Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110234.D
Acq On : 27 Oct 2018 2:22
Operator : JU/SJ
Sample : J5686-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 27 06:30:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135696	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	494741	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	193493	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	302498	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	216472	20.00	ng	-0.01
87) Perylene-d12	15.68	264	145481	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	348795	41.86	ng	-0.01
7) Phenol-d6	6.58	99	268524	25.19	ng	-0.02
23) Nitrobenzene-d5	7.53	82	812997	97.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	139832	72.96	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1281989	104.04	ng	-0.01
79) Terphenyl-d14	13.09	244	995328	95.62	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	705	Below Cal	#	1
10) Phenol	6.59	94	39862	3.499	ng #	68
19) n-Nitroso-di-n-propylamine	7.53	70	108319	15.841	ng #	79
25) Isophorone	7.53	82	812992	57.179	ng #	67
50) Dimethylphthalate	9.72	163	34825	2.438	ng	99
51) 2,6-Dinitrotoluene	10.01	165	24026	7.809	ng #	23
57) 2,4-Dinitrotoluene	10.01	165	24026	6.148	ng #	19
67) 4-Bromophenyl-phenylether	10.80	248	9013	2.747	ng #	1

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

Quantitation Report (Not Reviewed)

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Acq On : 27 Oct 2018 2:22
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ALS Vial : 27 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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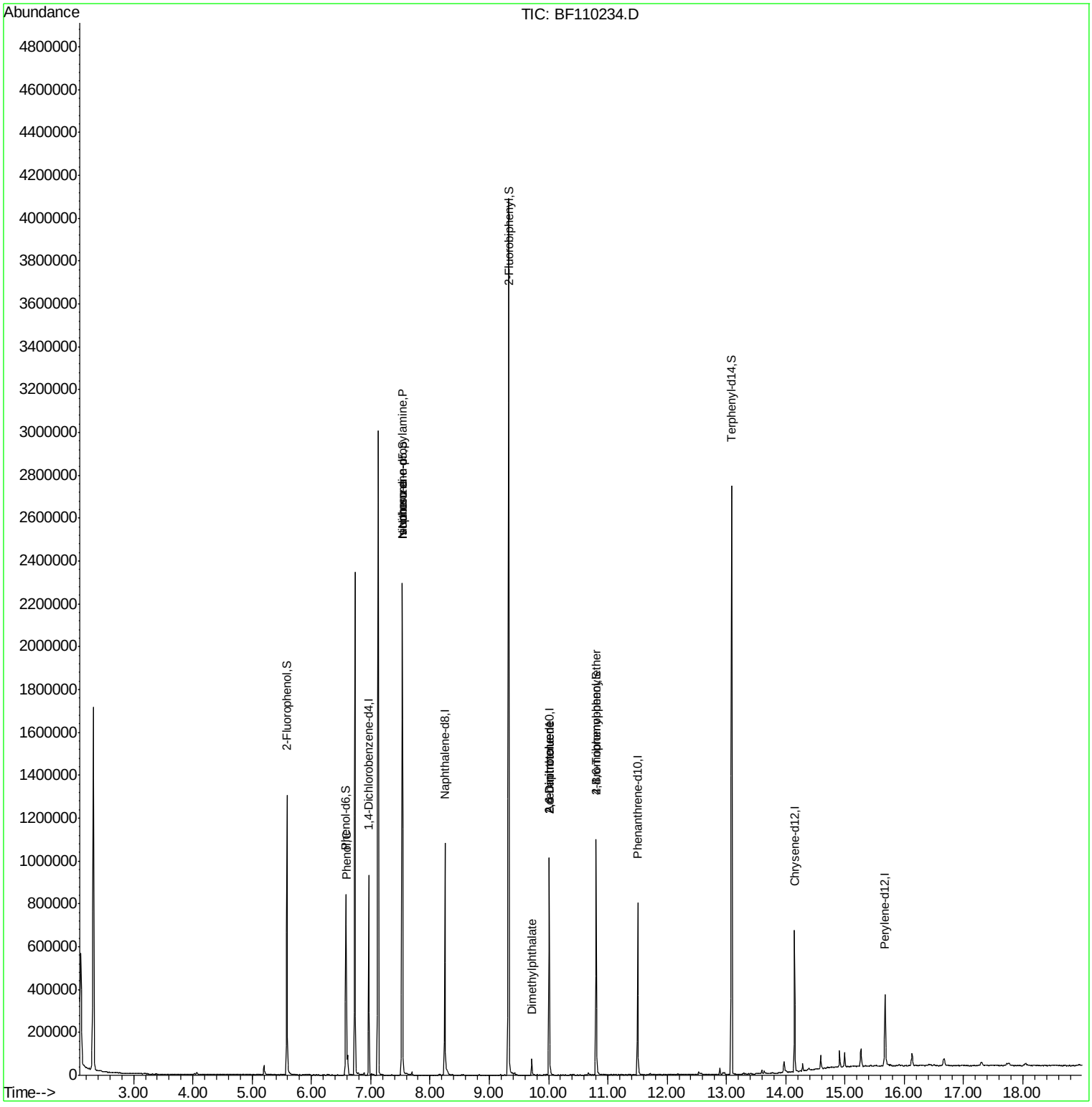
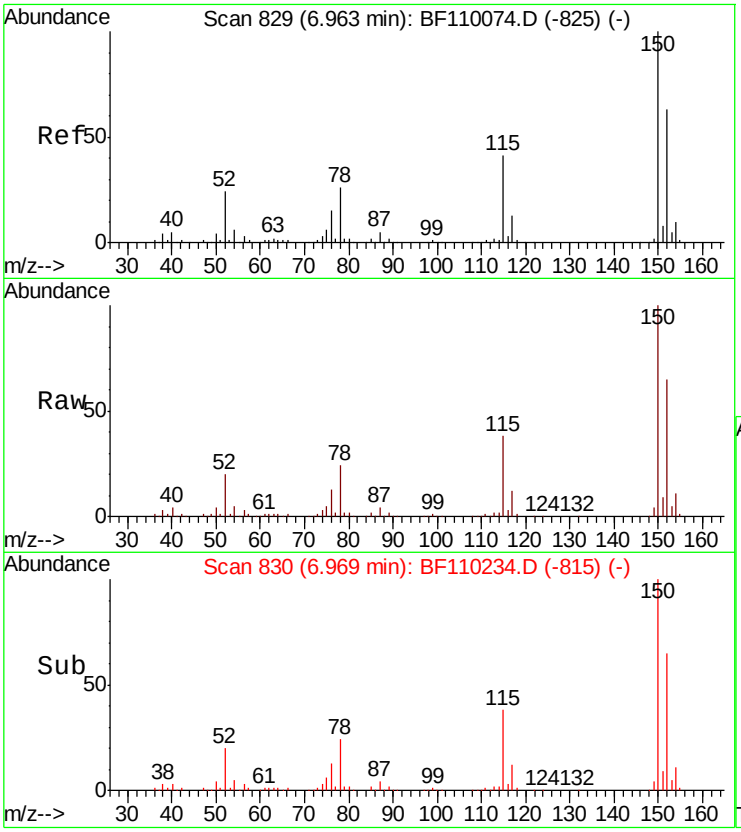


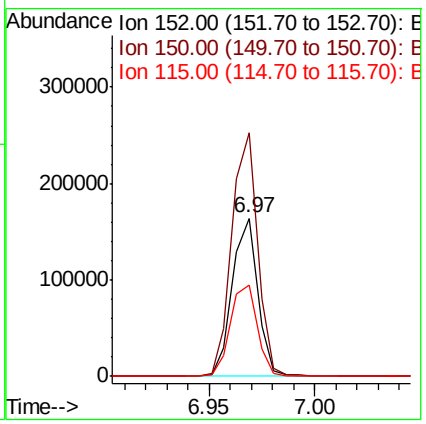


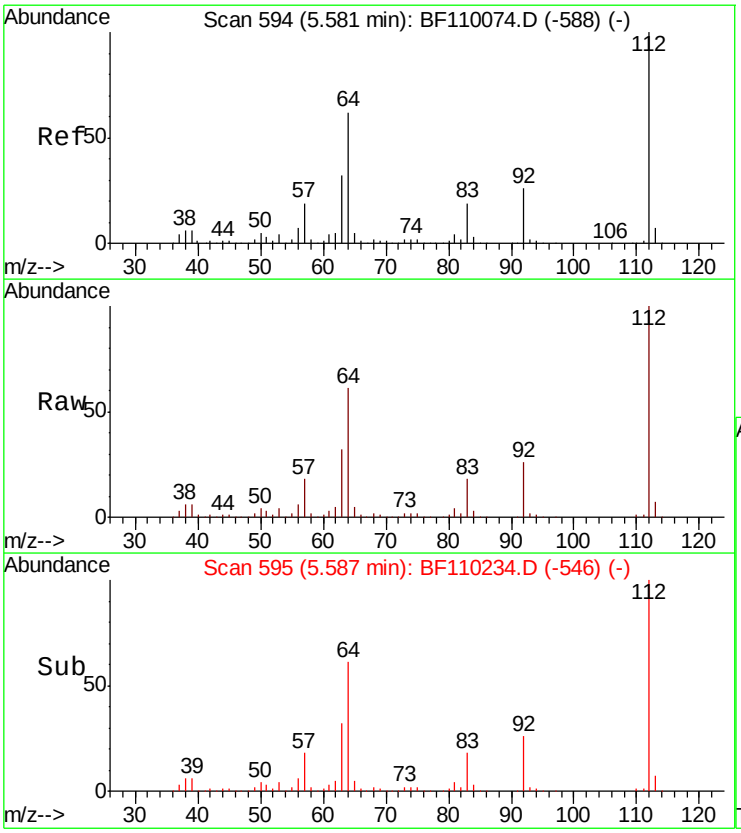
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135696

Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.7	184.1
115	58.1	49.1	73.7

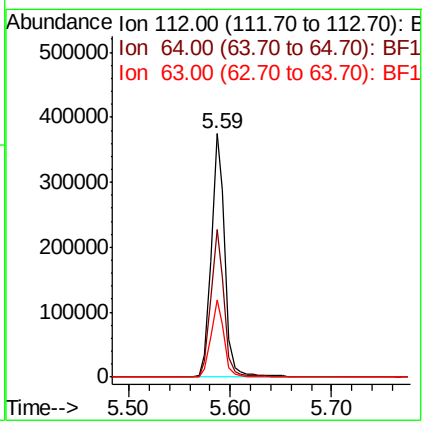


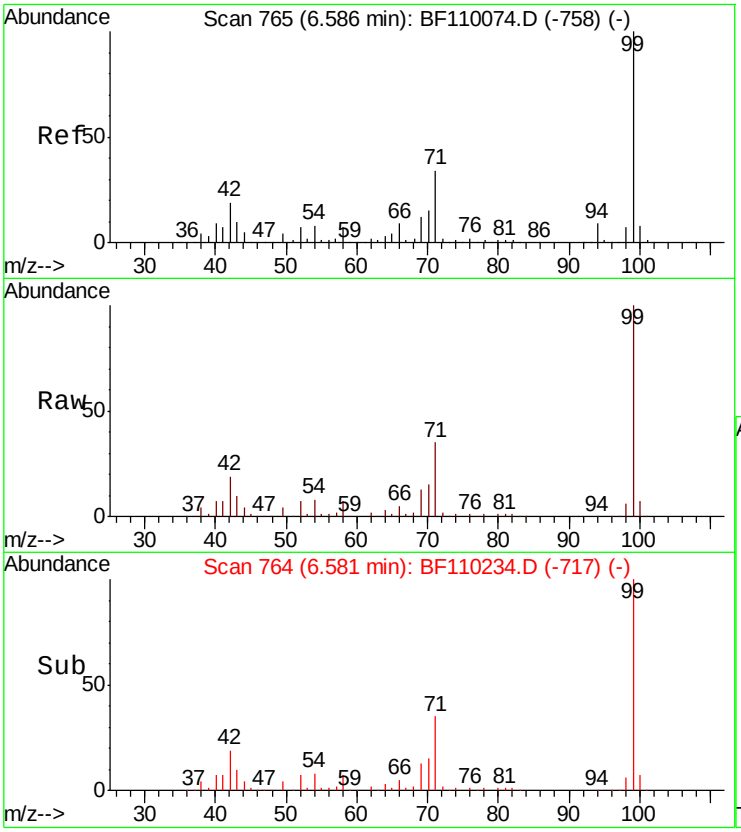


#5
2-Fluorophenol
Concen: 41.858 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion:112 Resp: 348795

Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	31.6	23.7	35.5



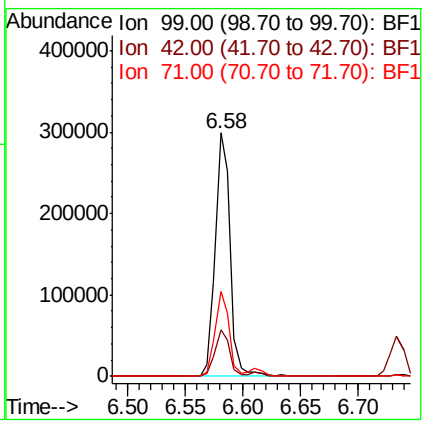


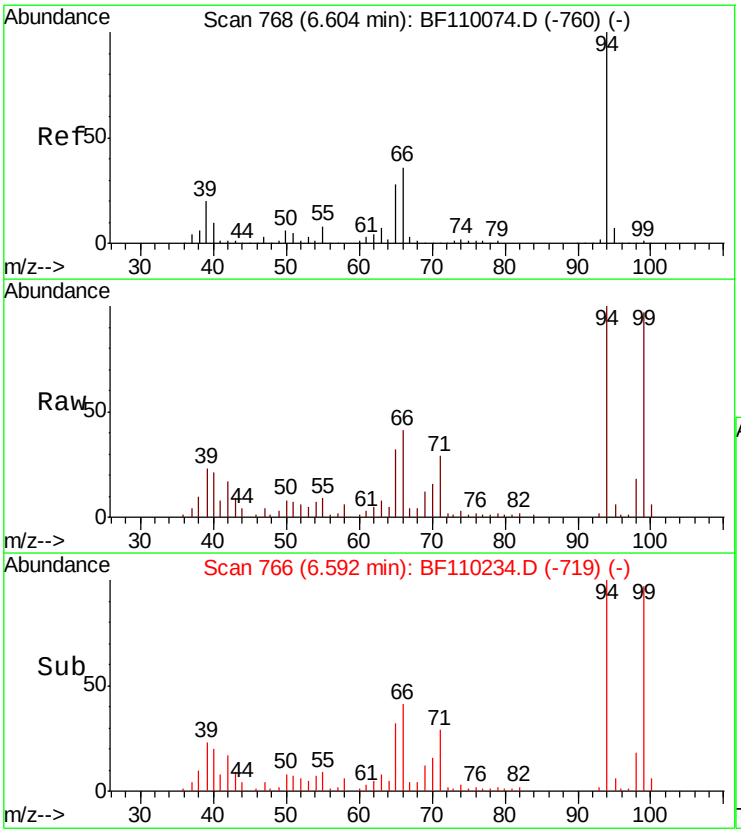
#7
Phenol-d6
Concen: 25.194 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 268524

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	34.7	28.0	42.0

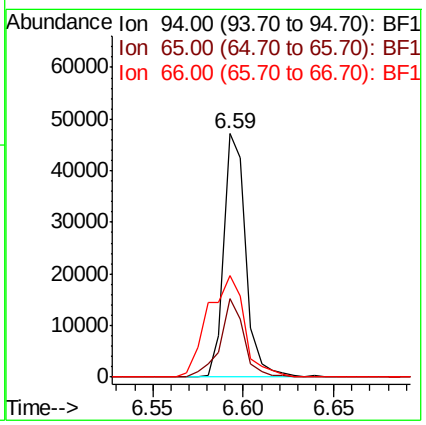


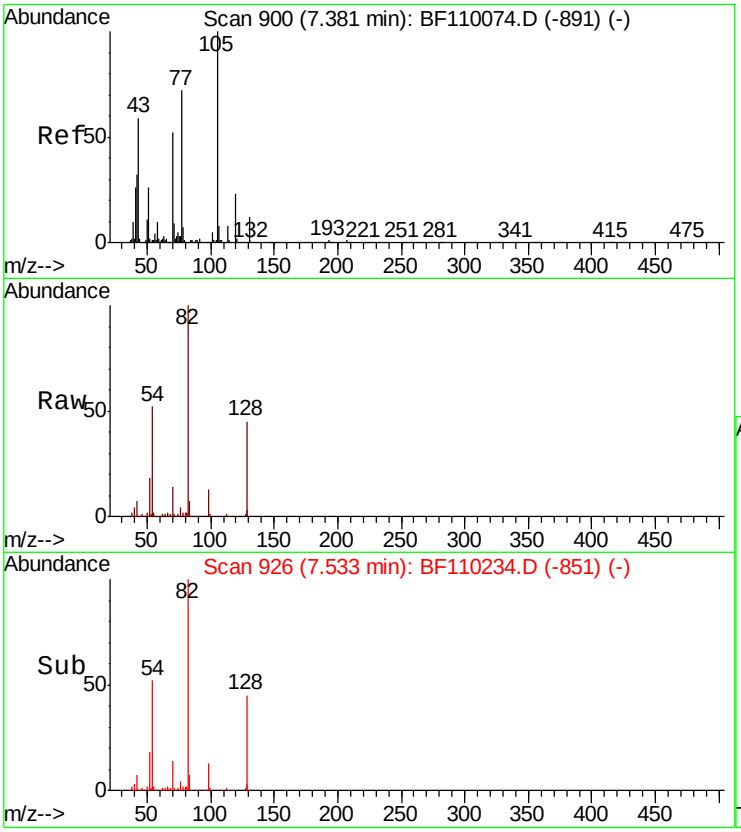


#10
Phenol
Concen: 3.499 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion: 94 Resp: 39862

Ion	Ratio	Lower	Upper
94	100		
65	32.3	25.3	65.3
66	41.5	54.5	94.5#



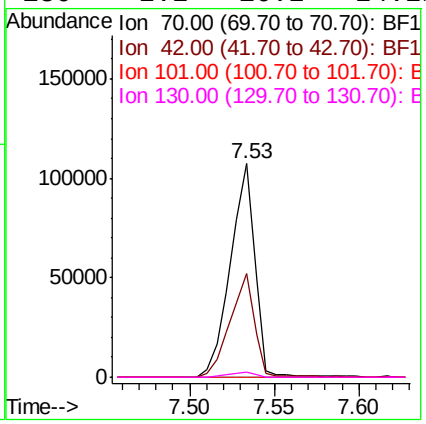


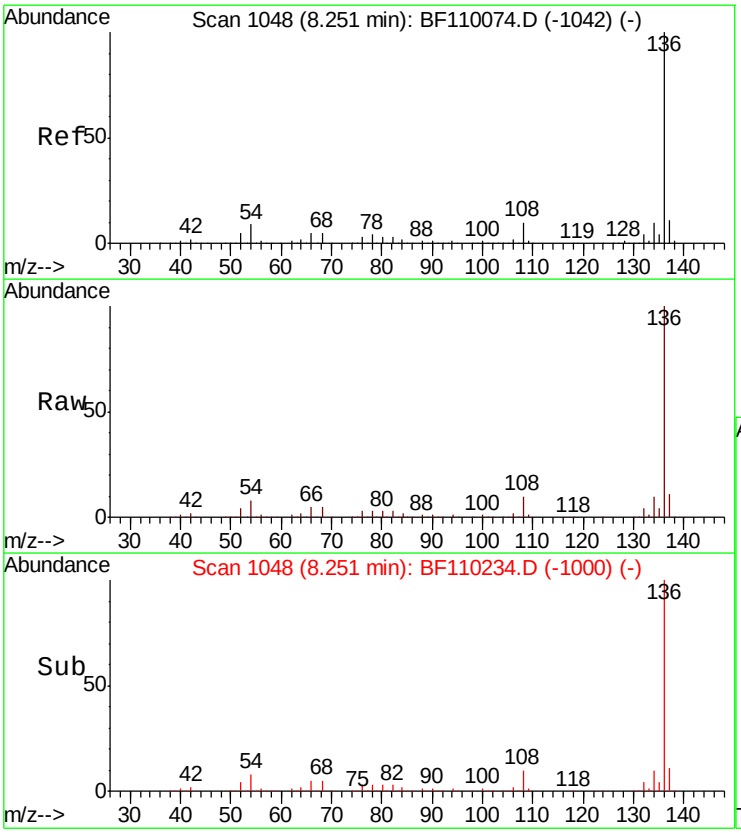
#19
n-Nitroso-di-n-propylamine
Concen: 15.841 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 108319

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

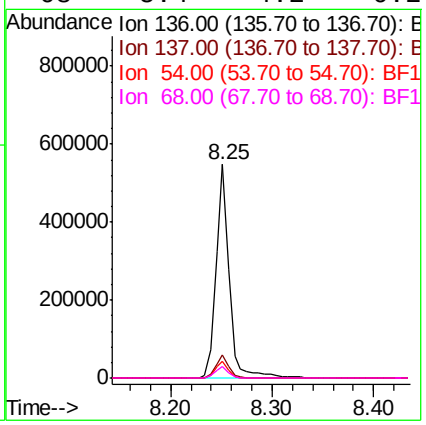


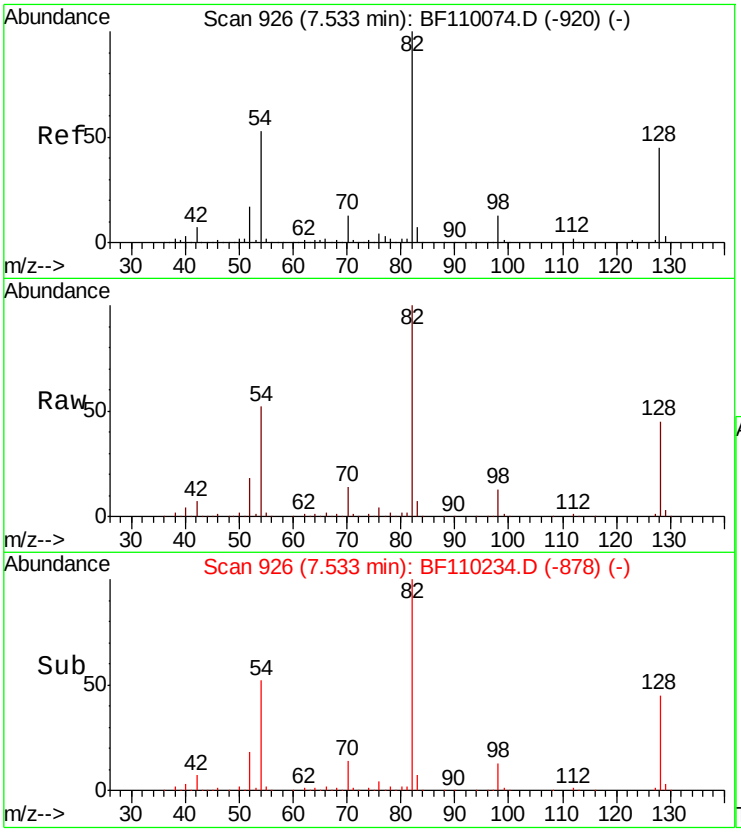


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion:136 Resp: 494741

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	5.4	8.2
68	5.4	4.2	6.2



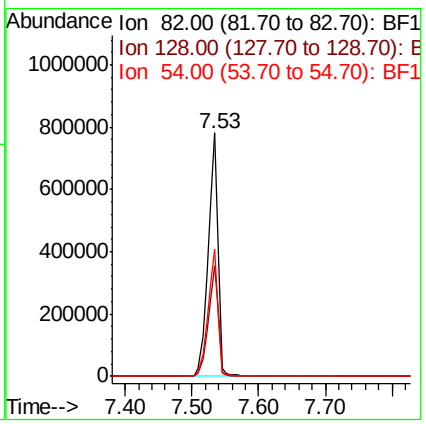


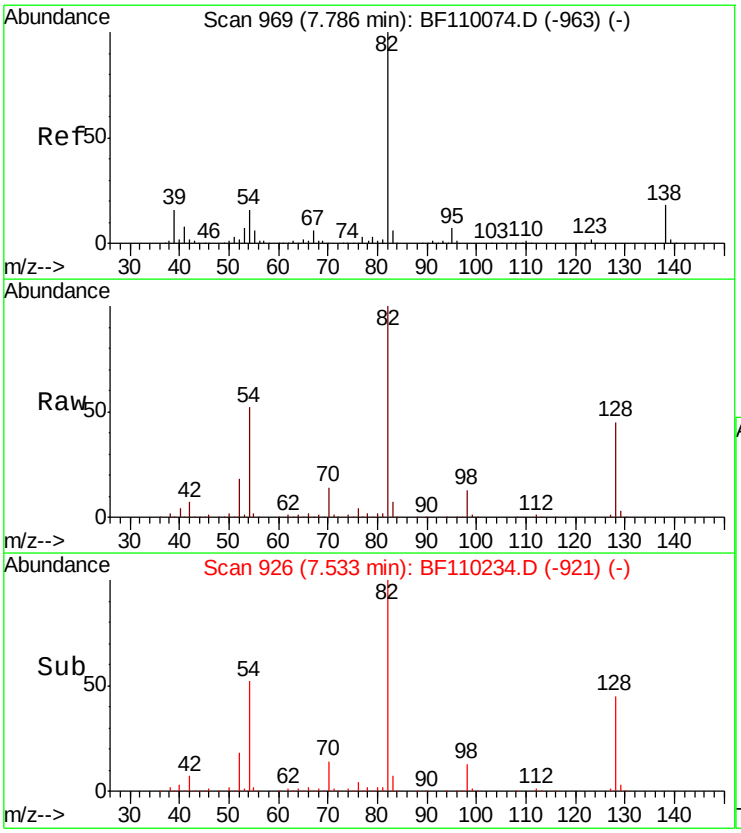
#23
Nitrobenzene-d5
Concen: 97.468 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 812997

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	52.0	38.6	58.0

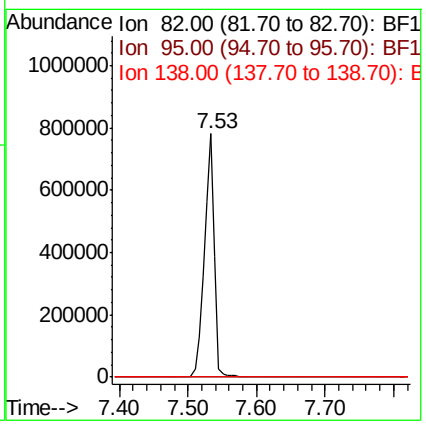


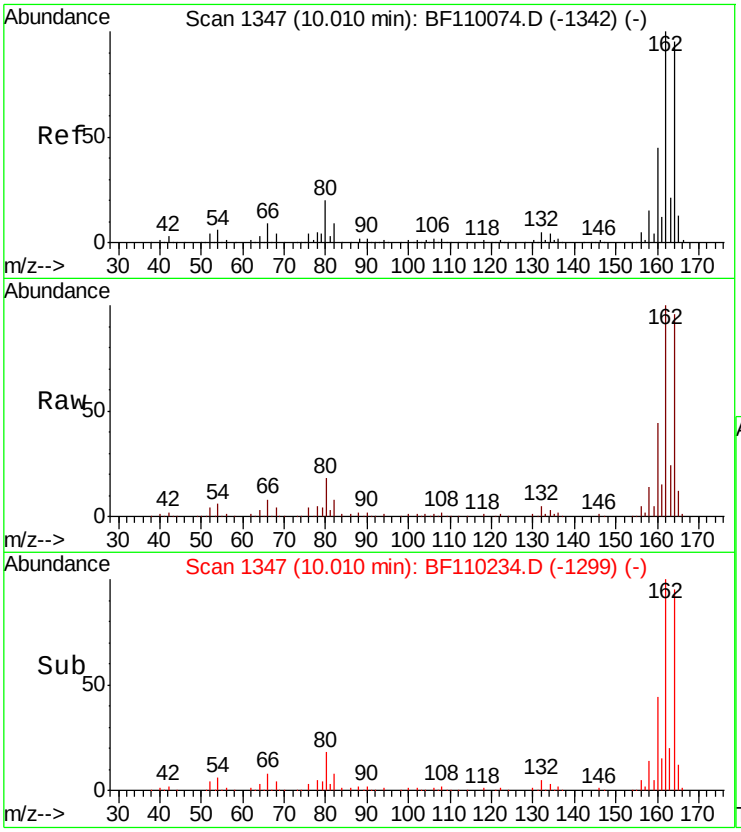


#25
Isophorone
Concen: 57.179 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion: 82 Resp: 812992

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



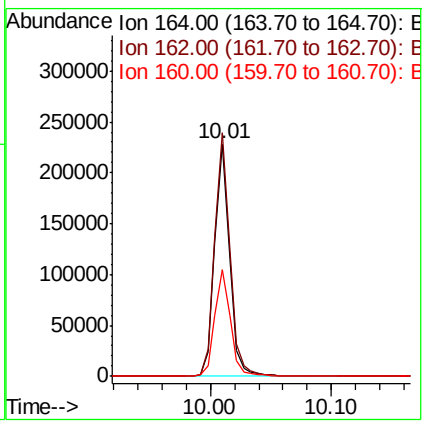


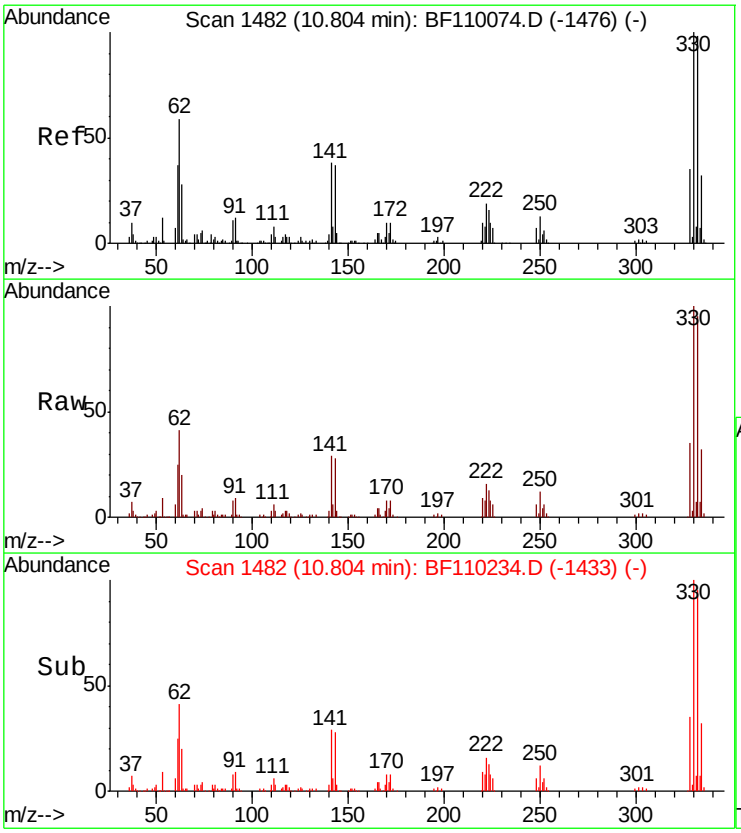
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 193493

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	45.7	37.0	55.6

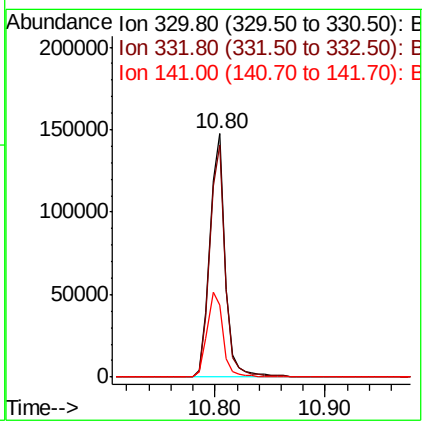


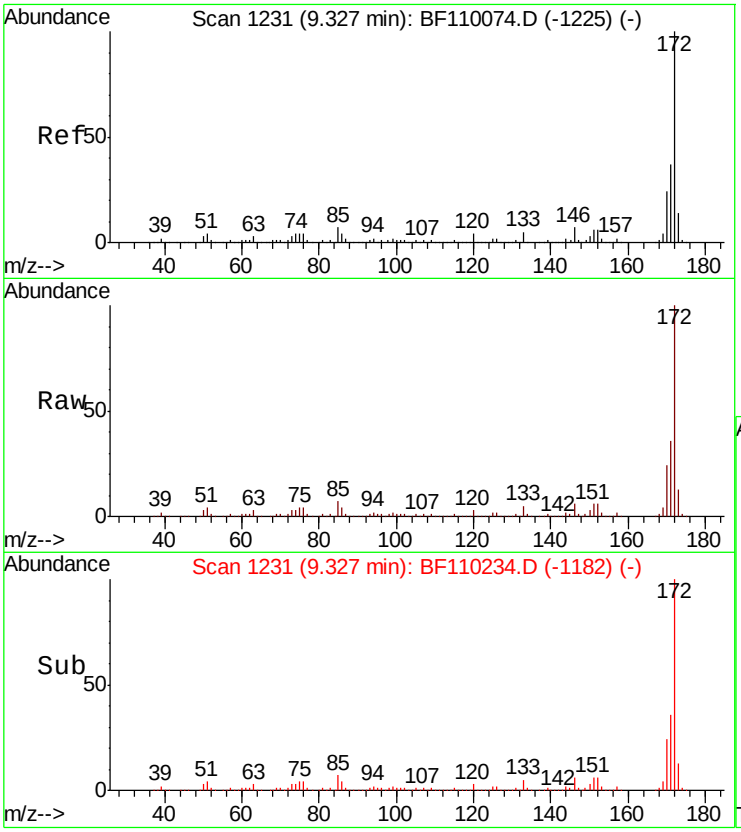


#42
2,4,6-Tribromophenol
Concen: 72.955 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion:330 Resp: 139832

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	35.7	27.0	40.4



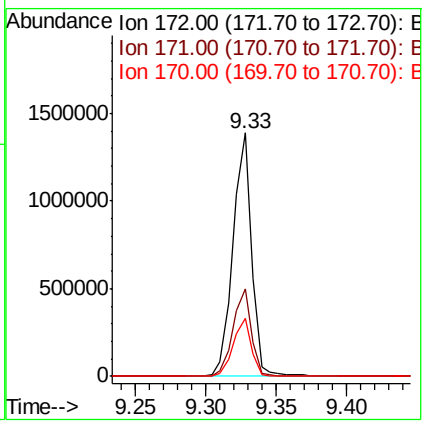


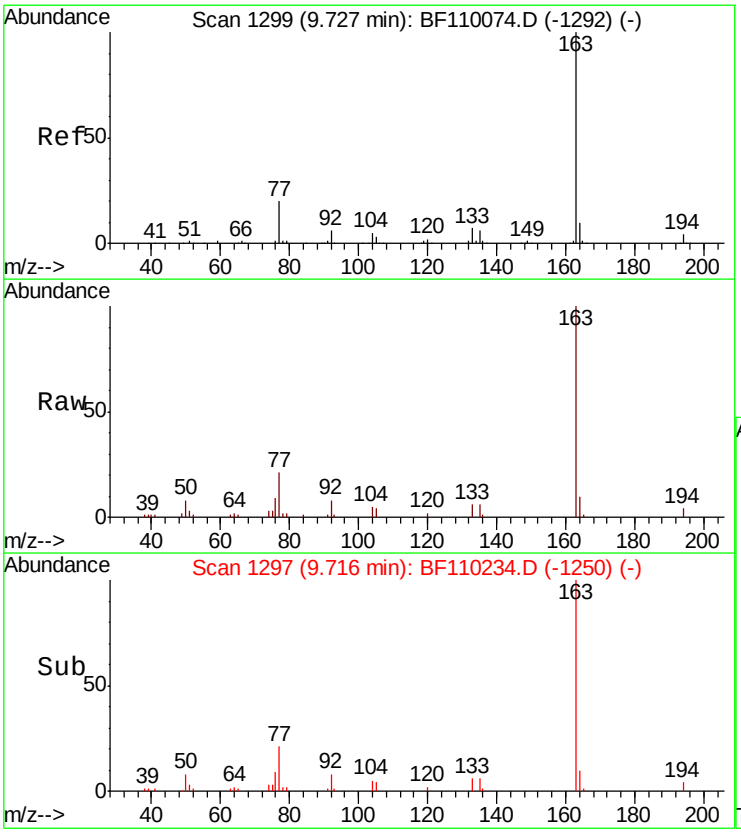
#45
2-Fluorobiphenyl
Concen: 104.038 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1281989

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.1	19.7	29.5

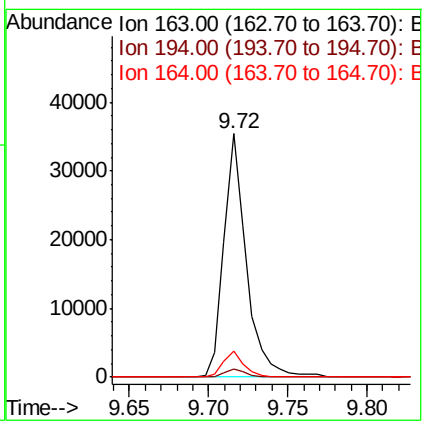


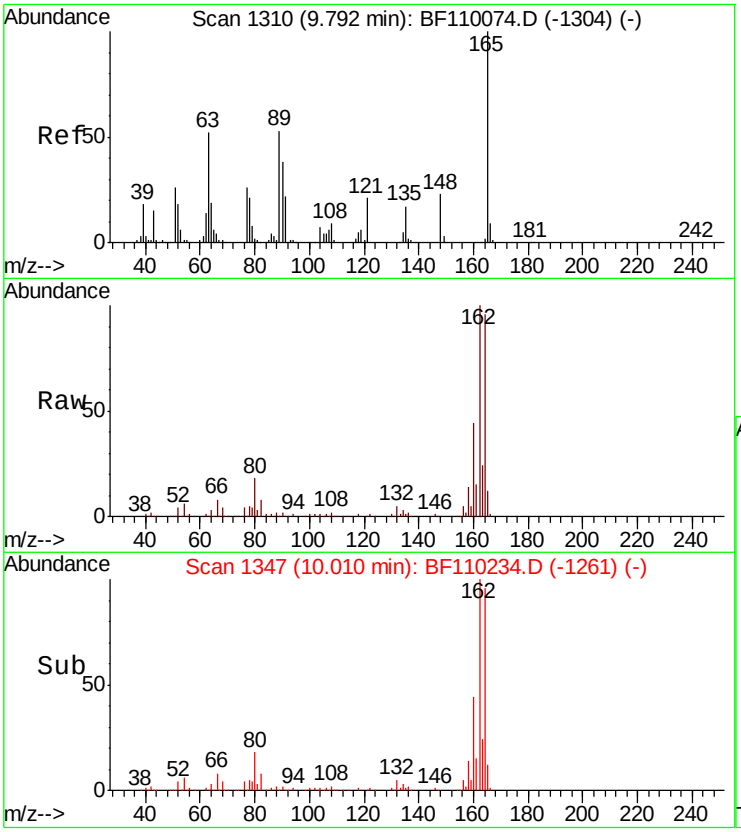


#50
Dimethylphthalate
Concen: 2.438 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion:163 Resp: 34825

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.5	8.1	12.1



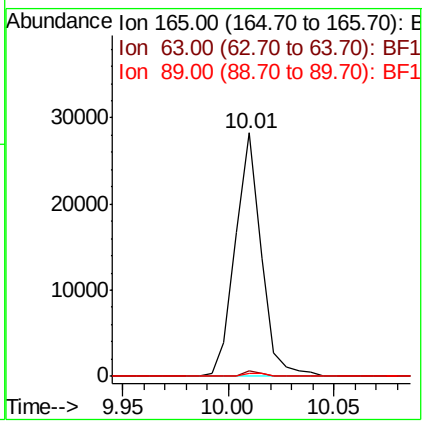


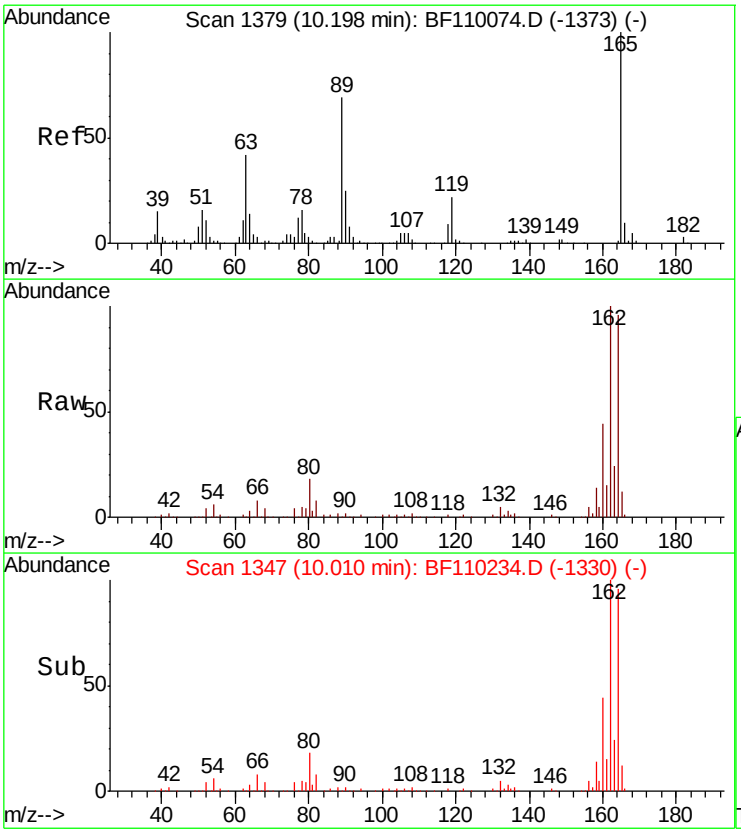
#51
2,6-Dinitrotoluene
Concen: 7.809 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24026

Ion	Ratio	Lower	Upper
165	100		
63	2.1	48.9	73.3#
89	1.1	46.6	69.8#

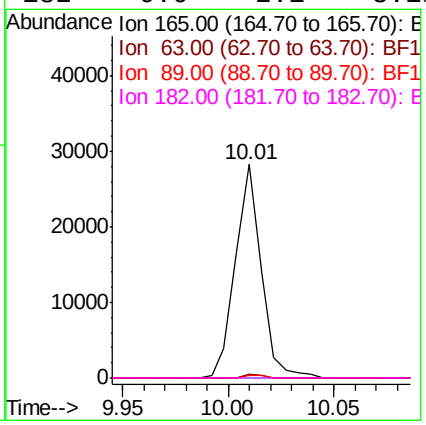


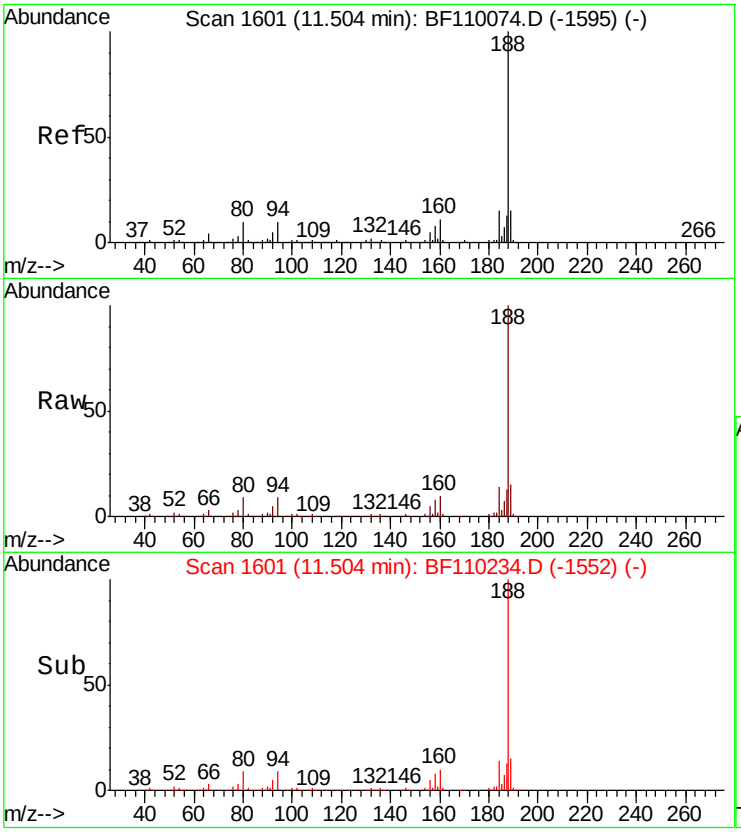


#57
2,4-Dinitrotoluene
Concen: 6.148 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion:165 Resp: 24026

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.8	67.2#
89	1.1	62.2	93.4#
182	0.0	2.1	3.1#



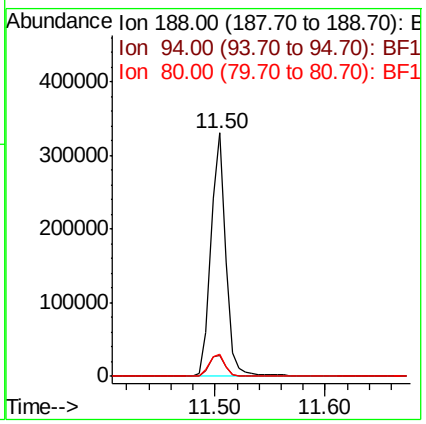


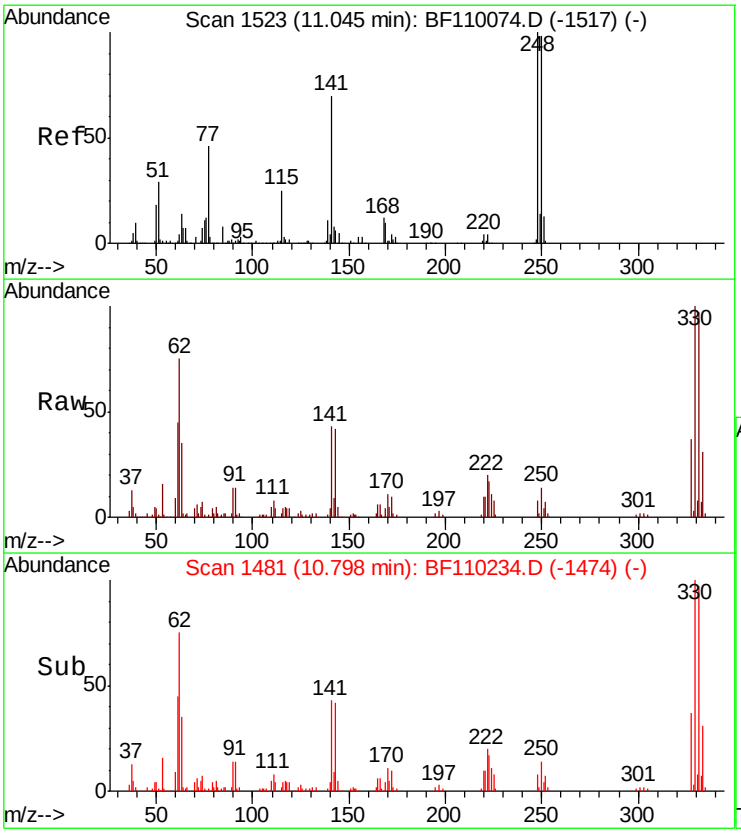
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 302498

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.3	7.9	11.9

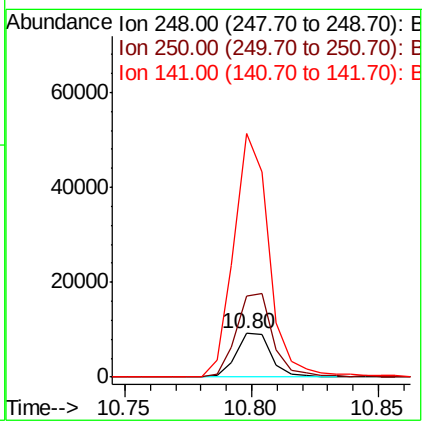


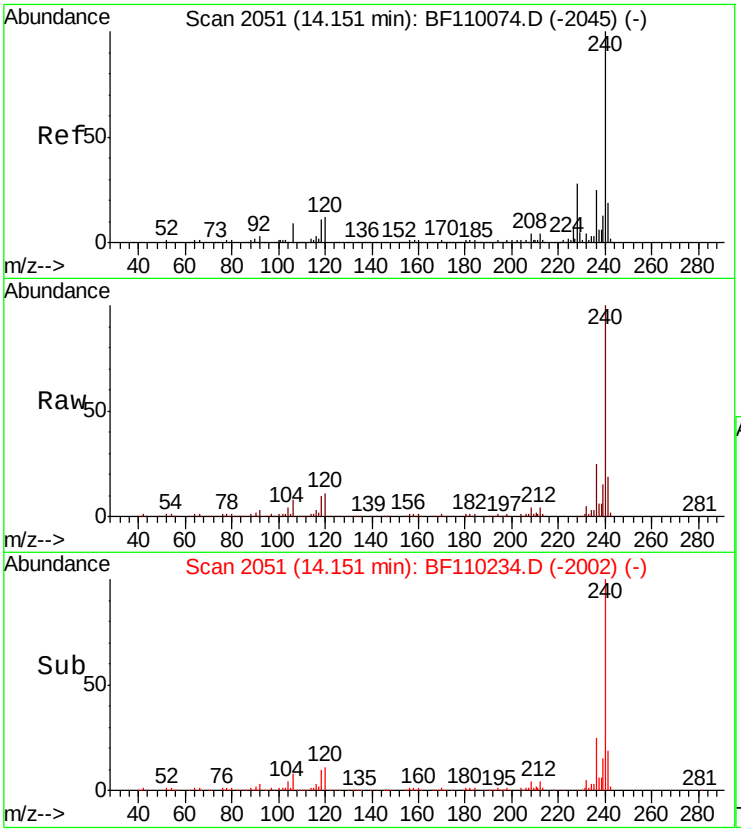


#67
4-Bromophenyl-phenylether
Concen: 2.747 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion:248 Resp: 9013

Ion	Ratio	Lower	Upper
248	100		
250	185.0	79.4	119.2#
141	558.0	55.9	83.9#



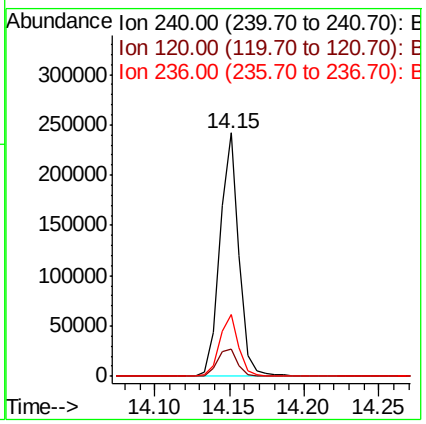


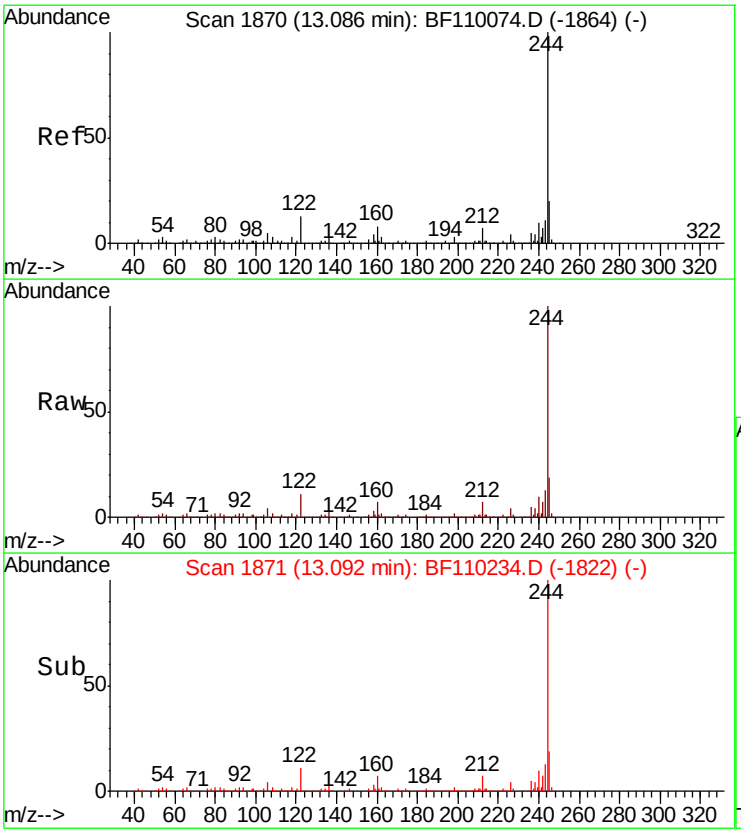
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 216472

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.5	21.2	31.8

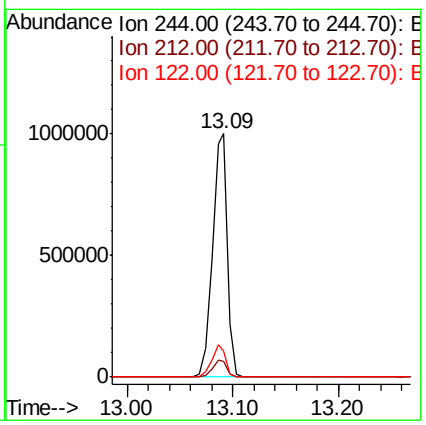


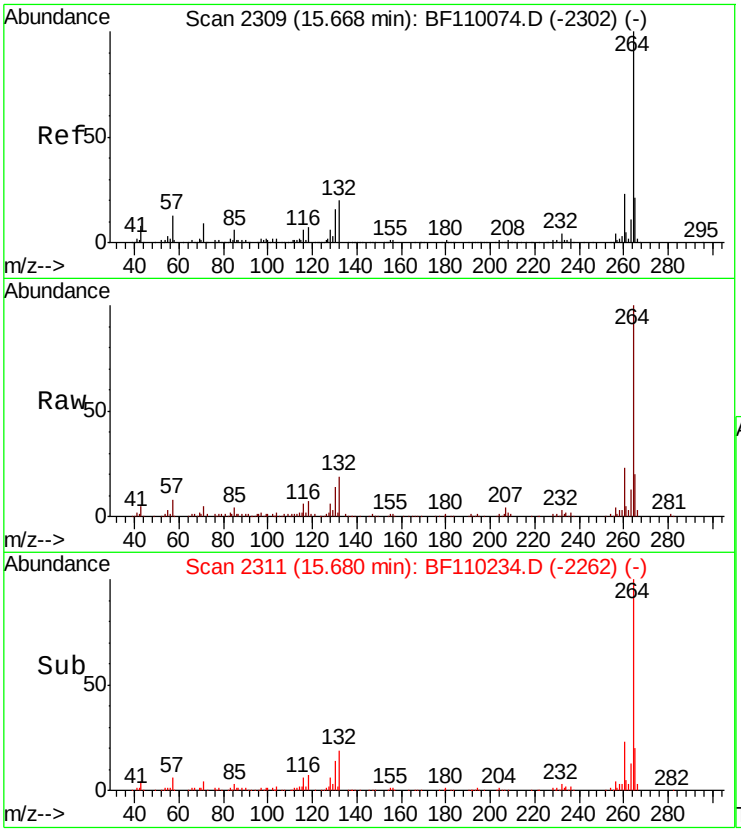


#79
Terphenyl-d14
Concen: 95.624 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Tgt Ion:244 Resp: 995328

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.7	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110234.D
Acq: 27 Oct 2018 2:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 145481

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.0	16.7	25.1