Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110491.D
Acq On : 6 Nov 2018 4:01
Operator : JU/SJ
Sample : J5810-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110218-DBRI-E-D-S

Quant Time: Nov 06 05:30:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	106671	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	417443	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	176919	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	270511	20.00	ng	0.00
76) Chrysene-d12	14.13	240	186791	20.00	ng	0.00
87) Perylene-d12	15.66	264	143691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	294968	45.03	ng	0.00
7) Phenol-d6	6.57	99	236678	28.25	ng	0.00
23) Nitrobenzene-d5	7.52	82	734710	104.39	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	144525	82.47	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1273131	113.00	ng	0.00
79) Terphenyl-d14	13.07	244	874016	97.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	473	Below Cal	#	1
10) Phenol	6.59	94	35926	4.011	ng	# 66
19) n-Nitroso-di-n-propylamine	7.52	70	96348	17.925	ng	# 80
25) Isophorone	7.52	82	734706	61.241	ng	# 67
50) Dimethylphthalate	9.71	163	30865	2.363	ng	99
51) 2,6-Dinitrotoluene	9.99	165	22520	8.005	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	22520	6.303	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	9134	3.113	ng	# 1

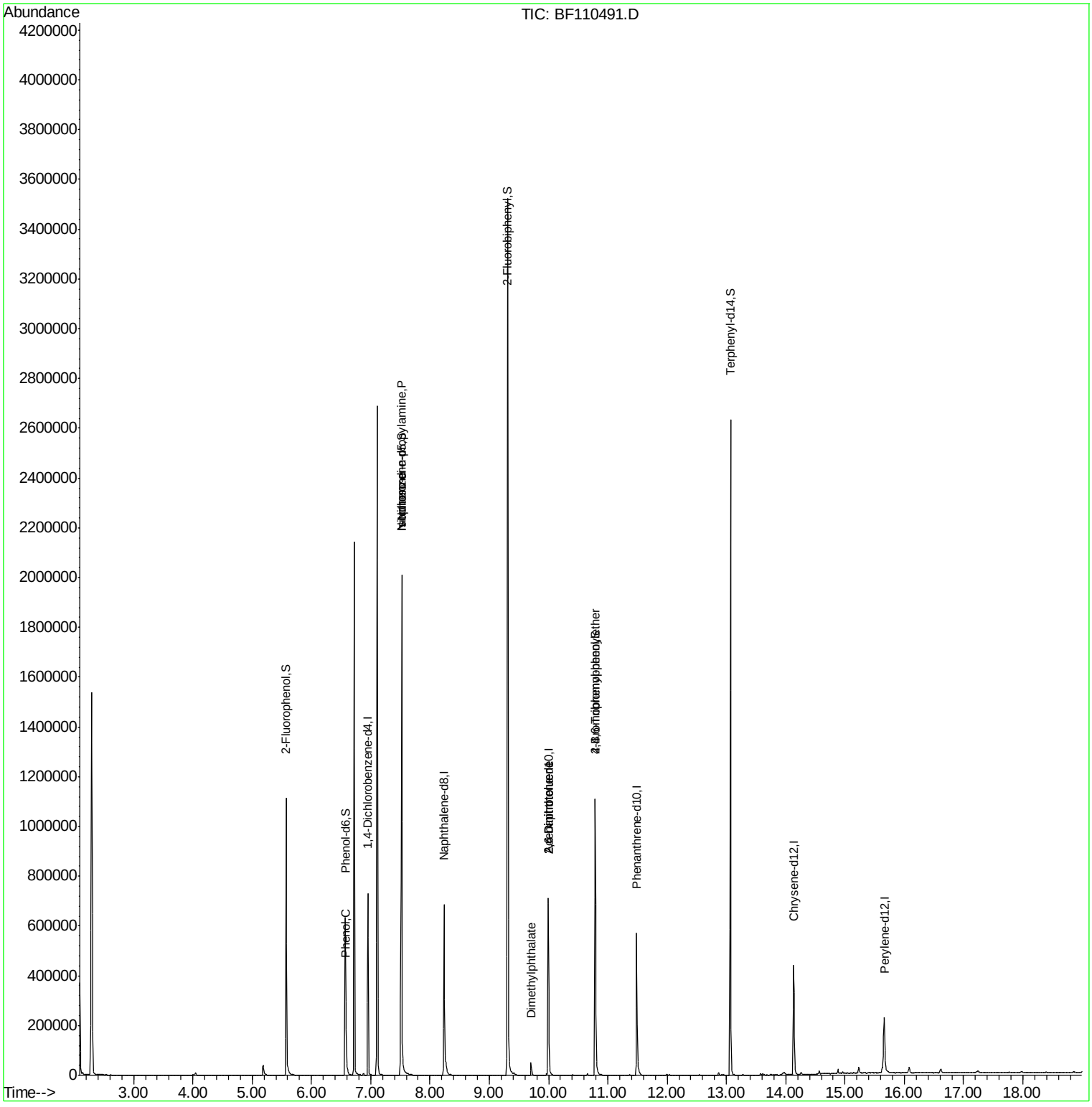
(#) = qualifier out of range (m) = manual integration (+) = signals summed

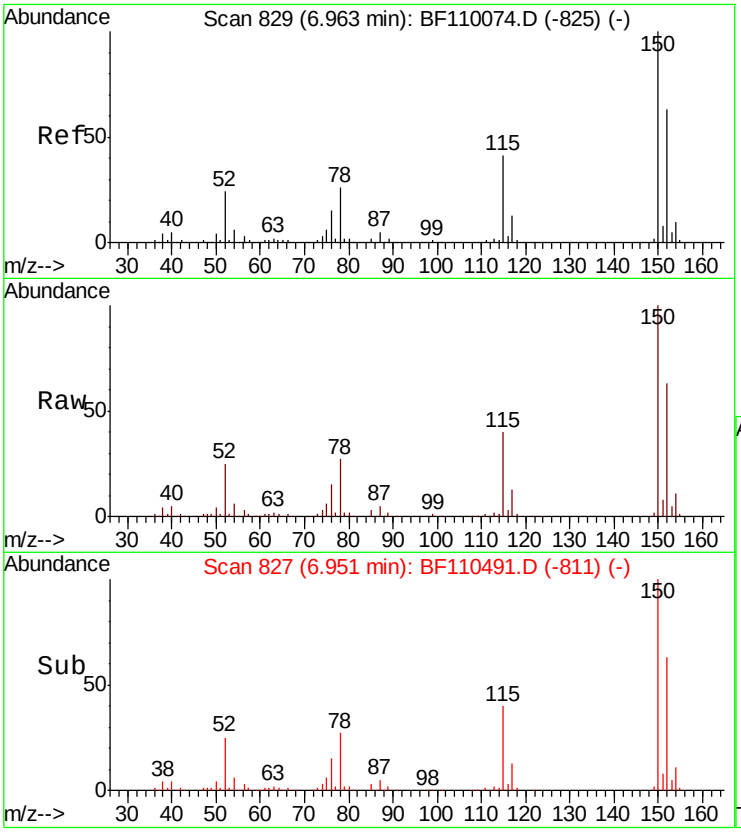
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110491.D
Acq On : 6 Nov 2018 4:01
Operator : JU/SJ
Sample : J5810-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110218-DBRI-E-D-S

Quant Time: Nov 06 05:30:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



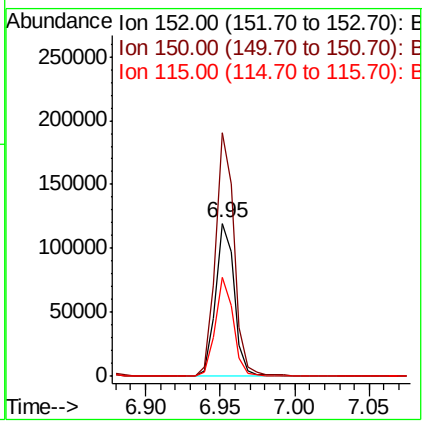


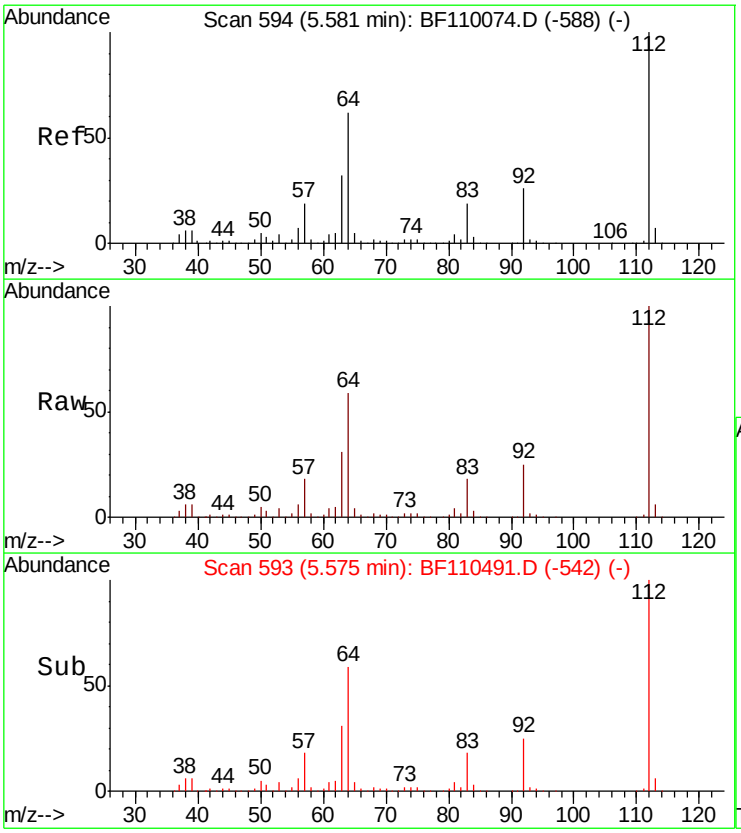
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion:152 Resp: 106671

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	64.3	49.1	73.7

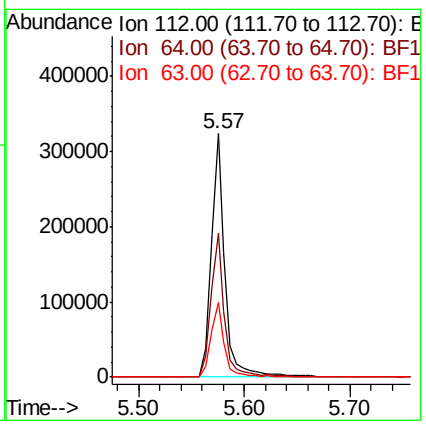


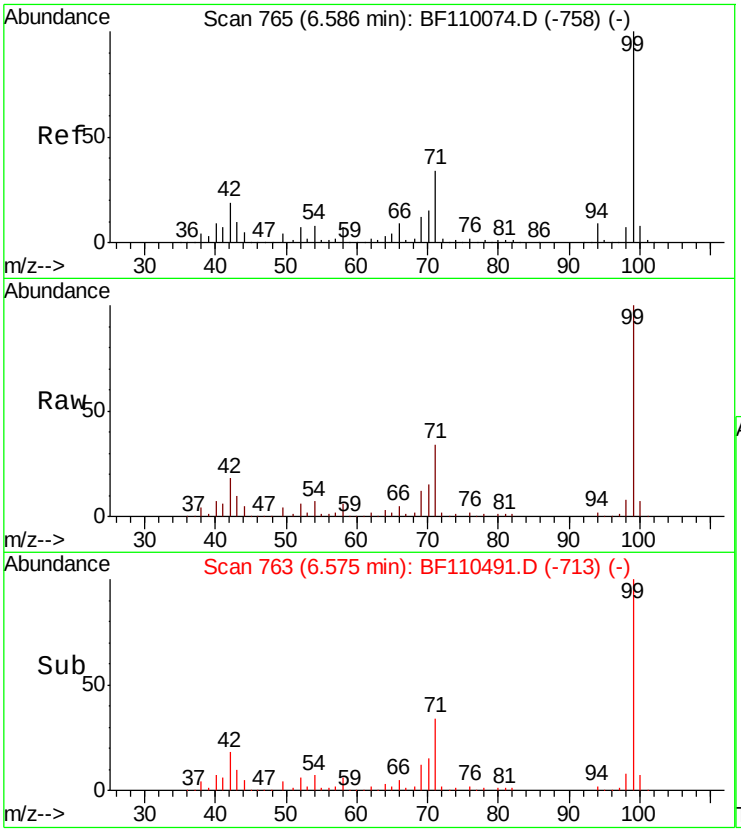


#5
2-Fluorophenol
Concen: 45.030 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion:112 Resp: 294968

Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.1	66.1
63	30.8	23.7	35.5



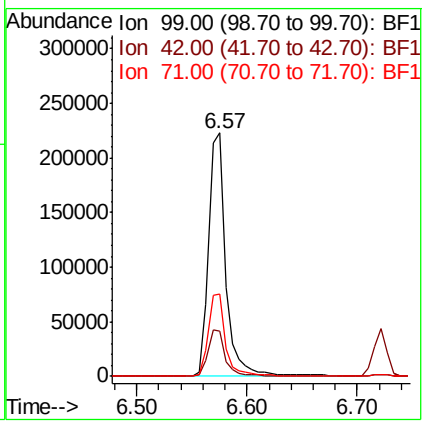


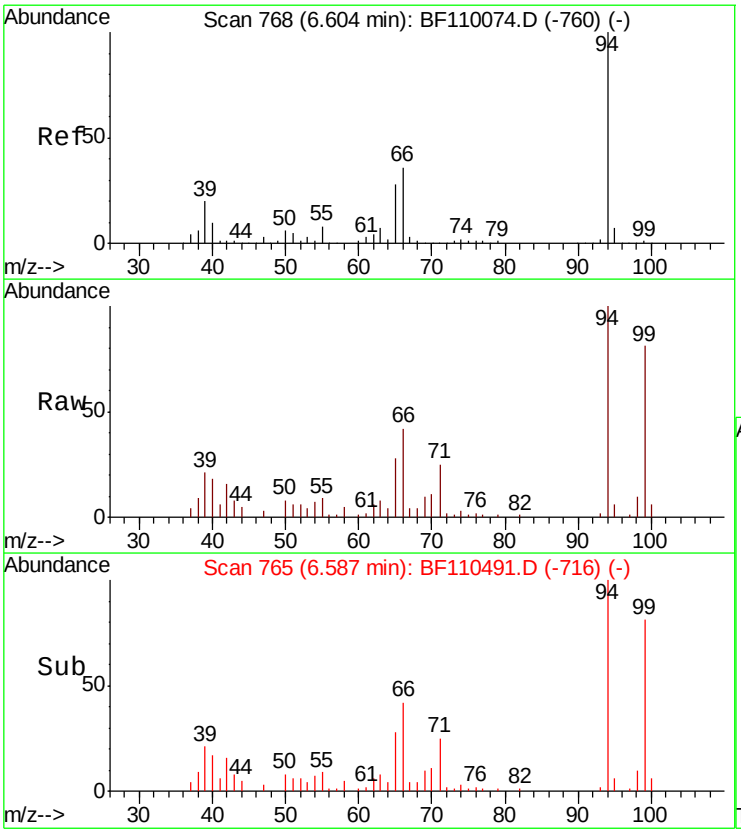
#7
Phenol-d6
Concen: 28.248 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion: 99 Resp: 236678

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	33.7	28.0	42.0

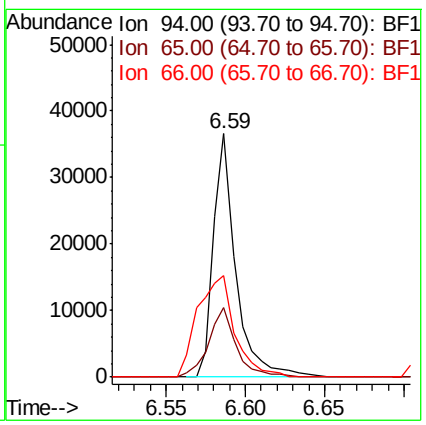


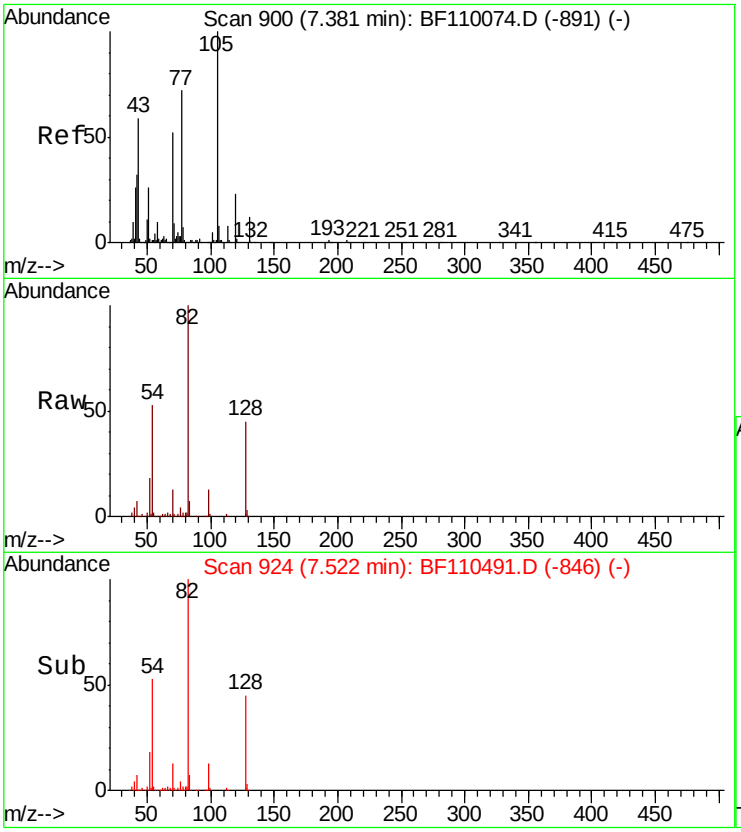


#10
Phenol
Concen: 4.011 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion: 94 Resp: 35926

Ion	Ratio	Lower	Upper
94	100		
65	28.4	25.3	65.3
66	41.5	54.5	94.5#



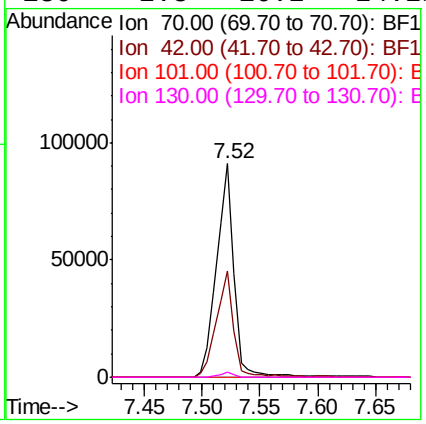


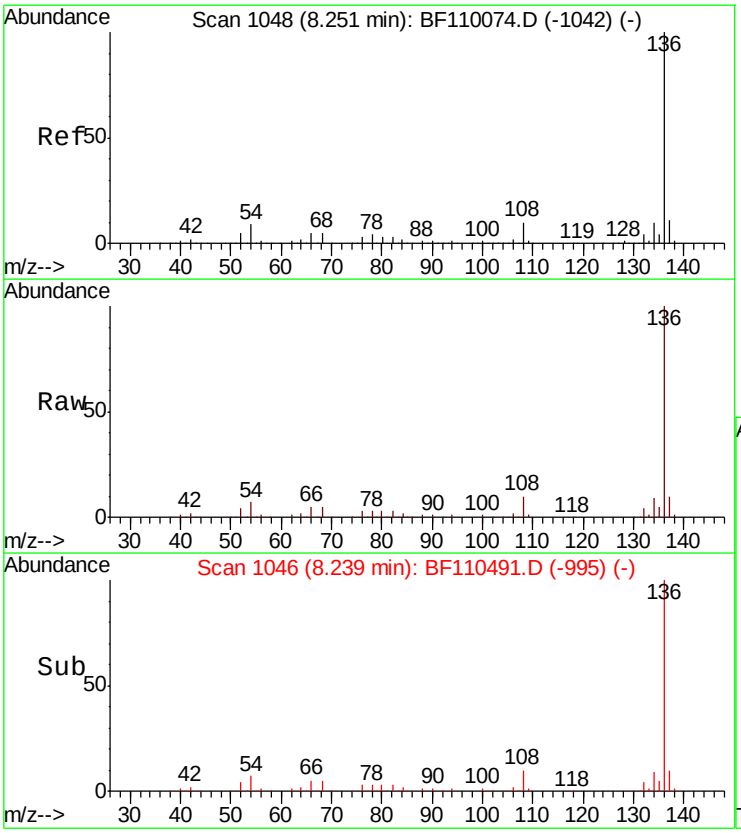
#19
n-Nitroso-di-n-propylamine
Concen: 17.925 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion: 70 Resp: 96348

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

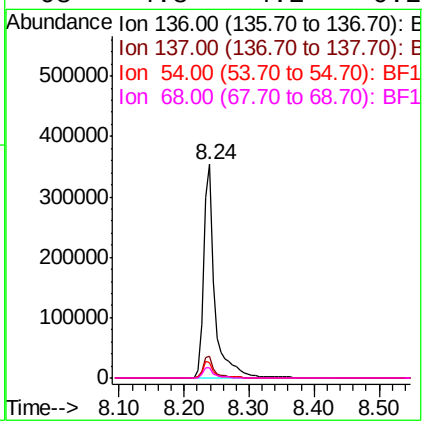


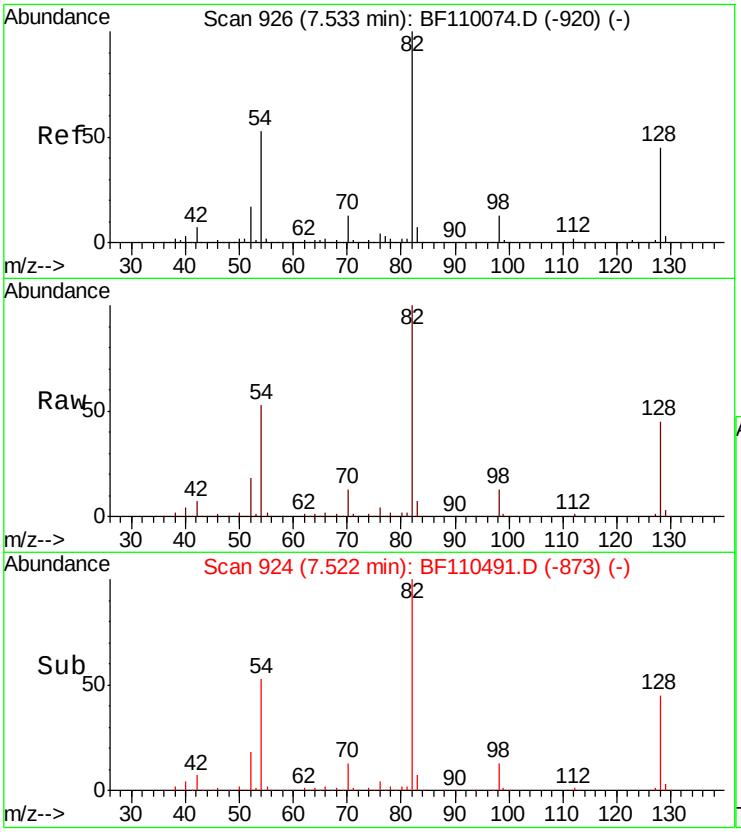


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion:136 Resp: 417443

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.5	5.4	8.2
68	4.8	4.2	6.2



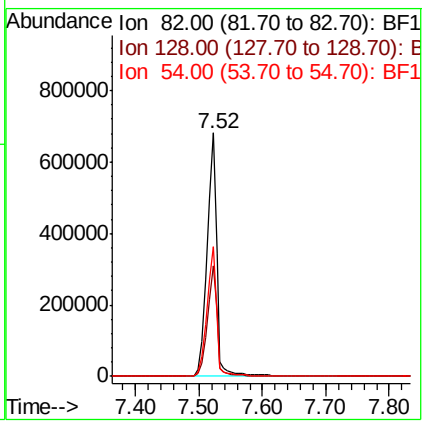


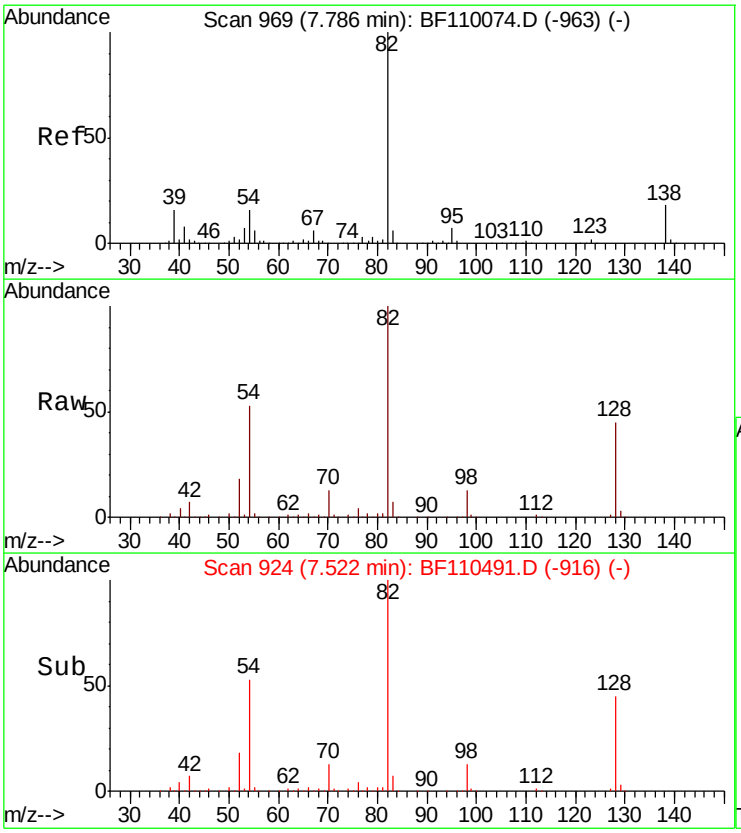
#23
Nitrobenzene-d5
Concen: 104.393 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion: 82 Resp: 734710

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	53.2	38.6	58.0

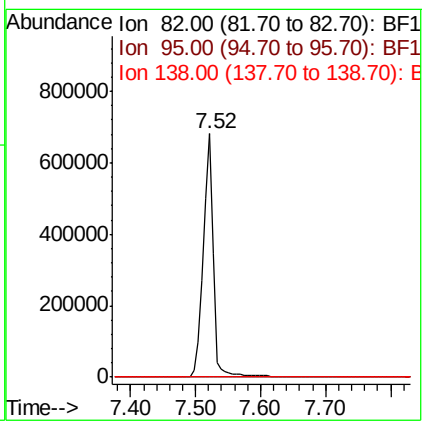


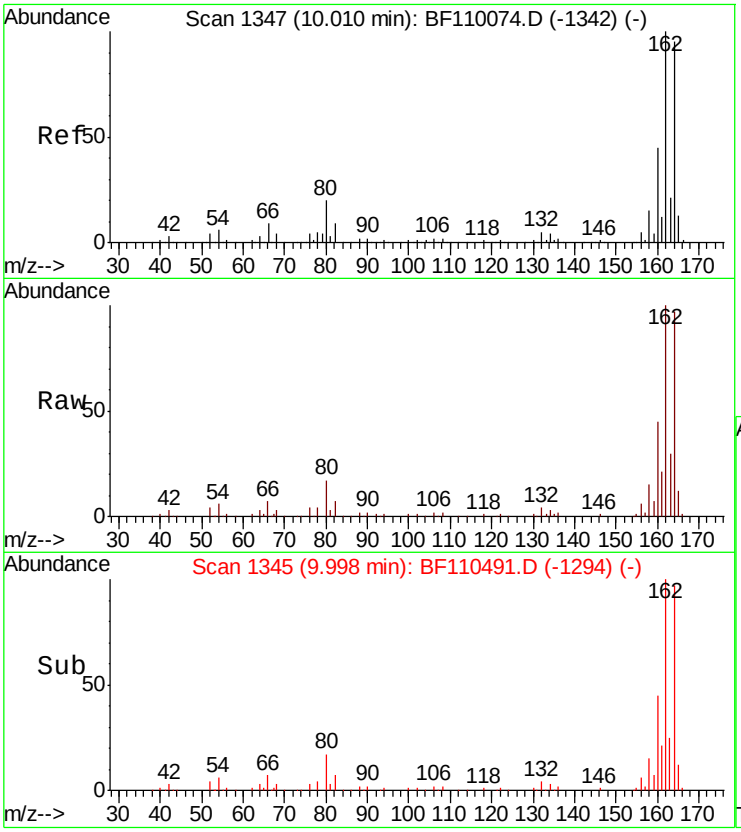


#25
Isophorone
Concen: 61.241 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion: 82 Resp: 734706

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



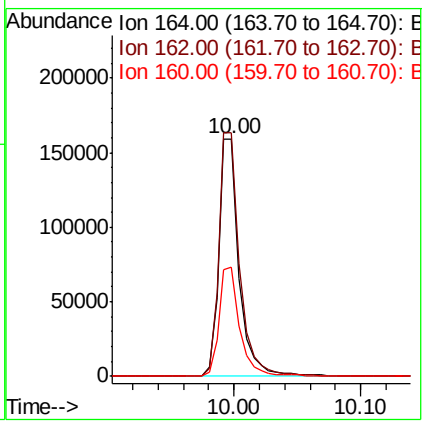


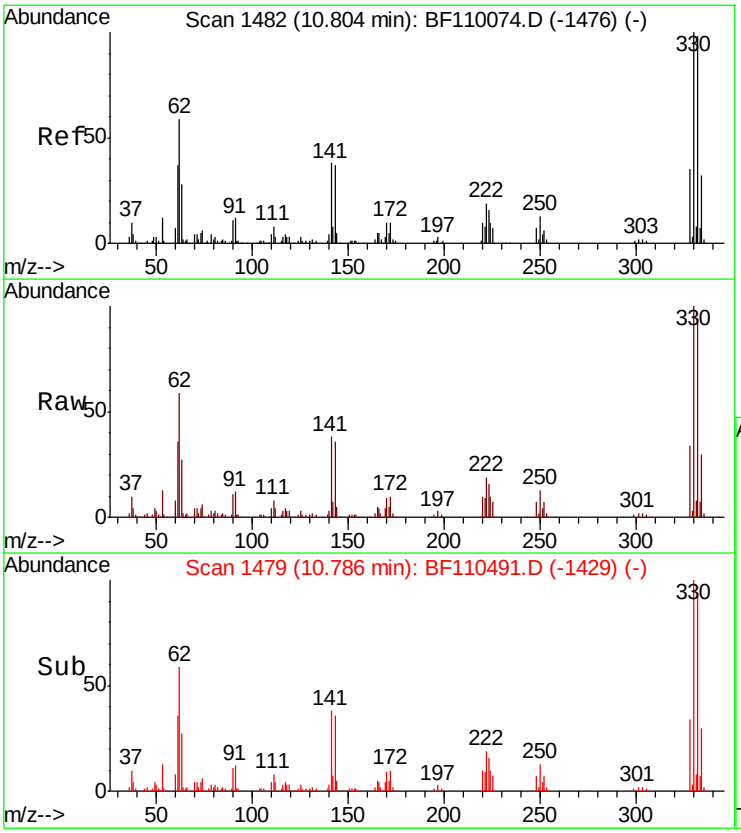
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion:164 Resp: 176919

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	45.9	37.0	55.6

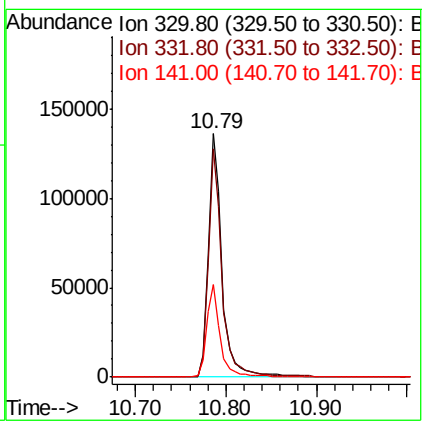


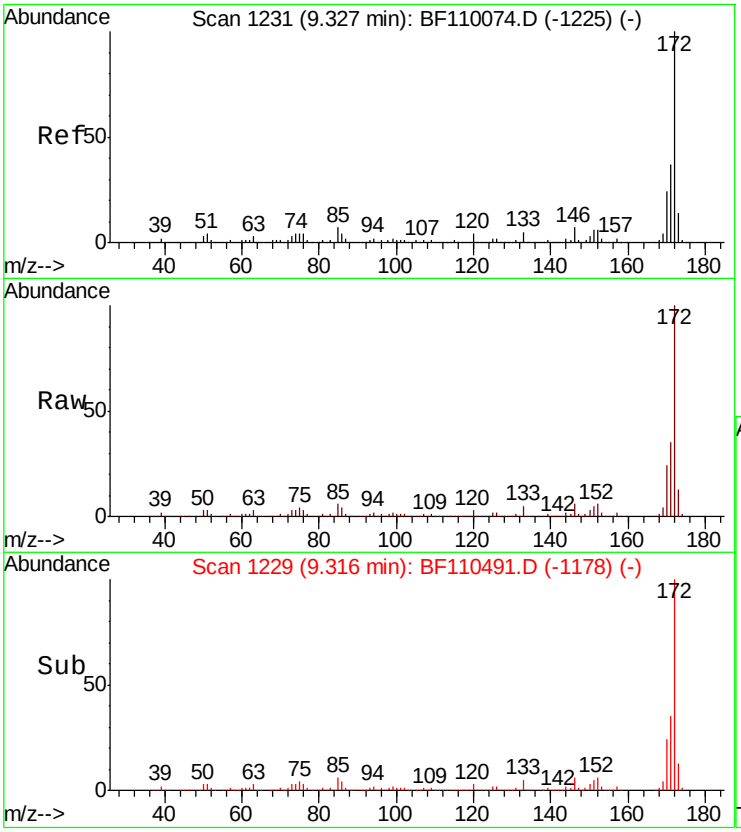


#42
2,4,6-Tribromophenol
Concen: 82.468 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion:330 Resp: 144525

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.1	115.7
141	37.5	27.0	40.4



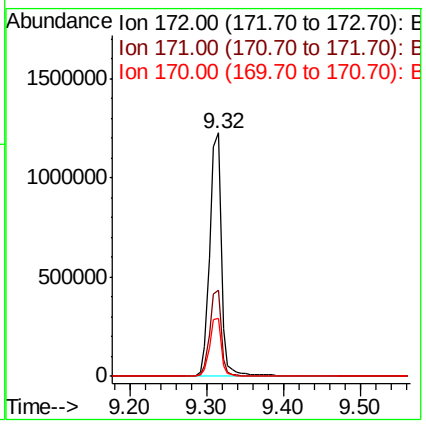


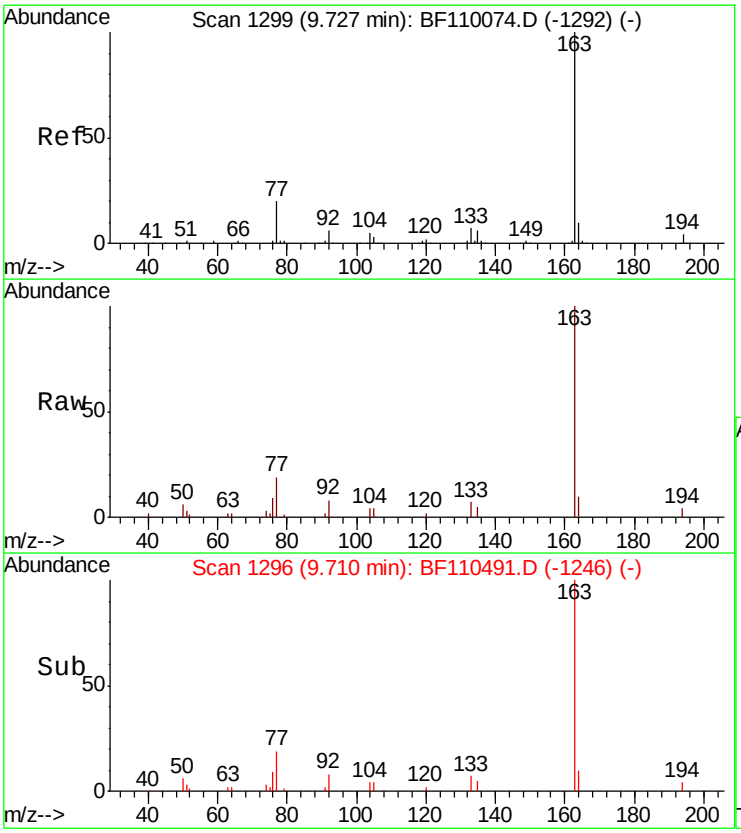
#45
2-Fluorobiphenyl
Concen: 112.998 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion:172 Resp: 1273131

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.9	19.7	29.5

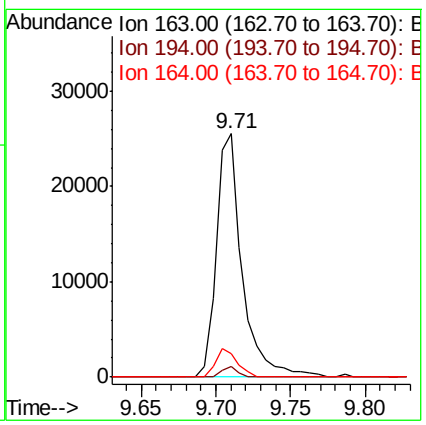


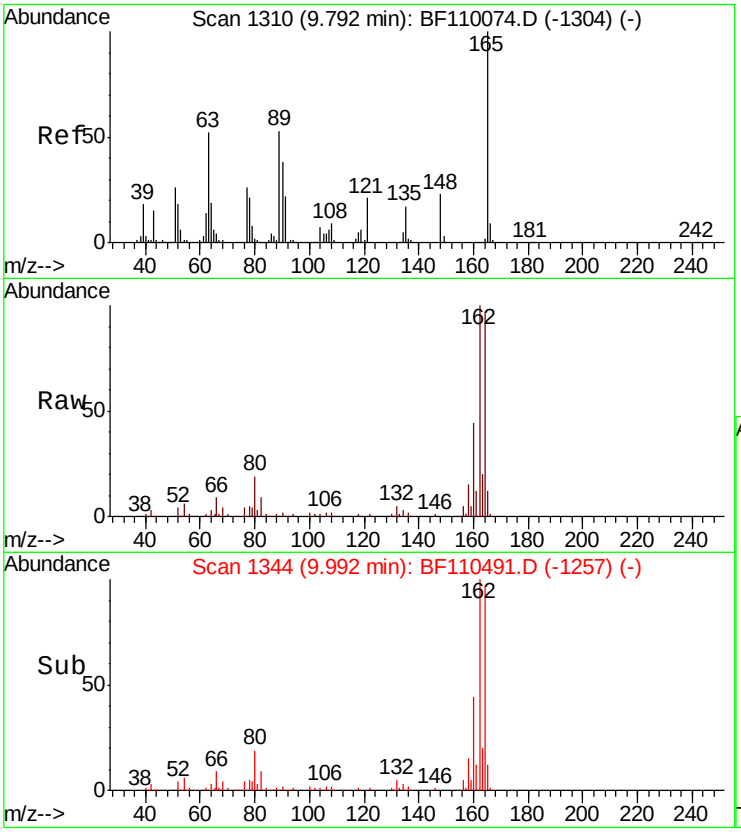


#50
Dimethylphthalate
Concen: 2.363 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion:163 Resp: 30865

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.8	8.1	12.1



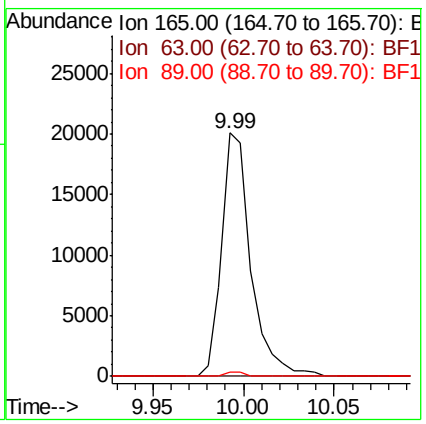


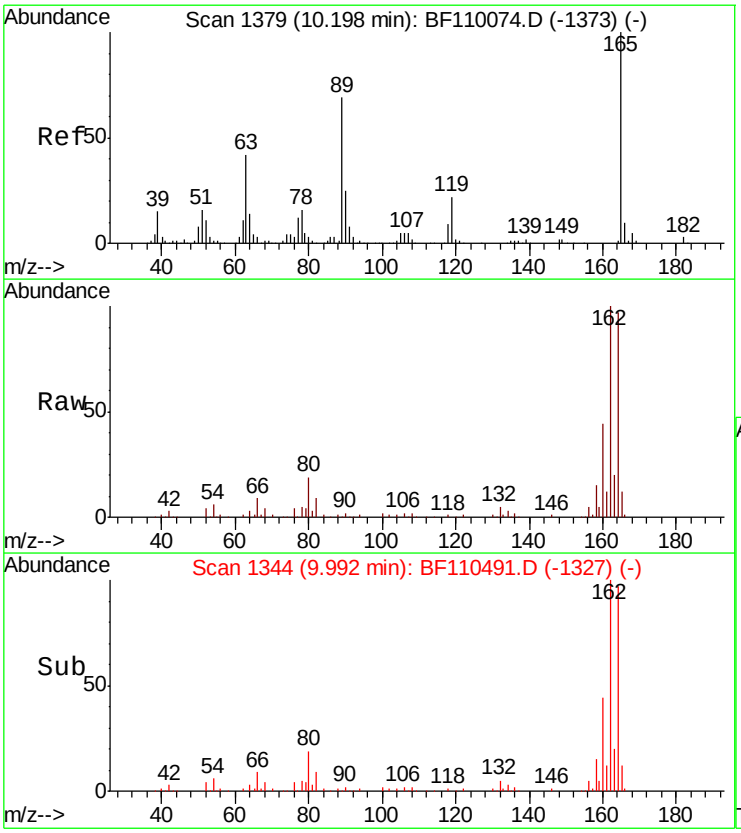
#51
2,6-Dinitrotoluene
Concen: 8.005 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion:165 Resp: 22520

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.9	46.6	69.8#

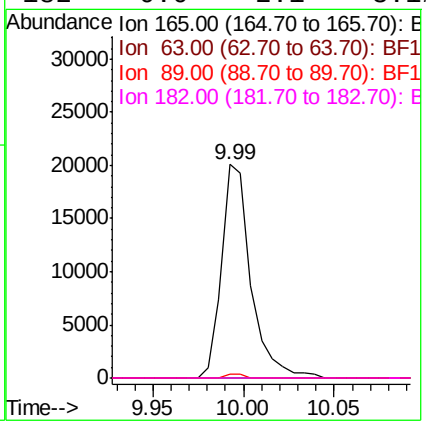


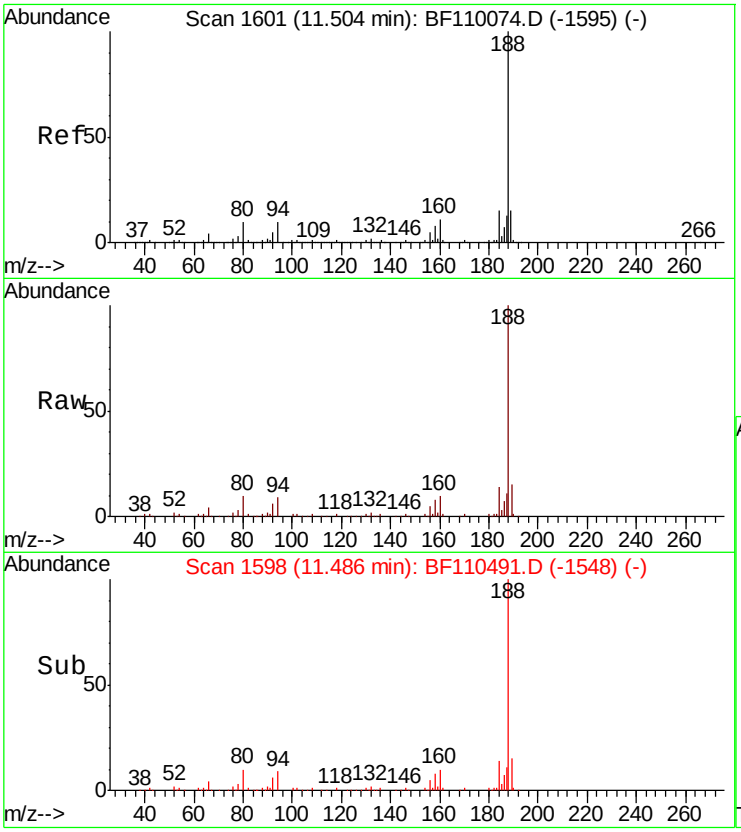


#57
2,4-Dinitrotoluene
Concen: 6.303 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion:165 Resp: 22520

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



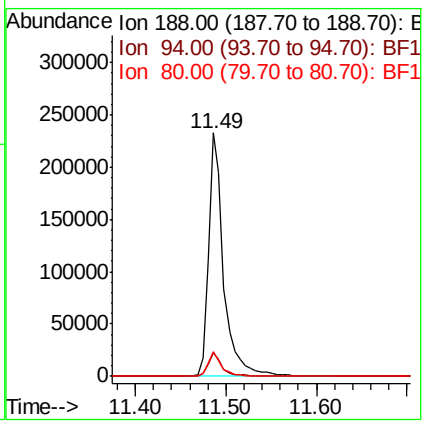


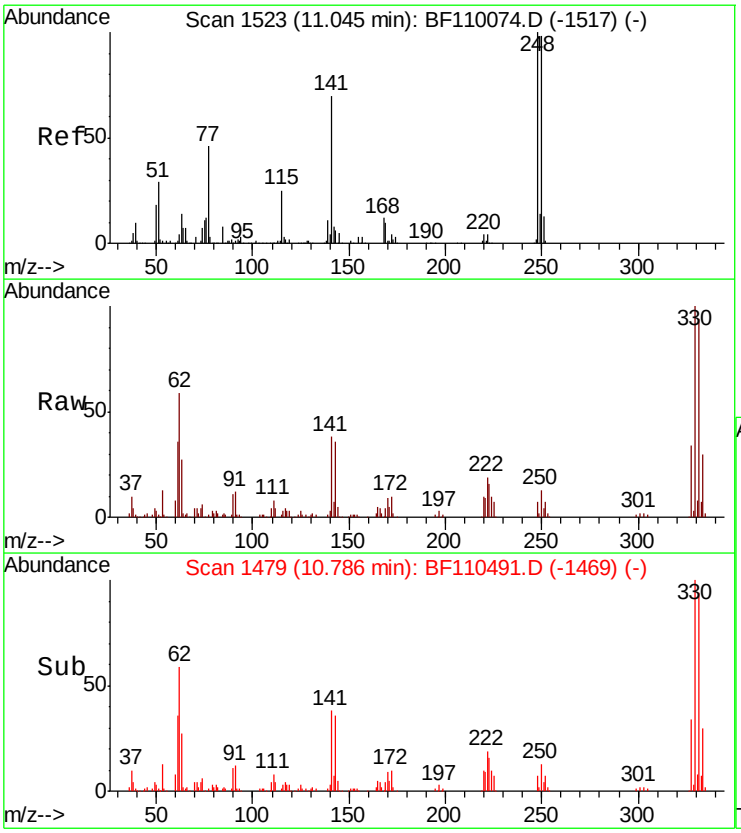
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion:188 Resp: 270511

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.3	7.9	11.9

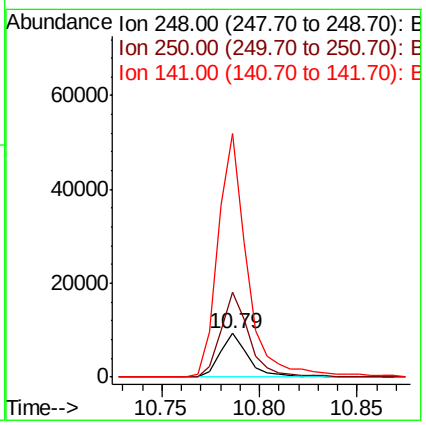


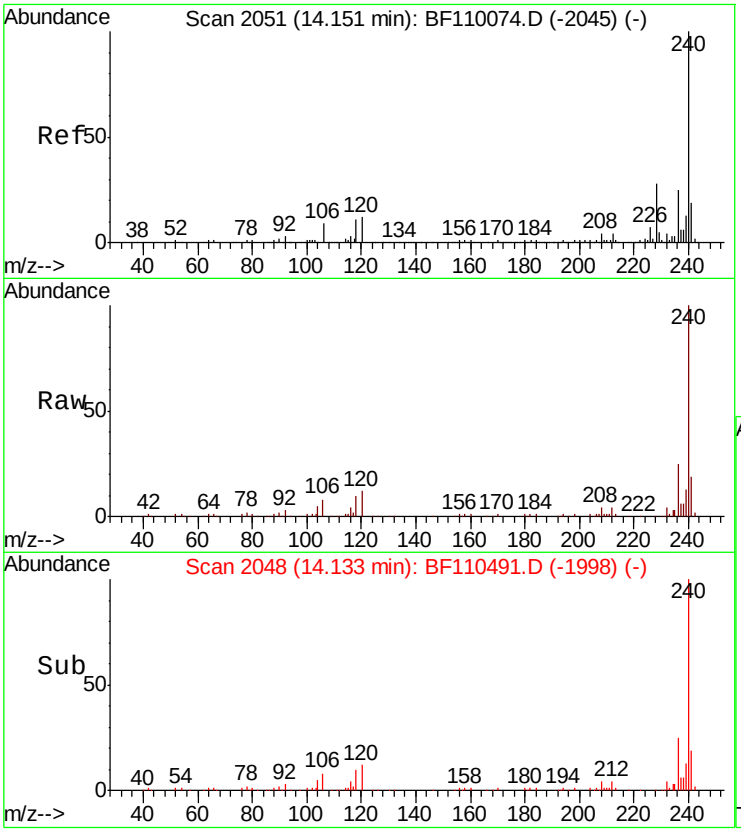


#67
4-Bromophenyl-phenylether
Concen: 3.113 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion:248 Resp: 9134

Ion	Ratio	Lower	Upper
248	100		
250	195.8	79.4	119.2#
141	558.1	55.9	83.9#



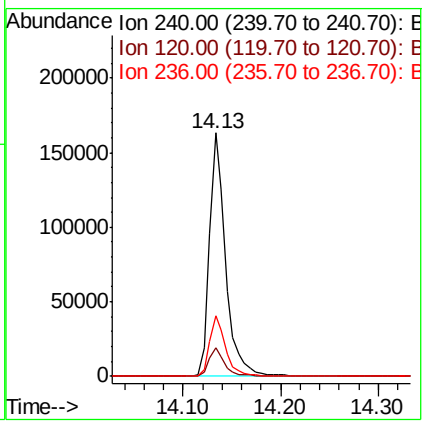


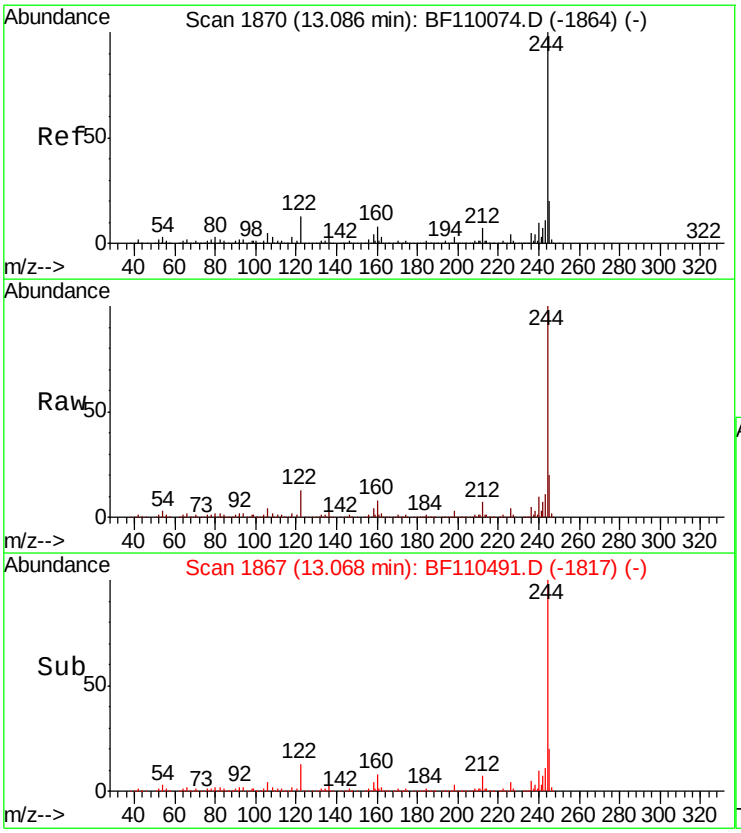
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion:240 Resp: 186791

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.0	21.2	31.8

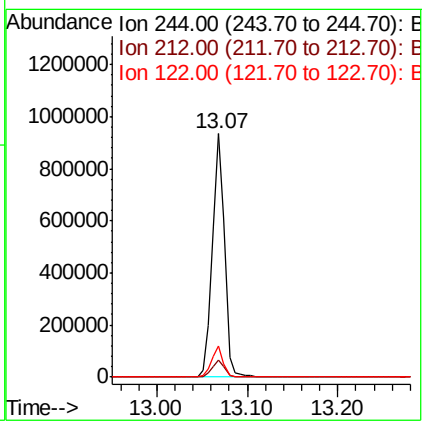


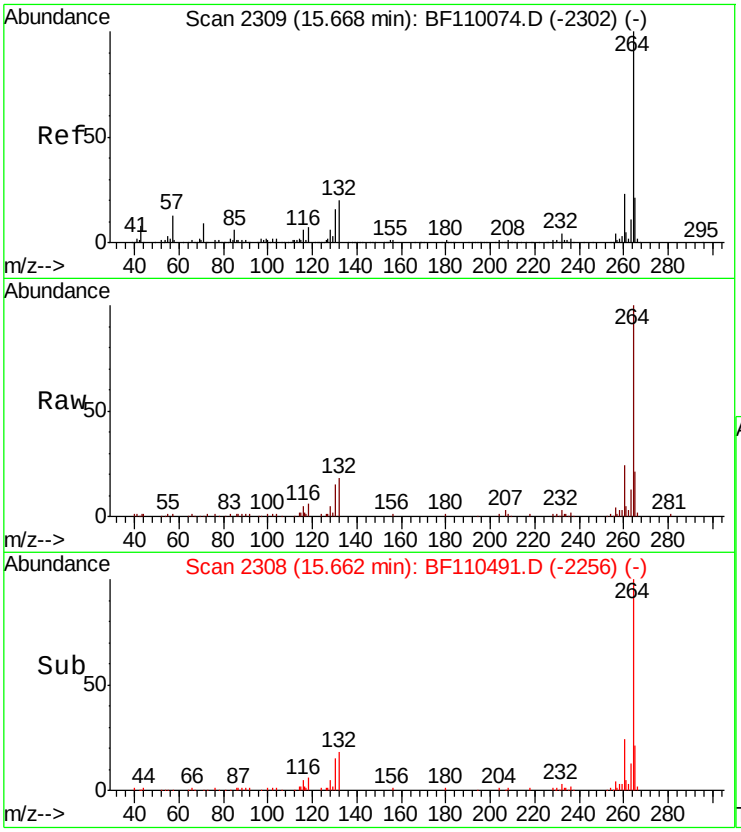


#79
Terphenyl-d14
Concen: 97.312 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Tgt Ion:244 Resp: 874016

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.7	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110491.D
Acq: 6 Nov 2018 4:01

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-S

Tgt Ion:264 Resp: 143691

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.4	16.7	25.1