Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102028.D
Acq On : 11 Jan 2018 19:40
Operator : SJ/JU
Sample : J1062-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-27-COMP

Quant Time: Jan 11 23:42:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195767	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	766053	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	301402	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	411419	20.00	ng		0.00
75) Chrysene-d12	13.87	240	328324	20.00	ng		0.00
86) Perylene-d12	15.29	264	365655	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1505637	108.60	ng		0.01
7) Phenol-d6	6.36	99	1806674	109.23	ng		0.00
23) Nitrobenzene-d5	7.29	82	1131282	86.78	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	283526	107.79	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1679380	87.05	ng		0.00
78) Terphenyl-d14	12.83	244	998446	63.14	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	86413	4.623	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	153206	14.134	ng	#	82
25) Isophorone	7.29	82	1125064	43.678	ng	#	64
49) Dimethylphthalate	9.48	163	140864	5.826	ng		100
56) 2,4-Dinitrotoluene	9.76	165	38776	6.406	ng	#	23
62) Azobenzene	10.47	77	49400	2.064	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.55	198	667	5.925	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	18681	4.300	ng	#	1

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

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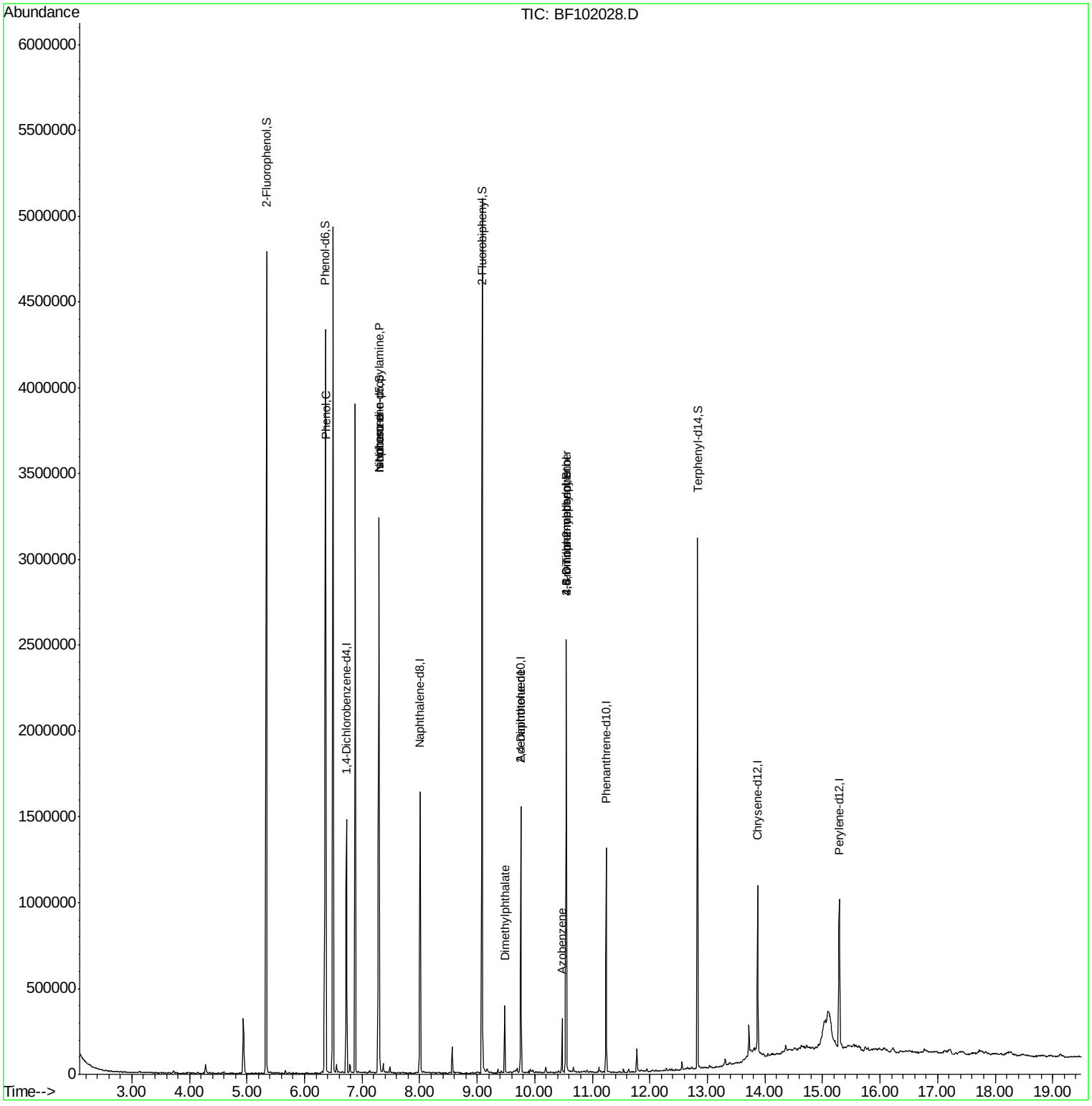
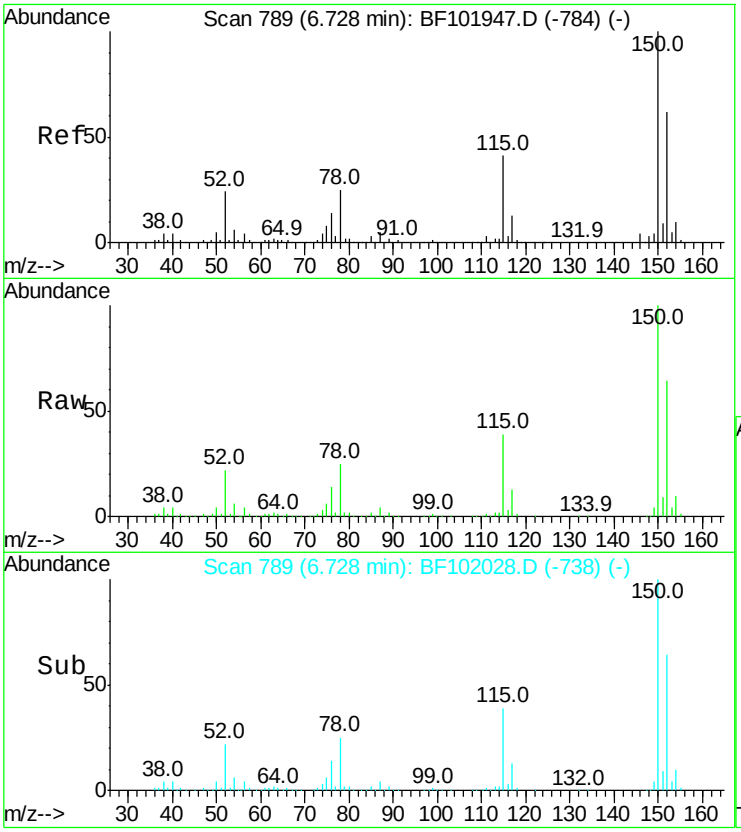


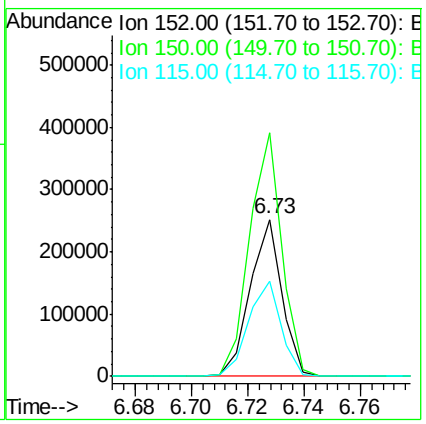


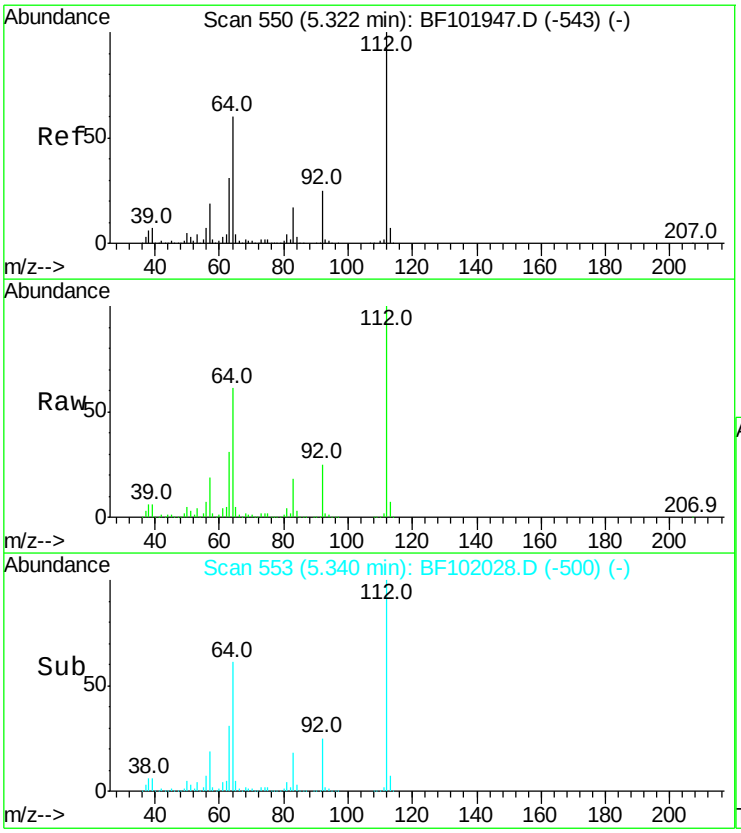
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion:152 Resp: 195767

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	61.0	50.1	75.1

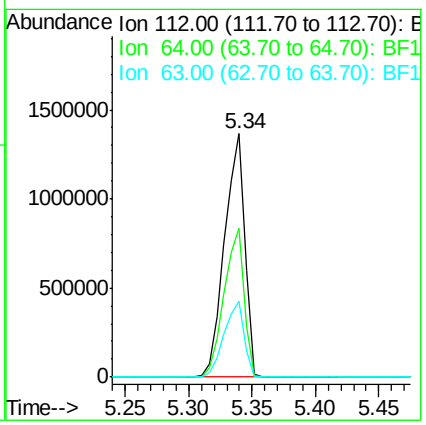


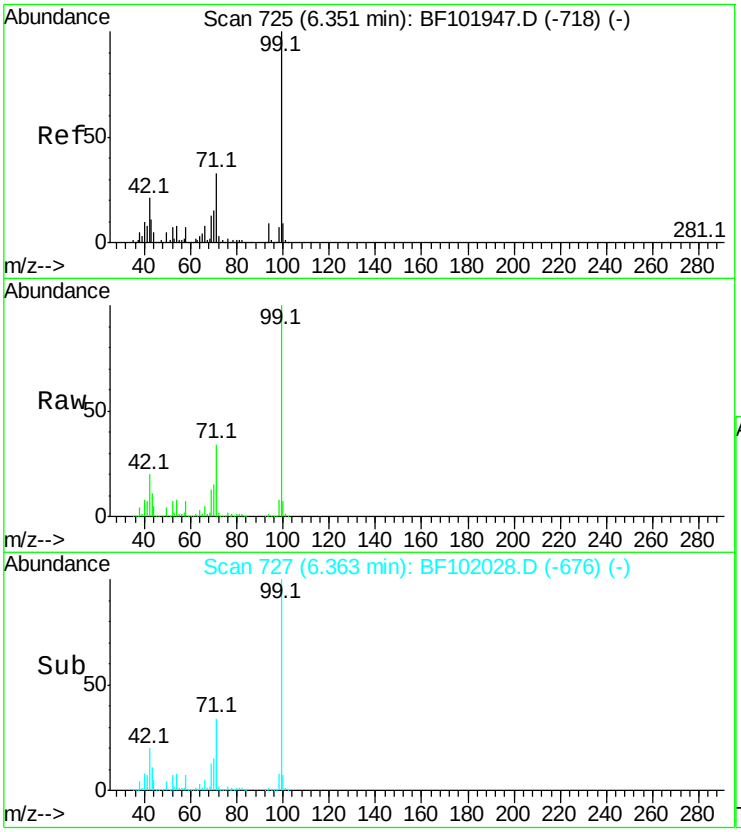


#5
2-Fluorophenol
Concen: 108.603 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion:112 Resp: 1505637

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.1	23.7	35.5



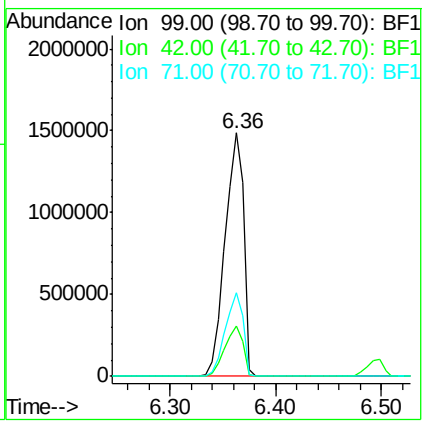


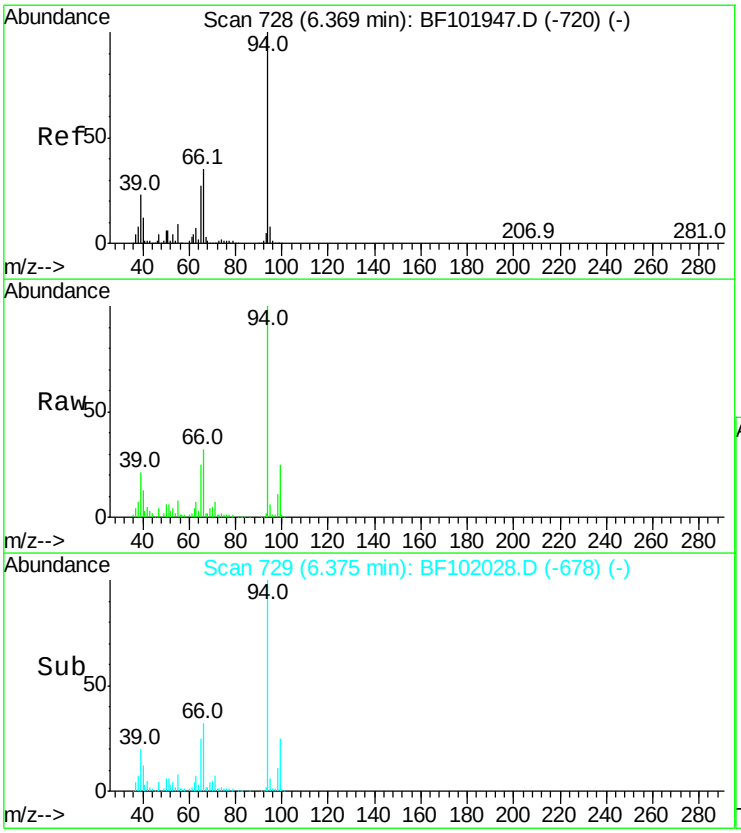
#7
Phenol-d6
Concen: 109.225 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion: 99 Resp: 1806674

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	34.1	25.4	38.0

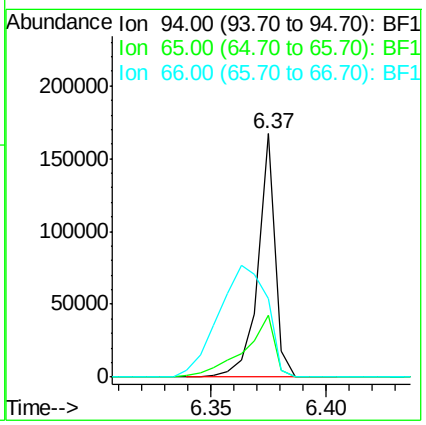


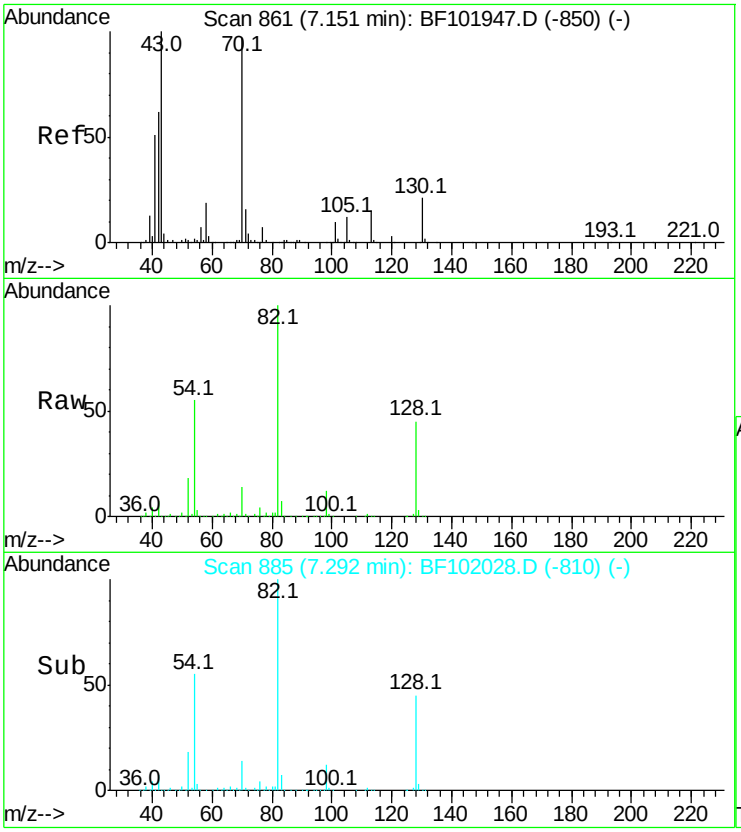


#10
Phenol
Concen: 4.623 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion: 94 Resp: 86413

Ion	Ratio	Lower	Upper
94	100		
65	25.3	7.9	47.9
66	32.2	16.2	56.2



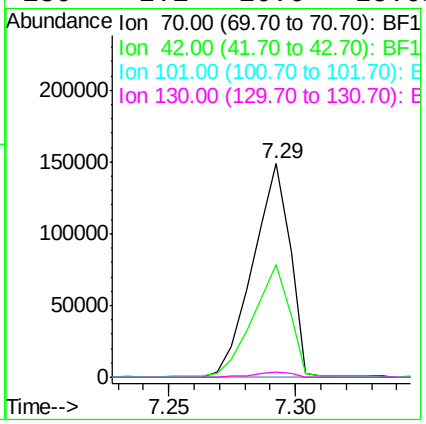


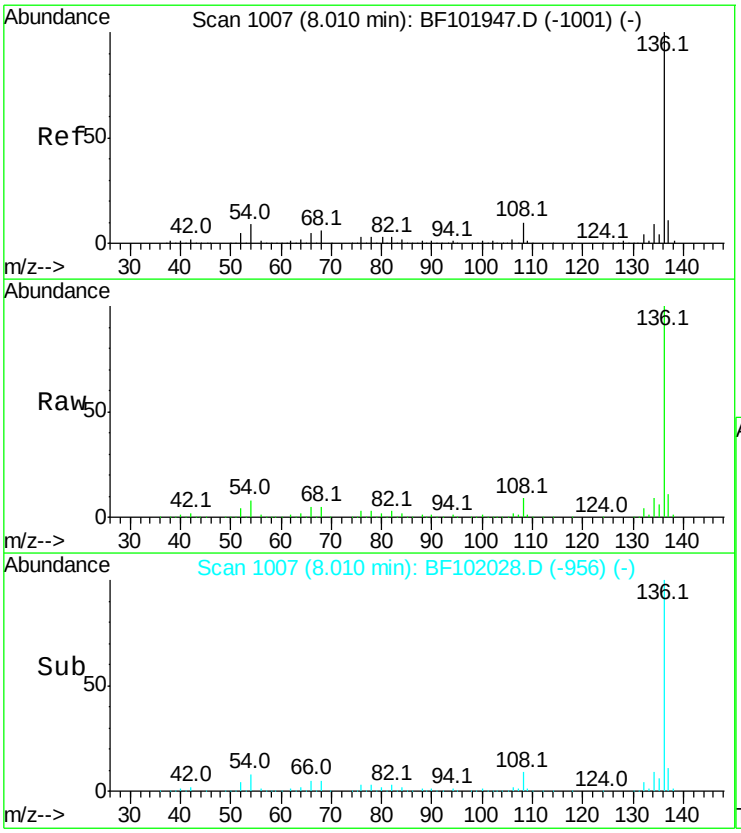
#19
n-Nitroso-di-n-propylamine
Concen: 14.134 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion: 70 Resp: 153206

Ion	Ratio	Lower	Upper
70	100		
42	53.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

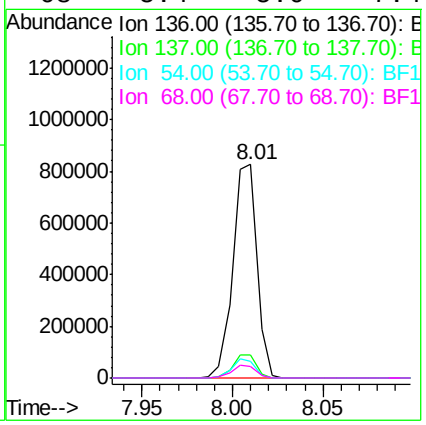


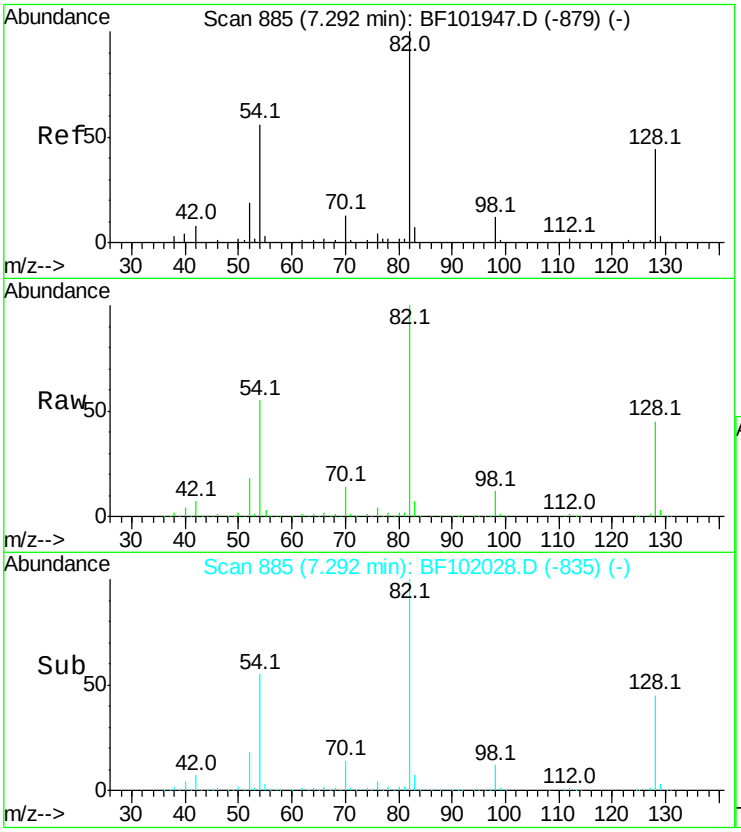


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion:136 Resp: 766053

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	5.4	5.0	7.4



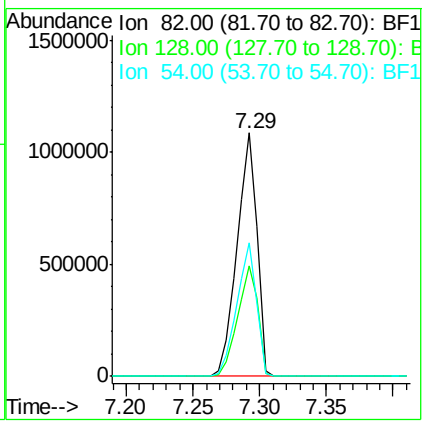


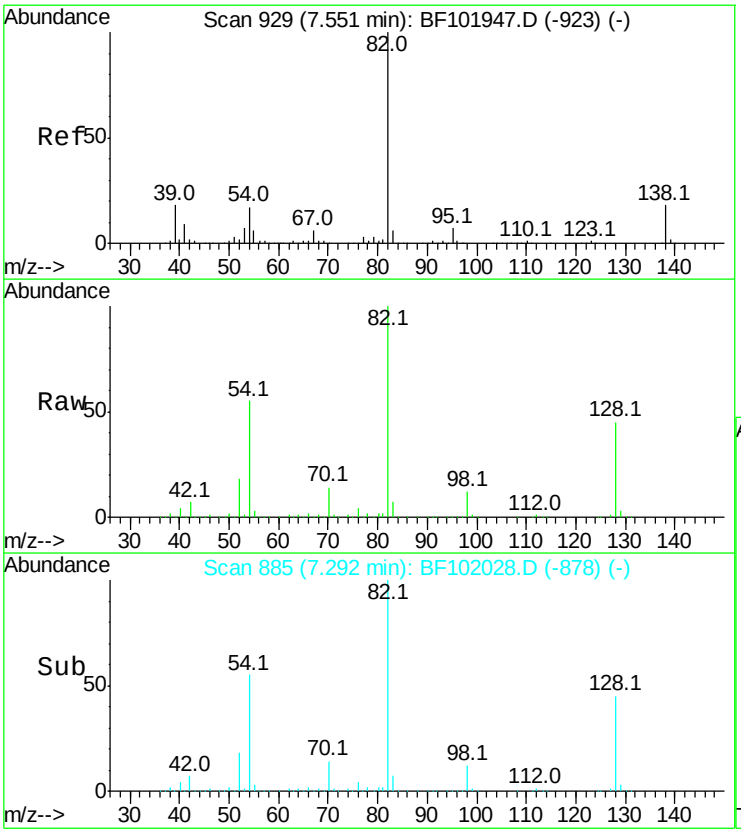
#23
Nitrobenzene-d5
Concen: 86.781 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion: 82 Resp: 1131282

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	54.7	41.4	62.2

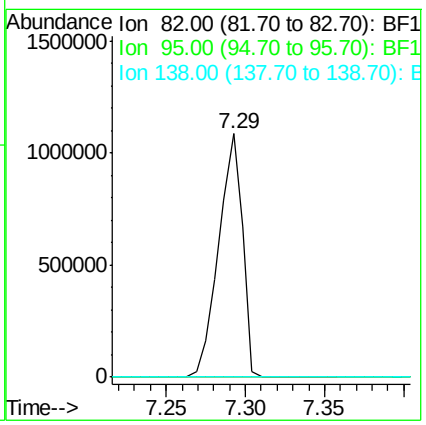


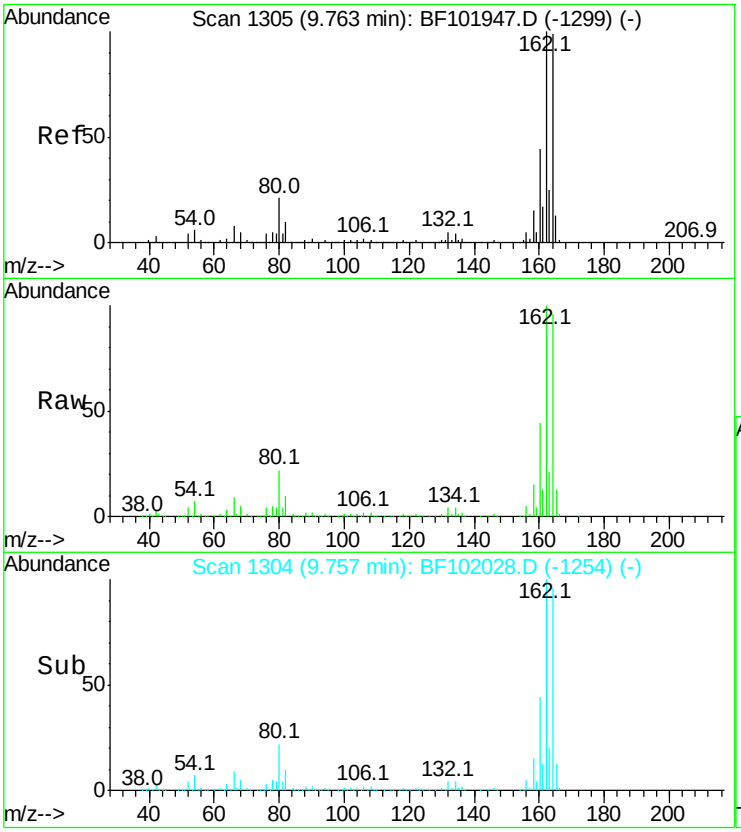


#25
Isophorone
Concen: 43.678 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion: 82 Resp: 1125064

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



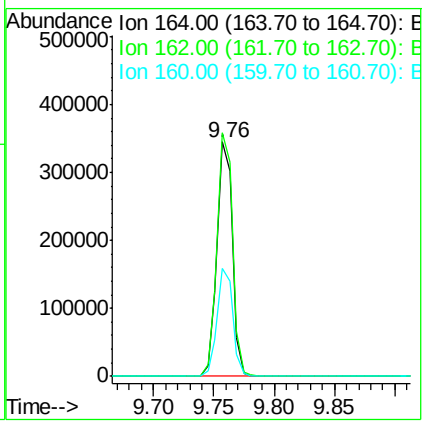


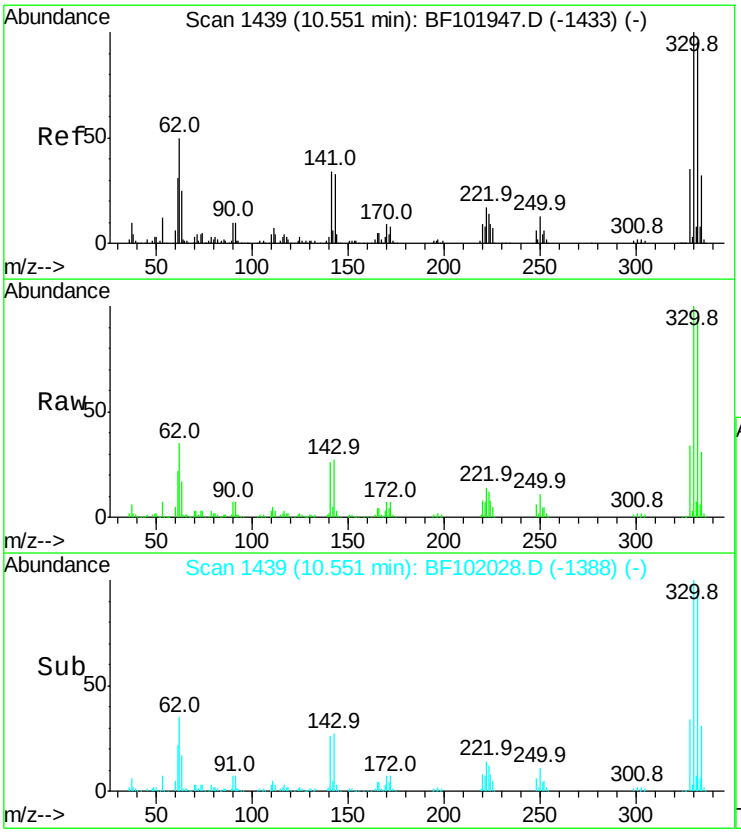
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion:164 Resp: 301402

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.9	38.3	57.5

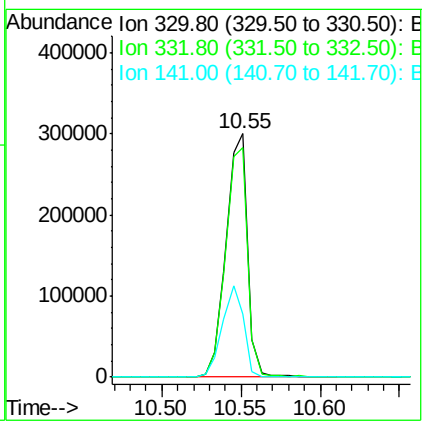


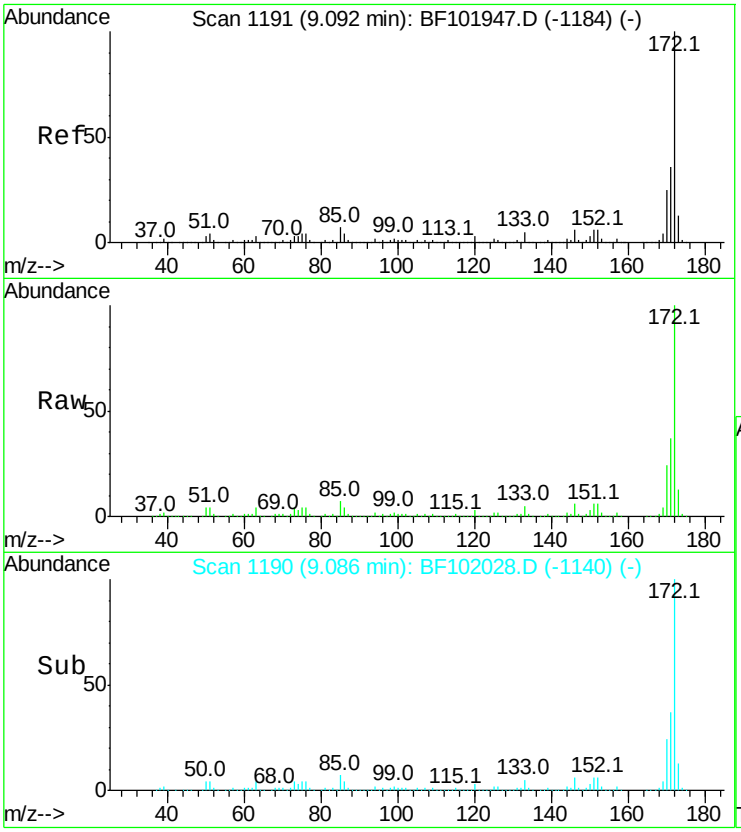


#41
2,4,6-Tribromophenol
Concen: 107.792 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion:330 Resp: 283526

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.6	29.9	44.9



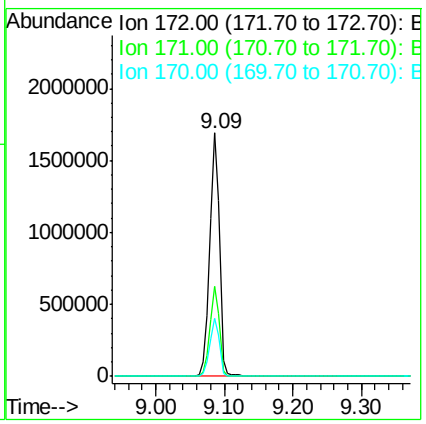


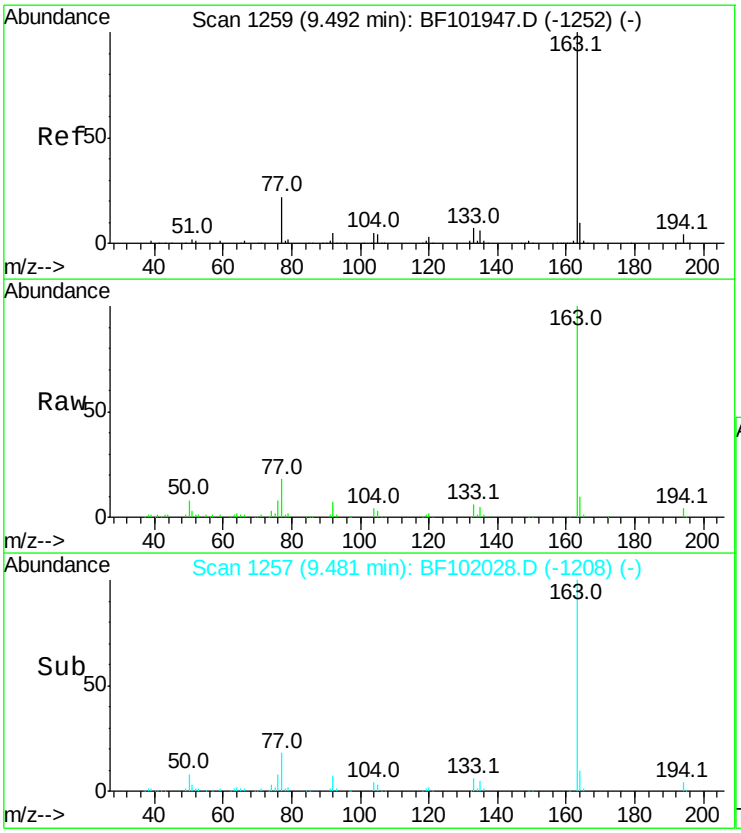
#44
2-Fluorobiphenyl
Concen: 87.048 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion:172 Resp: 1679380

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.0	19.6	29.4

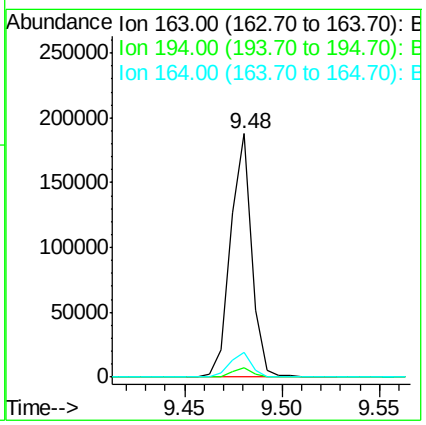


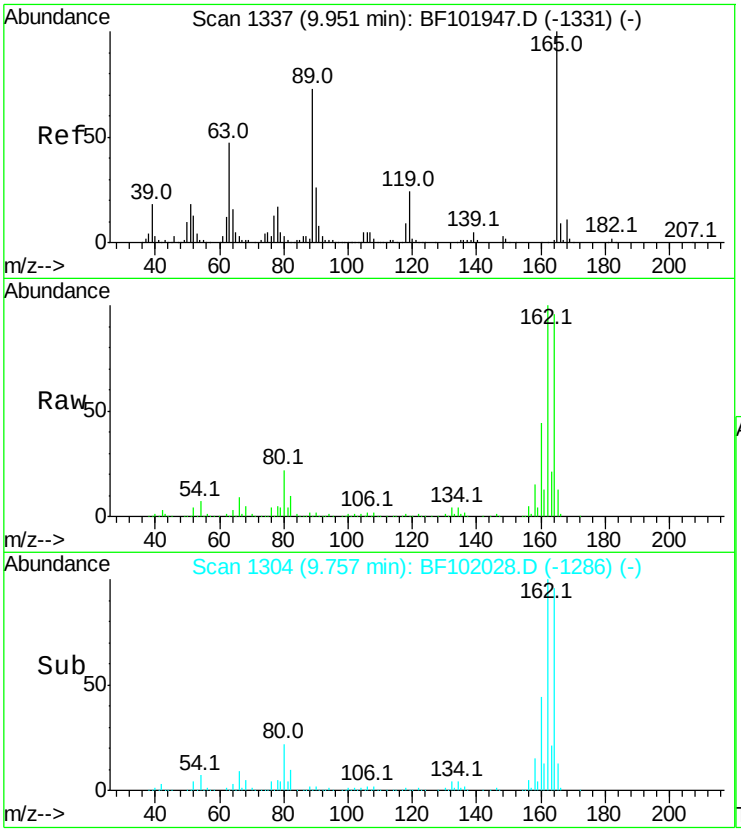


#49
Dimethylphthalate
Concen: 5.826 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion:163 Resp: 140864

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2



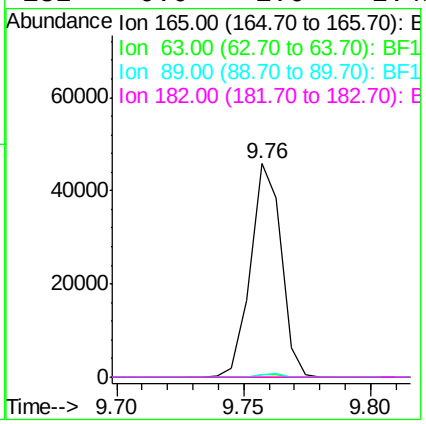


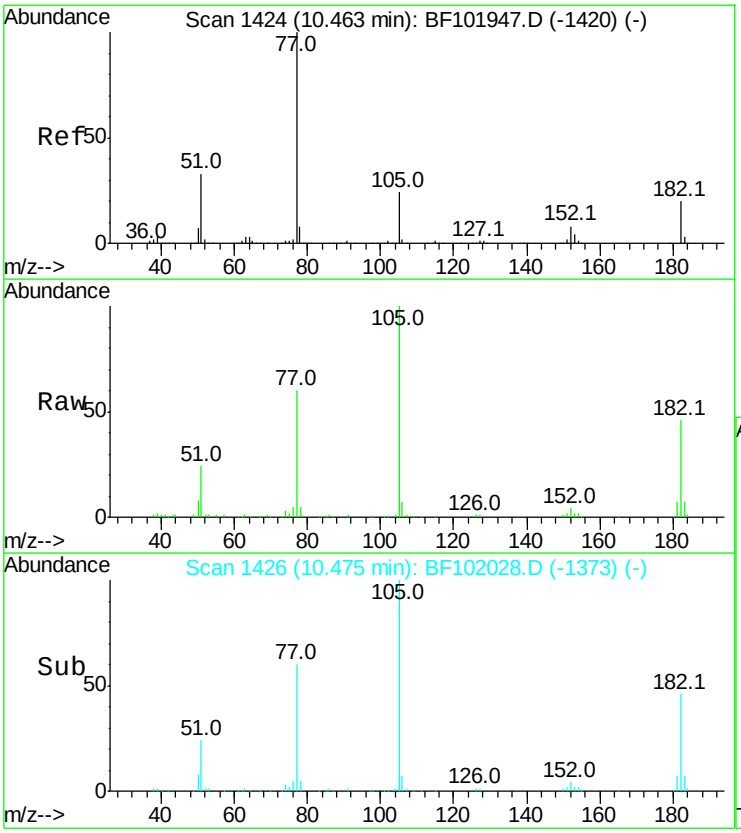
#56
2,4-Dinitrotoluene
Concen: 6.406 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion:165 Resp: 38776

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

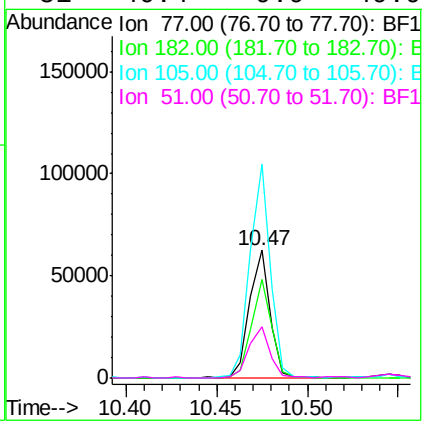


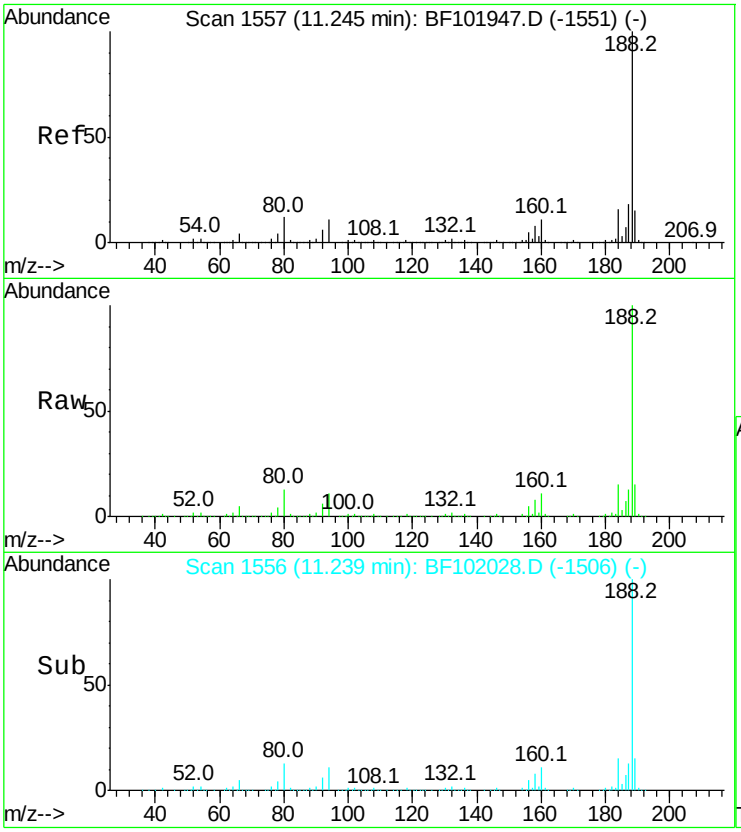


#62
Azobenzene
Concen: 2.064 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion: 77 Resp: 49400

Ion	Ratio	Lower	Upper
77	100		
182	77.0	1.7	41.7#
105	167.0	3.0	43.0#
51	40.4	9.9	49.9



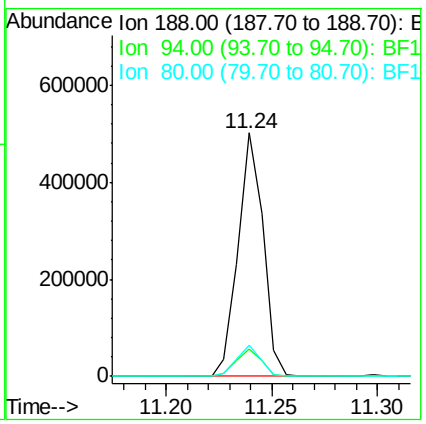


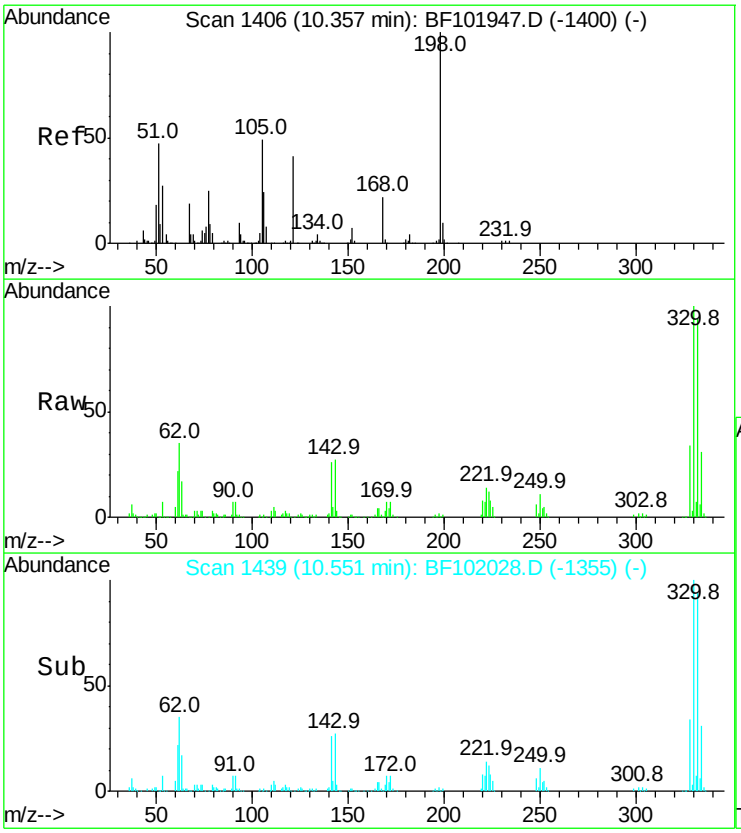
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion:188 Resp: 411419

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.9	9.2	13.8

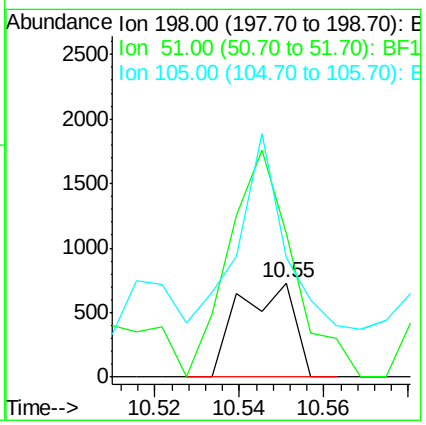


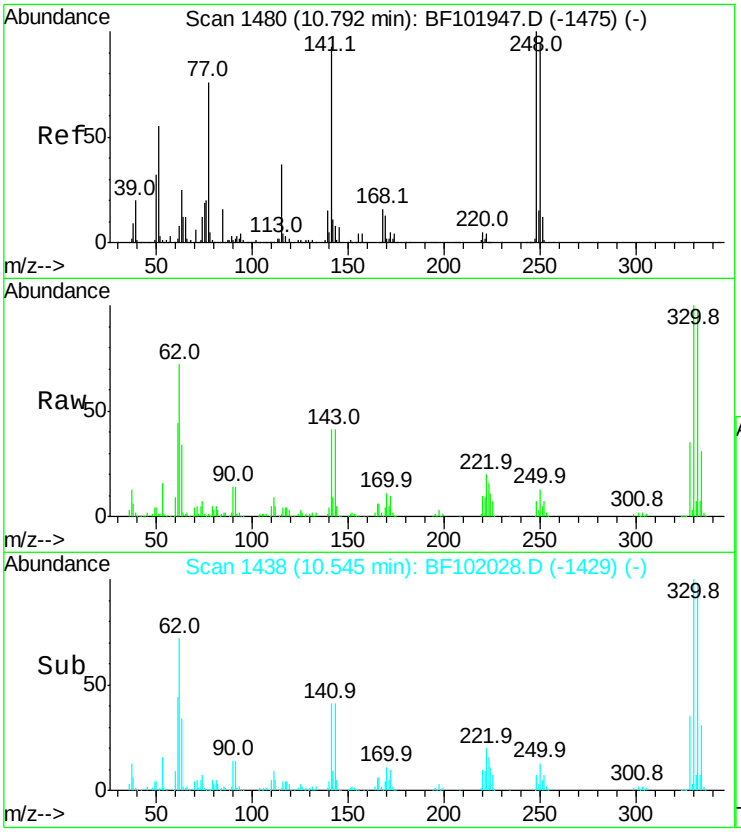


#64
4,6-Dinitro-2-methylphenol
Concen: 5.925 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion:198 Resp: 667

Ion	Ratio	Lower	Upper
198	100		
51	153.2	37.7	77.7#
105	127.9	36.3	76.3#



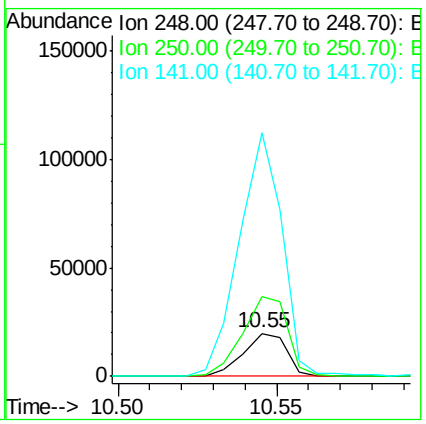


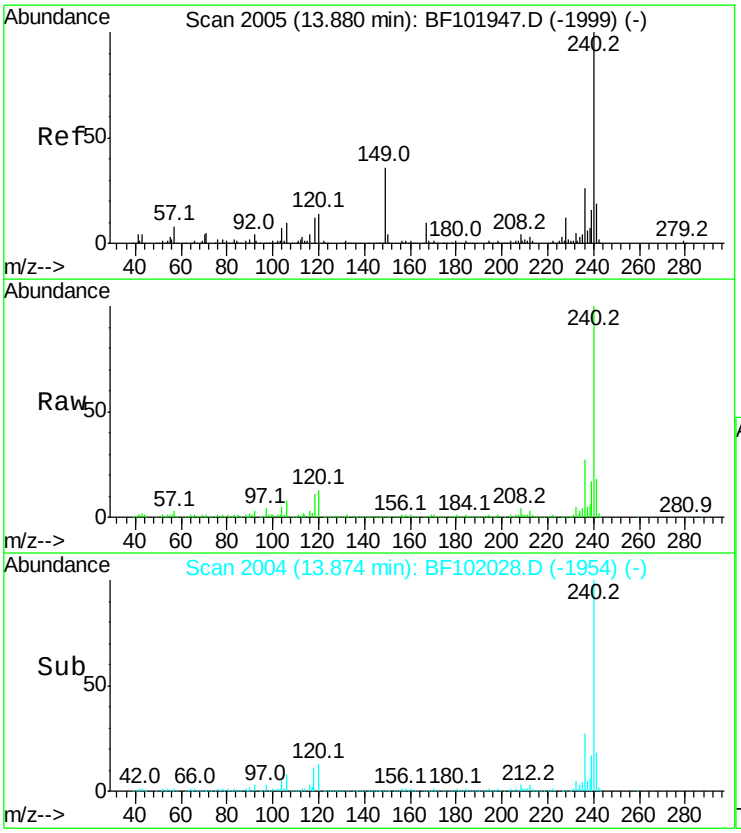
#66
4-Bromophenyl-phenylether
Concen: 4.300 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion:248 Resp: 18681

Ion	Ratio	Lower	Upper
248	100		
250	186.3	76.9	115.3#
141	570.0	74.4	111.6#

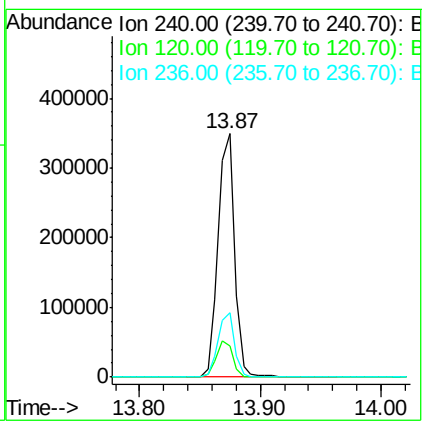


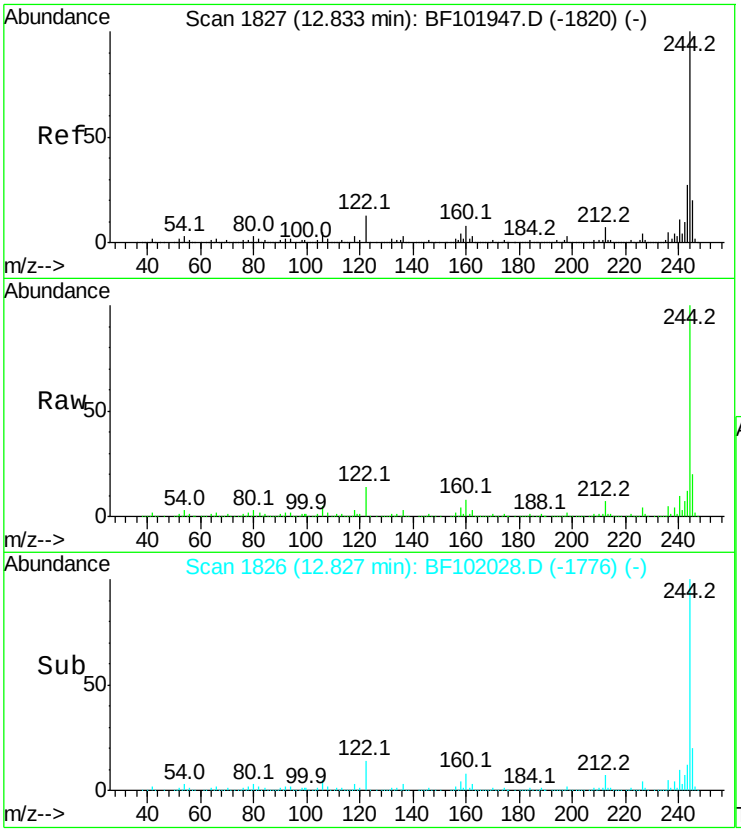


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion:240 Resp: 328324

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.6	20.7	31.1



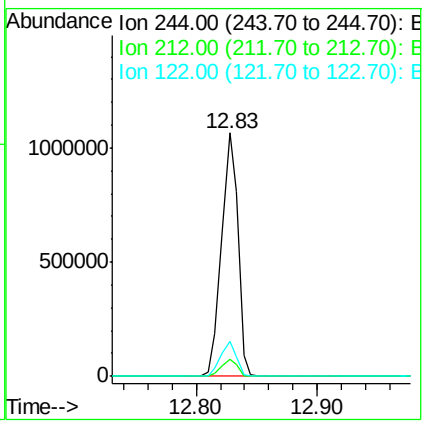


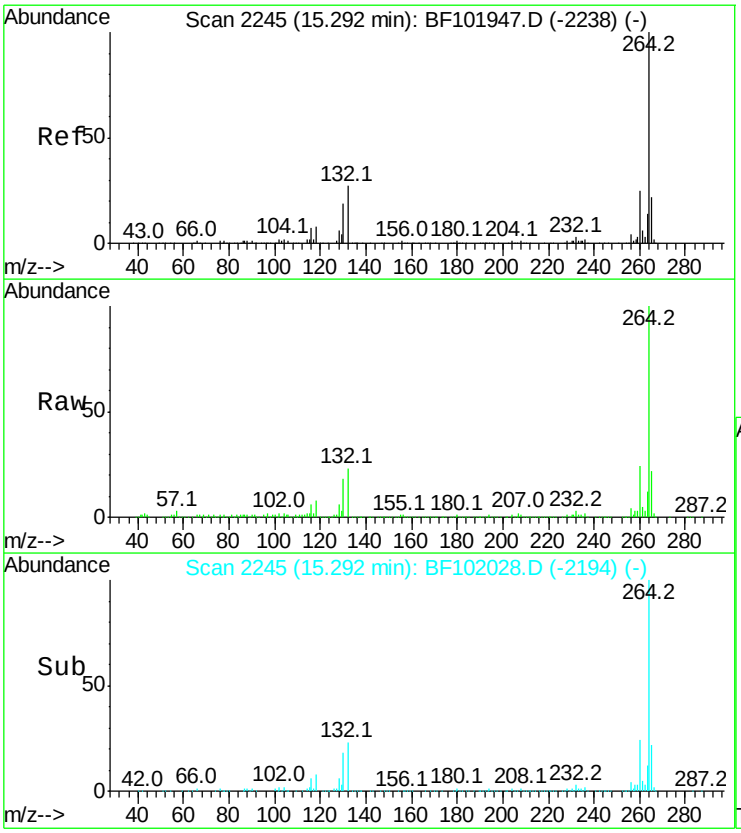
#78
Terphenyl-d14
Concen: 63.140 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion:244 Resp: 998446

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102028.D
Acq: 11 Jan 2018 19:40

Tgt Ion:264 Resp: 365655

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3