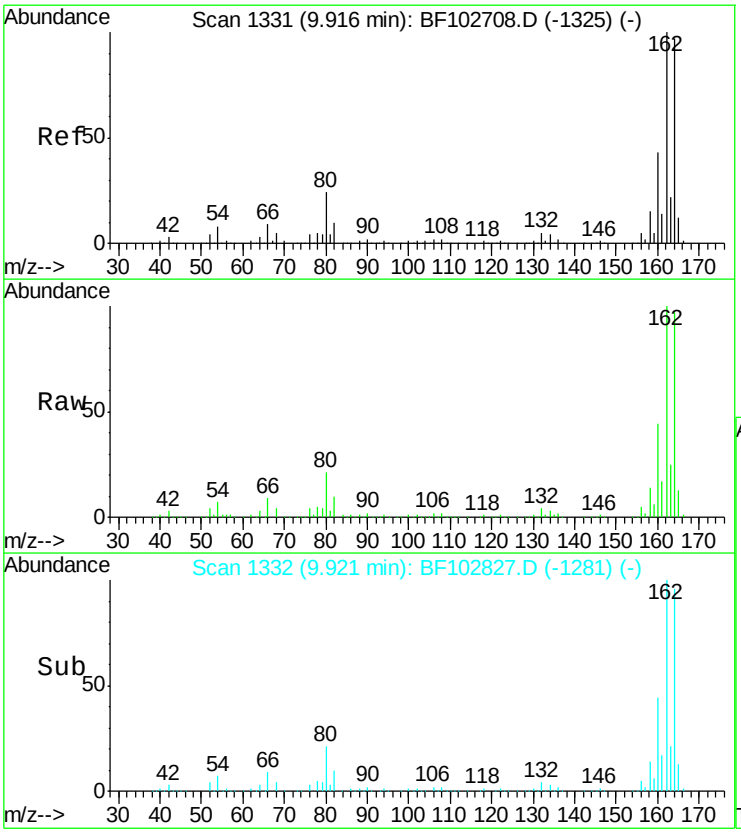
#25
Isophorone
Concen: 19.07 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion: 82 Resp: 474167

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



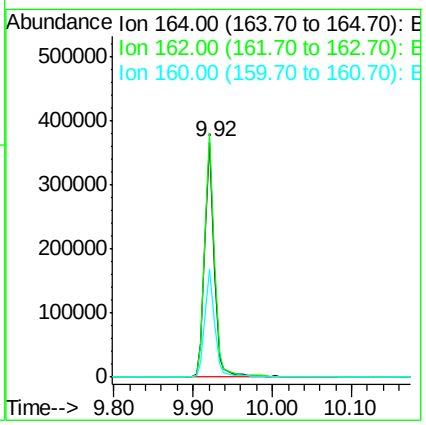
Instrument :
BNA_F
ClientSampleId :

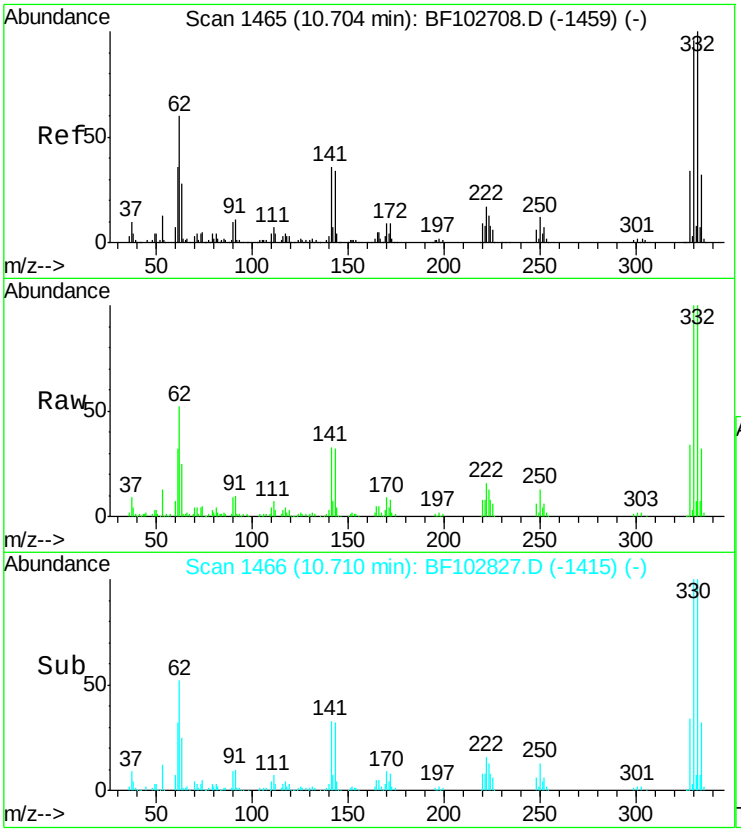


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:164 Resp: 323457

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.7	38.3	57.5



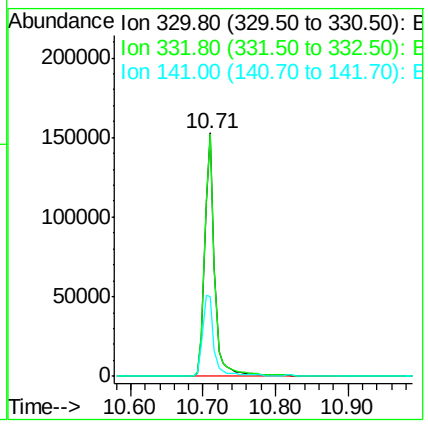


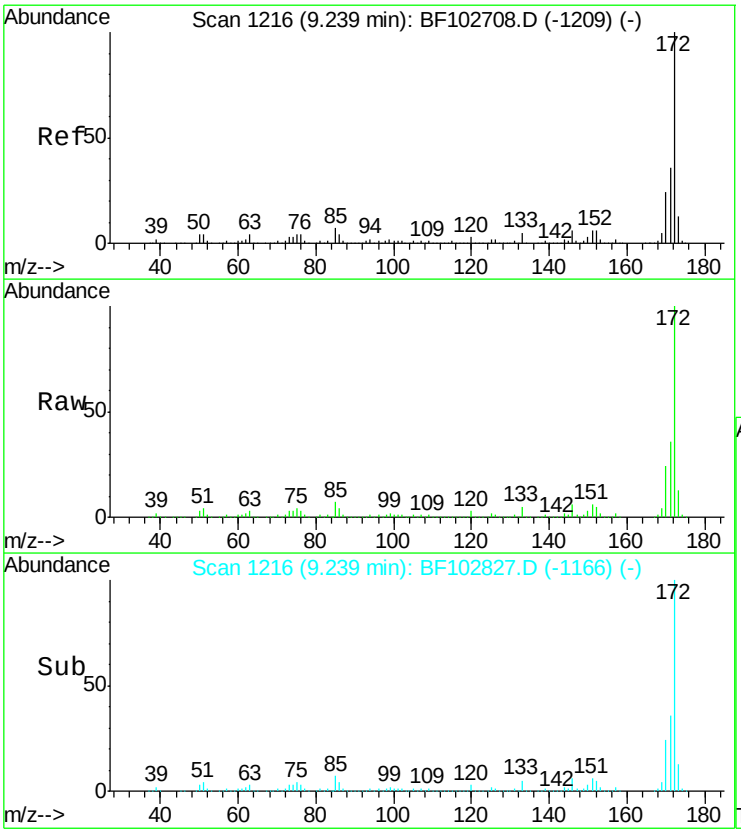
#41
2,4,6-Tribromophenol
Concen: 56.49 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 147056

Ion	Ratio	Lower	Upper
330	100		
332	100.6	77.0	115.6
141	38.3	29.9	44.9

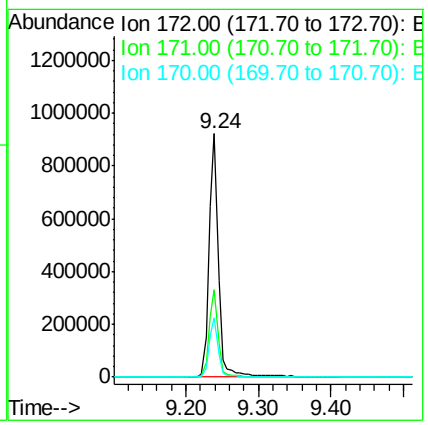


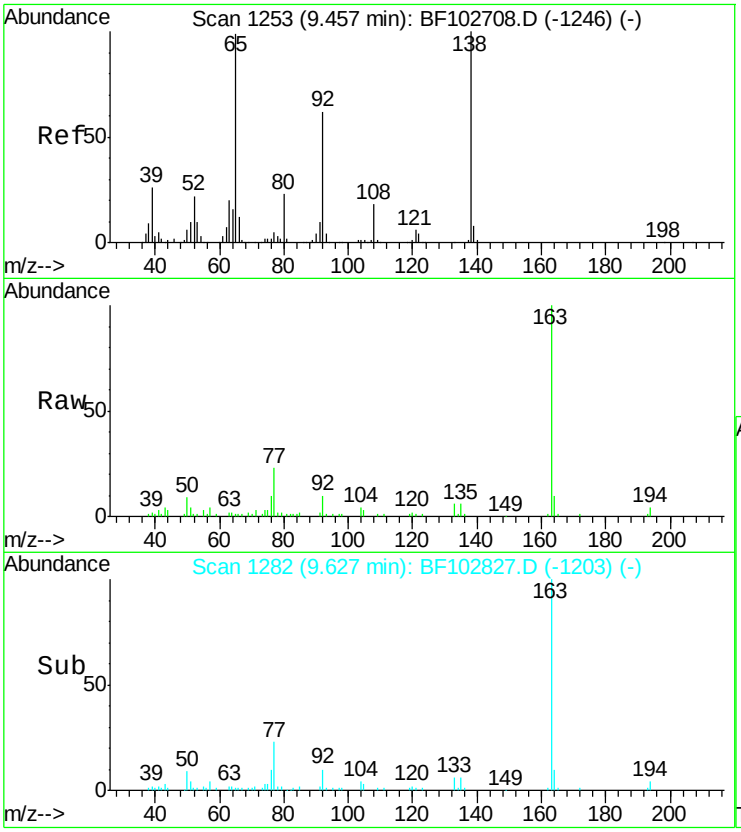


#44
2-Fluorobiphenyl
Concen: 42.76 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:172 Resp: 833432

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4



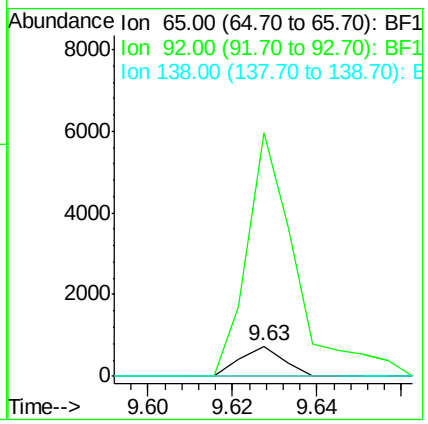


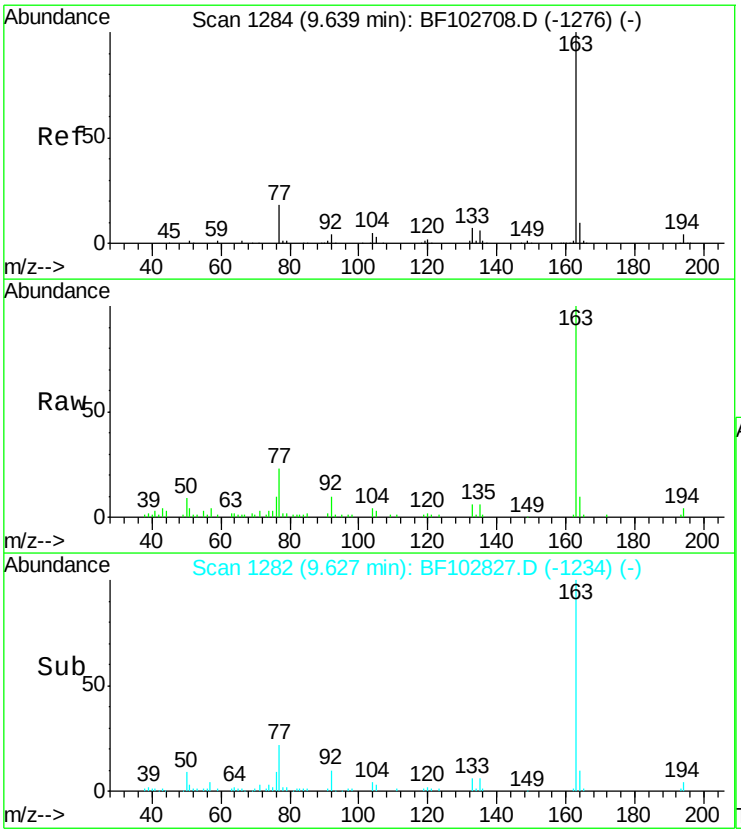
#47
2-Nitroaniline
Concen: 3.55 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 530

Ion	Ratio	Lower	Upper
65	100		
92	811.9	55.8	83.6#
138	0.0	91.2	136.8#

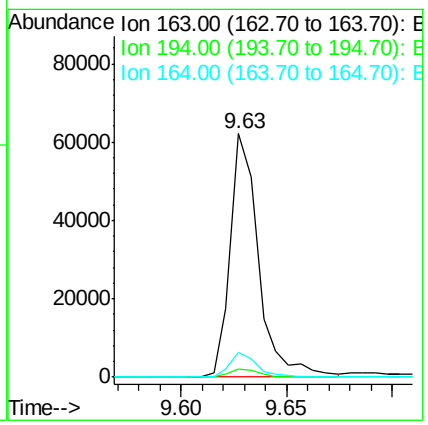


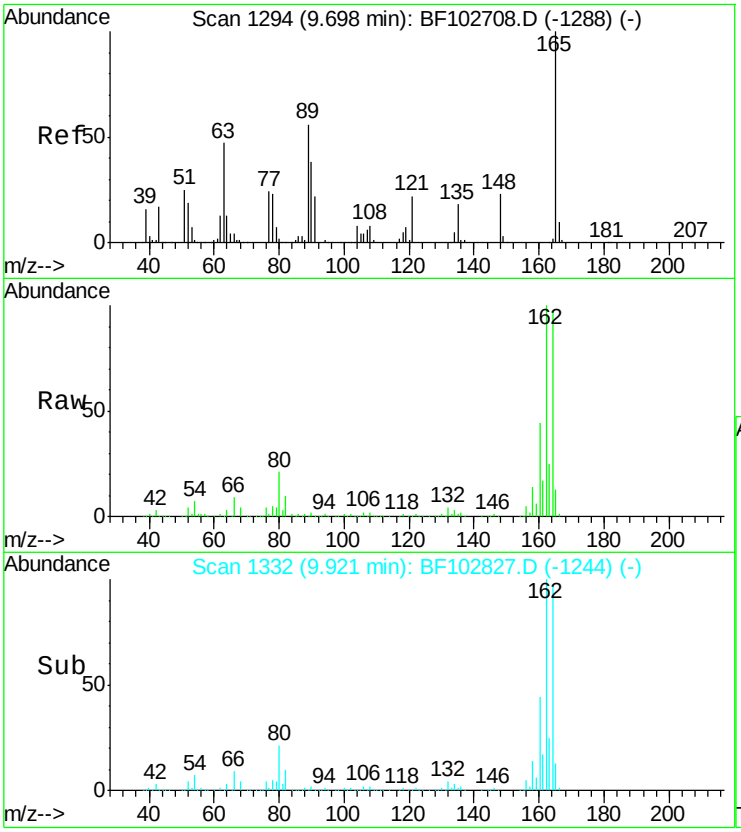


#49
Dimethylphthalate
Concen: 2.29 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:163 Resp: 57769

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2



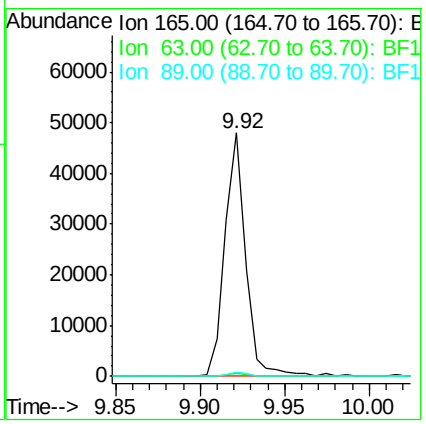


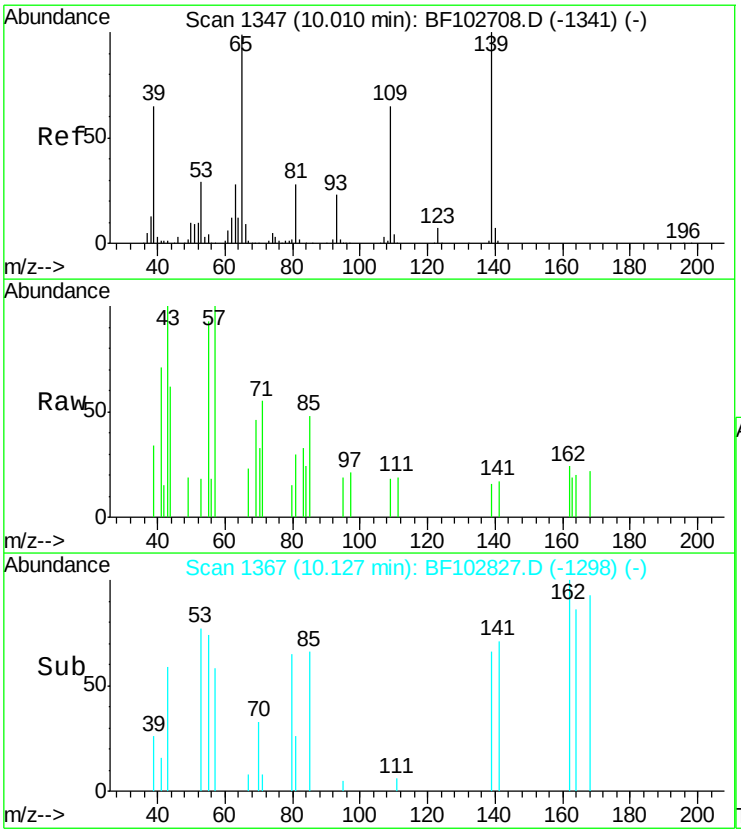
#50
2,6-Dinitrotoluene
Concen: 8.56 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41088

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#

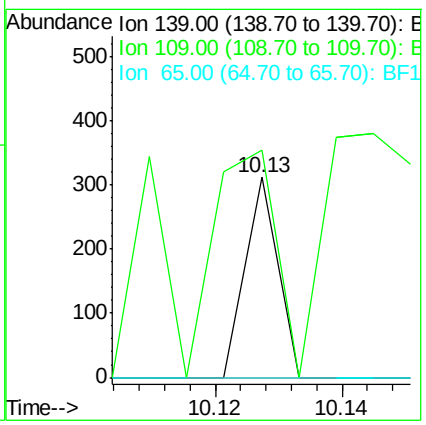


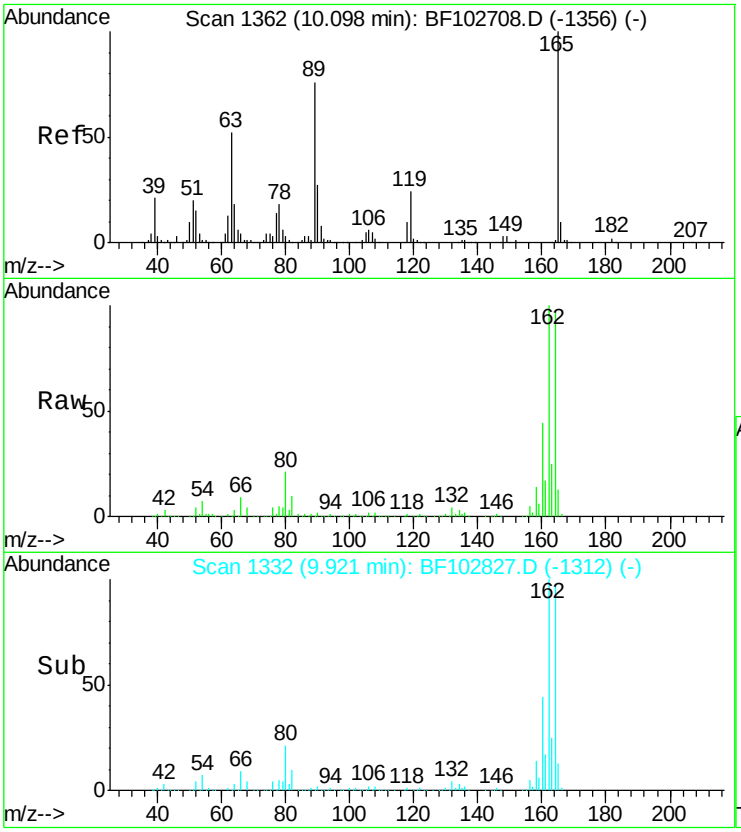


#55
4-Nitrophenol
Concen: 4.05 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:139 Resp: 110

Ion	Ratio	Lower	Upper
139	100		
109	113.8	48.4	88.4#
65	0.0	72.6	112.6#



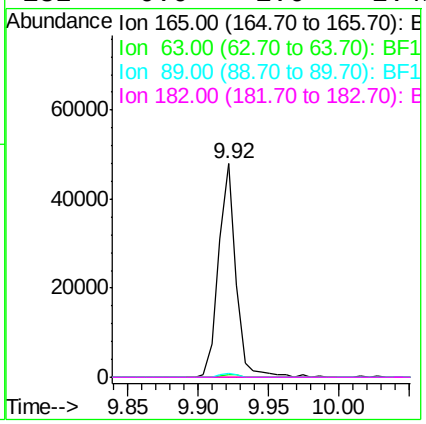


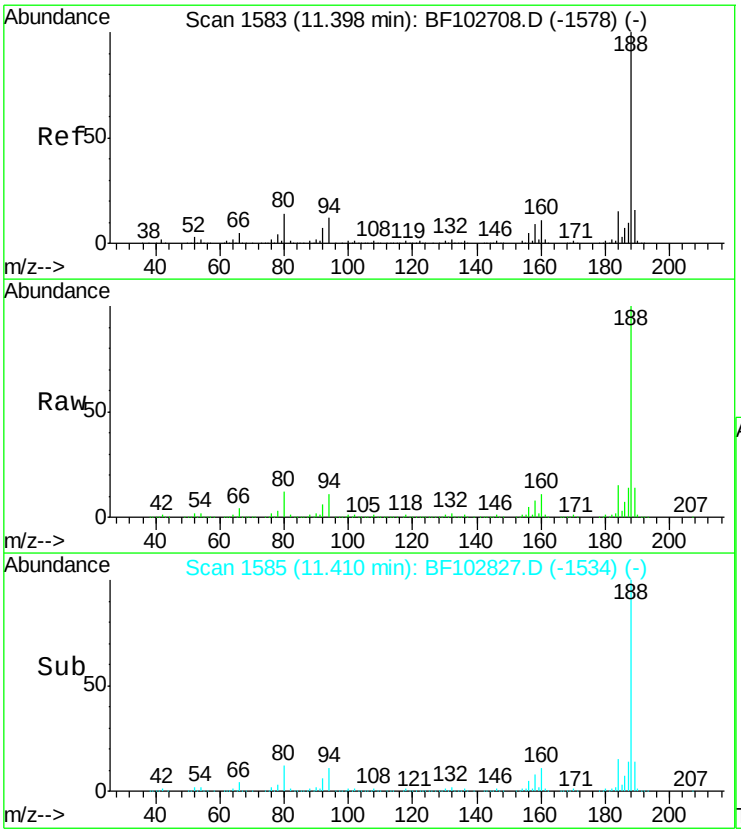
#56
2,4-Dinitrotoluene
Concen: 9.07 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41226

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

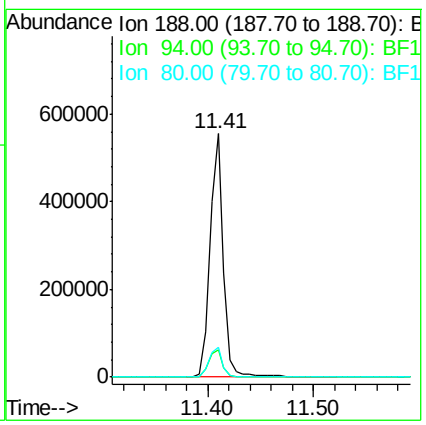


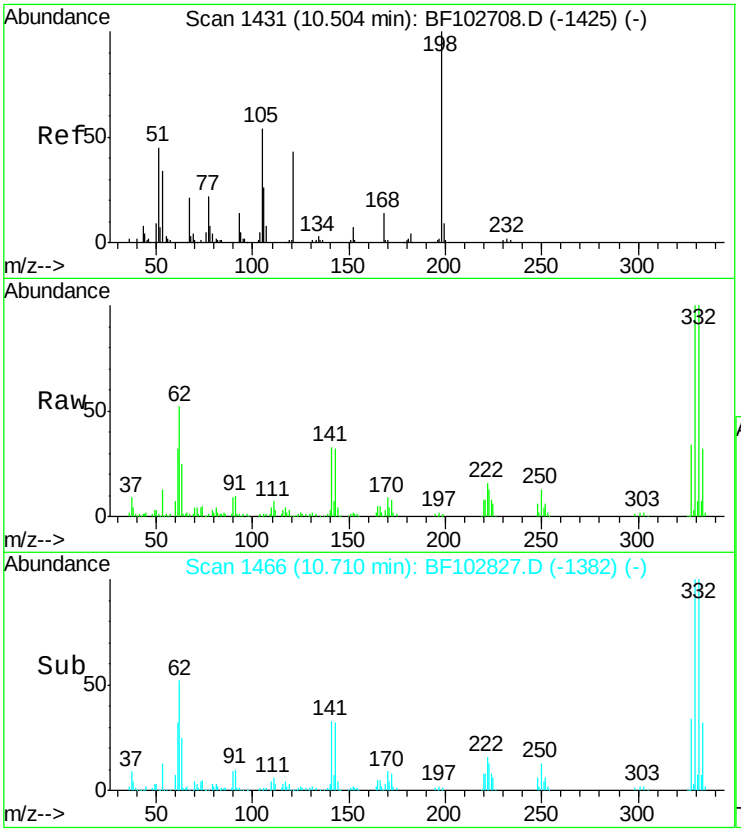


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:188 Resp: 492235

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.1	9.2	13.8



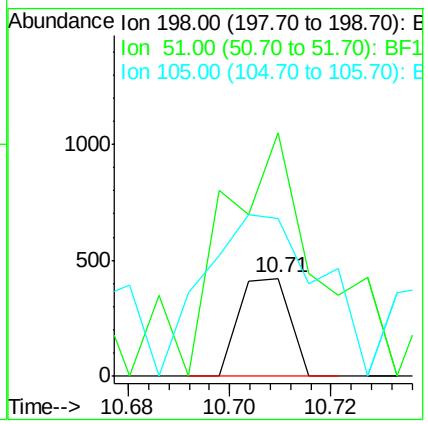


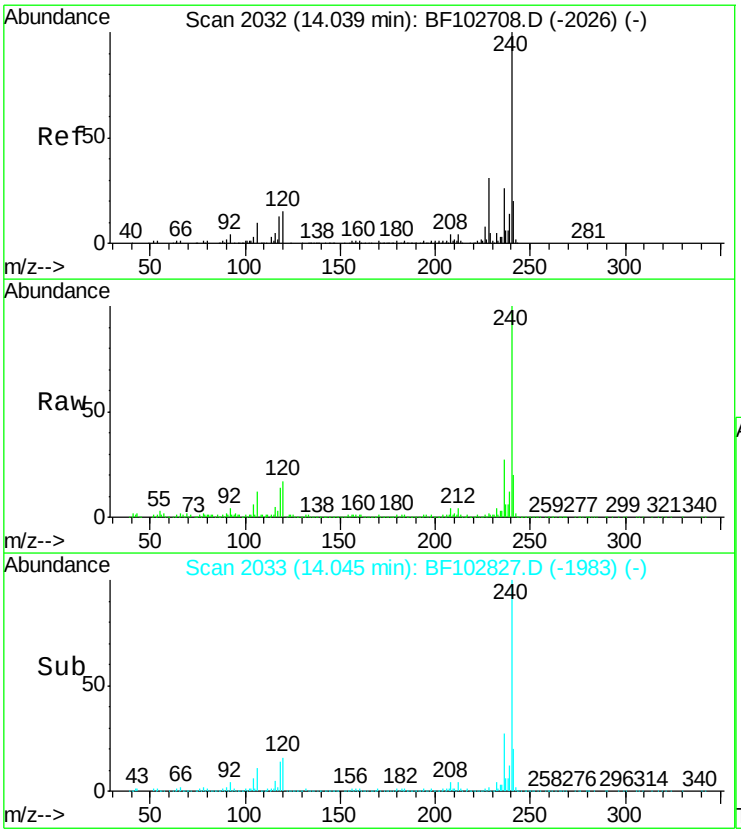
#64
4,6-Dinitro-2-methylphenol
Concen: 8.92 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 294

Ion	Ratio	Lower	Upper
198	100		
51	248.6	37.7	77.7#
105	161.6	36.3	76.3#

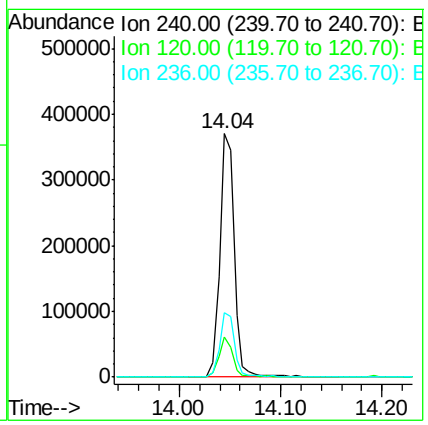


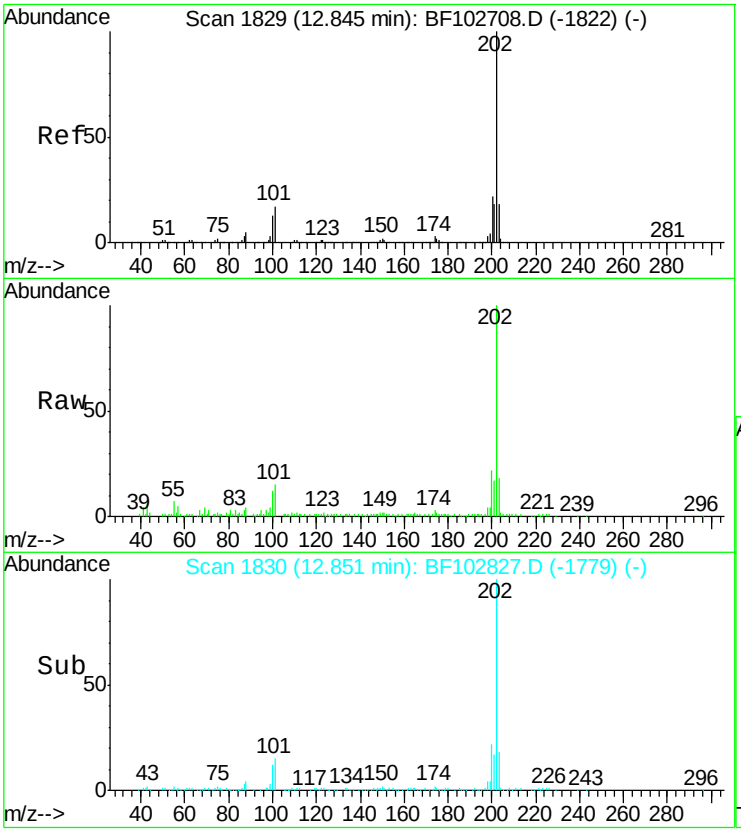


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:240 Resp: 365027

Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	26.7	20.7	31.1



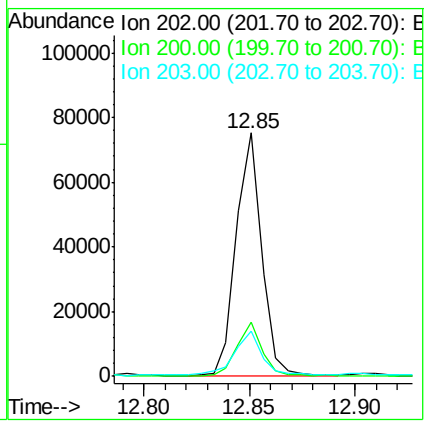


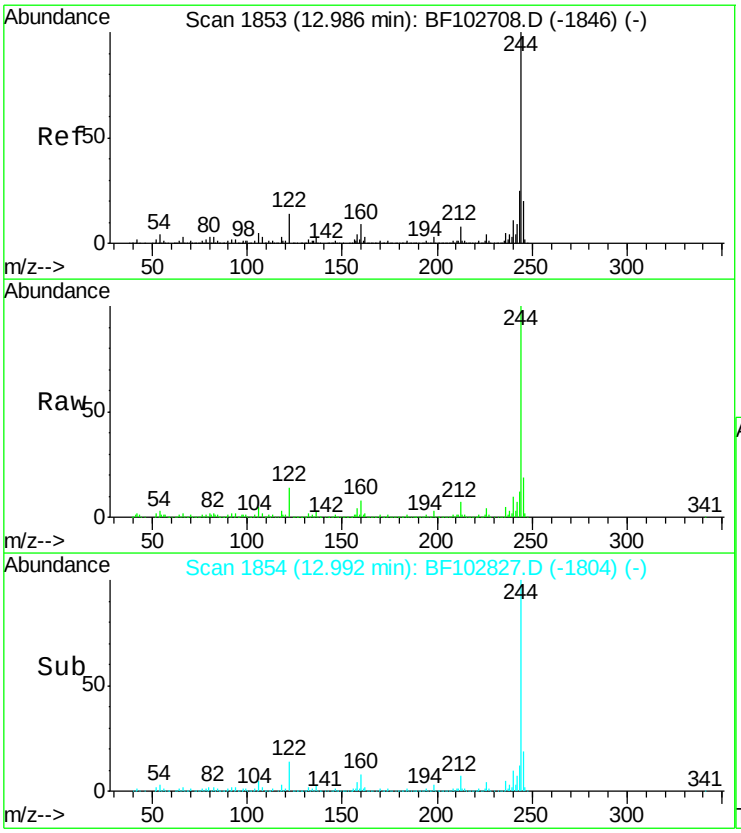
#77
Pyrene
Concen: 2.21 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 63356

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.3	21.5

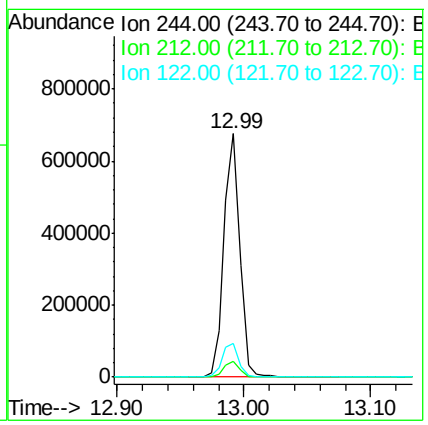


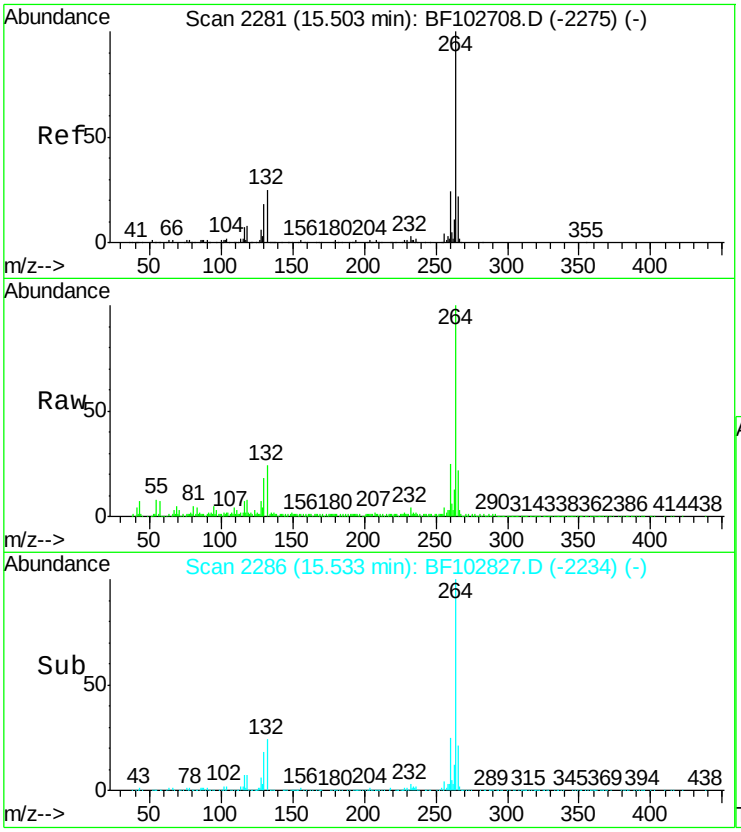


#78
Terphenyl-d14
Concen: 38.51 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:244 Resp: 593704

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.0	11.0	16.4



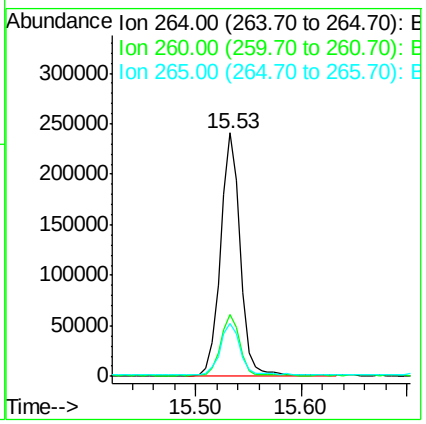


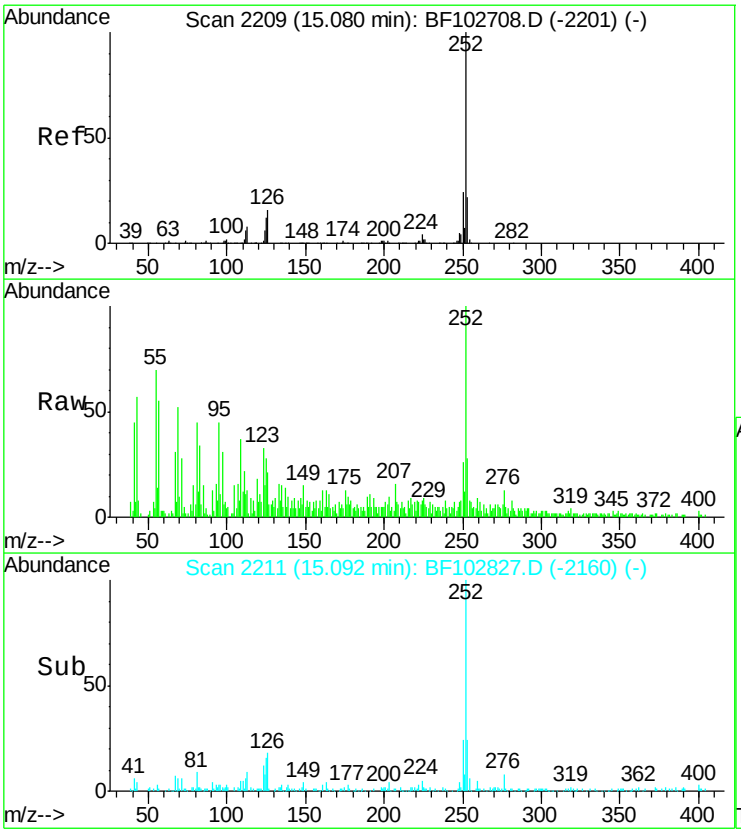
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 311048

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.8	17.5	26.3

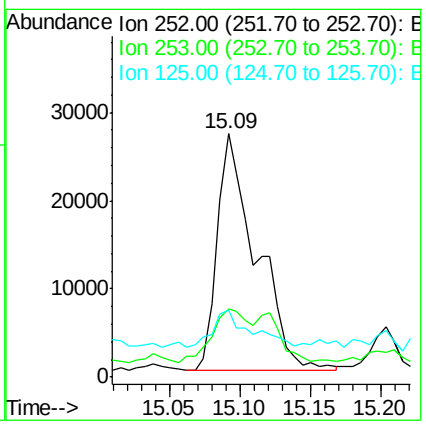


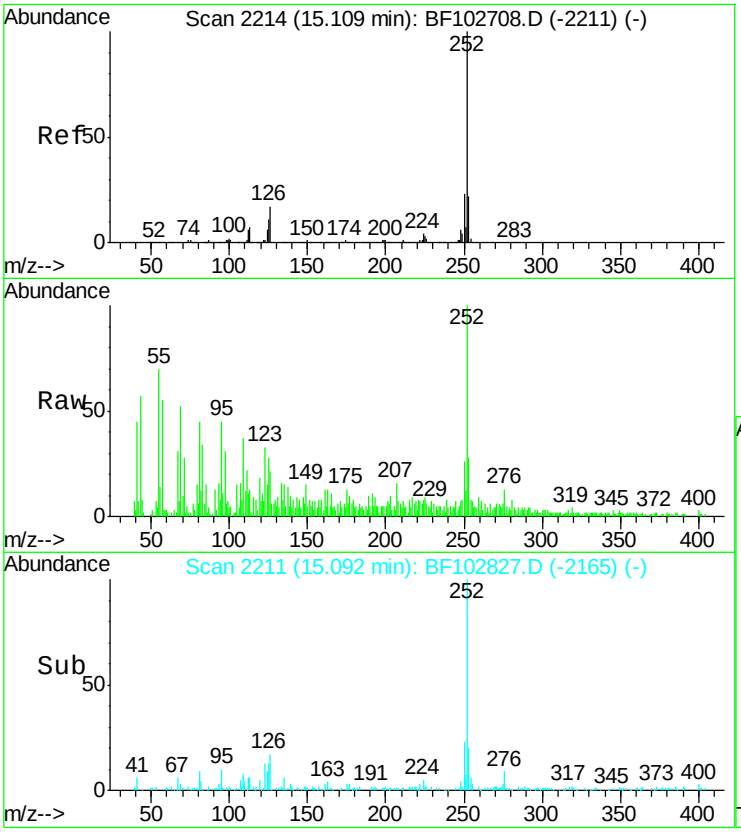


#87
Benzo(b)fluoranthene
Concen: 2.55 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Tgt Ion:252 Resp: 51408

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.0	25.6#
125	27.7	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.67 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF102827.D
Acq: 7 Feb 2018 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 51408

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.9	26.9#
125	27.7	10.2	15.2#