Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110560.D
Acq On : 7 Nov 2018 17:27
Operator : JU/SJ
Sample : J5762-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 08 16:22:00 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	83527	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	325169	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	134457	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	199408	20.00	ng	0.00
76) Chrysene-d12	14.13	240	184521	20.00	ng	0.00
87) Perylene-d12	15.66	264	171084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	233731	45.57	ng	-0.01
7) Phenol-d6	6.57	99	315021	48.02	ng	-0.01
23) Nitrobenzene-d5	7.51	82	193948	35.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	43271	32.49	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	338573	39.54	ng	-0.01
79) Terphenyl-d14	13.06	244	221860	25.01	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	343	Below Cal	#	1
10) Phenol	6.58	94	20804	2.967	ng	# 75
19) n-Nitroso-di-n-propylamine	7.51	70	24663	5.860	ng	# 80
25) Isophorone	7.51	82	193946	20.754	ng	# 67
50) Dimethylphthalate	9.70	163	47930	4.829	ng	98
51) 2,6-Dinitrotoluene	9.99	165	16652	7.789	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	16652	6.132	ng	# 17
77) Benzidine	13.06	184	3137	Below Cal	#	88

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

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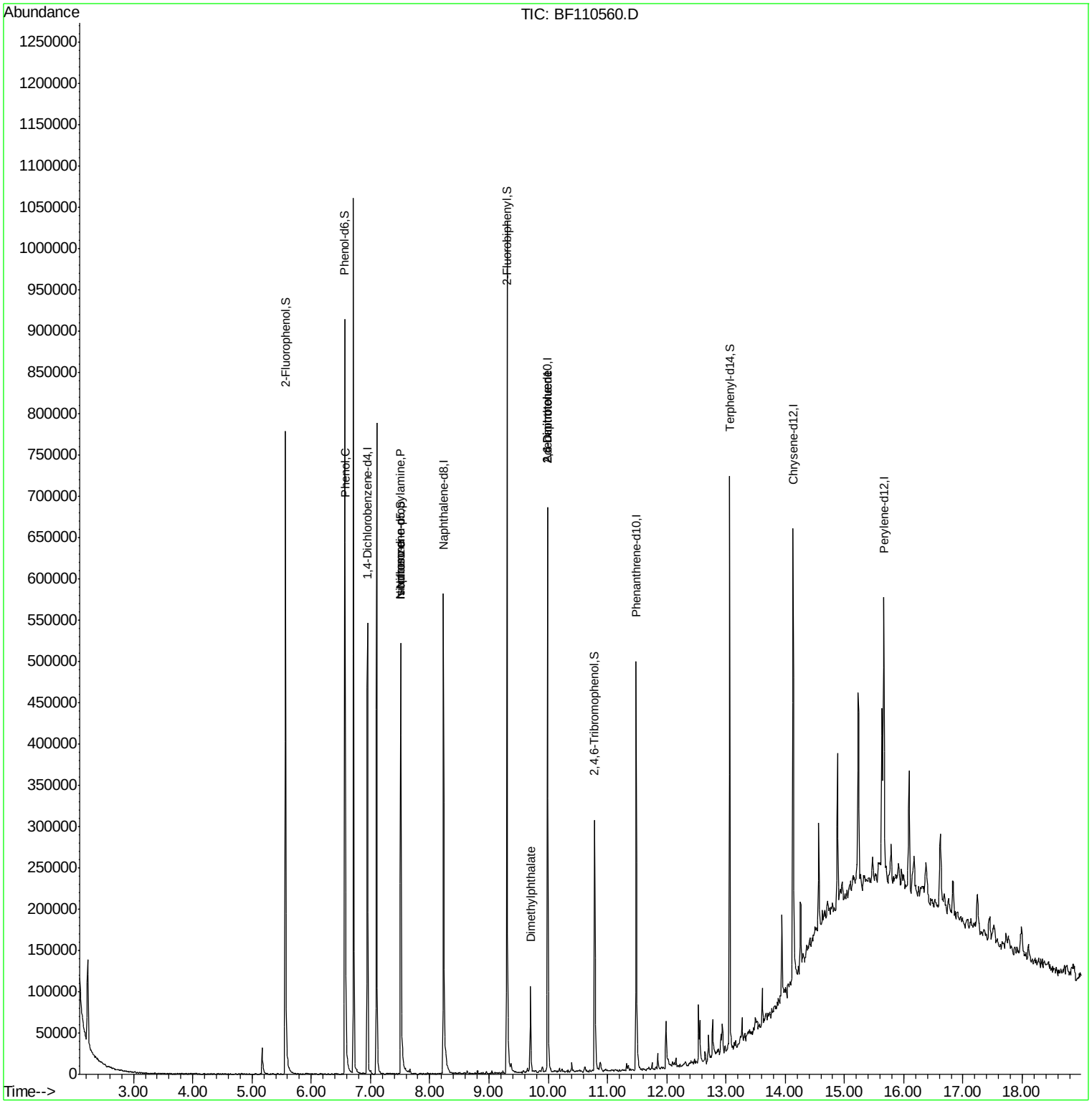
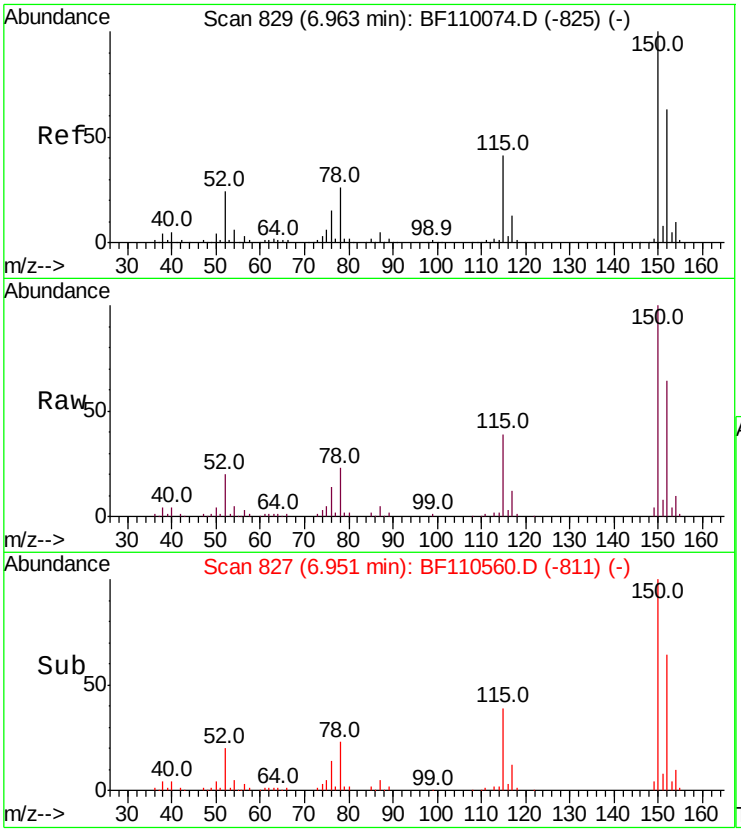
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



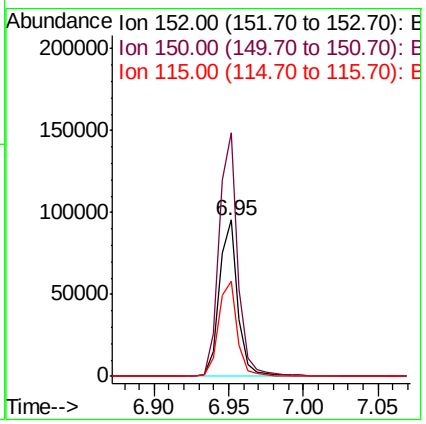


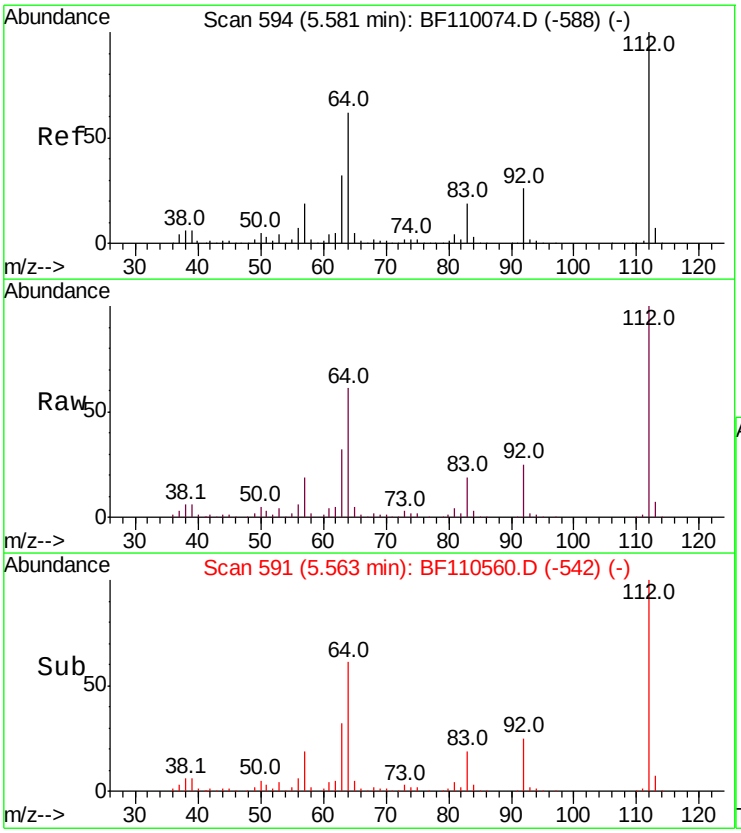
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83527

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	60.5	49.1	73.7

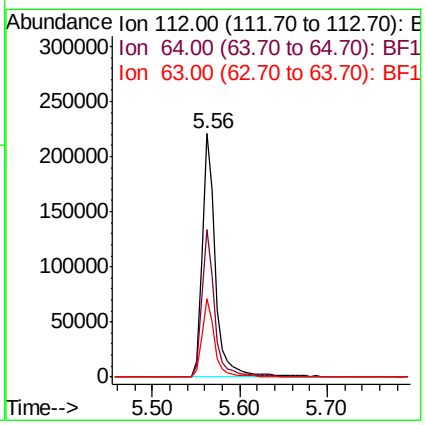


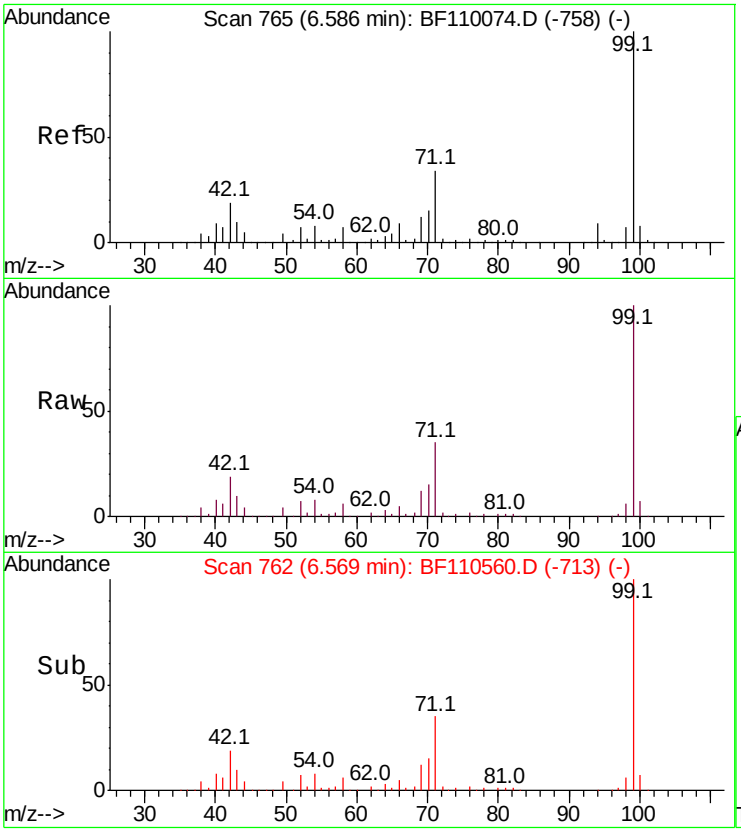


#5
2-Fluorophenol
Concen: 45.568 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:112 Resp: 233731

Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.1	66.1
63	32.1	23.7	35.5



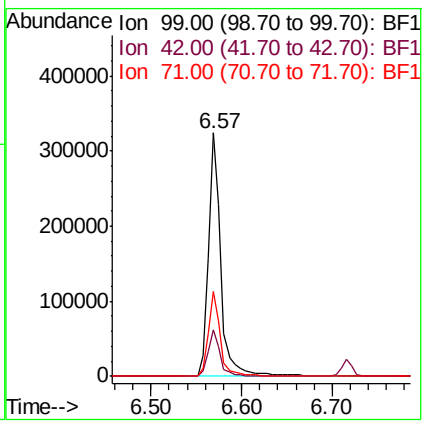


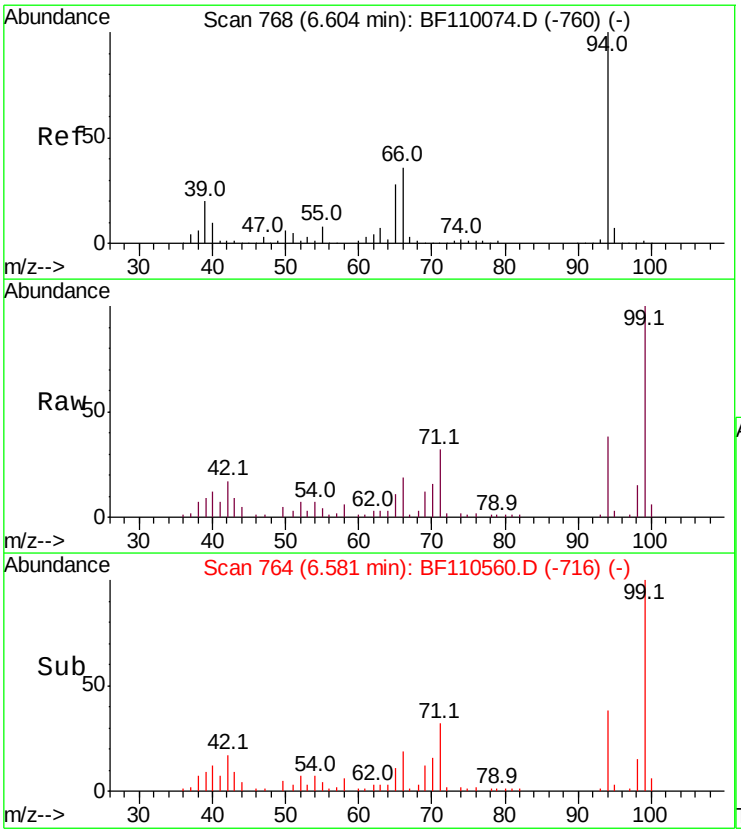
#7
Phenol-d6
Concen: 48.017 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 315021

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	34.8	28.0	42.0

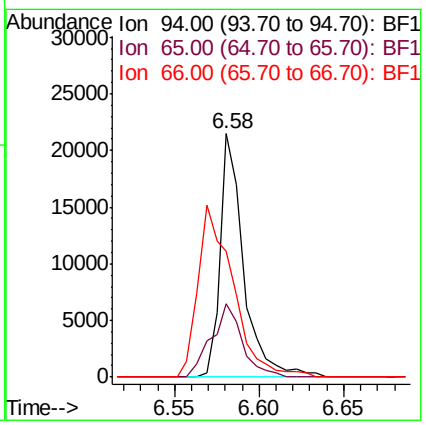


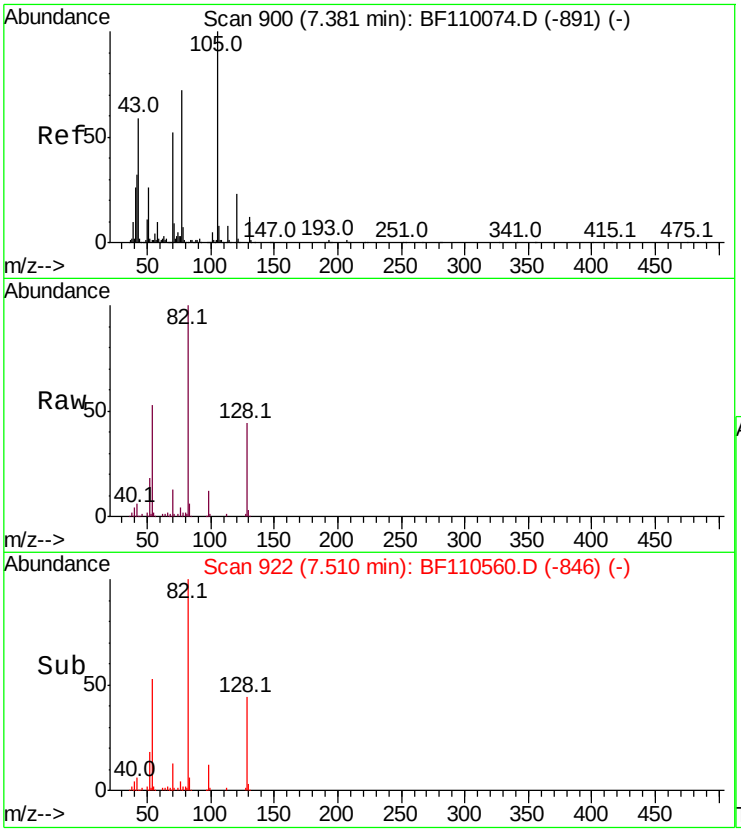


#10
Phenol
Concen: 2.967 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion: 94 Resp: 20804

Ion	Ratio	Lower	Upper
94	100		
65	30.4	25.3	65.3
66	51.5	54.5	94.5#



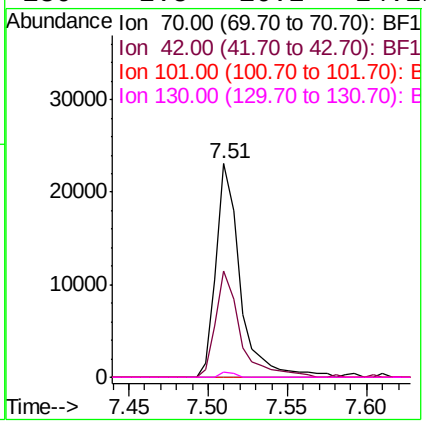


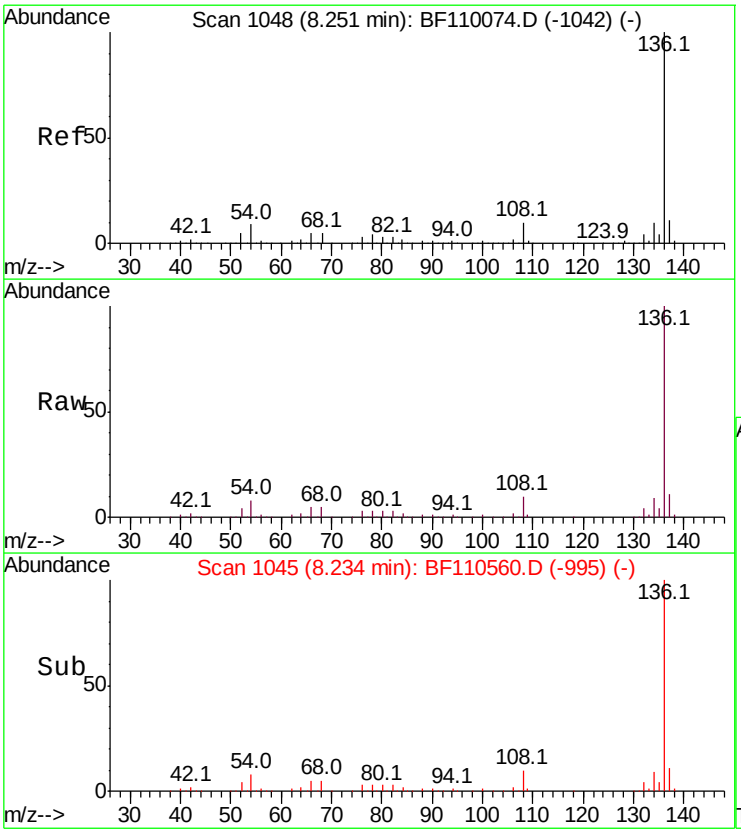
#19
n-Nitroso-di-n-propylamine
Concen: 5.860 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 24663

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

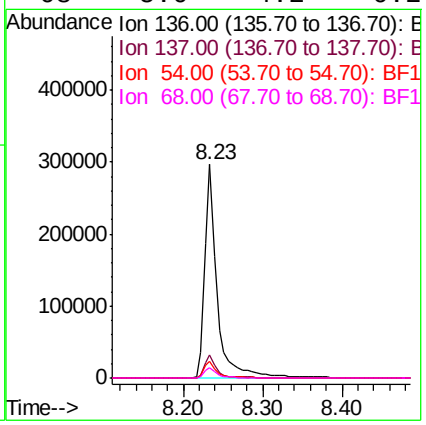


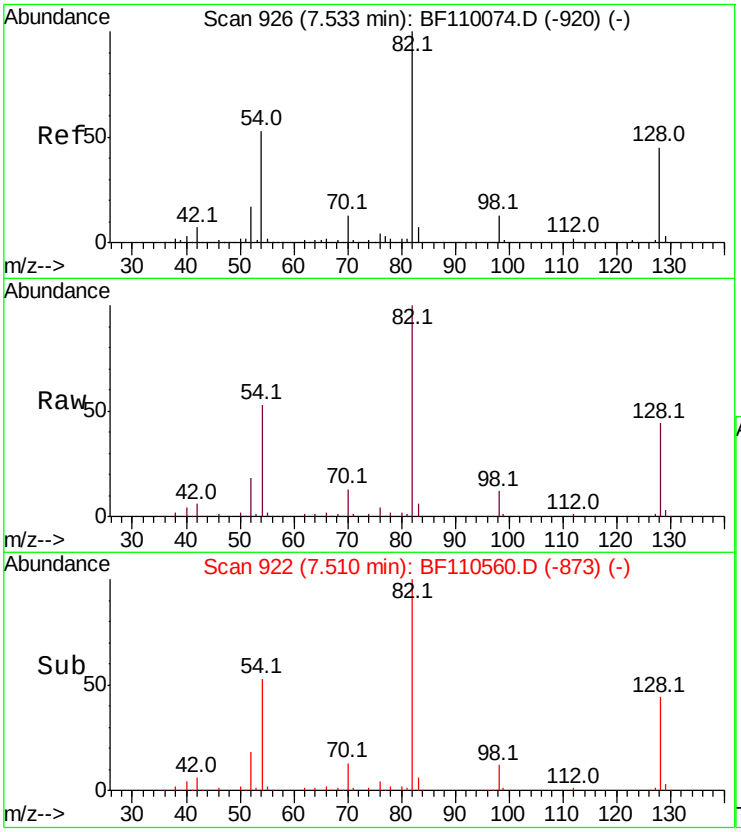


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:136 Resp: 325169

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.9	5.4	8.2
68	5.0	4.2	6.2



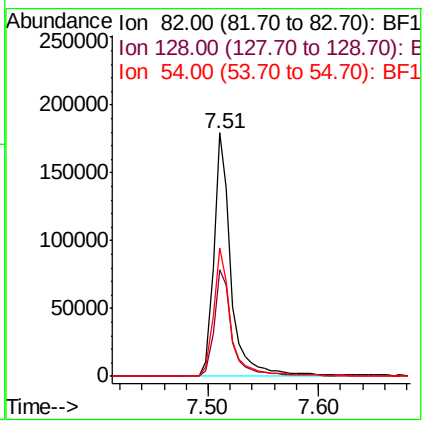


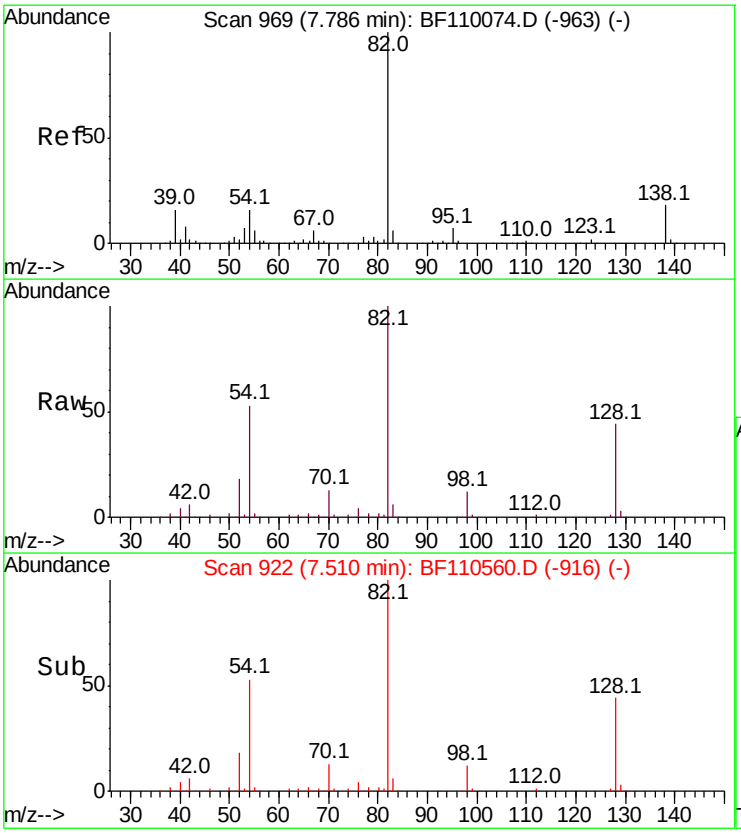
#23
Nitrobenzene-d5
Concen: 35.378 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 193948

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	52.8	38.6	58.0

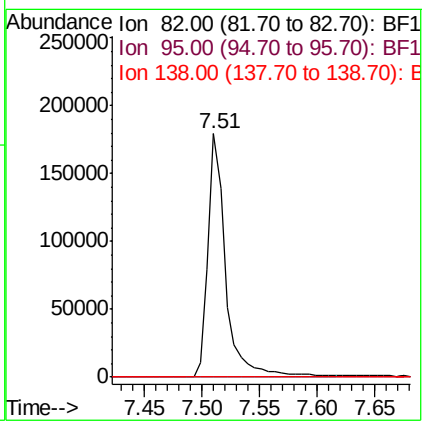


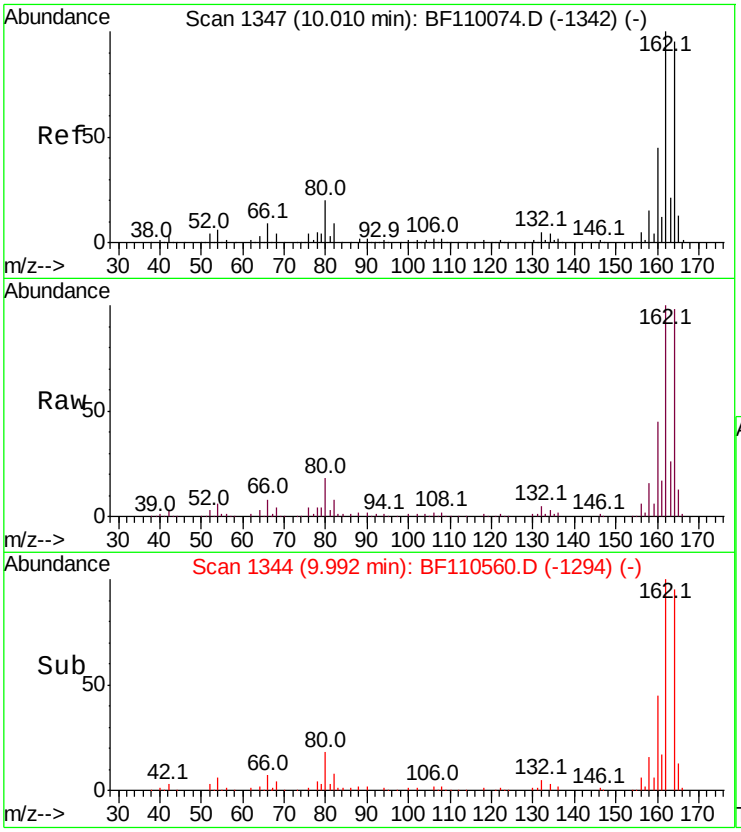


#25
Isophorone
Concen: 20.754 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion: 82 Resp: 193946

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



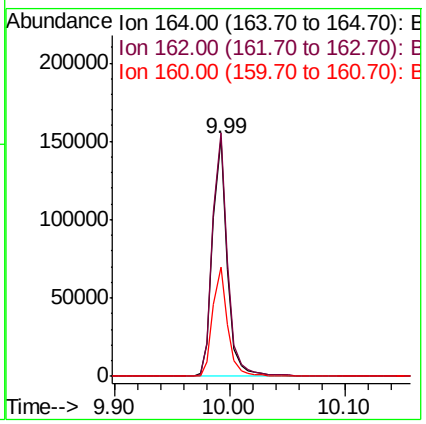


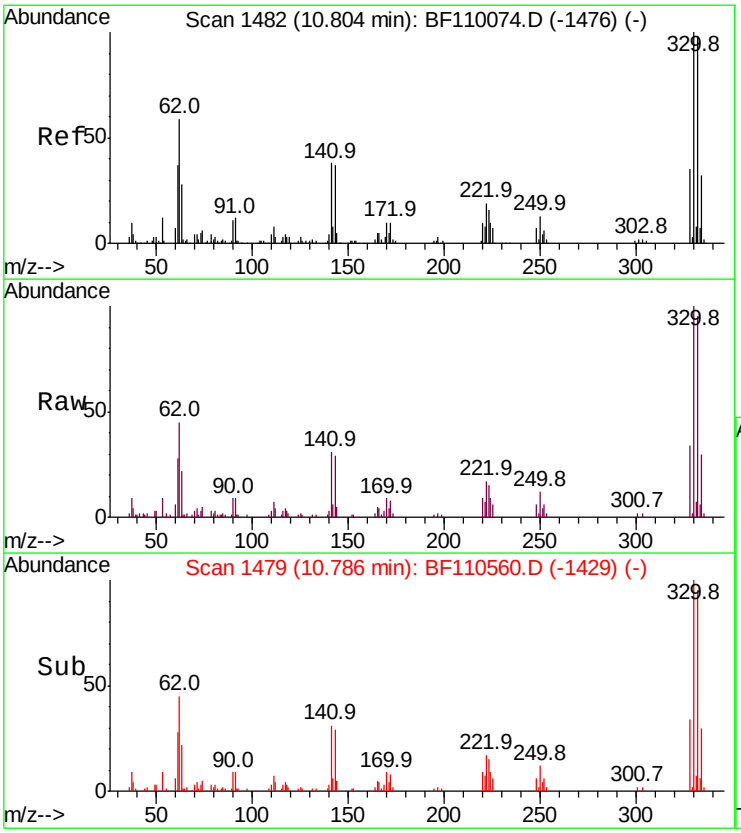
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 134457

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	45.8	37.0	55.6

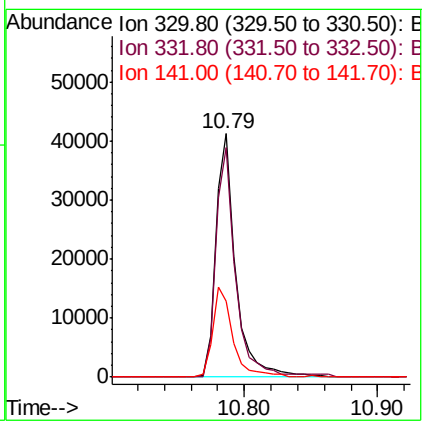


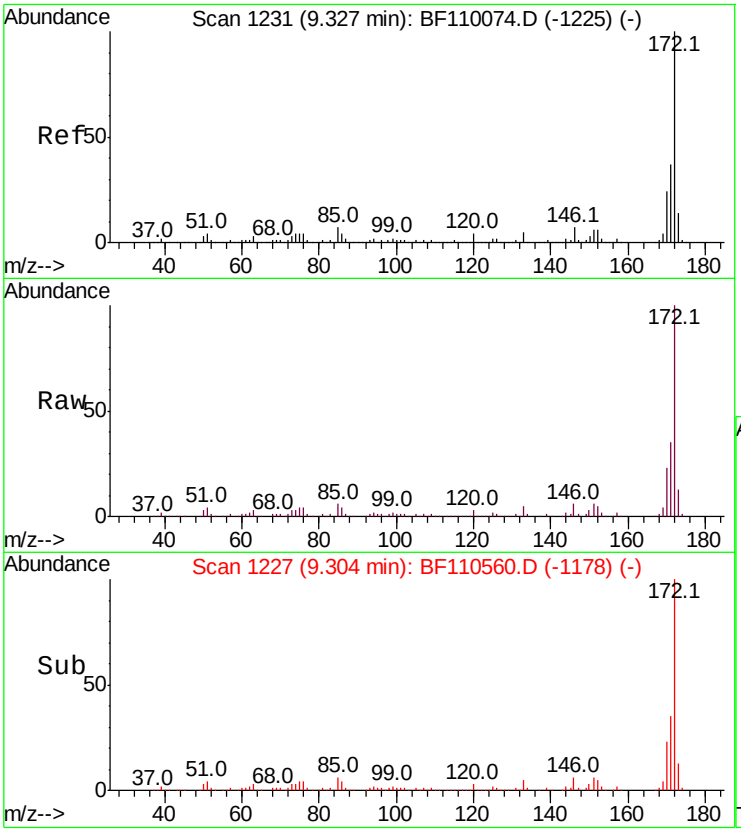


#42
2,4,6-Tribromophenol
Concen: 32.489 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:330 Resp: 43271

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	37.5	27.0	40.4



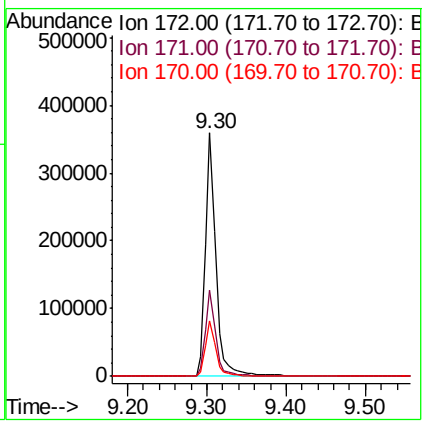


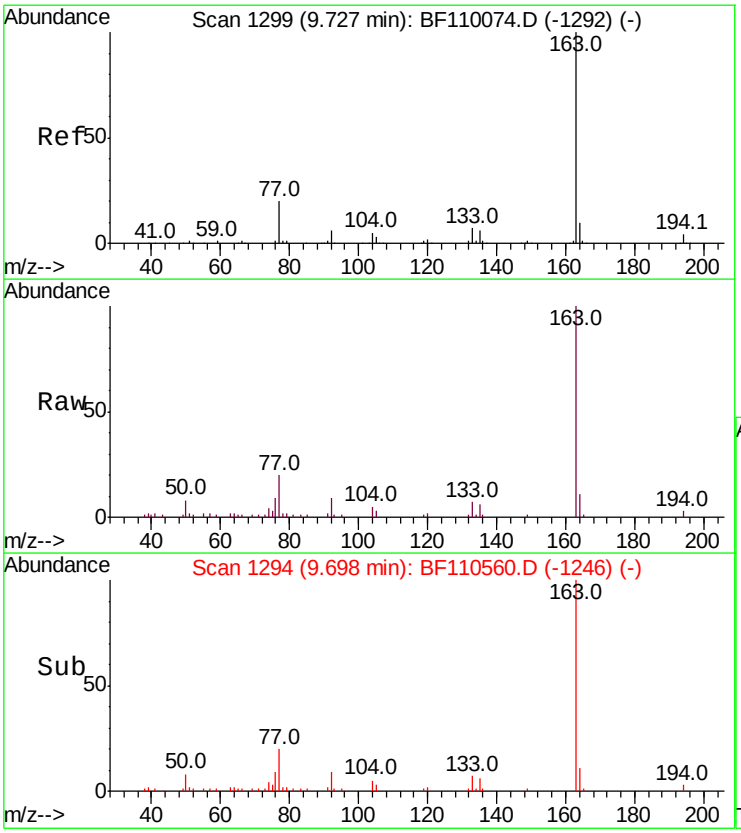
#45
2-Fluorobiphenyl
Concen: 39.540 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 338573

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.0	19.7	29.5

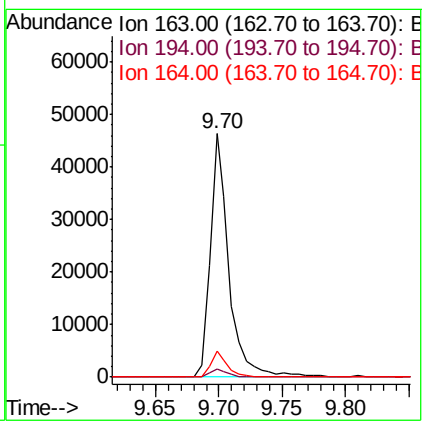


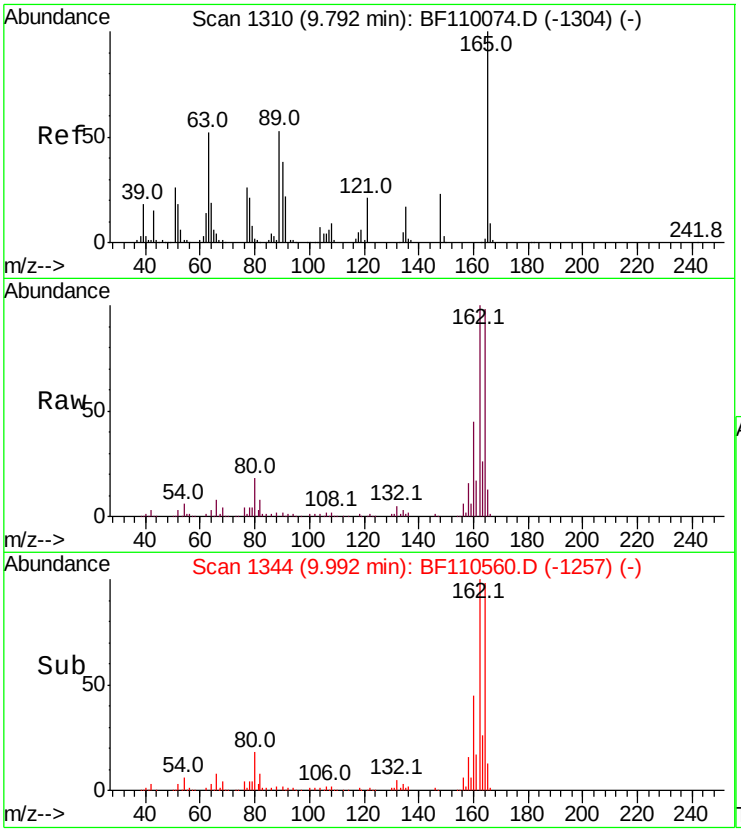


#50
Dimethylphthalate
Concen: 4.829 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:163 Resp: 47930

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8
164	10.9	8.1	12.1



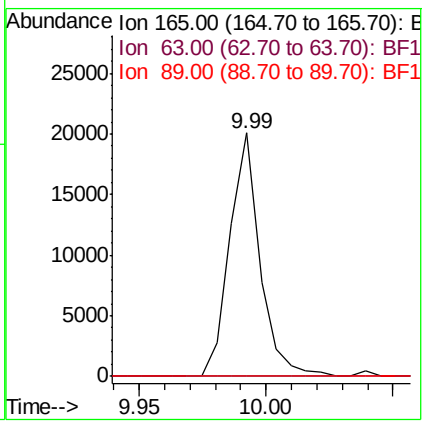


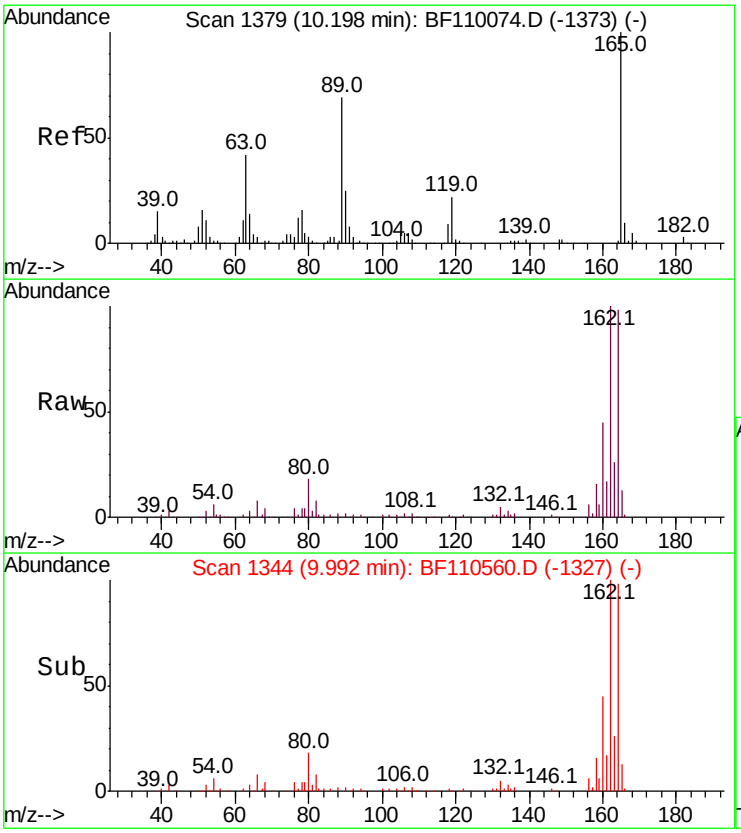
#51
2,6-Dinitrotoluene
Concen: 7.789 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16652

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

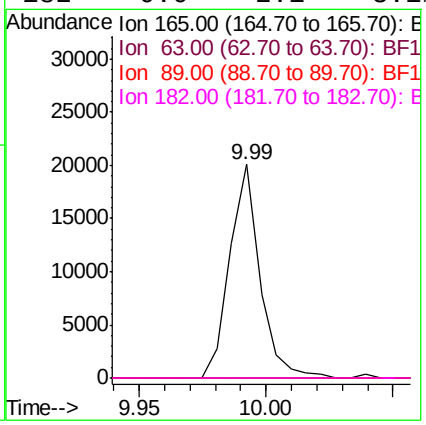


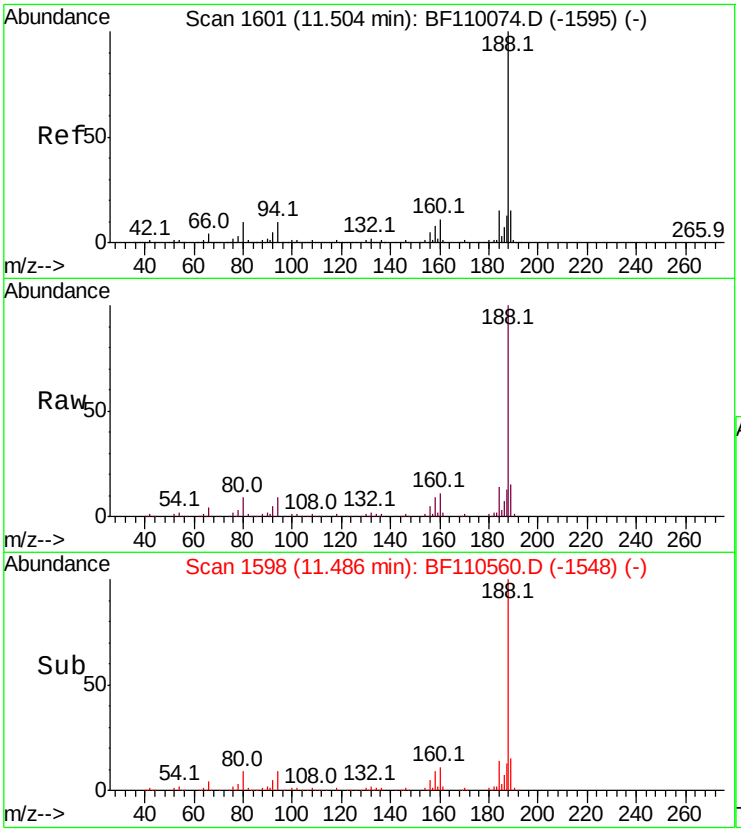


#57
2,4-Dinitrotoluene
Concen: 6.132 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:165 Resp: 16652

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#



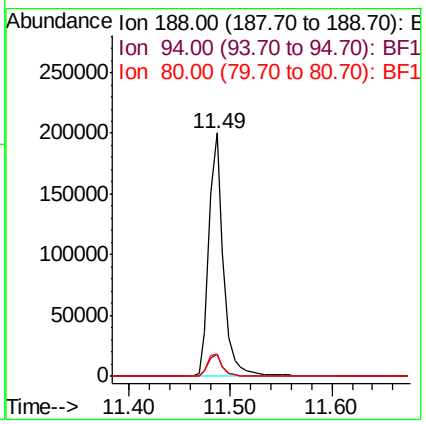


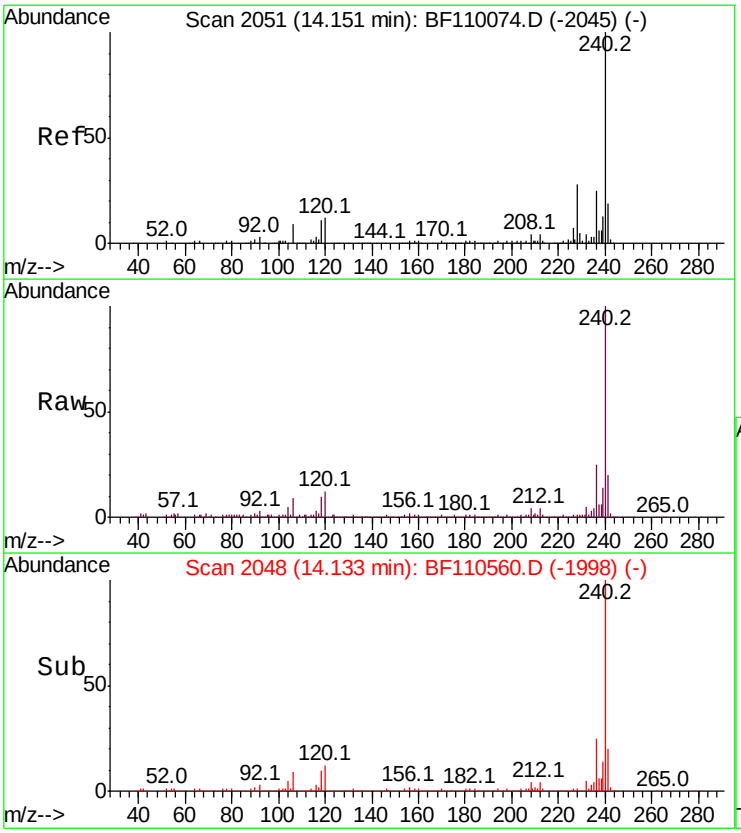
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 199408

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.1	7.9	11.9

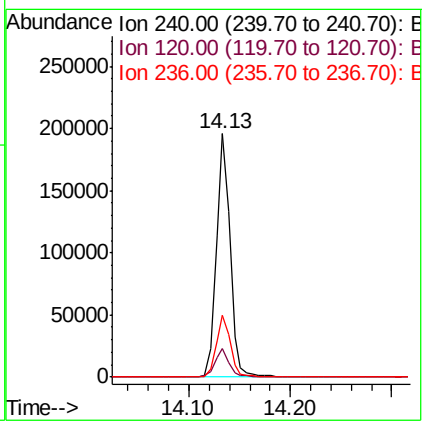


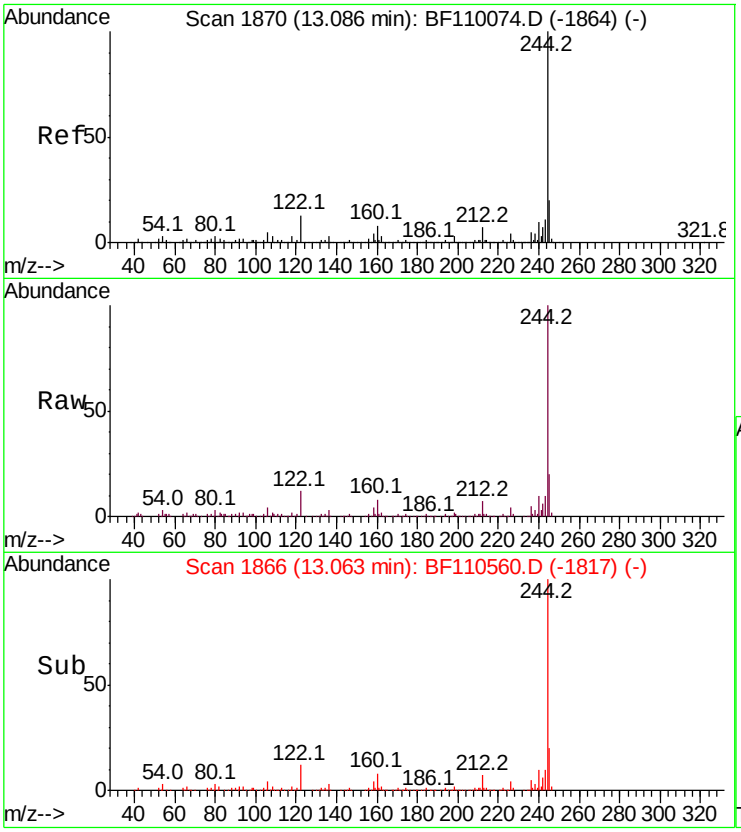


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:240 Resp: 184521

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.4	21.2	31.8



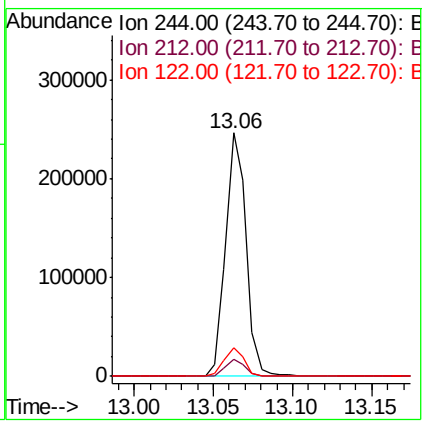


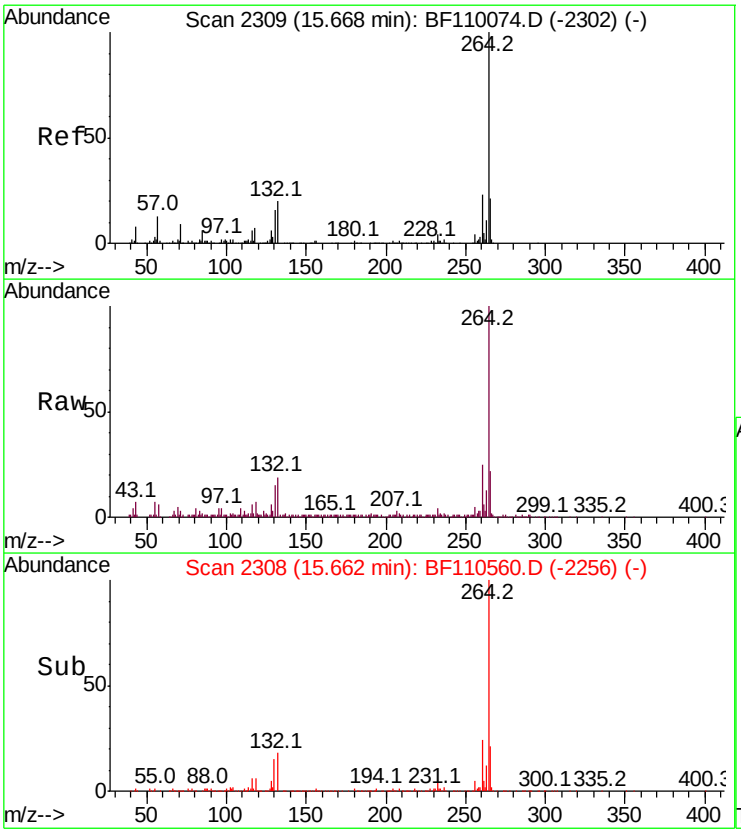
#79
Terphenyl-d14
Concen: 25.006 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 221860

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.0	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: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:264 Resp: 171084

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.6	16.7	25.1