Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112450.D
Acq On : 7 Feb 2019 20:43
Operator : JU/SJ
Sample : K1390-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04(0-2)

Quant Time: Feb 09 03:14:51 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	124460	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	470373	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	220537	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	383900	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	283245	20.00	ng		0.00
87) Perylene-d12	15.47	264	265790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	616433	105.20	ng		-0.01
7) Phenol-d6	6.48	99	777623	95.51	ng		-0.01
23) Nitrobenzene-d5	7.39	82	479156	58.70	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	207685	80.91	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	844619	54.17	ng		-0.02
79) Terphenyl-d14	12.93	244	674338	44.84	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.49	94	22213	2.487	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	63811	11.366	ng	#	77
25) Isophorone	7.39	82	479152	37.414	ng	#	63
50) Dimethylphthalate	9.58	163	58696	3.426	ng		99
51) 2,6-Dinitrotoluene	9.87	165	28050	7.309	ng	#	34
57) 2,4-Dinitrotoluene	9.87	165	28050	5.742	ng	#	31
67) 4-Bromophenyl-phenylether	10.66	248	12652	2.802	ng	#	1

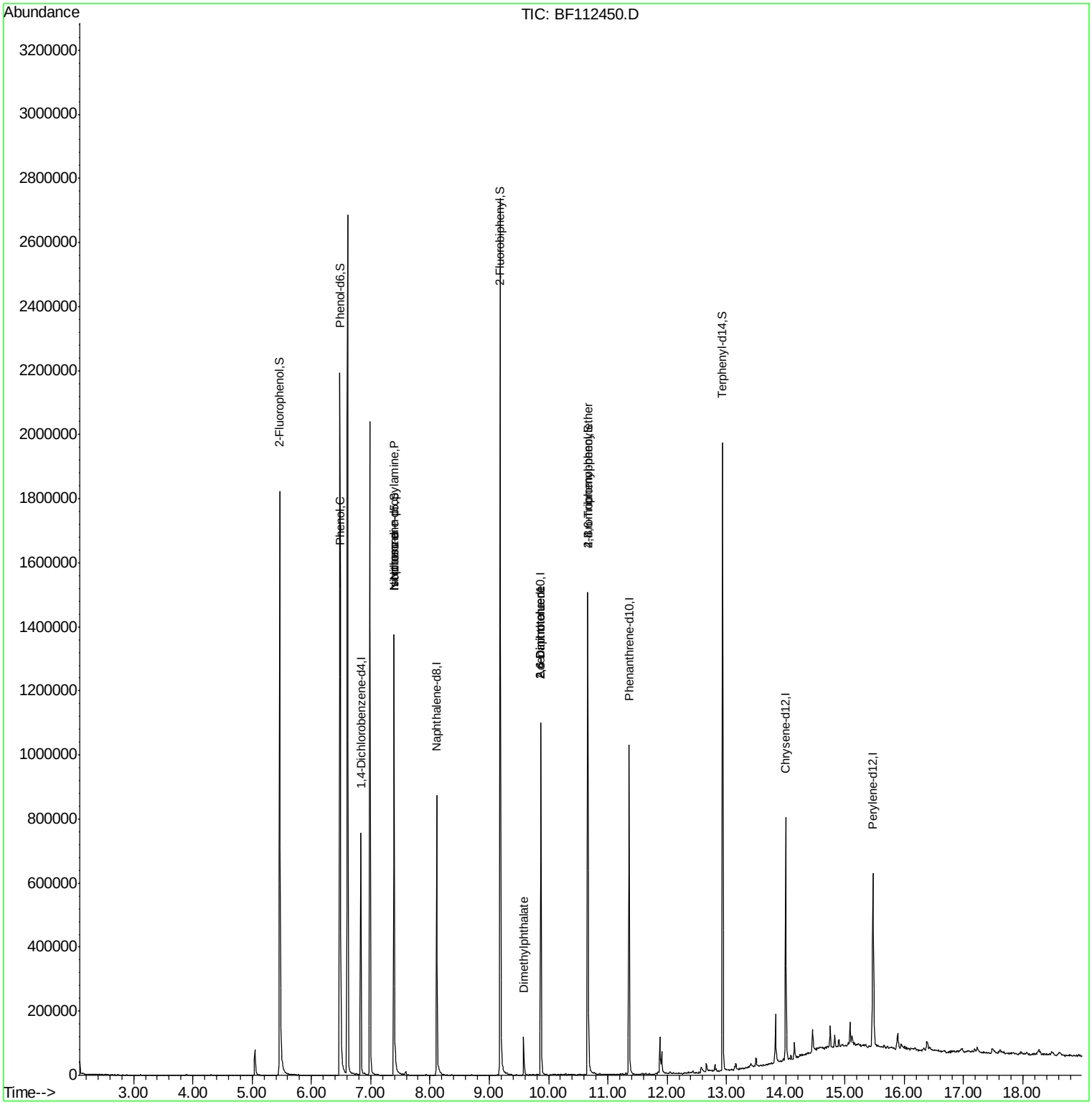
(#) = qualifier out of range (m) = manual integration (+) = signals summed

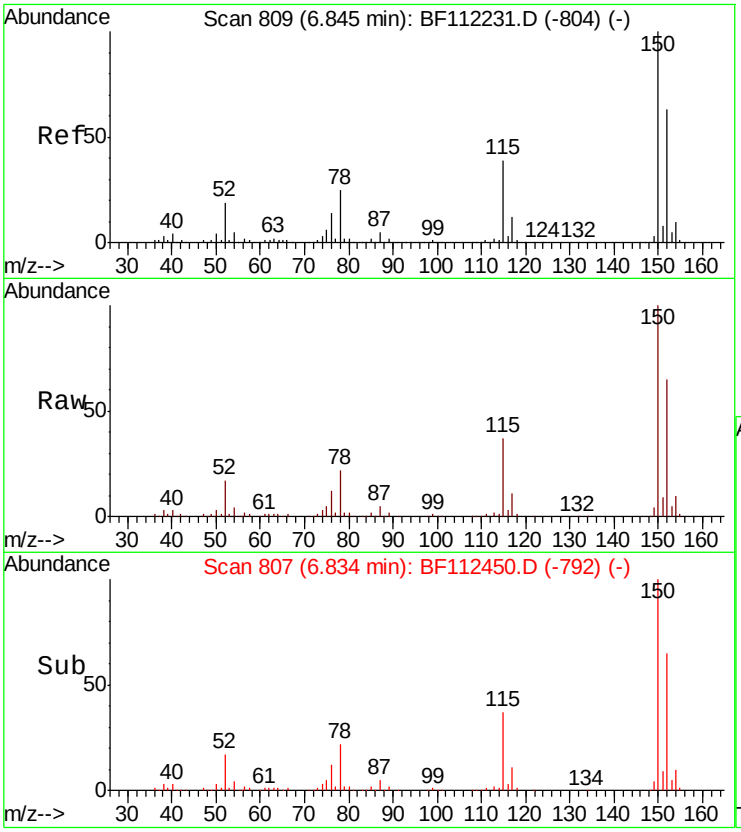
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112450.D
Acq On : 7 Feb 2019 20:43
Operator : JU/SJ
Sample : K1390-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Quant Time: Feb 09 03:14:51 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



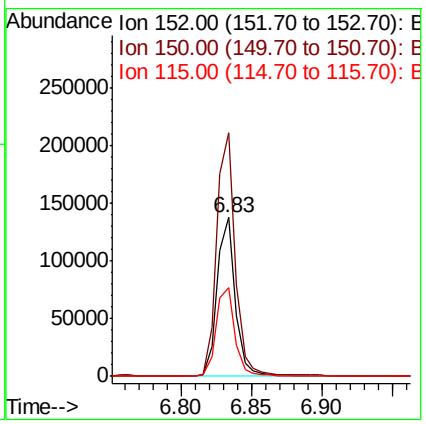


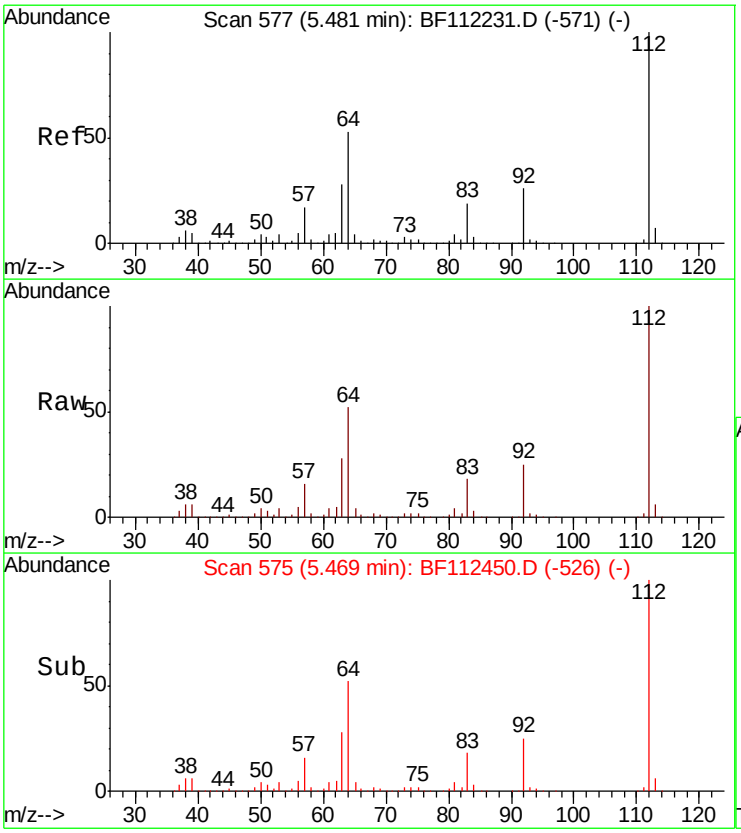
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion:152 Resp: 124460

Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.4	191.0
115	56.1	45.5	68.3

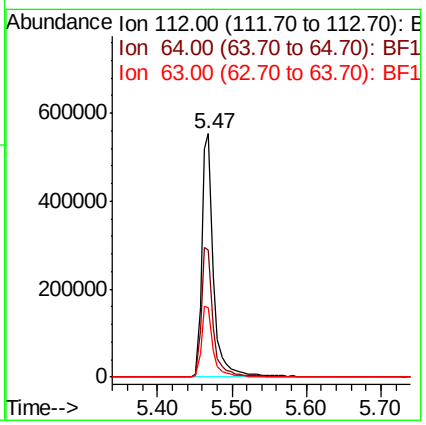


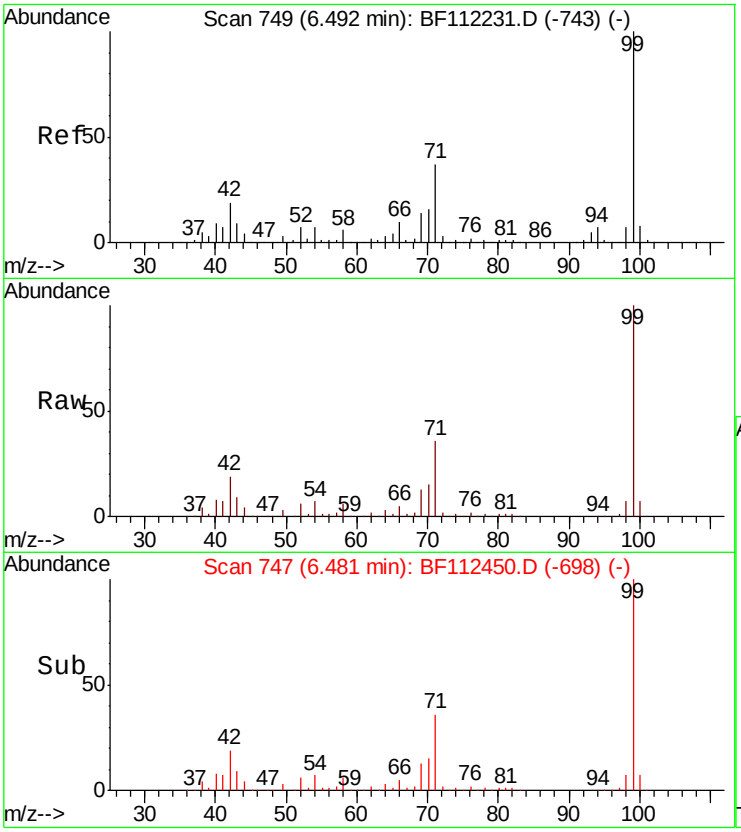


#5
2-Fluorophenol
Concen: 105.202 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:112 Resp: 616433

Ion	Ratio	Lower	Upper
112	100		
64	52.1	45.7	68.5
63	28.4	23.6	35.4



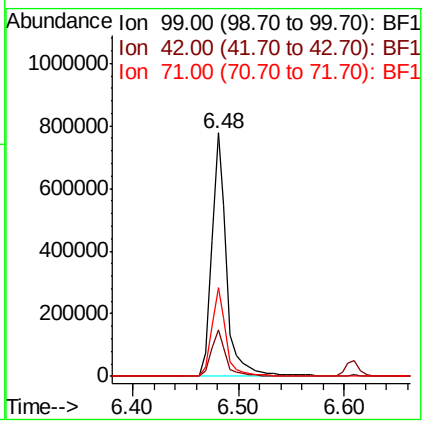


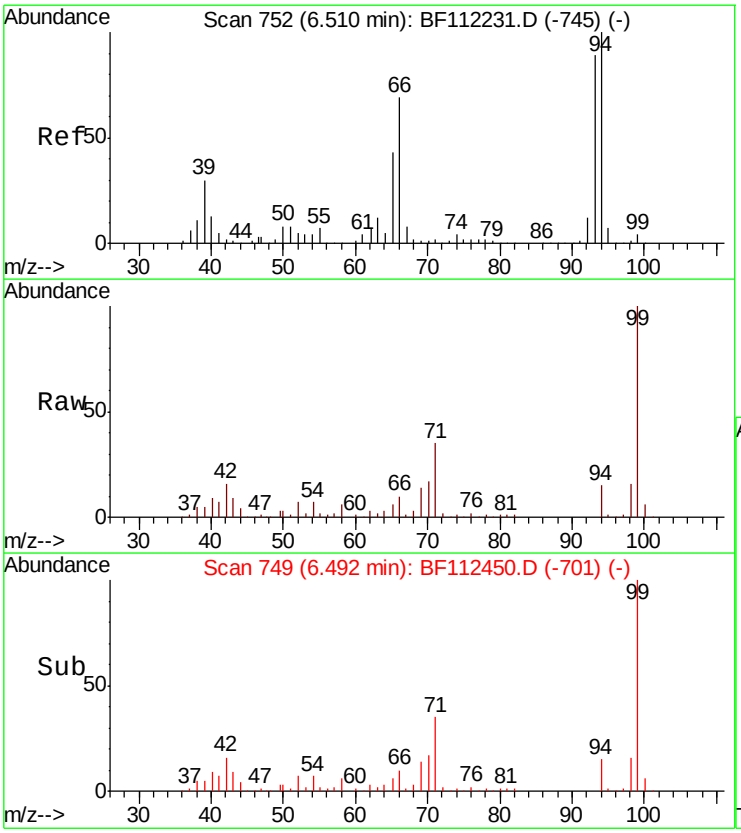
#7
Phenol-d6
Concen: 95.506 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion: 99 Resp: 777623

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.1	22.7
71	36.3	26.9	40.3

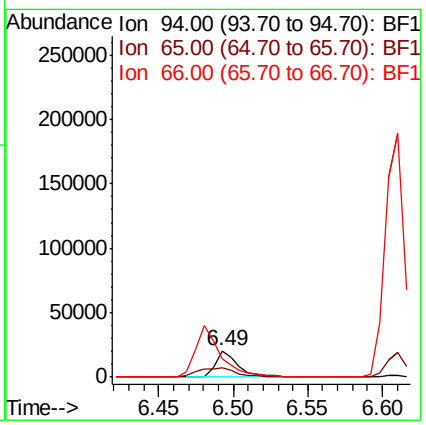


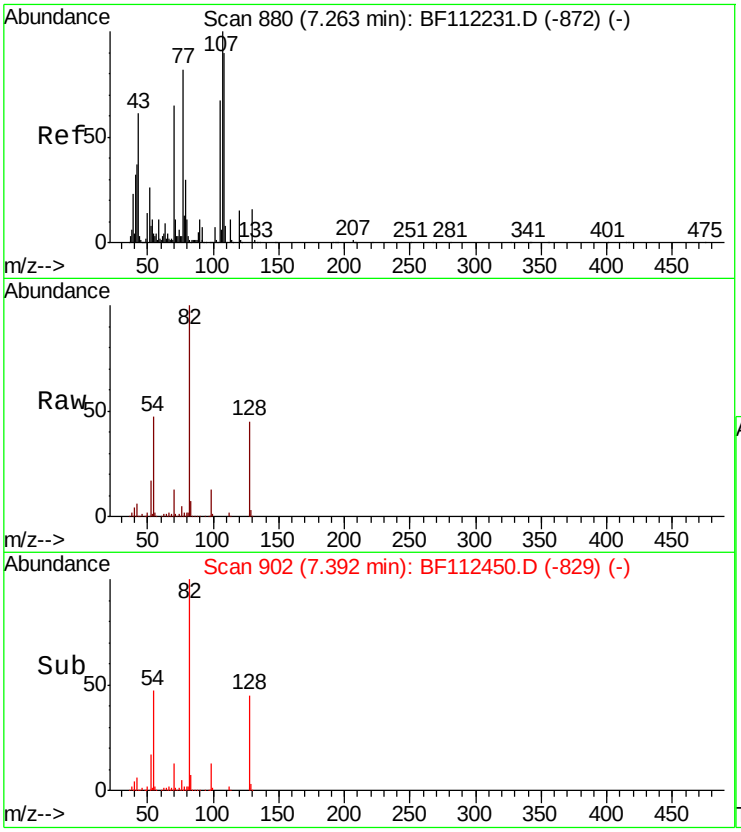


#10
Phenol
Concen: 2.487 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion: 94 Resp: 22213

Ion	Ratio	Lower	Upper
94	100		
65	36.6	20.3	60.3
66	67.9	42.4	82.4



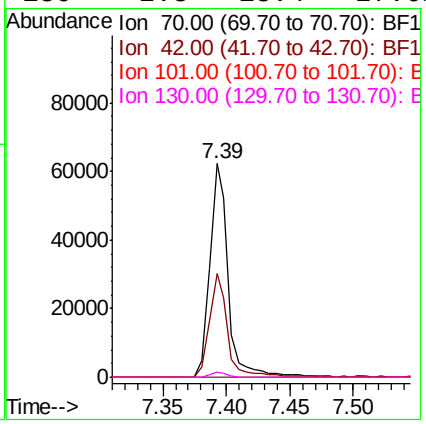


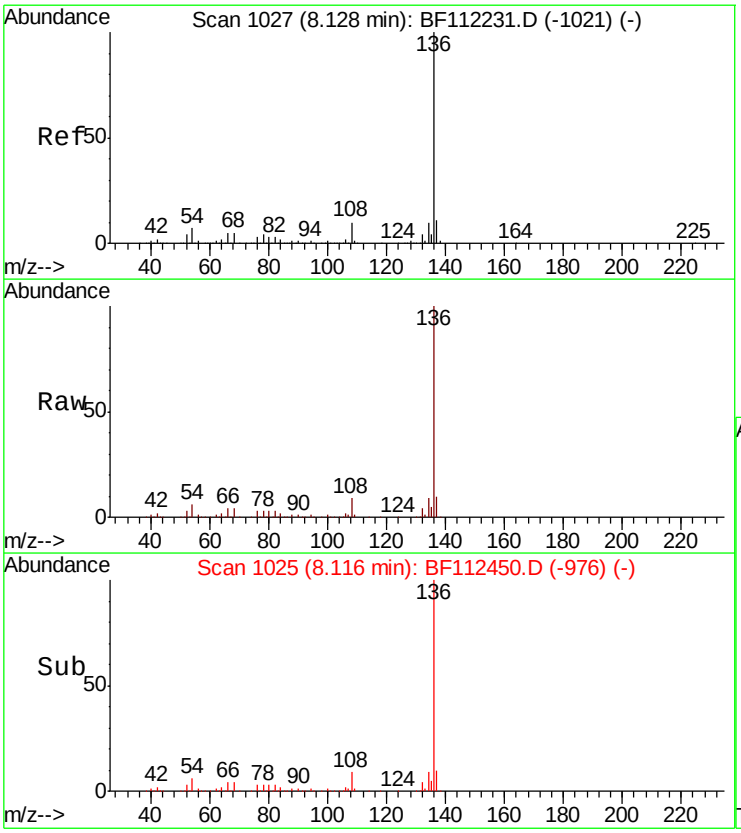
#19
n-Nitroso-di-n-propylamine
Concen: 11.366 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion: 70 Resp: 63811

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#

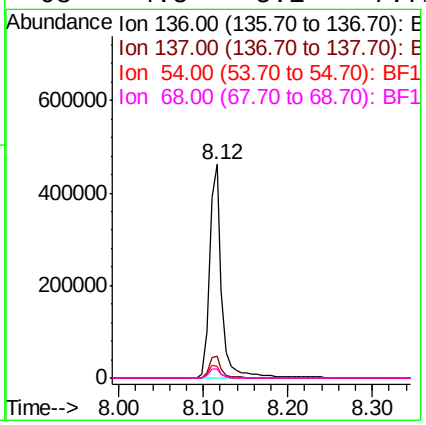


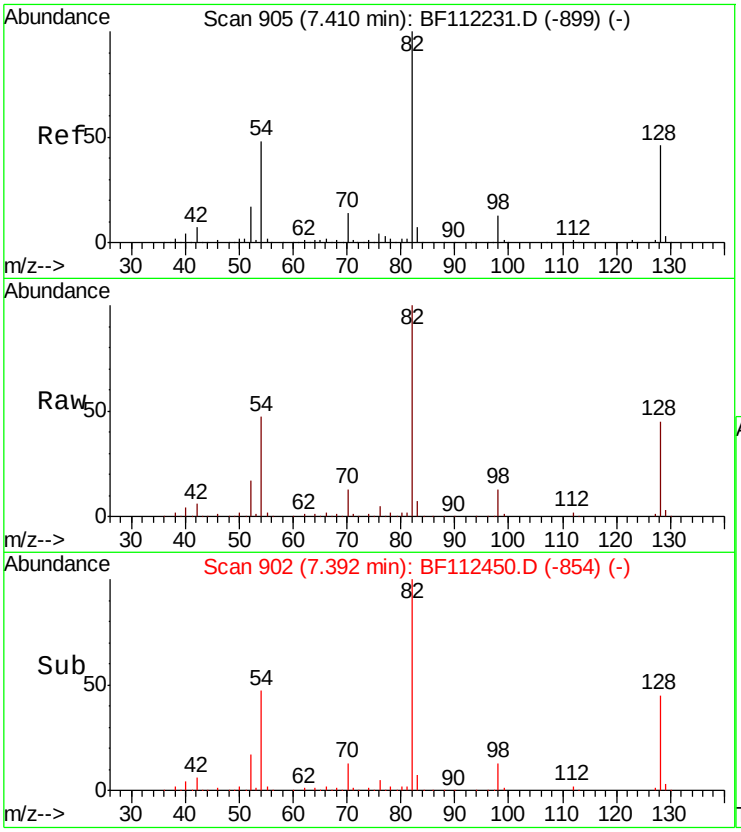


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:136 Resp: 470373

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	5.7	5.9	8.9#
68	4.5	5.1	7.7#



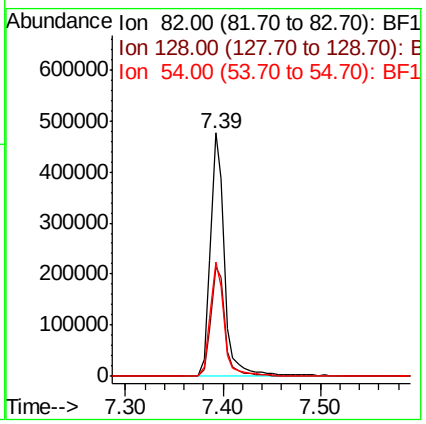


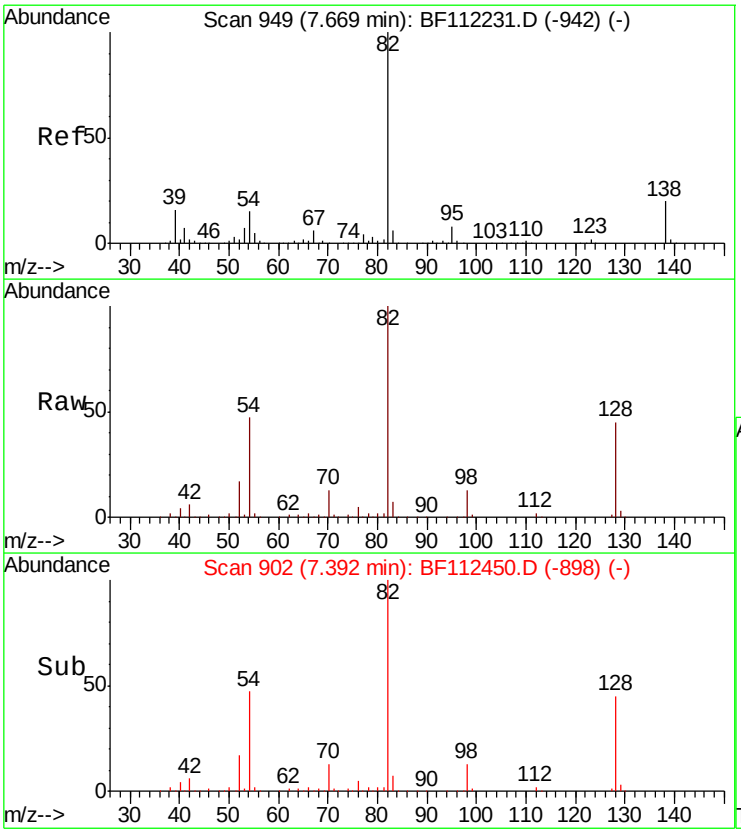
#23
Nitrobenzene-d5
Concen: 58.696 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion: 82 Resp: 479156

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.8	56.8
54	47.0	39.7	59.5

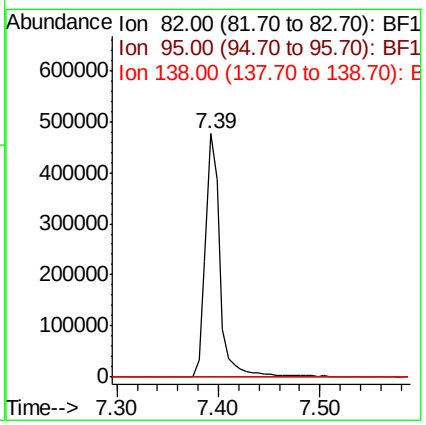


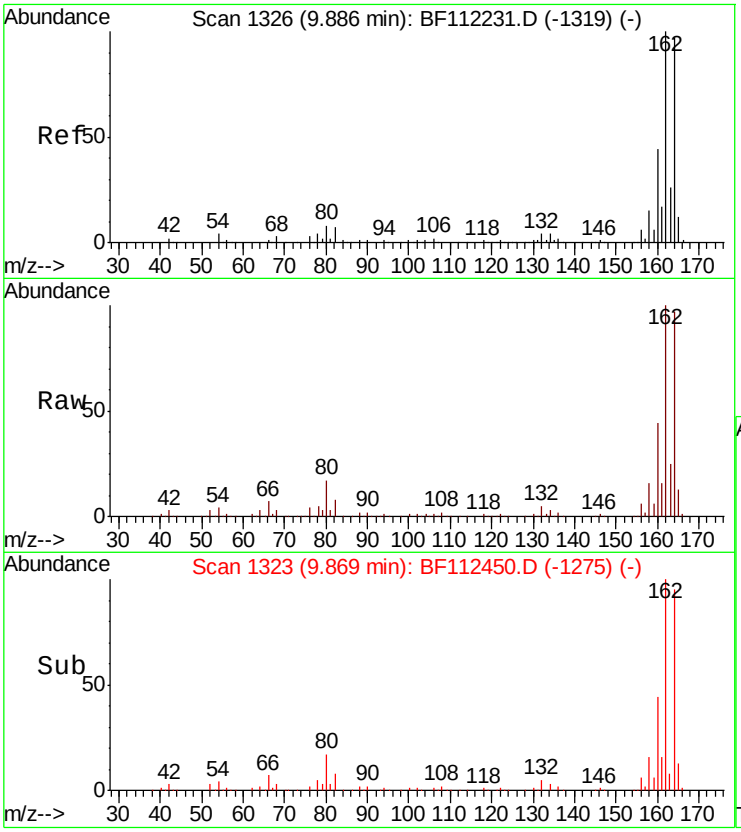


#25
Isophorone
Concen: 37.414 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion: 82 Resp: 479152

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



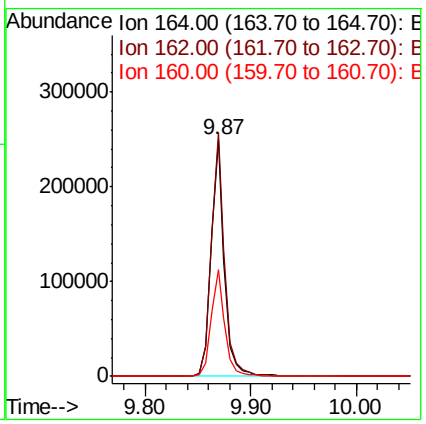


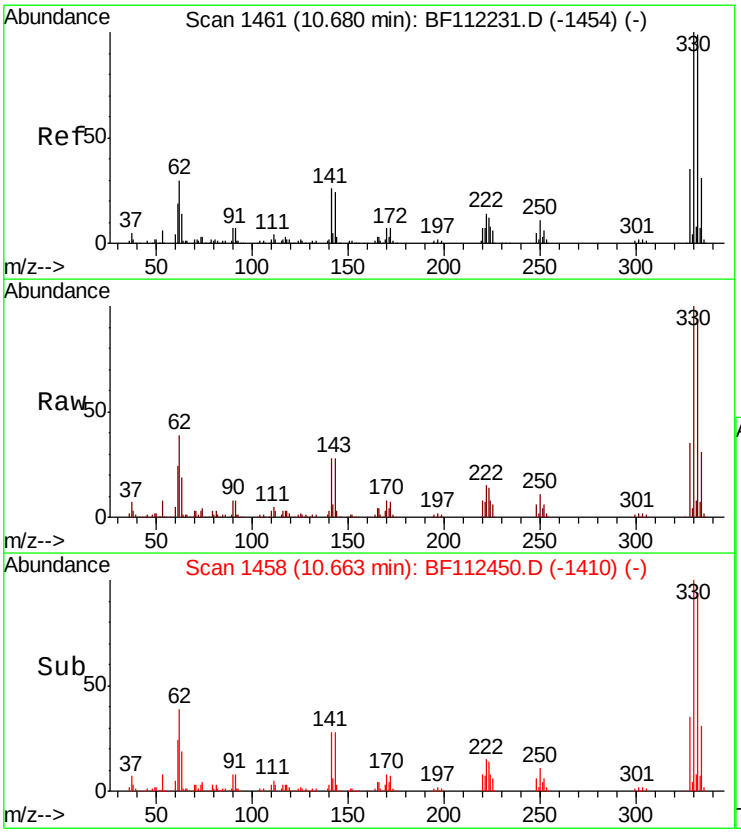
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion:164 Resp: 220537

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.4
160	45.0	36.2	54.4

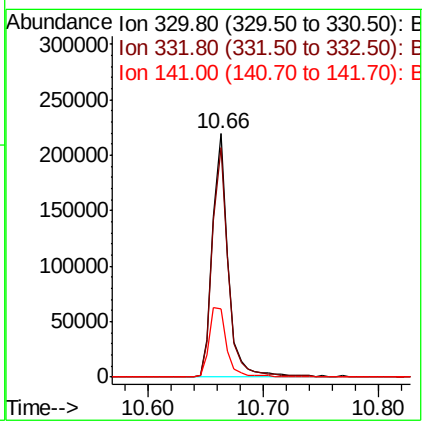


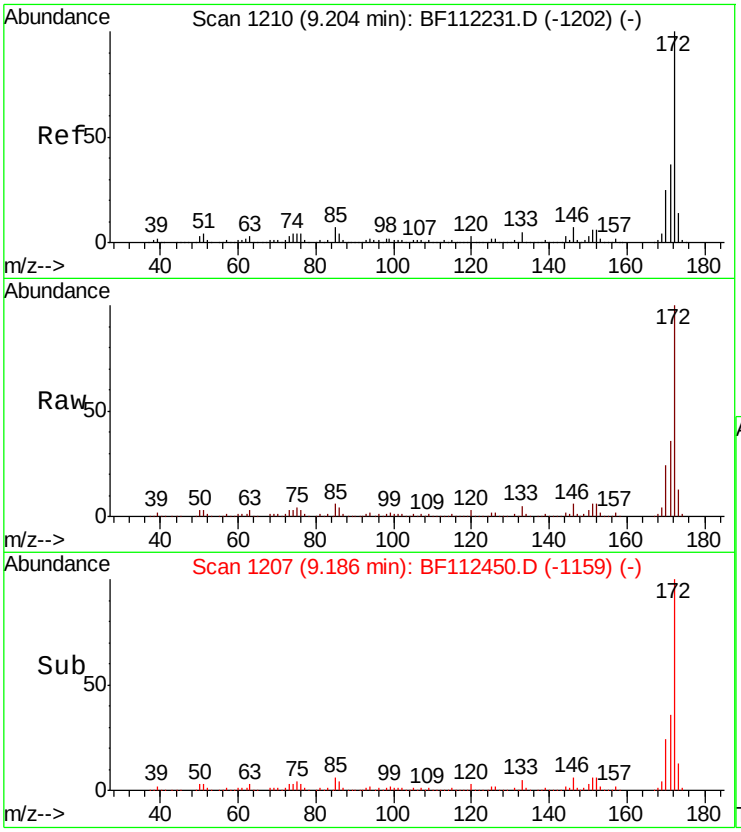


#42
2,4,6-Tribromophenol
Concen: 80.906 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:330 Resp: 207685

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	32.5	24.3	36.5

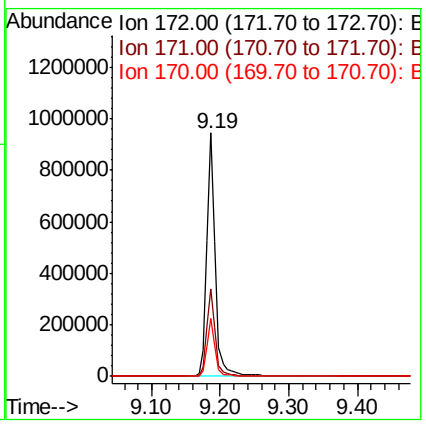




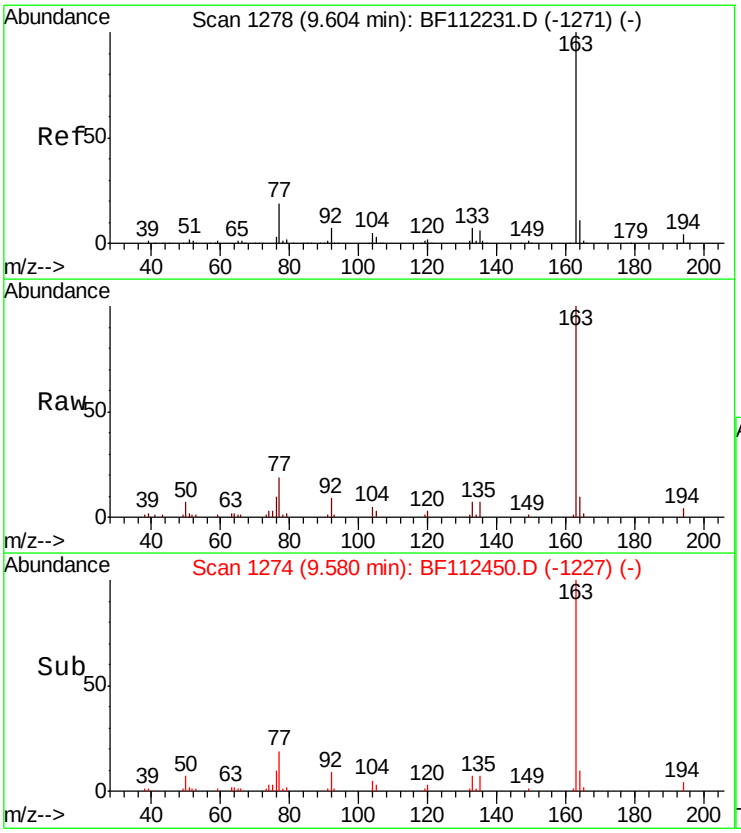
#45
2-Fluorobiphenyl
Concen: 54.167 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:172 Resp: 844619

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	23.8	20.2	30.4



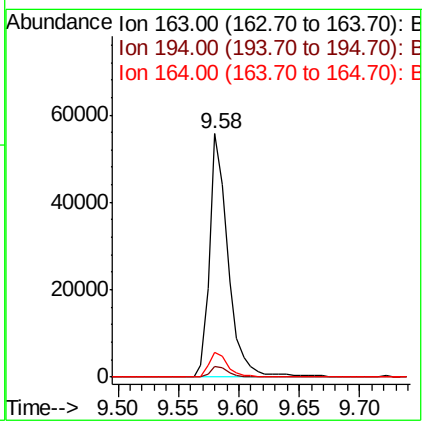
Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

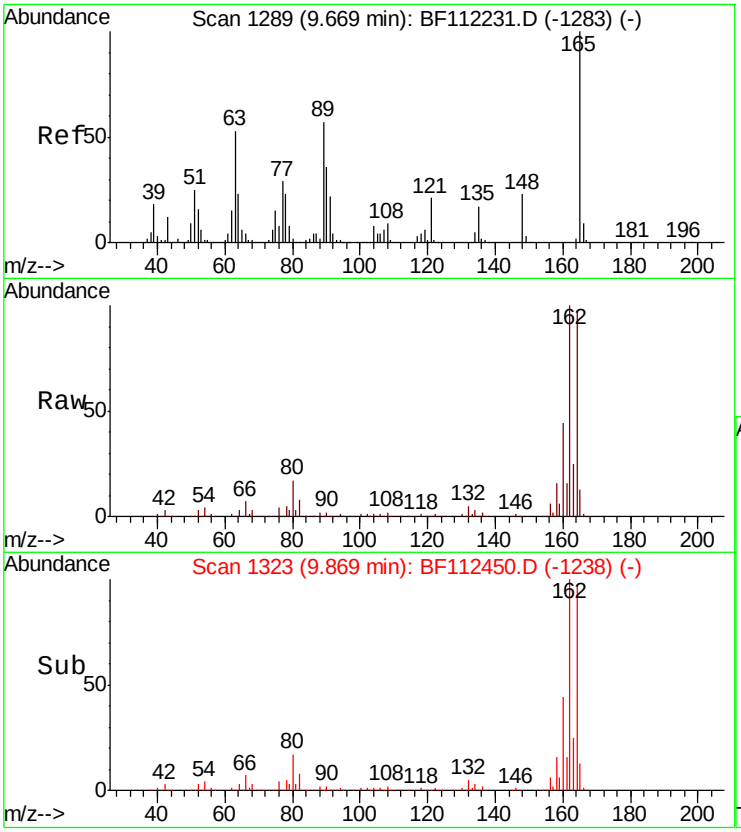


#50
Dimethylphthalate
Concen: 3.426 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:163 Resp: 58696

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	8.5	12.7



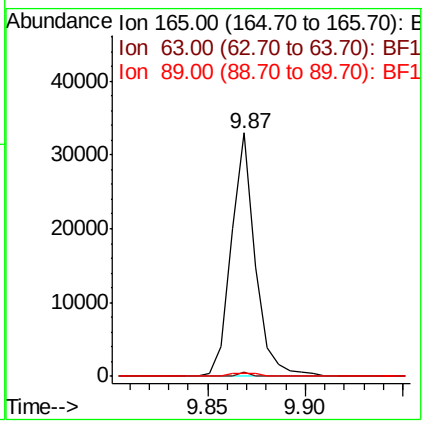


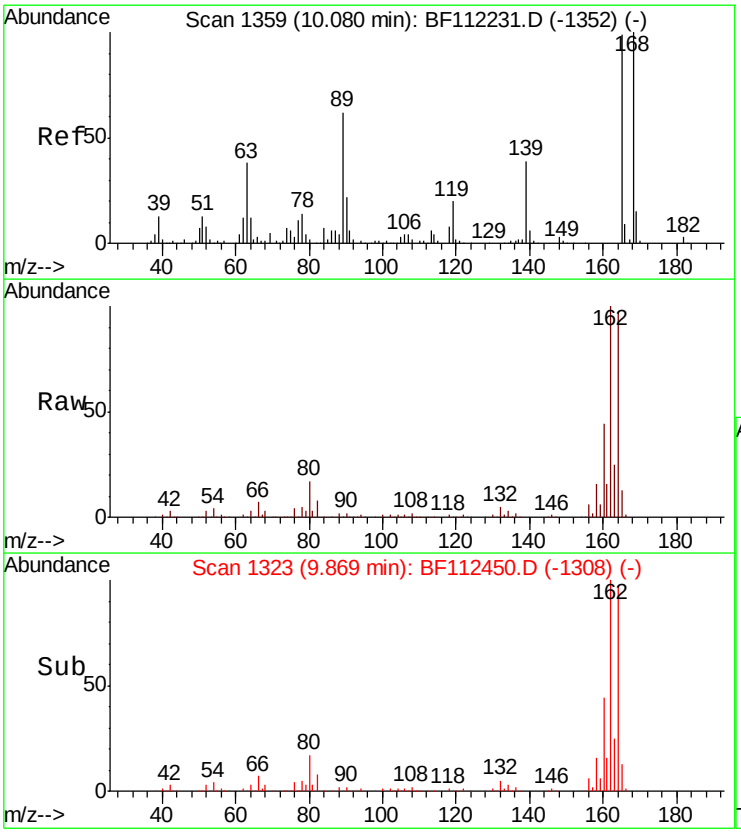
#51
2,6-Dinitrotoluene
Concen: 7.309 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion:165 Resp: 28050

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	1.2	36.9	55.3#

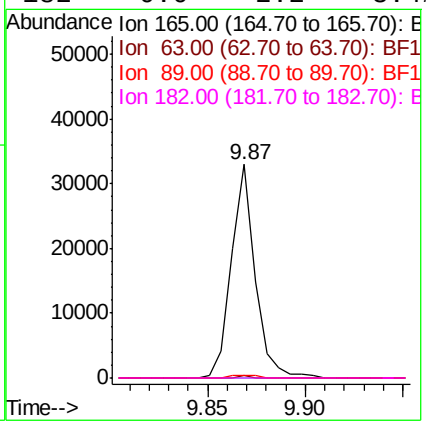


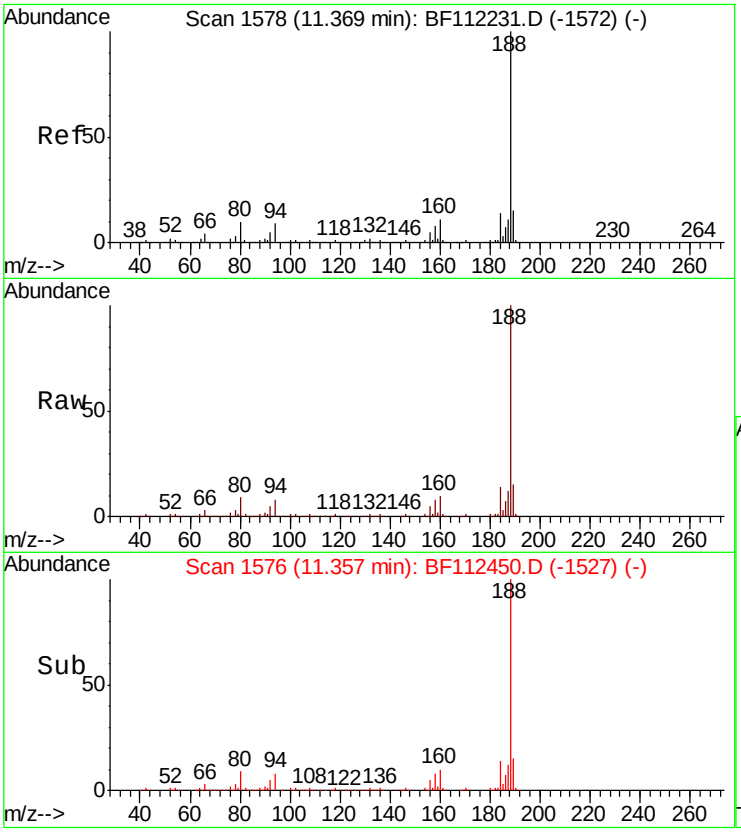


#57
2,4-Dinitrotoluene
Concen: 5.742 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:165 Resp: 28050

Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.2	47.9	71.9#
182	0.0	2.2	3.4#



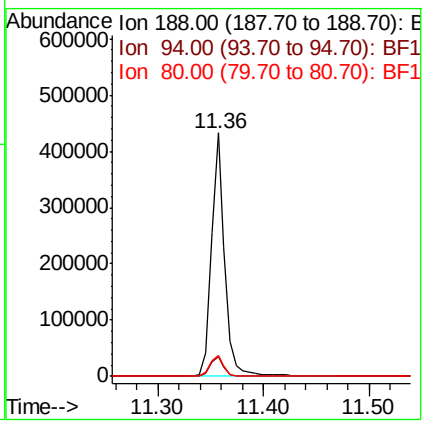


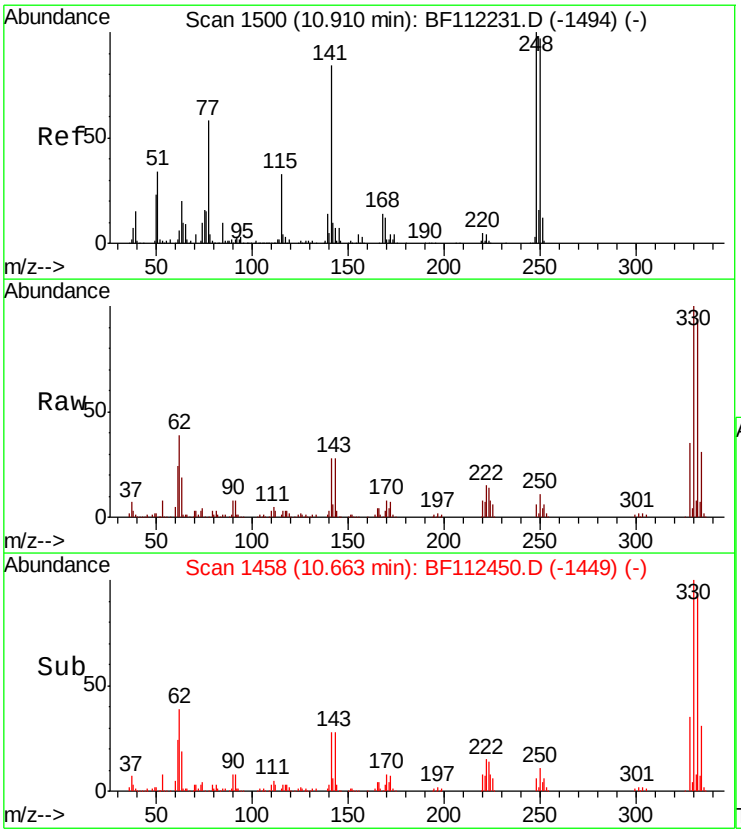
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion:188 Resp: 383900

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	8.8	8.9	13.3#

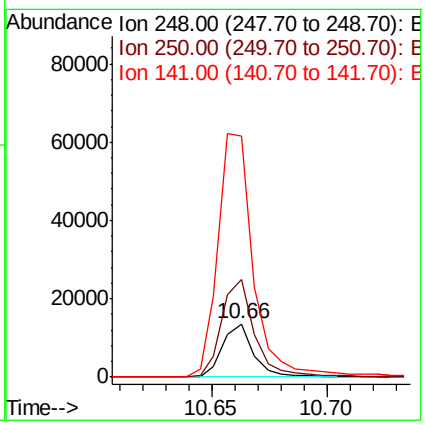


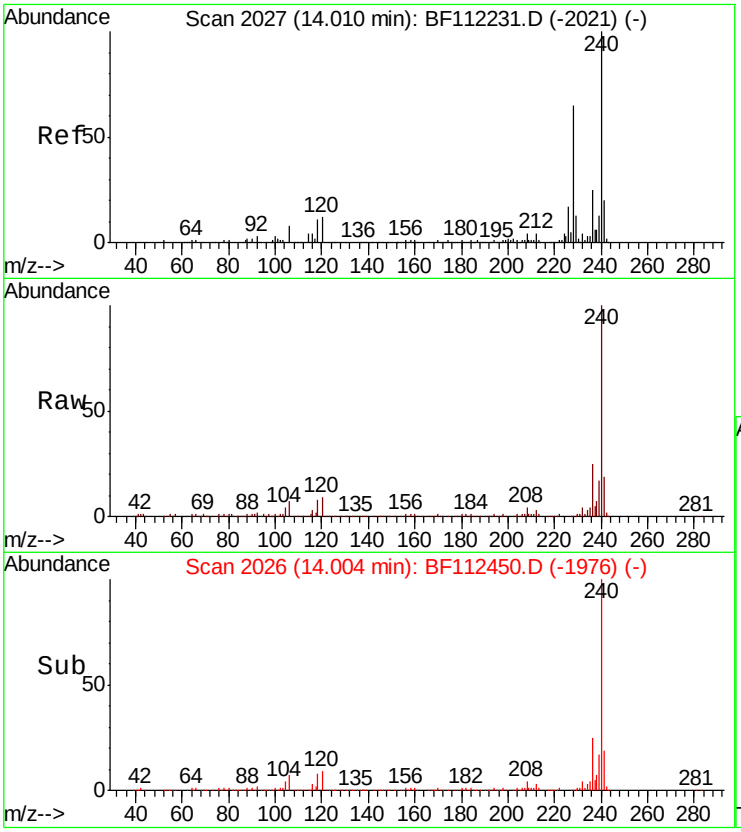


#67
4-Bromophenyl-phenylether
Concen: 2.802 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:248 Resp: 12652

Ion	Ratio	Lower	Upper
248	100		
250	185.1	79.7	119.5#
141	456.4	60.3	90.5#



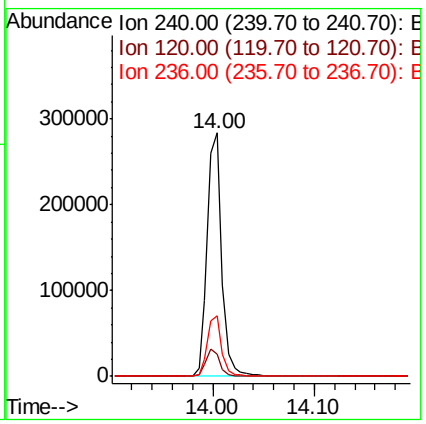


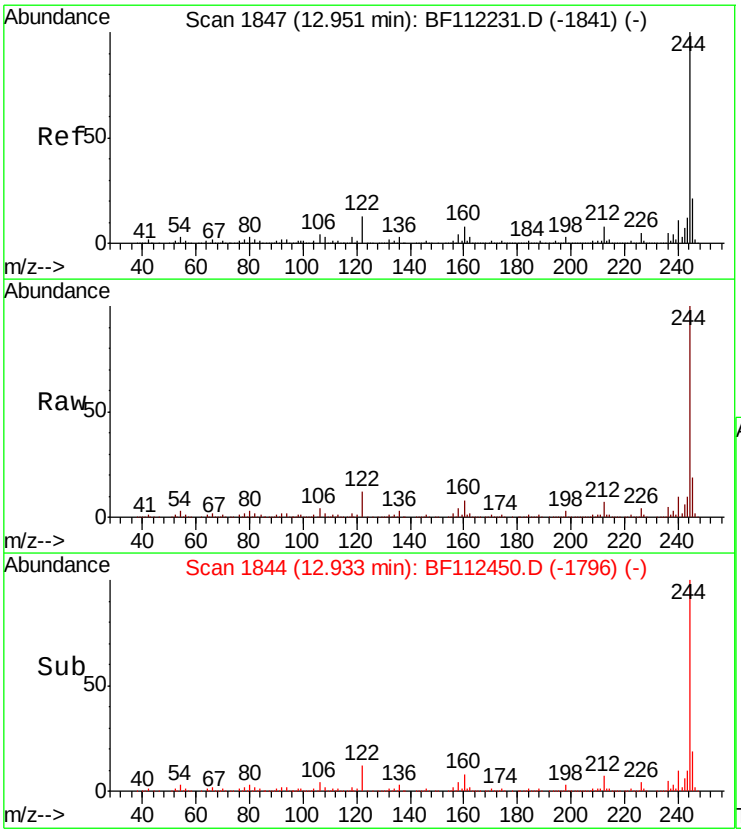
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion:240 Resp: 283245

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.0	13.6#
236	24.7	20.7	31.1

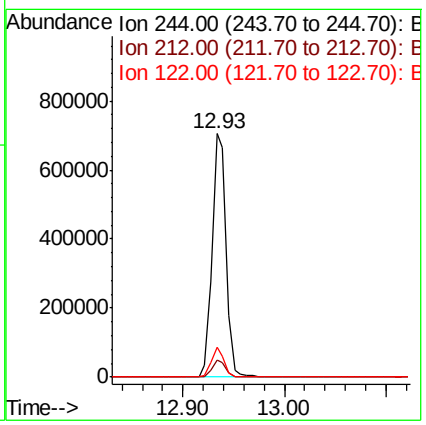


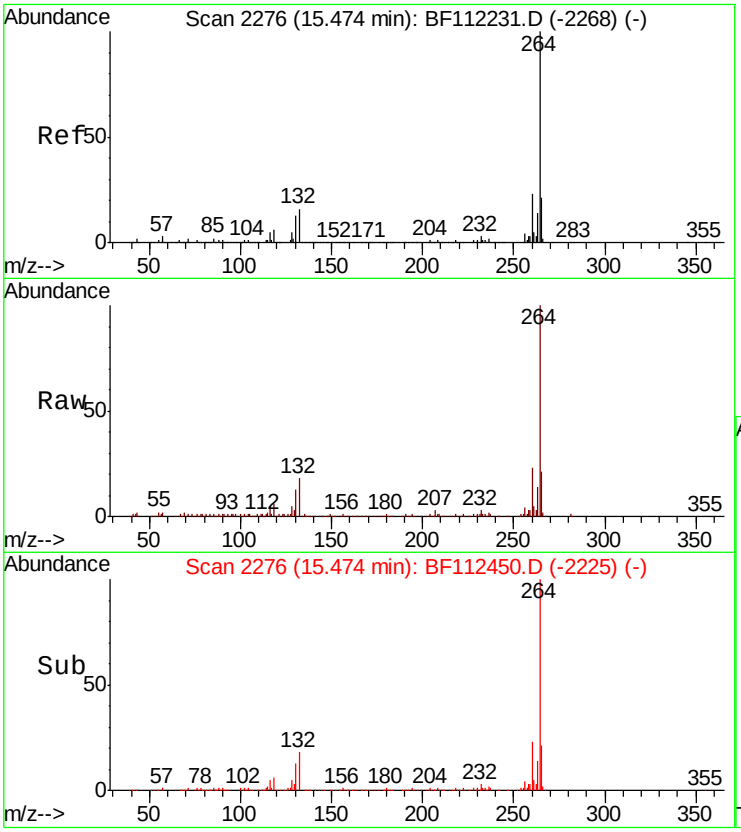


#79
Terphenyl-d14
Concen: 44.840 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:244 Resp: 674338

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.1	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: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tgt Ion:264 Resp: 265790

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	20.9	17.0	25.4