Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110134.D
Acq On : 25 Oct 2018 00:59
Operator : JU/SJ
Sample : J5640-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:15:57 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	146034	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	515991	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	198472	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	325031	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	275790	20.00	ng	-0.01
87) Perylene-d12	15.67	264	188189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	330609	36.87	ng	-0.01
7) Phenol-d6	6.58	99	251583	21.93	ng	-0.02
23) Nitrobenzene-d5	7.53	82	792996	91.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	141246	71.84	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1319013	104.36	ng	-0.01
79) Terphenyl-d14	13.09	244	1106208	83.42	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	548	Below Cal	#	1
10) Phenol	6.59	94	30485	2.486	ng	# 66
19) n-Nitroso-di-n-propylamine	7.53	70	104268	14.169	ng	# 79
25) Isophorone	7.53	82	792983	53.475	ng	# 67
50) Dimethylphthalate	9.72	163	37352	2.549	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	25906	8.209	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	25906	6.463	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8823	2.503	ng	# 1

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

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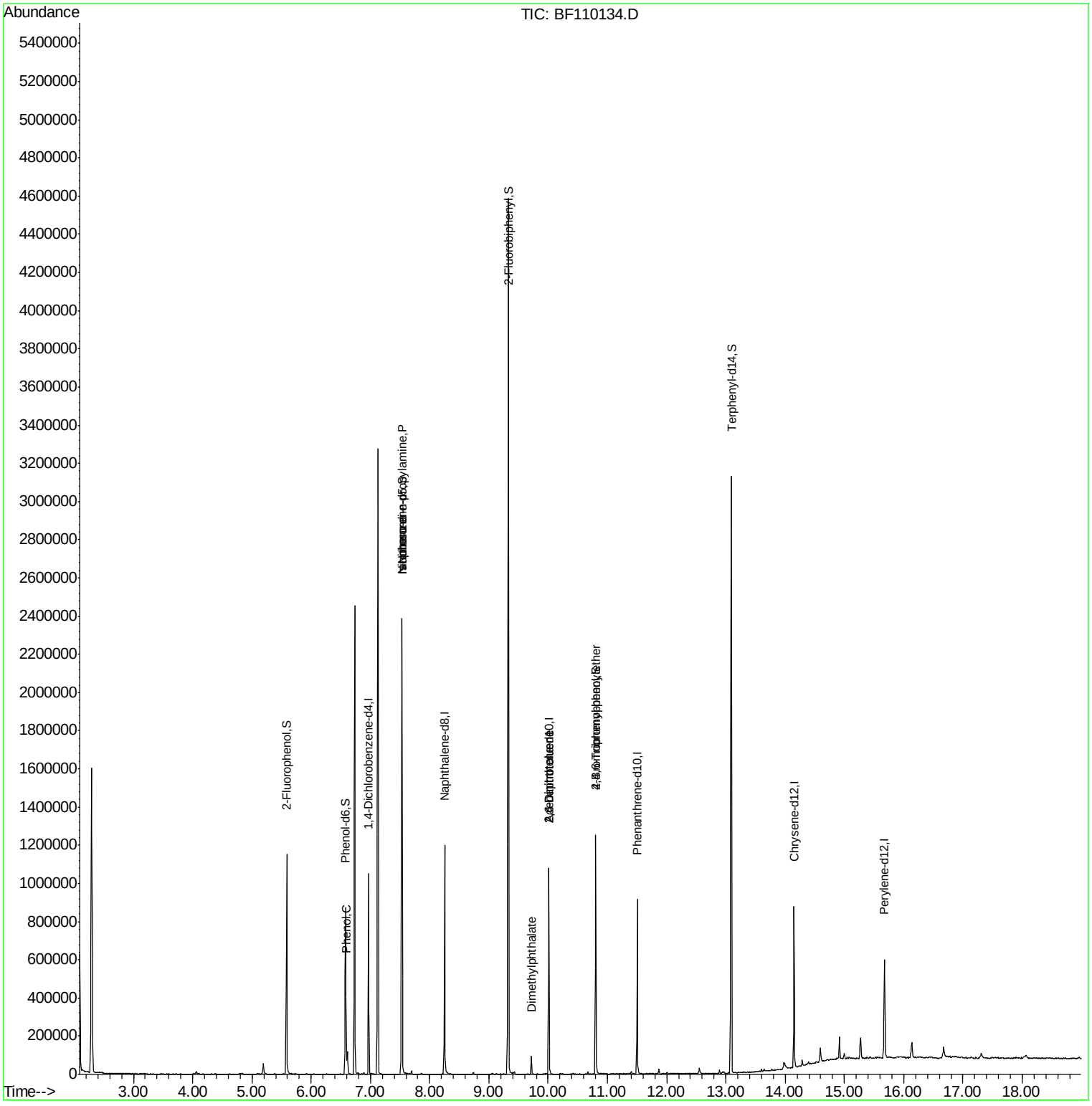
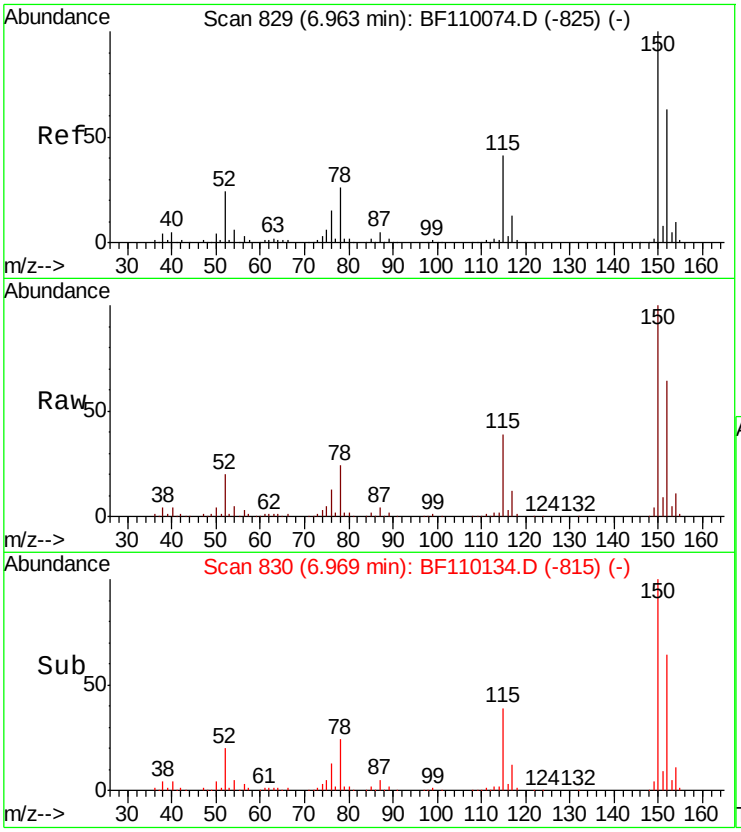


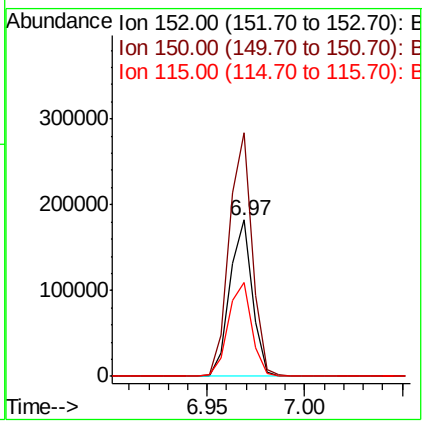


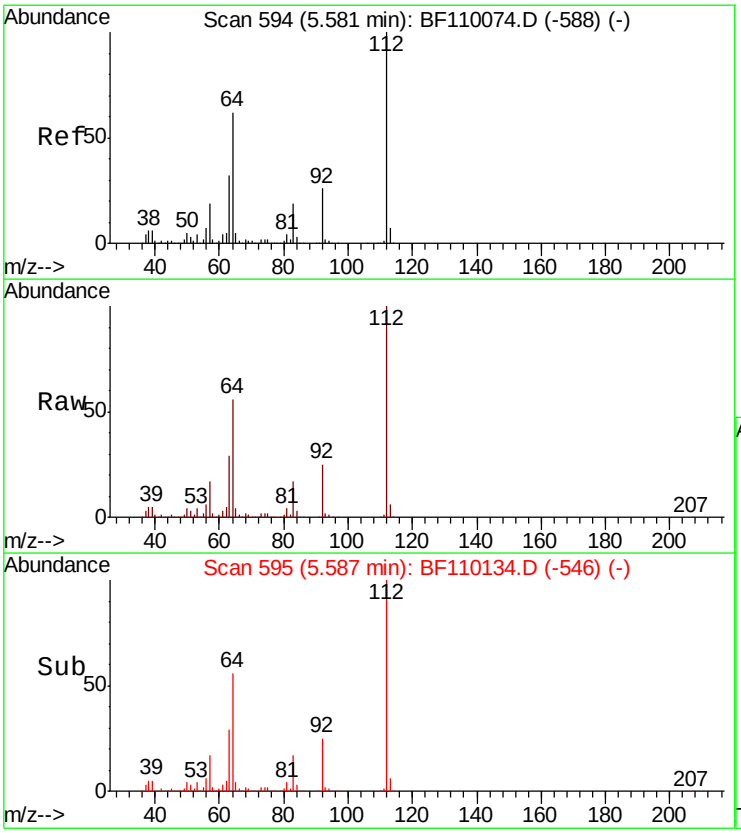
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146034

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.1	49.1	73.7

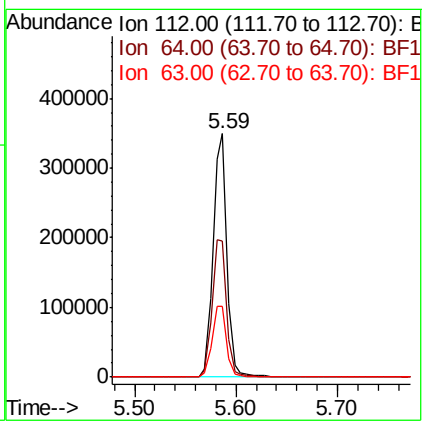


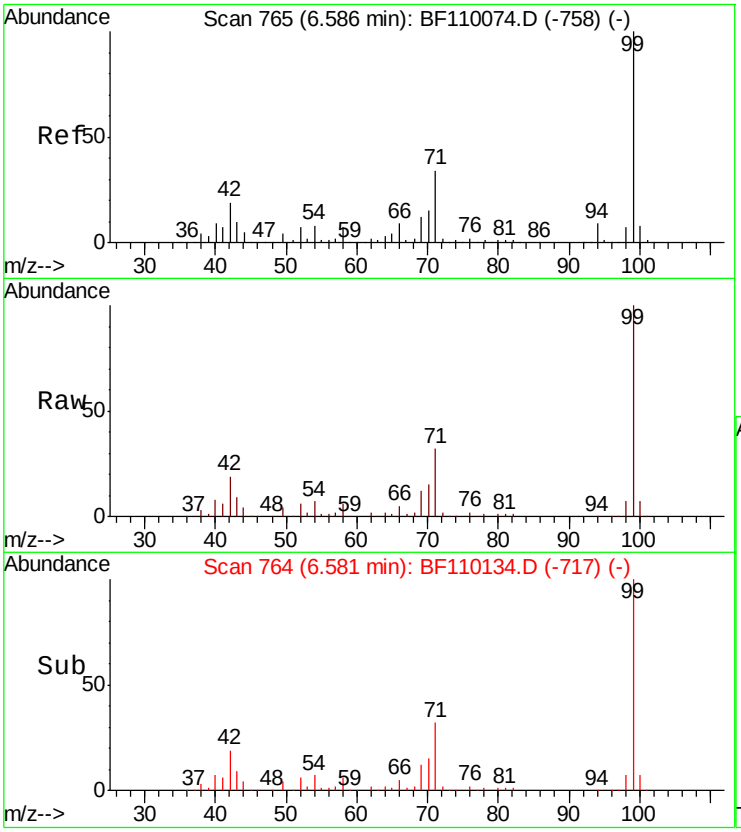


#5
2-Fluorophenol
Concen: 36.867 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion:112 Resp: 330609

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.1	66.1
63	29.0	23.7	35.5



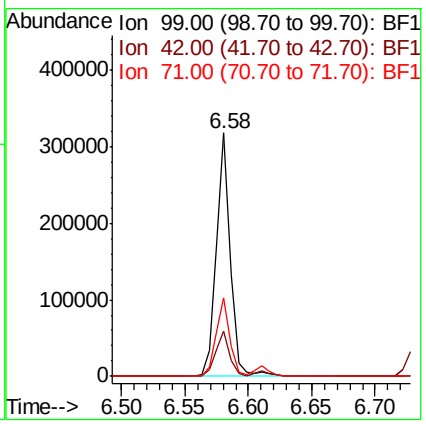


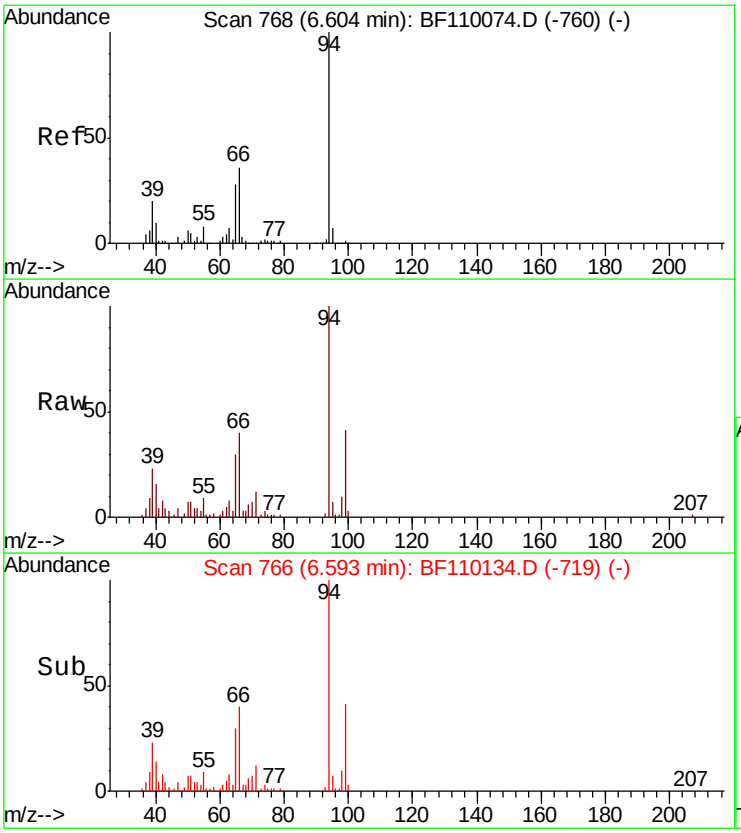
#7
Phenol-d6
Concen: 21.933 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 251583

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	32.5	28.0	42.0

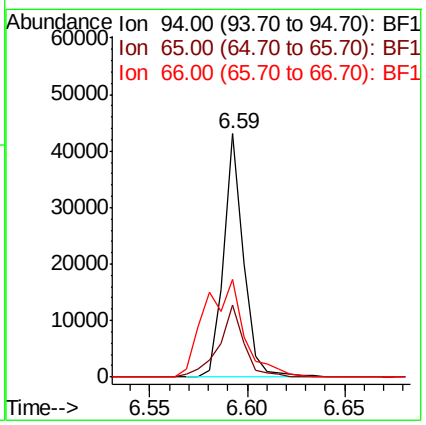


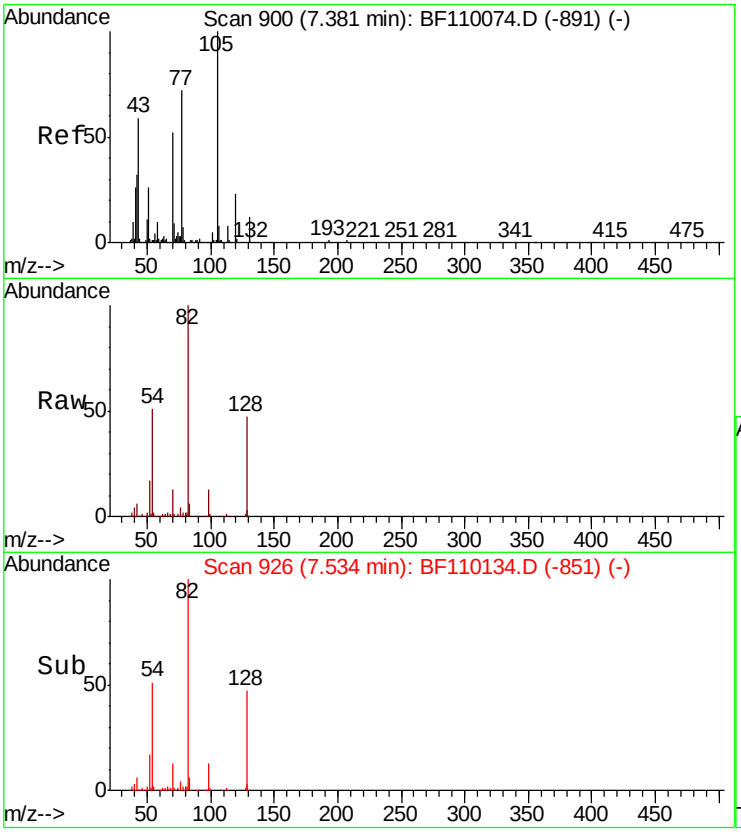


#10
Phenol
Concen: 2.486 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion: 94 Resp: 30485

Ion	Ratio	Lower	Upper
94	100		
65	29.5	25.3	65.3
66	40.2	54.5	94.5#



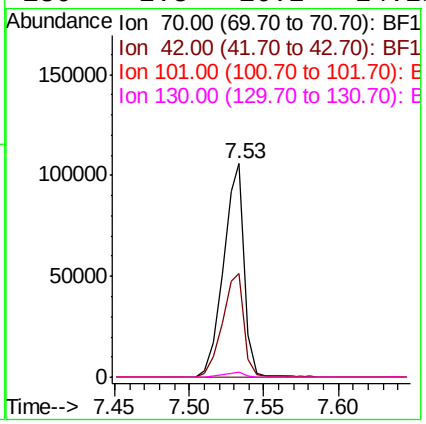


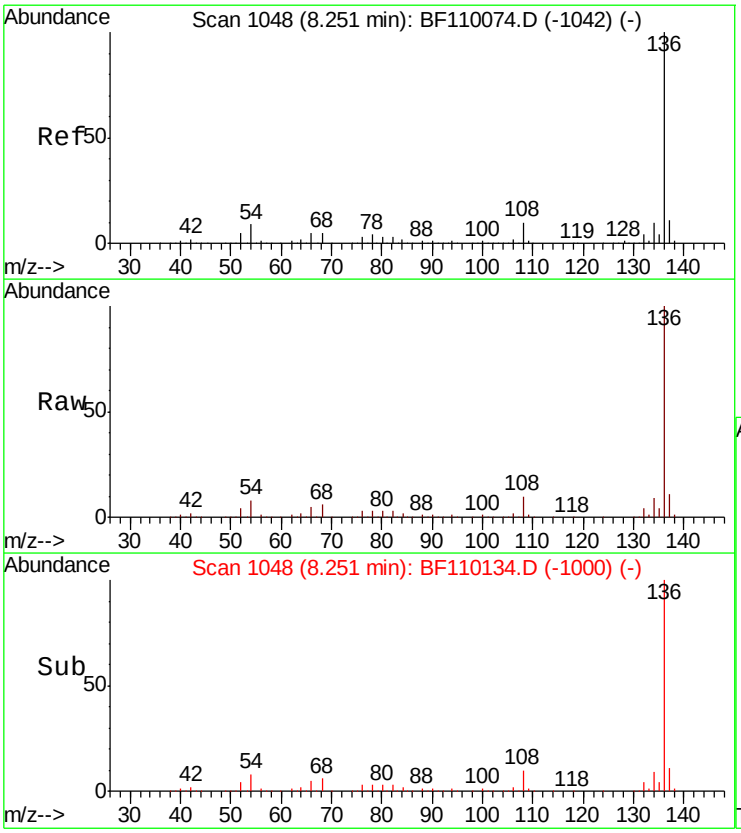
#19
n-Nitroso-di-n-propylamine
Concen: 14.169 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 104268

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

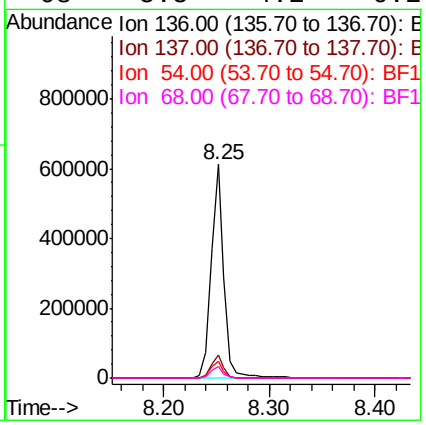


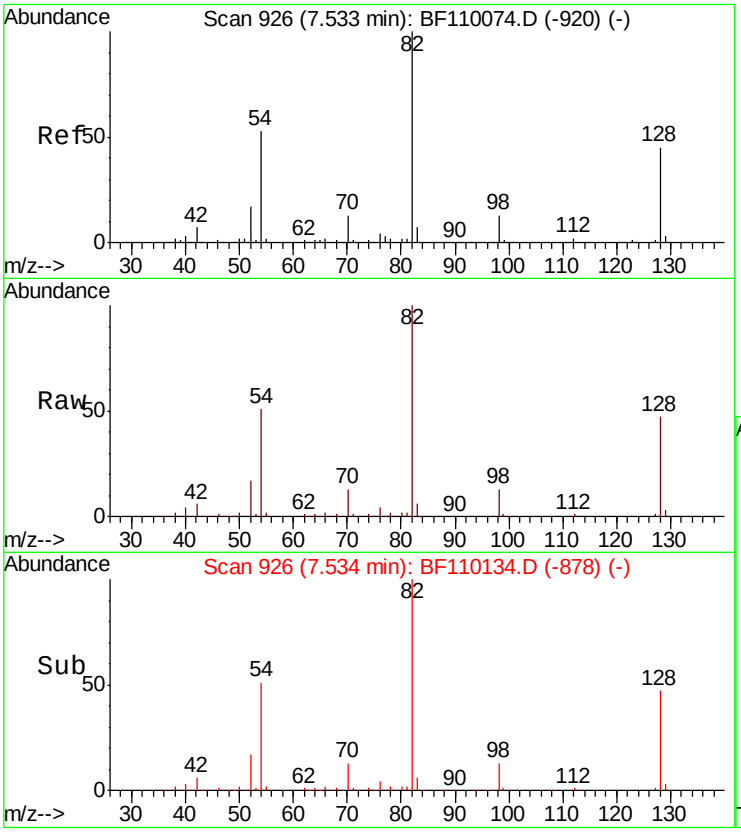


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion:136 Resp: 515991

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	5.4	8.2
68	5.5	4.2	6.2



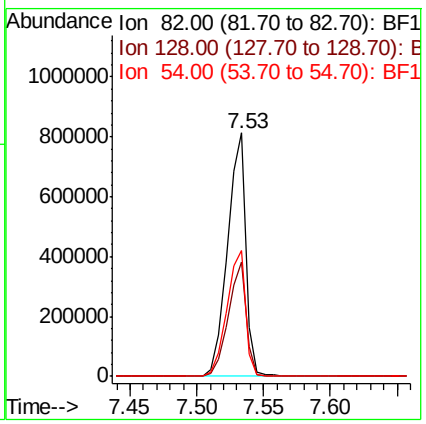


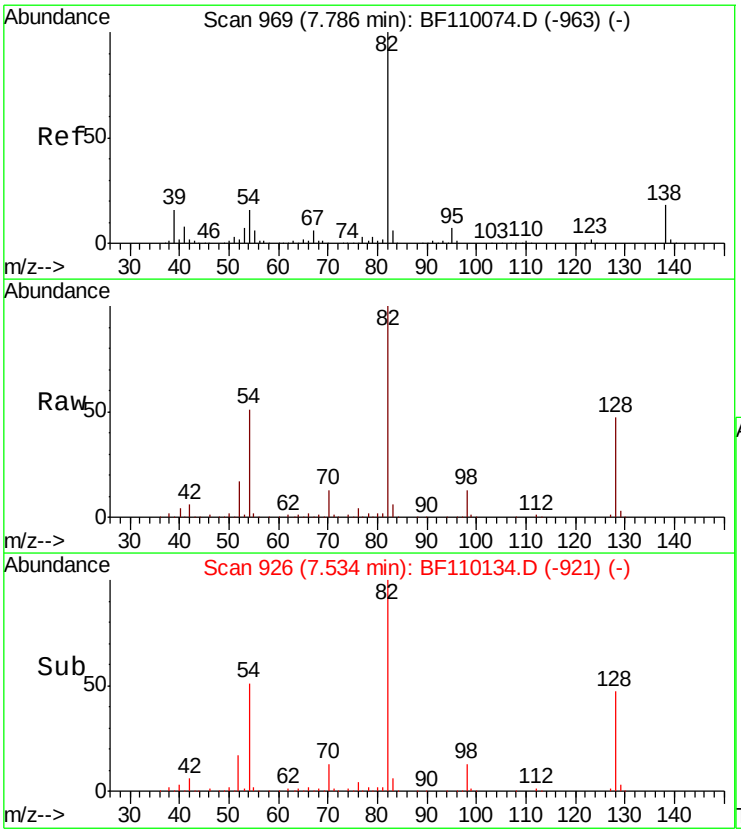
#23
Nitrobenzene-d5
Concen: 91.155 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 792996

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	51.4	38.6	58.0

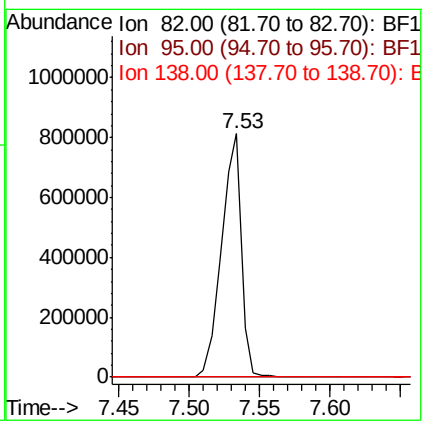


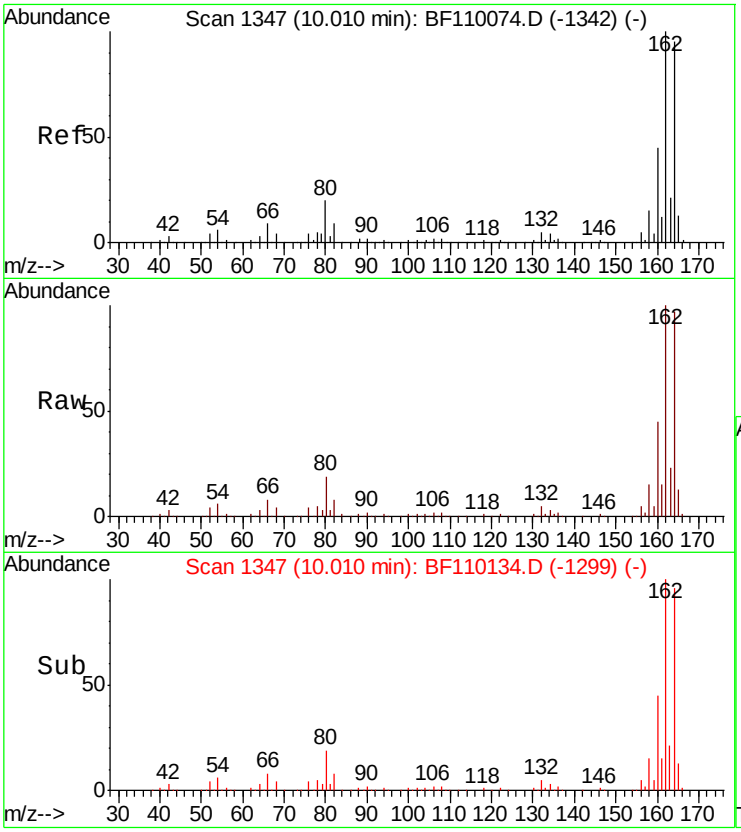


#25
Isophorone
Concen: 53.475 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion: 82 Resp: 792983

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



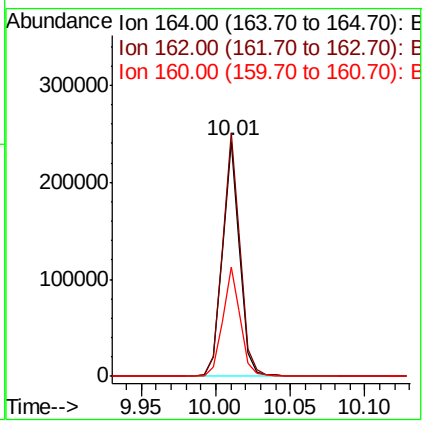


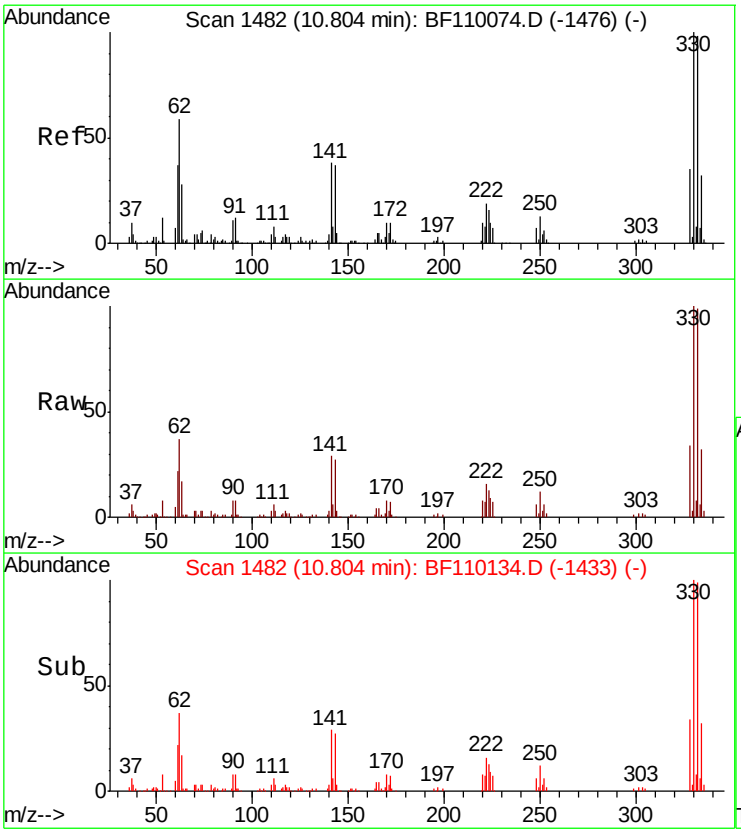
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 198472

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	46.5	37.0	55.6

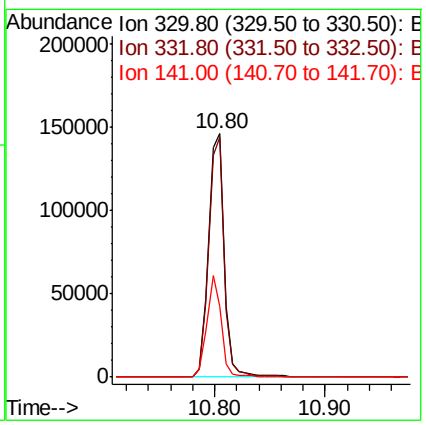


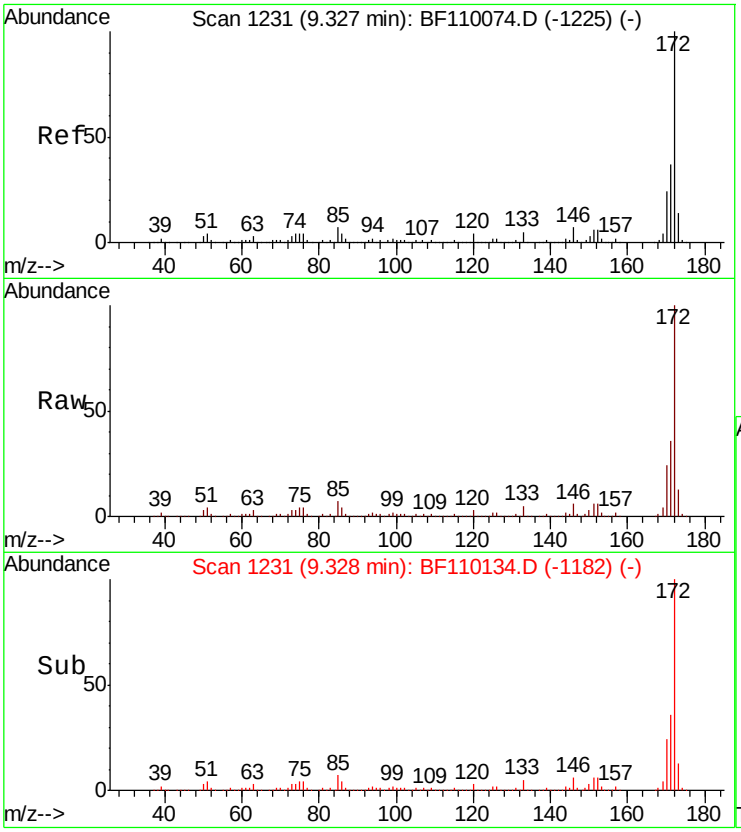


#42
2,4,6-Tribromophenol
Concen: 71.844 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion:330 Resp: 141246

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	37.5	27.0	40.4



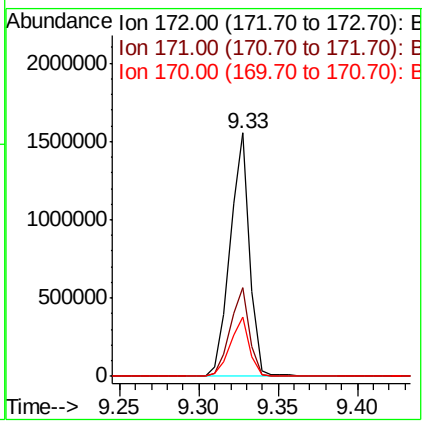


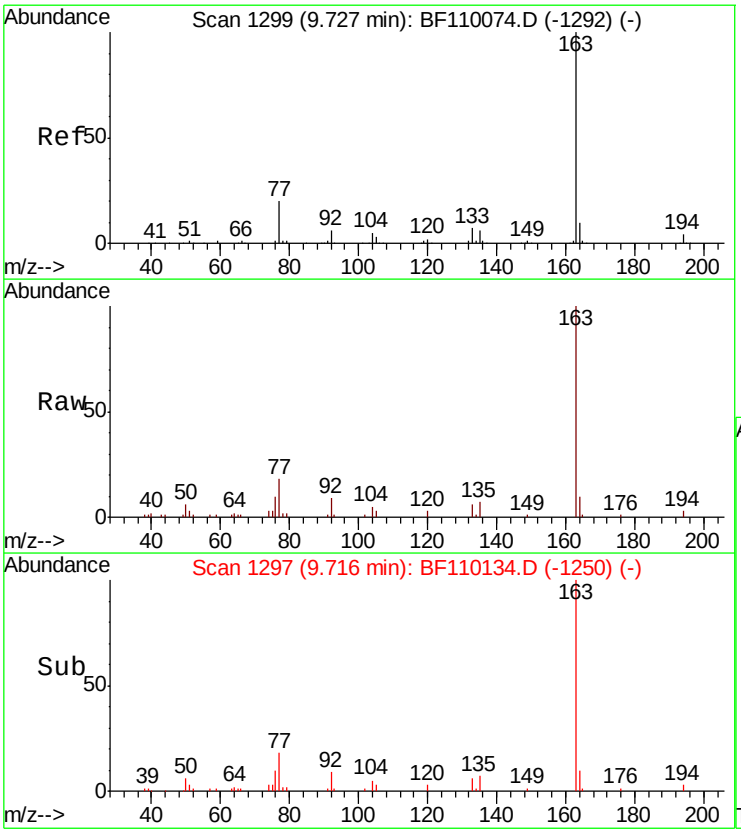
#45
2-Fluorobiphenyl
Concen: 104.357 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1319013

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.4	19.7	29.5

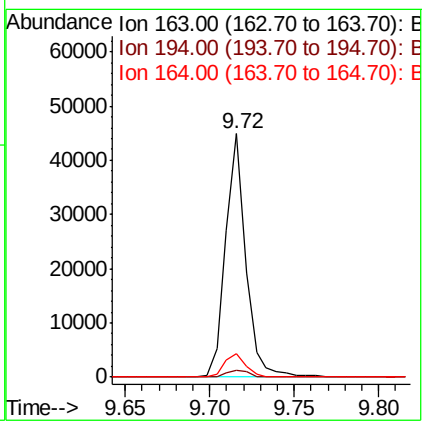


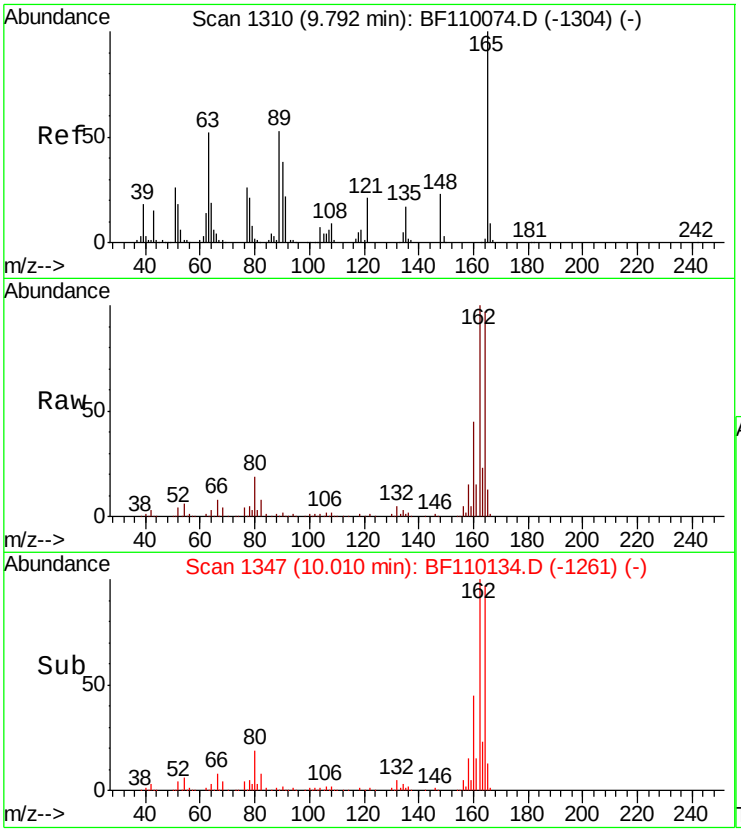


#50
Dimethylphthalate
Concen: 2.549 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion:163 Resp: 37352

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.2	4.8#
164	9.8	8.1	12.1



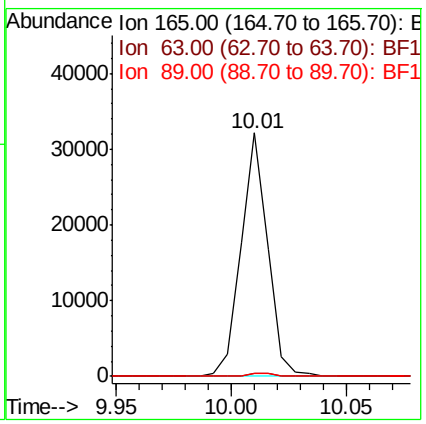


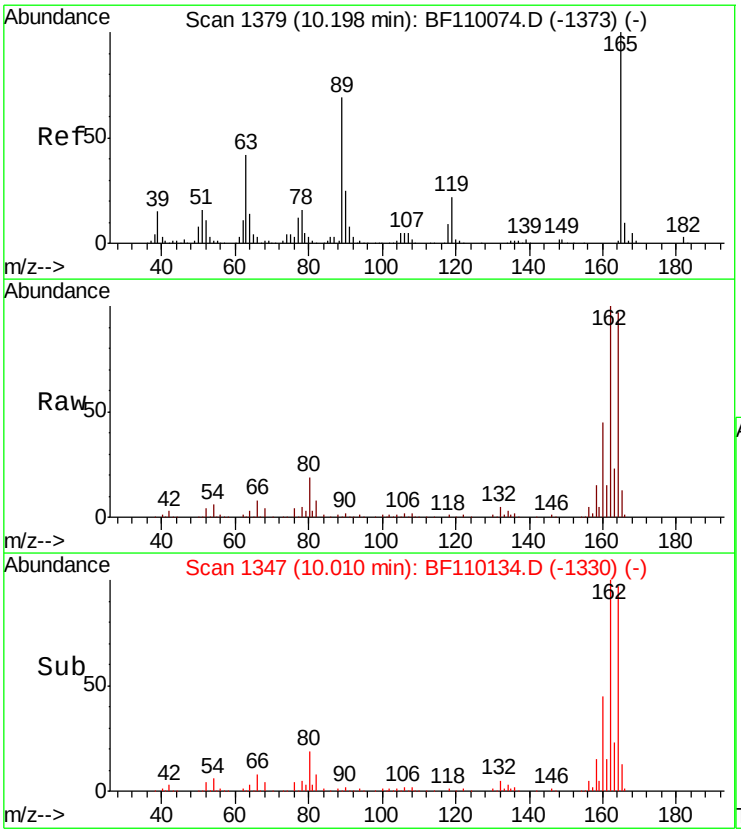
#51
2,6-Dinitrotoluene
Concen: 8.209 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25906

Ion	Ratio	Lower	Upper
165	100		
63	1.2	48.9	73.3#
89	1.4	46.6	69.8#

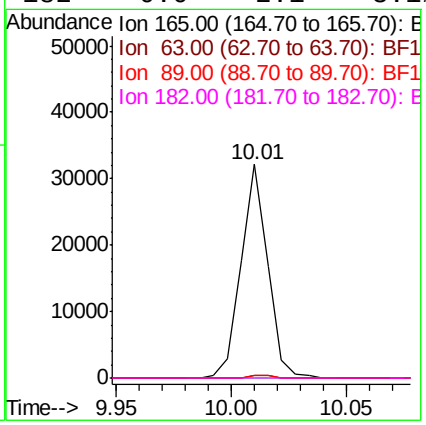


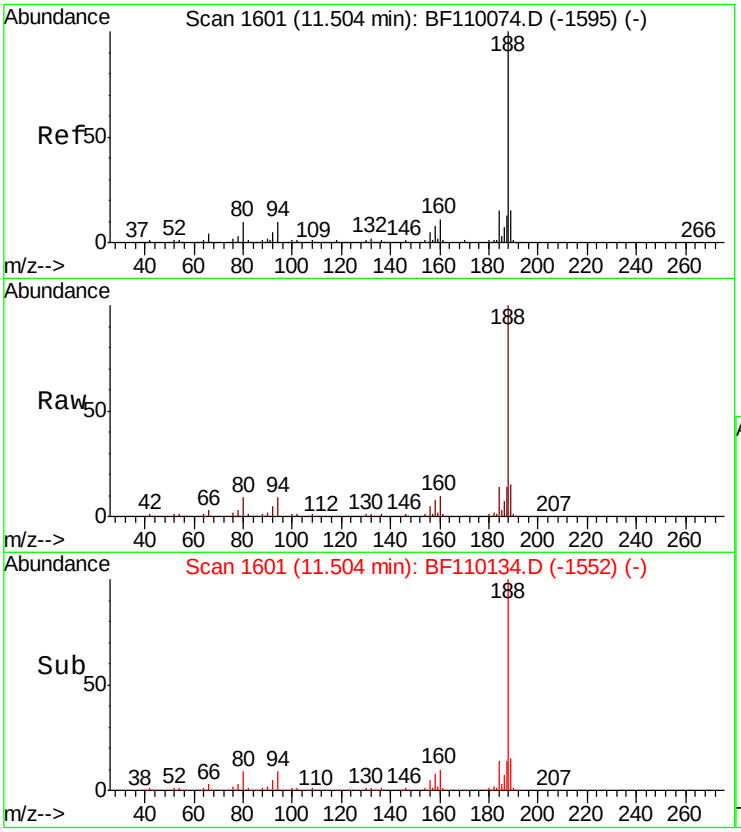


#57
2,4-Dinitrotoluene
Concen: 6.463 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion:165 Resp: 25906

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



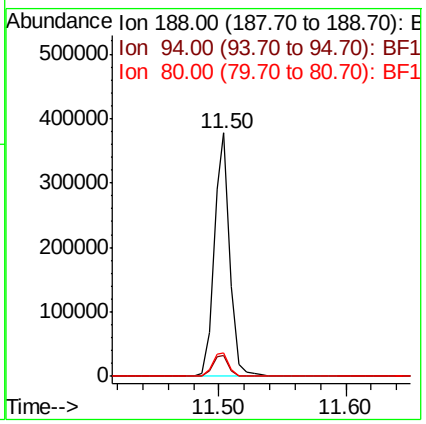


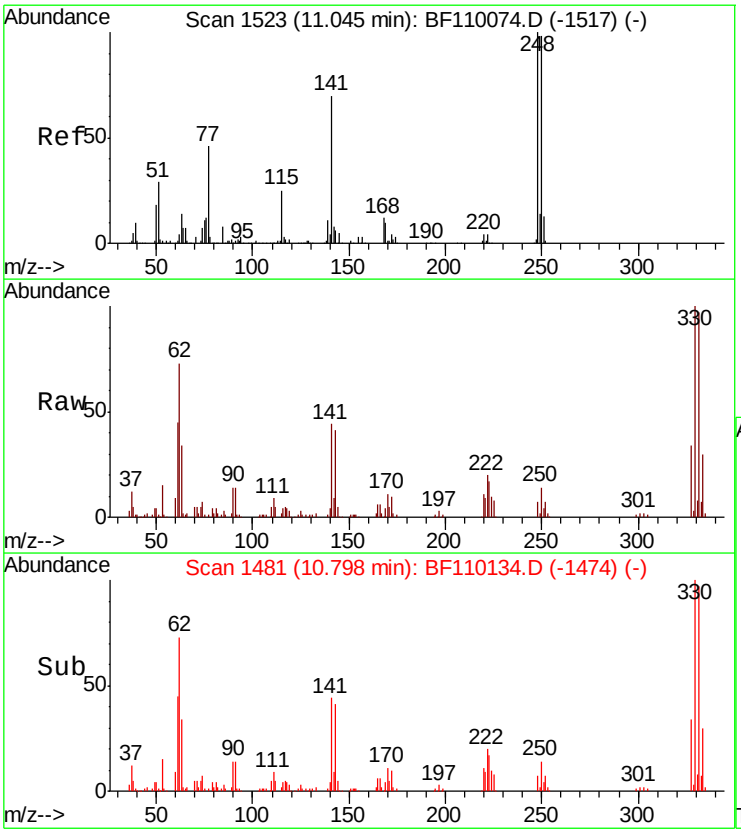
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 325031

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.4	7.9	11.9

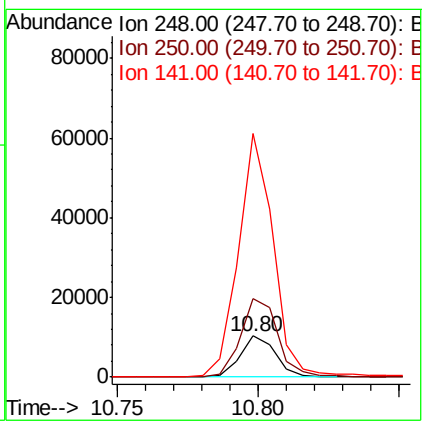


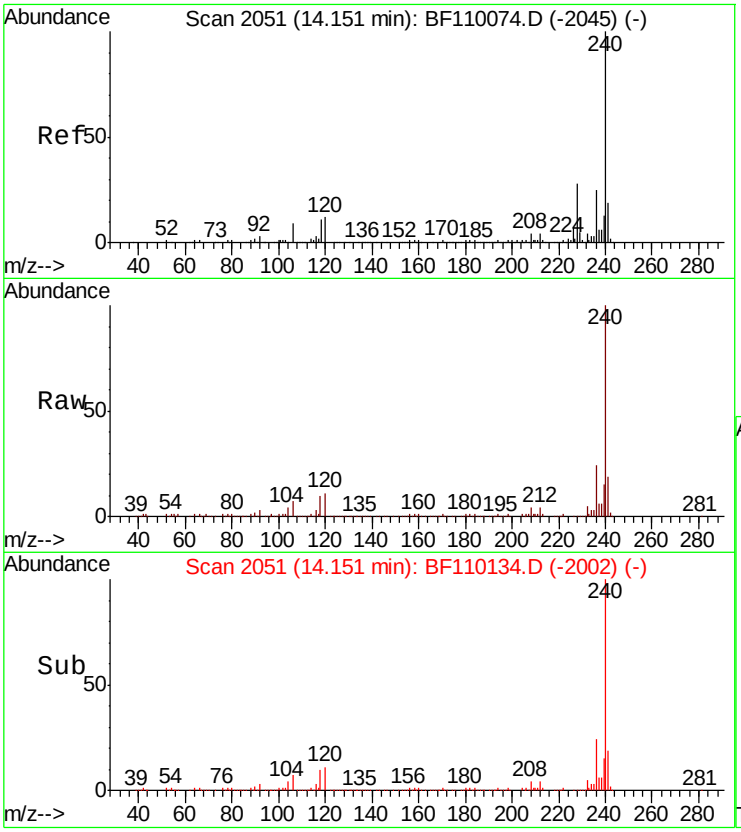


#67
4-Bromophenyl-phenylether
Concen: 2.503 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion:248 Resp: 8823

Ion	Ratio	Lower	Upper
248	100		
250	191.0	79.4	119.2#
141	597.1	55.9	83.9#



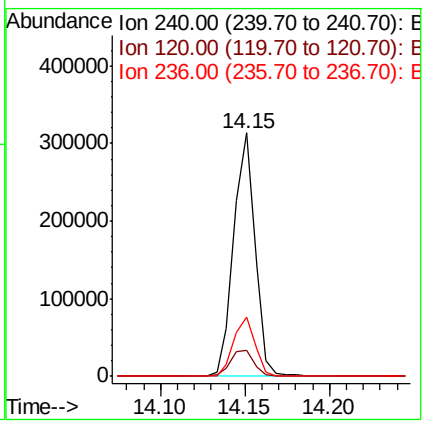


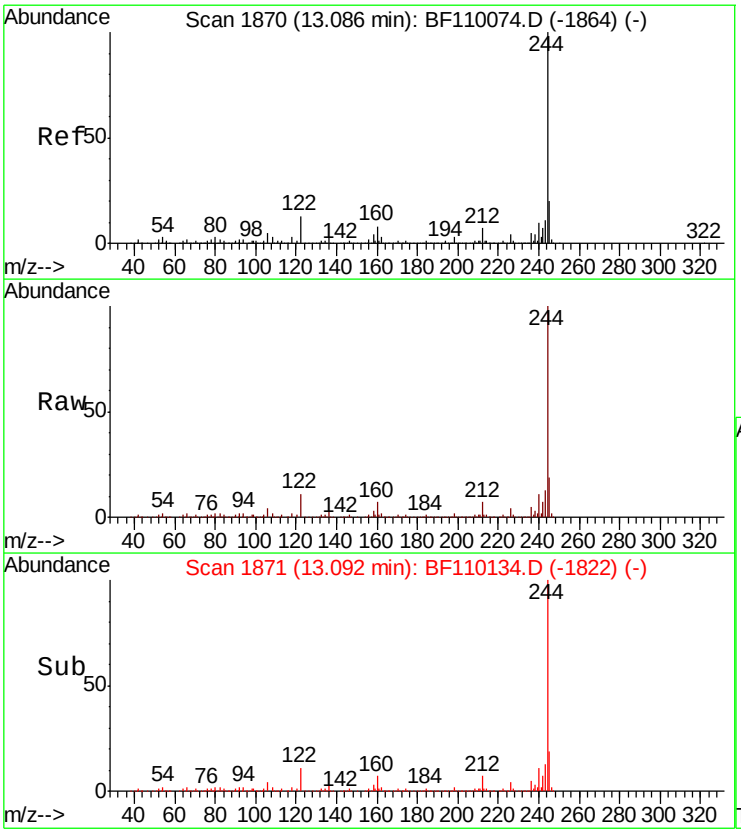
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 275790

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	24.2	21.2	31.8

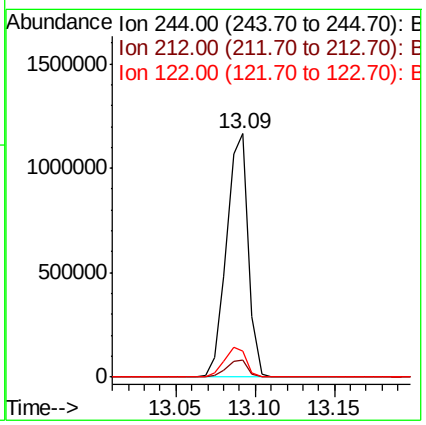


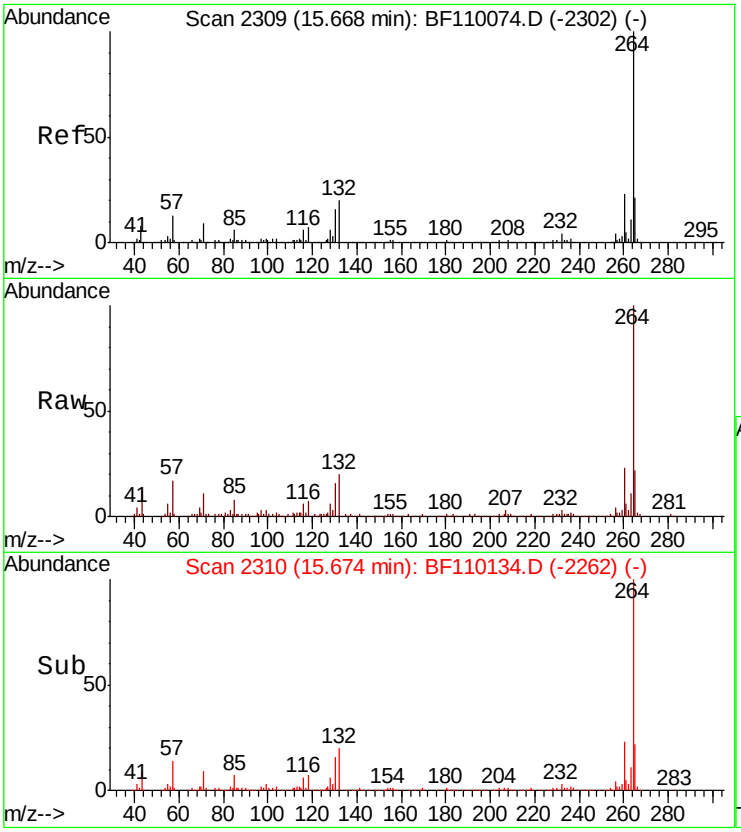


#79
Terphenyl-d14
Concen: 83.418 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Tgt Ion:244 Resp: 1106208

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.6	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110134.D
Acq: 25 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 188189

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.0	16.7	25.1