Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101563.D
Acq On : 20 Dec 2017 13:14
Operator : SJ/JU
Sample : PB105164BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105164BL

Quant Time: Dec 20 14:28:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139905	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	576646	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	258900	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	506476	20.00	ng	0.00
75) Chrysene-d12	13.97	240	378269	20.00	ng	0.00
86) Perylene-d12	15.43	264	272368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1047136	111.49	ng	0.01
7) Phenol-d6	6.44	99	1257889	107.61	ng	0.00
23) Nitrobenzene-d5	7.36	82	820493	79.21	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	284159	113.90	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1335176	80.00	ng	0.00
78) Terphenyl-d14	12.91	244	1307911	83.36	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	109898	14.316	ng	# 82
25) Isophorone	7.36	82	820493	39.483	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	32562	7.693	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	32562	6.828	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	17814	3.130	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
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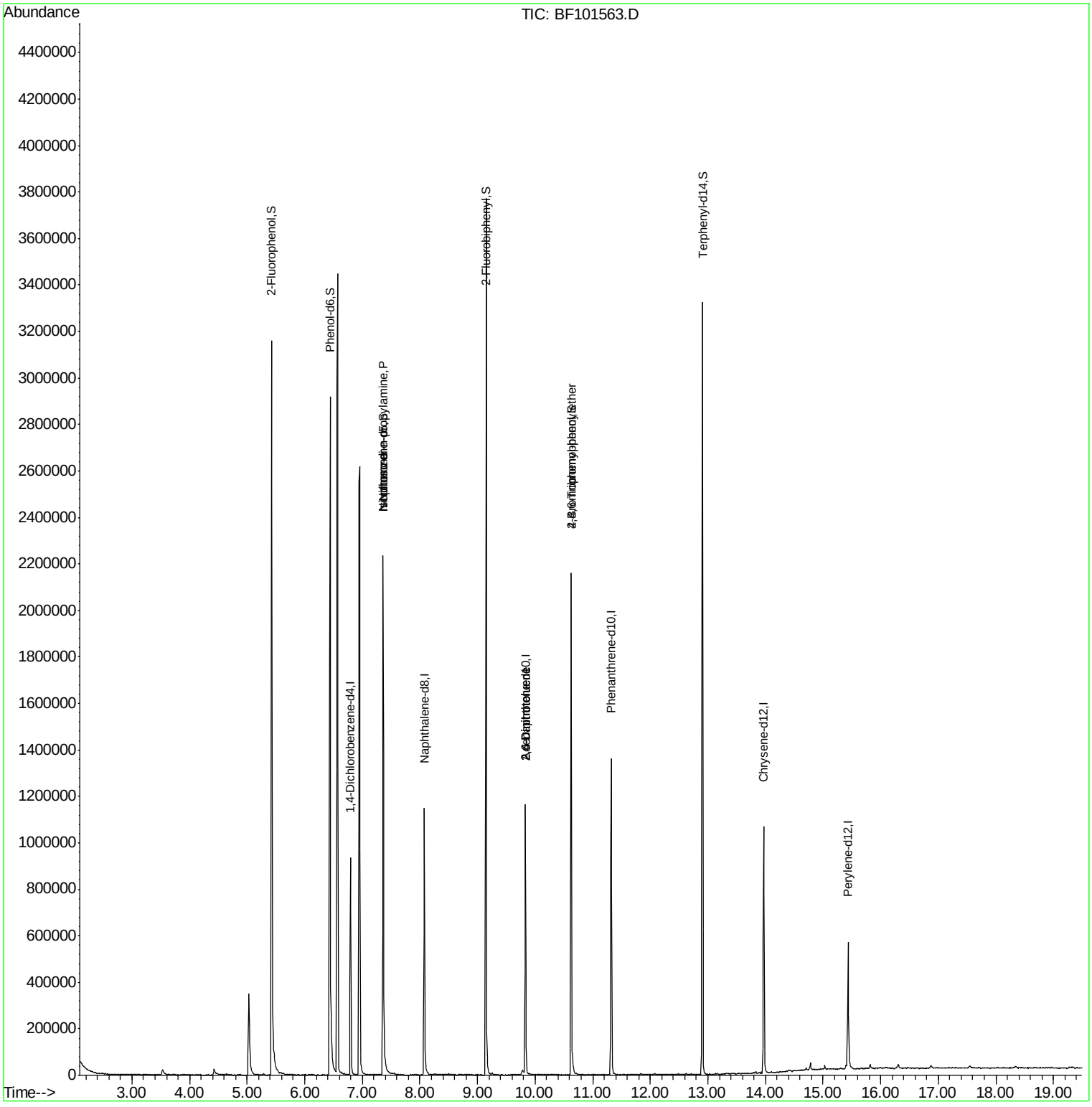
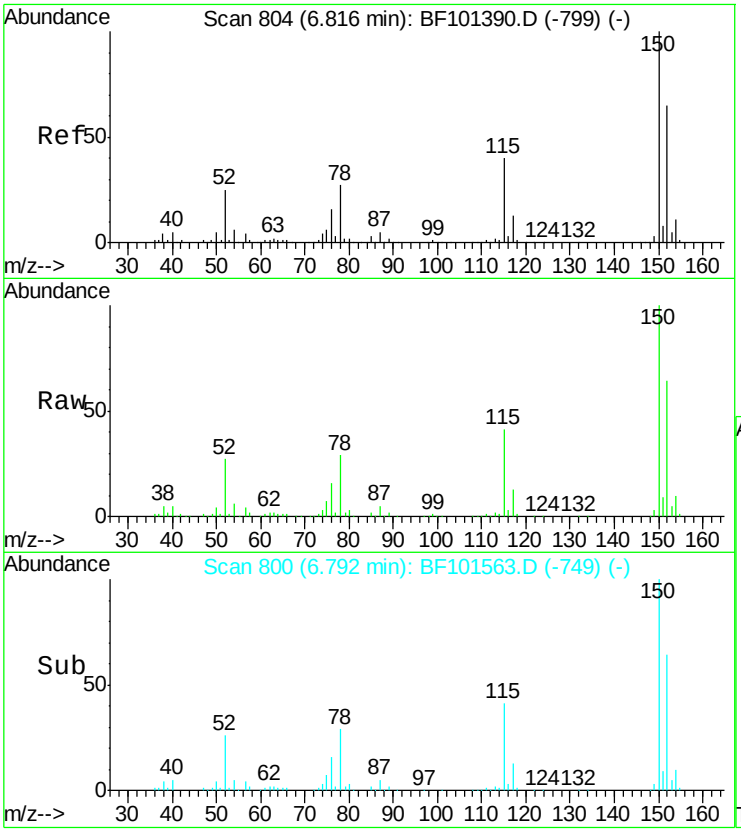


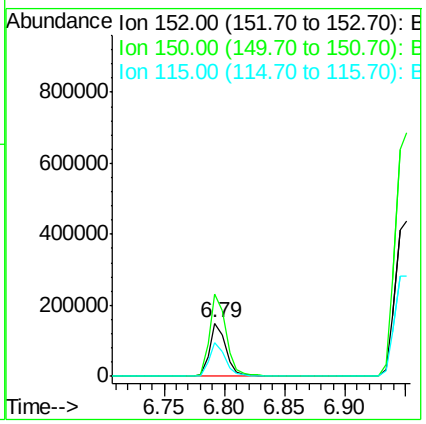


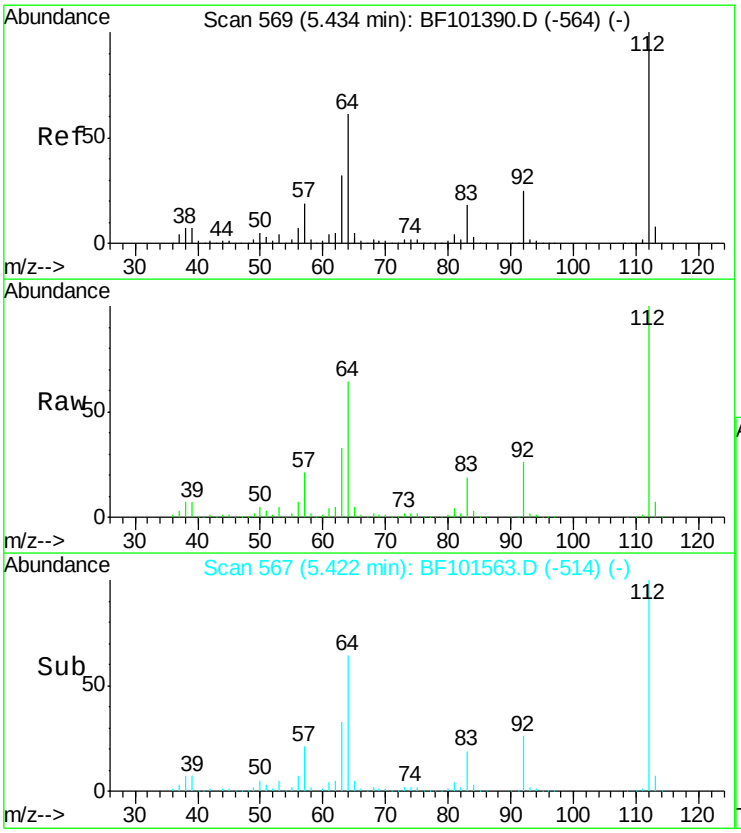
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion:152 Resp: 139905

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	64.2	50.1	75.1

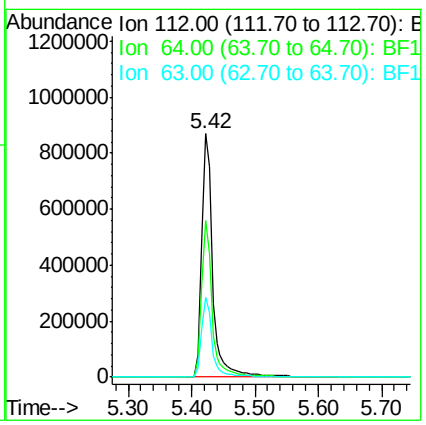


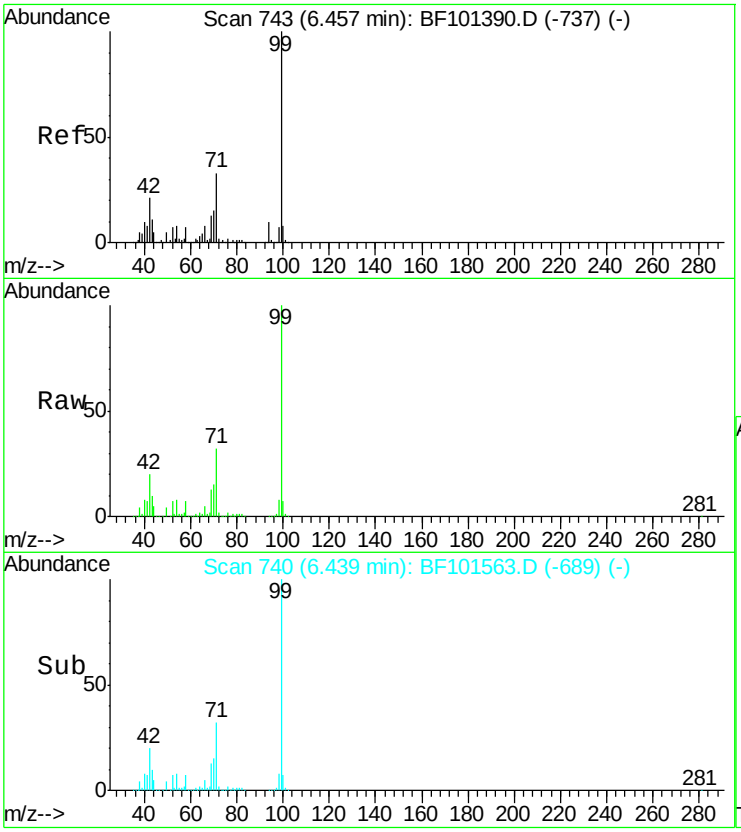


#5
2-Fluorophenol
Concen: 111.489 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion:112 Resp: 1047136

Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	32.6	23.7	35.5



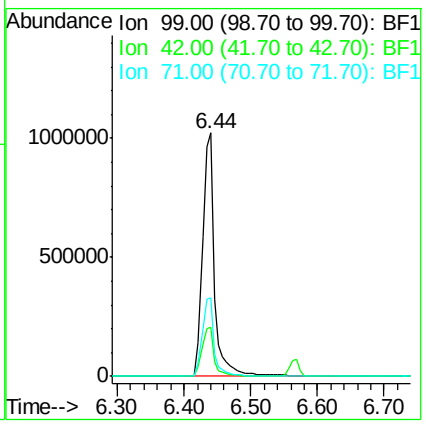


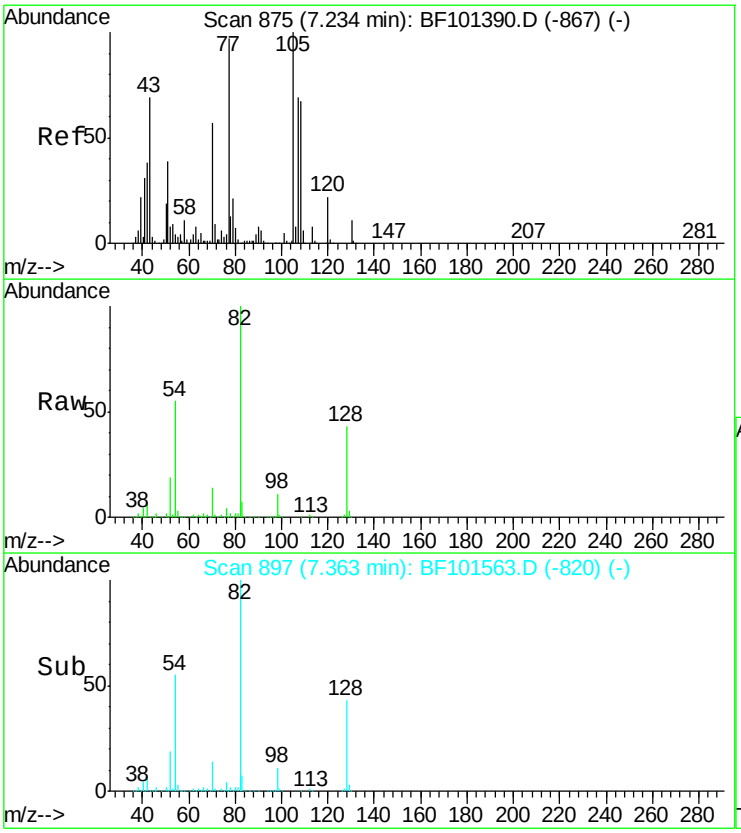
#7
Phenol-d6
Concen: 107.613 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion: 99 Resp: 1257889

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	32.4	25.4	38.0

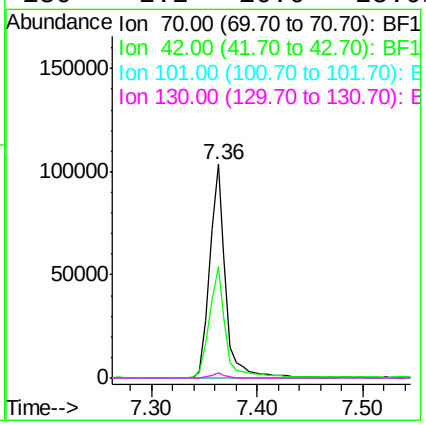


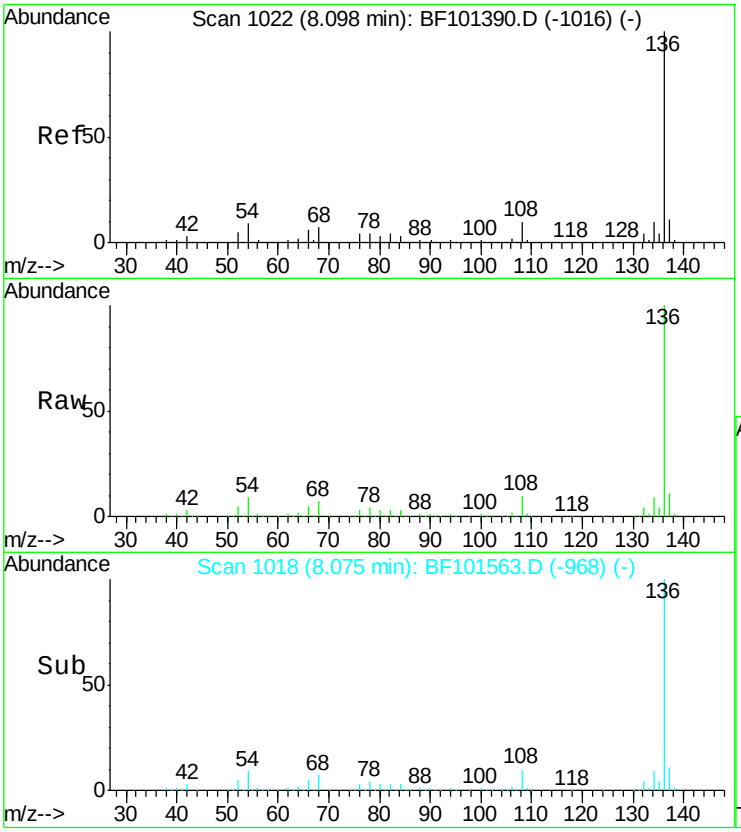


#19
n-Nitroso-di-n-propylamine
Concen: 14.316 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion: 70 Resp: 109898

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



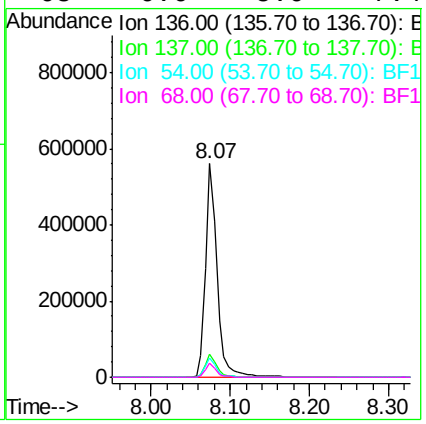


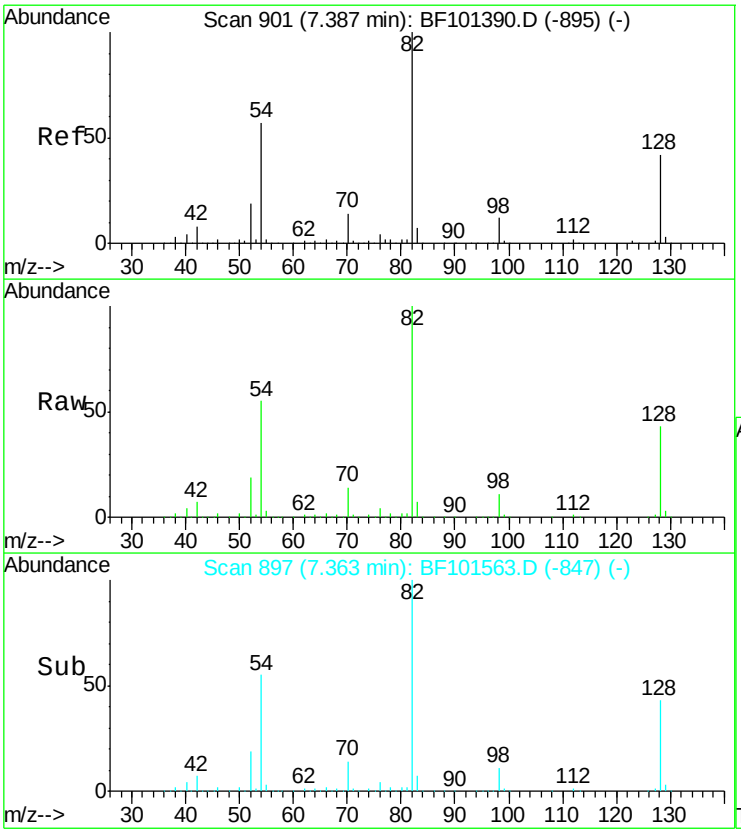
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion:136 Resp: 576646

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	6.6	5.0	7.4

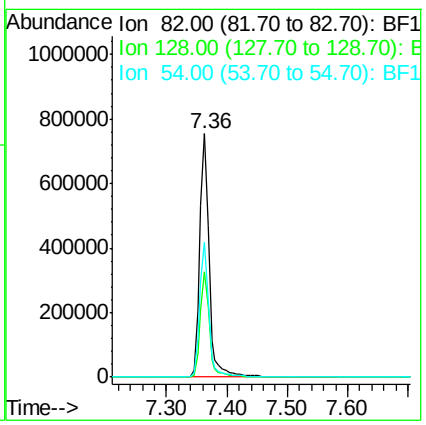


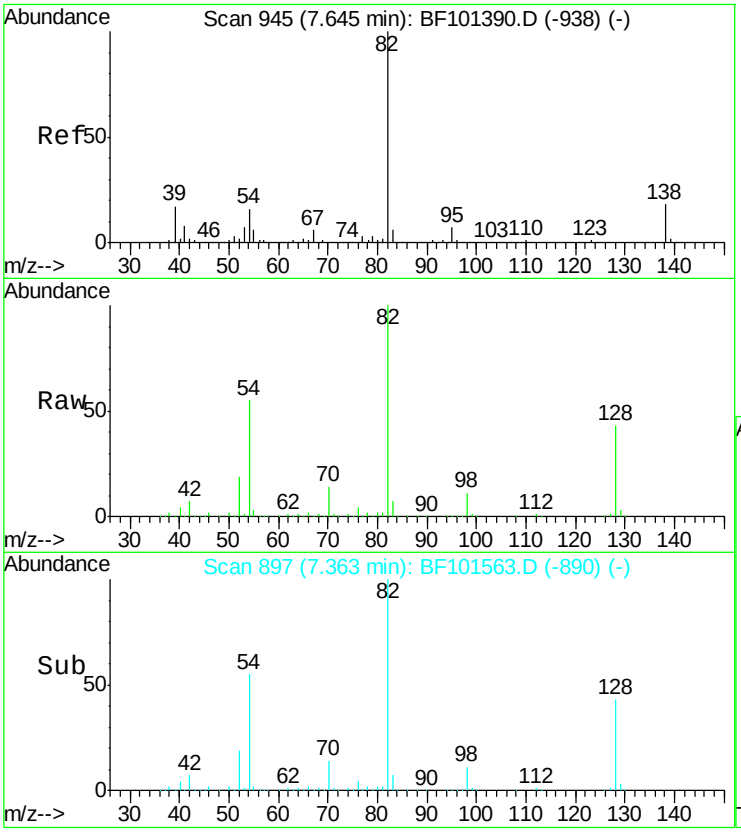


#23
Nitrobenzene-d5
Concen: 79.205 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion: 82 Resp: 820493

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	55.2	41.4	62.2



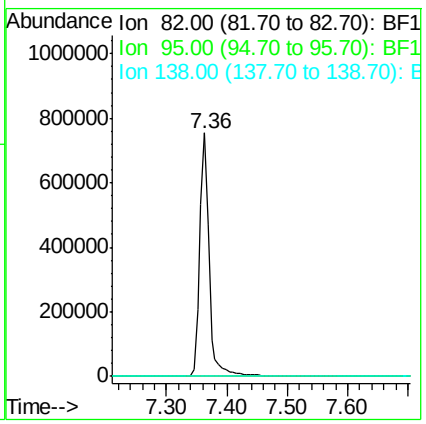


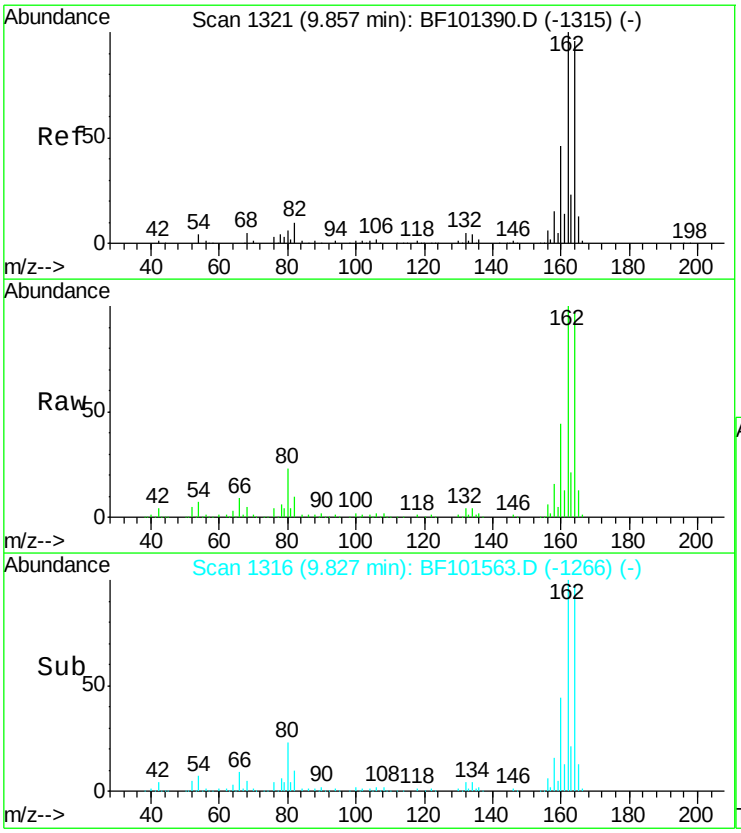
#25
Isophorone
Concen: 39.483 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion: 82 Resp: 820493

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

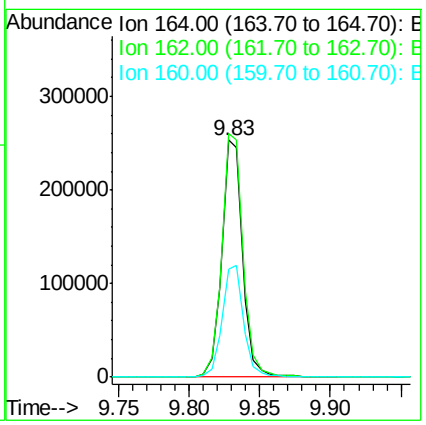


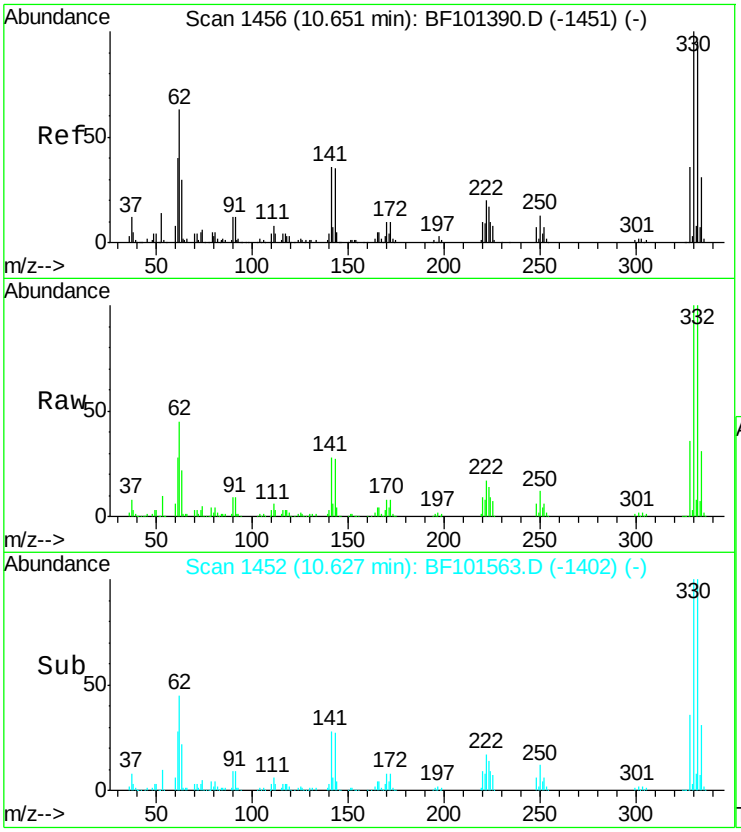


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion:164 Resp: 258900

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.6	38.3	57.5



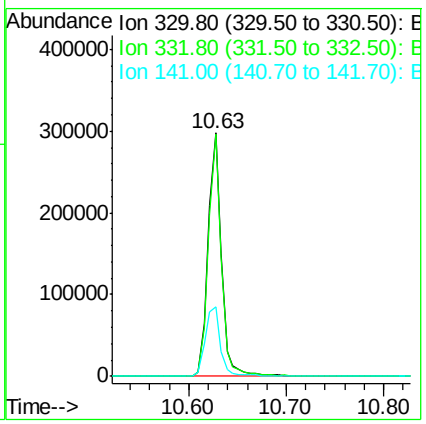


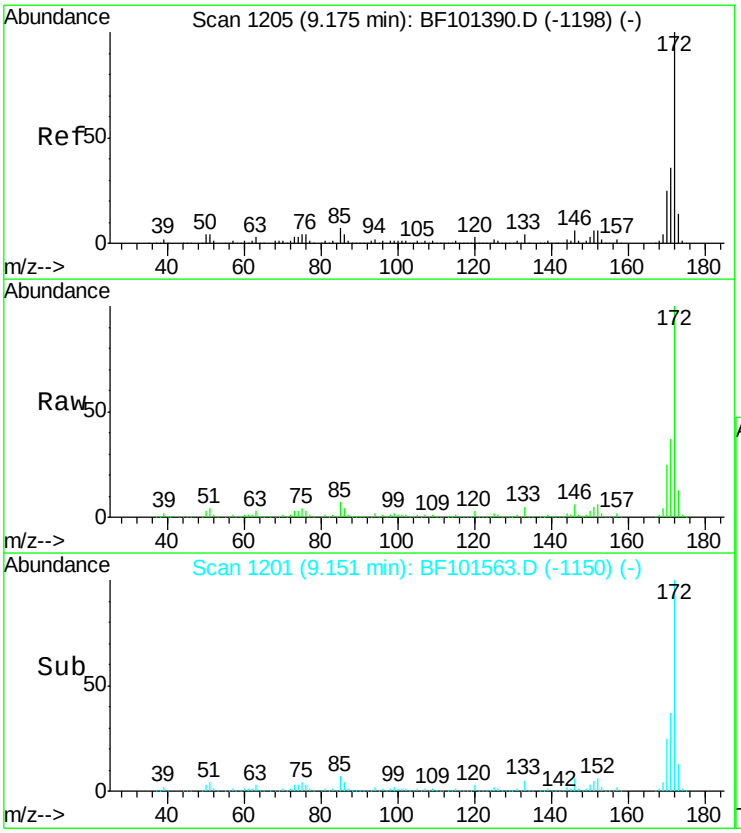
#41
2,4,6-Tribromophenol
Concen: 113.905 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion:330 Resp: 284159

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.8	29.9	44.9

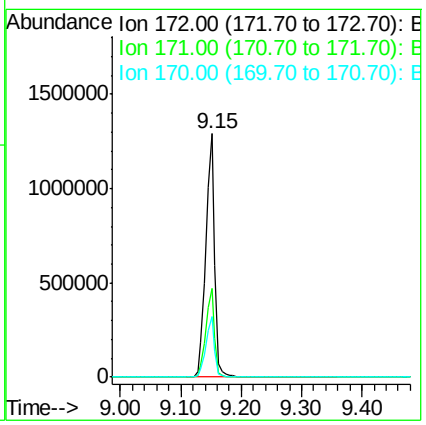


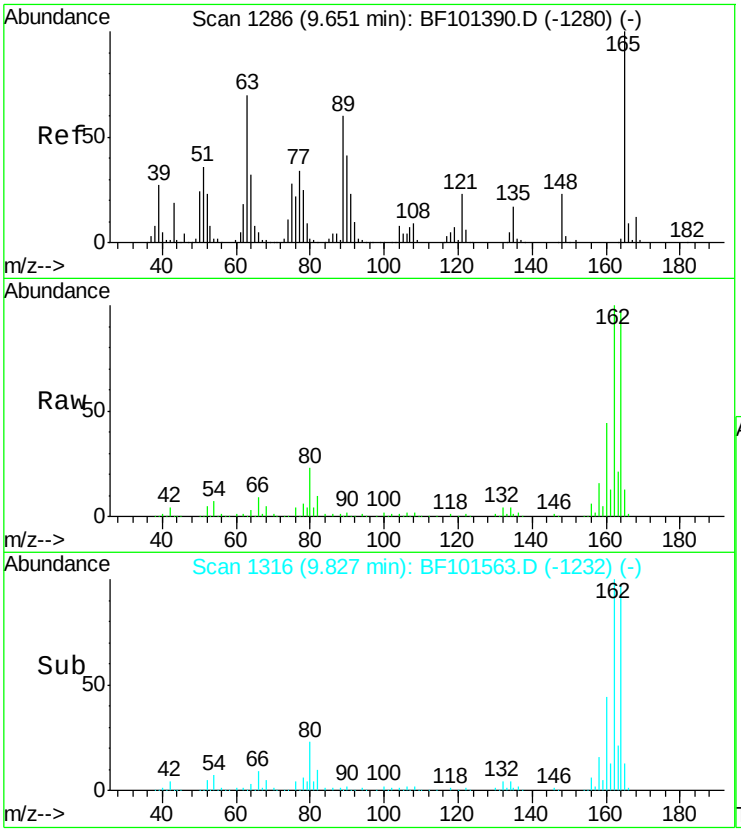


#44
2-Fluorobiphenyl
Concen: 79.999 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion:172 Resp: 1335176

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4



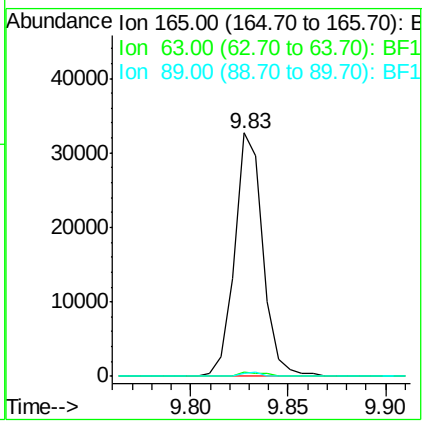


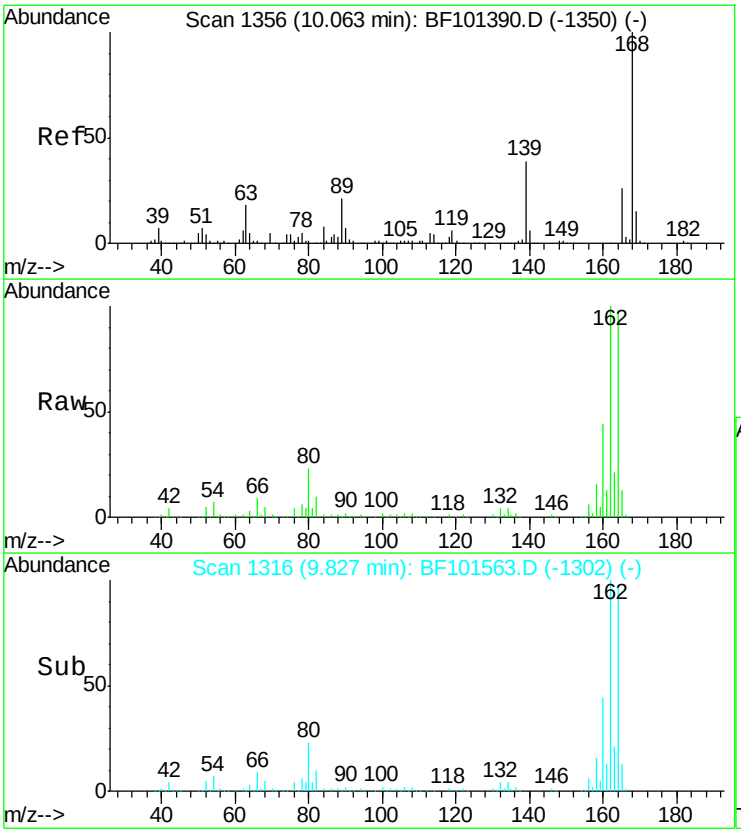
#50
2,6-Dinitrotoluene
Concen: 7.693 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion:165 Resp: 32562

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.4	44.0	66.0#

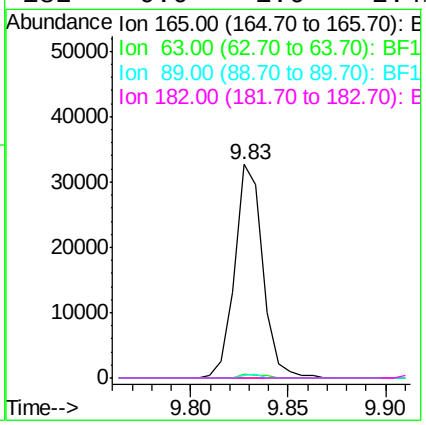


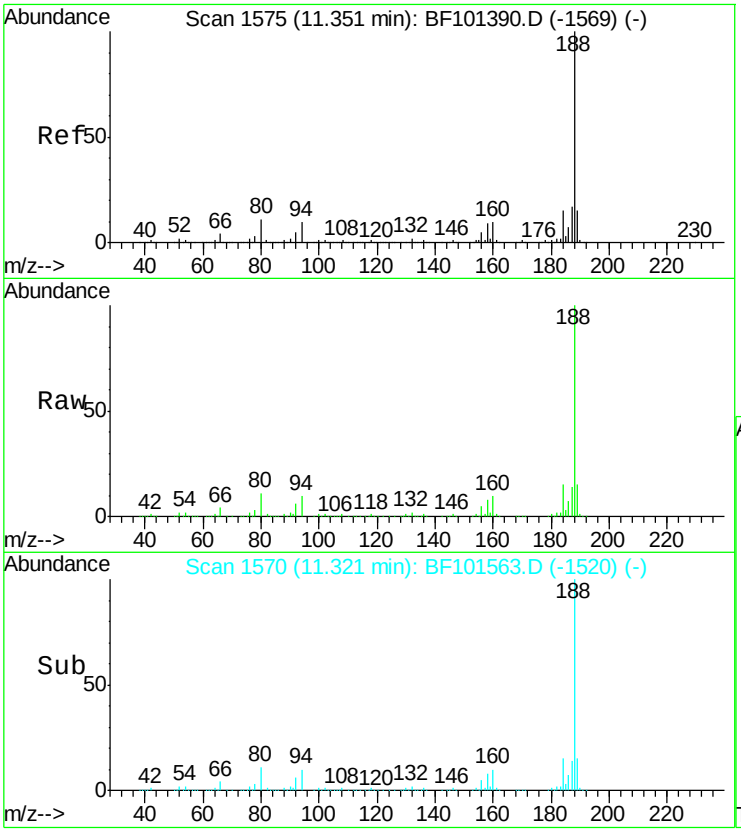


#56
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.22 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion:165 Resp: 32562

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



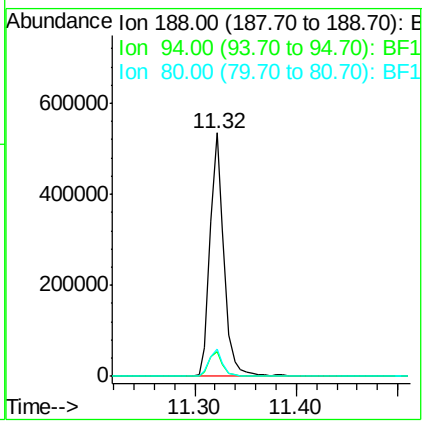


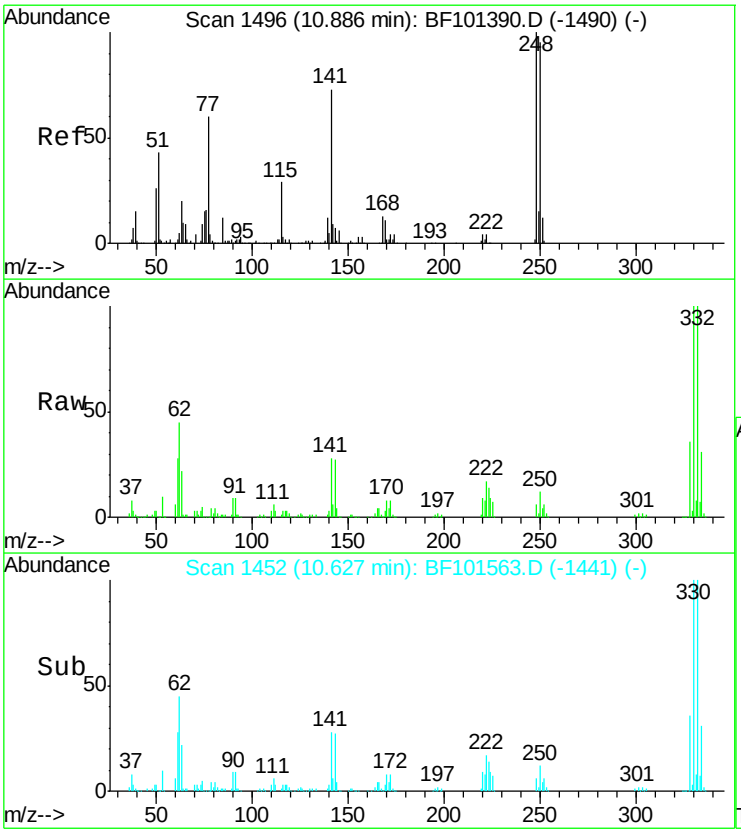
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion:188 Resp: 506476

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.2	9.2	13.8

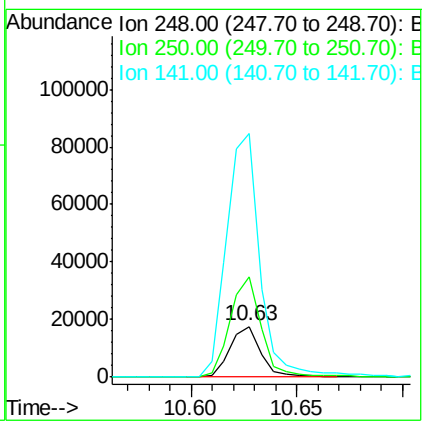


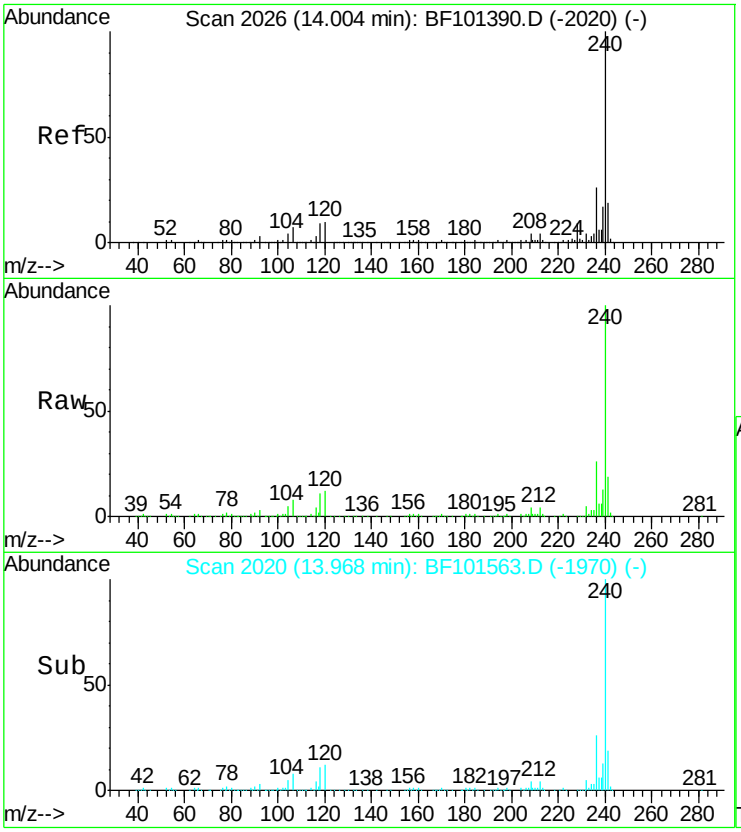


#66
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion:248 Resp: 17814

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	479.3	74.4	111.6#



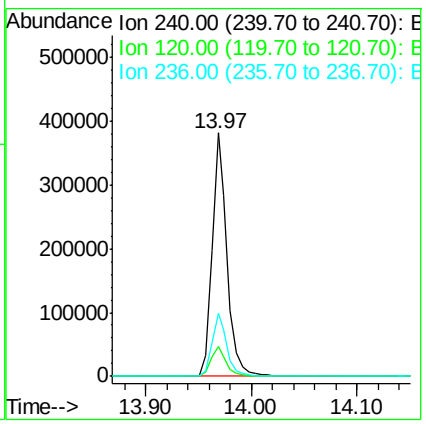


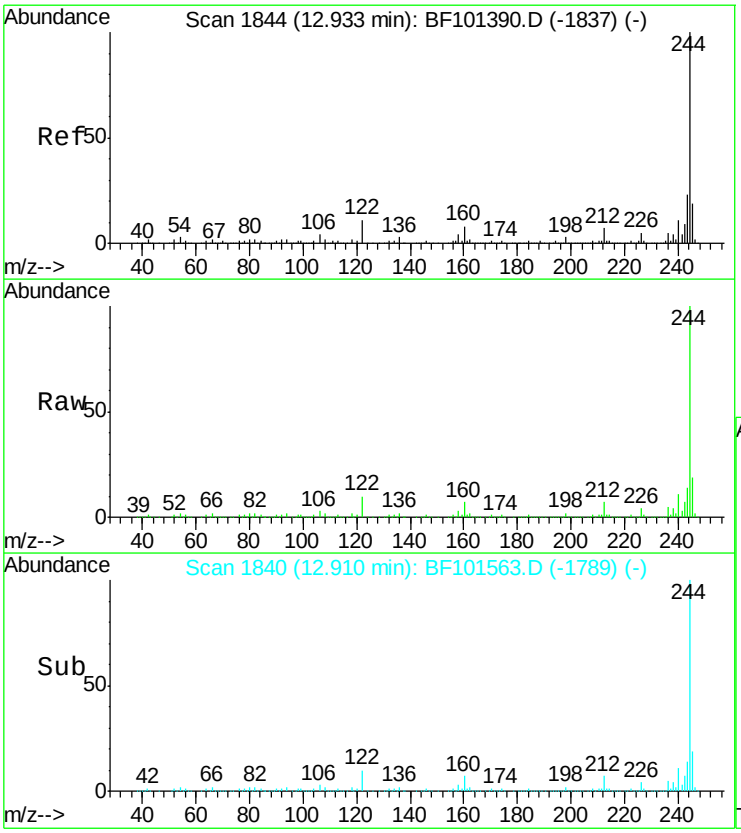
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion:240 Resp: 378269

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.9	20.7	31.1

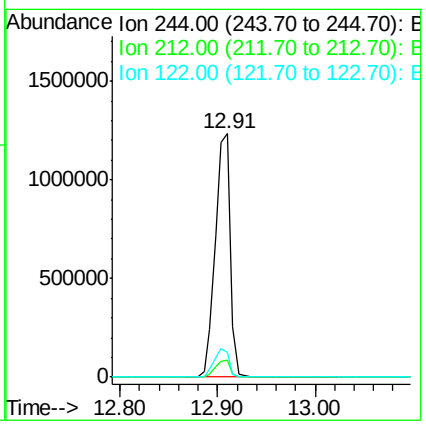


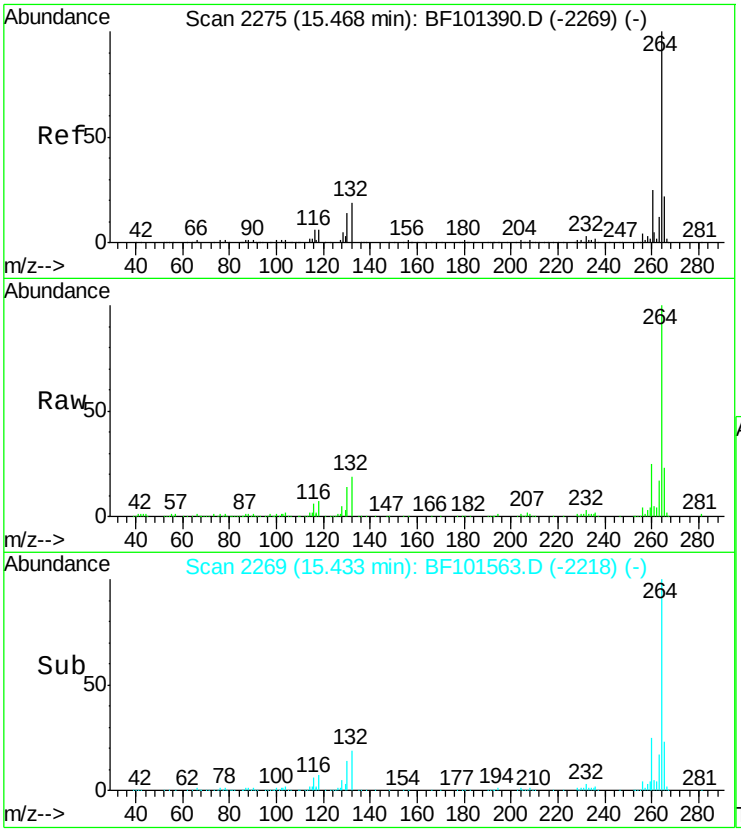


#78
Terphenyl-d14
Concen: 83.355 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion:244 Resp: 1307911

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion:264 Resp: 272368

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.5	17.5	26.3