Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
Data File : BF112291.D
Acq On : 29 Jan 2019 13:25
Operator : JU/SJ
Sample : PB116683BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116683BL

Quant Time: Jan 30 00:06:27 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	6.84	152	174026	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	661562	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	323410	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	636580	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	456229	20.00	ng	-0.01
87) Perylene-d12	15.46	264	395803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1243473	151.77	ng	0.00
7) Phenol-d6	6.49	99	1528754	134.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	984747	85.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	461901	122.70	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2000055	87.47	ng	-0.01
79) Terphenyl-d14	12.94	244	2093565	86.43	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	132583	16.889	ng	# 76
25) Isophorone	7.40	82	984735	54.671	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	41378	7.353	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	41378	5.776	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	27729	3.704	ng	# 1
77) Benzidine	12.94	184	27988	2.229	ng	# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
Data File : BF112291.D
Acq On : 29 Jan 2019 13:25
Operator : JU/SJ
Sample : PB116683BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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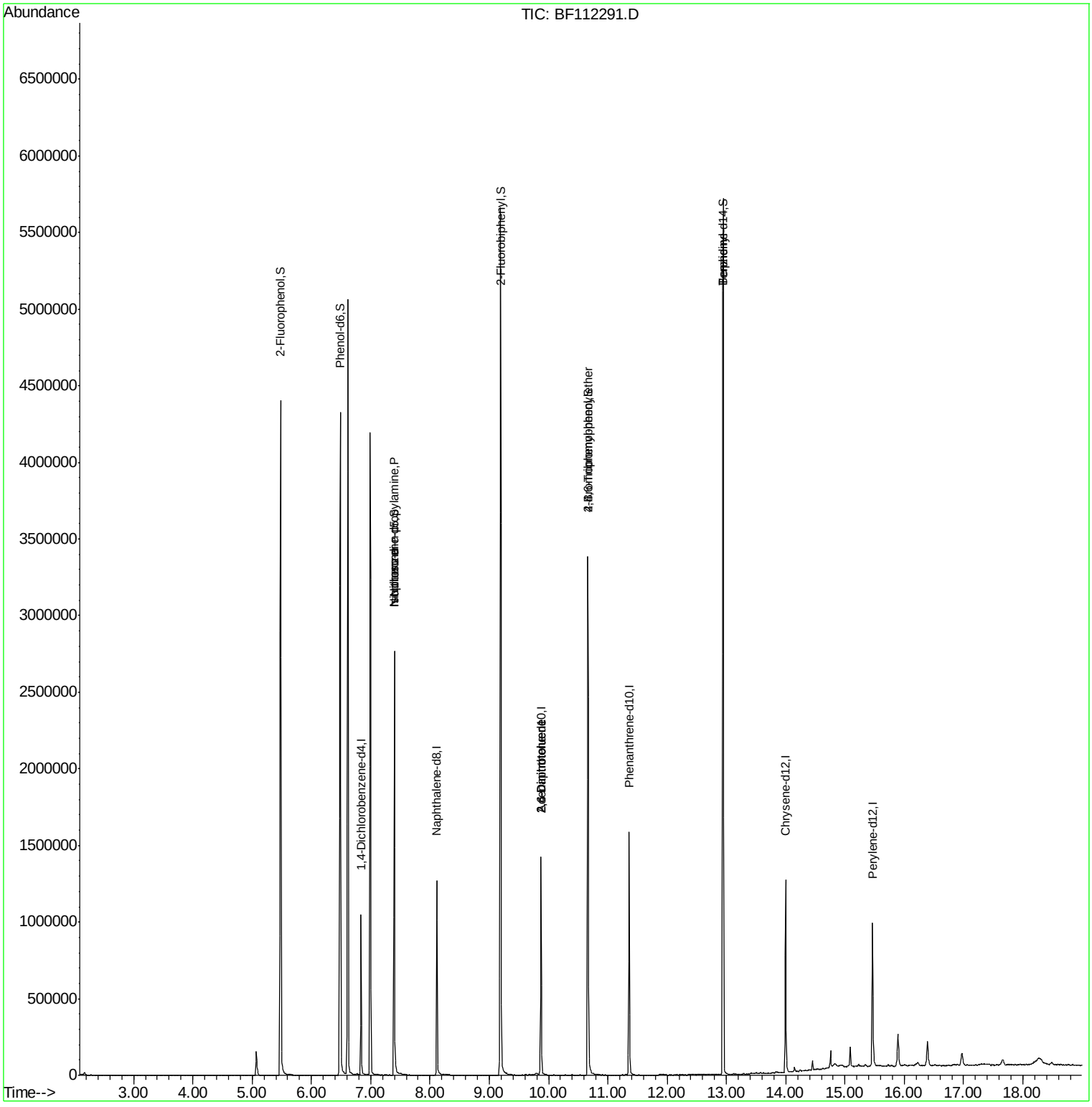
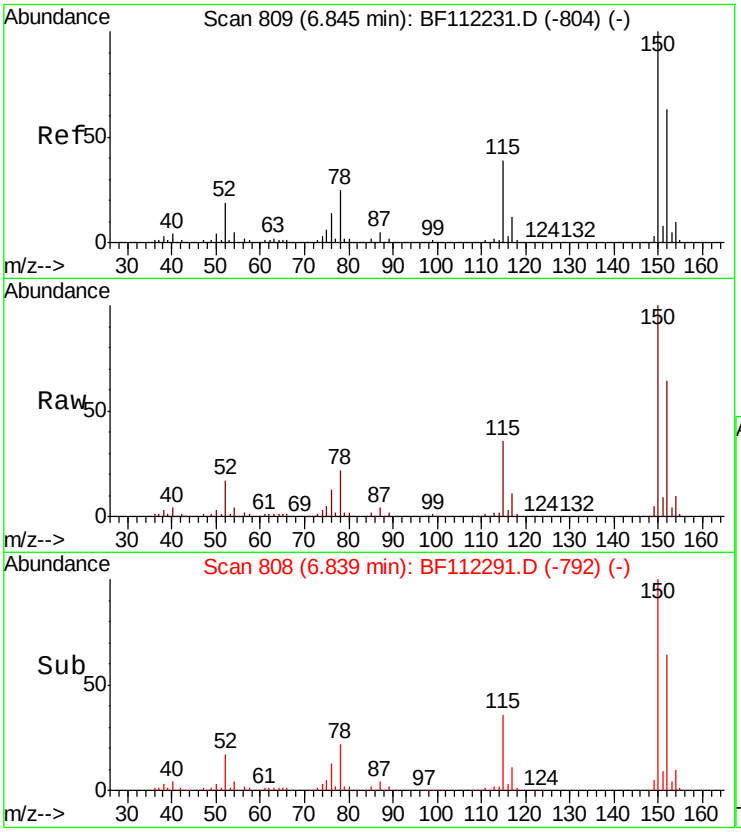
Quant Time: Jan 30 00:06:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



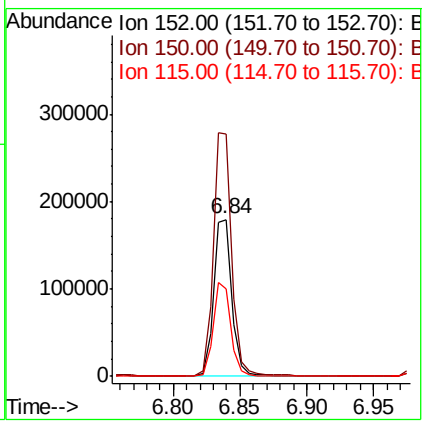


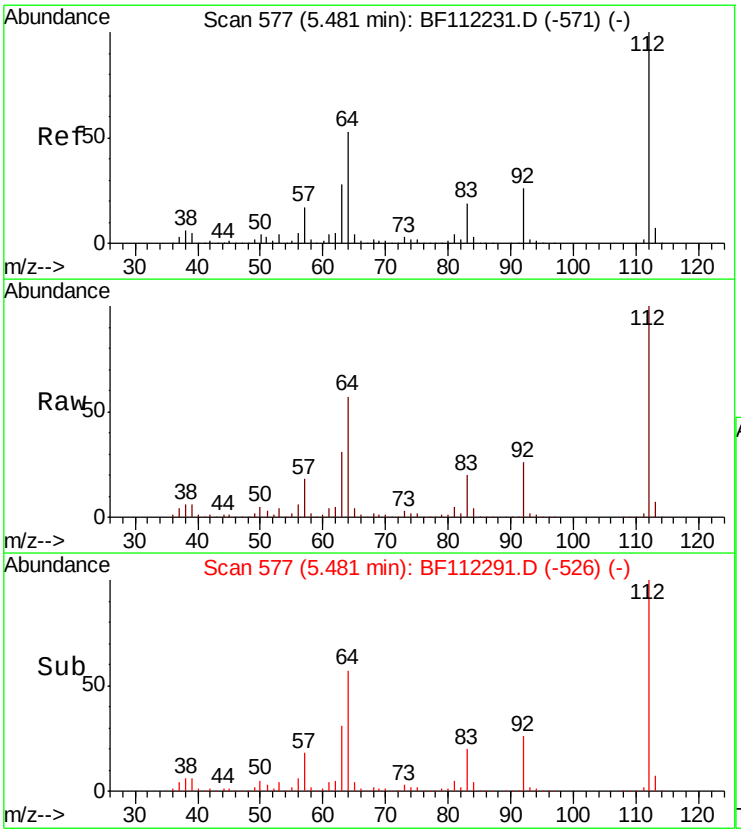
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion:152 Resp: 174026

Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.4	191.0
115	55.9	45.5	68.3

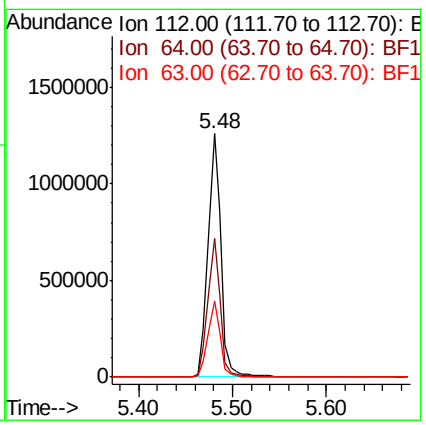


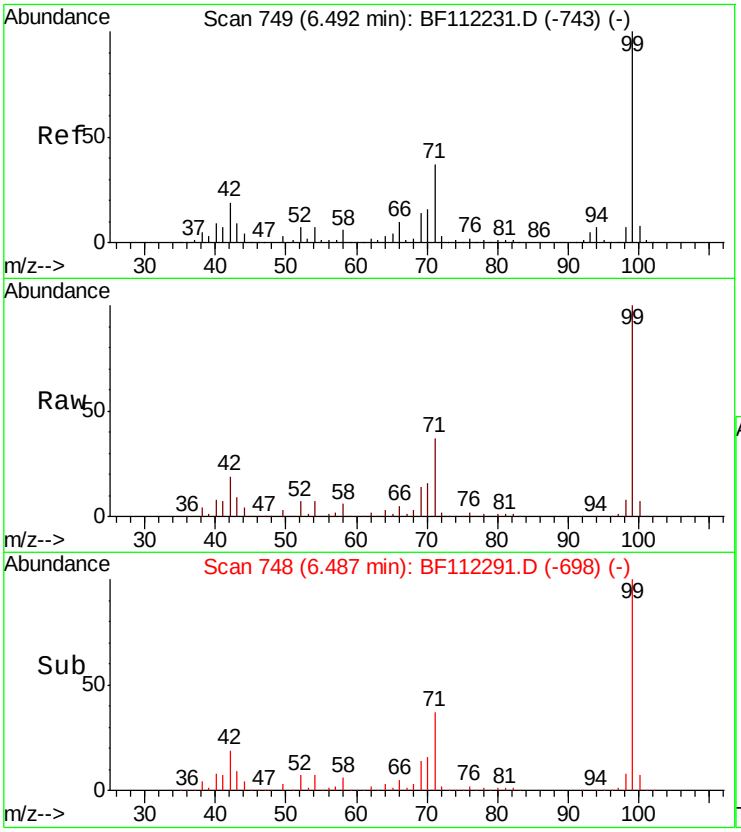


#5
2-Fluorophenol
Concen: 151.771 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion:112 Resp: 1243473

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.7	68.5
63	31.1	23.6	35.4



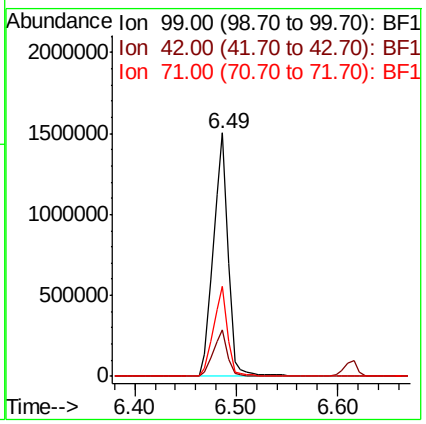


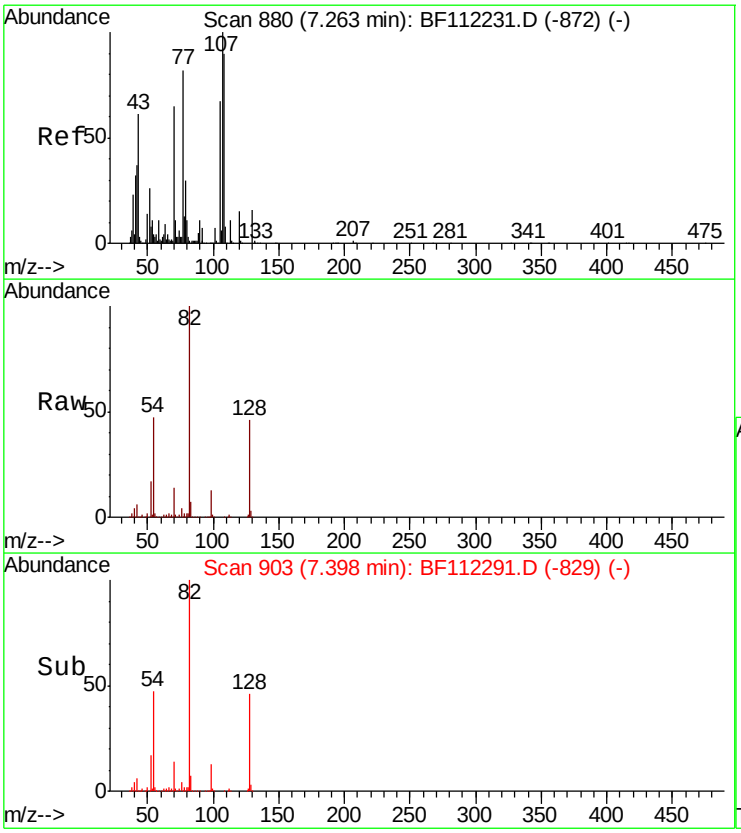
#7
Phenol-d6
Concen: 134.282 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion: 99 Resp: 1528754

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.1	22.7
71	36.9	26.9	40.3

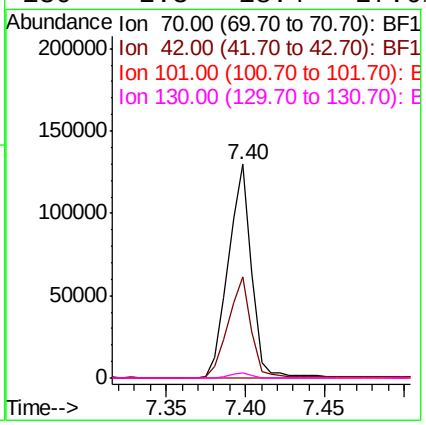


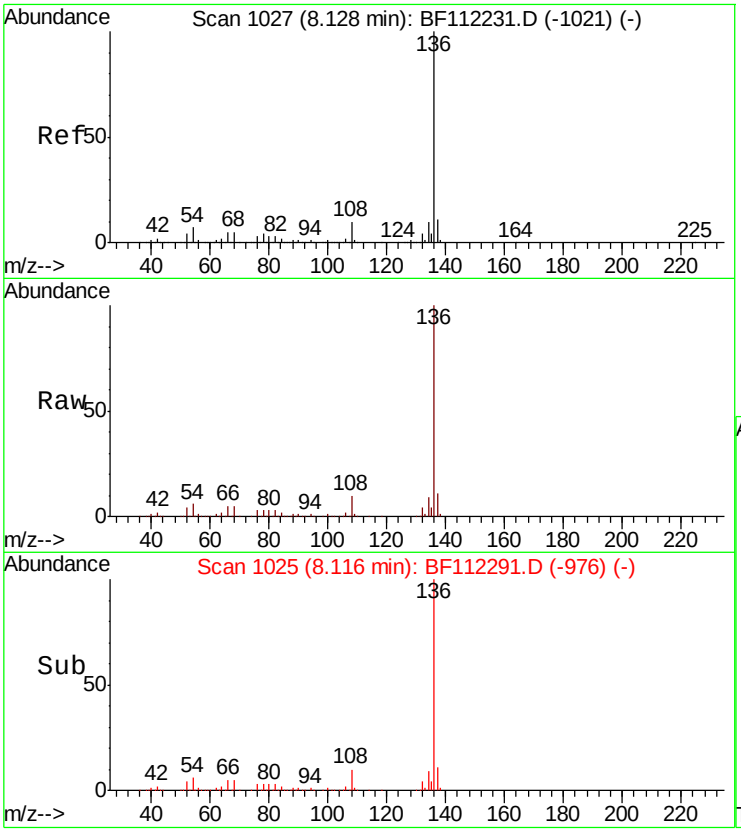


#19
n-Nitroso-di-n-propylamine
Concen: 16.889 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion: 70 Resp: 132583

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



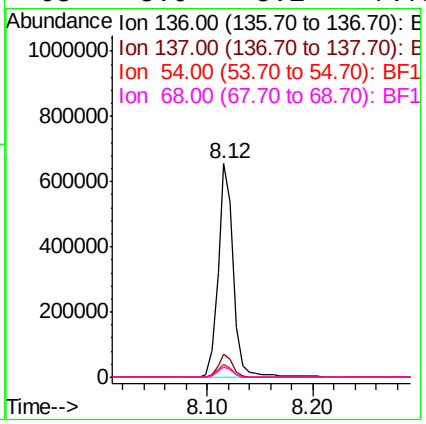


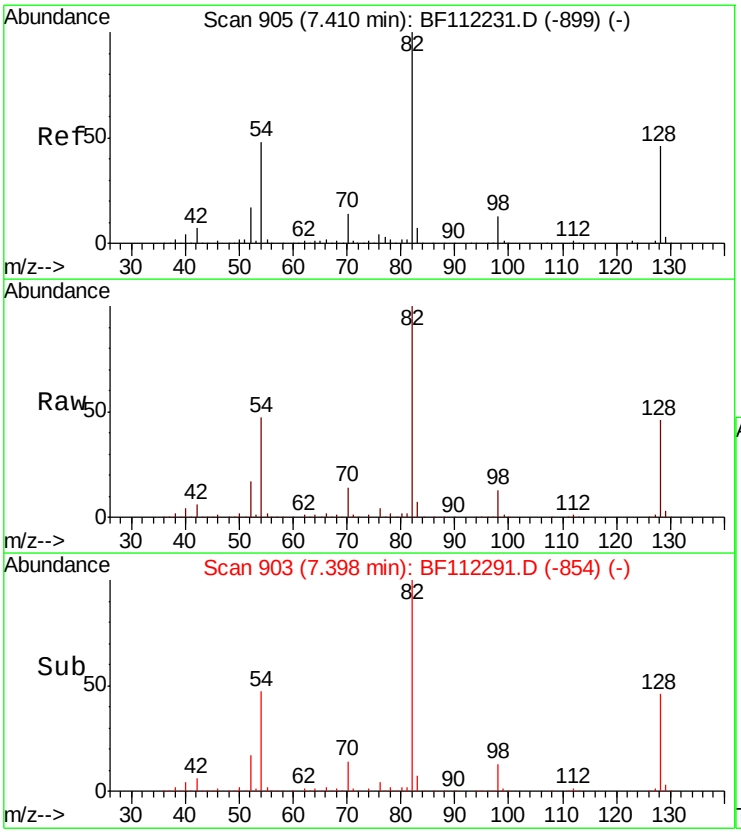
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion:136 Resp: 661562

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	5.9	8.9
68	5.0	5.1	7.7#

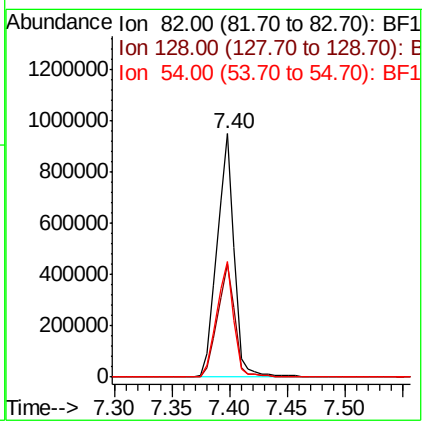


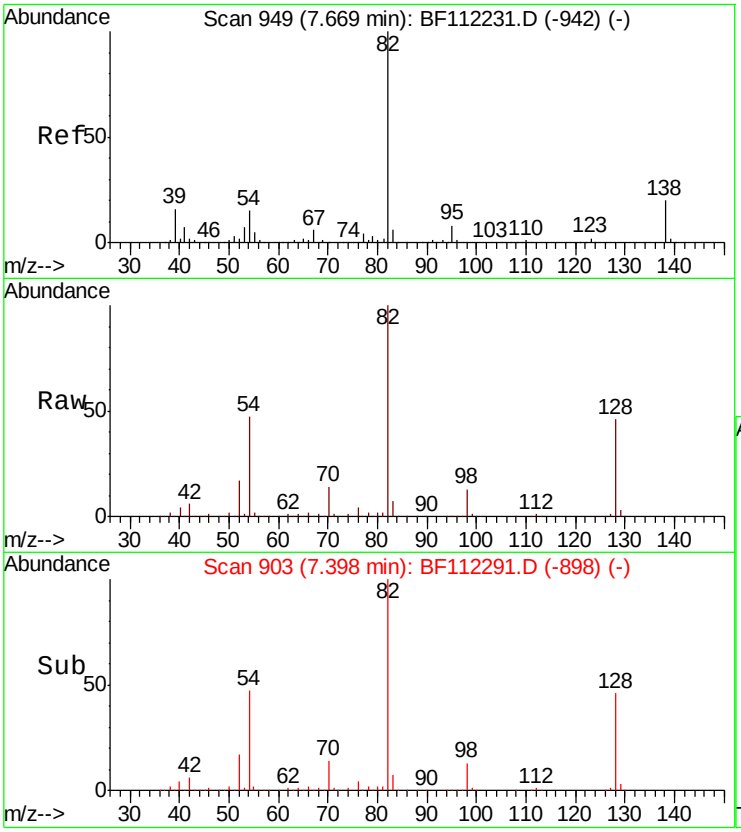


#23
Nitrobenzene-d5
Concen: 85.768 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion: 82 Resp: 984747

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.8	56.8
54	47.4	39.7	59.5



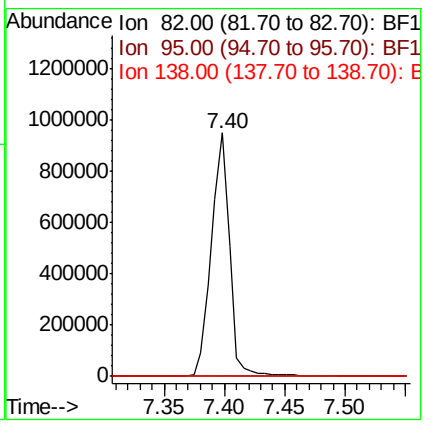


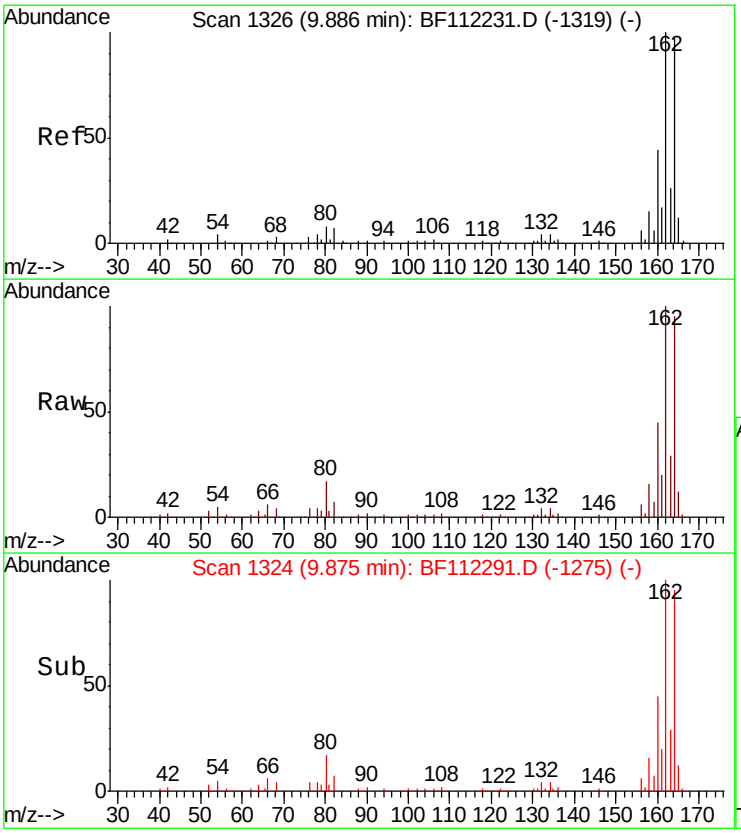
#25
Isophorone
Concen: 54.671 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion: 82 Resp: 984735

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

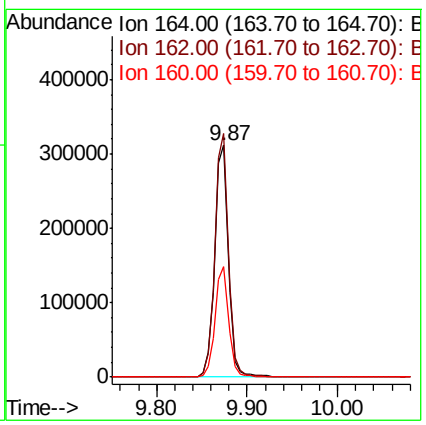


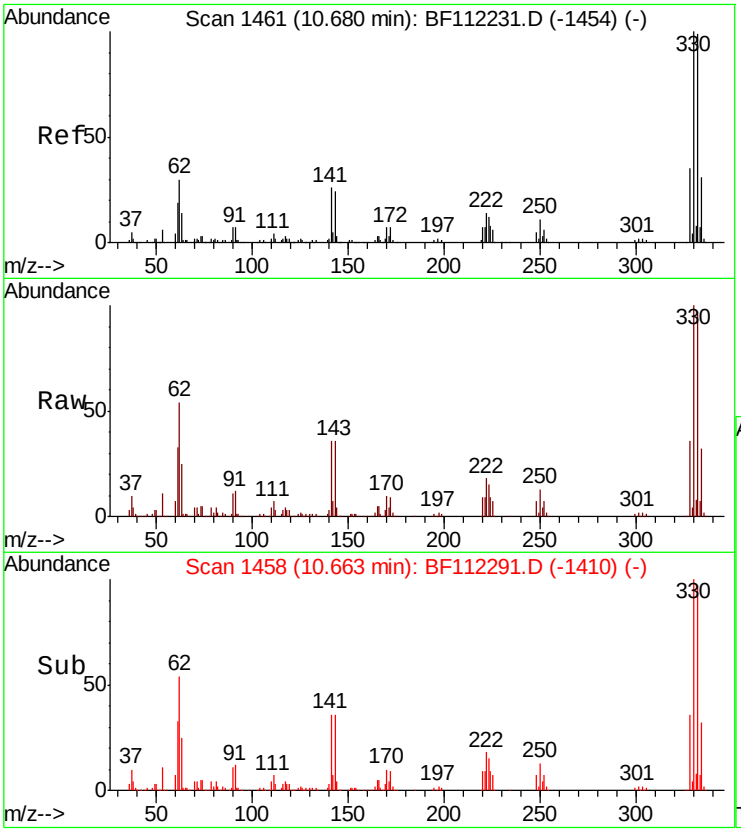


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion:164 Resp: 323410

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.4
160	47.7	36.2	54.4



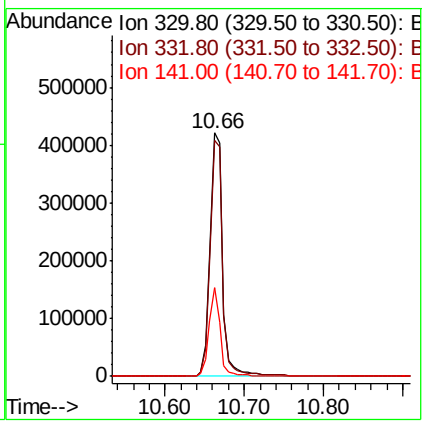


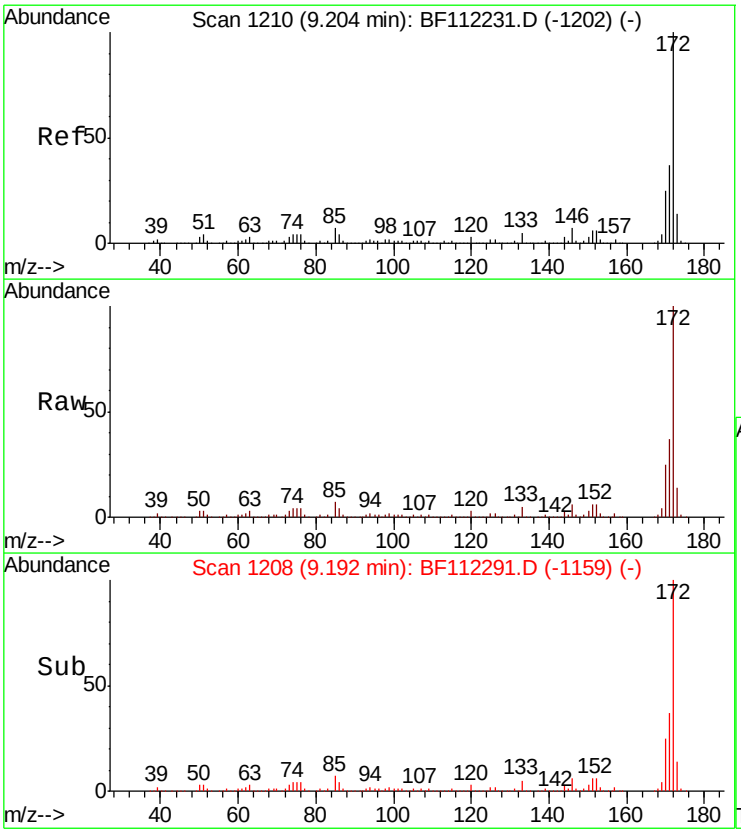
#42
2,4,6-Tribromophenol
Concen: 122.702 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion:330 Resp: 461901

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	32.5	24.3	36.5

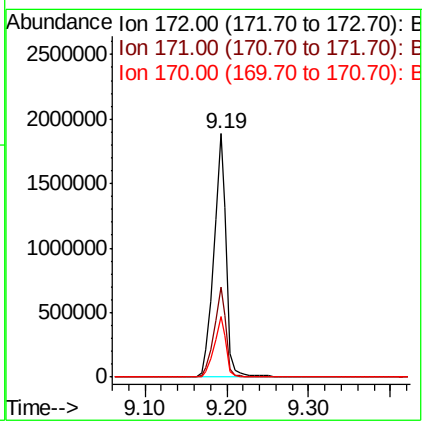


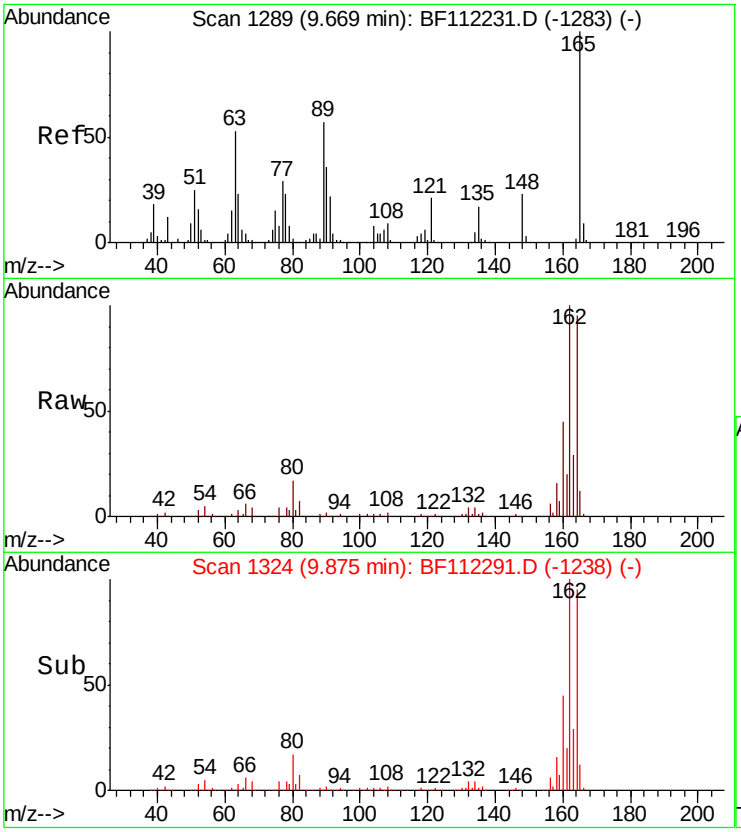


#45
2-Fluorobiphenyl
Concen: 87.466 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion:172 Resp: 2000055

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.6	20.2	30.4



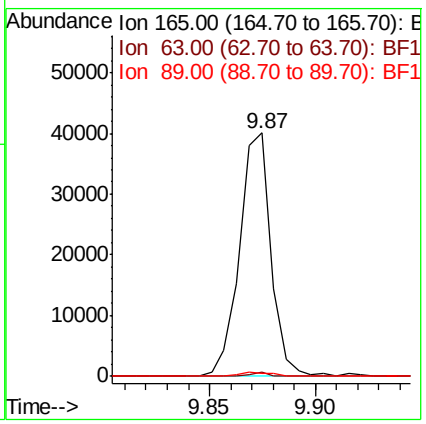


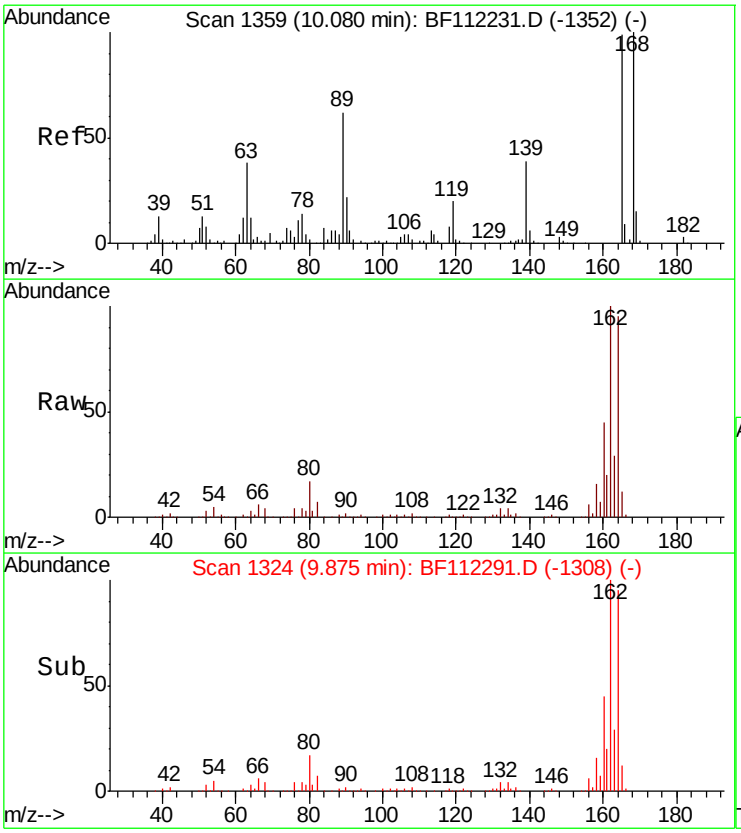
#51
2,6-Dinitrotoluene
Concen: 7.353 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion:165 Resp: 41378

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	1.5	36.9	55.3#

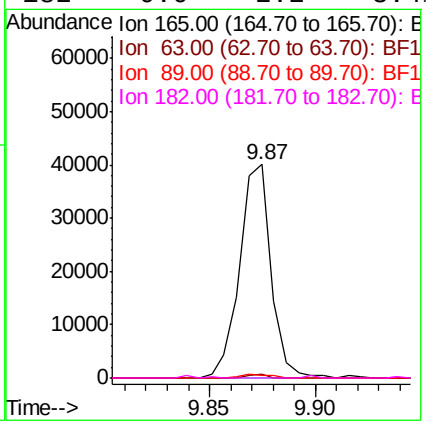


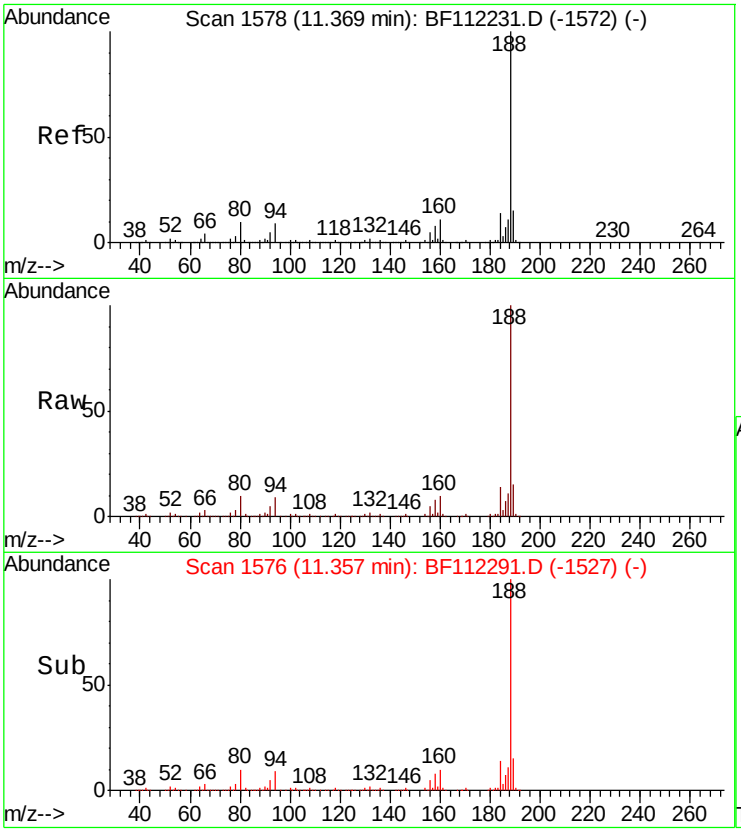


#57
2,4-Dinitrotoluene
Concen: 5.776 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion:165 Resp: 41378

Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#



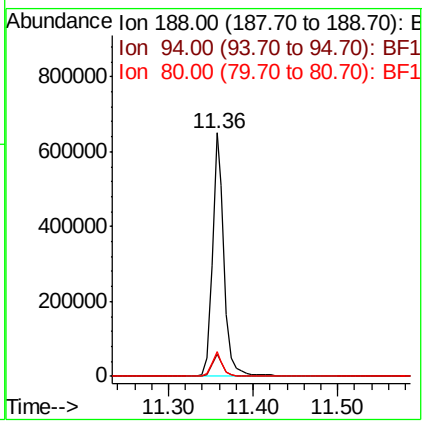


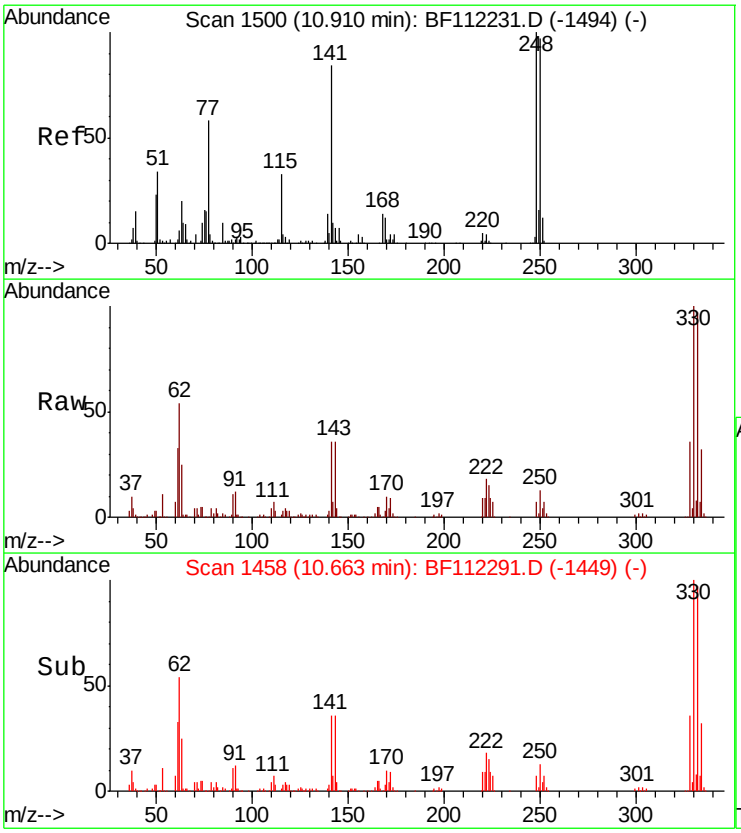
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion:188 Resp: 636580

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	10.1	8.9	13.3

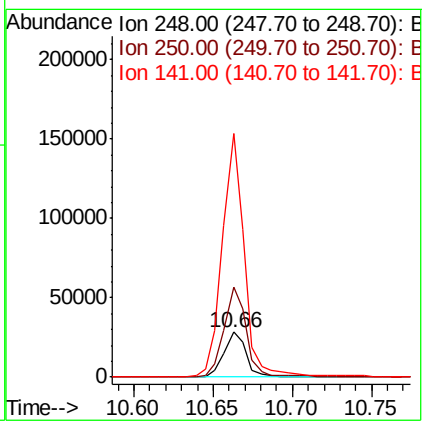


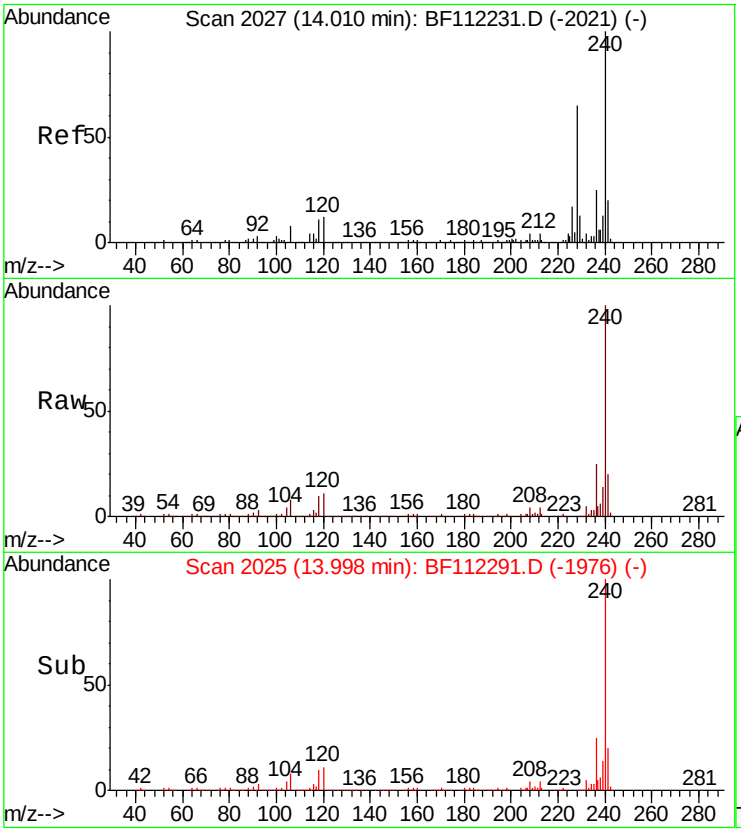


#67
4-Bromophenyl-phenylether
Concen: 3.704 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion:248 Resp: 27729

Ion	Ratio	Lower	Upper
248	100		
250	199.7	79.7	119.5#
141	539.2	60.3	90.5#



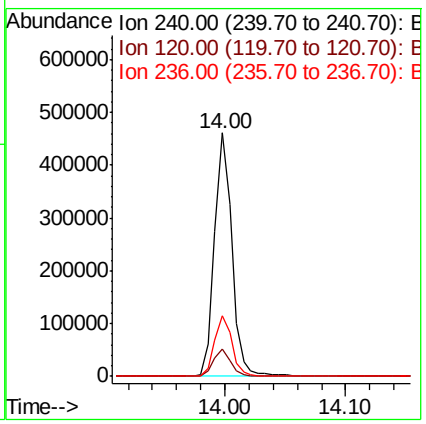


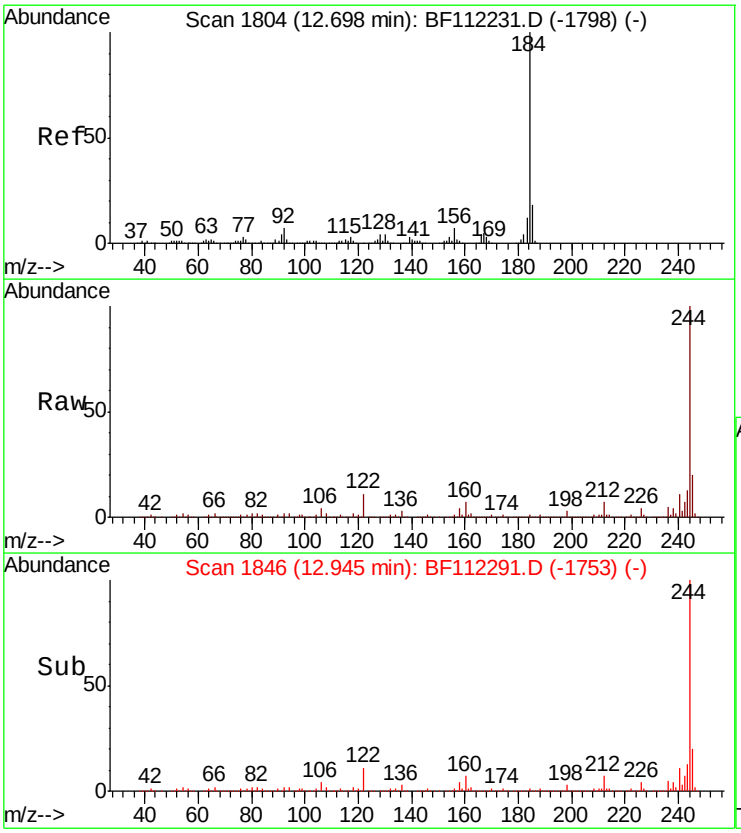
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion:240 Resp: 456229

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.0	20.7	31.1

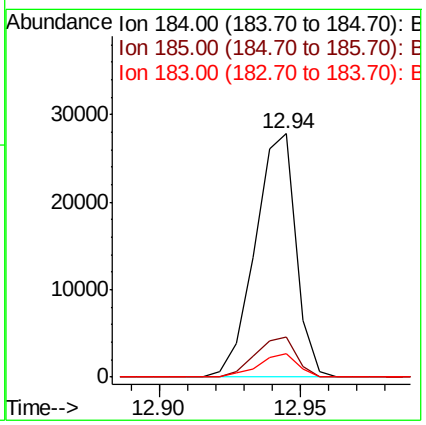


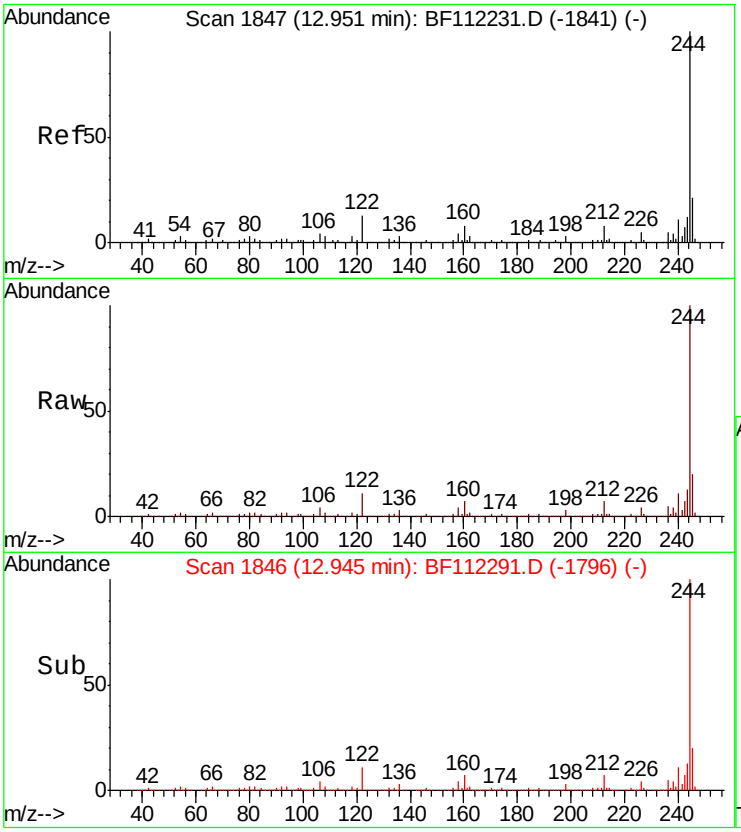


#77
Benzidine
Concen: 2.229 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.25 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion:184 Resp: 27988

Ion	Ratio	Lower	Upper
184	100		
185	16.3	13.9	20.9
183	9.9	10.0	15.0#



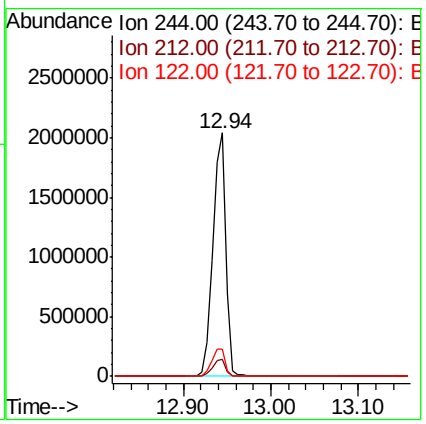


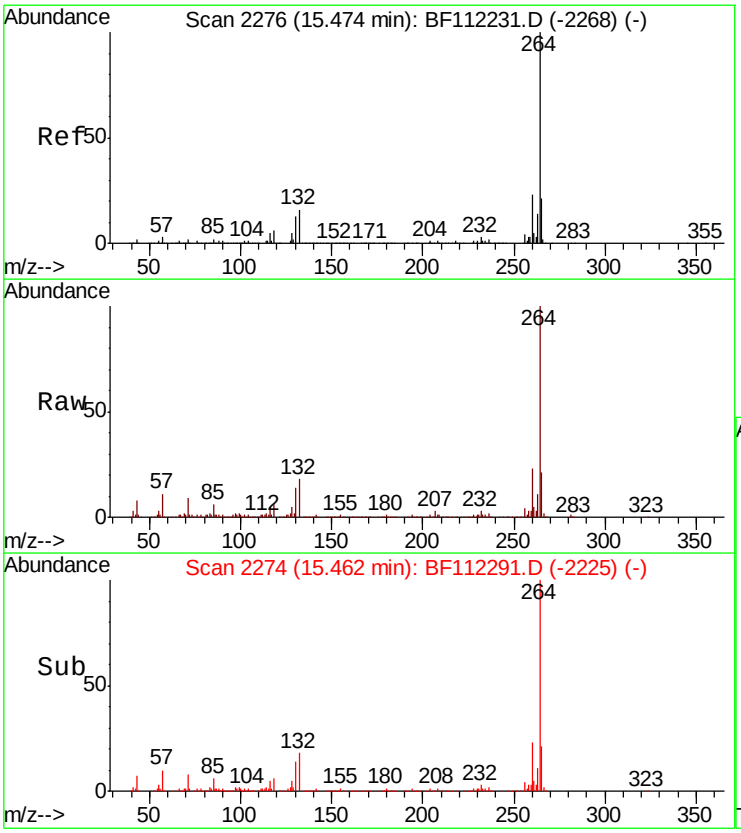
#79
Terphenyl-d14
Concen: 86.428 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB116683BL

Tgt Ion:244 Resp: 2093565

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.3	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112291.D
Acq: 29 Jan 2019 13:25

Tgt Ion:264 Resp: 395803

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.4	17.0	25.4