Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
Data File : BF112500.D
Acq On : 12 Feb 2019 00:30
Operator : JU/SJ
Sample : K1452-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-2

Quant Time: Feb 12 01:41:26 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	114800	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	432480	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	191975	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	304731	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	235945	20.00	ng	0.00
87) Perylene-d12	15.47	264	217008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	786006	145.43	ng	0.00
7) Phenol-d6	6.48	99	862063	114.79	ng	-0.01
23) Nitrobenzene-d5	7.40	82	684573	91.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	273793	122.53	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1367277	100.73	ng	-0.02
79) Terphenyl-d14	12.94	244	1082447	86.41	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	92501	17.862	ng	# 76
25) Isophorone	7.40	82	684569	58.138	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	24380	7.298	ng	# 33
57) 2,4-Dinitrotoluene	9.87	165	24380	5.733	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	16081	4.487	ng	# 1
77) Benzidine	12.94	184	14652	2.256	ng	95

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

Quantitation Report (Not Reviewed)

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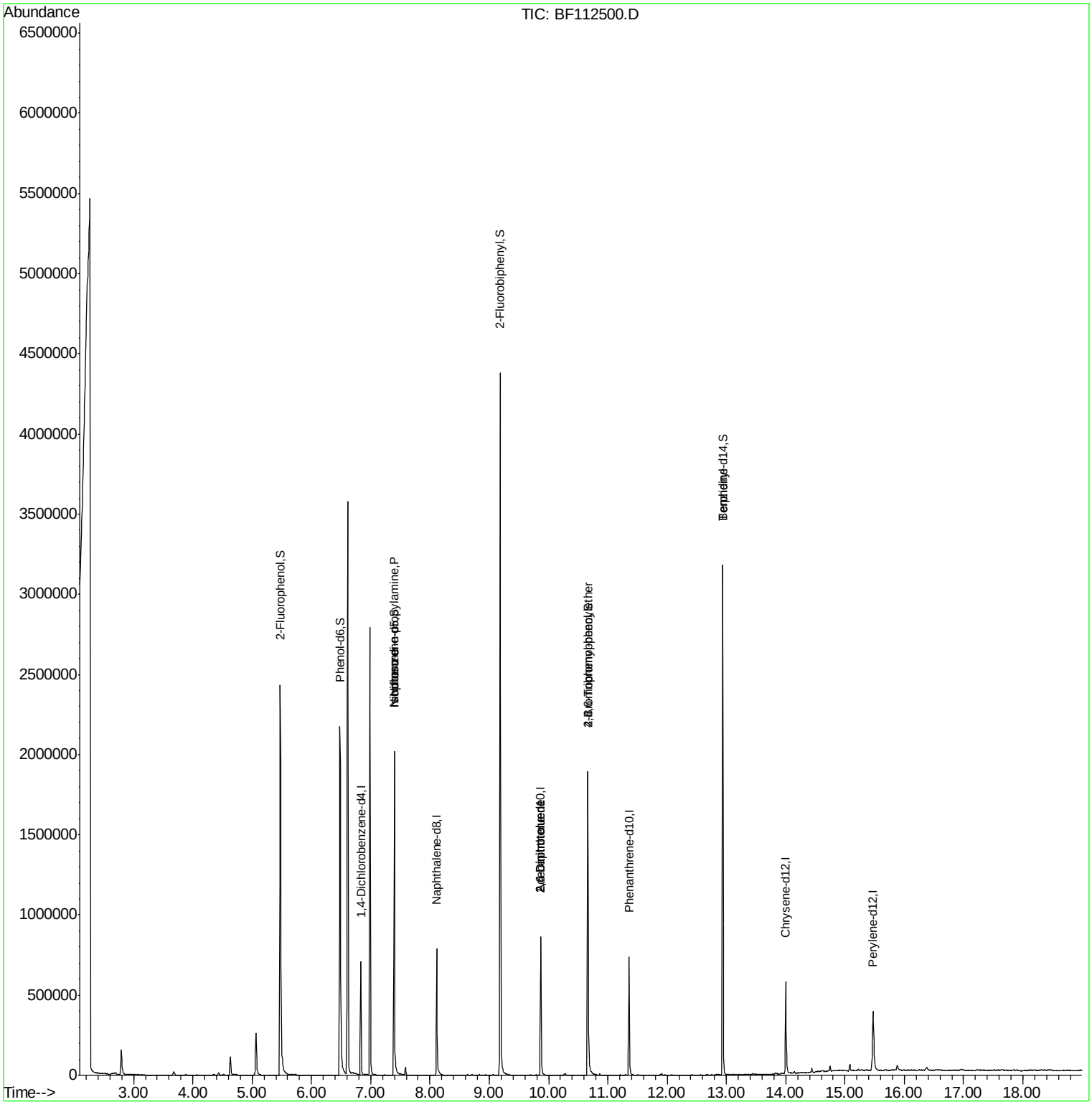
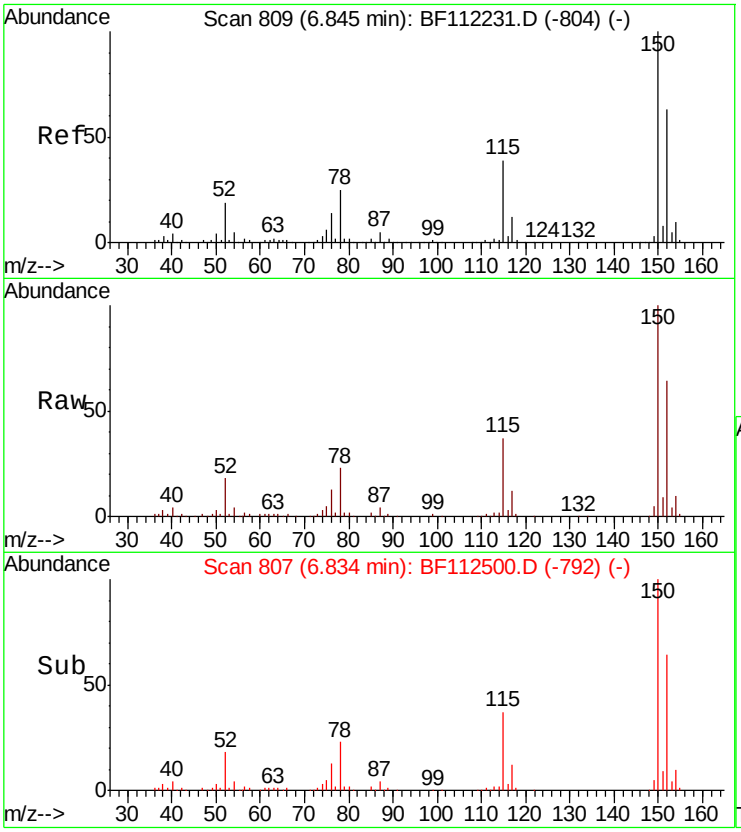


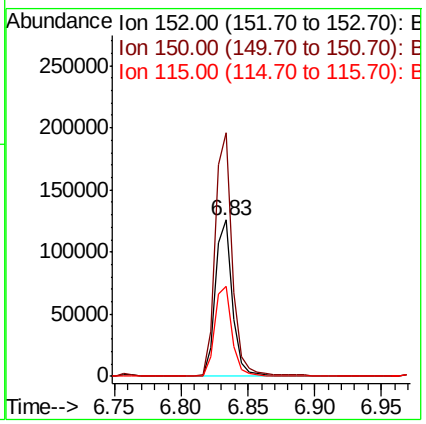


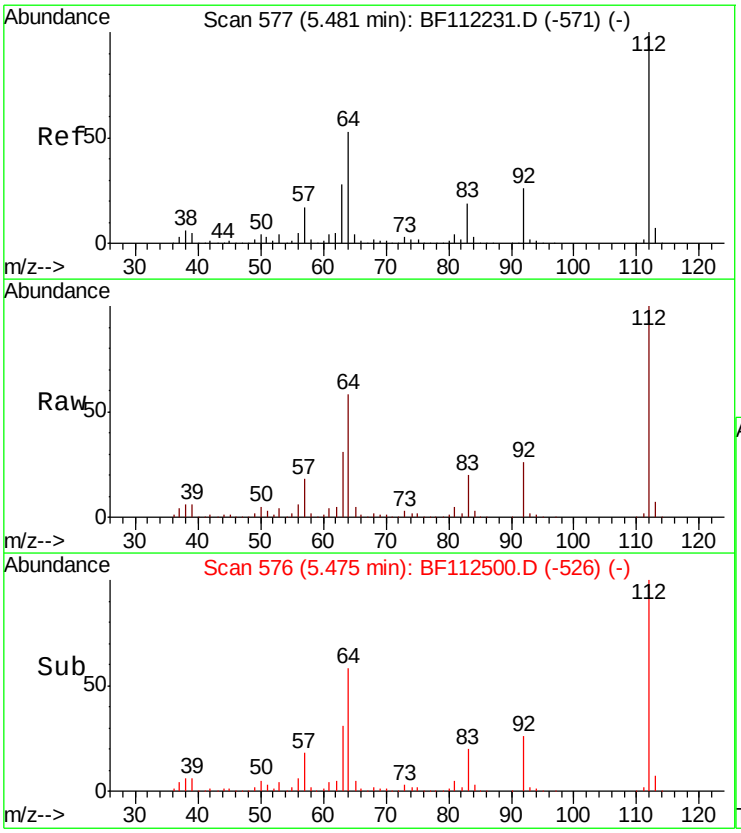
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion:152 Resp: 114800

Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	57.5	45.5	68.3

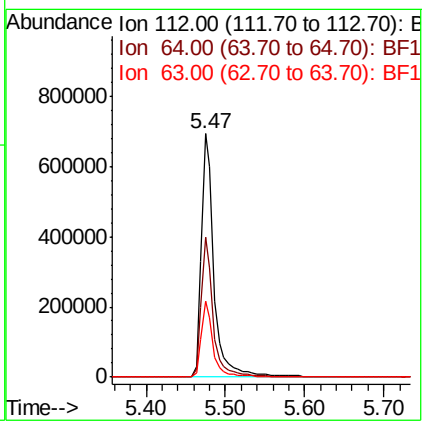


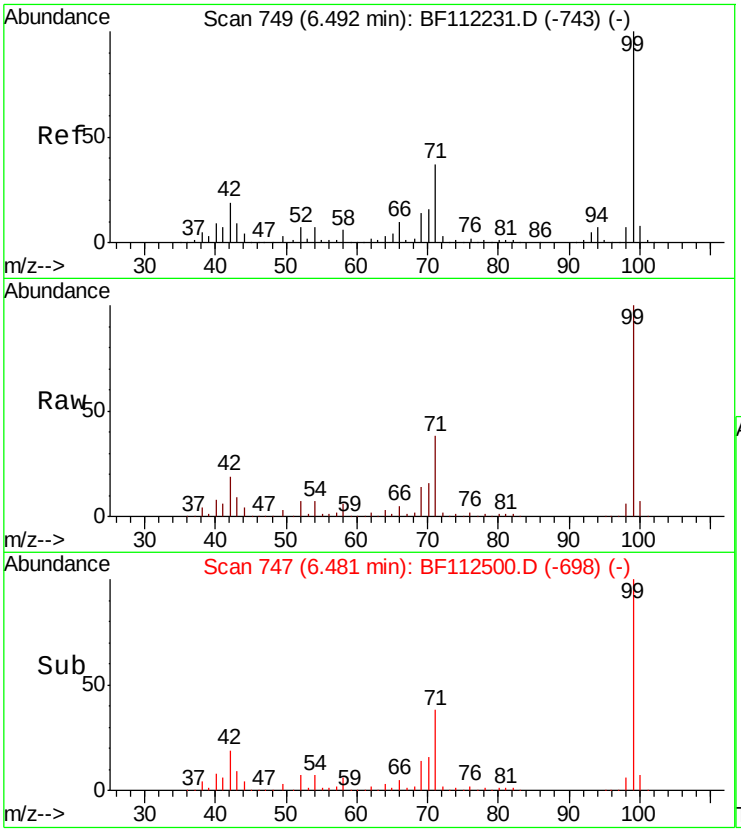


#5
2-Fluorophenol
Concen: 145.429 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:112 Resp: 786006

Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.7	68.5
63	31.2	23.6	35.4



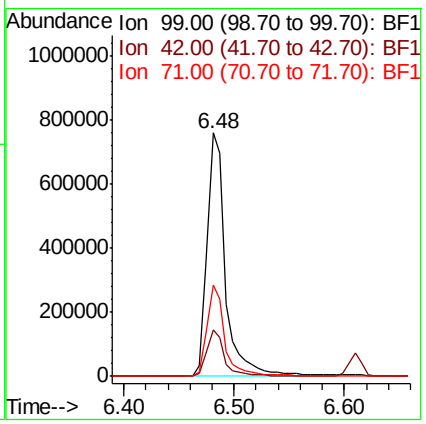


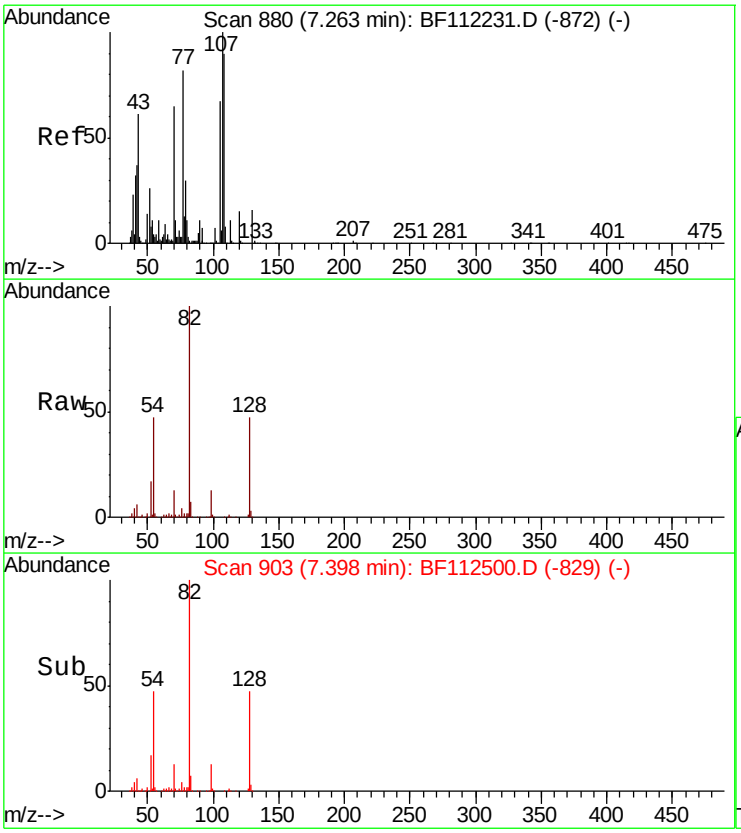
#7
Phenol-d6
Concen: 114.786 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion: 99 Resp: 862063

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.7	26.9	40.3

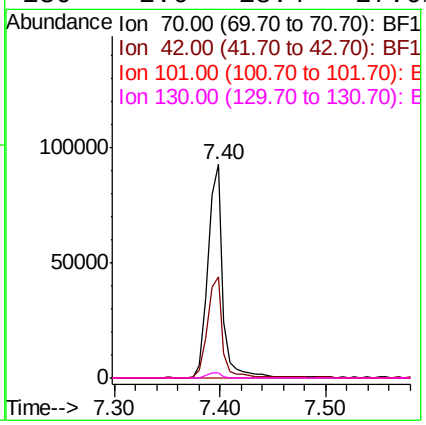


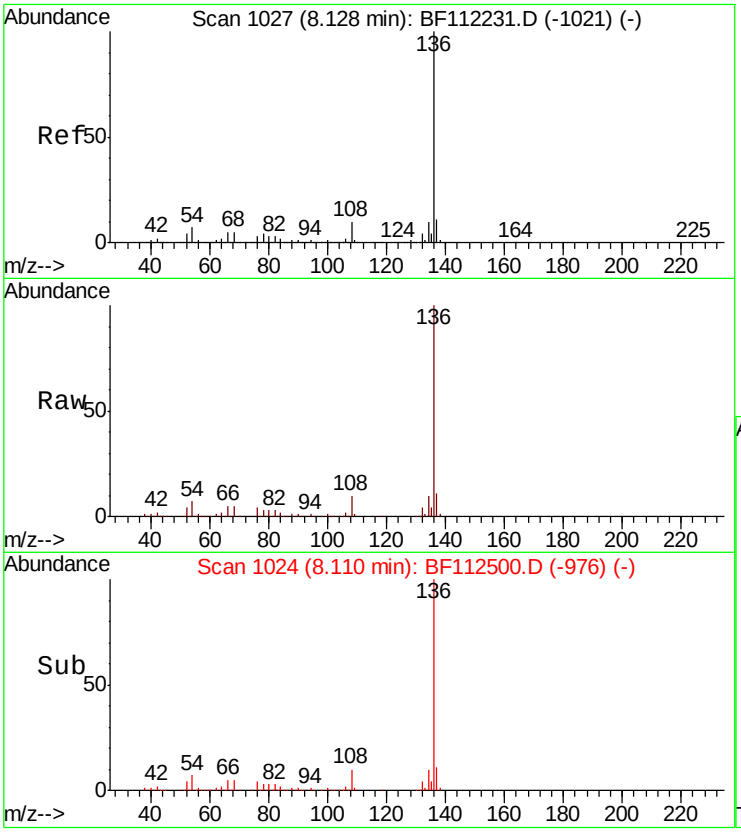


#19
n-Nitroso-di-n-propylamine
Concen: 17.862 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion: 70 Resp: 92501

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.6	71.4#
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#



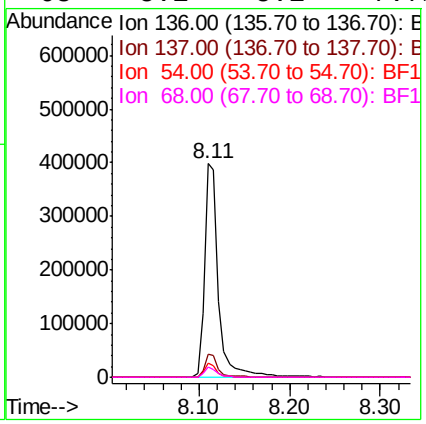


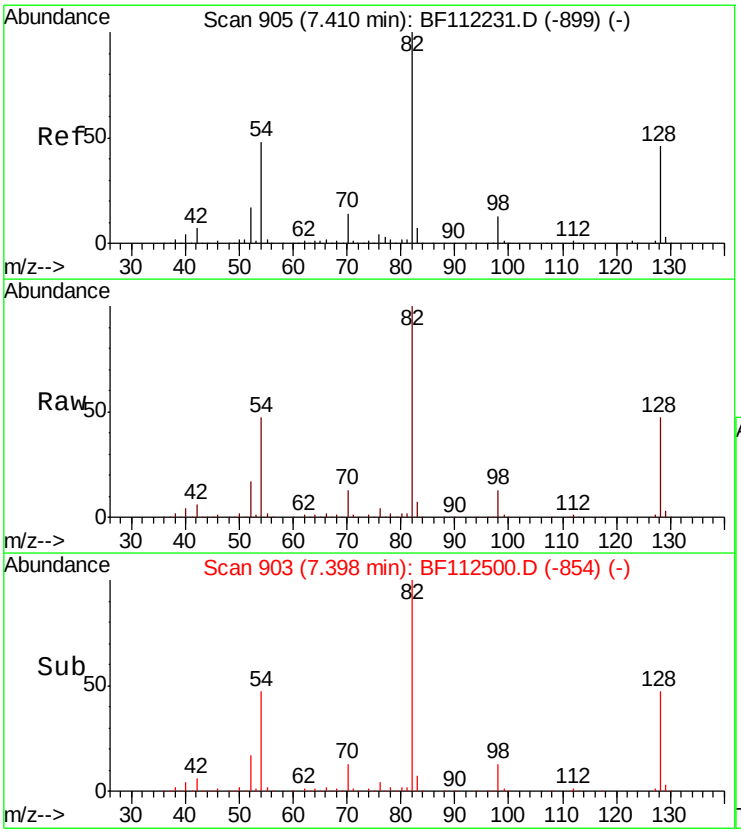
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion:136 Resp: 432480

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	5.9	8.9
68	5.1	5.1	7.7#

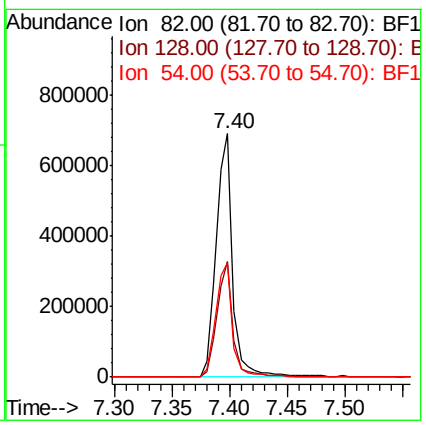


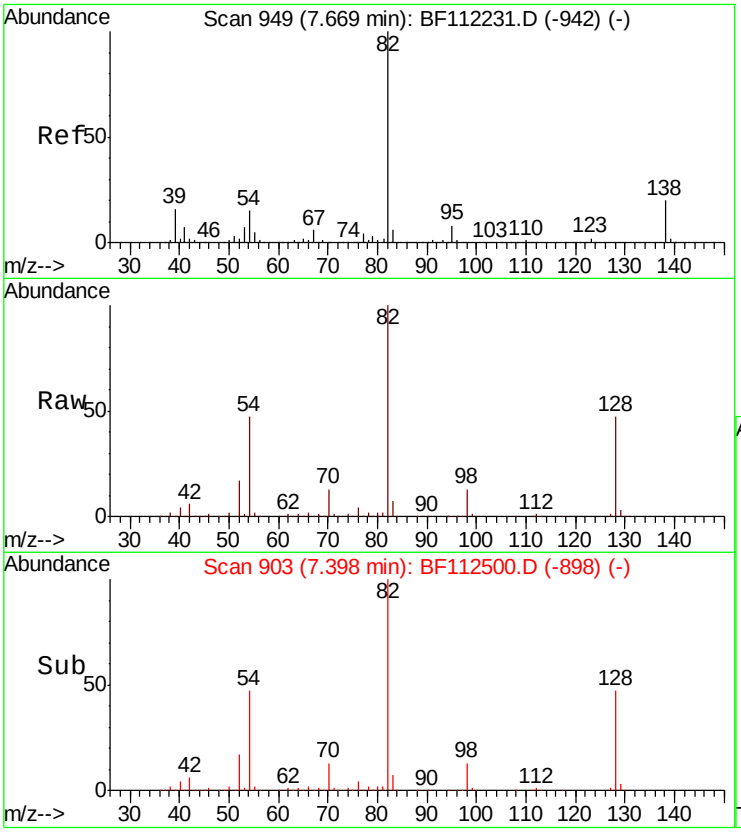


#23
Nitrobenzene-d5
Concen: 91.206 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion: 82 Resp: 684573

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	47.2	39.7	59.5



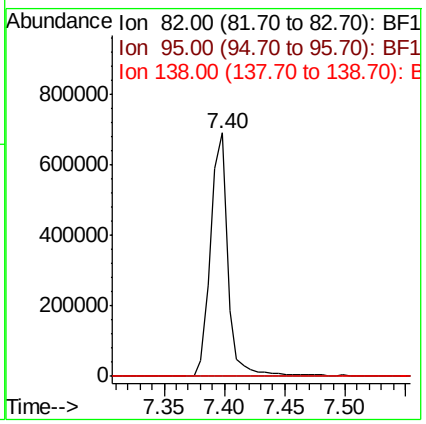


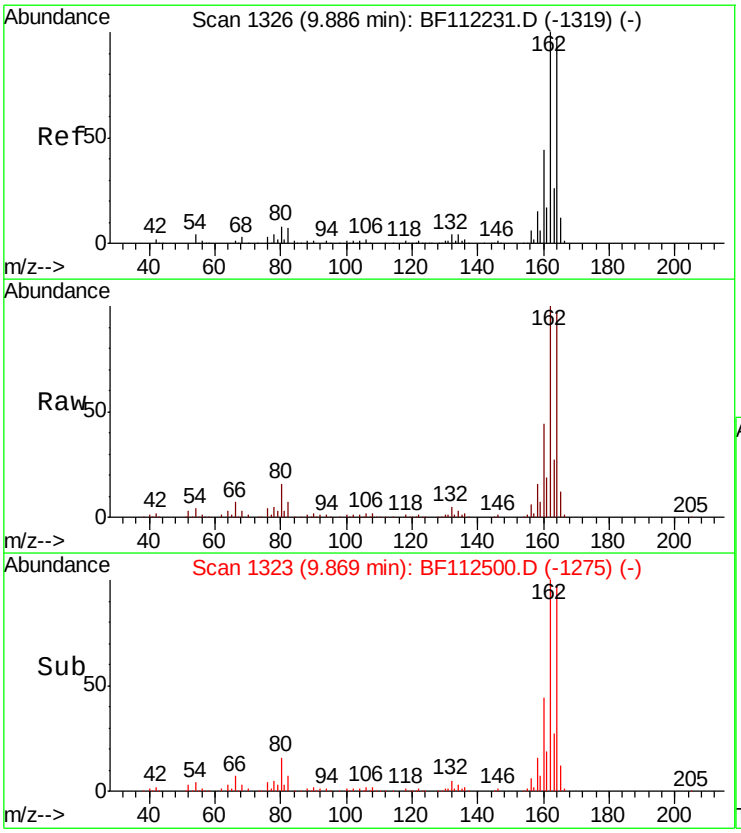
#25
Isophorone
Concen: 58.138 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion: 82 Resp: 684569

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

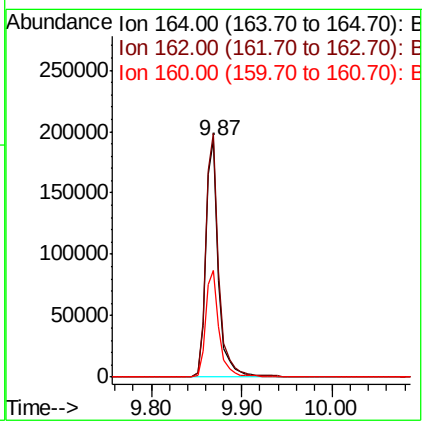


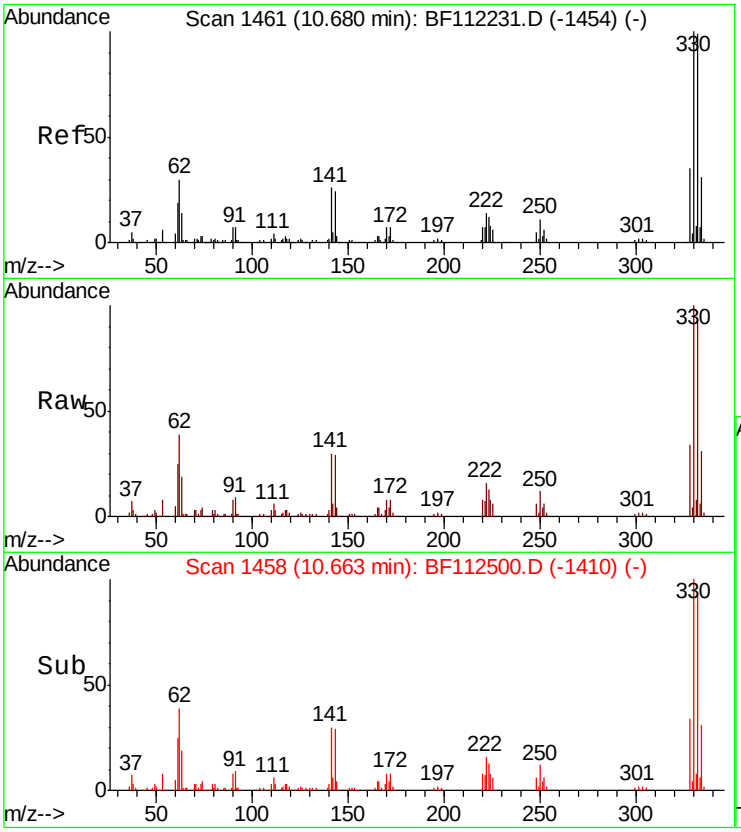


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:164 Resp: 191975

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	45.1	36.2	54.4



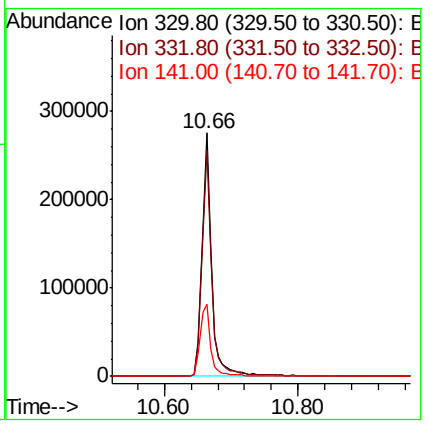


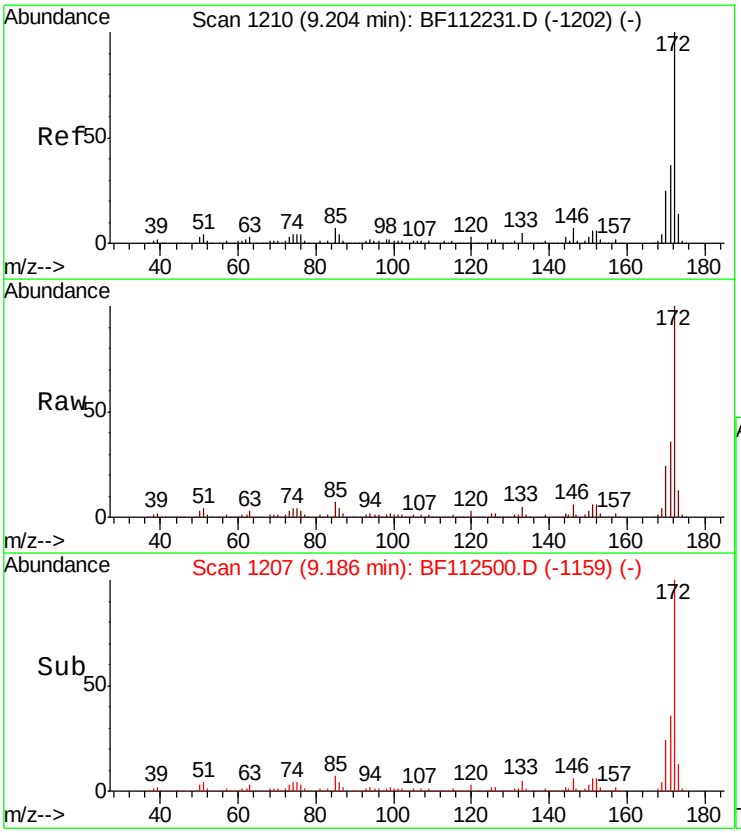
#42
2,4,6-Tribromophenol
Concen: 122.528 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion:330 Resp: 273793

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.6	114.8
141	32.2	24.3	36.5

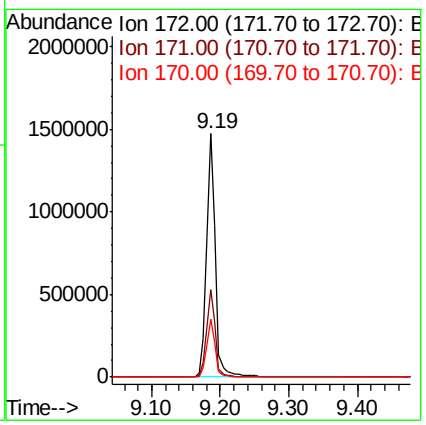


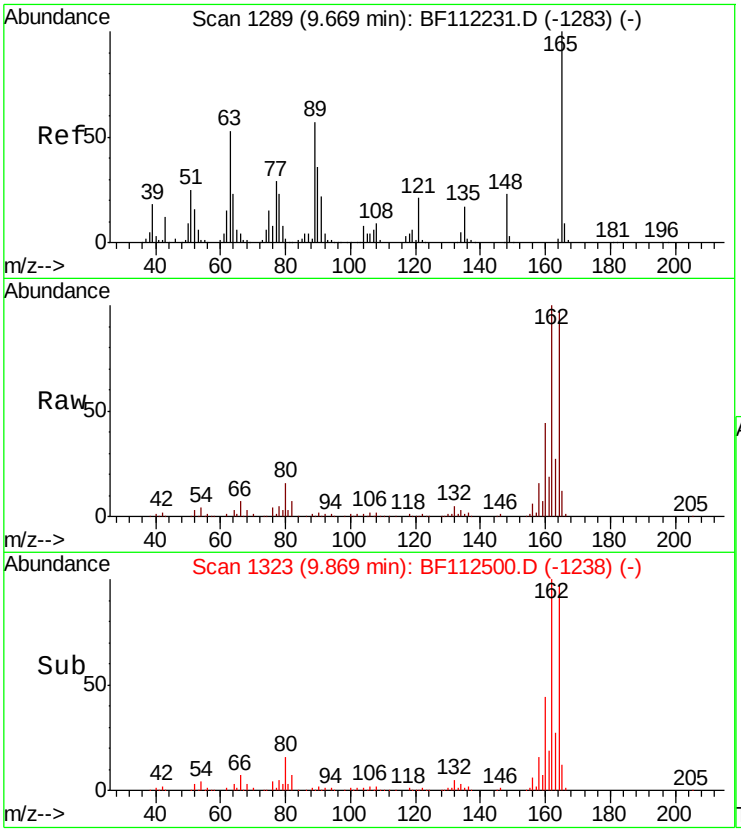


#45
2-Fluorobiphenyl
Concen: 100.731 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:172 Resp: 1367277

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	24.0	20.2	30.4



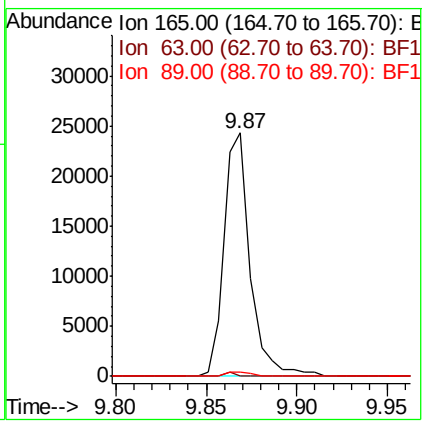


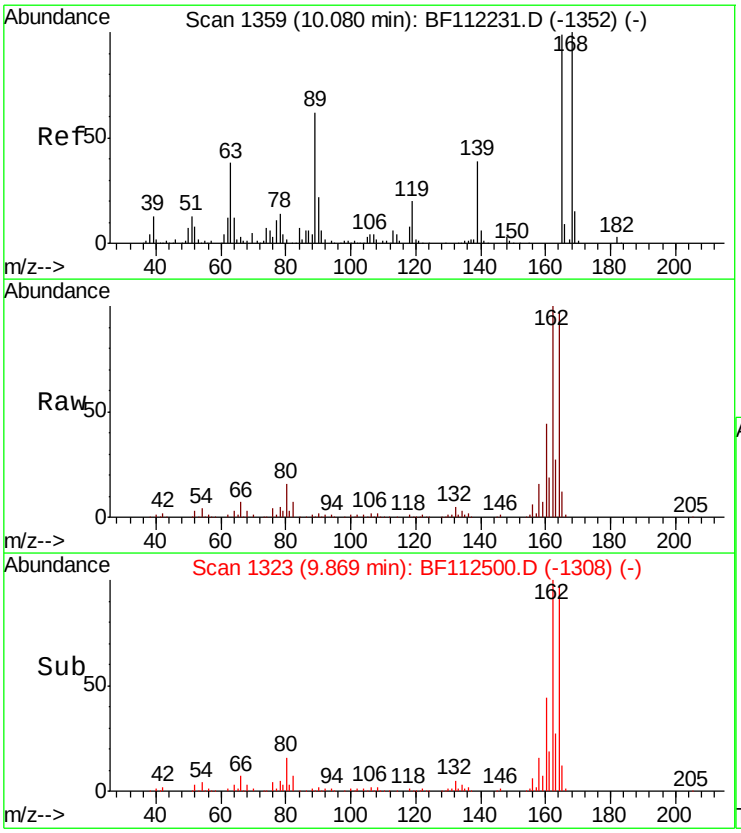
#51
2,6-Dinitrotoluene
Concen: 7.298 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion:165 Resp: 24380

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	2.0	36.9	55.3#

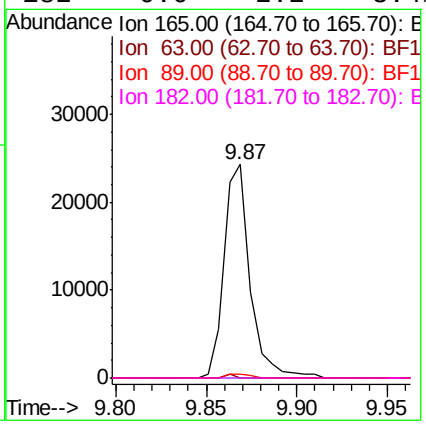


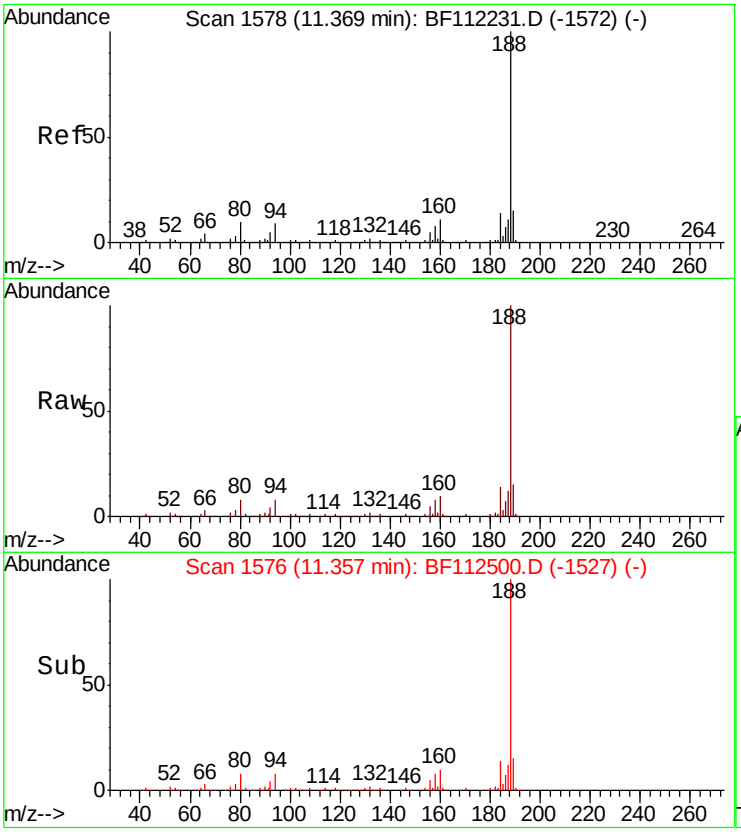


#57
2,4-Dinitrotoluene
Concen: 5.733 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:165 Resp: 24380

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.9	41.9#
89	2.0	47.9	71.9#
182	0.0	2.2	3.4#



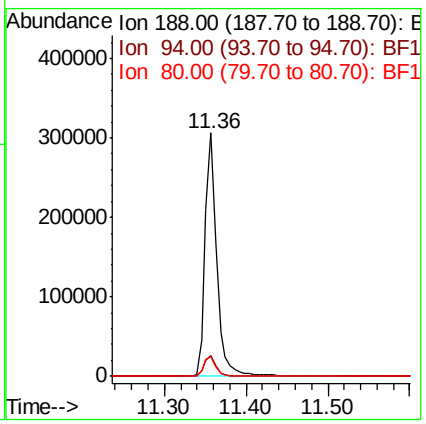


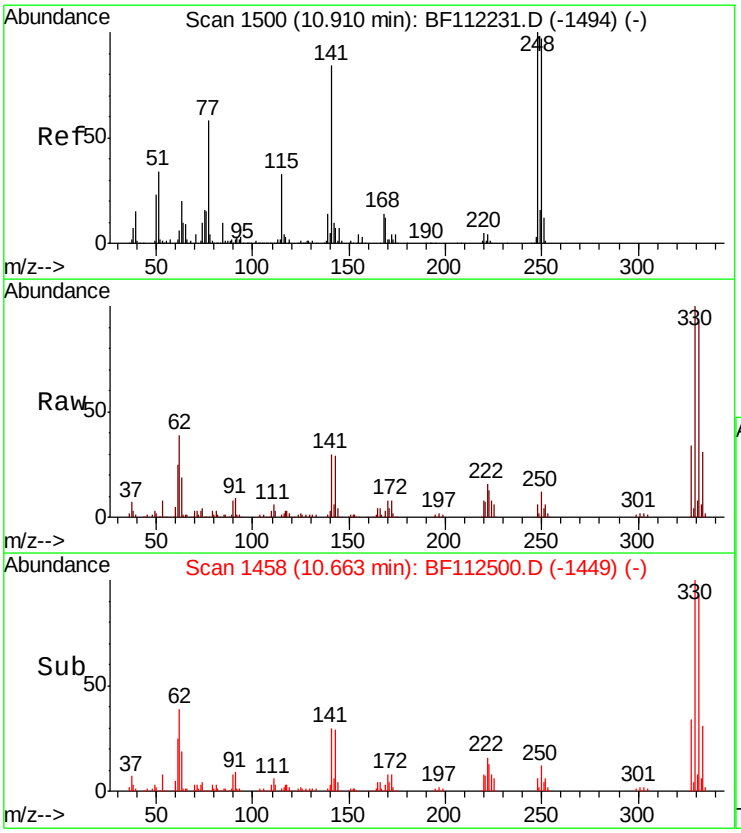
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion:188 Resp: 304731

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.1	8.9	13.3#

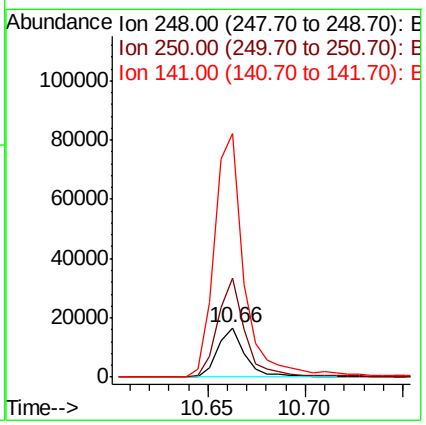


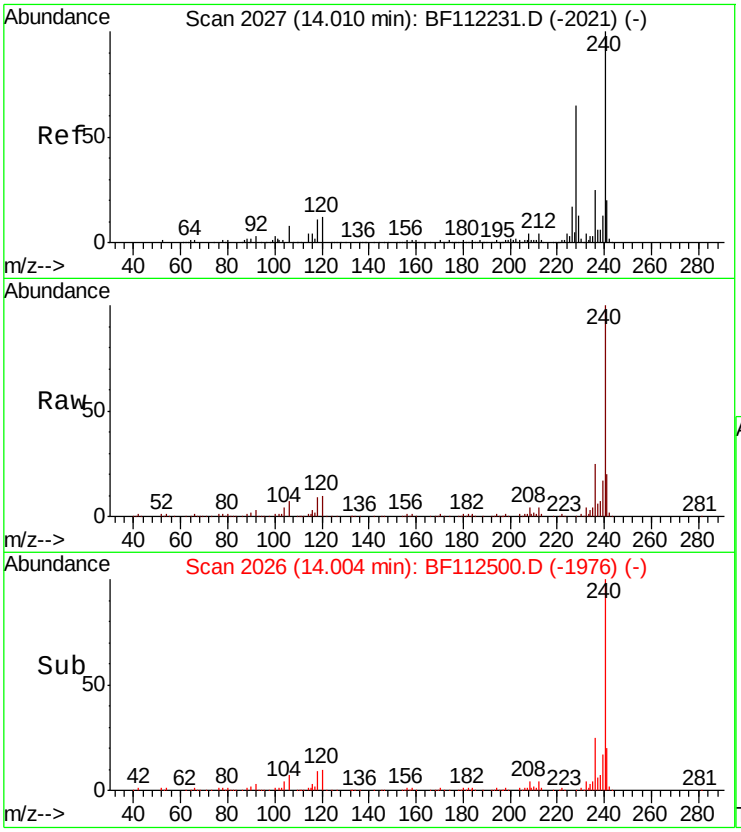


#67
4-Bromophenyl-phenylether
Concen: 4.487 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:248 Resp: 16081

Ion	Ratio	Lower	Upper
248	100		
250	200.0	79.7	119.5#
141	492.2	60.3	90.5#



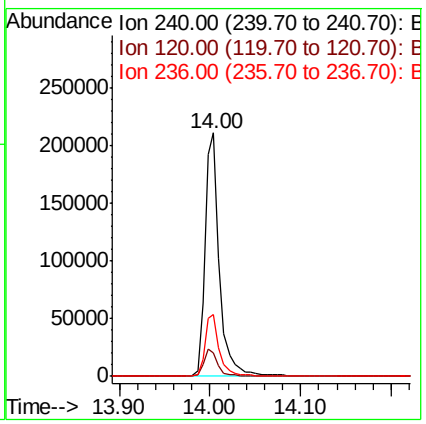


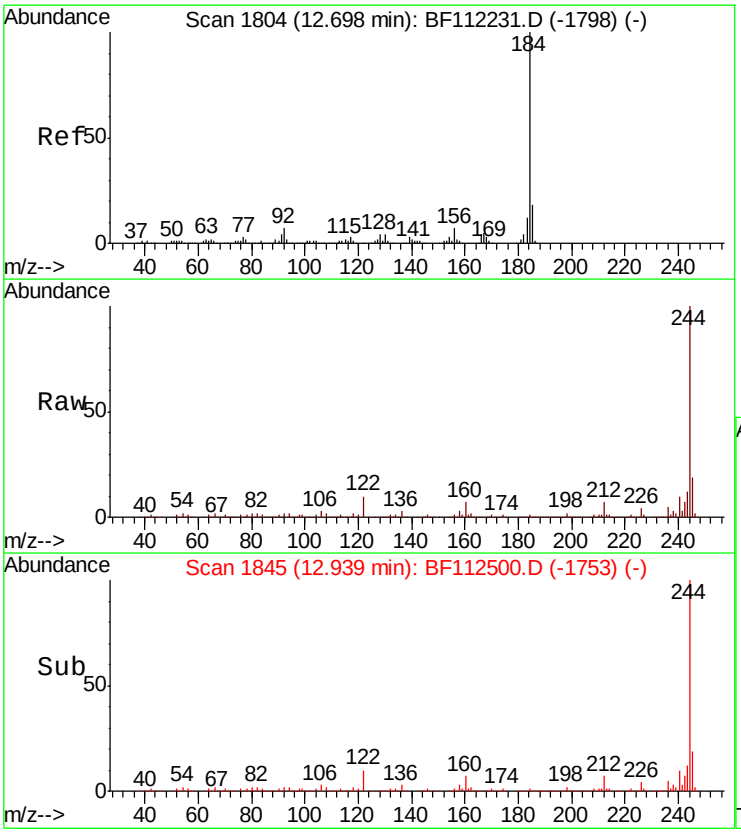
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion:240 Resp: 235945

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.6
236	25.4	20.7	31.1

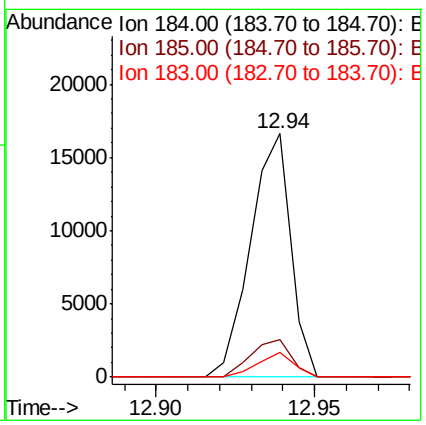


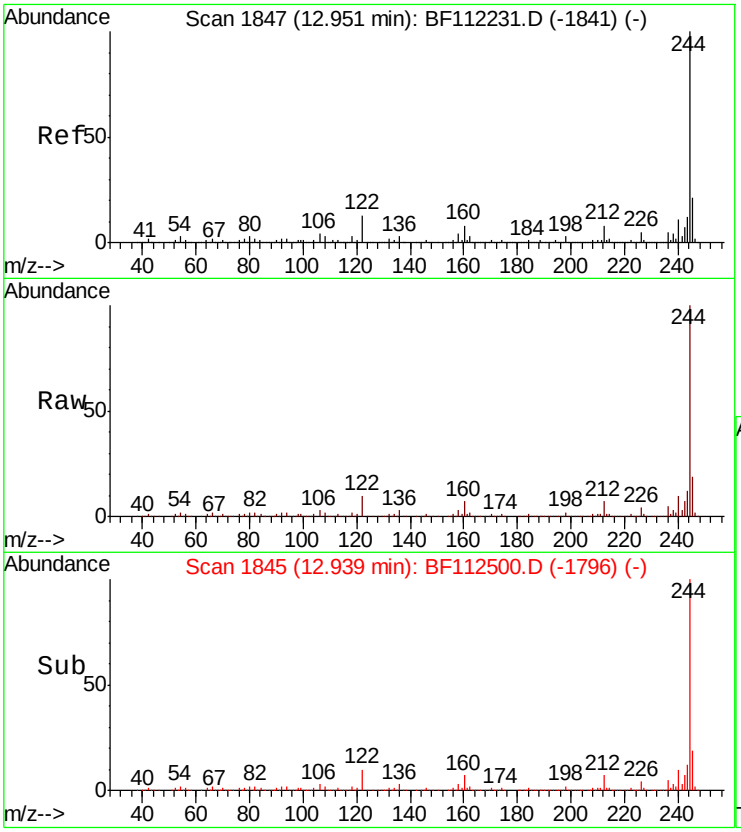


#77
Benzidine
Concen: 2.256 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:184 Resp: 14652

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.9	20.9
183	10.2	10.0	15.0



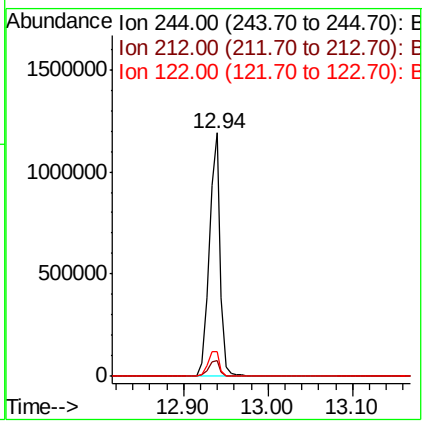


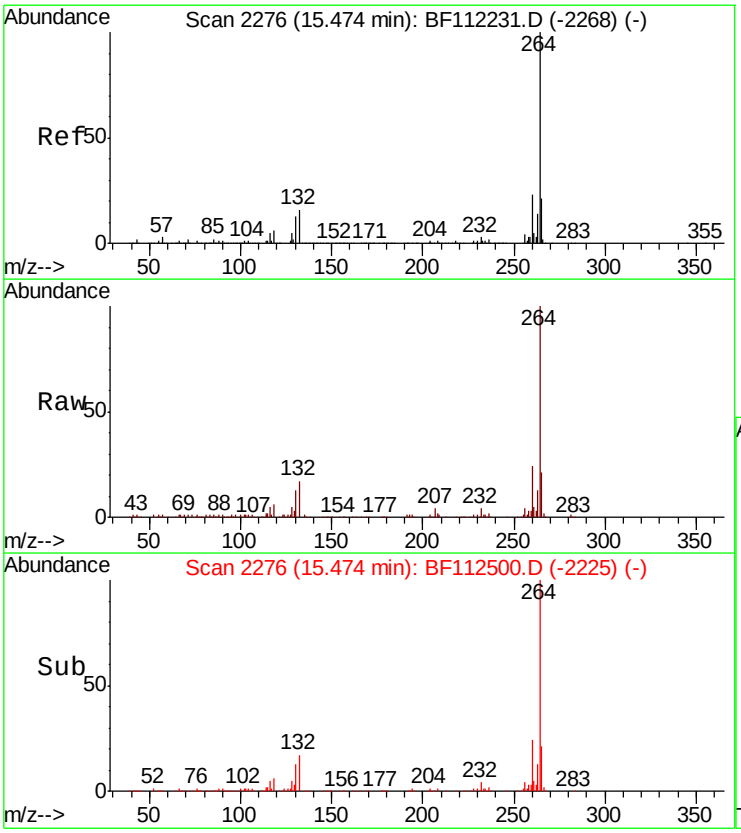
#79
Terphenyl-d14
Concen: 86.407 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

Tgt Ion:244 Resp: 1082447

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.2	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: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:264 Resp: 217008

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.1	17.0	25.4