Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112468.D
Acq On : 8 Feb 2019 19:09
Operator : JU/SJ
Sample : K1422-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Time: Feb 09 04:58:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136361	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	518220	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	244825	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	421520	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	270494	20.00	ng		0.00
87) Perylene-d12	15.47	264	281141	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	978082	152.35	ng		0.00
7) Phenol-d6	6.49	99	1092763	122.50	ng		0.00
23) Nitrobenzene-d5	7.40	82	855313	95.10	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	316874	111.20	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1674664	96.74	ng		-0.01
79) Terphenyl-d14	12.94	244	1426253	99.31	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	26551	5.694	ng		82
19) n-Nitroso-di-n-propylamine	7.40	70	116246	18.898	ng	#	77
25) Isophorone	7.40	82	855302	60.620	ng	#	63
51) 2,6-Dinitrotoluene	9.87	165	31173	7.317	ng	#	34
57) 2,4-Dinitrotoluene	9.87	165	31173	5.748	ng	#	32
67) 4-Bromophenyl-phenylether	10.66	248	19159	3.865	ng	#	1
77) Benzidine	12.94	184	19281	2.590	ng	#	93

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

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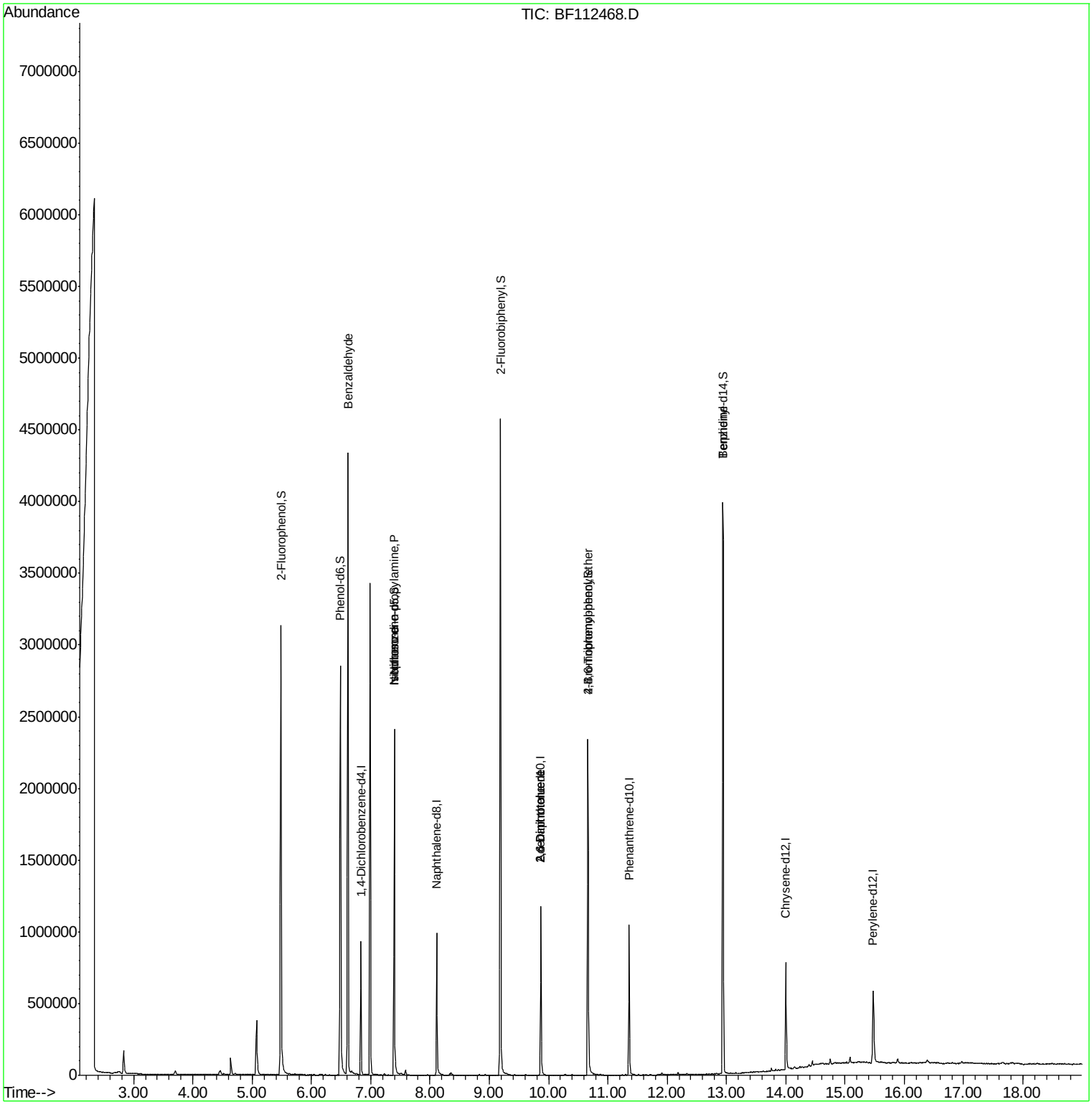
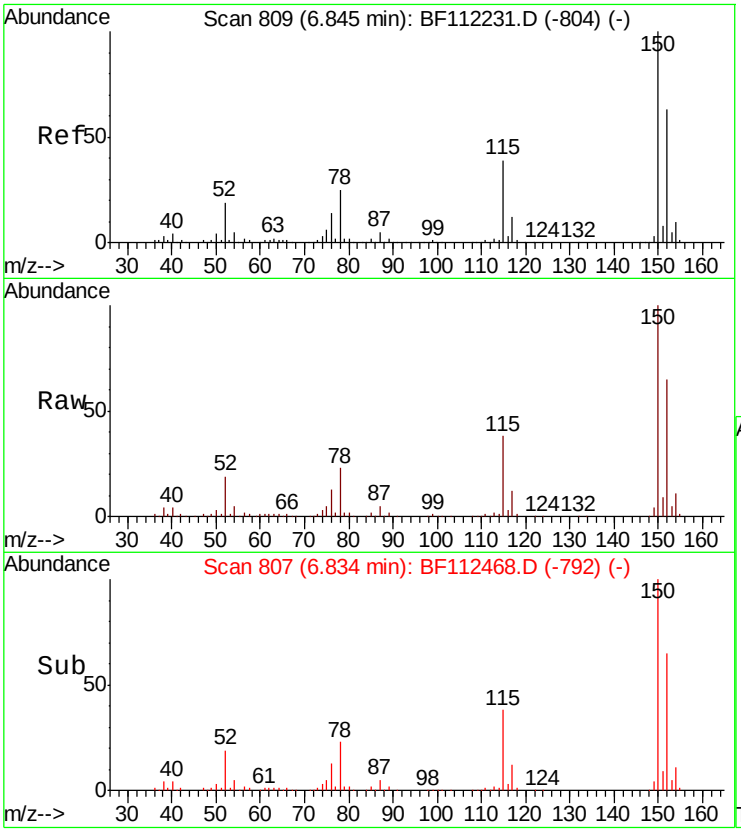


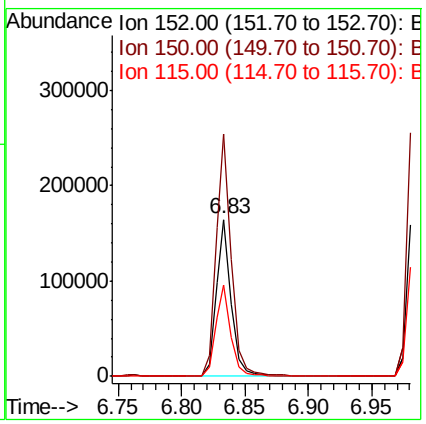


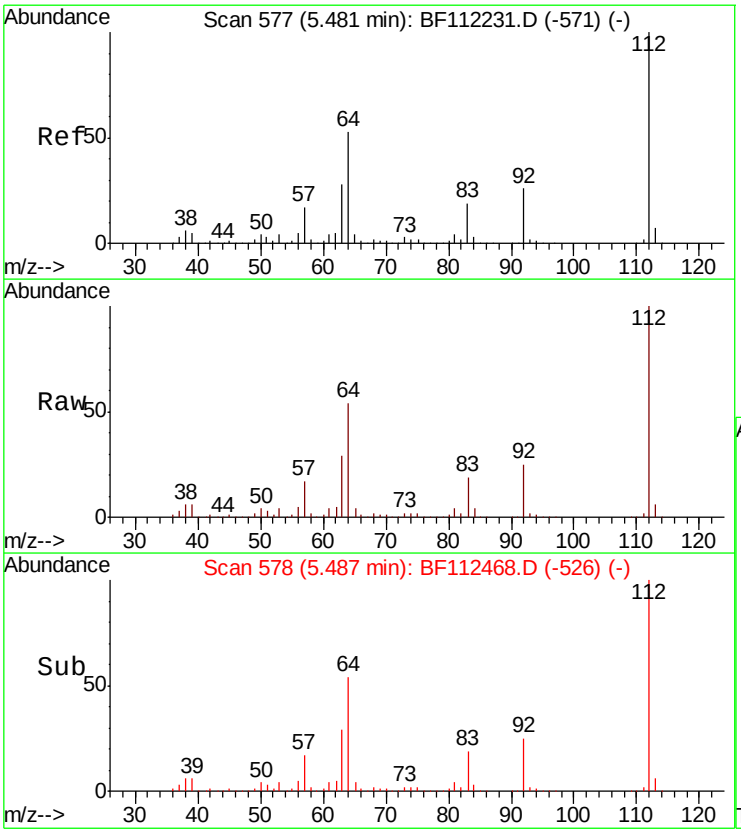
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion:152 Resp: 136361

Ion	Ratio	Lower	Upper
152	100		
150	154.0	127.4	191.0
115	58.5	45.5	68.3

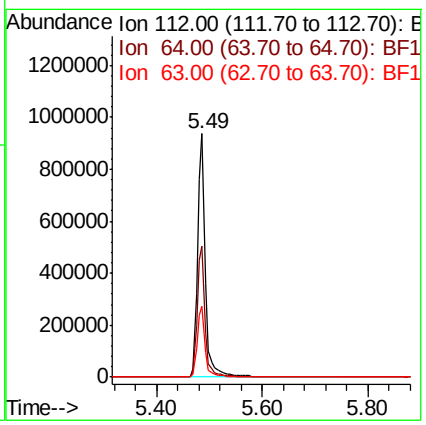


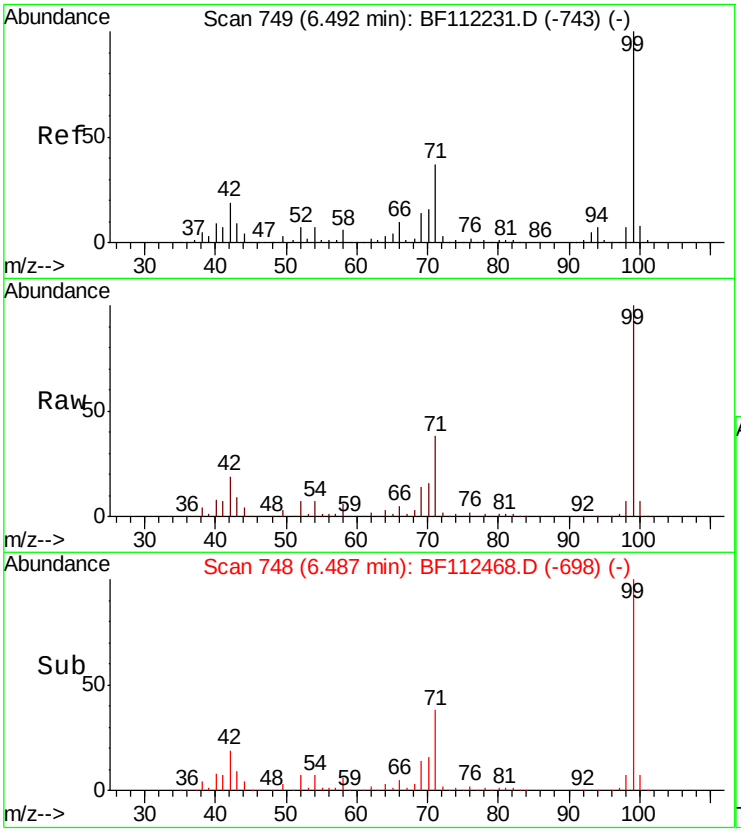


#5
2-Fluorophenol
Concen: 152.354 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion:112 Resp: 978082

Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.7	68.5
63	29.2	23.6	35.4



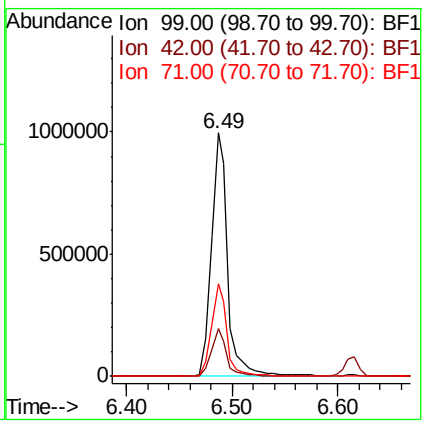


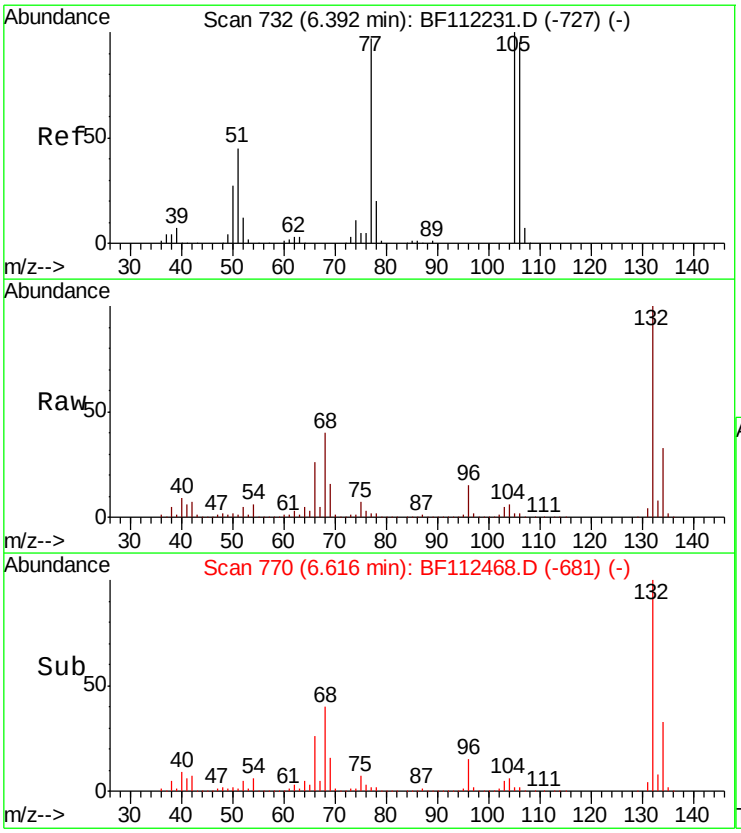
#7
Phenol-d6
Concen: 122.498 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion: 99 Resp: 1092763

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	37.9	26.9	40.3

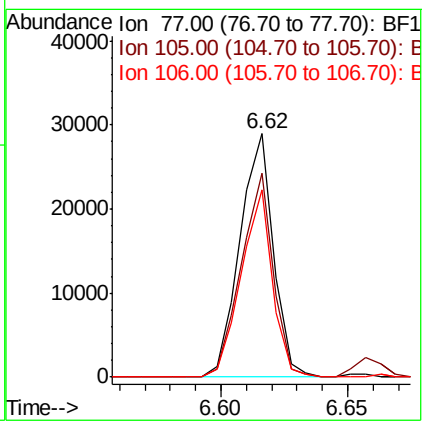


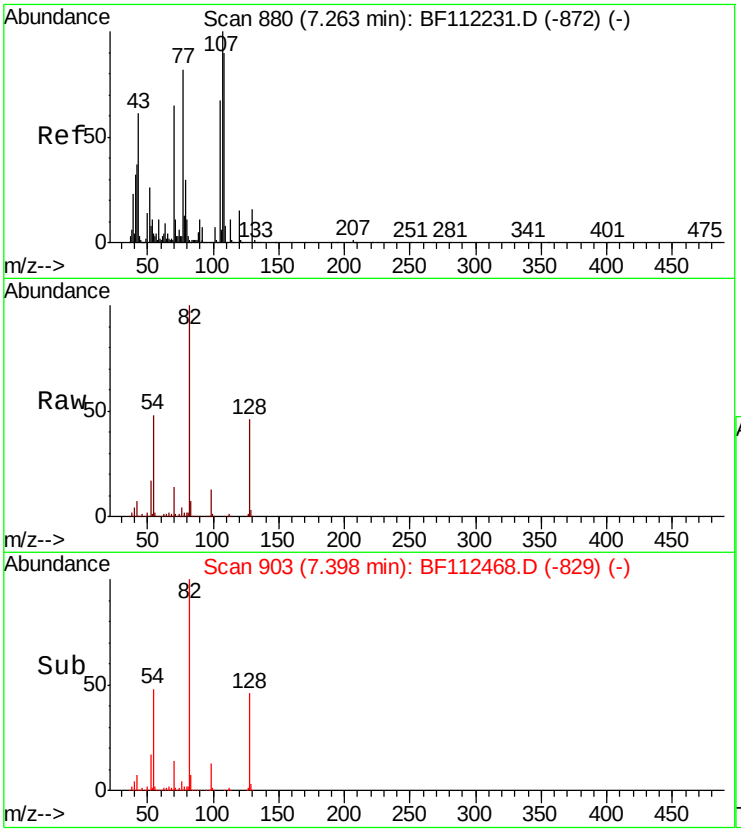


#9
Benzaldehyde
Concen: 5.694 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.22 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion: 77 Resp: 26551

Ion	Ratio	Lower	Upper
77	100		
105	83.8	80.8	120.8
106	76.9	75.7	115.7



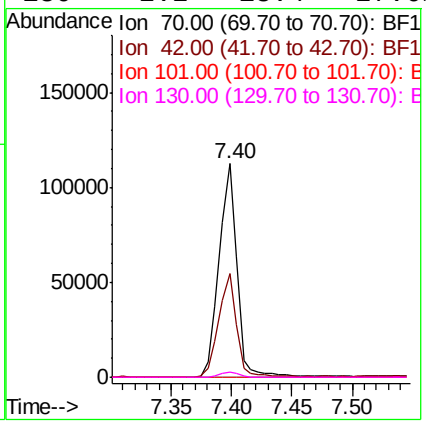


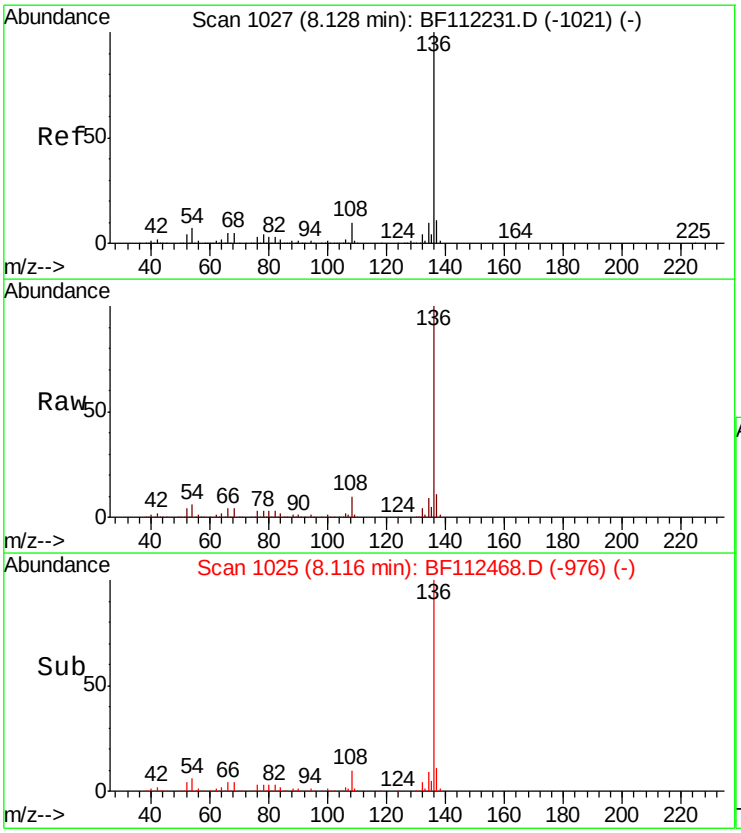
#19
n-Nitroso-di-n-propylamine
Concen: 18.898 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion: 70 Resp: 116246

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#

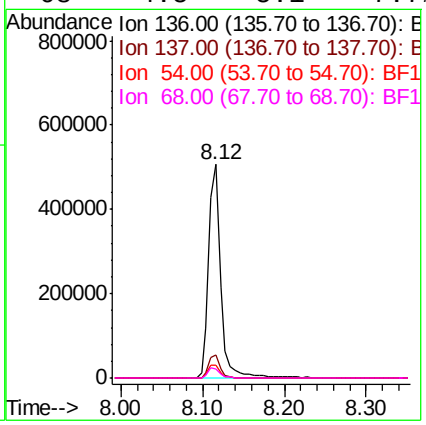


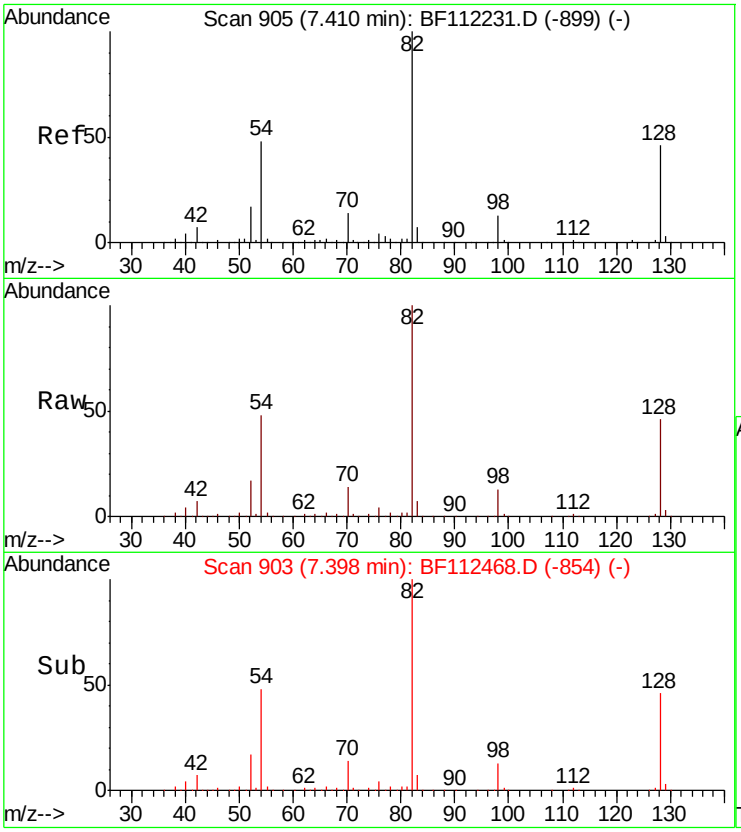


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion:136 Resp: 518220

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.9	5.9	8.9#
68	4.5	5.1	7.7#



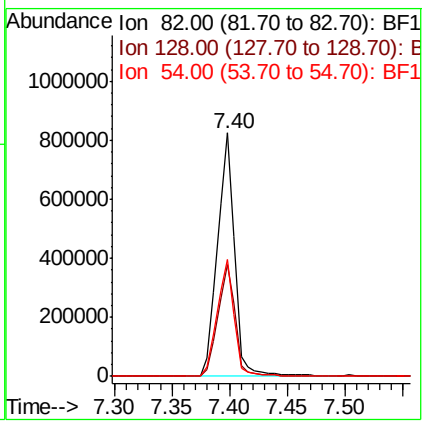


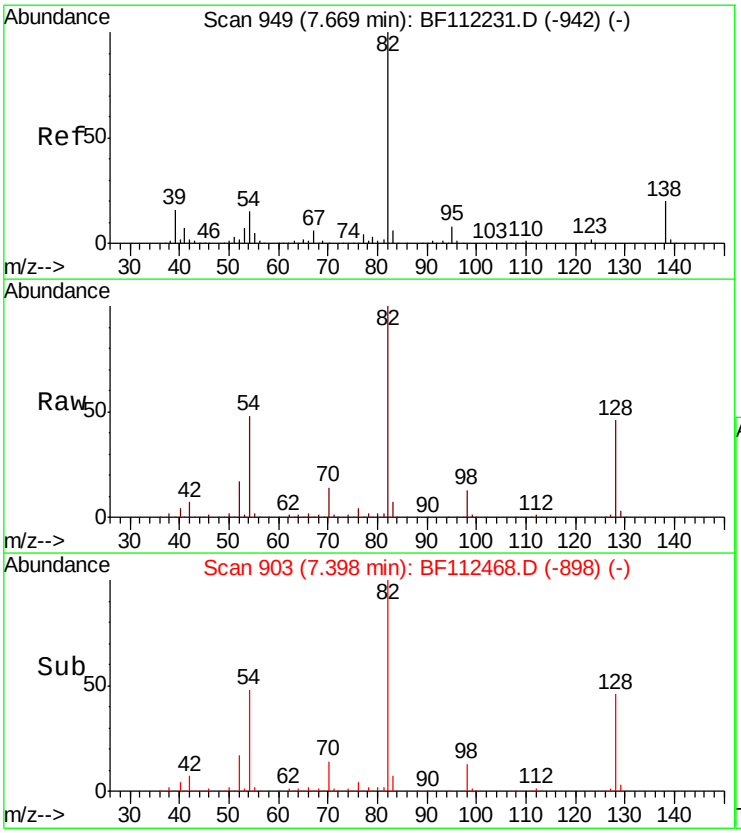
#23
Nitrobenzene-d5
Concen: 95.100 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion: 82 Resp: 855313

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.8	56.8
54	48.1	39.7	59.5

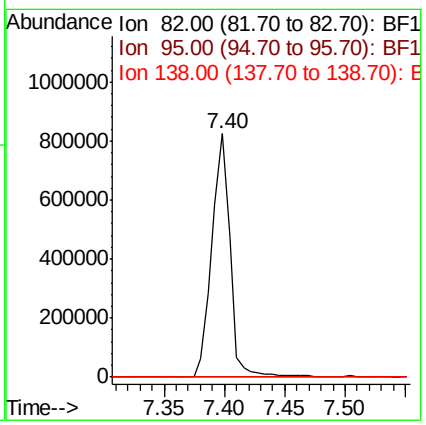


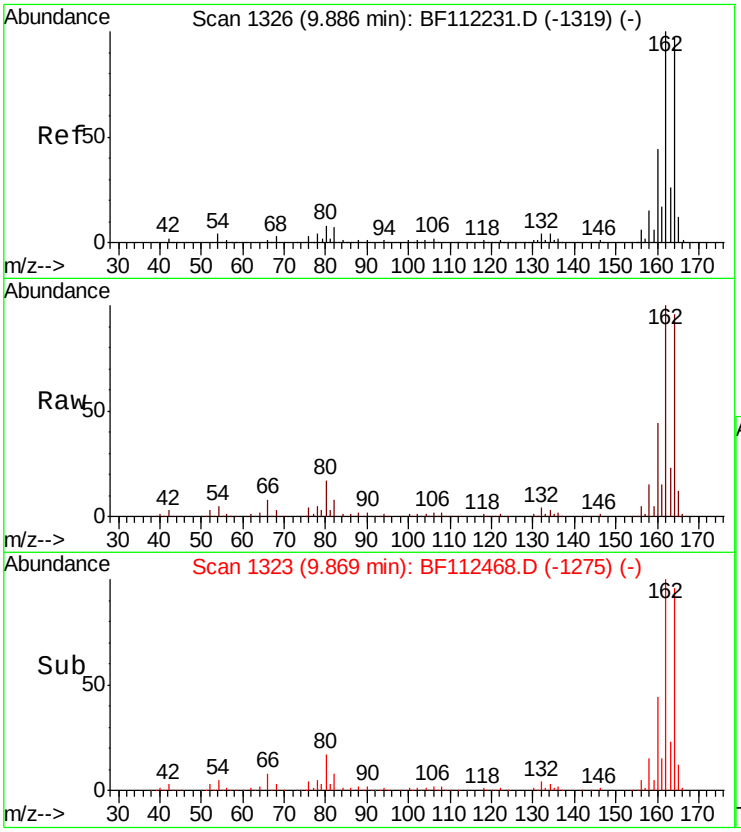


#25
Isophorone
Concen: 60.620 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion: 82 Resp: 855302

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



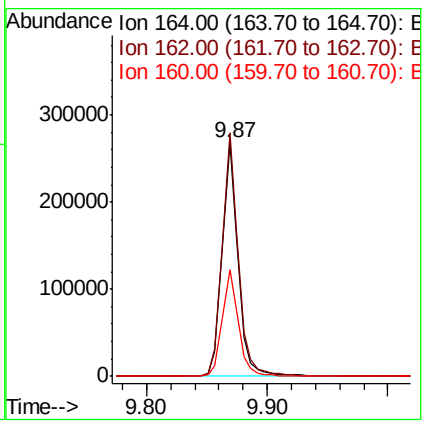


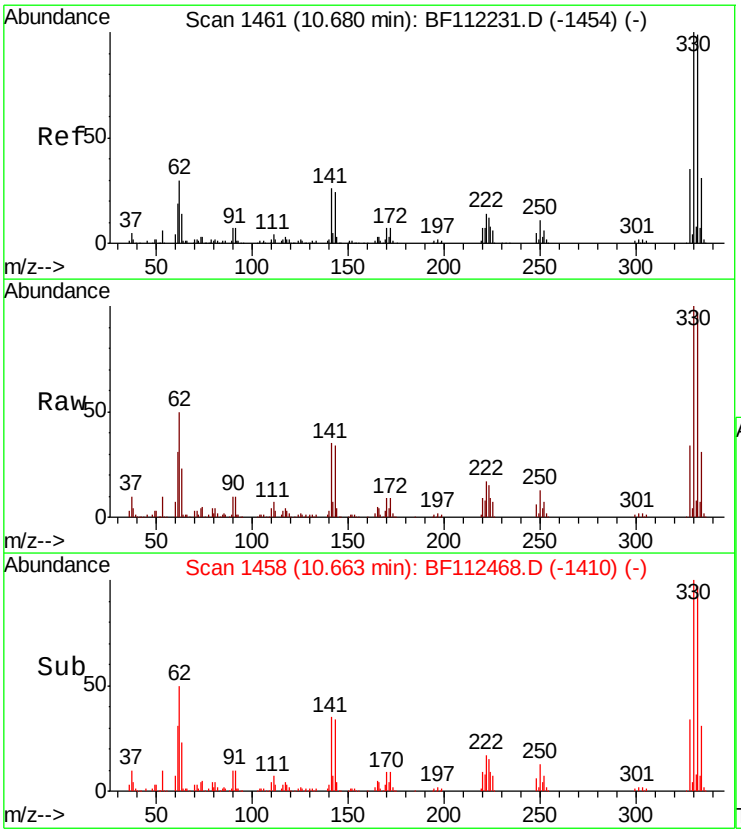
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion:164 Resp: 244825

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.4
160	45.8	36.2	54.4

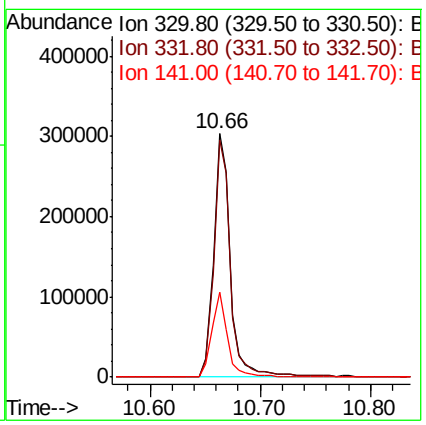


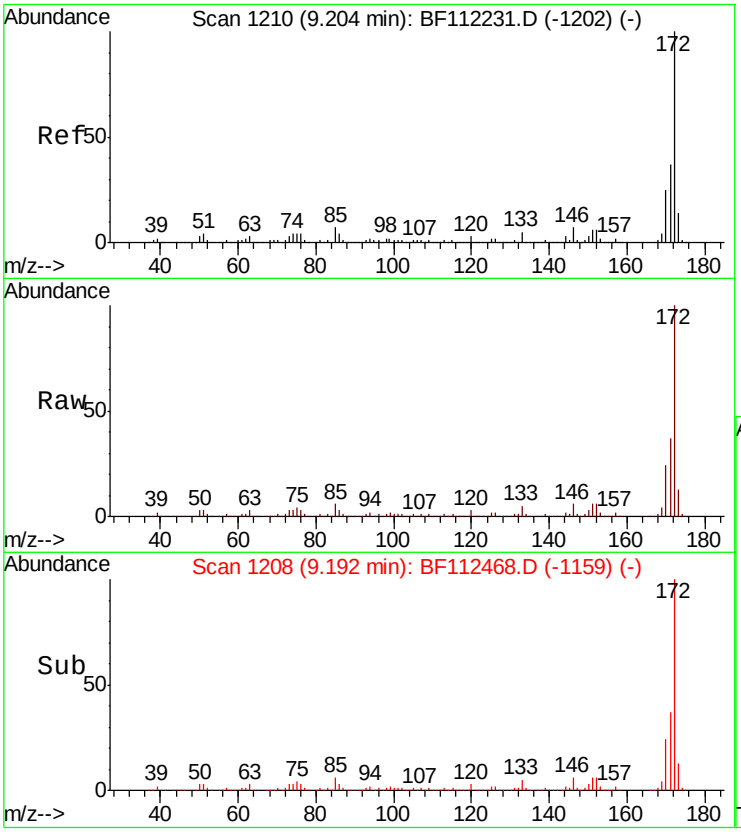


#42
2,4,6-Tribromophenol
Concen: 111.196 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion:330 Resp: 316874

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	33.2	24.3	36.5



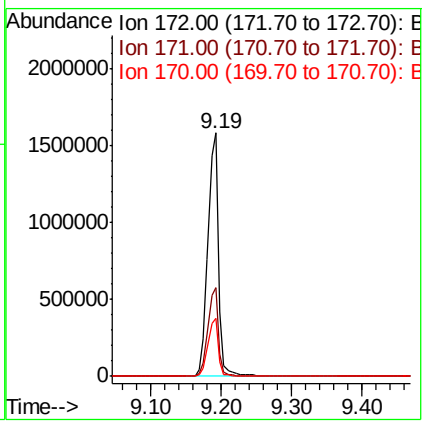


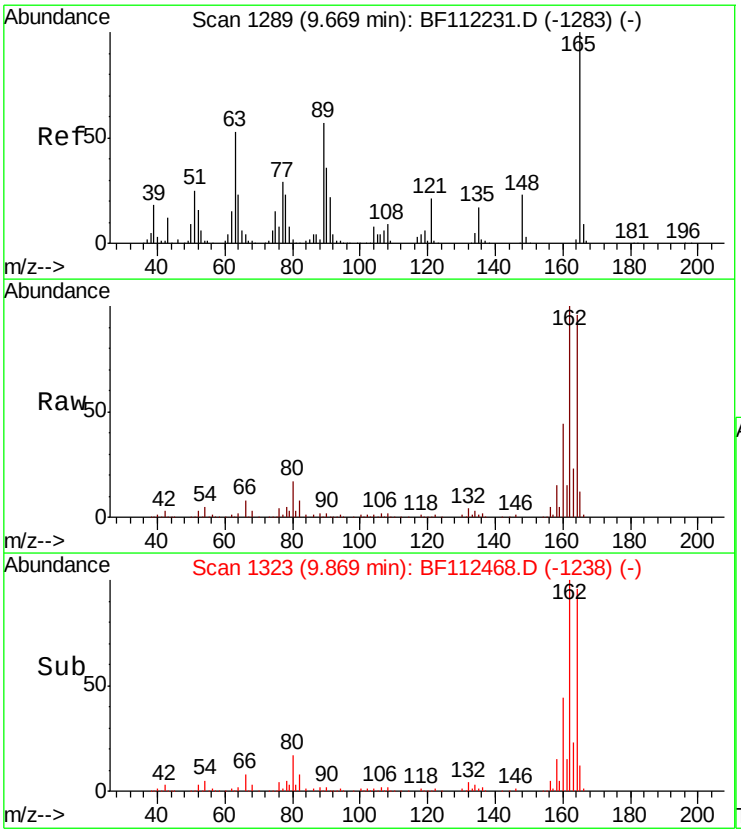
#45
2-Fluorobiphenyl
Concen: 96.744 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion:172 Resp: 1674664

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.1	20.2	30.4

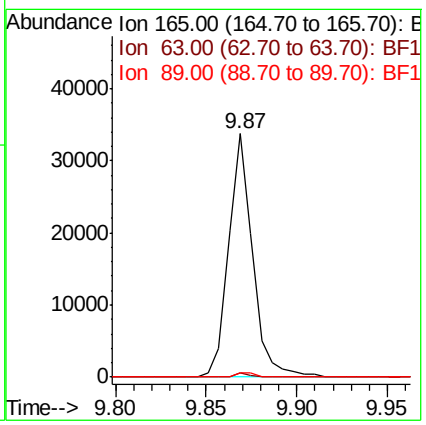


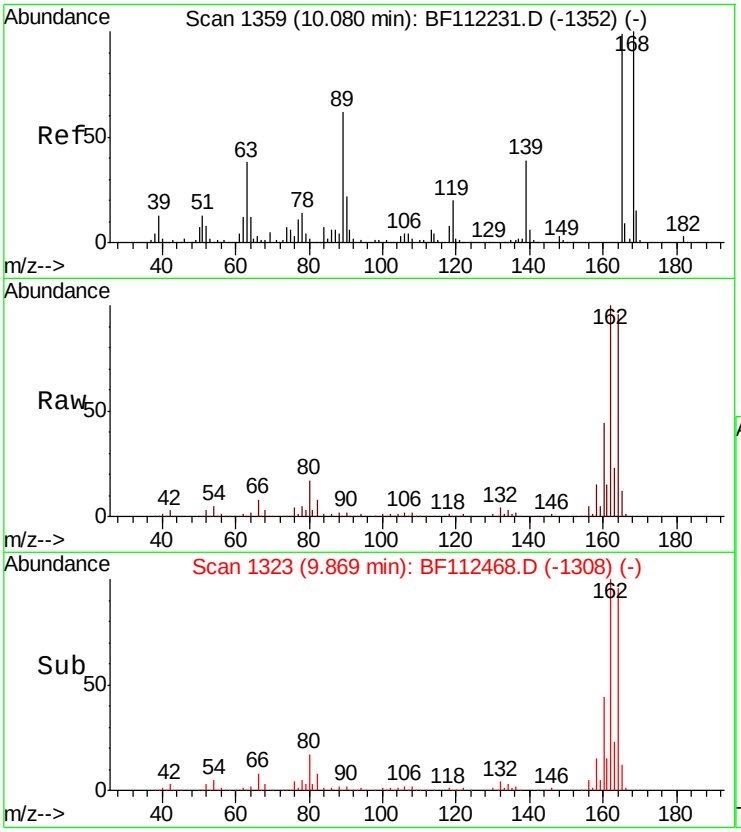


#51
2,6-Dinitrotoluene
Concen: 7.317 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion:165 Resp: 31173

Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.8#
89	1.7	36.9	55.3#



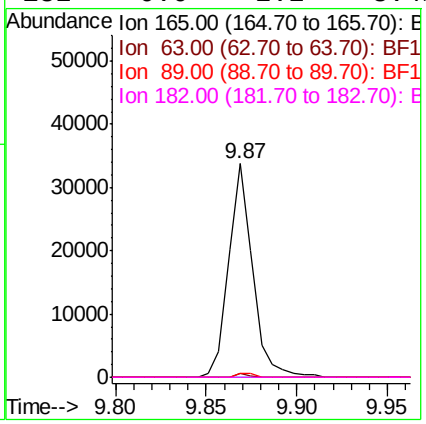


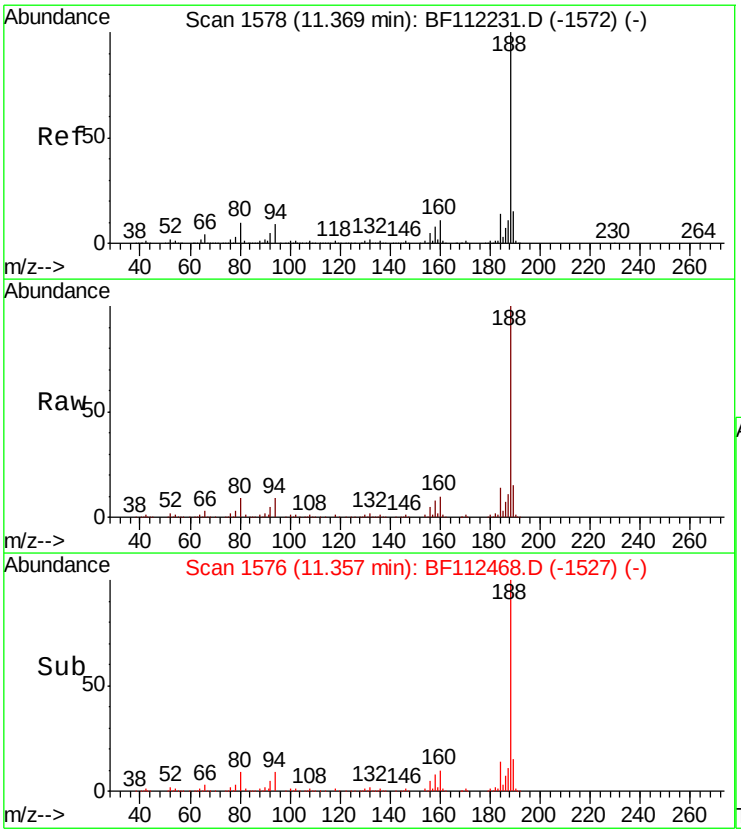
#57
2,4-Dinitrotoluene
Concen: 5.748 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion:165 Resp: 31173

Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#

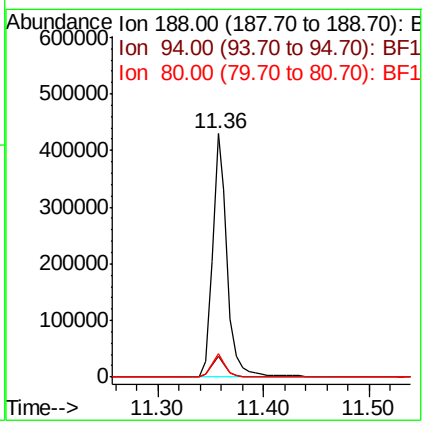


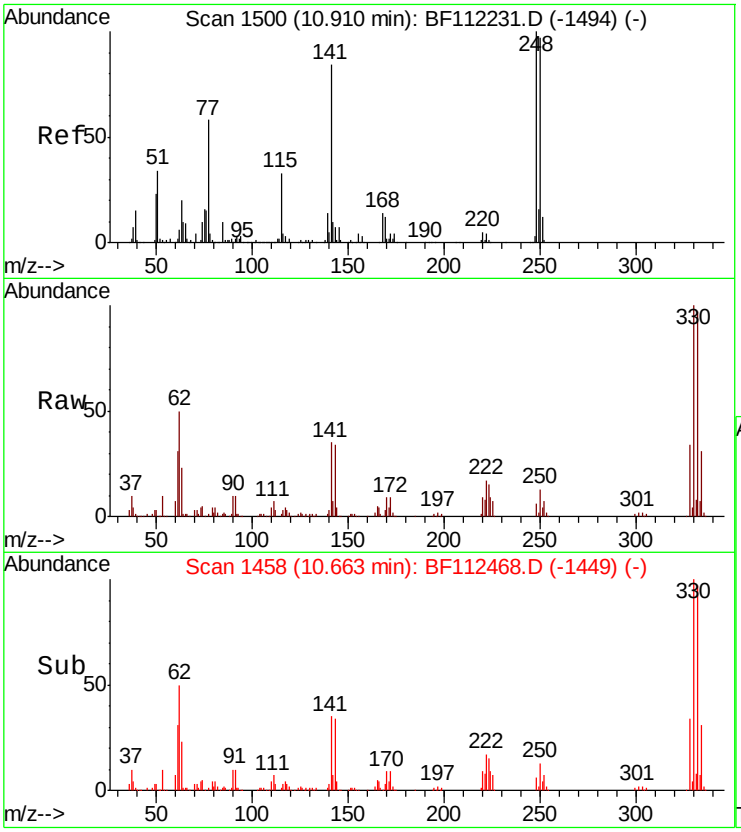


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion:188 Resp: 421520

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.4	8.9	13.3



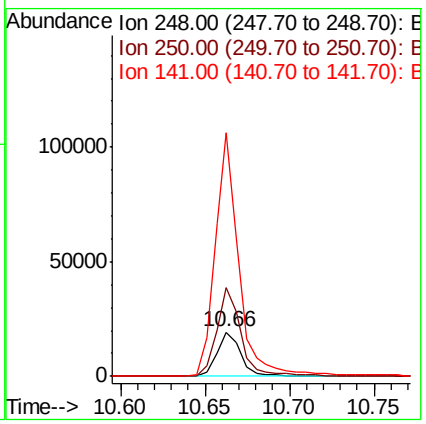


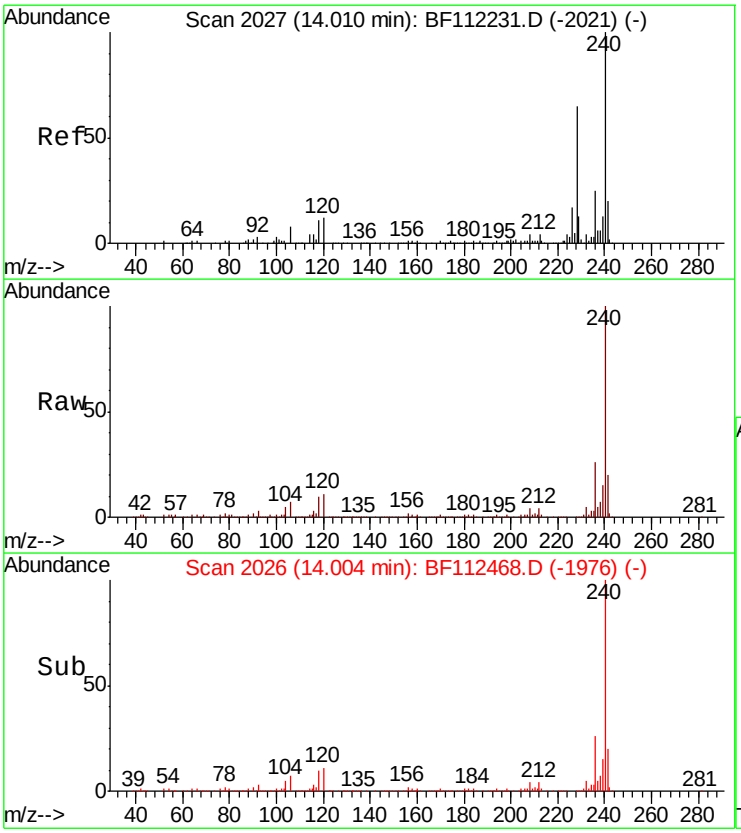
#67
4-Bromophenyl-phenylether
Concen: 3.865 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion:248 Resp: 19159

Ion	Ratio	Lower	Upper
248	100		
250	202.8	79.7	119.5#
141	552.7	60.3	90.5#

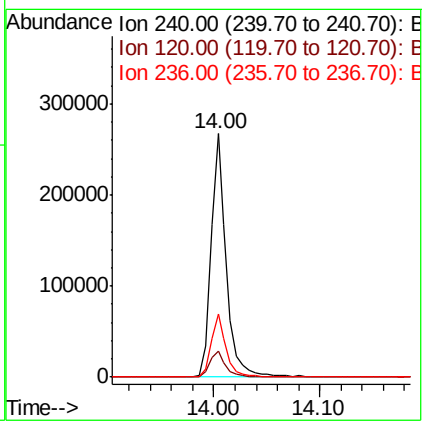


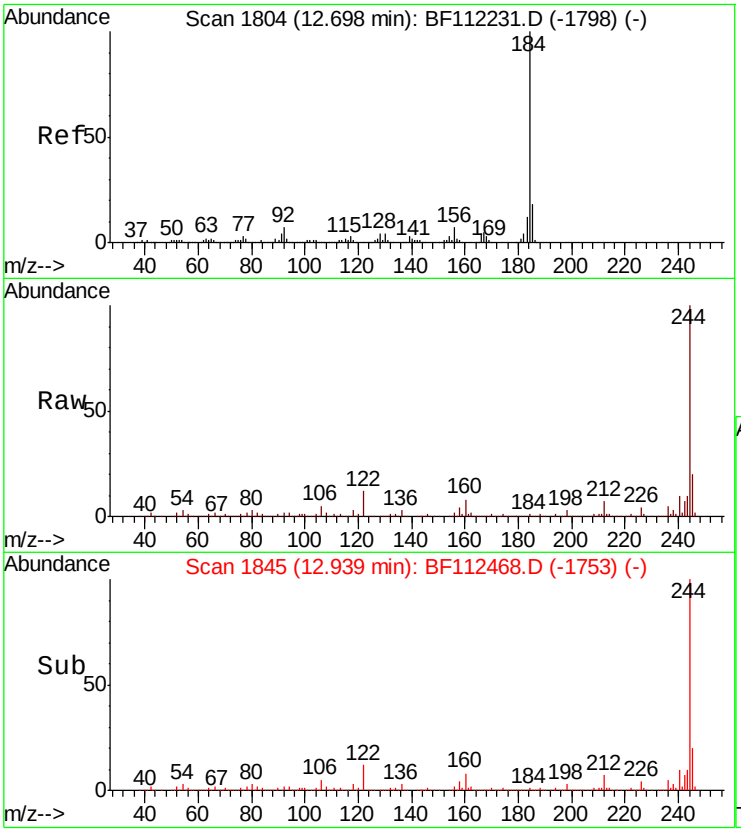


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion:240 Resp: 270494

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	26.1	20.7	31.1



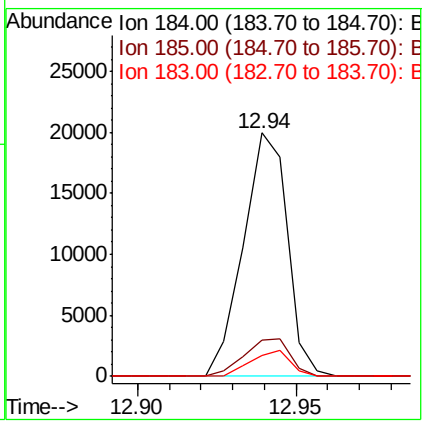


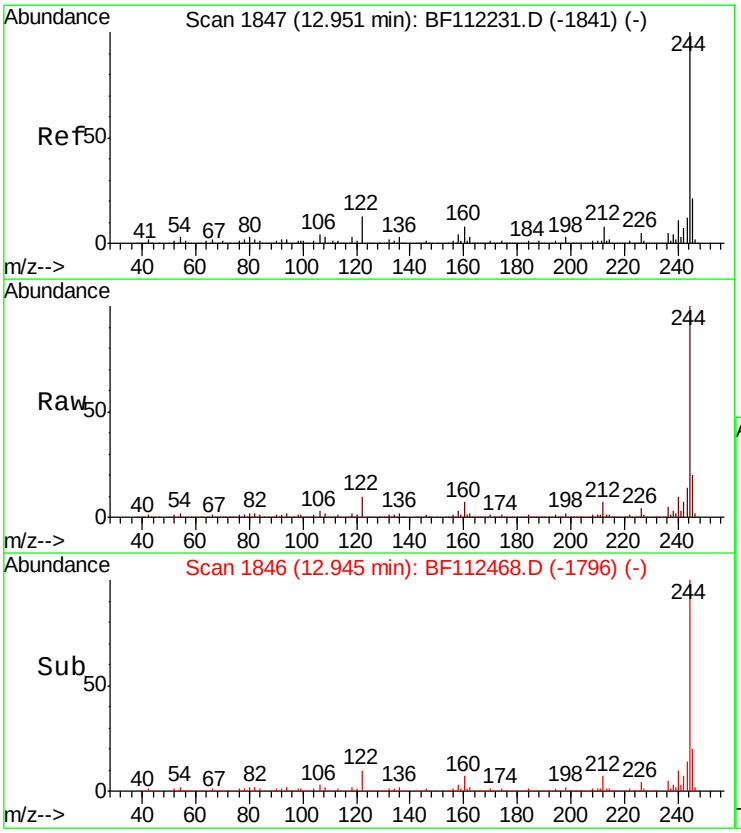
#77
Benzidine
Concen: 2.590 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion:184 Resp: 19281

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.9	20.9
183	8.5	10.0	15.0#

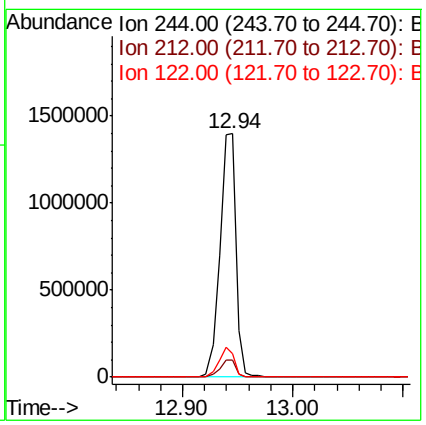


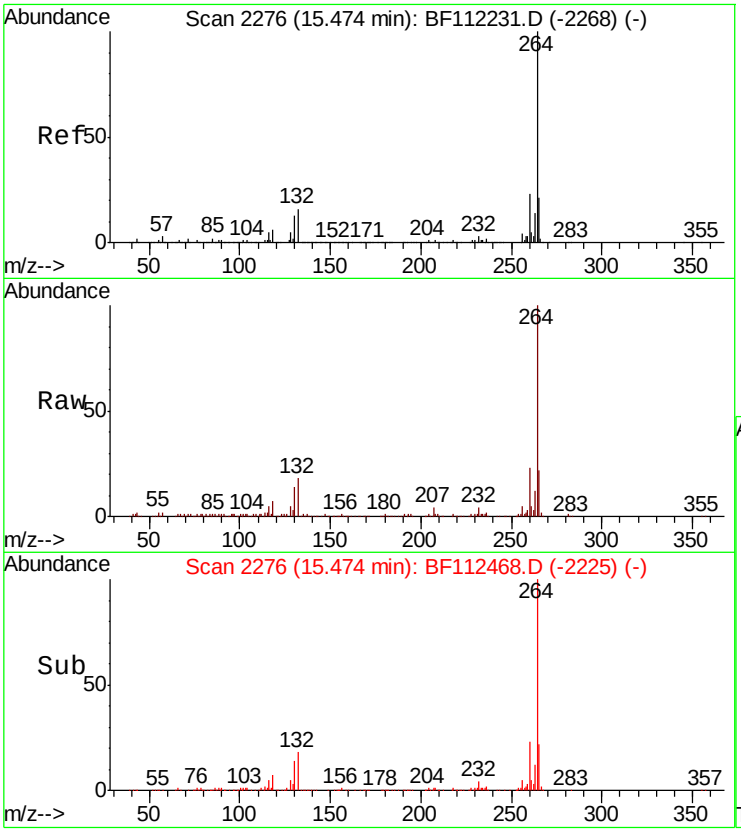


#79
Terphenyl-d14
Concen: 99.310 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion:244 Resp: 1426253

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.6	9.8	14.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion:264 Resp: 281141

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.7	17.0	25.4