Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102900.D
Acq On : 9 Feb 2018 20:26
Operator : SJ/JU
Sample : J1506-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 09 22:09:18 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	6.89	152	158396	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	639160	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	258929	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	381983	20.00	ng		0.00
75) Chrysene-d12	14.05	240	309360	20.00	ng		0.00
86) Perylene-d12	15.54	264	287594	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1124533	107.82	ng		0.01
7) Phenol-d6	6.51	99	1309635	104.28	ng		0.00
23) Nitrobenzene-d5	7.45	82	862545	93.62	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	207073	99.36	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1186230	76.02	ng		0.00
78) Terphenyl-d14	13.00	244	821895	62.91	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	29849	2.22	ng		88
19) n-Nitroso-di-n-propylamine	7.45	70	117738	14.22	ng	#	86
25) Isophorone	7.45	82	862532	40.65	ng	#	64
47) 2-Nitroaniline	9.63	65	1209	3.68	ng	#	1
49) Dimethylphthalate	9.63	163	128167	6.35	ng		99
55) 4-Nitrophenol	10.13	139	339	4.11	ng	#	9
56) 2,4-Dinitrotoluene	9.92	165	32345	8.95	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.72	198	425	9.04	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	13578	3.36	ng	#	1
74) Fluoranthene	12.62	202	52228	2.44	ng		99
77) Pyrene	12.86	202	48653	2.01	ng		97
87) Benzo(b)fluoranthene	15.10	252	39688	2.13	ng	#	93
88) Benzo(k)fluoranthene	15.10	252	39688	2.23	ng	#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102900.D
Acq On : 9 Feb 2018 20:26
Operator : SJ/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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BNA_F
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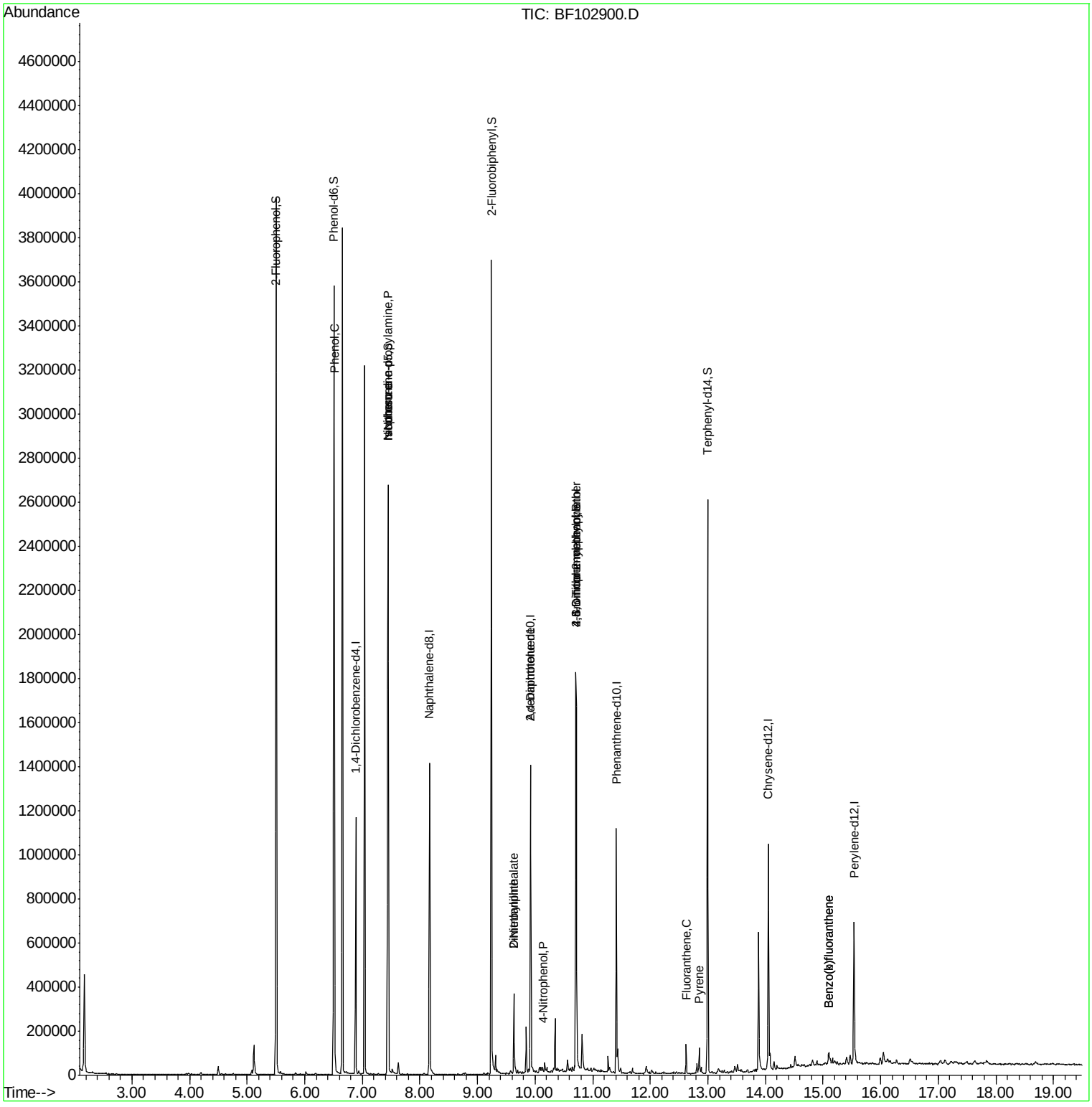
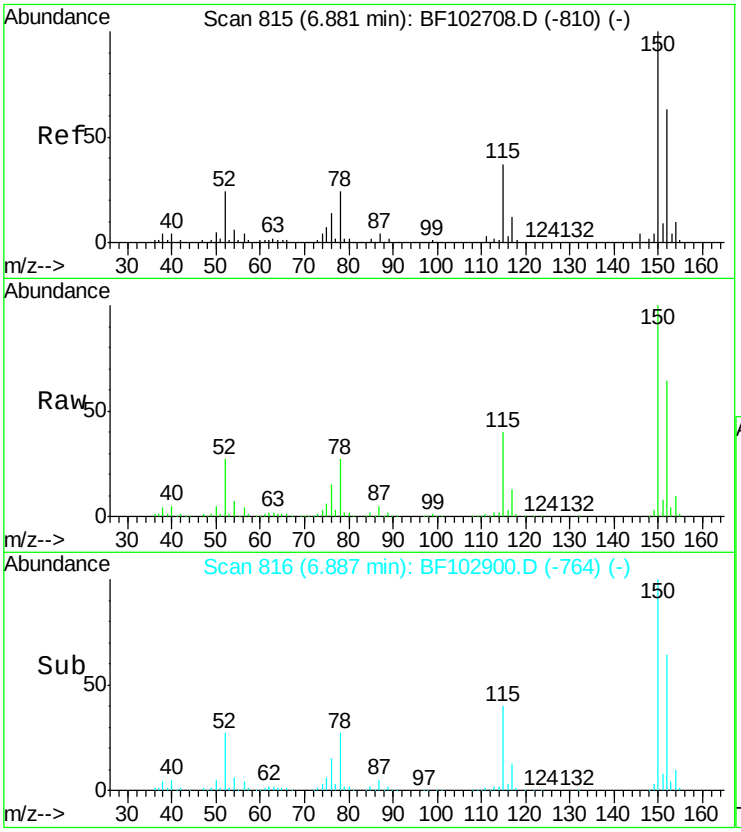


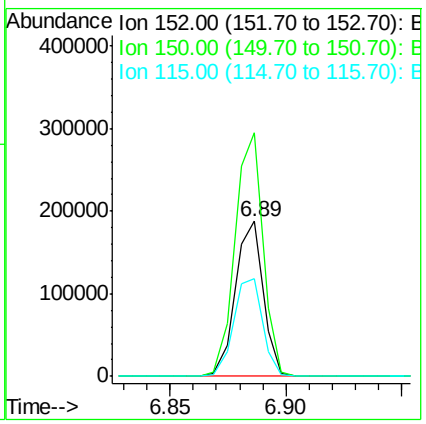


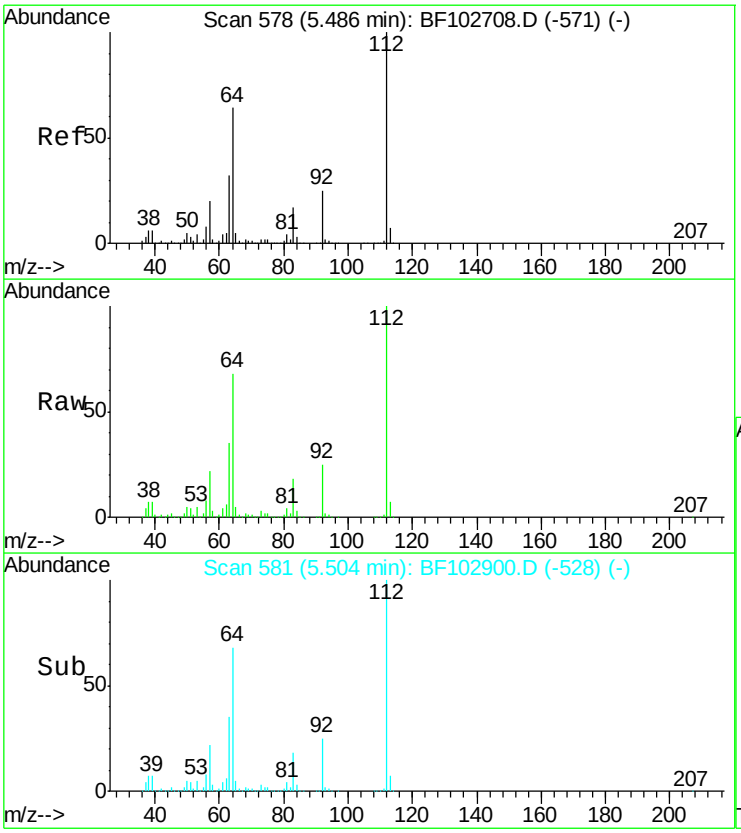
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 158396

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.1	50.1	75.1

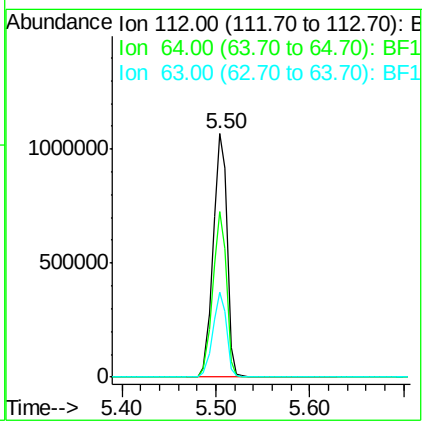


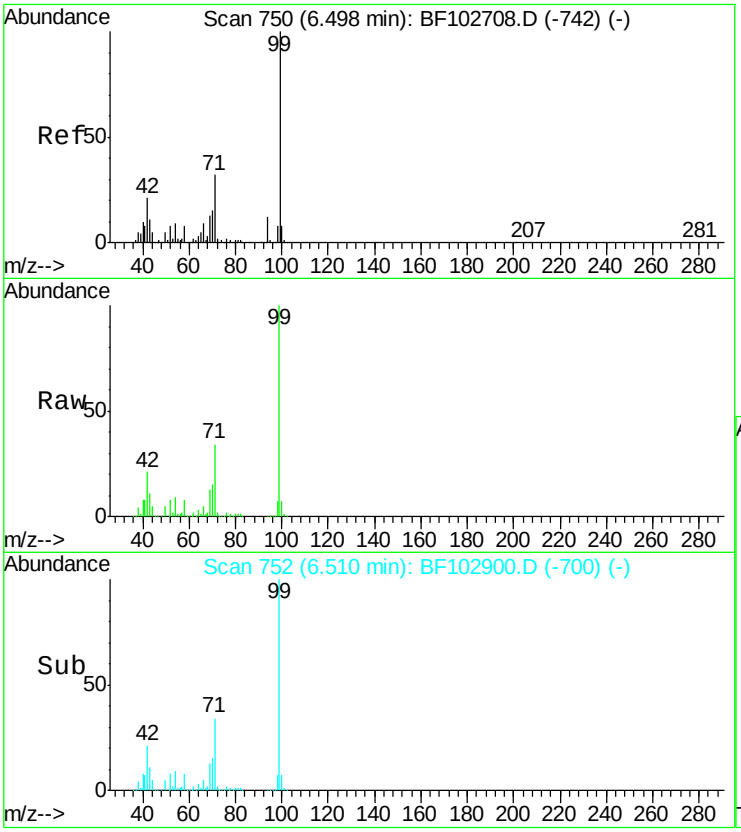


#5
2-Fluorophenol
Concen: 107.82 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:112 Resp: 1124533

Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	35.1	23.7	35.5



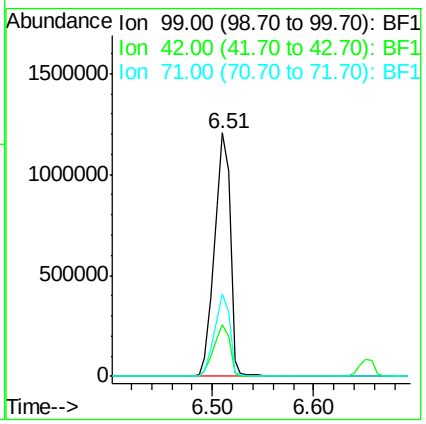


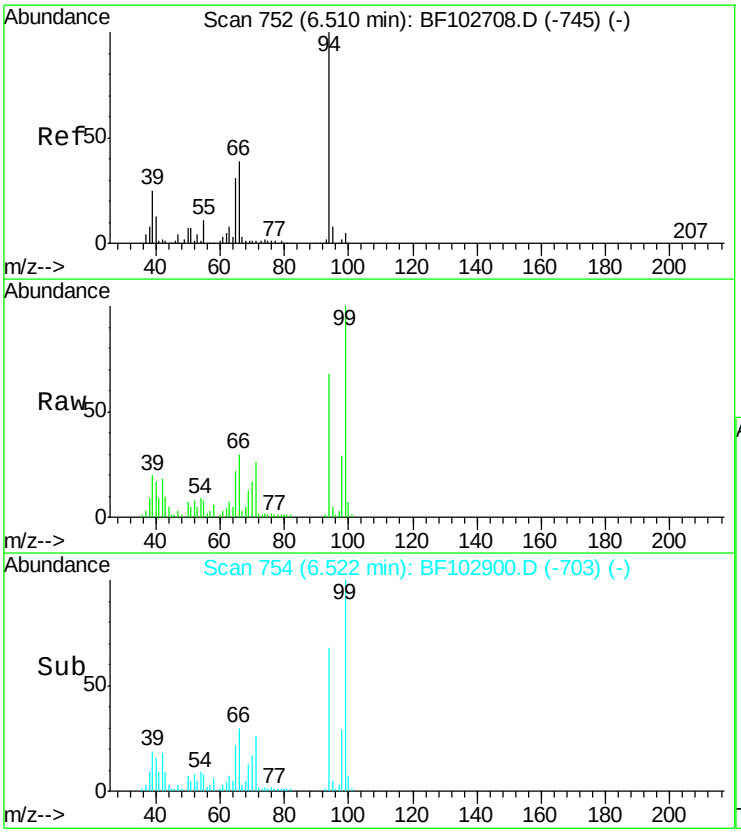
#7
Phenol-d6
Concen: 104.28 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1309635

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	33.8	25.4	38.0

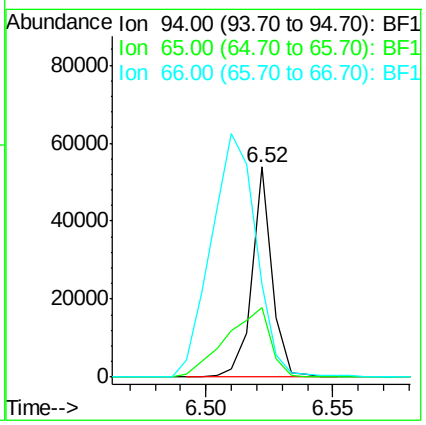


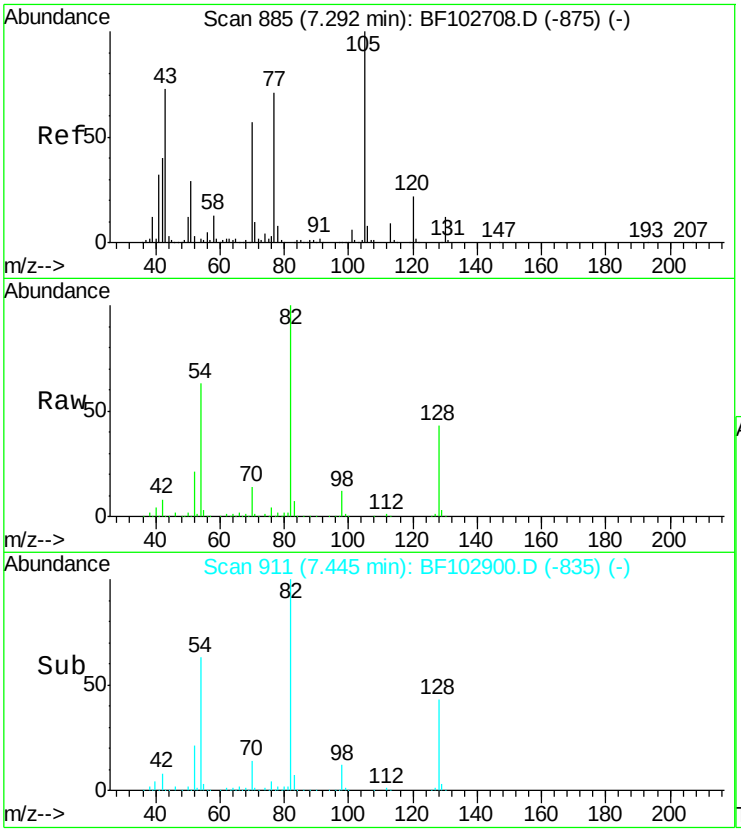


#10
Phenol
Concen: 2.22 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion: 94 Resp: 29849

Ion	Ratio	Lower	Upper
94	100		
65	32.9	7.9	47.9
66	43.9	16.2	56.2



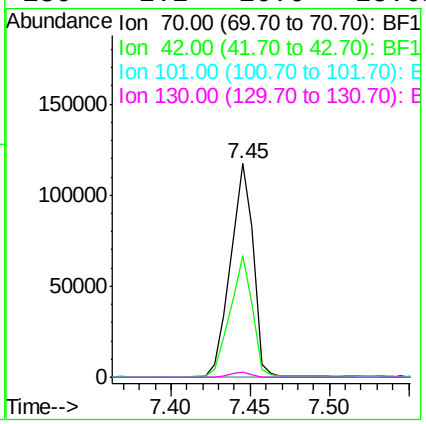


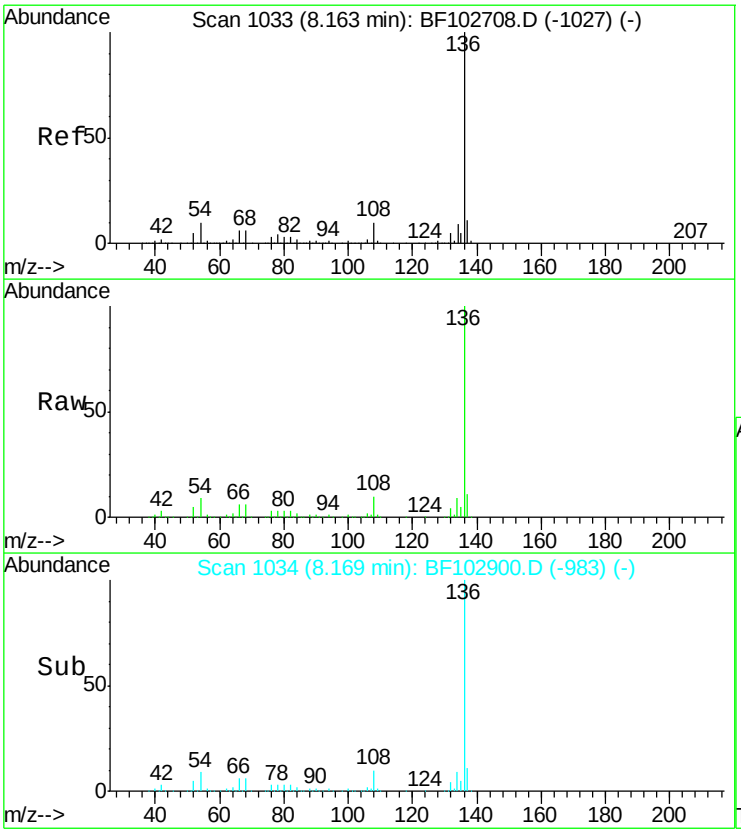
#19
n-Nitroso-di-n-propylamine
Concen: 14.22 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 117738

Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

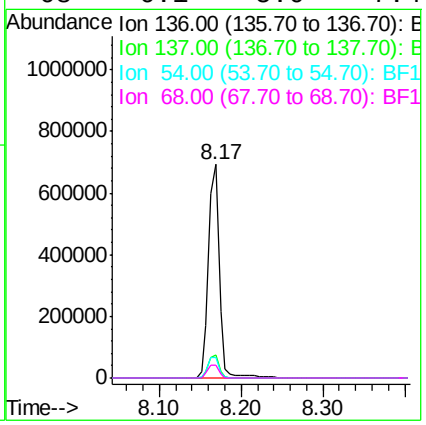


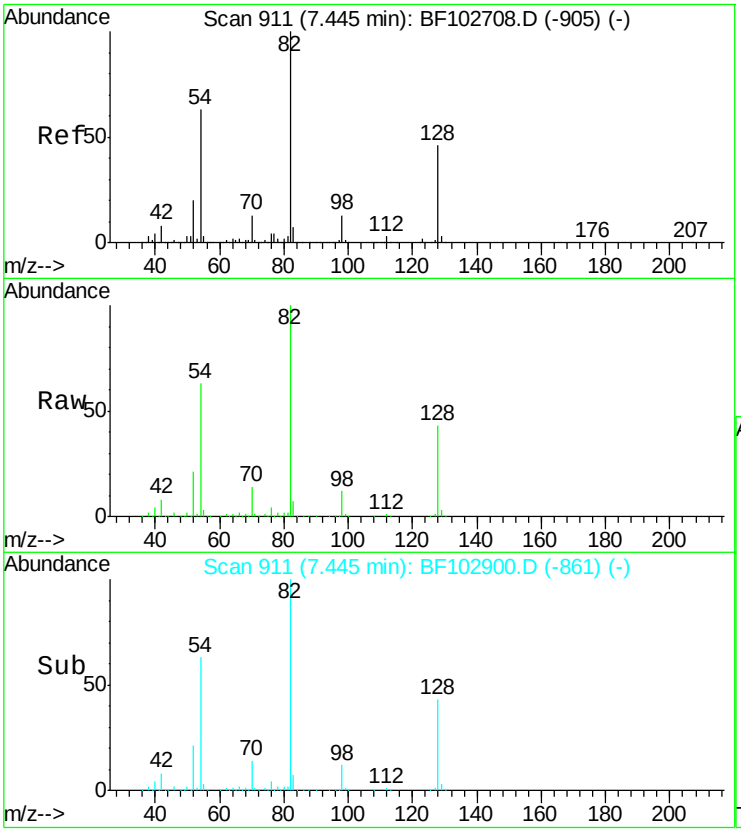


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:136 Resp: 639160

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	6.1	5.0	7.4



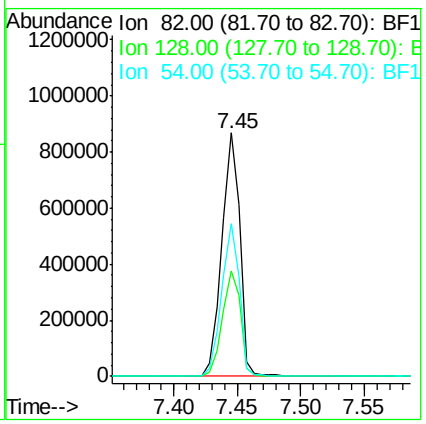


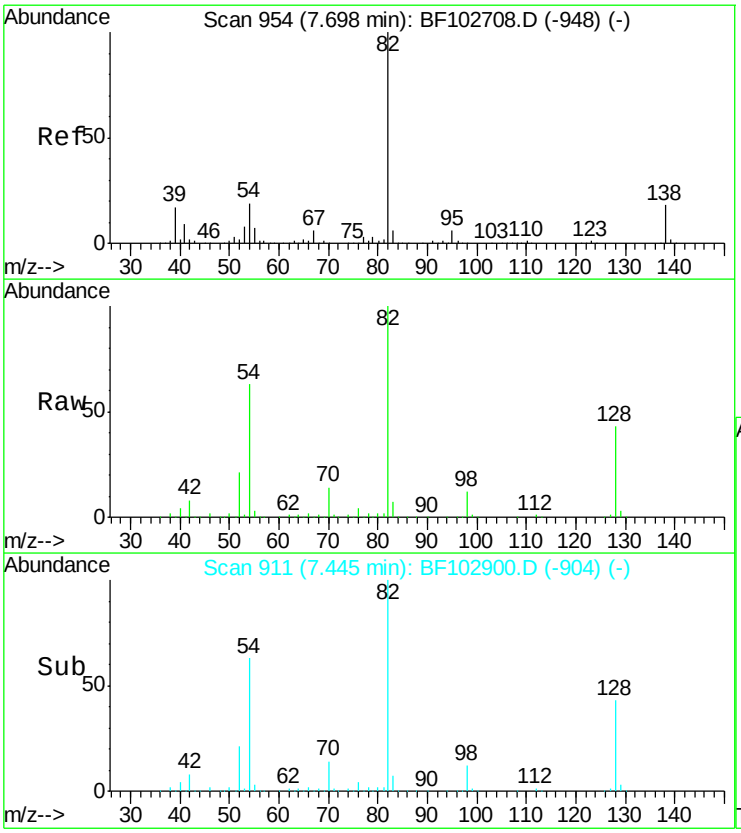
#23
Nitrobenzene-d5
Concen: 93.62 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 862545

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	62.7	41.4	62.2#

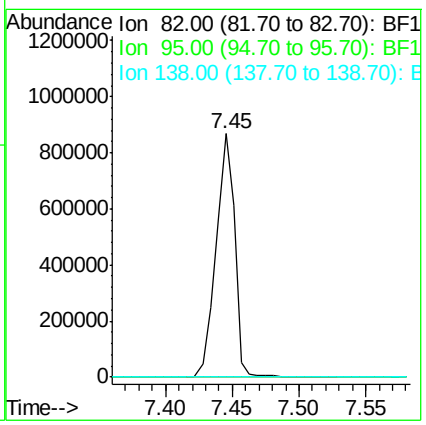


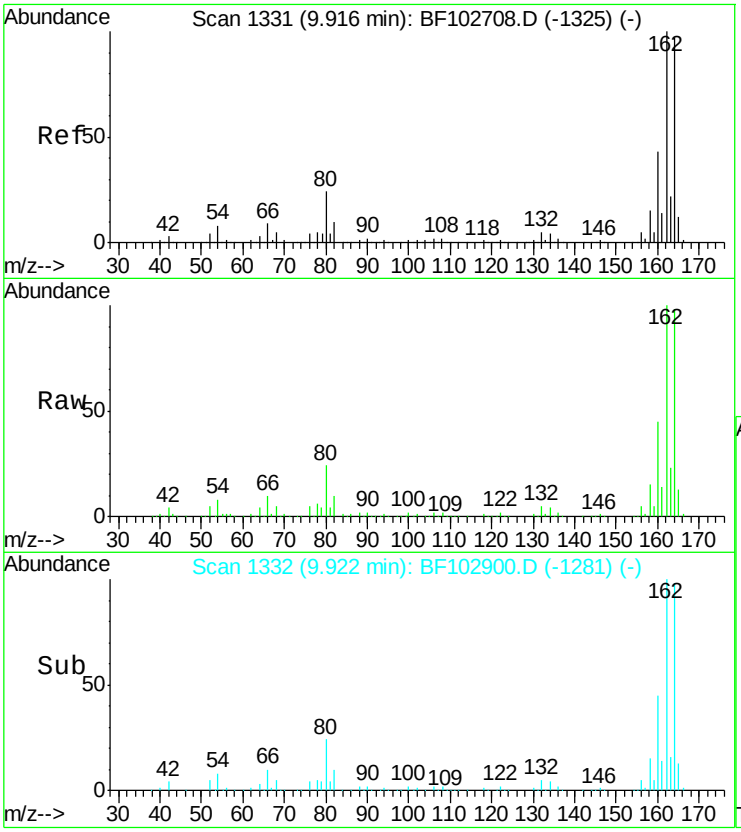


#25
Isophorone
Concen: 40.65 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion: 82 Resp: 862532

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



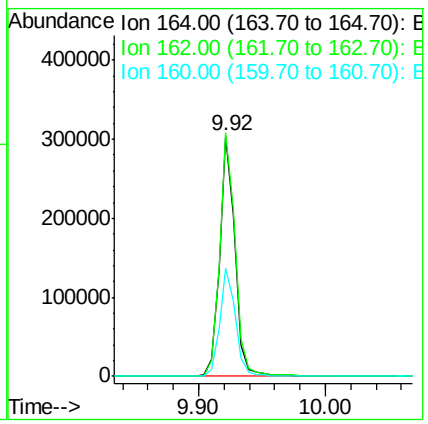


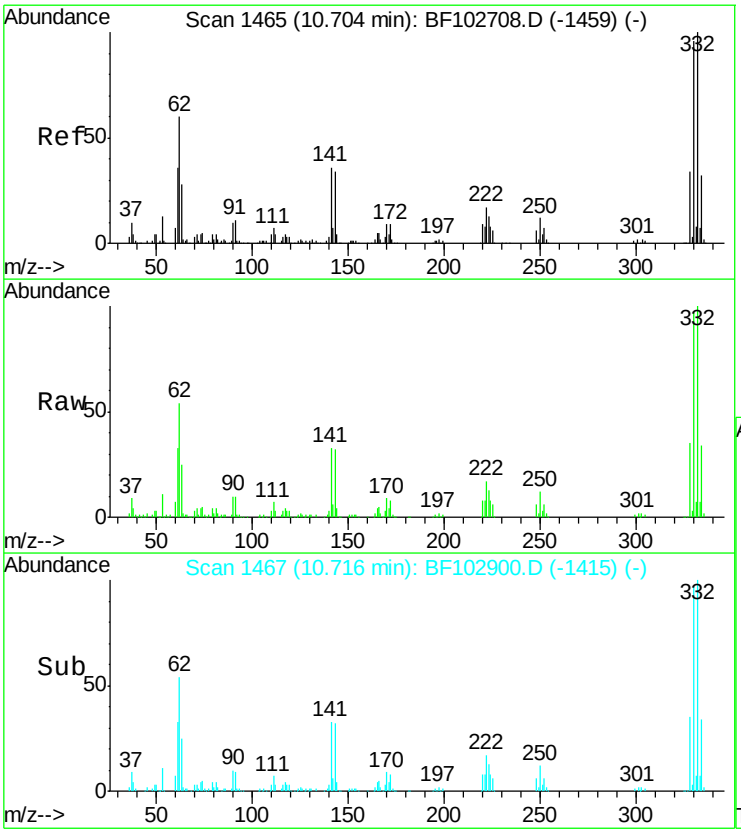
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 258929

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.3	38.3	57.5

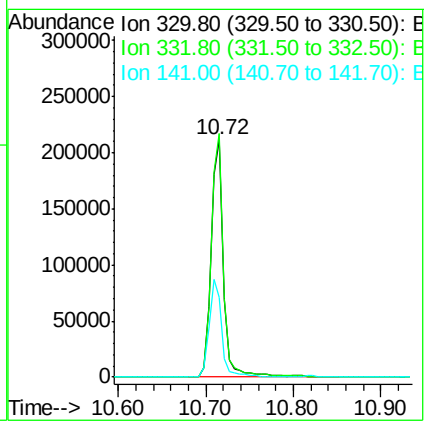


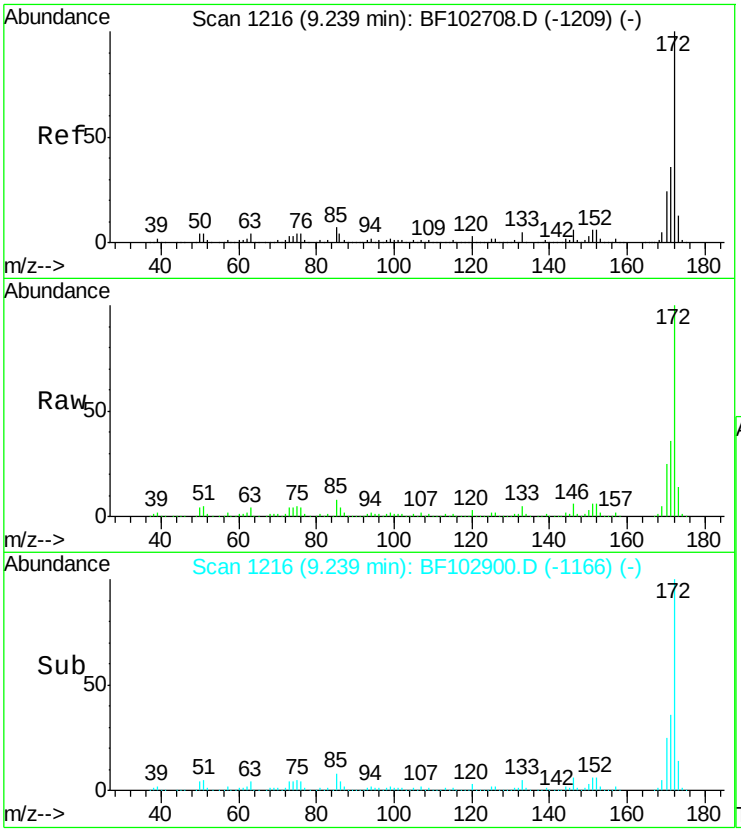


#41
2,4,6-Tribromophenol
Concen: 99.36 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:330 Resp: 207073

Ion	Ratio	Lower	Upper
330	100		
332	100.8	77.0	115.6
141	41.7	29.9	44.9



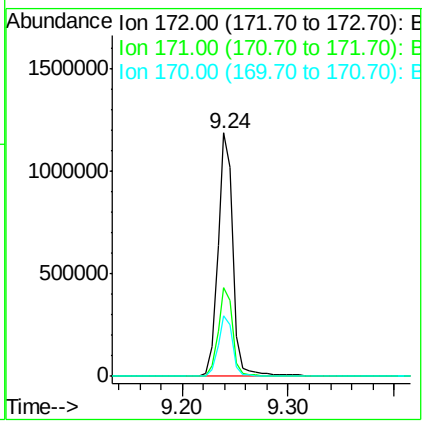


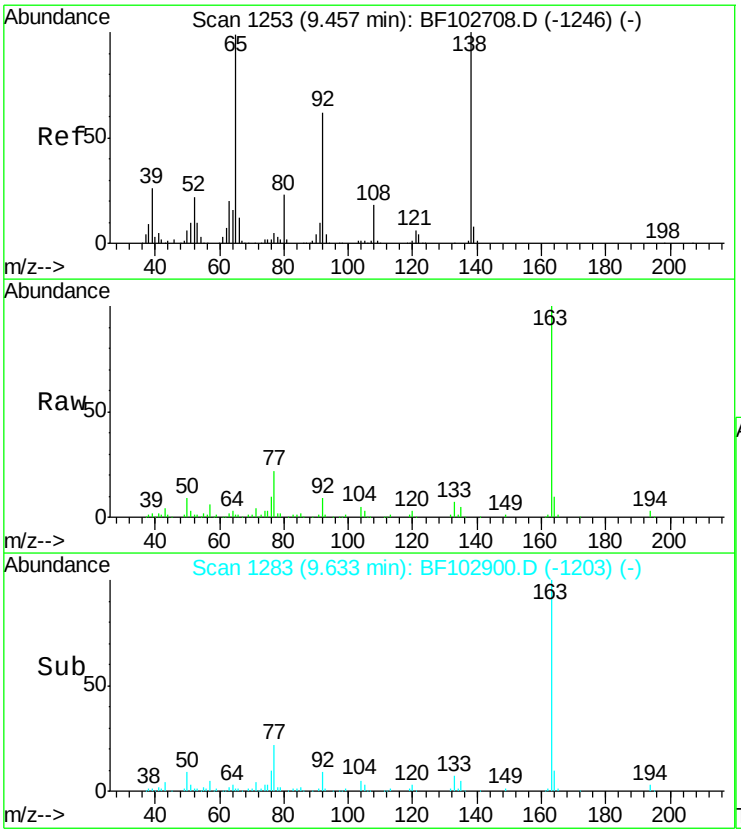
#44
2-Fluorobiphenyl
Concen: 76.02 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1186230

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

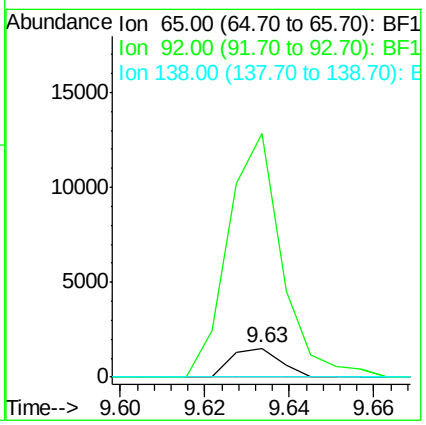


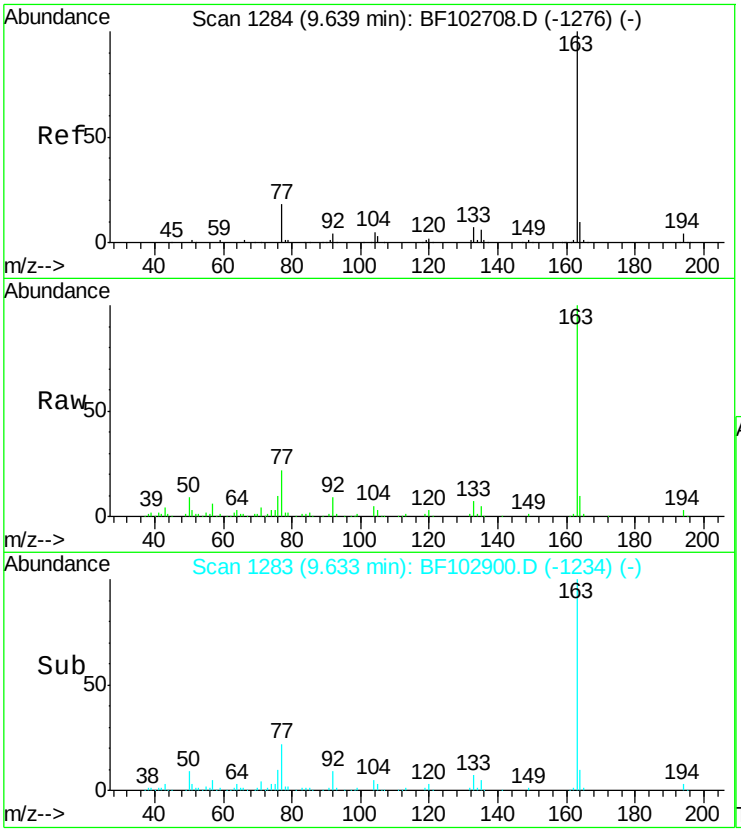


#47
2-Nitroaniline
Concen: 3.68 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.17 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion: 65 Resp: 1209

Ion	Ratio	Lower	Upper
65	100		
92	847.6	55.8	83.6#
138	0.0	91.2	136.8#



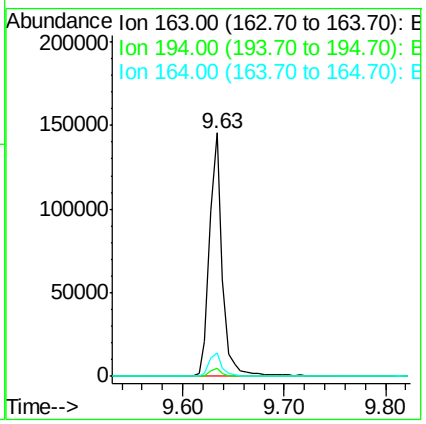


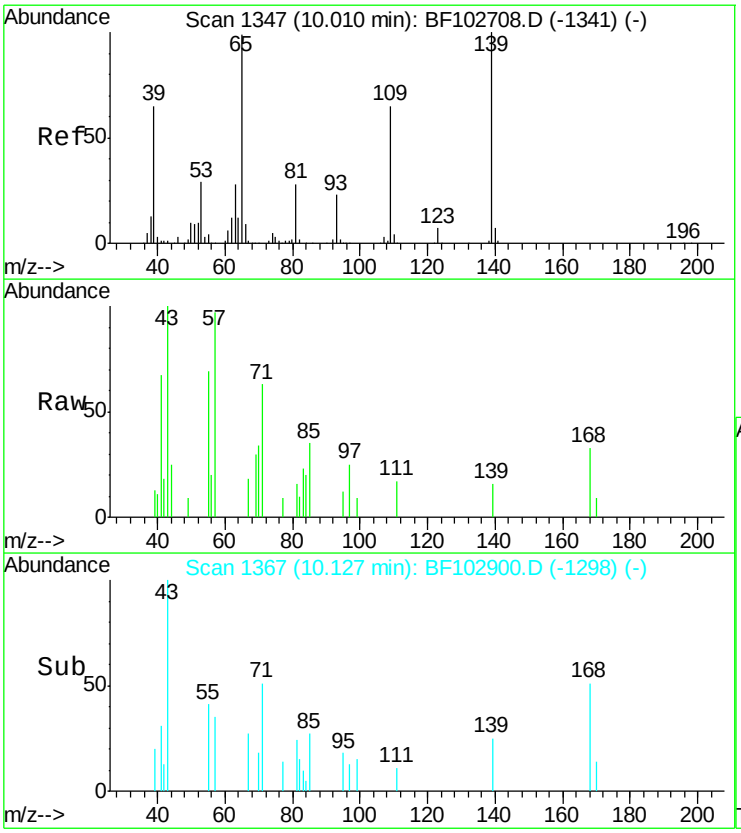
#49
Dimethylphthalate
Concen: 6.35 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 128167

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.6	8.2	12.2

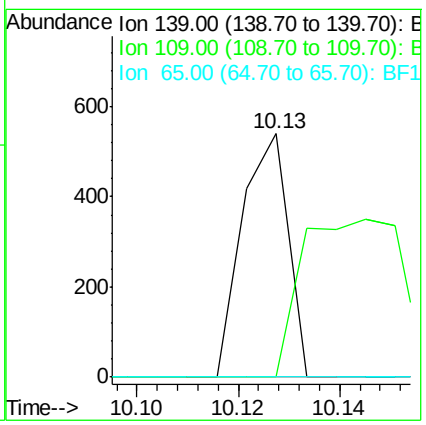


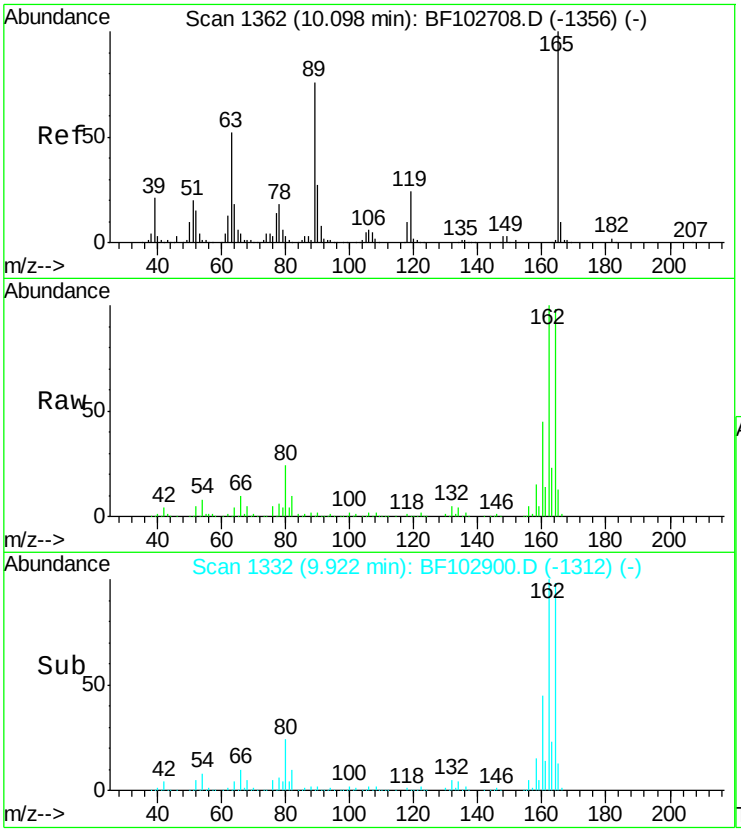


#55
4-Nitrophenol
Concen: 4.11 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:139 Resp: 339

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



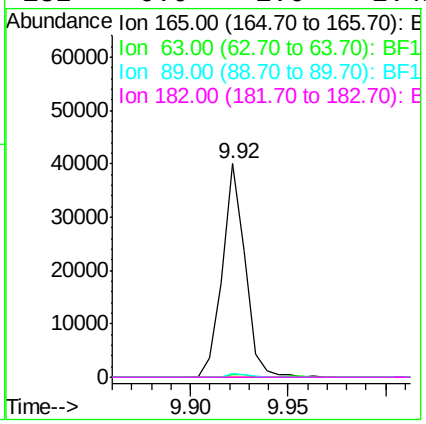


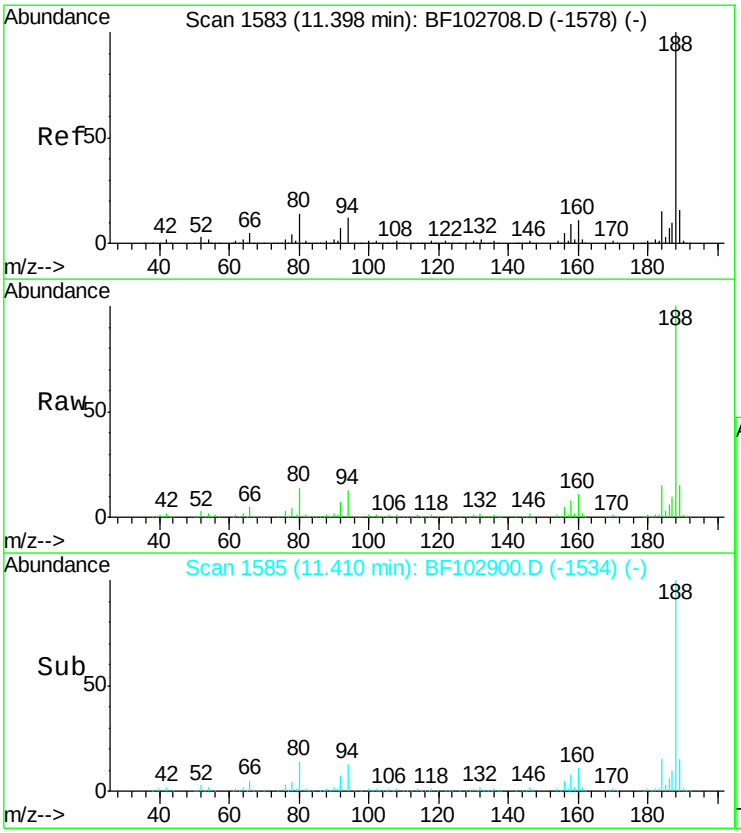
#56
2,4-Dinitrotoluene
Concen: 8.95 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32345

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

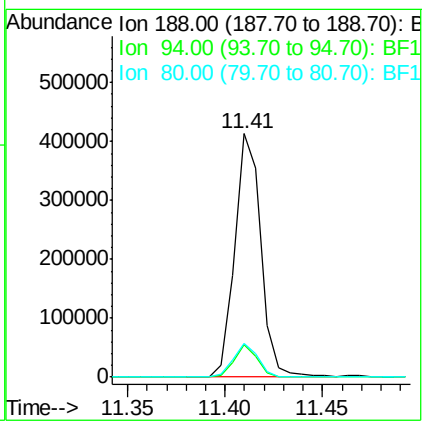


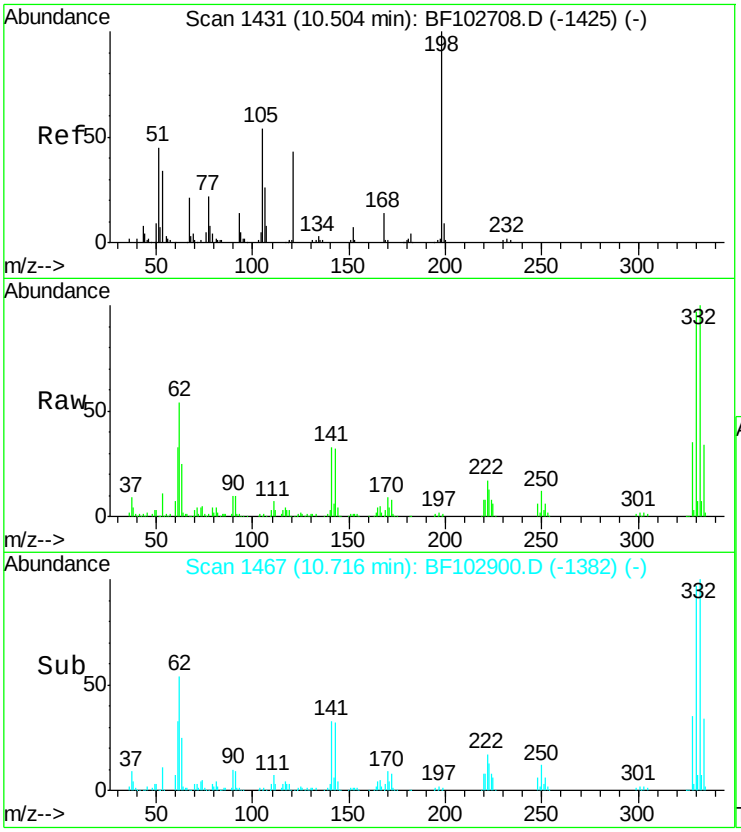


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:188 Resp: 381983

Ion	Ratio	Lower	Upper
188	100		
94	13.4	8.5	12.7#
80	13.9	9.2	13.8#



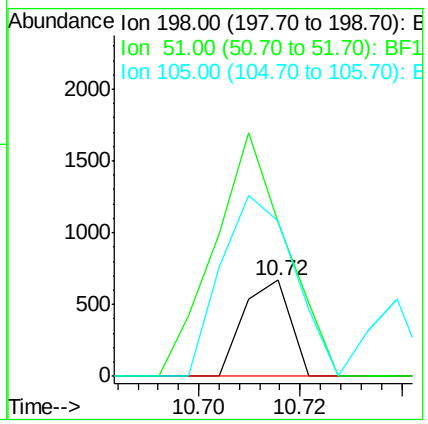


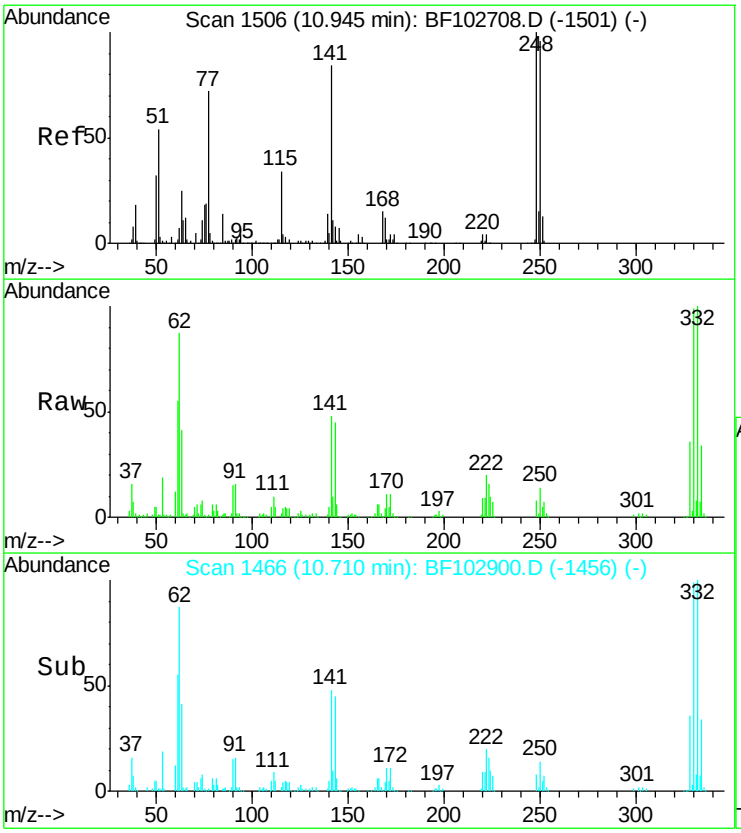
#64
4,6-Dinitro-2-methylphenol
Concen: 9.04 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 425

Ion	Ratio	Lower	Upper
198	100		
51	160.4	37.7	77.7#
105	161.7	36.3	76.3#

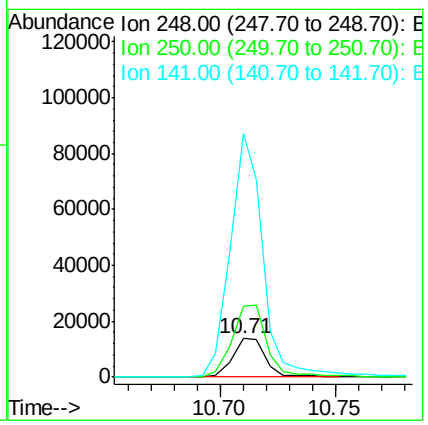


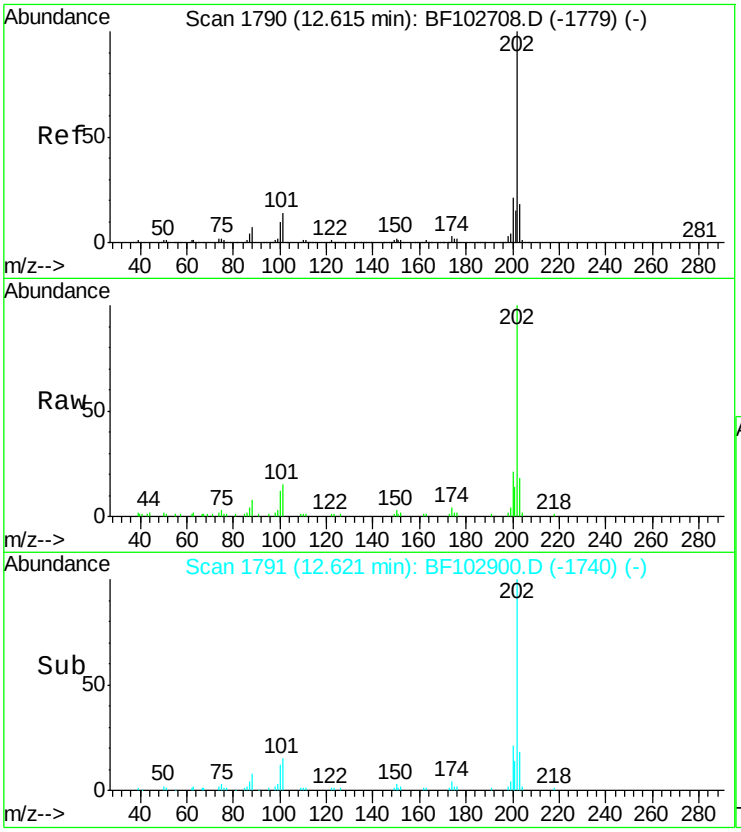


#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:248 Resp: 13578

Ion	Ratio	Lower	Upper
248	100		
250	185.4	76.9	115.3#
141	633.2	74.4	111.6#



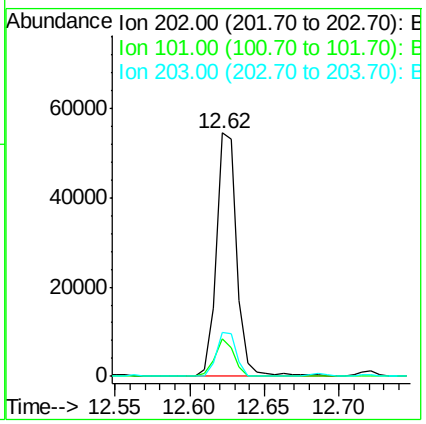


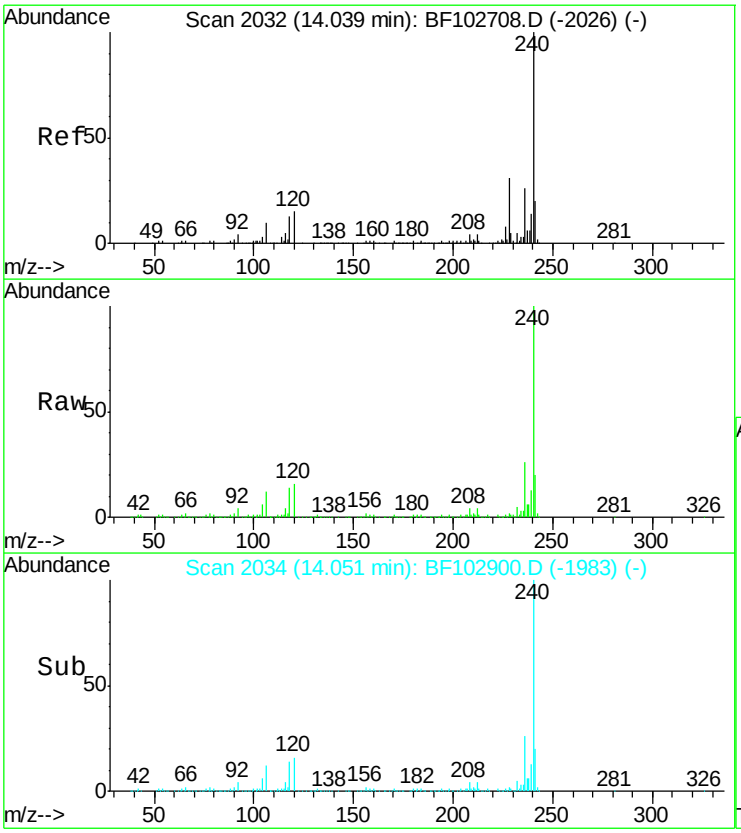
#74
Fluoranthene
Concen: 2.44 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52228

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.1
203	18.2	0.0	38.1

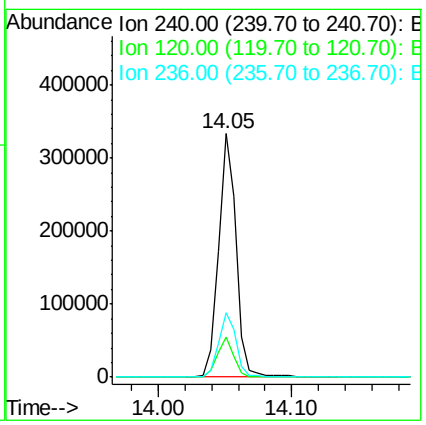


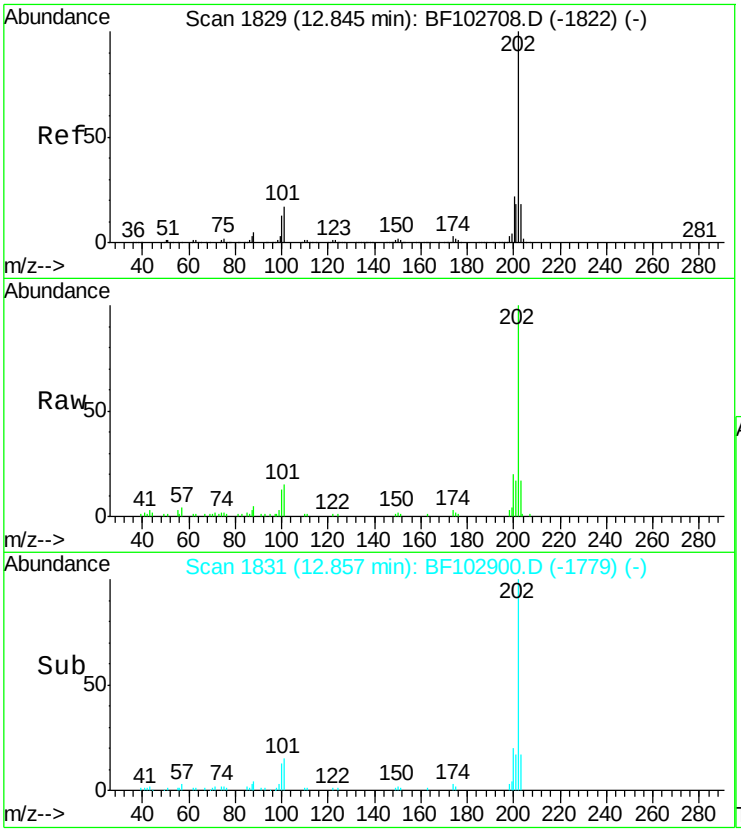


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:240 Resp: 309360

Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	26.2	20.7	31.1



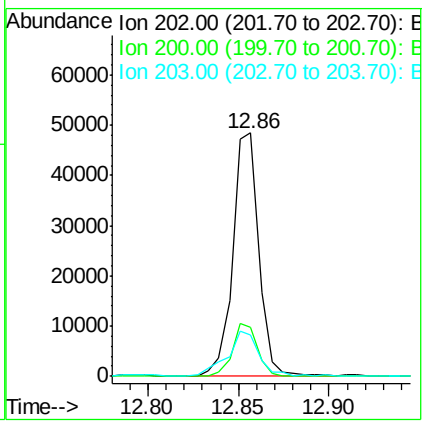


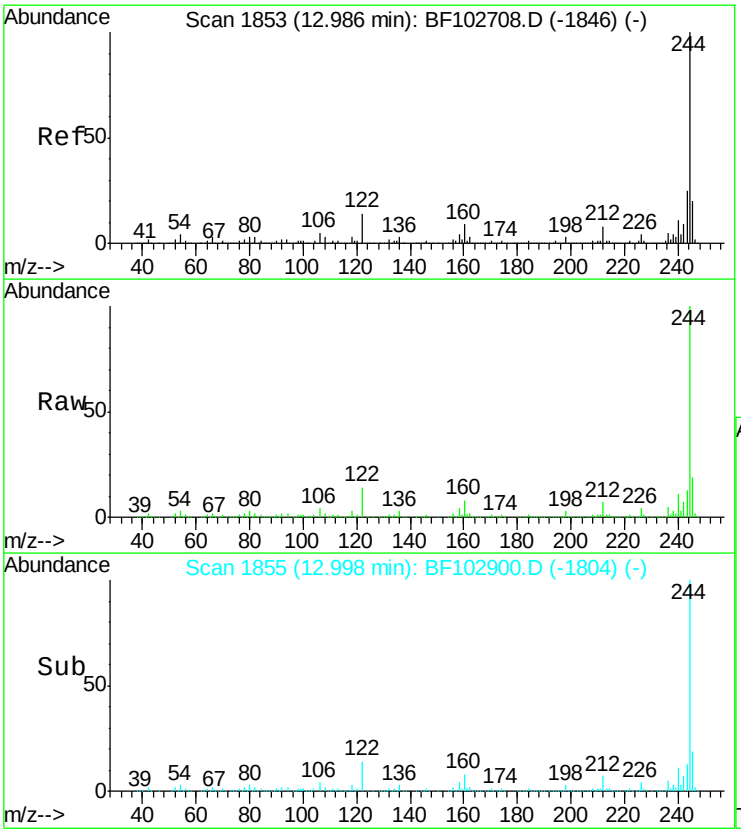
#77
Pyrene
Concen: 2.01 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 48653

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.1	14.3	21.5

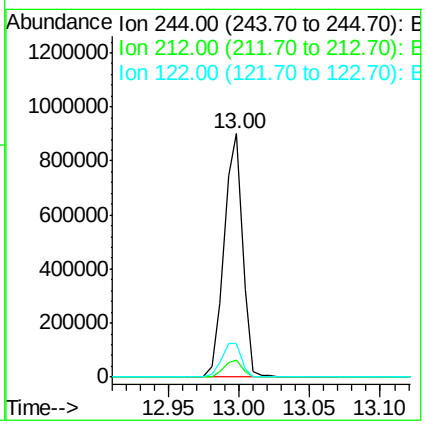


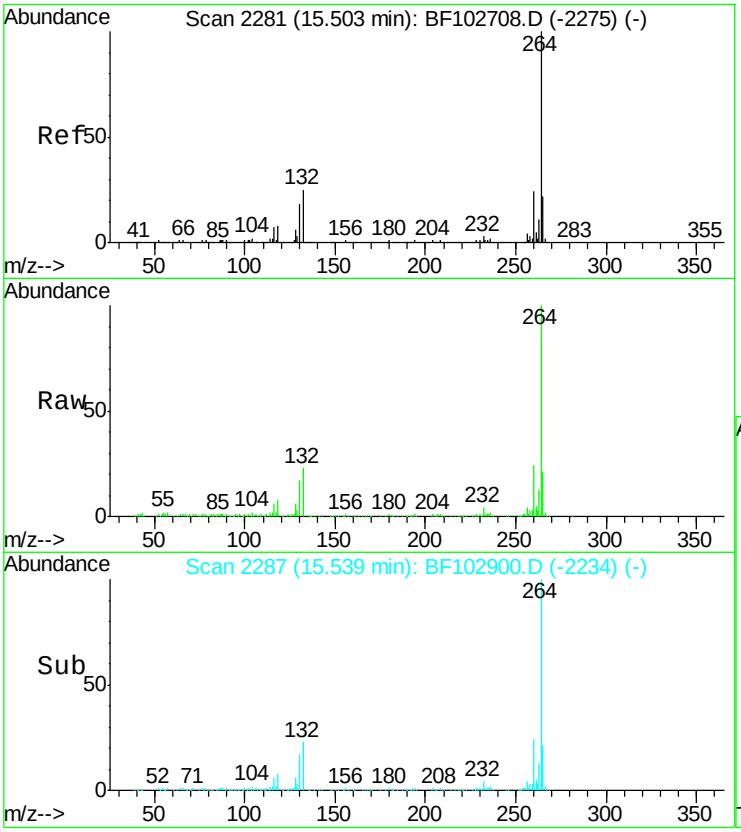


#78
Terphenyl-d14
Concen: 62.91 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:244 Resp: 821895

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.7	11.0	16.4



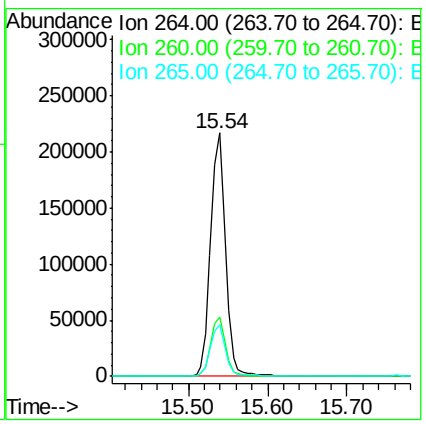


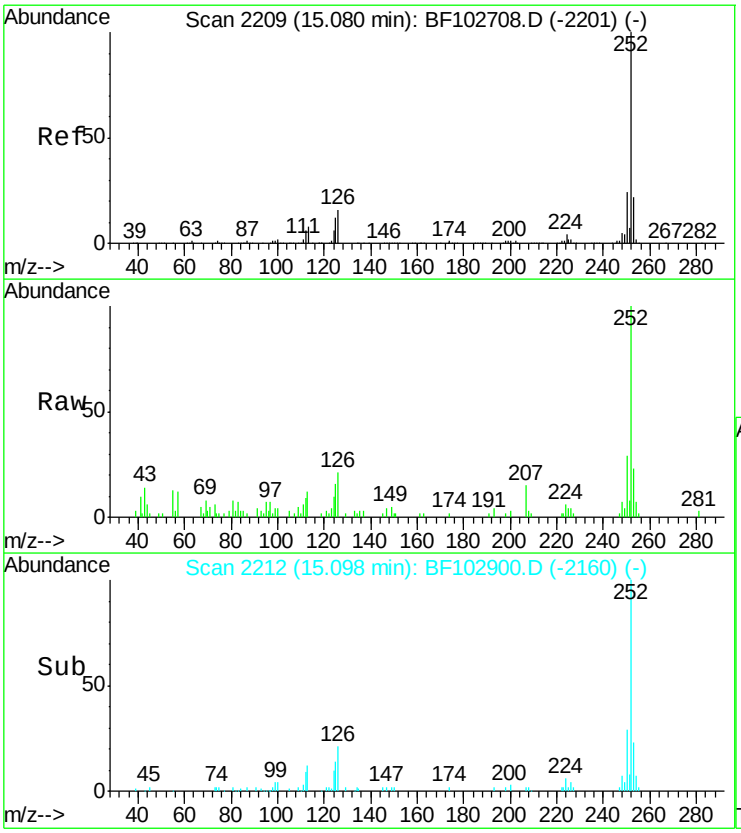
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 287594

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.0	17.5	26.3

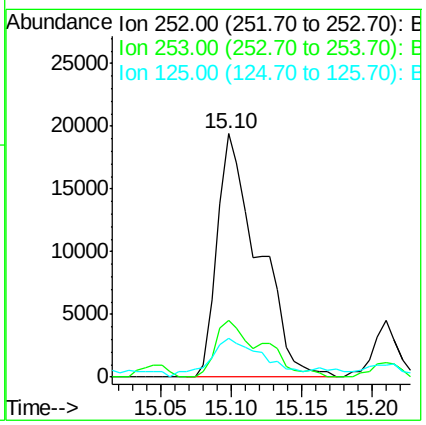


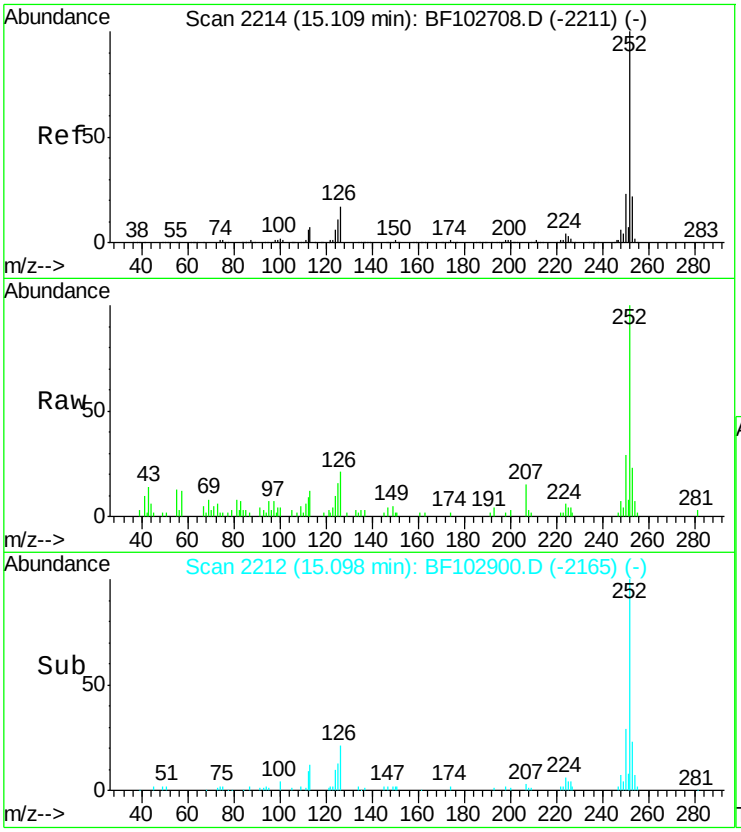


#87
Benzo(b)fluoranthene
Concen: 2.13 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:252 Resp: 39688

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	16.0	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.23 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 39688

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	16.0	10.2	15.2#