Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011618\
Data File : BF102144.D
Acq On : 17 Jan 2018 7:45
Operator : SJ/JU
Sample : J1114-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-27-2.0-2.5

Quant Time: Jan 17 09:52:25 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	6.72	152	144238	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	579337	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	245480	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	364920	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	260127	20.00	ng		-0.02
86) Perylene-d12	15.28	264	242803	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1319462	129.17	ng		0.01
7) Phenol-d6	6.36	99	1583531	129.94	ng		0.00
23) Nitrobenzene-d5	7.29	82	991197	100.54	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	292920	136.73	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1488112	94.71	ng		-0.01
78) Terphenyl-d14	12.82	244	972429	77.62	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	29937	3.538	ng		84
10) Phenol	6.37	94	40280	2.925	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	135776	17.001	ng	#	80
25) Isophorone	7.29	82	987508	50.694	ng	#	64
49) Dimethylphthalate	9.47	163	127299	6.464	ng	#	97
56) 2,4-Dinitrotoluene	9.75	165	30699	6.227	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.55	198	654	5.953	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	18648	4.839	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011618\
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Acq On : 17 Jan 2018 7:45
Operator : SJ/JU
Sample : J1114-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Quant Time: Jan 17 09:52:25 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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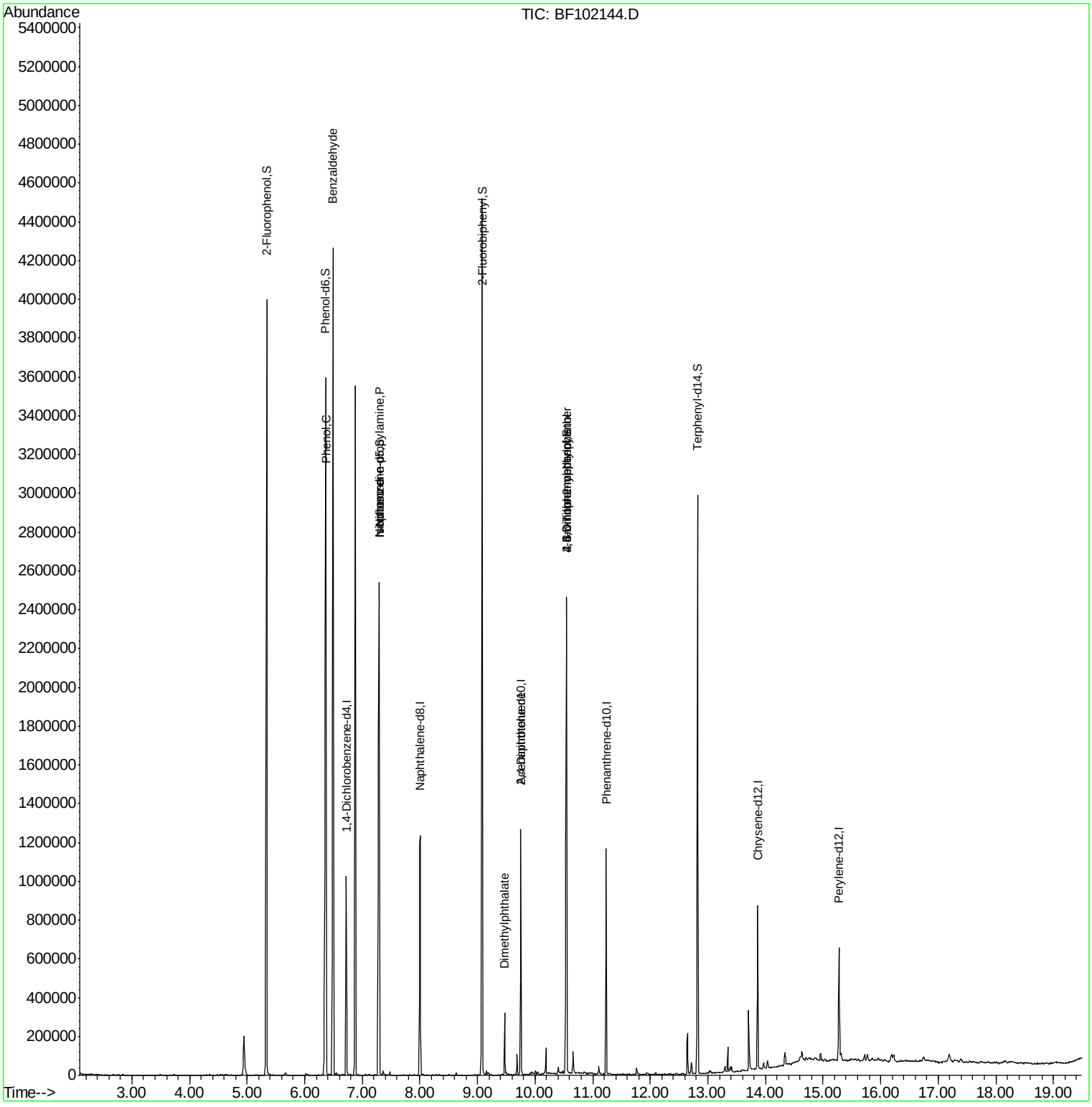
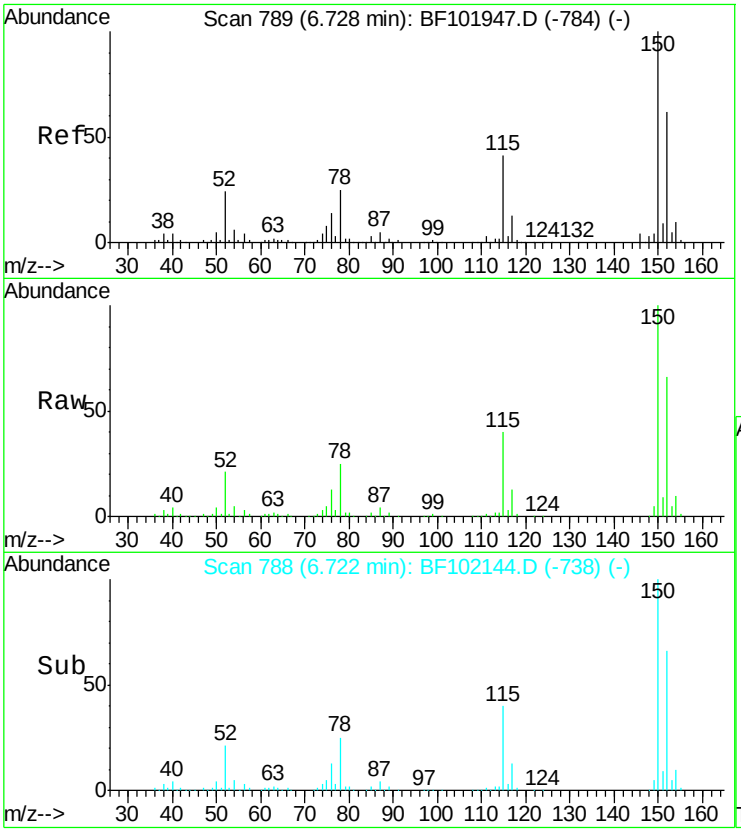


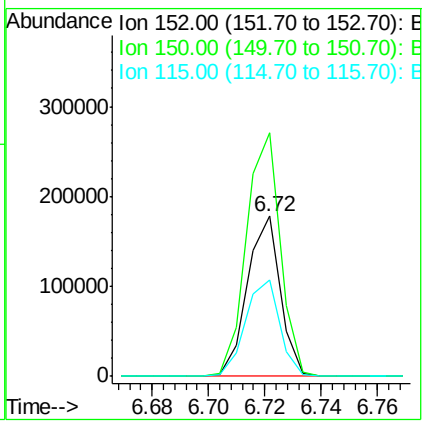


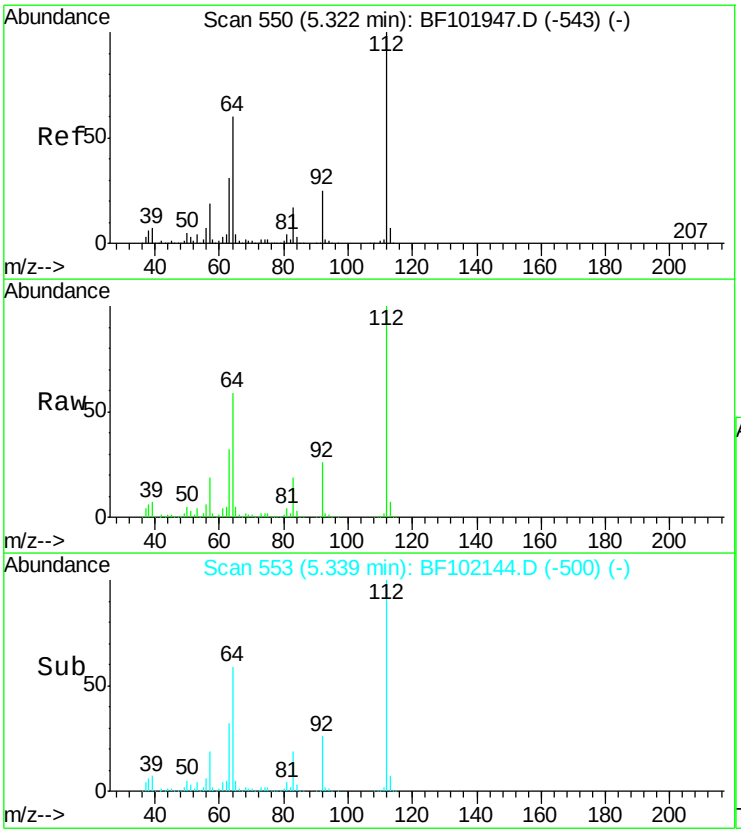
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion:152 Resp: 144238

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	60.4	50.1	75.1

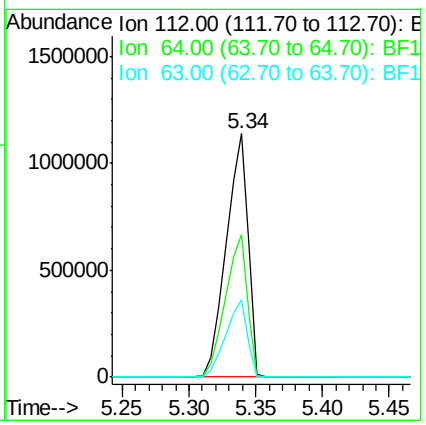


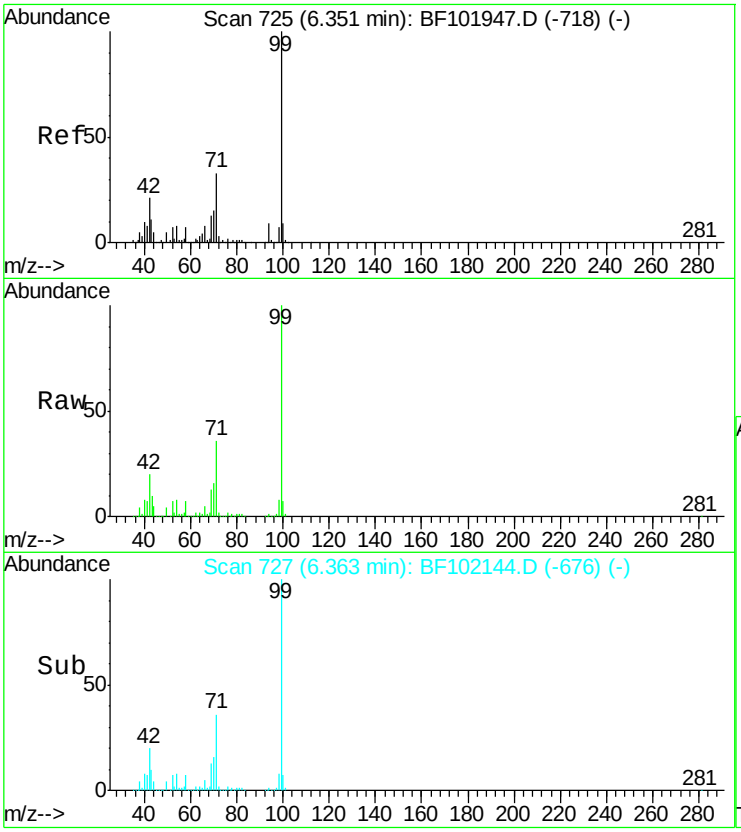


#5
2-Fluorophenol
Concen: 129.175 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion:112 Resp: 1319462

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.7	23.7	35.5



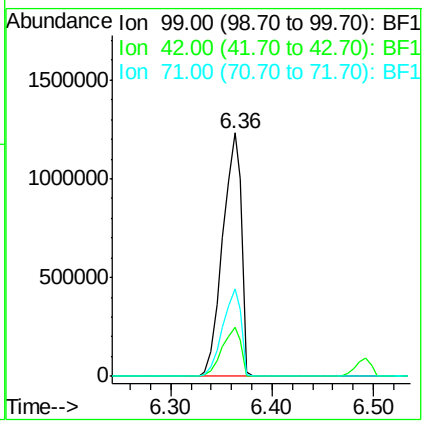


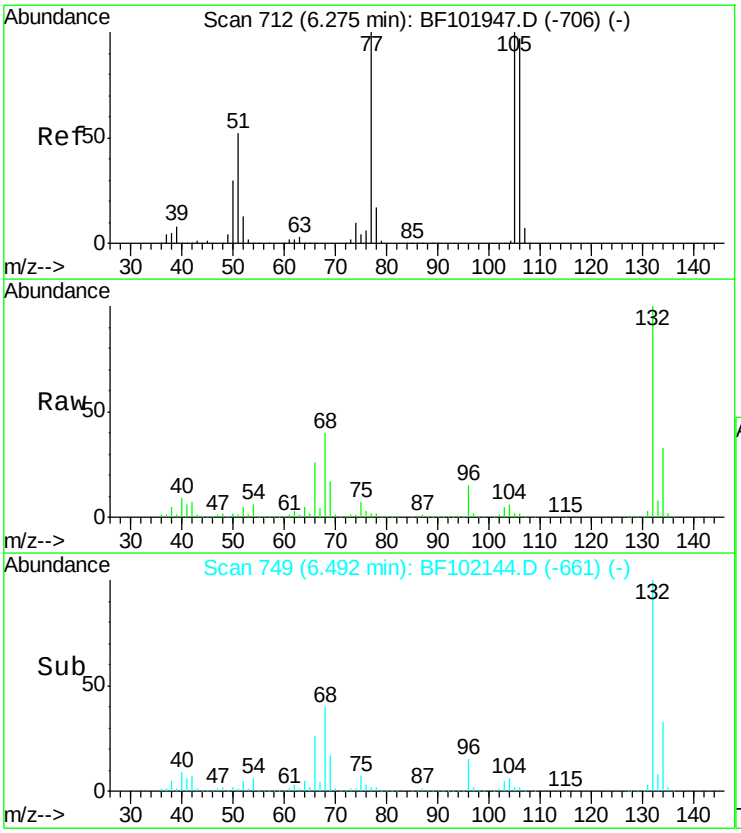
#7
Phenol-d6
Concen: 129.936 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion: 99 Resp: 1583531

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	36.2	25.4	38.0

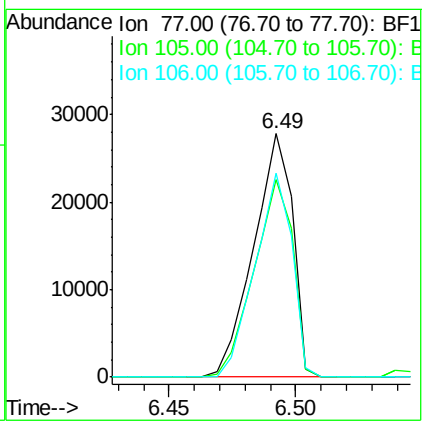


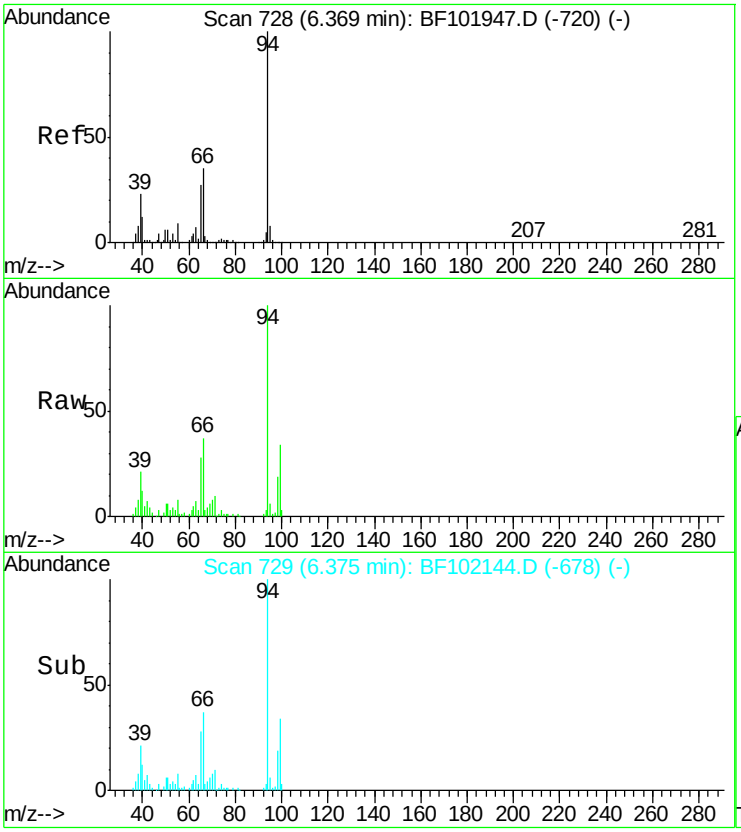


#9
Benzaldehyde
Concen: 3.538 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion: 77 Resp: 29937

Ion	Ratio	Lower	Upper
77	100		
105	81.1	81.1	121.1
106	83.7	74.5	114.5



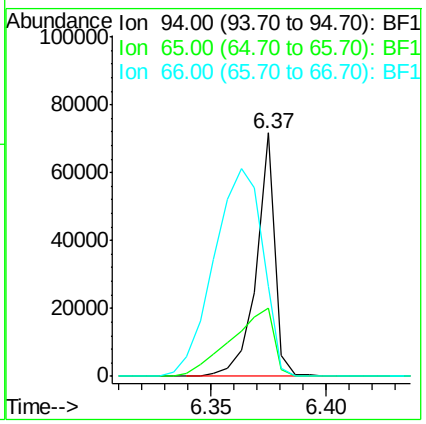


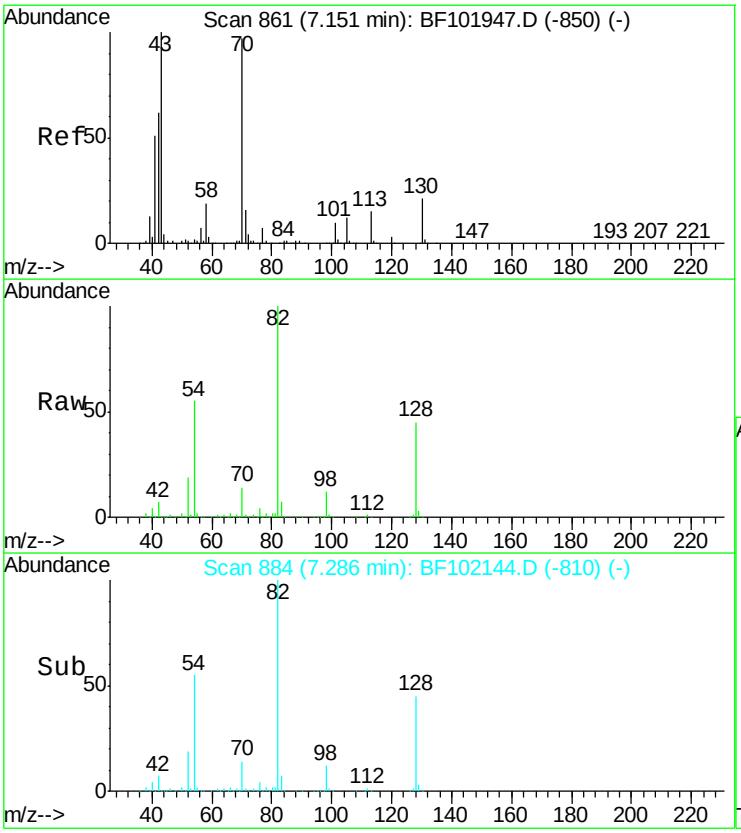
#10
Phenol
Concen: 2.925 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion: 94 Resp: 40280

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.9	16.2	56.2

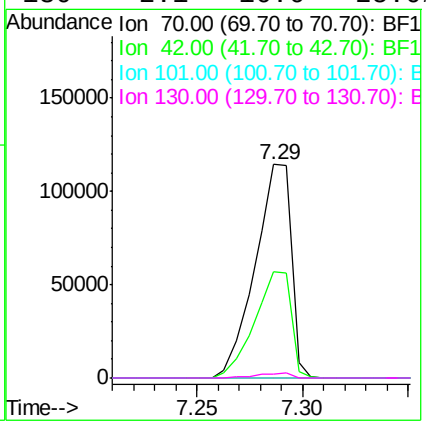


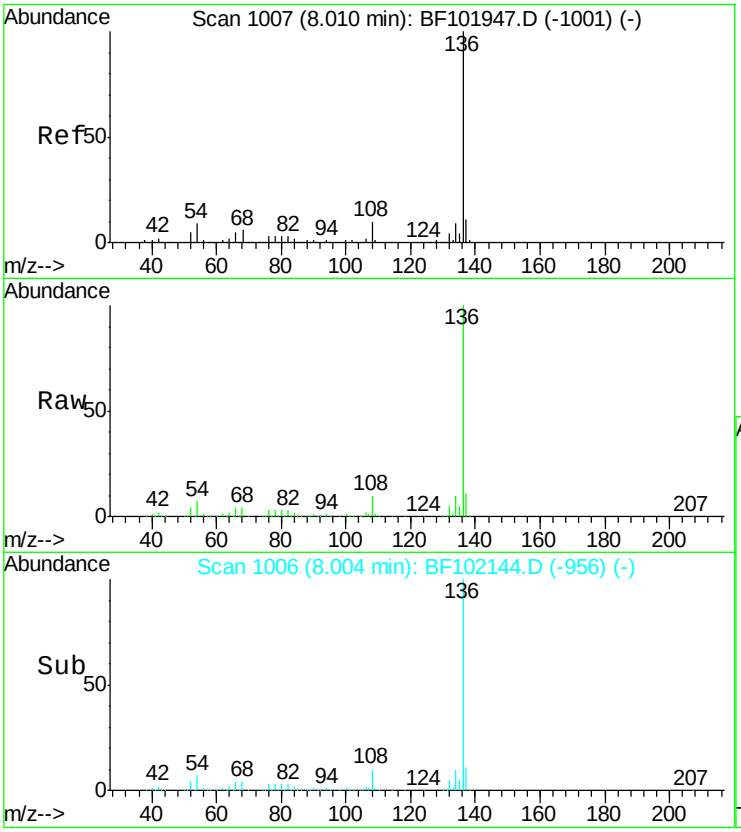


#19
n-Nitroso-di-n-propylamine
Concen: 17.001 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion: 70 Resp: 135776

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



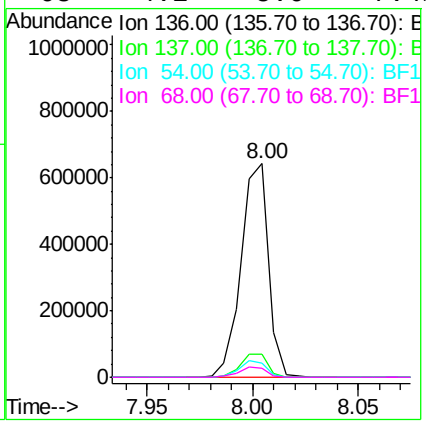


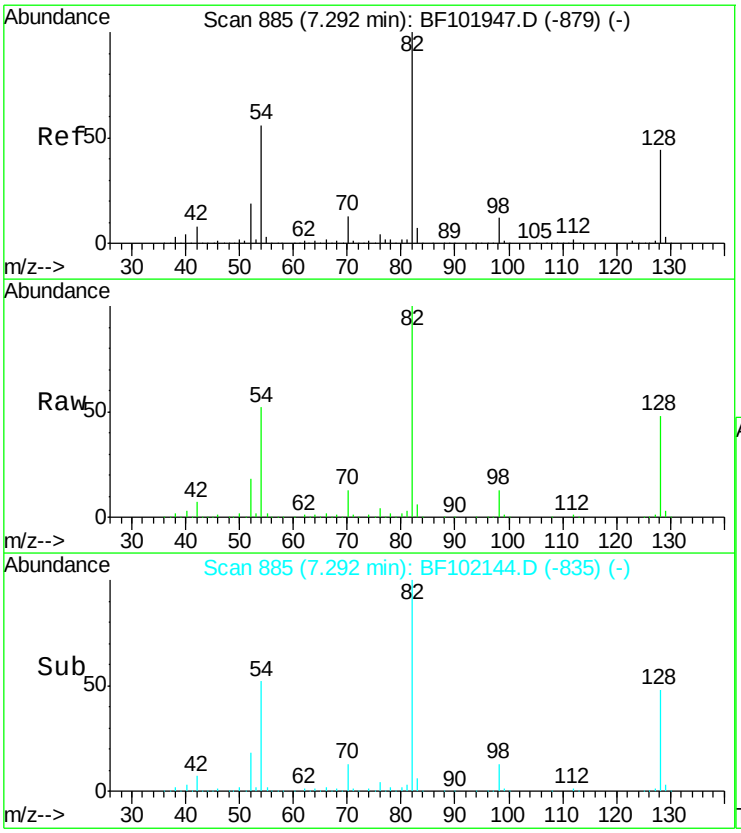
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion:136 Resp: 579337

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	4.2	5.0	7.4#

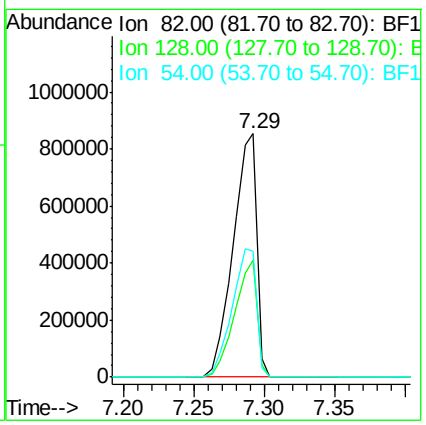


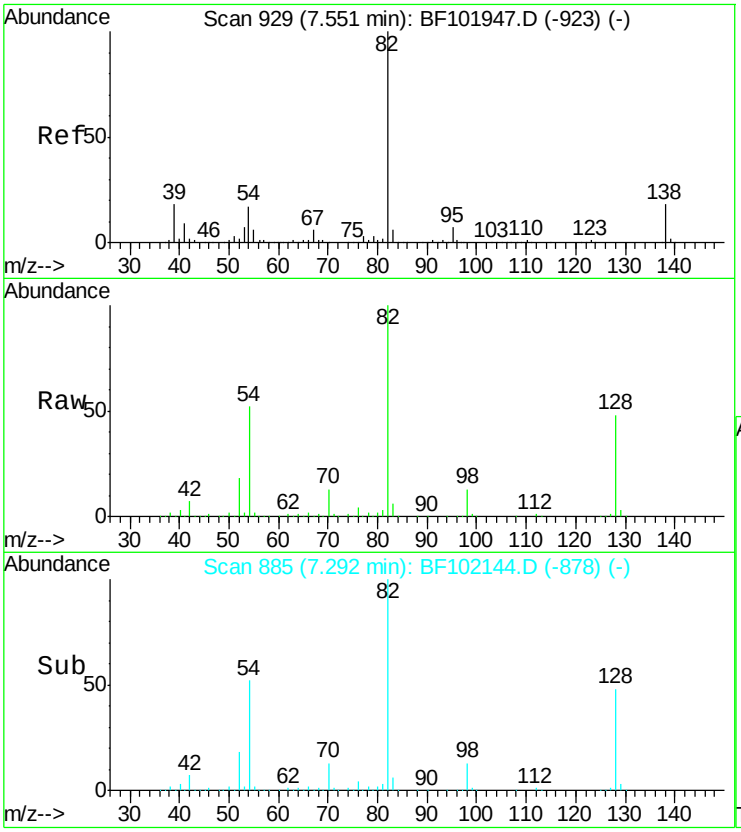


#23
Nitrobenzene-d5
Concen: 100.540 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion: 82 Resp: 991197

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	51.9	41.4	62.2



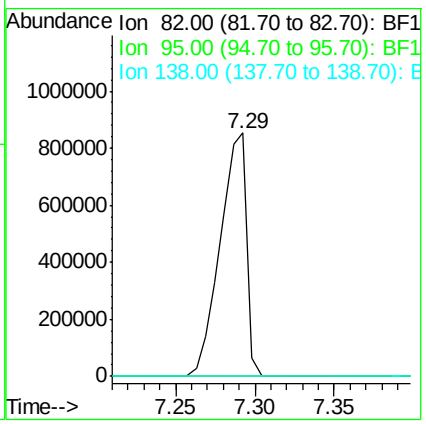


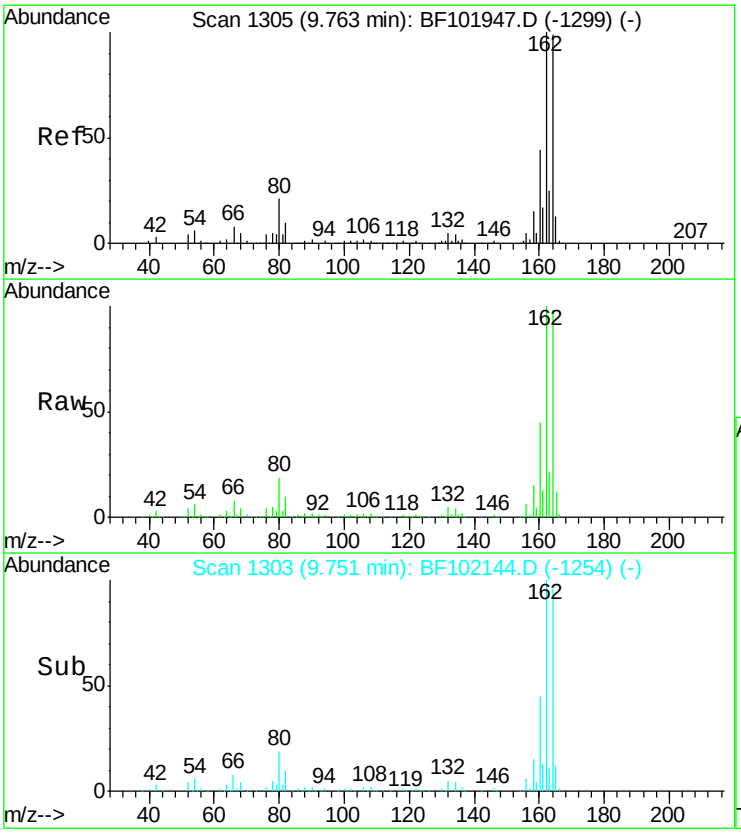
#25
Isophorone
Concen: 50.694 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion: 82 Resp: 987508

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

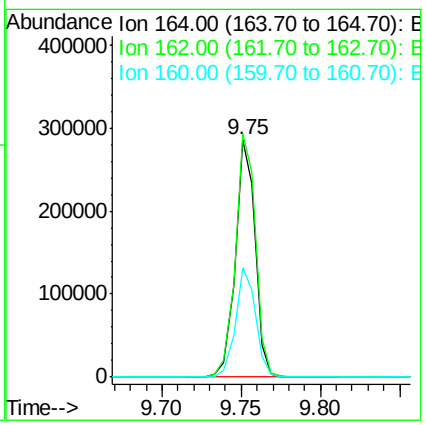


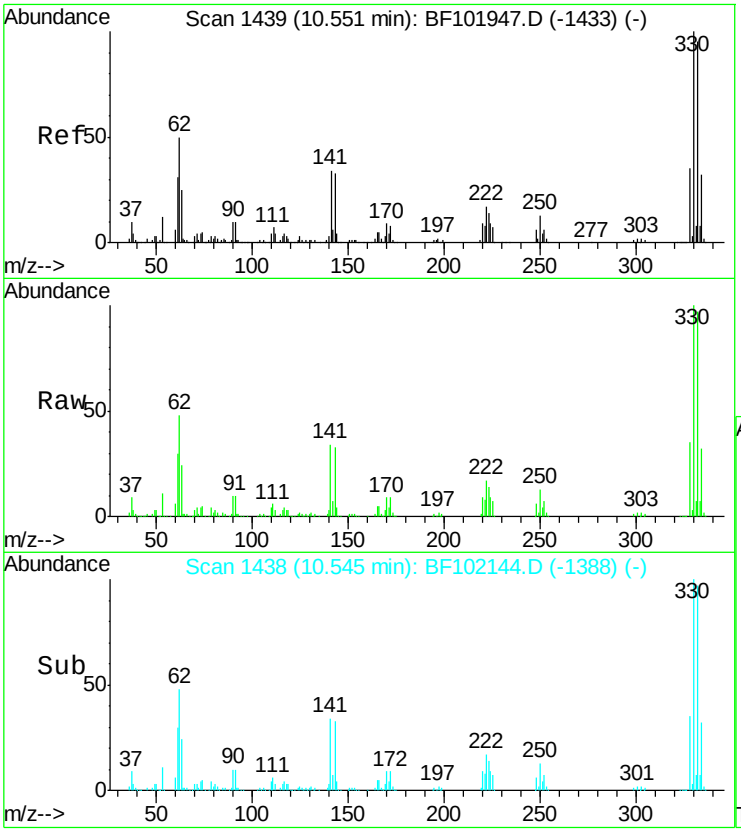


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion:164 Resp: 245480

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.8	38.3	57.5



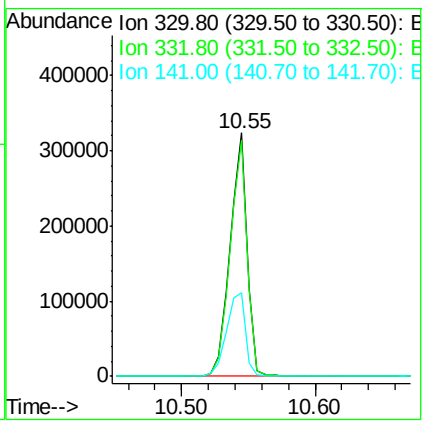


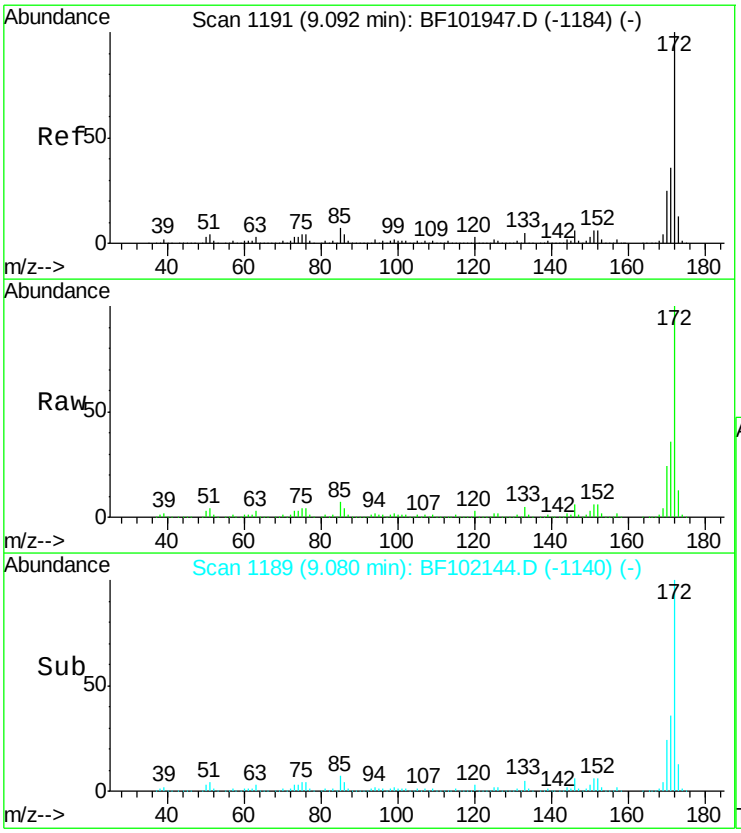
#41
2,4,6-Tribromophenol
Concen: 136.733 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion:330 Resp: 292920

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	38.5	29.9	44.9

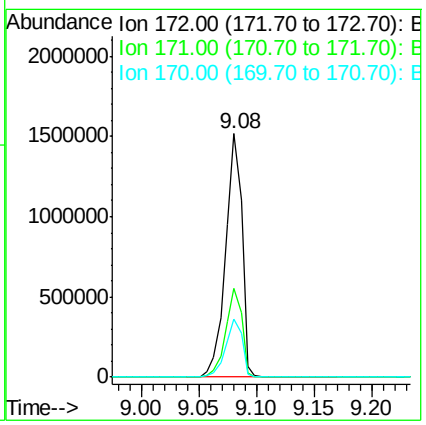


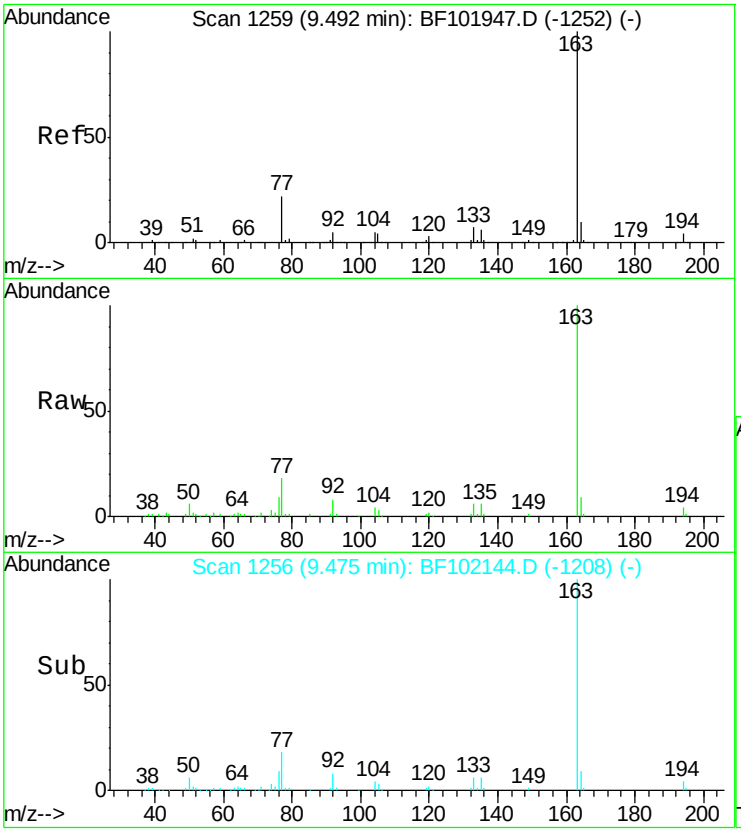


#44
2-Fluorobiphenyl
Concen: 94.706 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion:172 Resp: 1488112

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4



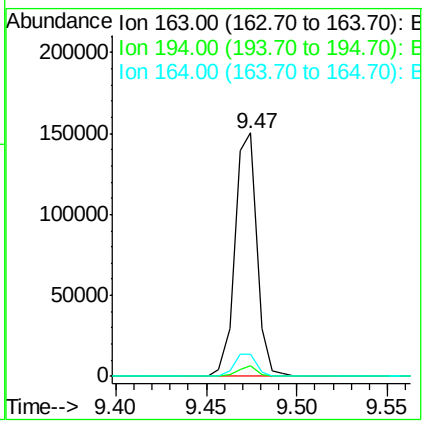


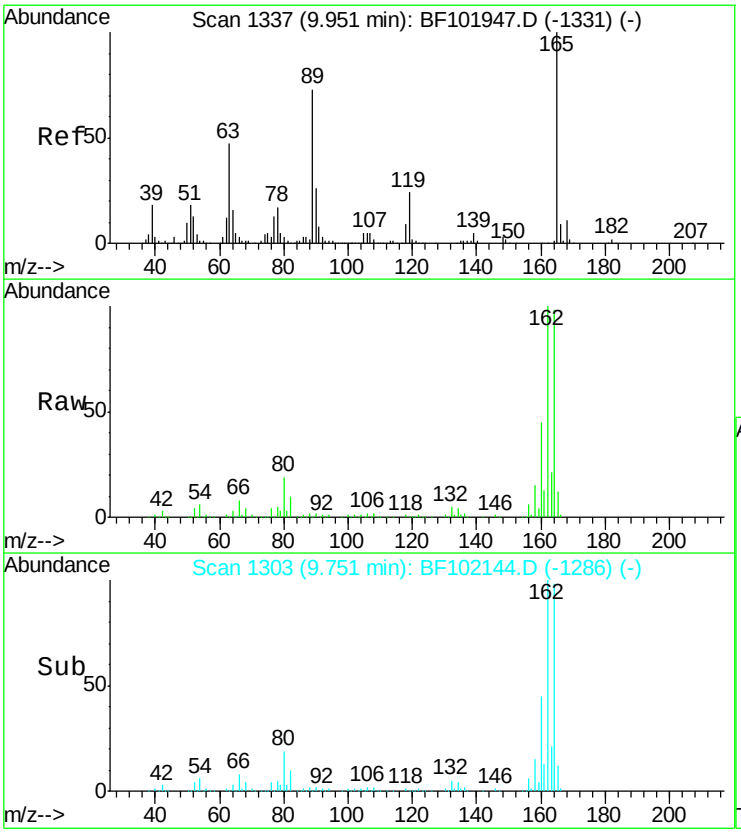
#49
Dimethylphthalate
Concen: 6.464 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion:163 Resp: 127299

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	8.9	8.2	12.2

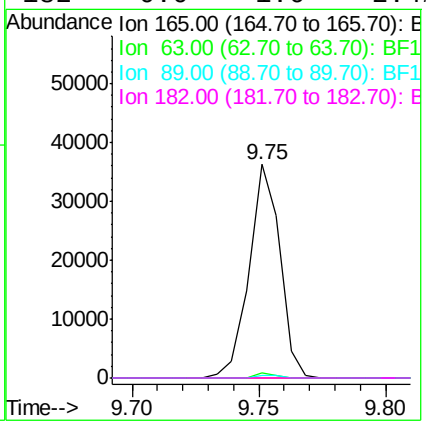


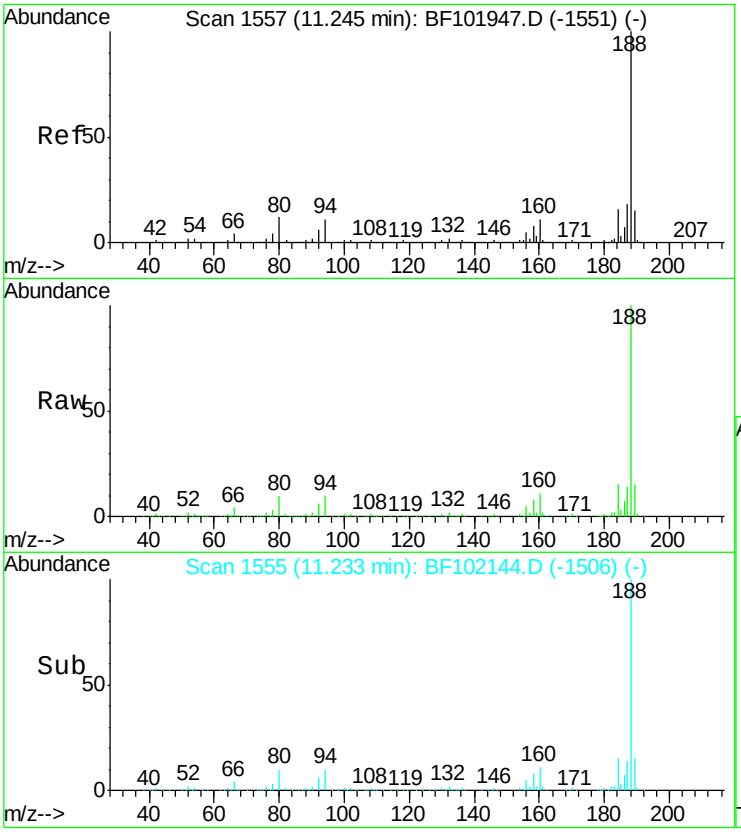


#56
2,4-Dinitrotoluene
Concen: 6.227 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion:165 Resp: 30699

Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



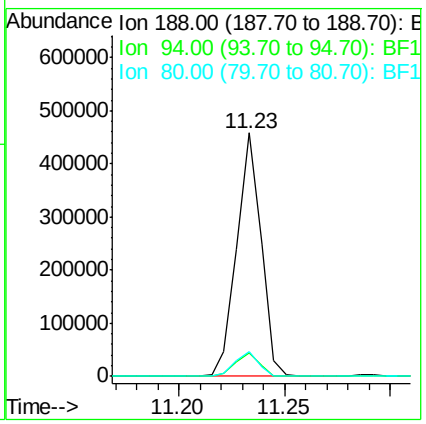


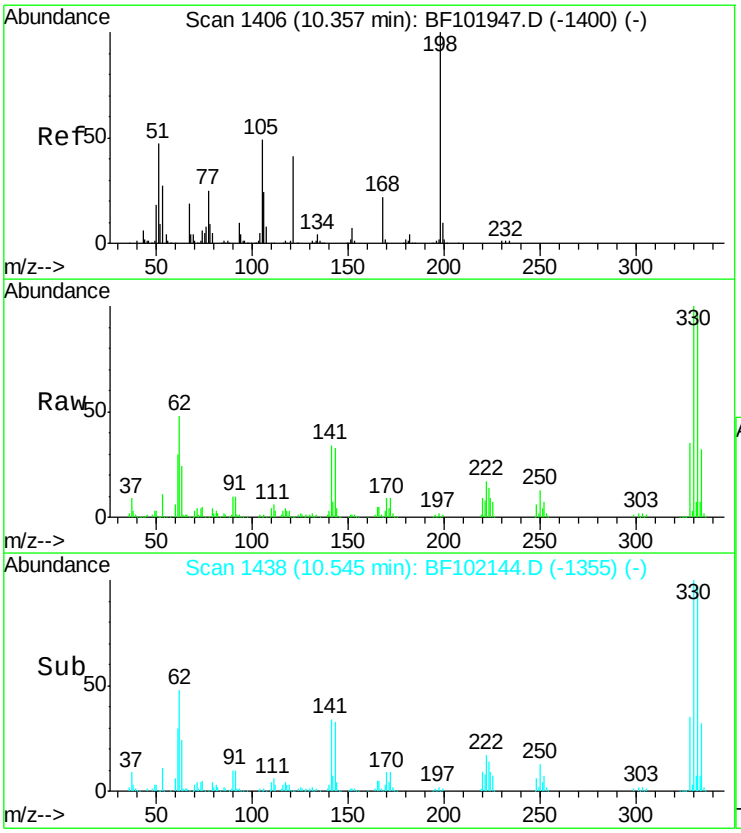
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion:188 Resp: 364920

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

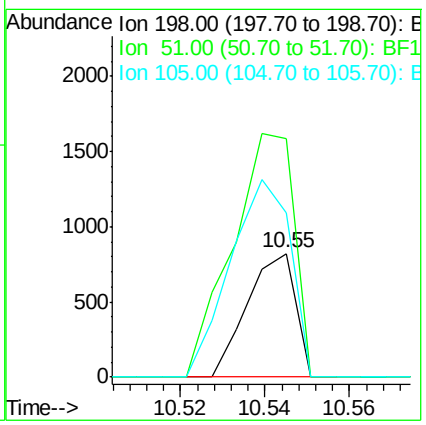


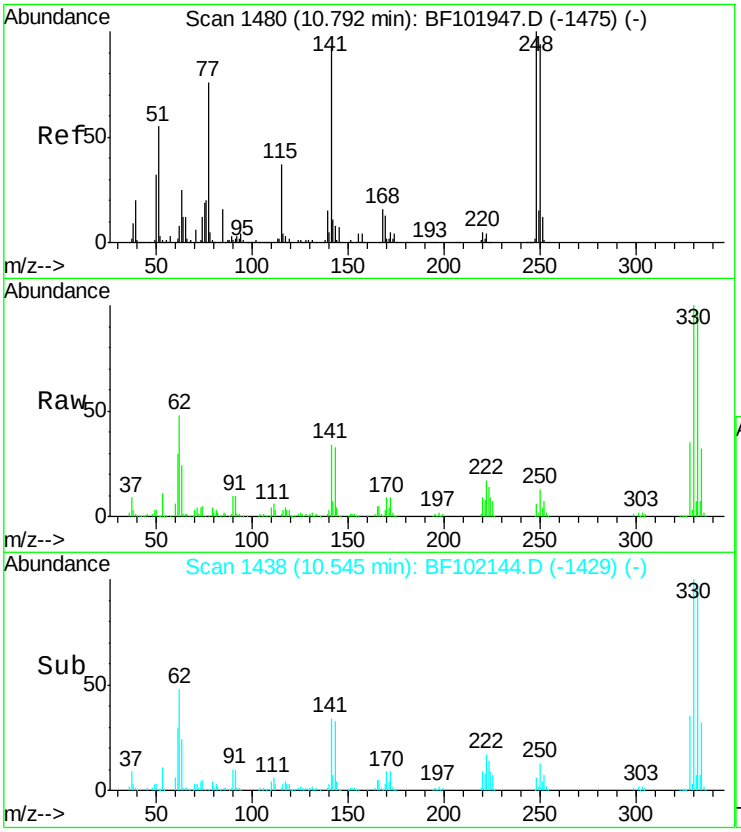


#64
4,6-Dinitro-2-methylphenol
Concen: 5.953 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion:198 Resp: 654

Ion	Ratio	Lower	Upper
198	100		
51	192.9	37.7	77.7#
105	132.6	36.3	76.3#



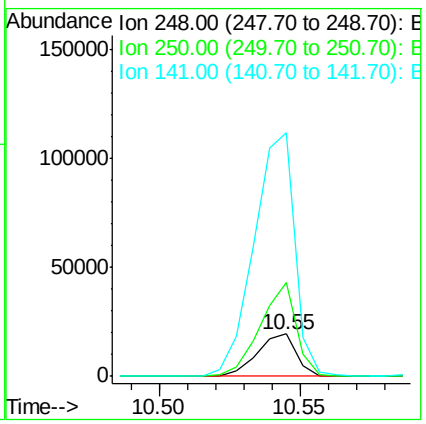


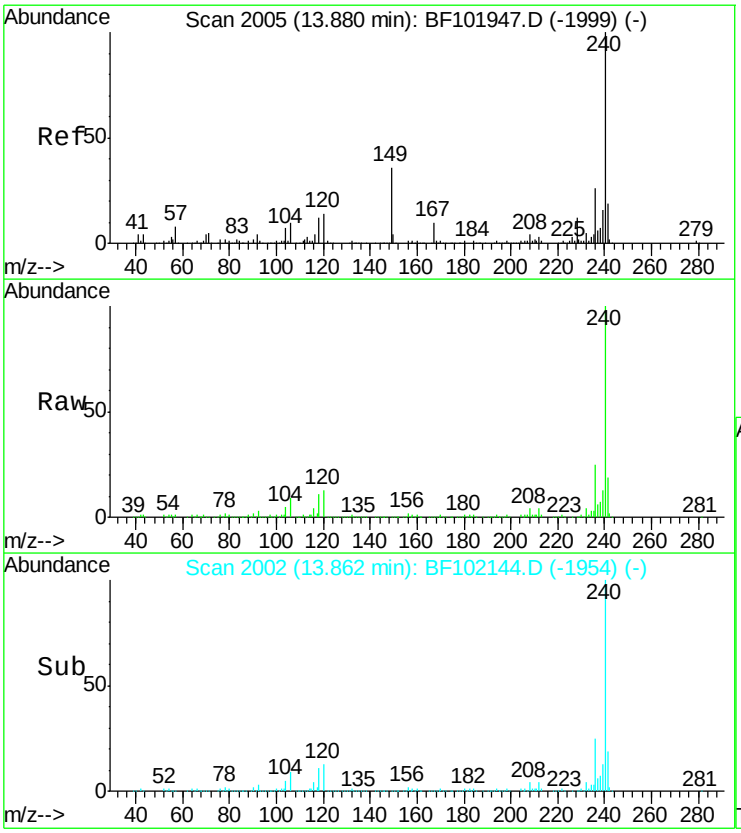
#66
4-Bromophenyl-phenylether
Concen: 4.839 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion:248 Resp: 18648

Ion	Ratio	Lower	Upper
248	100		
250	224.1	76.9	115.3#
141	578.7	74.4	111.6#

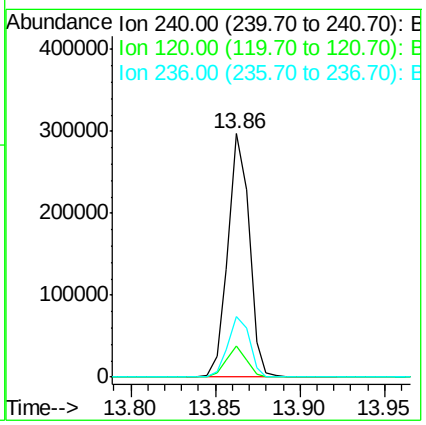


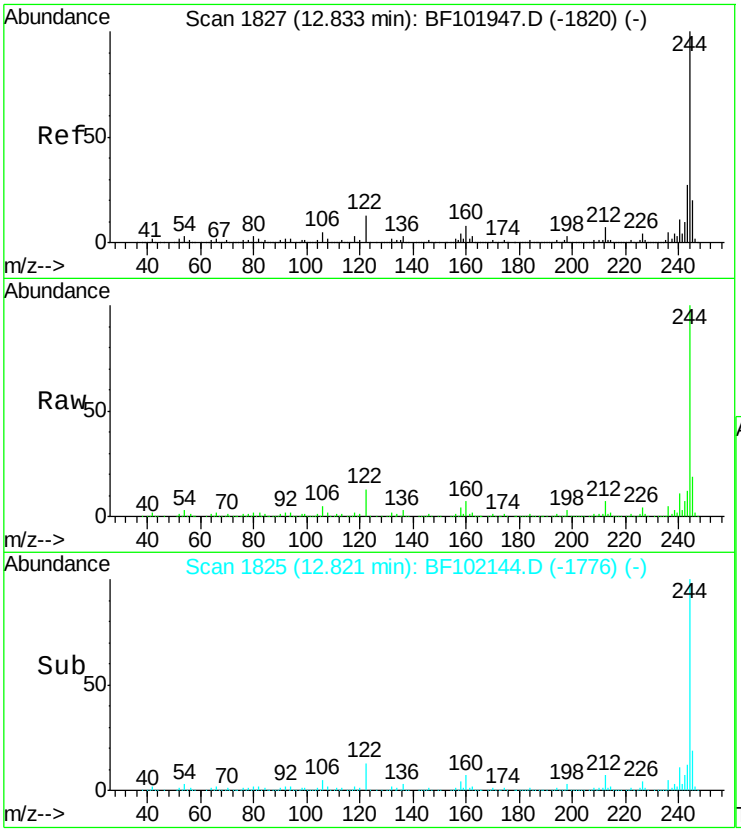


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion:240 Resp: 260127

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.0	20.7	31.1



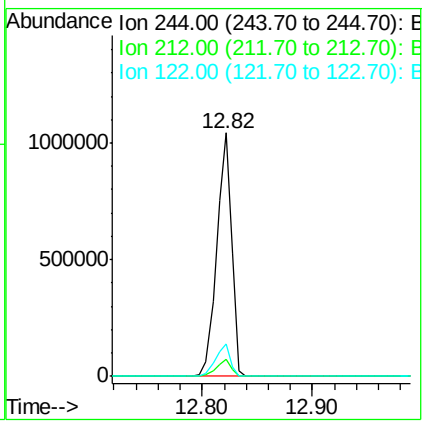


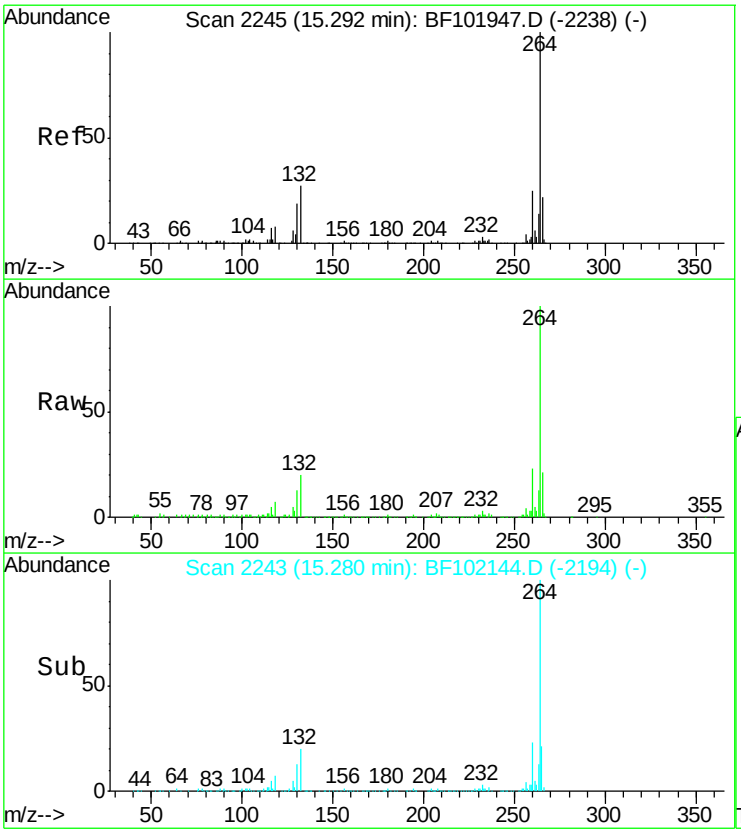
#78
Terphenyl-d14
Concen: 77.617 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Instrument :
BNA_F
ClientSampleId :
SB-27-2.0-2.5

Tgt Ion:244 Resp: 972429

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion:264 Resp: 242803

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	17.5	26.3