Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102164.D
Acq On : 17 Jan 2018 21:41
Operator : SJ/JU
Sample : J1167-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 18 01:11:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138572	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	534722	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	210144	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	276781	20.00	ng		0.00
75) Chrysene-d12	13.86	240	241447	20.00	ng		-0.01
86) Perylene-d12	15.28	264	250268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	750522	76.48	ng		0.01
7) Phenol-d6	6.36	99	870476	74.35	ng		0.00
23) Nitrobenzene-d5	7.29	82	540861	59.44	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	139724	76.19	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	879098	65.35	ng		0.00
78) Terphenyl-d14	12.82	244	525958	45.23	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.37	94	37907	2.865	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	70254	9.156	ng	#	79
25) Isophorone	7.29	82	538334	29.941	ng	#	64
49) Dimethylphthalate	9.47	163	127801	7.581	ng		98
56) 2,4-Dinitrotoluene	9.75	165	27487	6.513	ng	#	23
62) Azobenzene	10.47	77	74963	4.493	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.54	198	178	5.767	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	9316	3.187	ng	#	1

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

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Misc :
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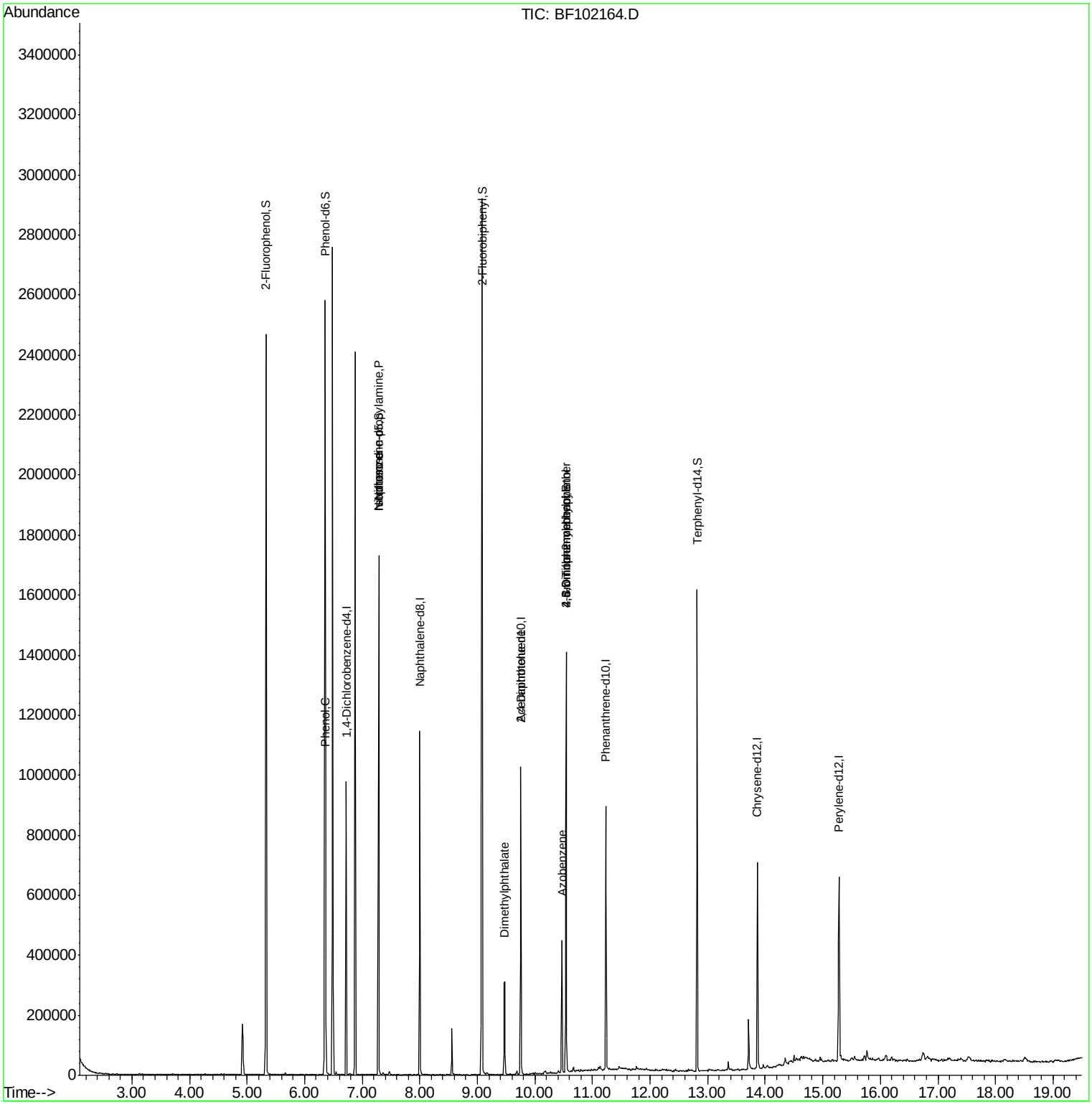
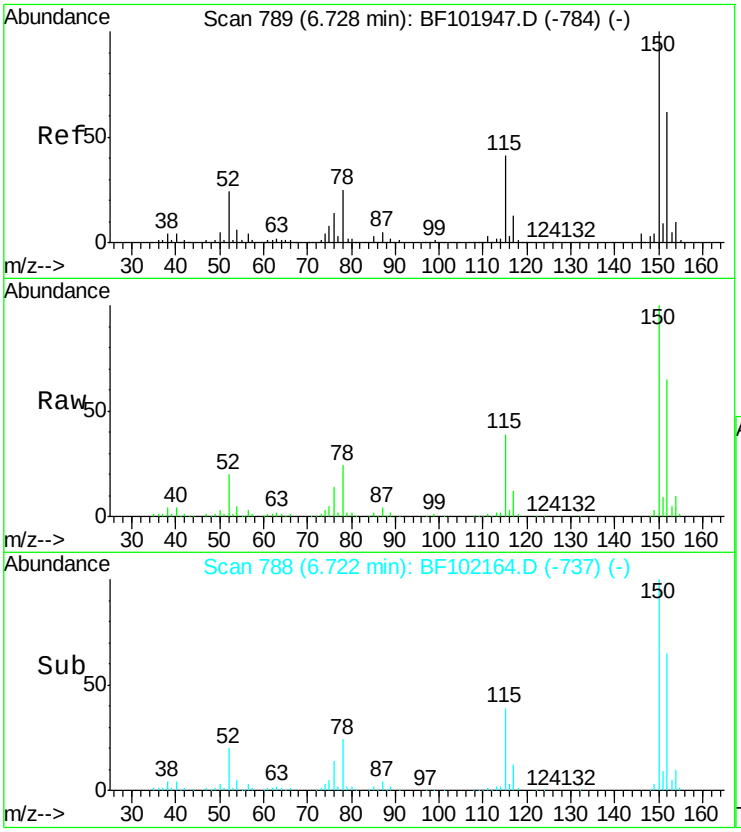


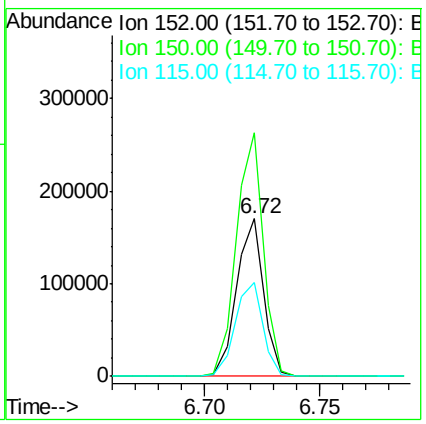


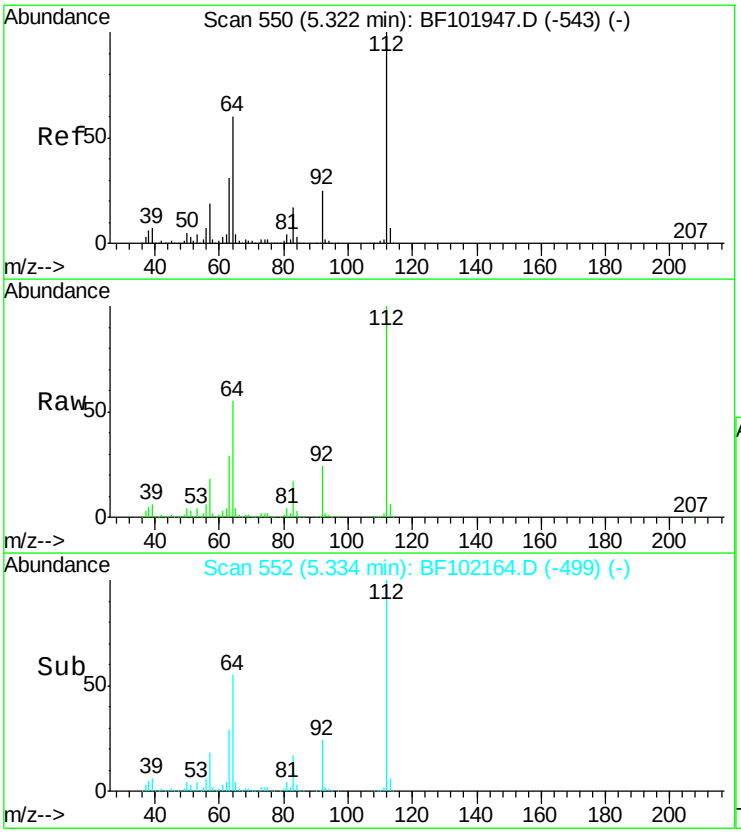
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138572

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	59.6	50.1	75.1

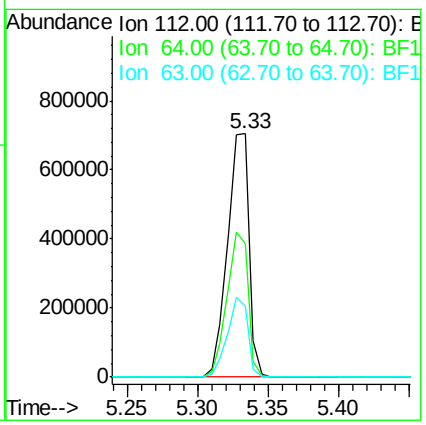


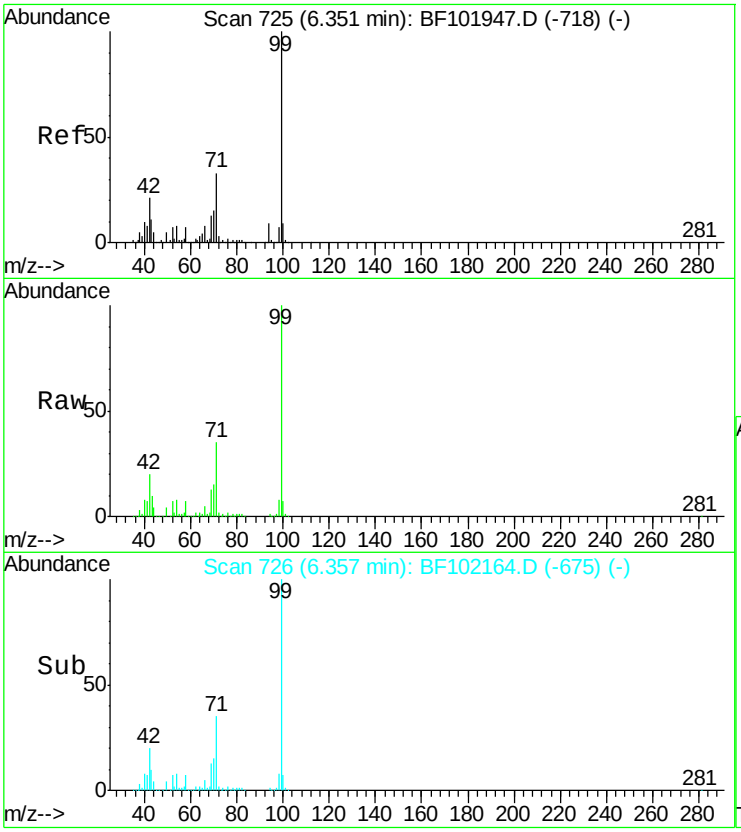


#5
2-Fluorophenol
Concen: 76.480 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion:112 Resp: 750522

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	28.9	23.7	35.5



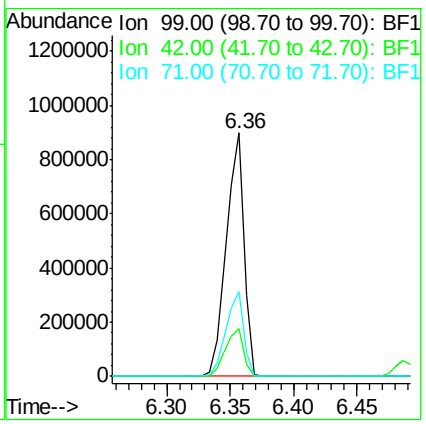


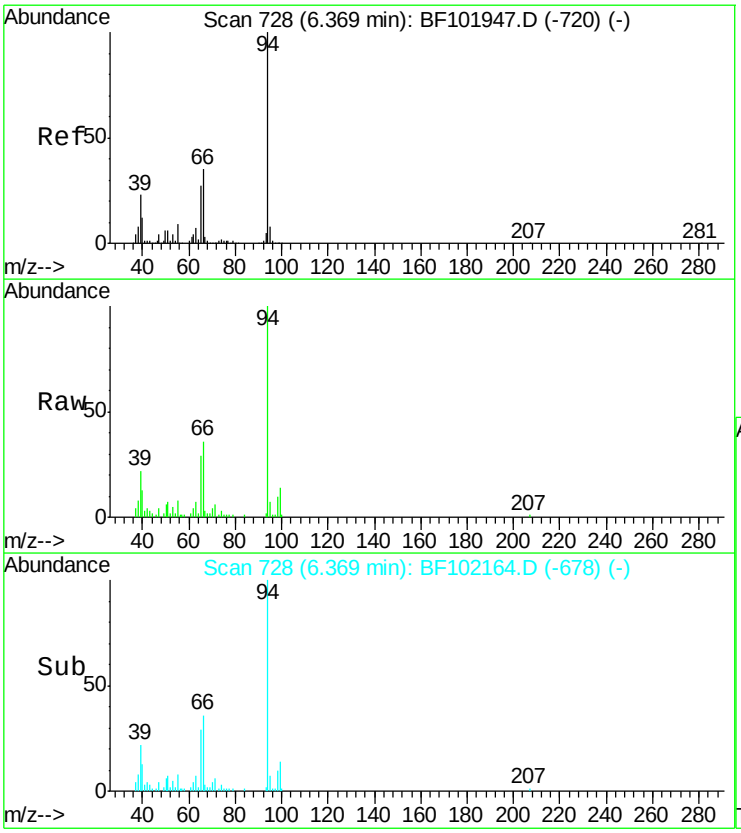
#7
Phenol-d6
Concen: 74.347 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 870476

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.8	25.4	38.0

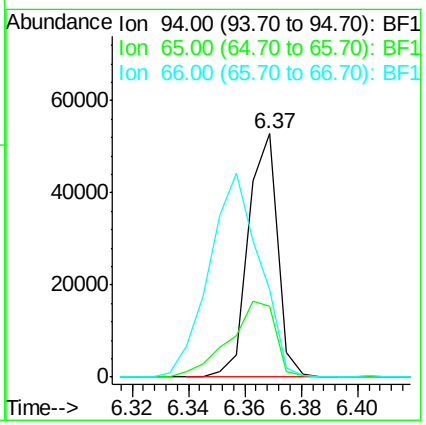


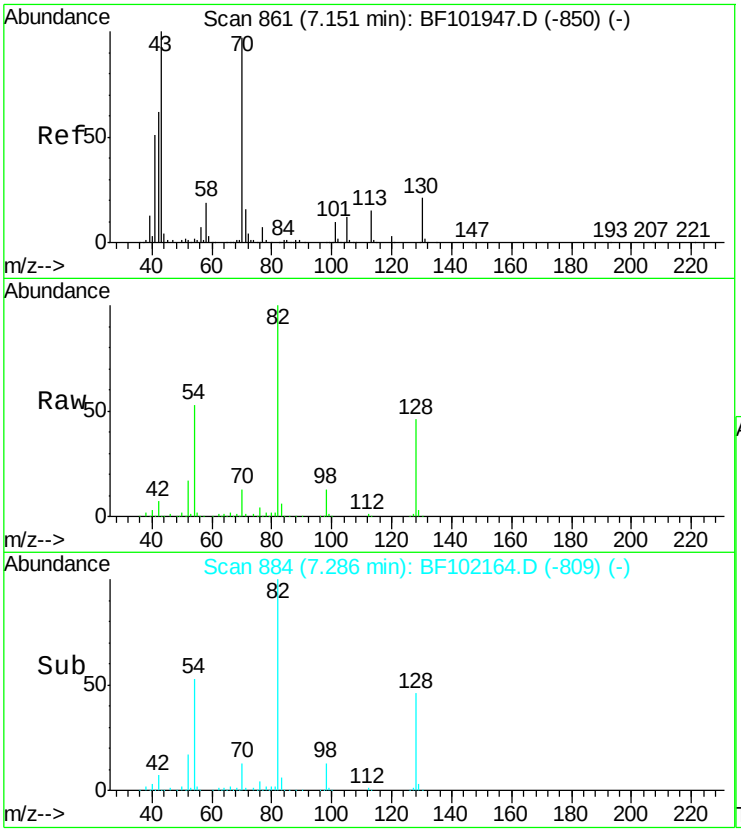


#10
Phenol
Concen: 2.865 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion: 94 Resp: 37907

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	35.8	16.2	56.2



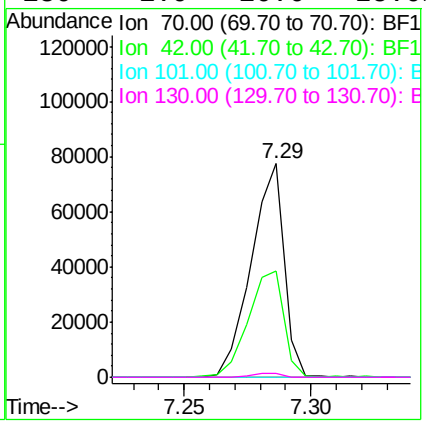


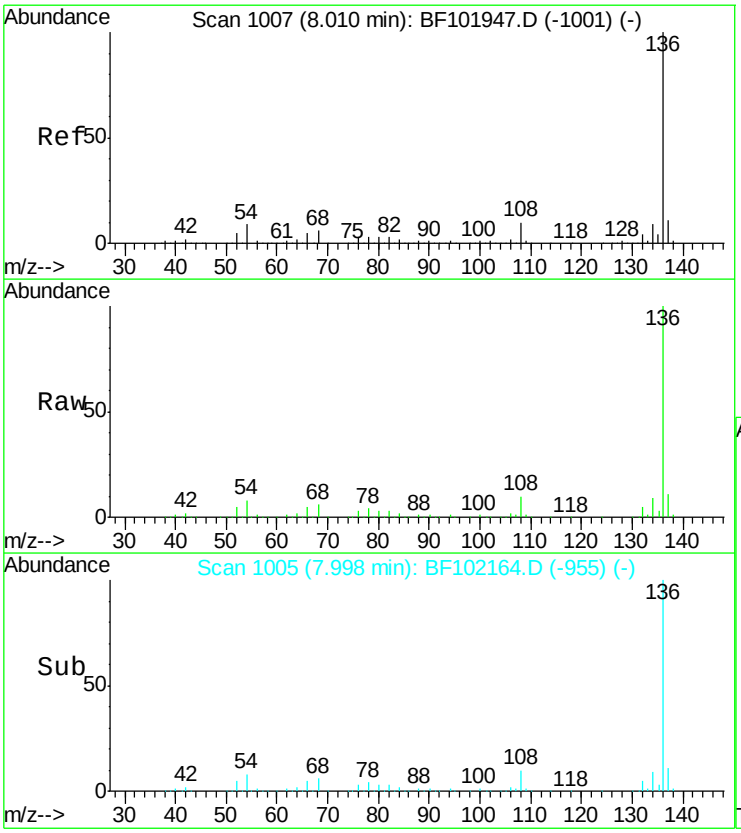
#19
n-Nitroso-di-n-propylamine
Concen: 9.156 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 70254

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

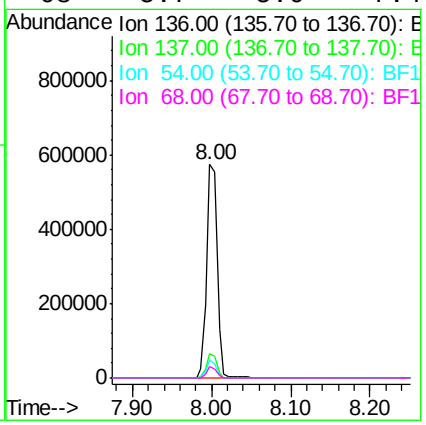


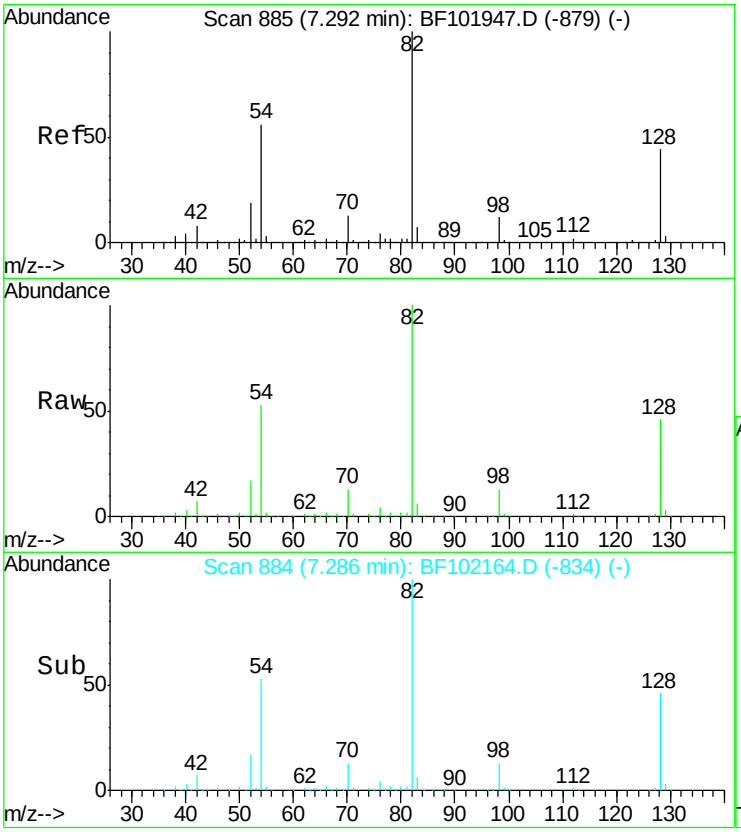


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion:136 Resp: 534722

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	5.7	5.0	7.4



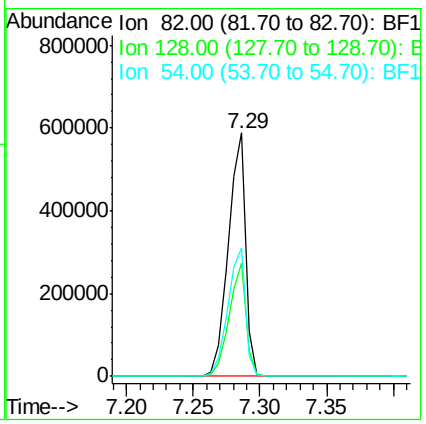


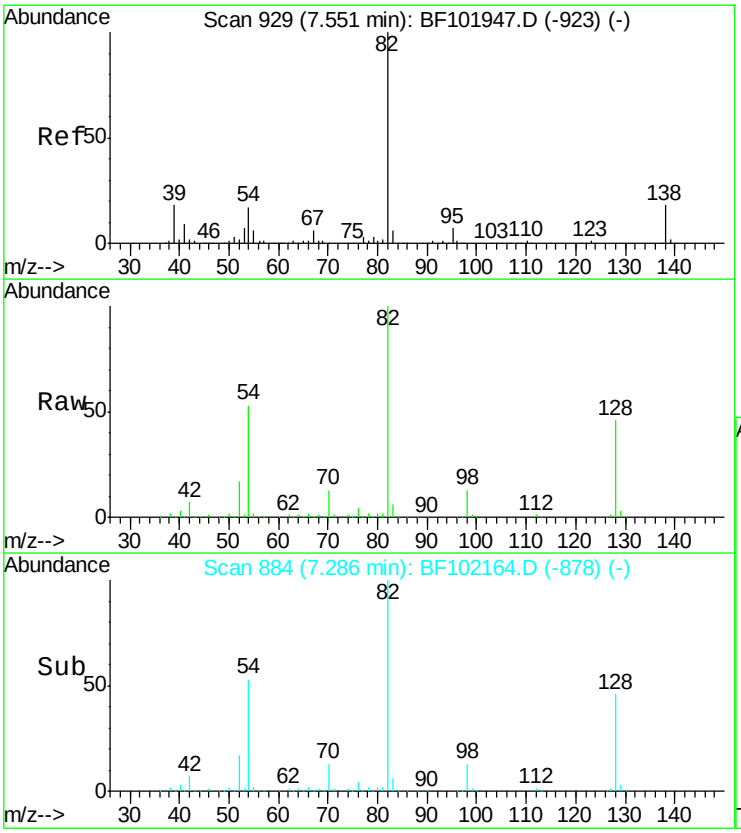
#23
Nitrobenzene-d5
Concen: 59.439 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 540861

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	53.0	41.4	62.2

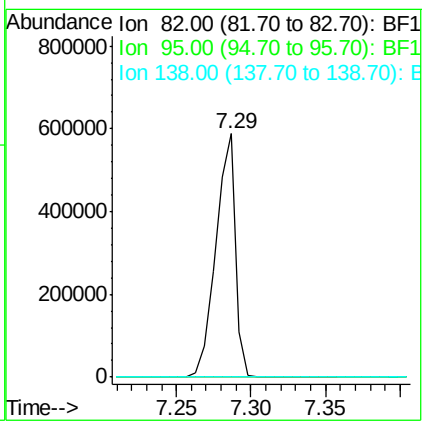


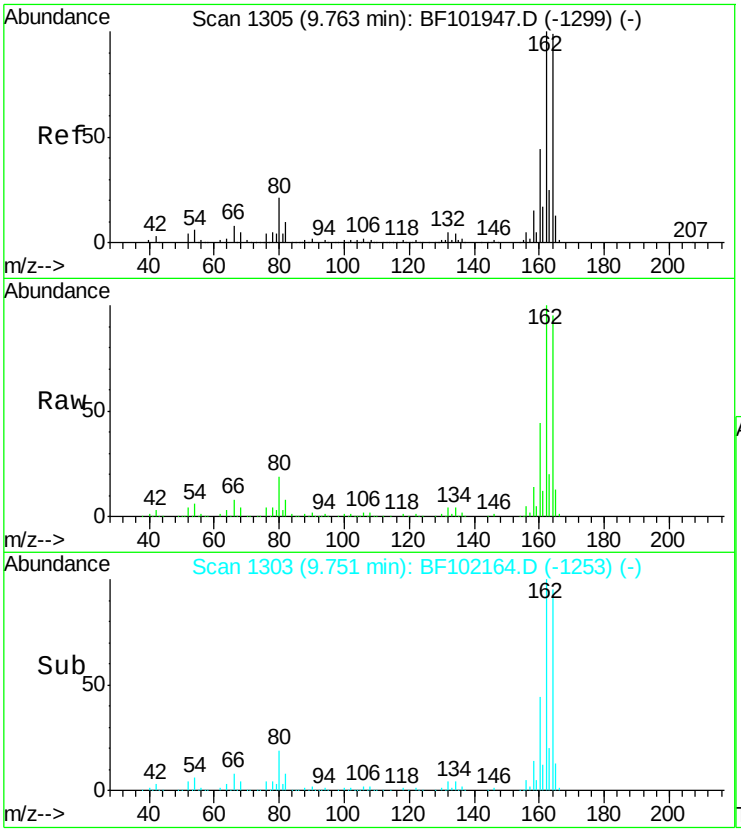


#25
Isophorone
Concen: 29.941 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion: 82 Resp: 538334

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



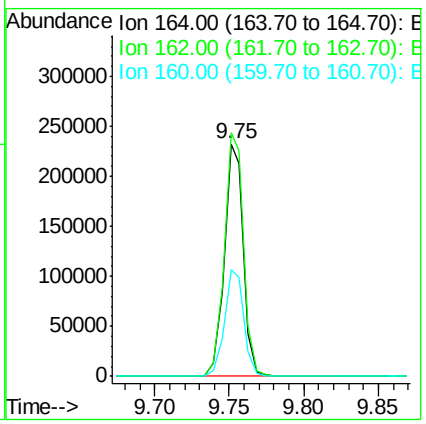


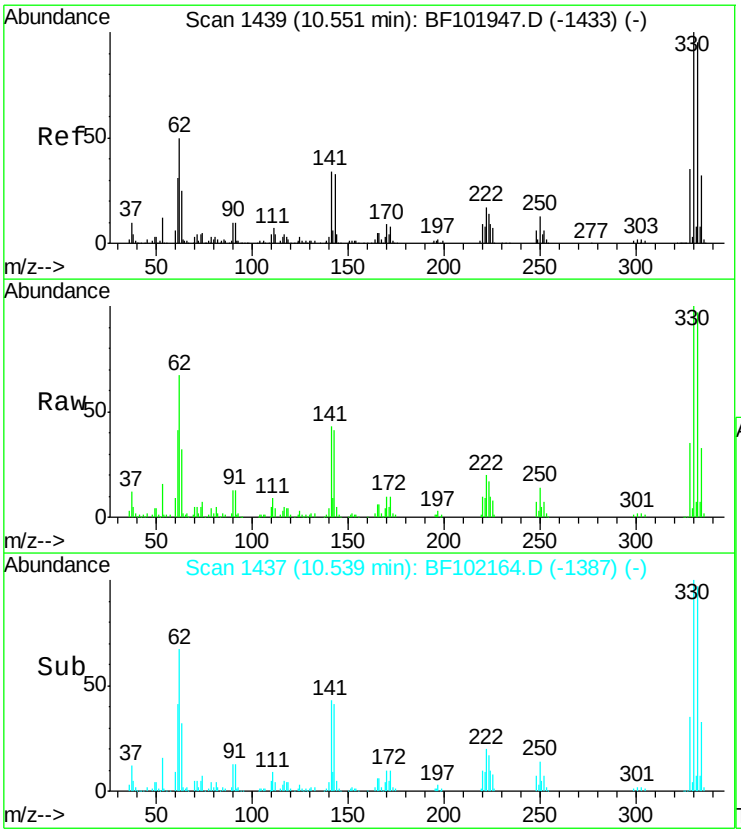
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 210144

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.8	38.3	57.5

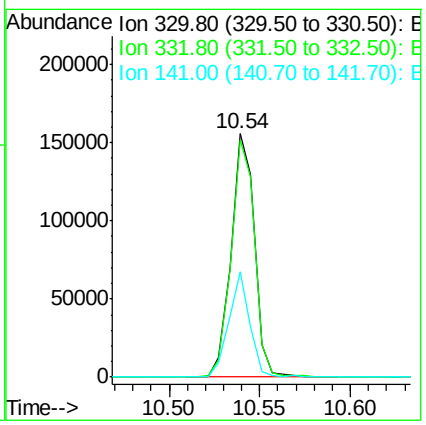


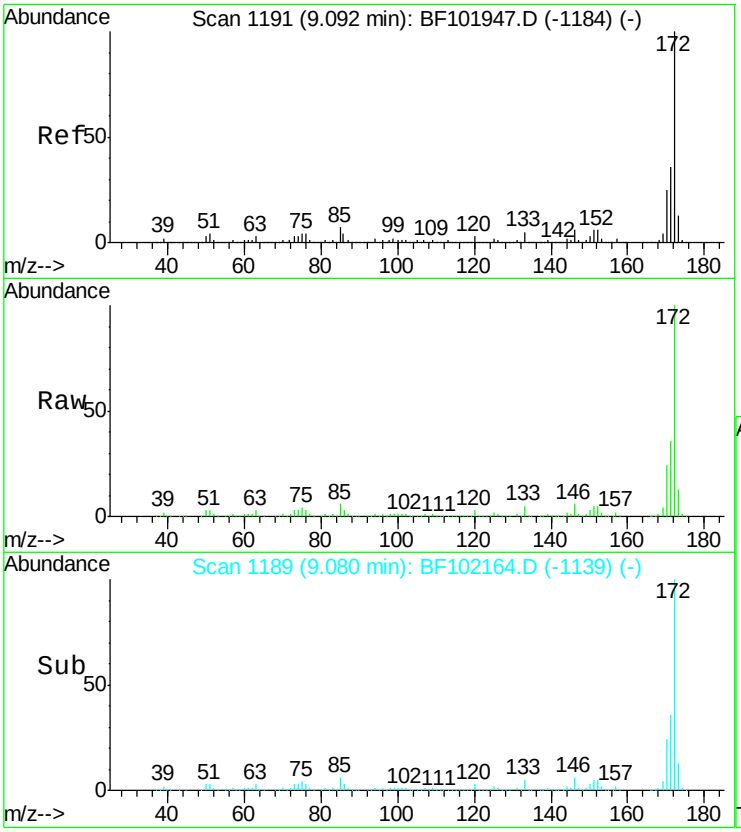


#41
2,4,6-Tribromophenol
Concen: 76.190 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion:330 Resp: 139724

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	39.2	29.9	44.9



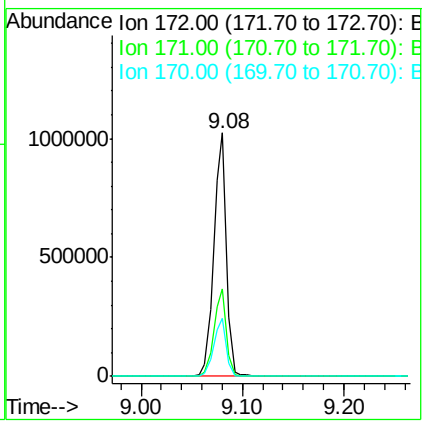


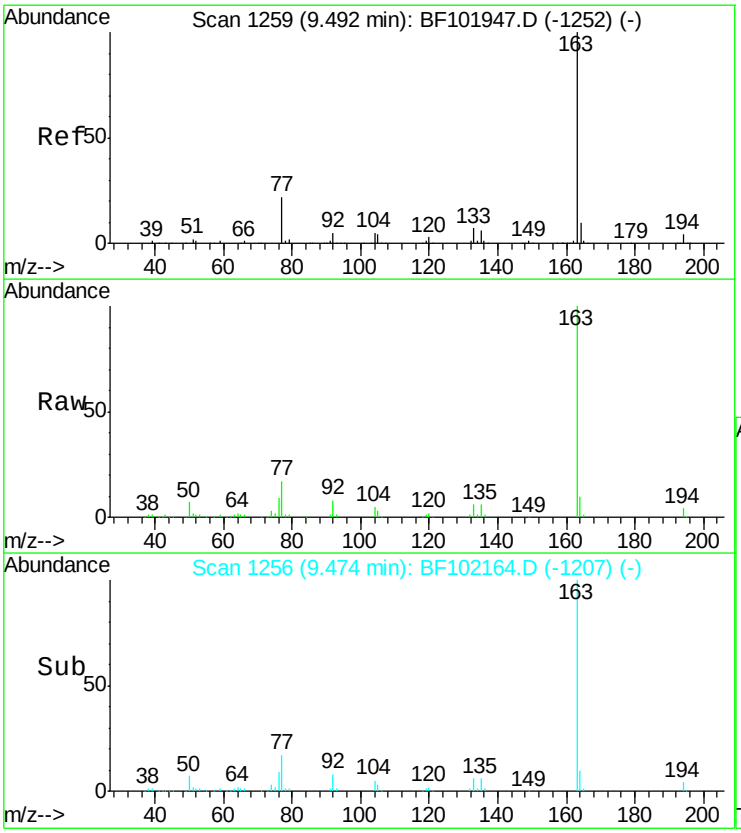
#44
2-Fluorobiphenyl
Concen: 65.355 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 879098

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4

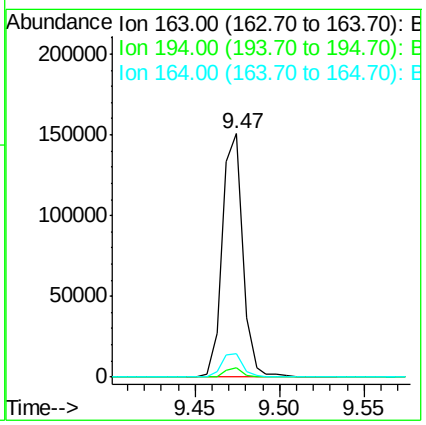


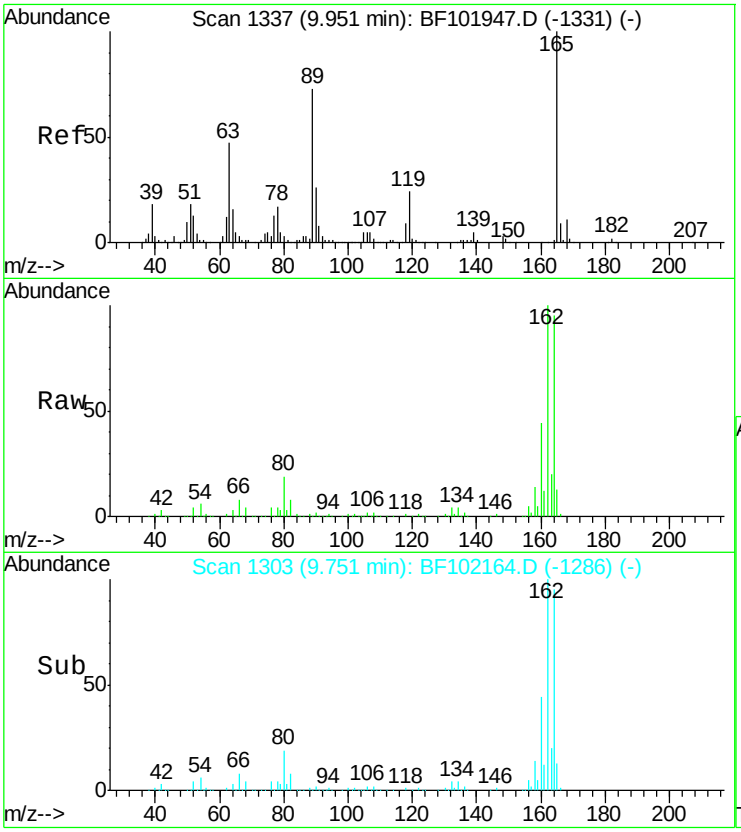


#49
Dimethylphthalate
Concen: 7.581 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion:163 Resp: 127801

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.5	8.2	12.2



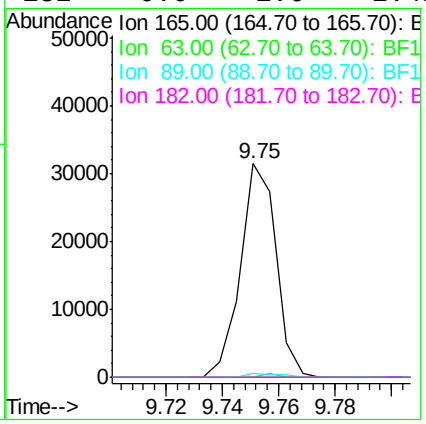


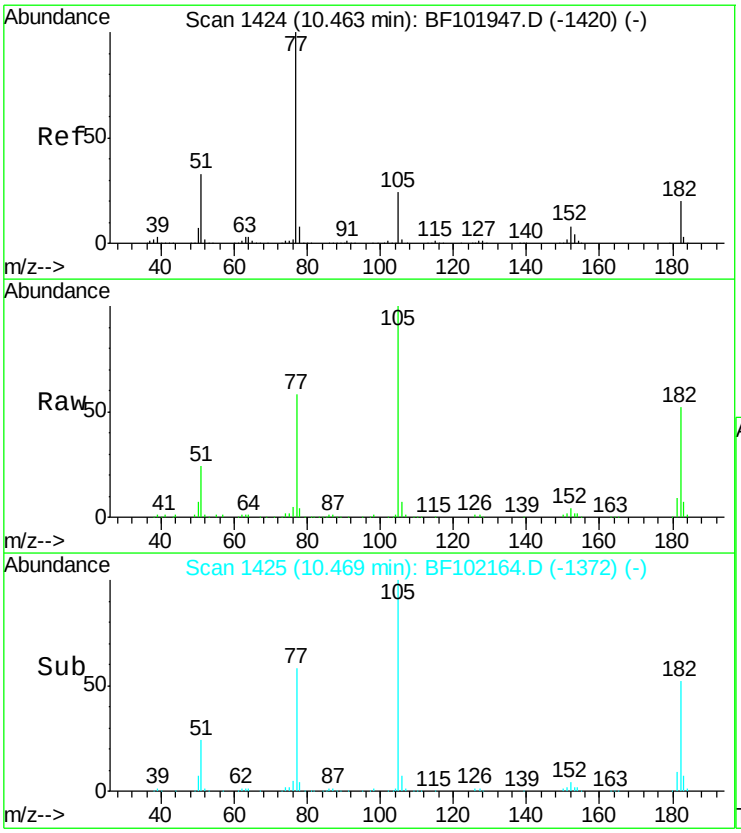
#56
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27487

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

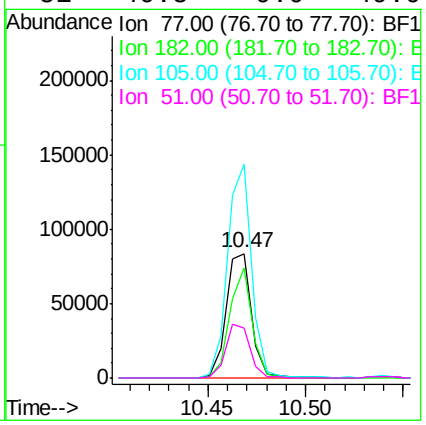


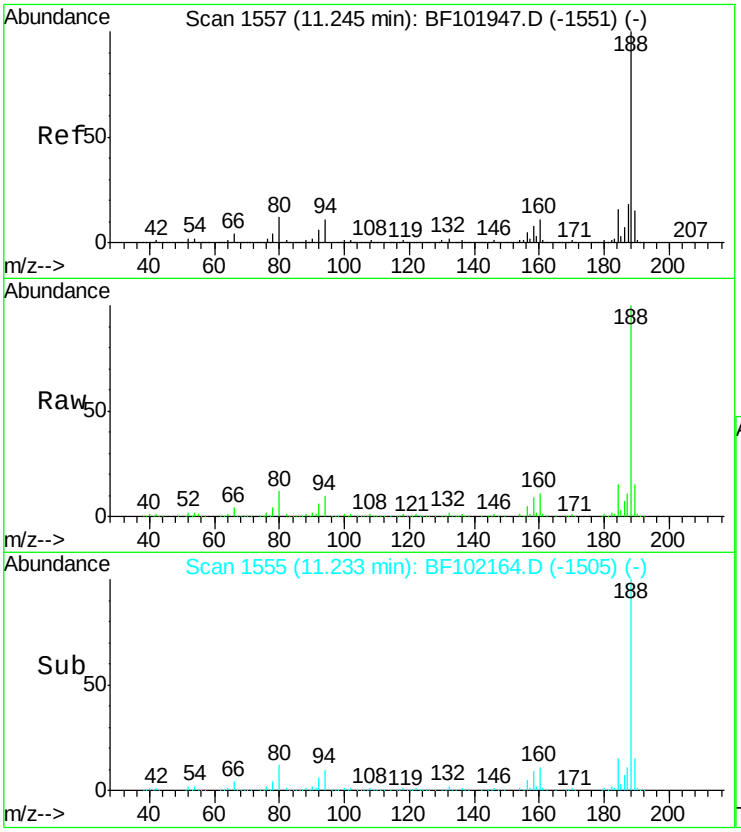


#62
Azobenzene
Concen: 4.493 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion: 77 Resp: 74963

Ion	Ratio	Lower	Upper
77	100		
182	89.0	1.7	41.7#
105	171.8	3.0	43.0#
51	40.5	9.9	49.9



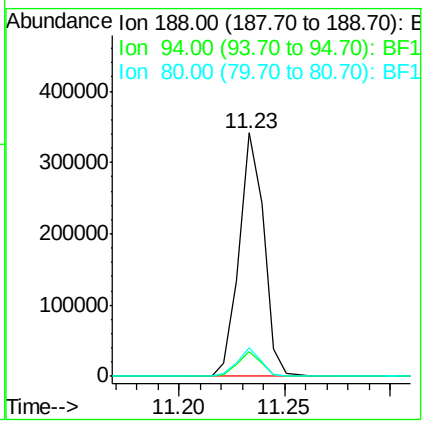


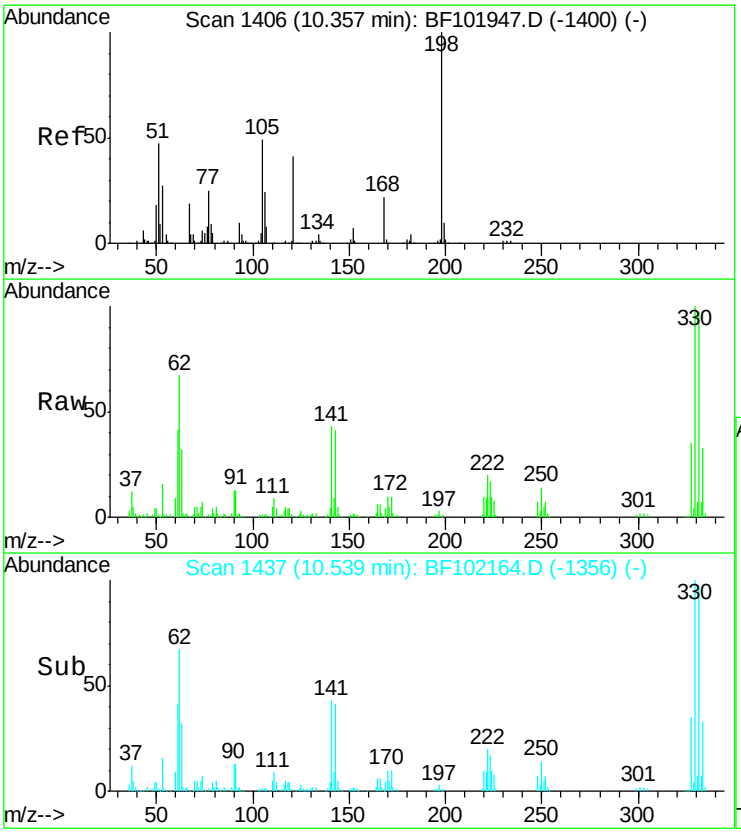
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 276781

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.8	9.2	13.8

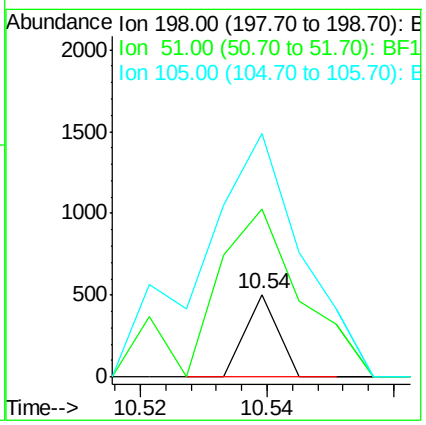


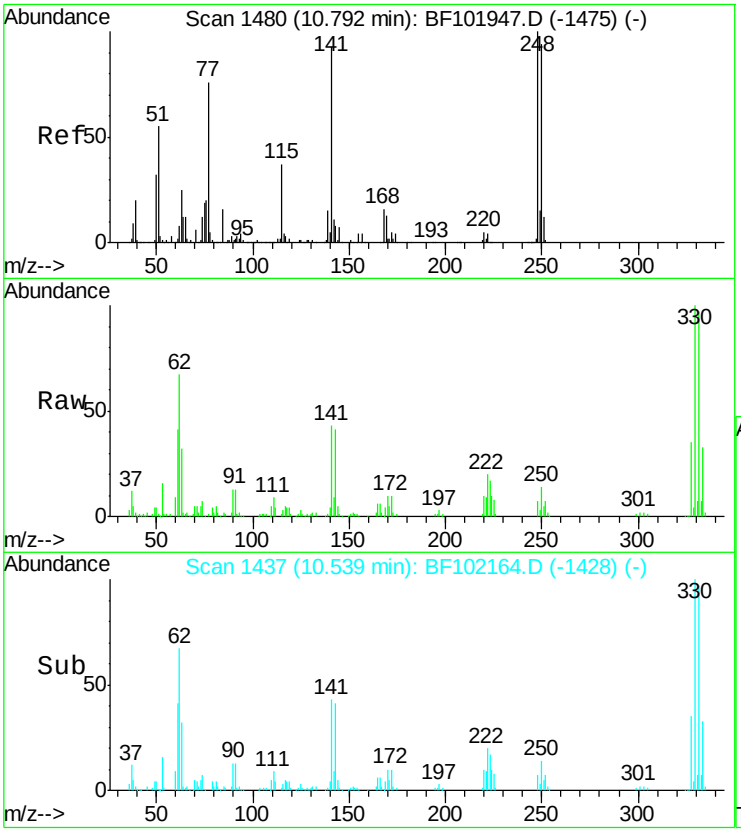


#64
4,6-Dinitro-2-methylphenol
Concen: 5.767 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion:198 Resp: 178

Ion	Ratio	Lower	Upper
198	100		
51	204.6	37.7	77.7#
105	295.8	36.3	76.3#



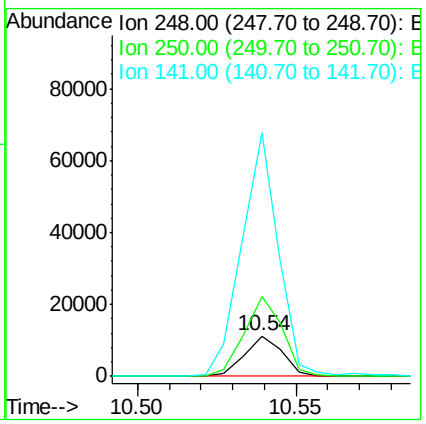


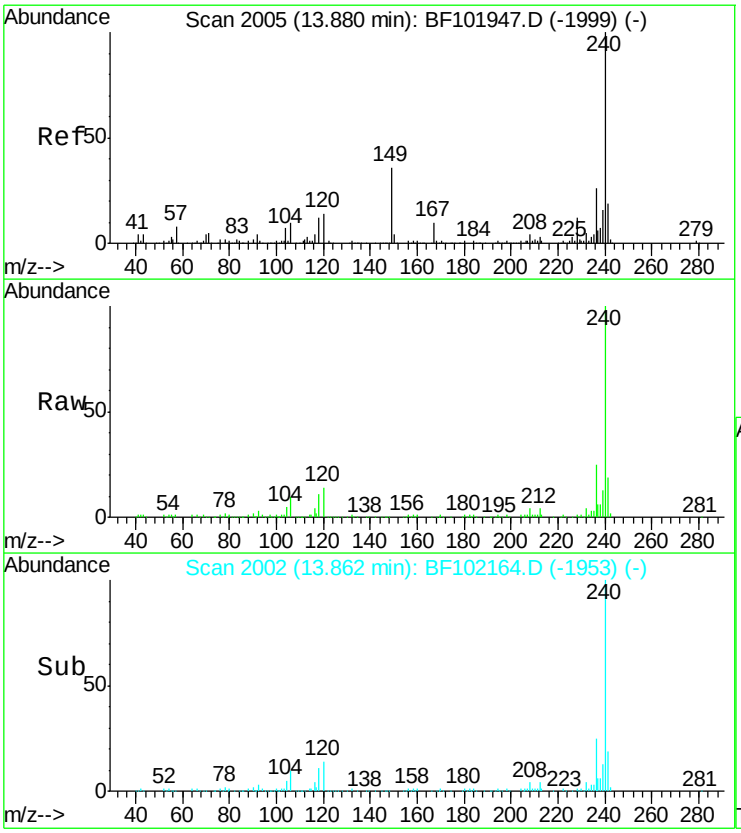
#66
4-Bromophenyl-phenylether
Concen: 3.187 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9316

Ion	Ratio	Lower	Upper
248	100		
250	197.3	76.9	115.3#
141	604.8	74.4	111.6#

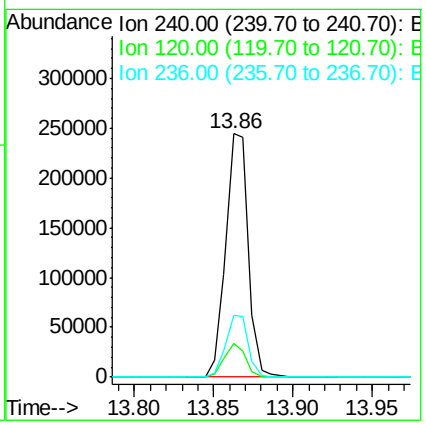


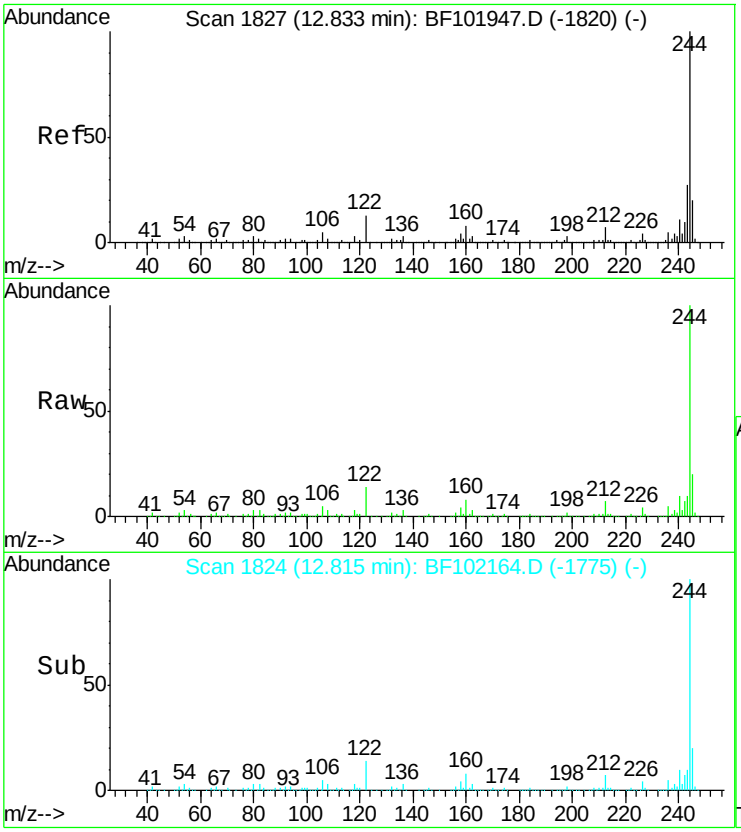


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion:240 Resp: 241447

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.4	20.7	31.1



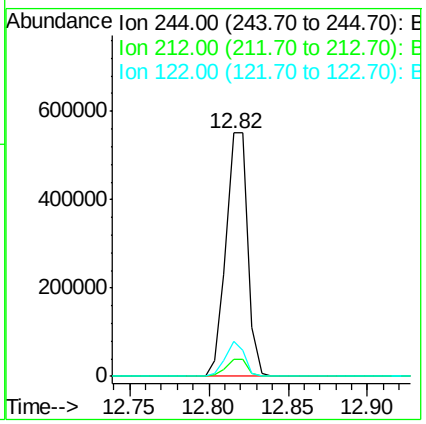


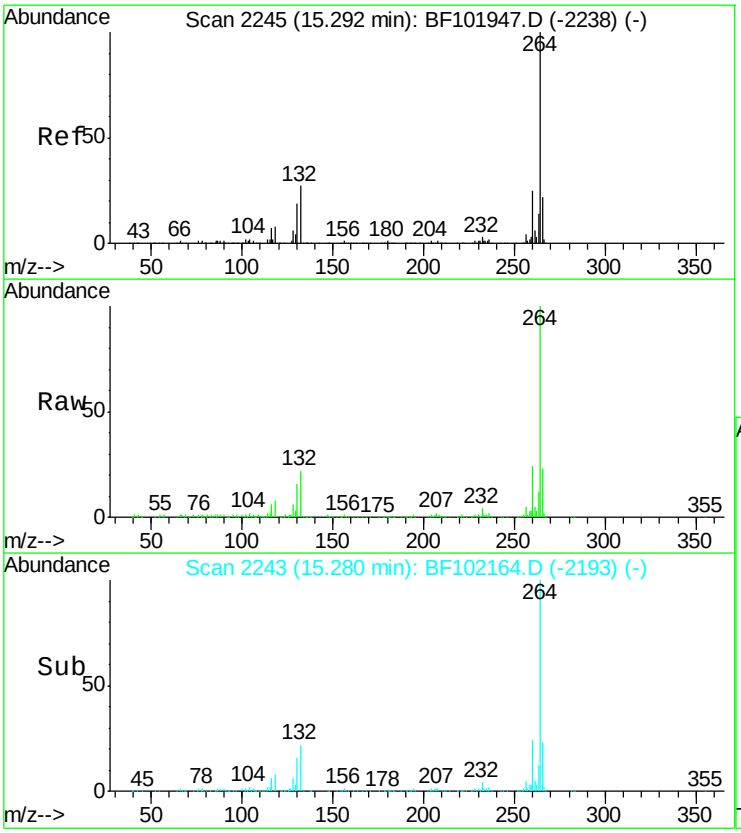
#78
Terphenyl-d14
Concen: 45.228 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102164.D
Acq: 17 Jan 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 525958

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.4	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: BF102164.D
Acq: 17 Jan 2018 21:41

Tgt Ion:264 Resp: 250268

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.5	17.5	26.3