Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110663.D
Acq On : 10 Nov 2018 8:02
Operator : JU/SJ
Sample : J5881-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 11 03:28:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72241	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	294235	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	119455	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	186739	20.00	ng	0.00
76) Chrysene-d12	14.13	240	136960	20.00	ng	-0.01
87) Perylene-d12	15.66	264	101000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	175586	39.48	ng	0.00
7) Phenol-d6	6.56	99	133494	23.47	ng	-0.01
23) Nitrobenzene-d5	7.51	82	493019	96.50	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	89354	74.24	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	899741	107.57	ng	0.00
79) Terphenyl-d14	13.06	244	537823	73.54	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.58	94	25625	3.886	ng	# 67
19) n-Nitroso-di-n-propylamine	7.51	70	65156	17.948	ng	# 81
25) Isophorone	7.51	82	493059	58.880	ng	# 67
50) Dimethylphthalate	9.69	163	34480	3.868	ng	99
51) 2,6-Dinitrotoluene	9.99	165	15236	7.770	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	15236	5.976	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5765	2.793	ng	# 1

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

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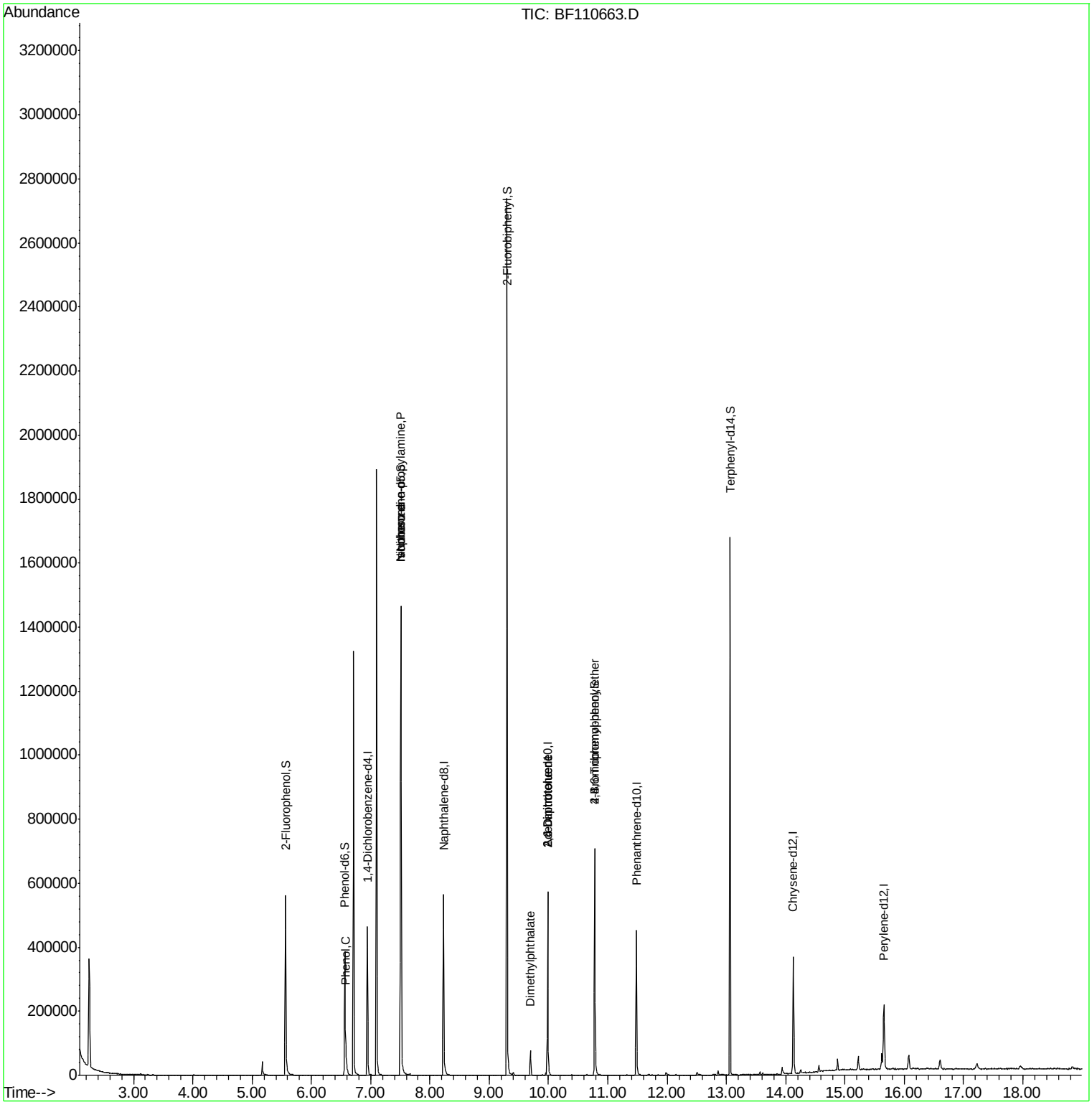
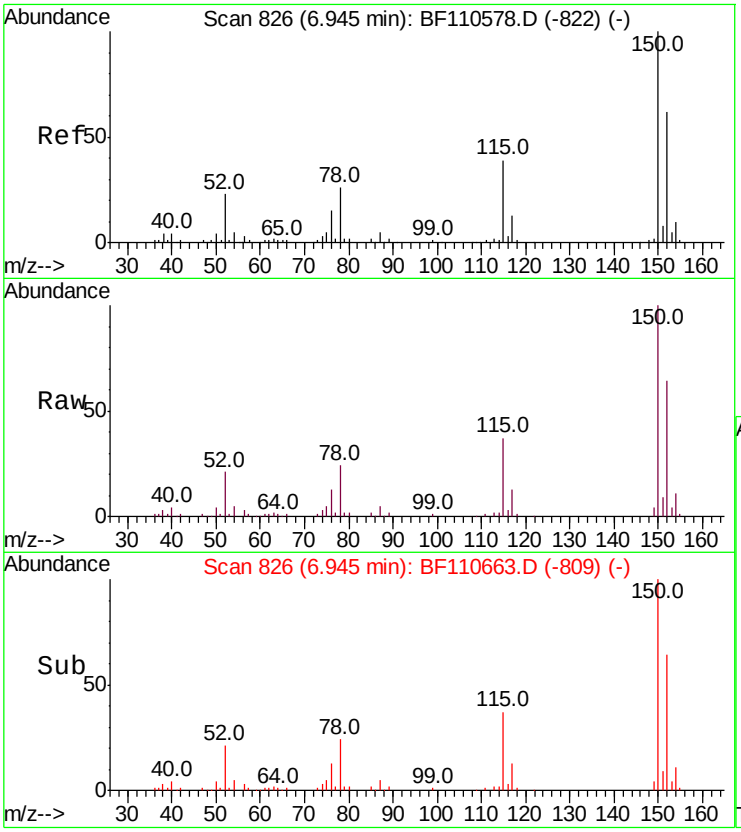


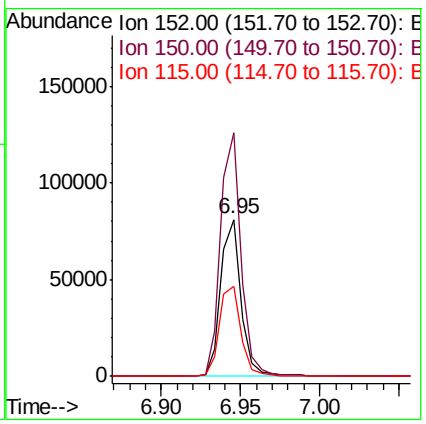


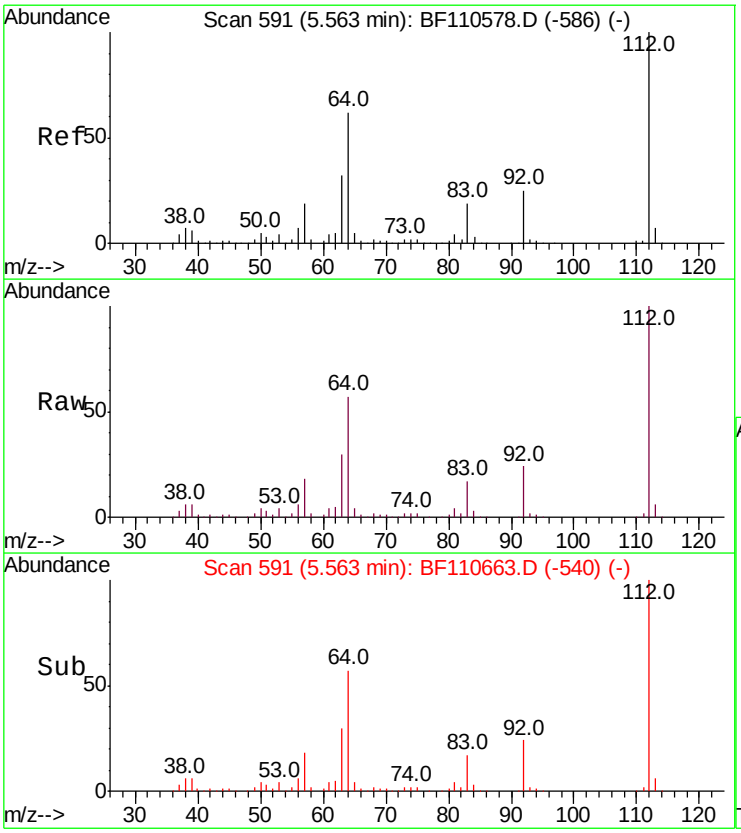
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 72241

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.7	184.1
115	57.5	49.1	73.7

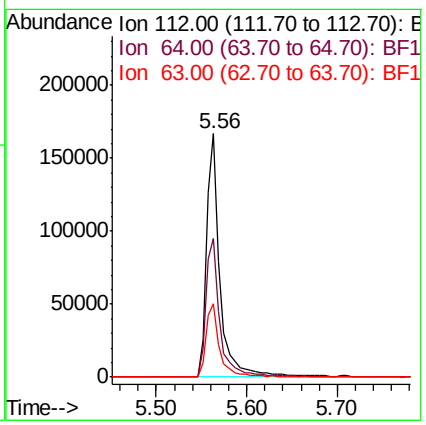


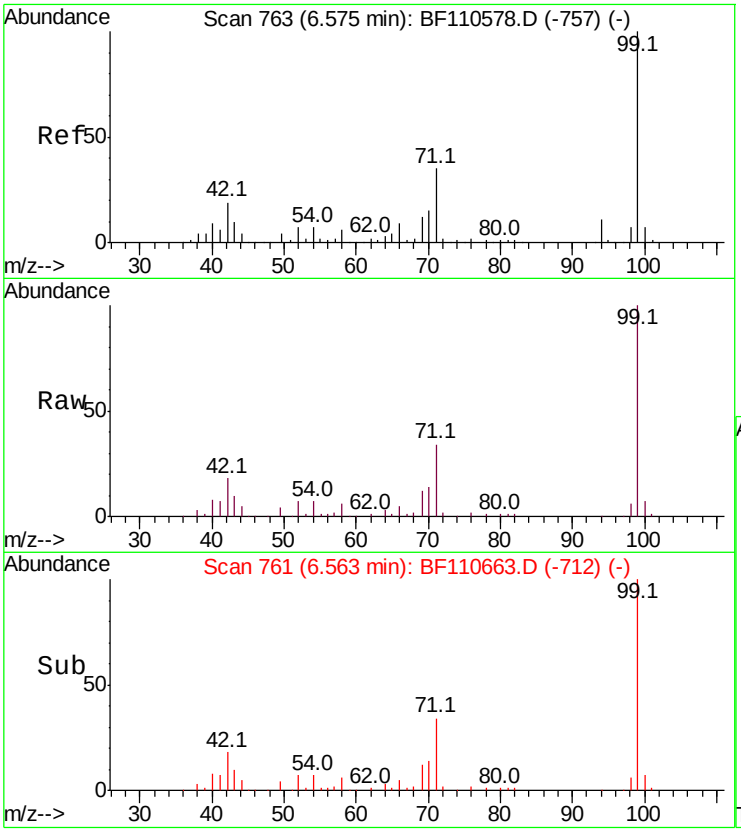


#5
2-Fluorophenol
Concen: 39.480 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:112 Resp: 175586

Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.1	66.1
63	30.3	23.7	35.5



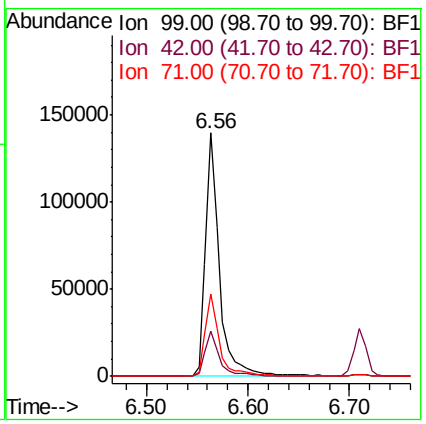


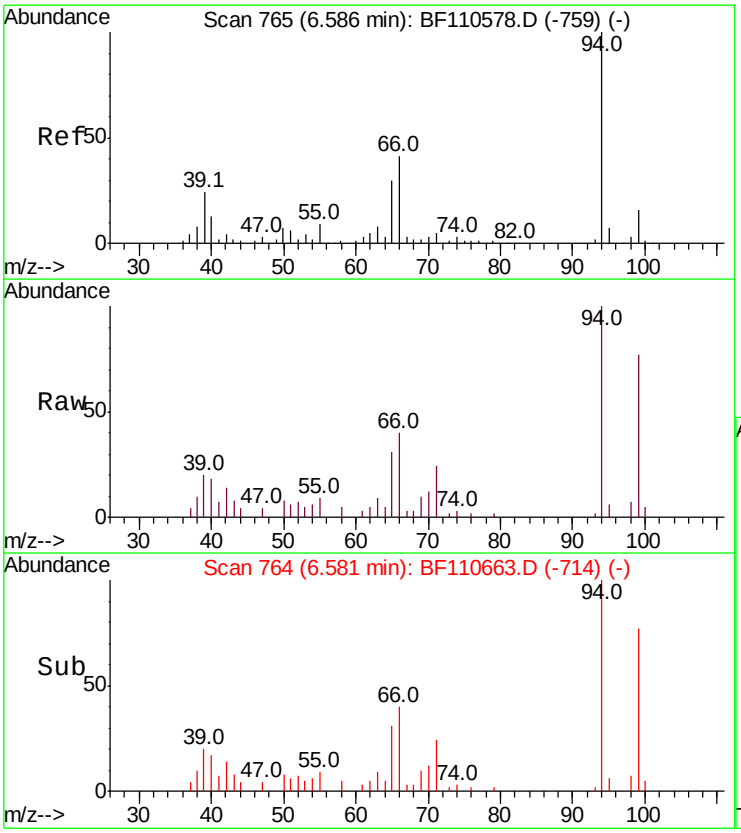
#7
Phenol-d6
Concen: 23.473 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 133494

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

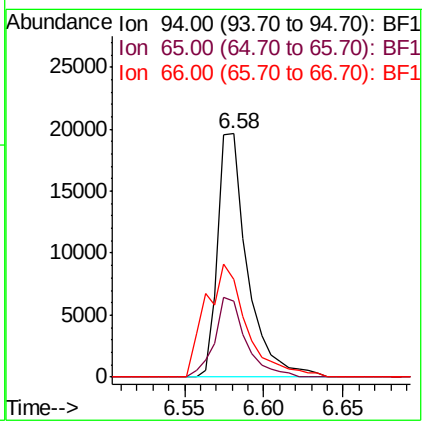


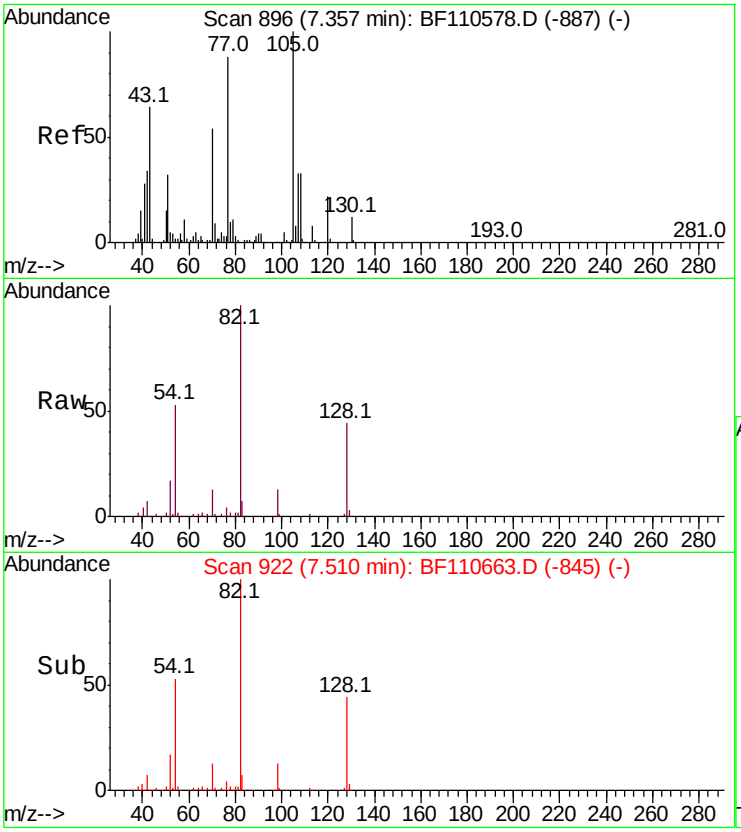


#10
Phenol
Concen: 3.886 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion: 94 Resp: 25625

Ion	Ratio	Lower	Upper
94	100		
65	31.2	25.3	65.3
66	39.9	54.5	94.5#



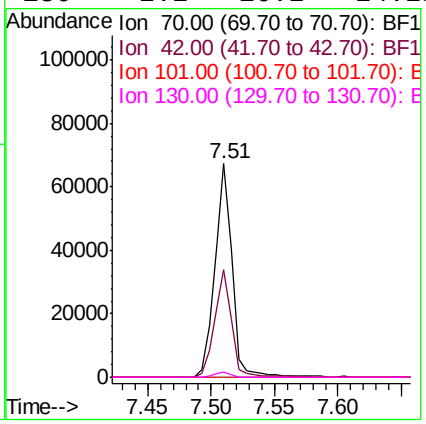


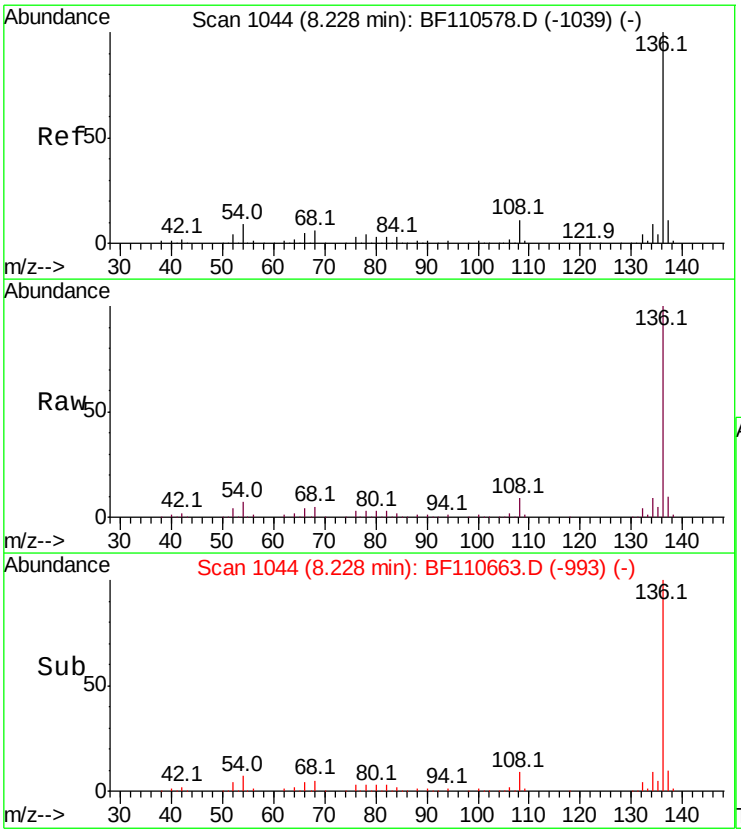
#19
n-Nitroso-di-n-propylamine
Concen: 17.948 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 65156

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

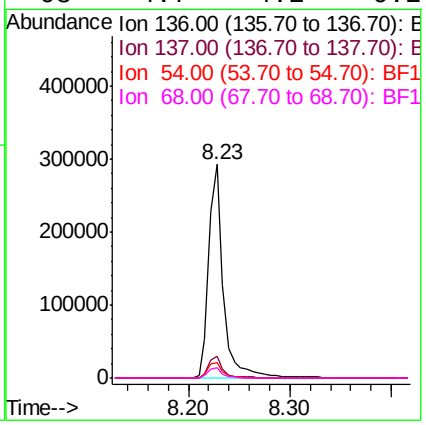


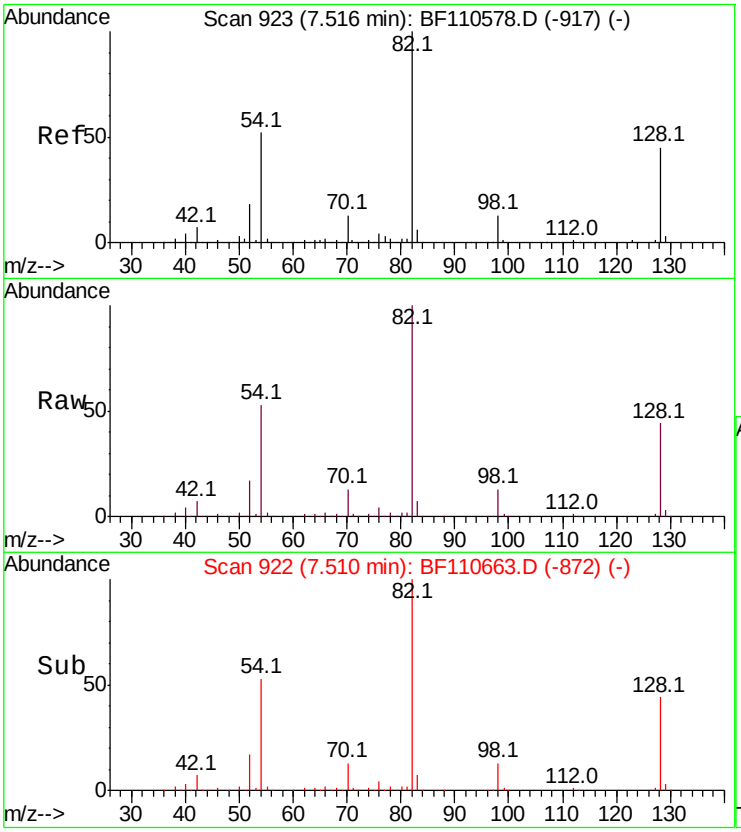


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:136 Resp: 294235

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.3	5.4	8.2
68	4.7	4.2	6.2



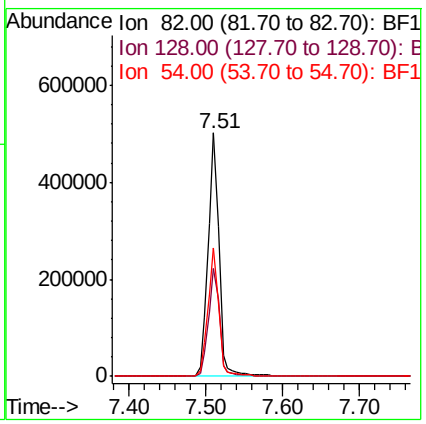


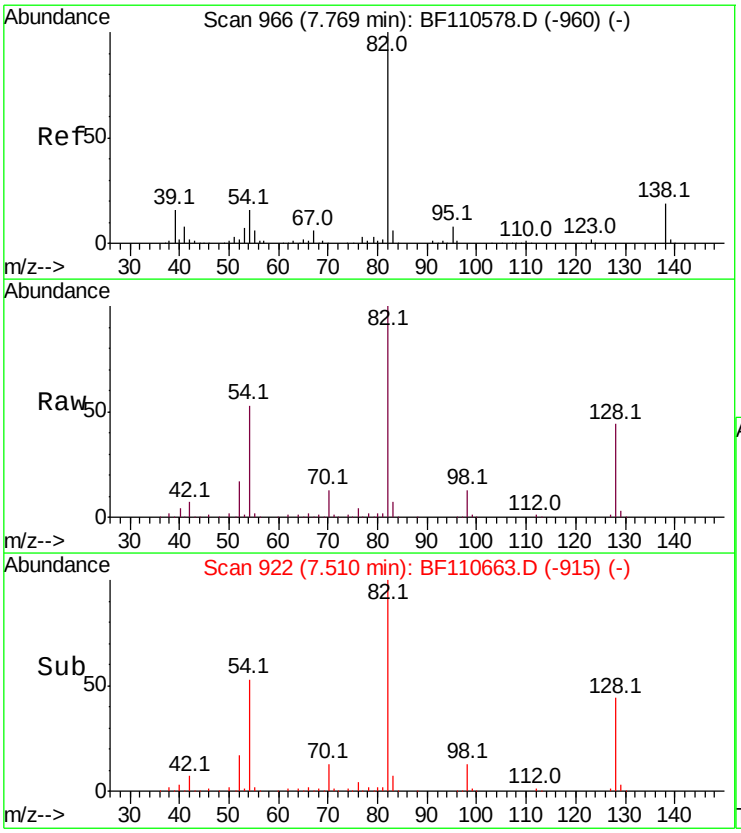
#23
Nitrobenzene-d5
Concen: 96.497 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 493019

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	52.7	38.6	58.0

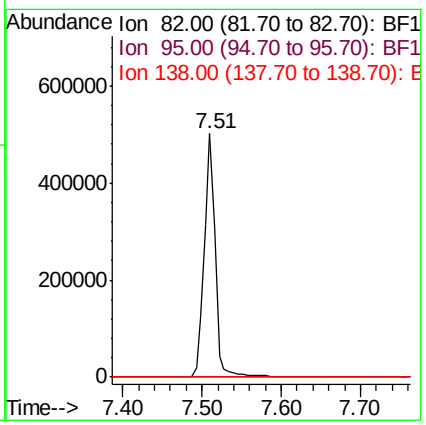


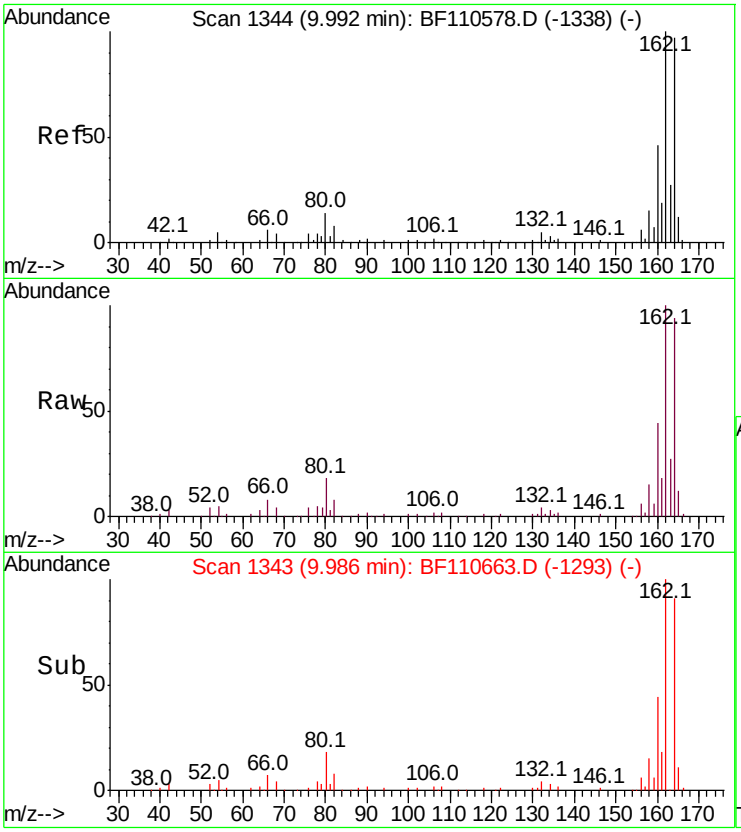


#25
Isophorone
Concen: 58.880 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion: 82 Resp: 493059

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



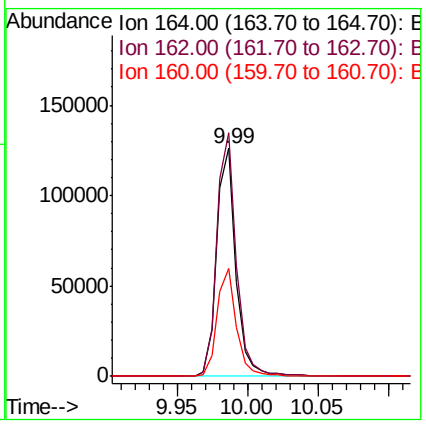


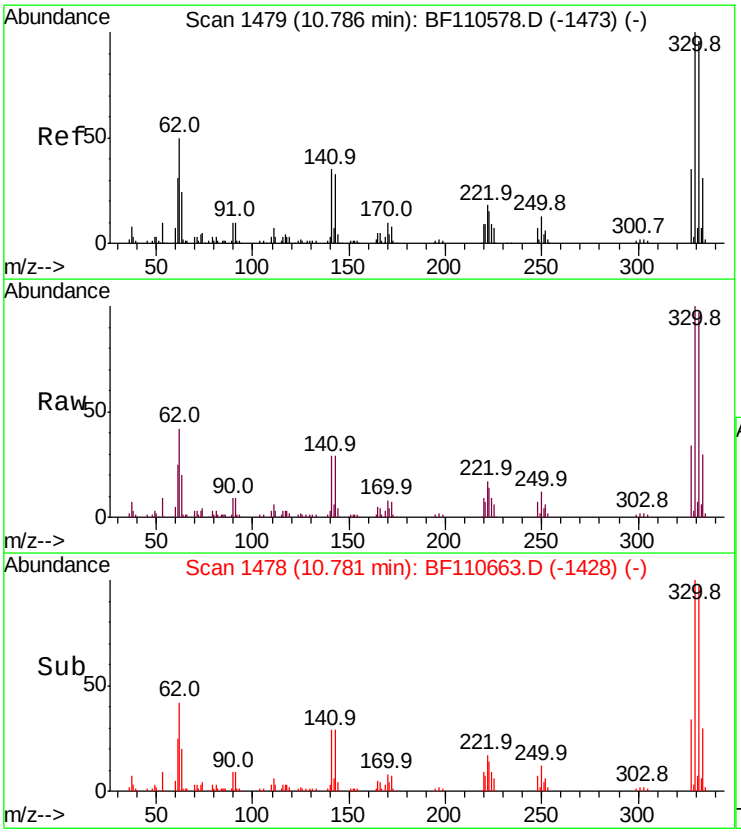
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 119455

Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.0	124.6
160	47.2	37.0	55.6

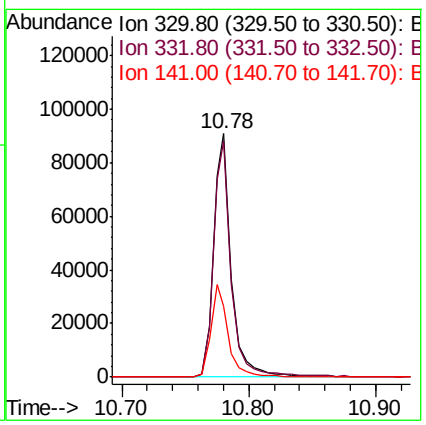


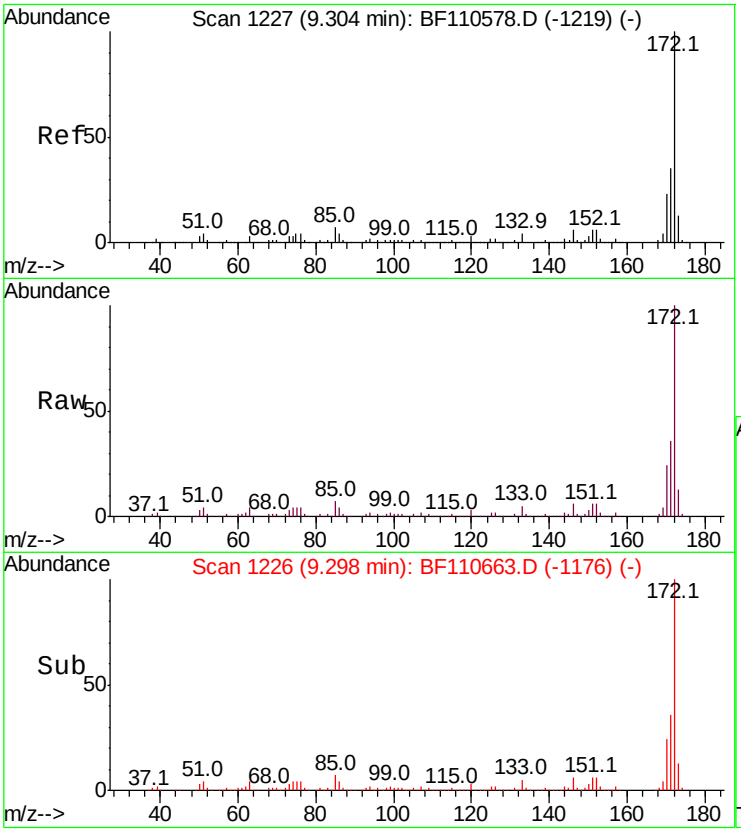


#42
2,4,6-Tribromophenol
Concen: 74.235 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:330 Resp: 89354

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	37.3	27.0	40.4

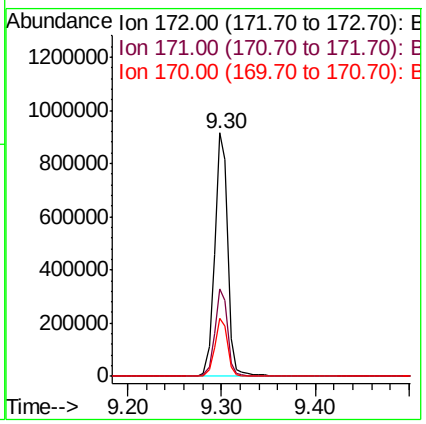




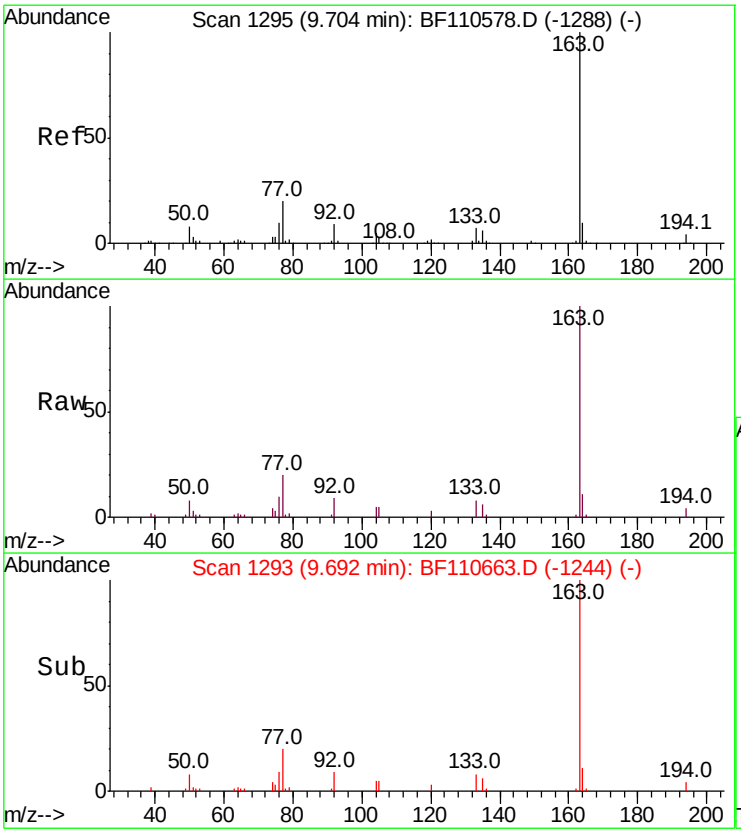
#45
2-Fluorobiphenyl
Concen: 107.571 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:172 Resp: 899741

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.8	19.7	29.5



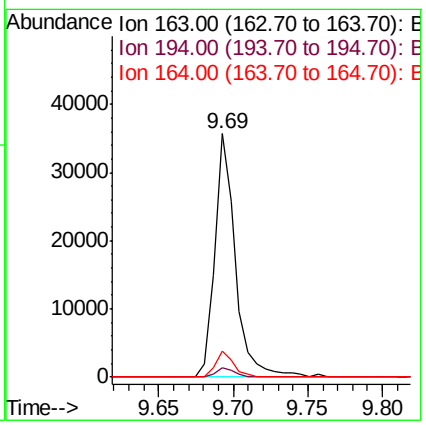
Instrument :
BNA_F
ClientSampleId :

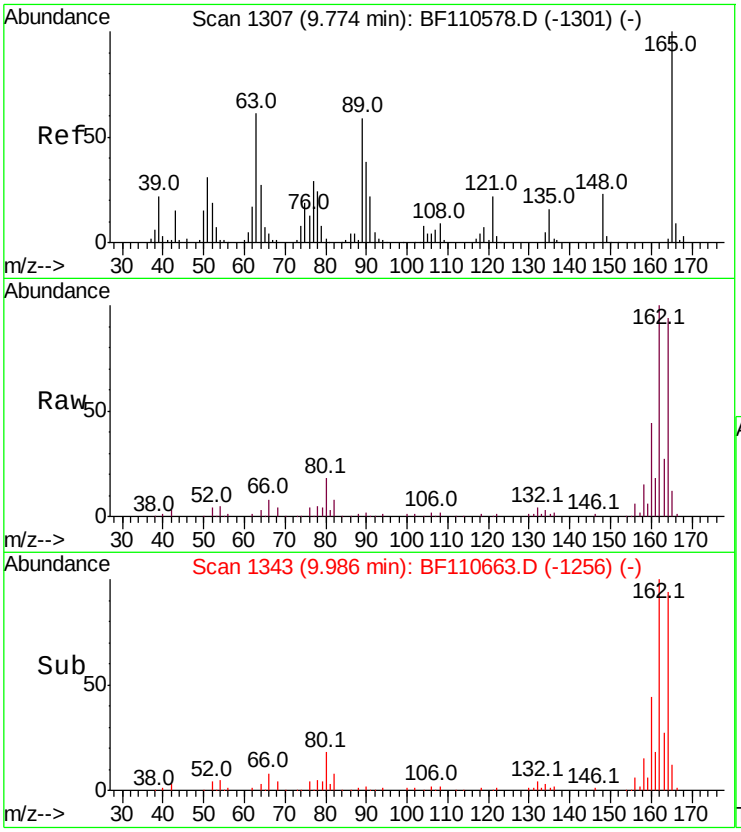


#50
Dimethylphthalate
Concen: 3.868 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:163 Resp: 34480

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	8.1	12.1



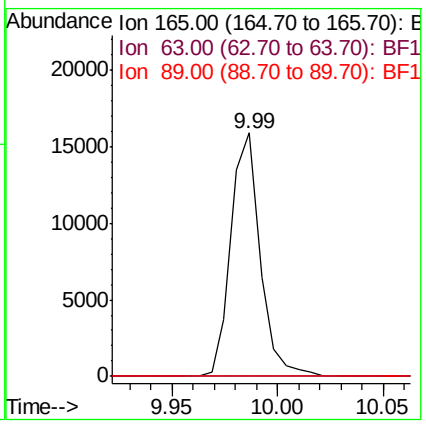


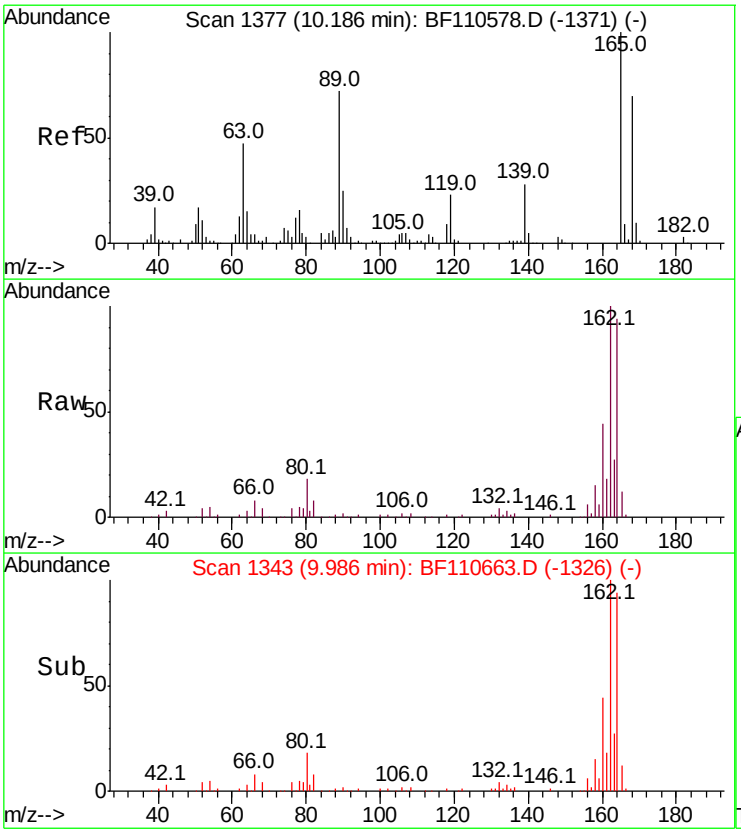
#51
2,6-Dinitrotoluene
Concen: 7.770 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15236

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

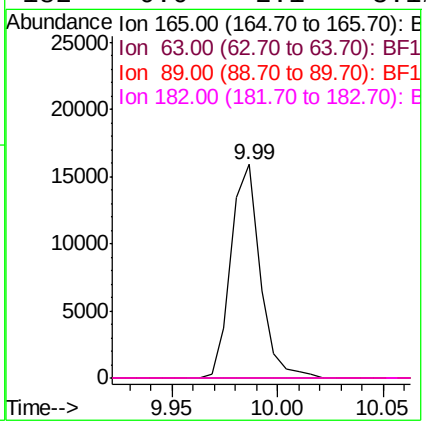


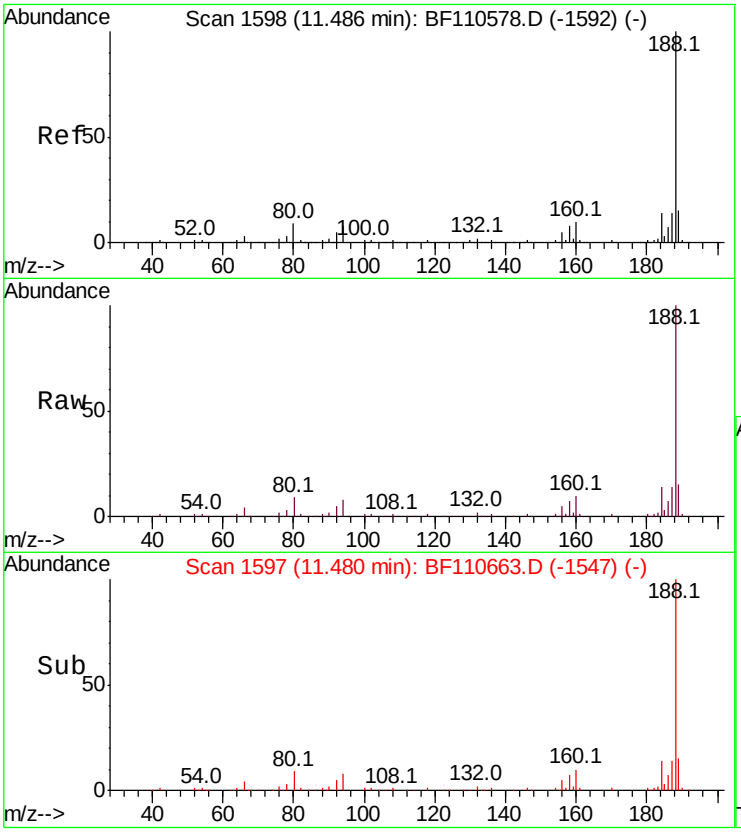


#57
2,4-Dinitrotoluene
Concen: 5.976 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:165 Resp: 15236

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



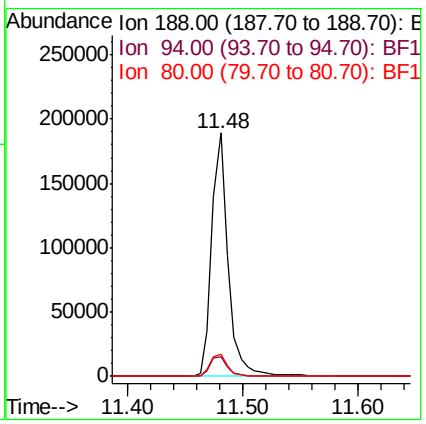


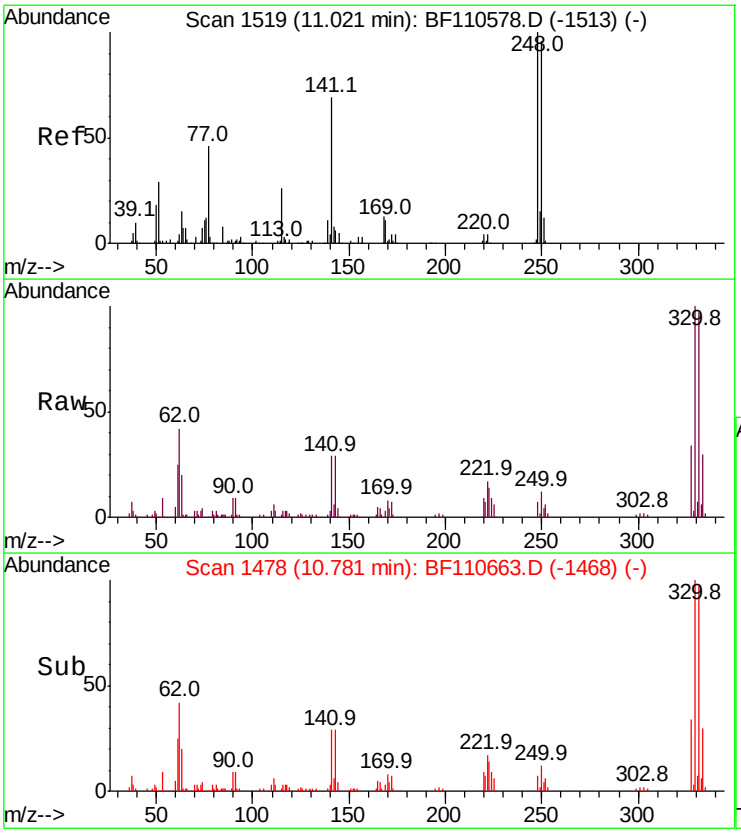
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 186739

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.3	7.9	11.9

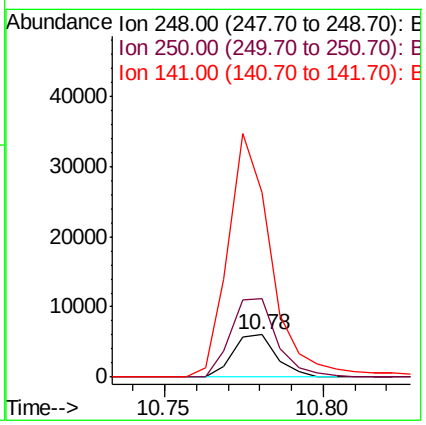


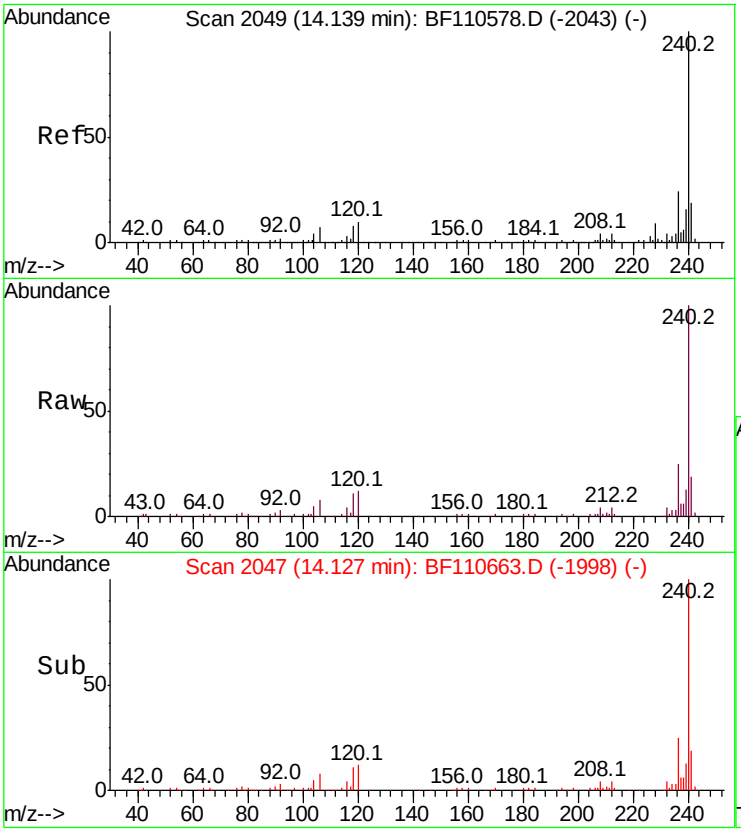


#67
4-Bromophenyl-phenylether
Concen: 2.793 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:248 Resp: 5765

Ion	Ratio	Lower	Upper
248	100		
250	186.0	79.4	119.2#
141	437.9	55.9	83.9#



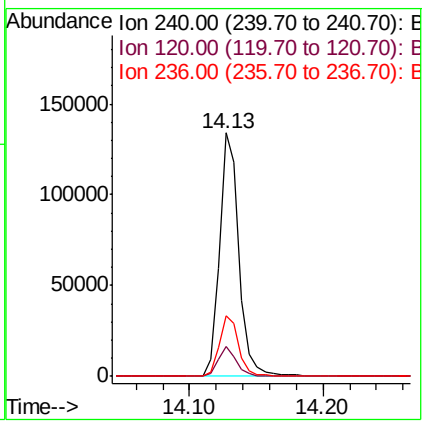


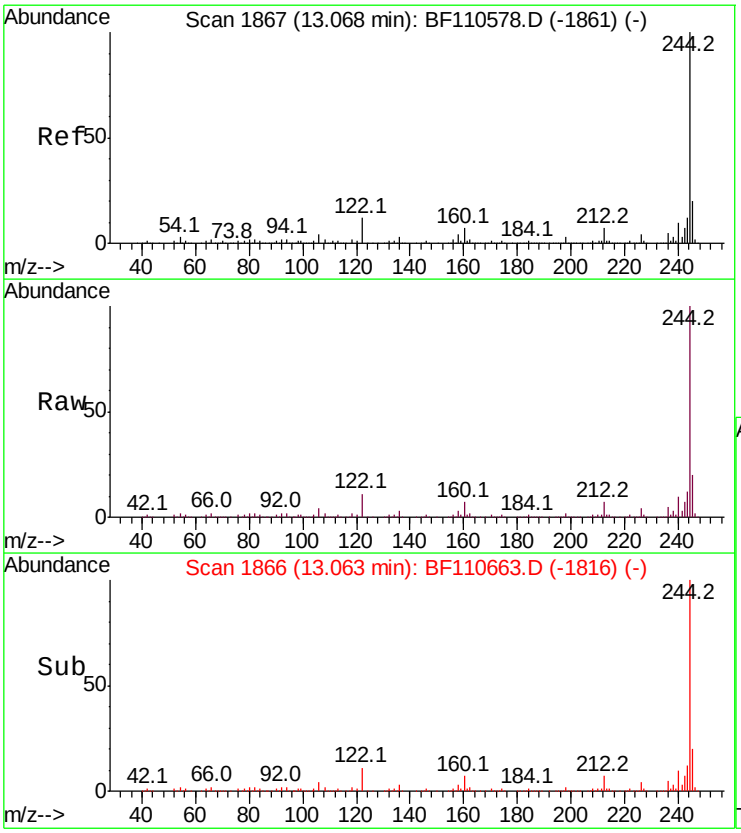
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 136960

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	24.9	21.2	31.8

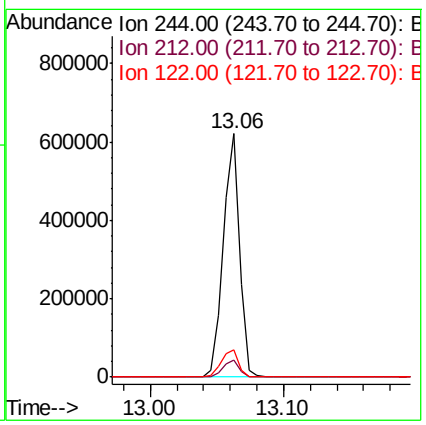


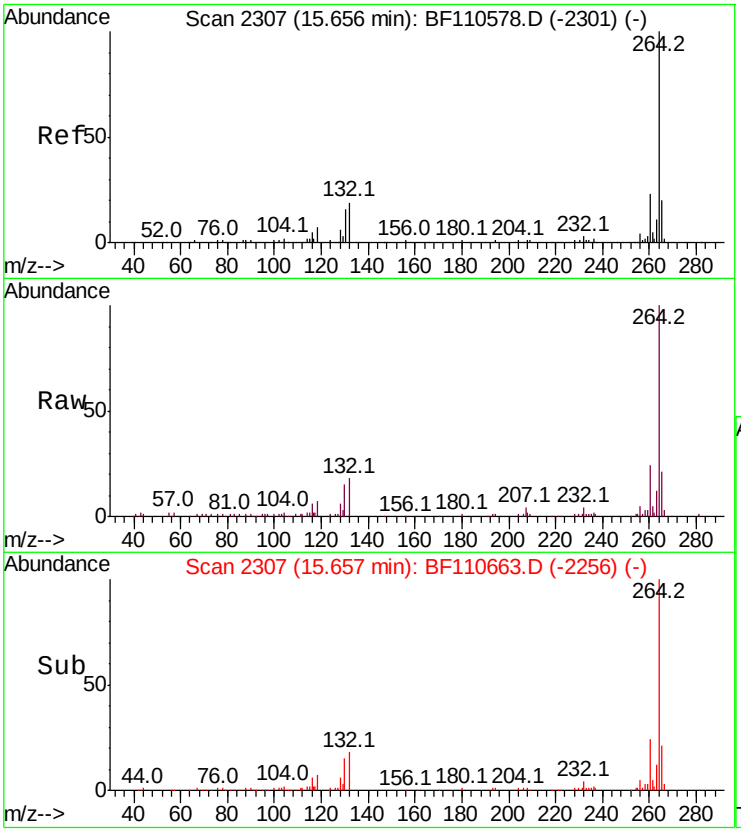


#79
Terphenyl-d14
Concen: 73.541 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:244 Resp: 537823

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.4	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 101000

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.4	16.7	25.1