Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
Data File : BF110802.D
Acq On : 15 Nov 2018 21:35
Operator : JU/SJ
Sample : J5950-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 04:29:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57491	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	224256	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	95631	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	151663	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	133853	20.00	ng	-0.01
87) Perylene-d12	15.66	264	96102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	506727	143.17	ng	0.00
7) Phenol-d6	6.57	99	625820	138.27	ng	0.00
23) Nitrobenzene-d5	7.50	82	385289	98.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	120842	125.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	640368	95.63	ng	0.00
79) Terphenyl-d14	13.06	244	475279	66.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	493	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.50	70	52070	18.023	ng	# 82
25) Isophorone	7.50	82	385286	60.367	ng	# 67
31) Naphthalene	8.25	128	28647	2.721	ng	99
50) Dimethylphthalate	9.69	163	102729	14.396	ng	99
57) 2,4-Dinitrotoluene	9.98	165	12352	6.052	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	7641	4.559	ng	# 1

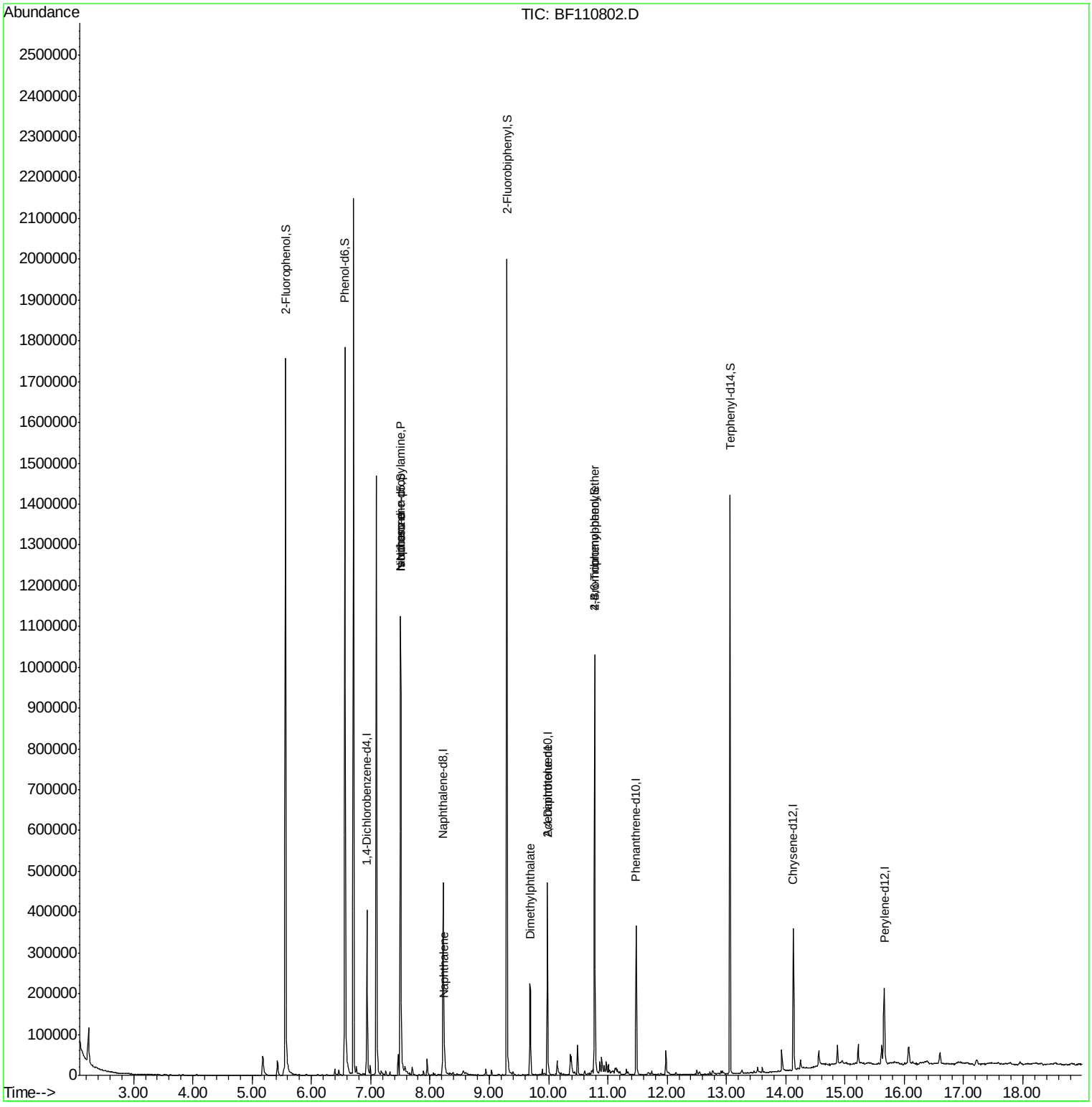
(#) = qualifier out of range (m) = manual integration (+) = signals summed

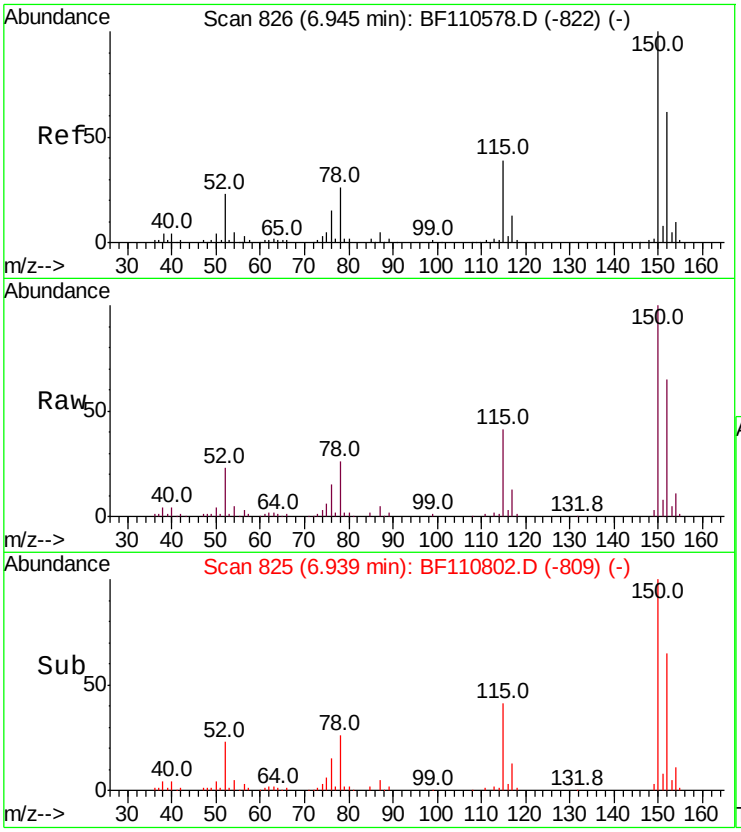
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
Data File : BF110802.D
Acq On : 15 Nov 2018 21:35
Operator : JU/SJ
Sample : J5950-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 04:29:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



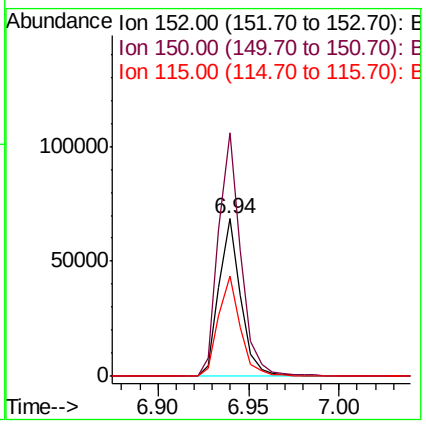


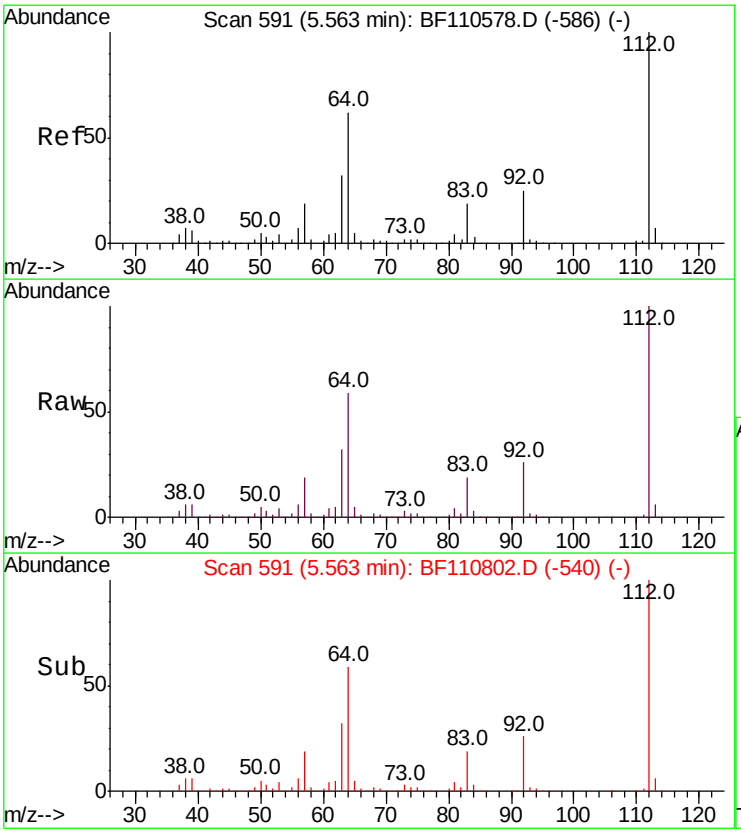
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57491

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.7	184.1
115	63.5	49.1	73.7

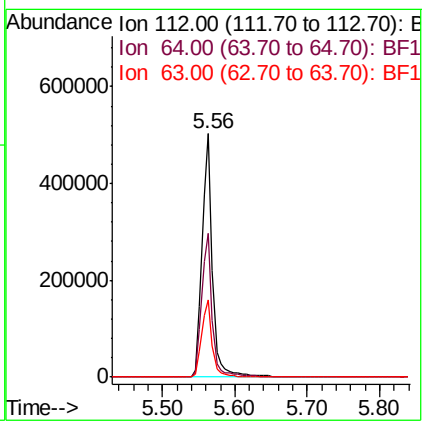


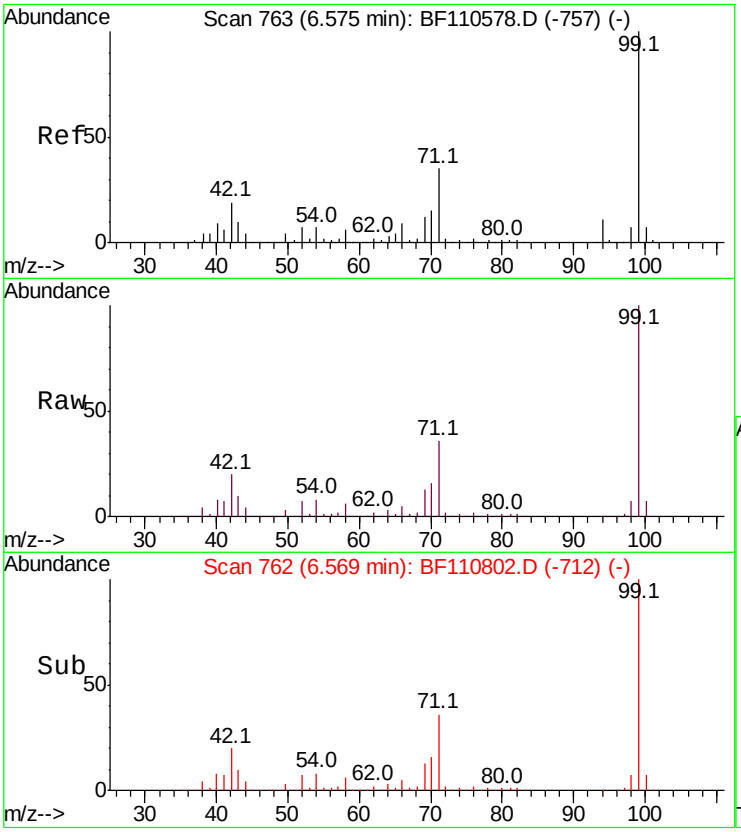


#5
2-Fluorophenol
Concen: 143.167 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:112 Resp: 506727

Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.6	23.7	35.5



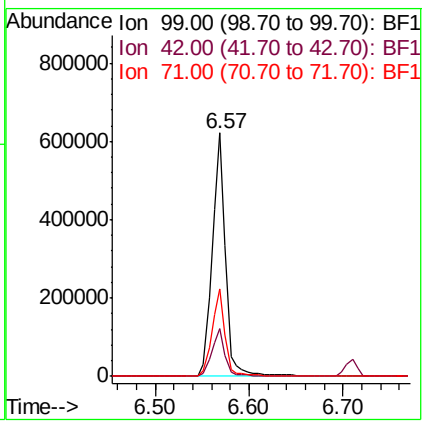


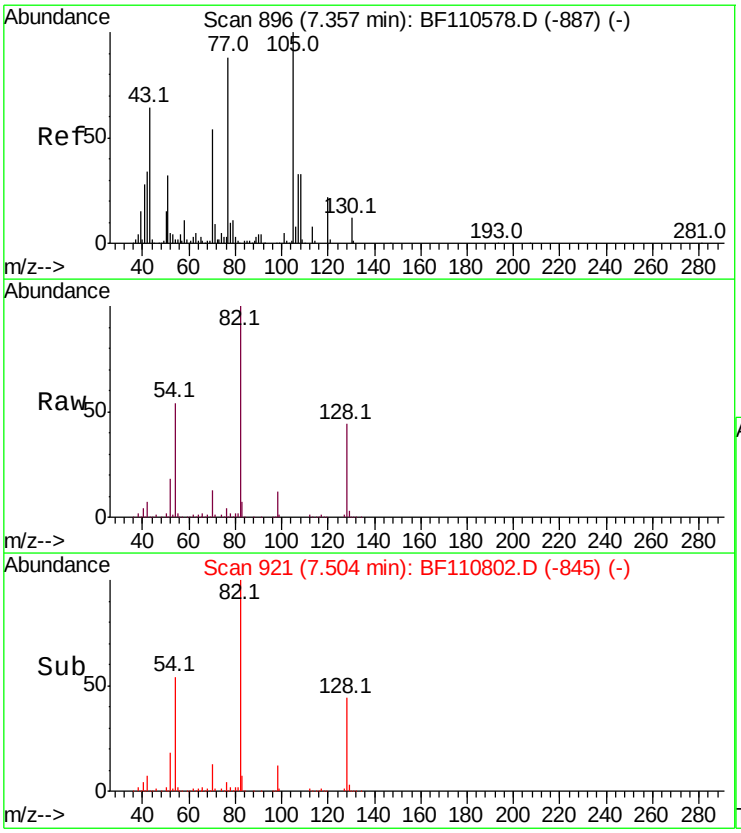
#7
Phenol-d6
Concen: 138.271 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 625820

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.9	28.0	42.0

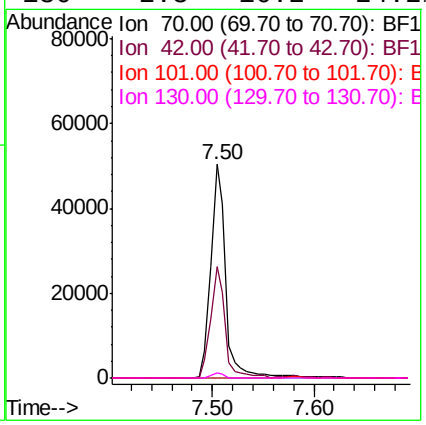


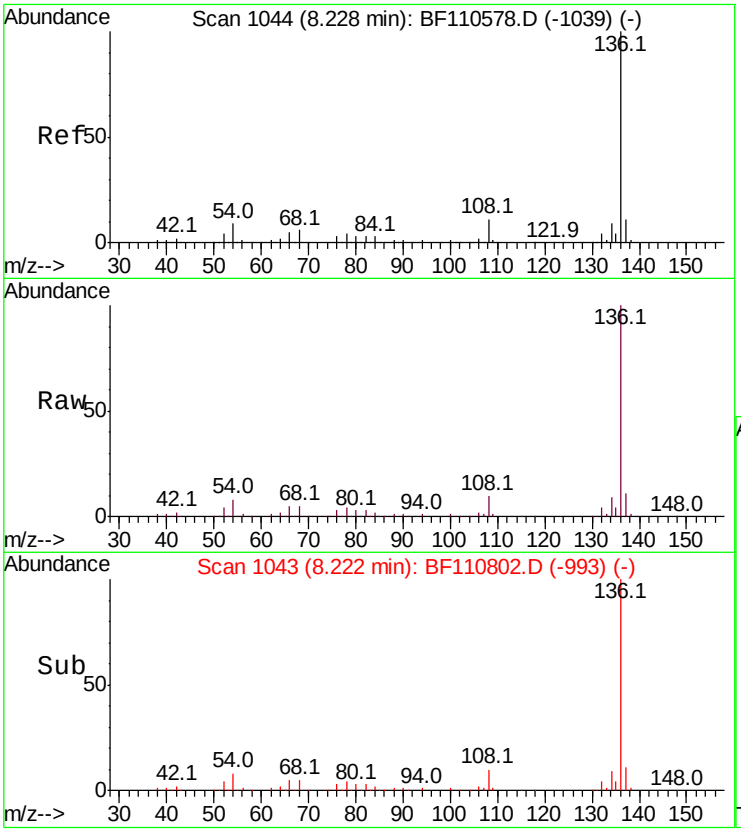


#19
n-Nitroso-di-n-propylamine
Concen: 18.023 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion: 70 Resp: 52070

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



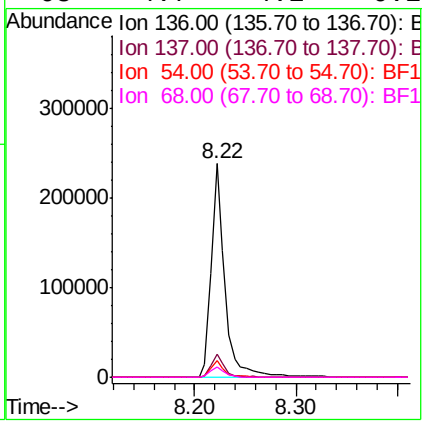


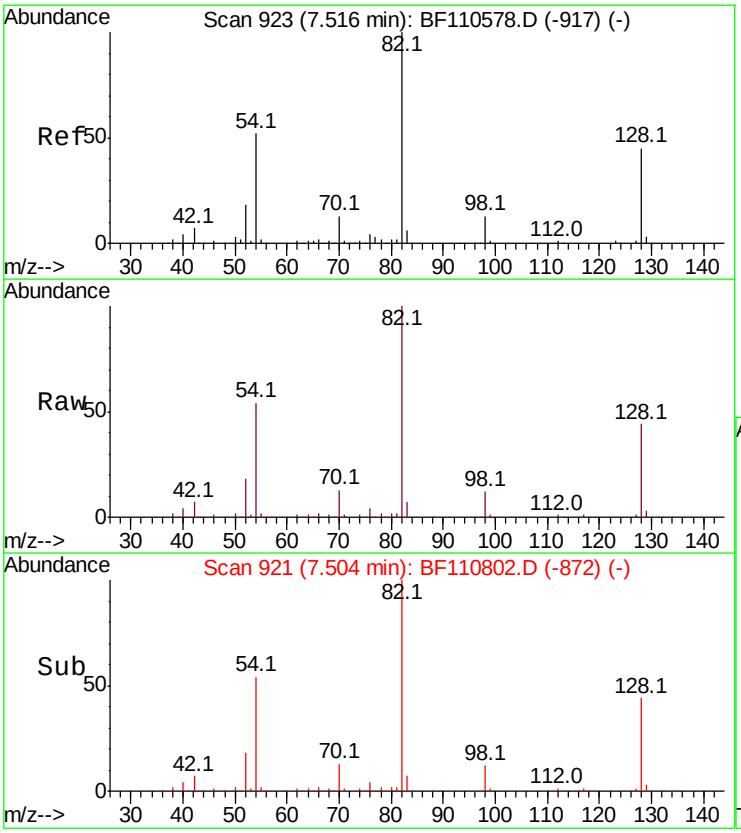
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 224256

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.9	5.4	8.2
68	4.7	4.2	6.2

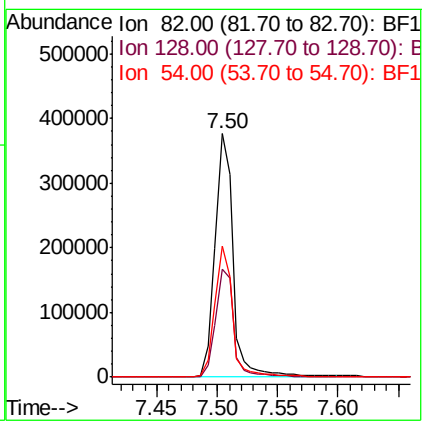


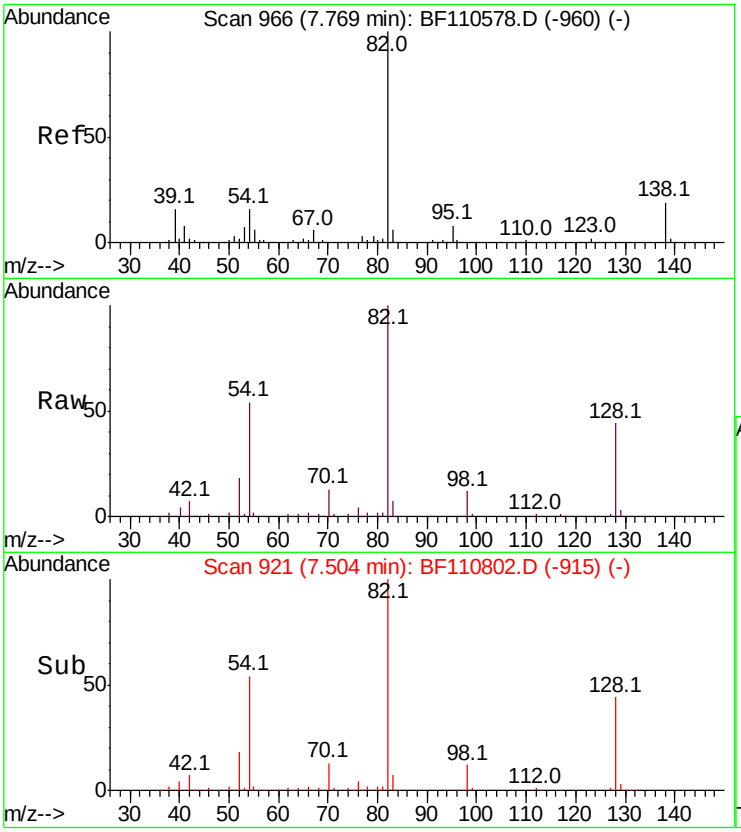


#23
Nitrobenzene-d5
Concen: 98.943 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion: 82 Resp: 385289

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	53.9	38.6	58.0



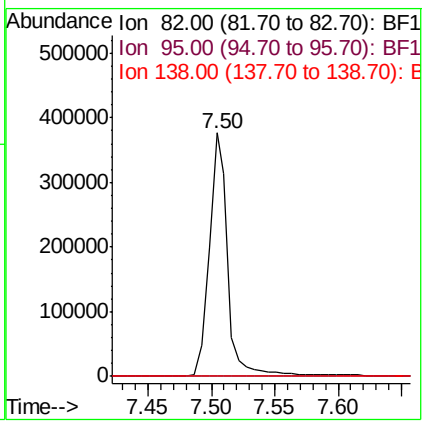


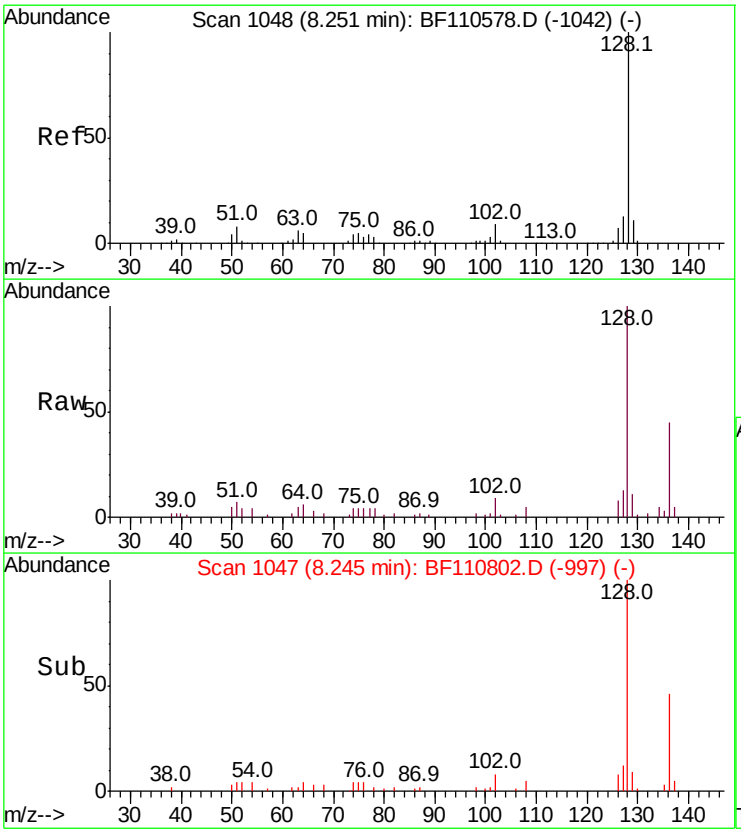
#25
Isophorone
Concen: 60.367 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 385286

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

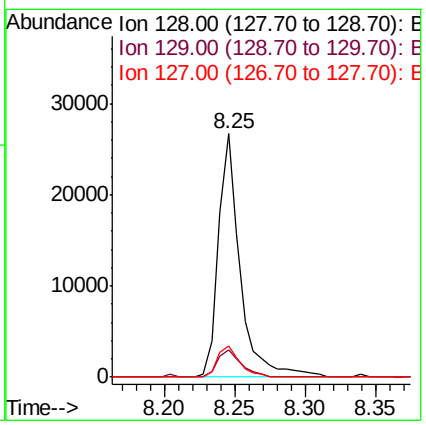


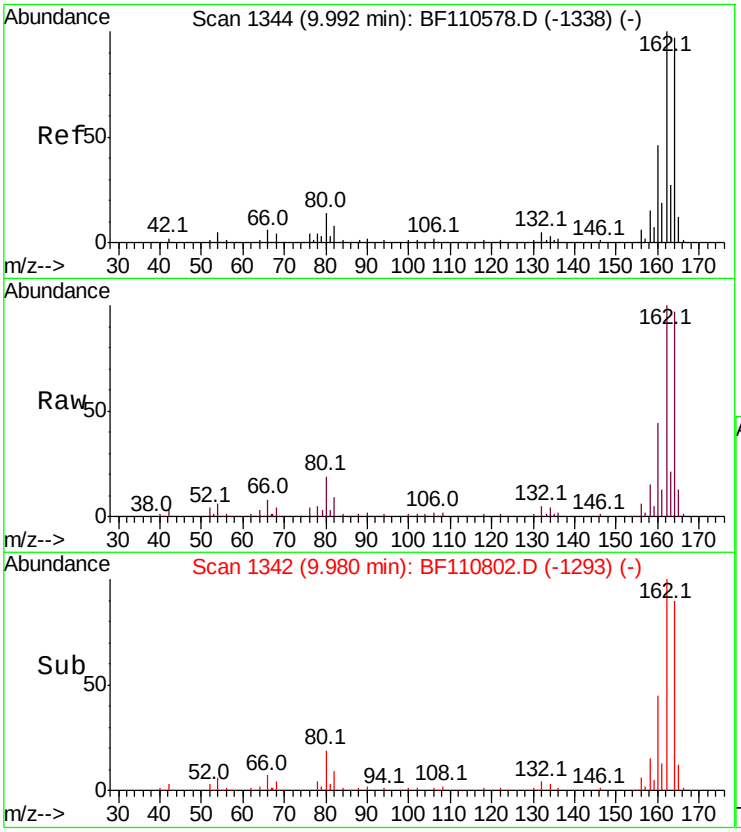


#31
Naphthalene
Concen: 2.721 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:128 Resp: 28647

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.8	16.2



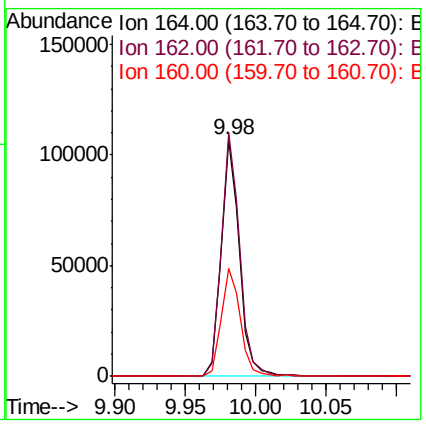


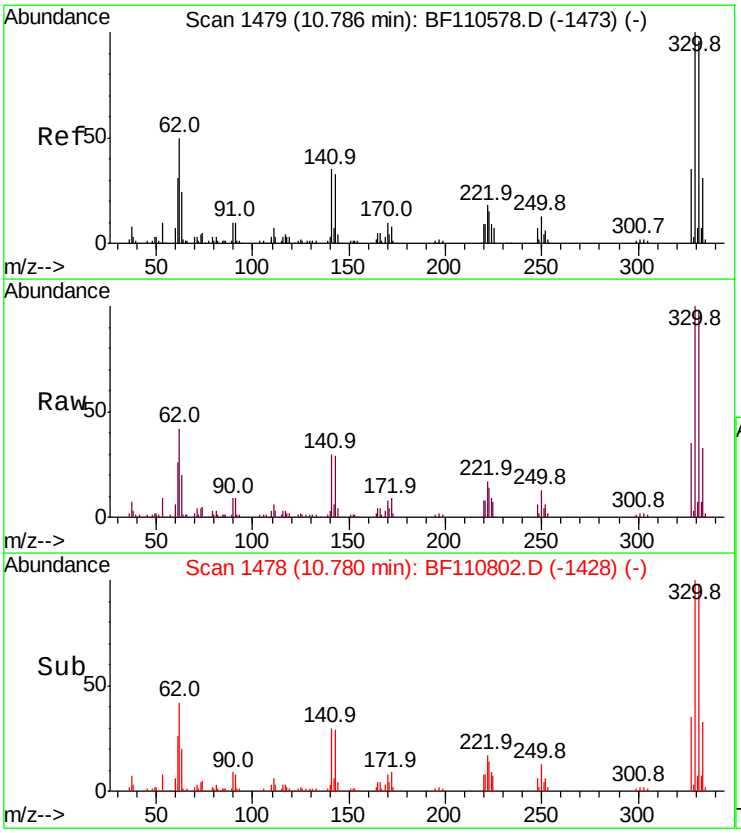
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 95631

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	45.7	37.0	55.6

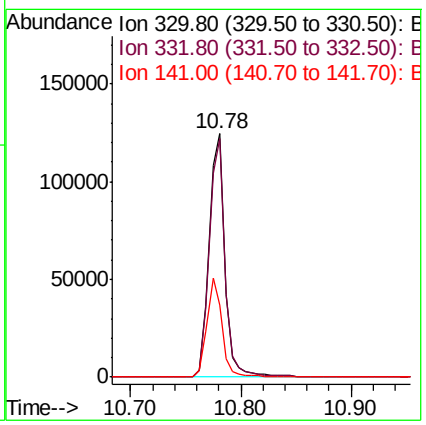


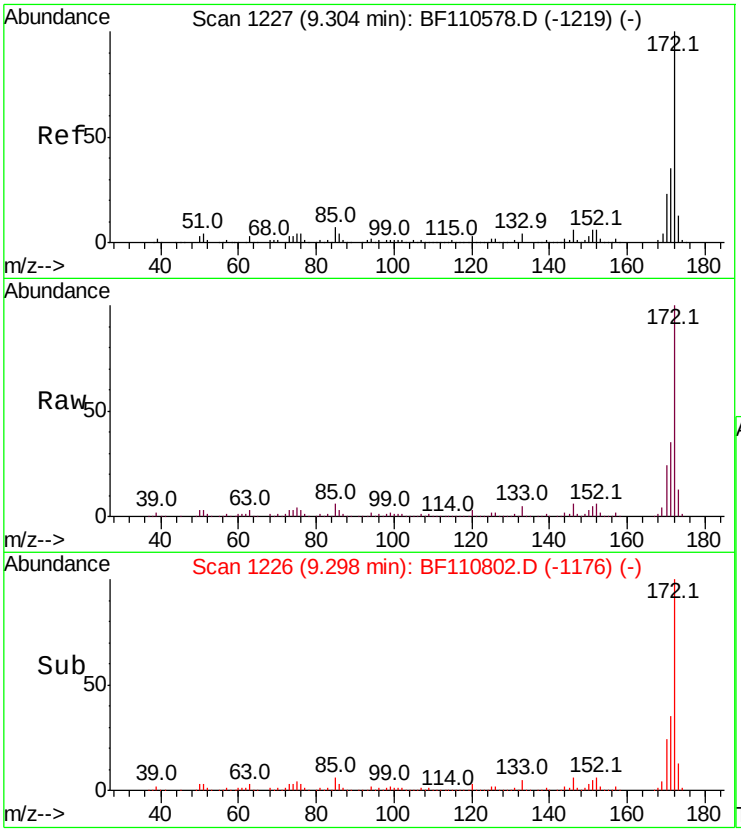


#42
2,4,6-Tribromophenol
Concen: 125.407 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:330 Resp: 120842

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	38.9	27.0	40.4



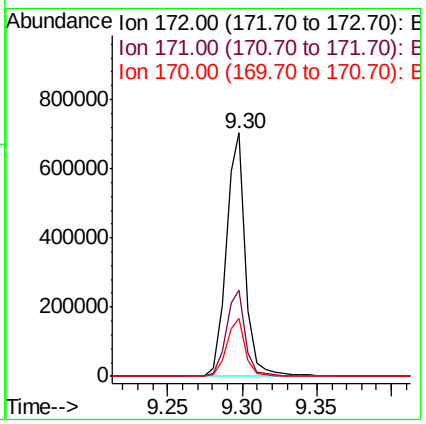


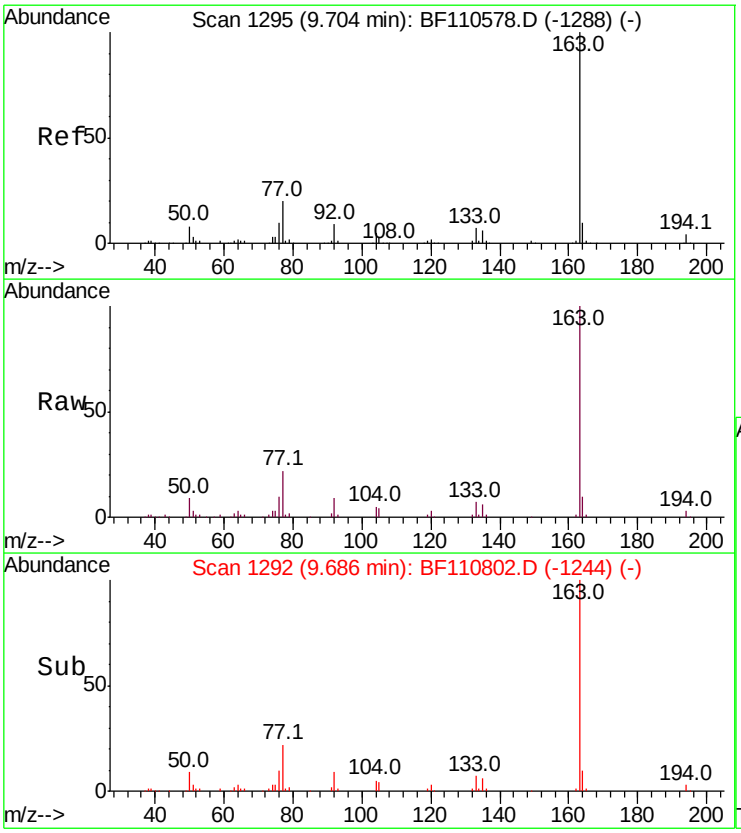
#45
2-Fluorobiphenyl
Concen: 95.634 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 640368

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.6	19.7	29.5

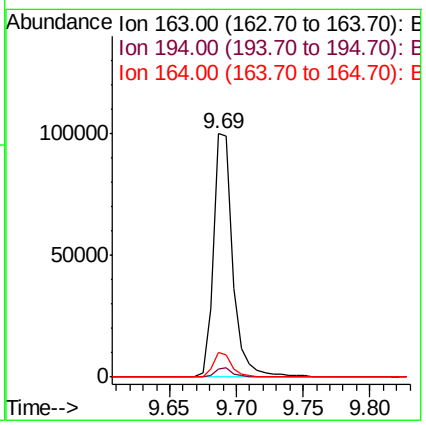


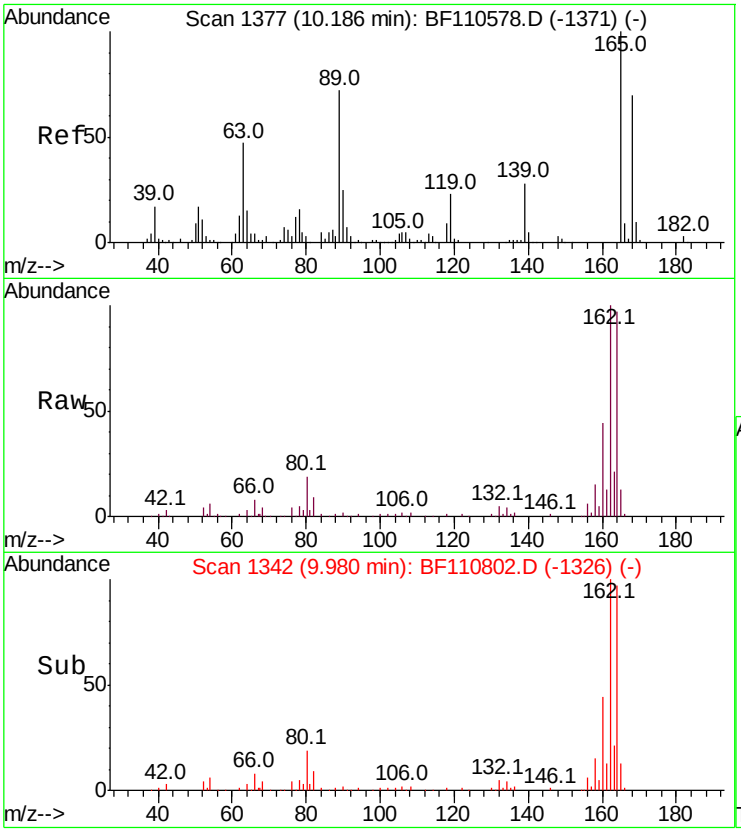


#50
Dimethylphthalate
Concen: 14.396 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:163 Resp: 102729

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.0	8.1	12.1



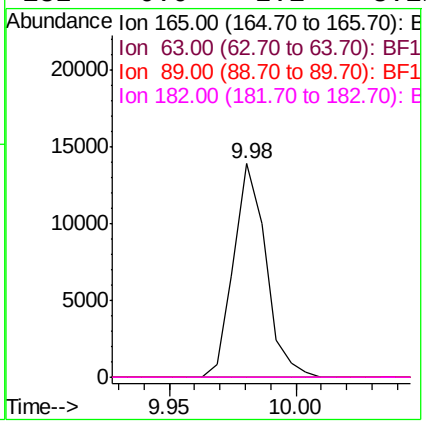


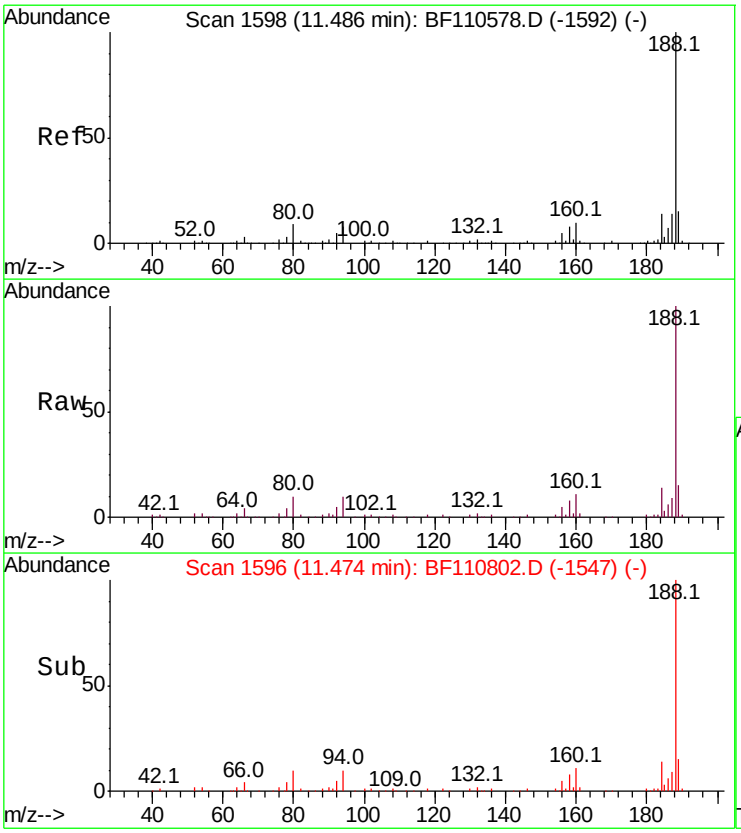
#57
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12352

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#

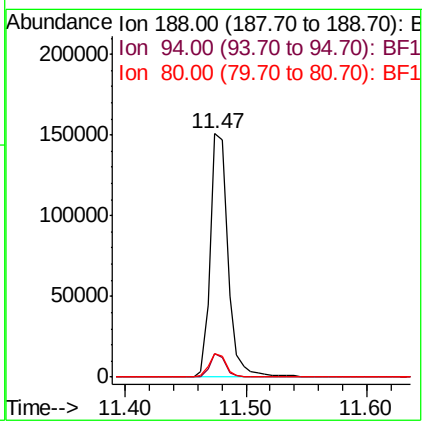


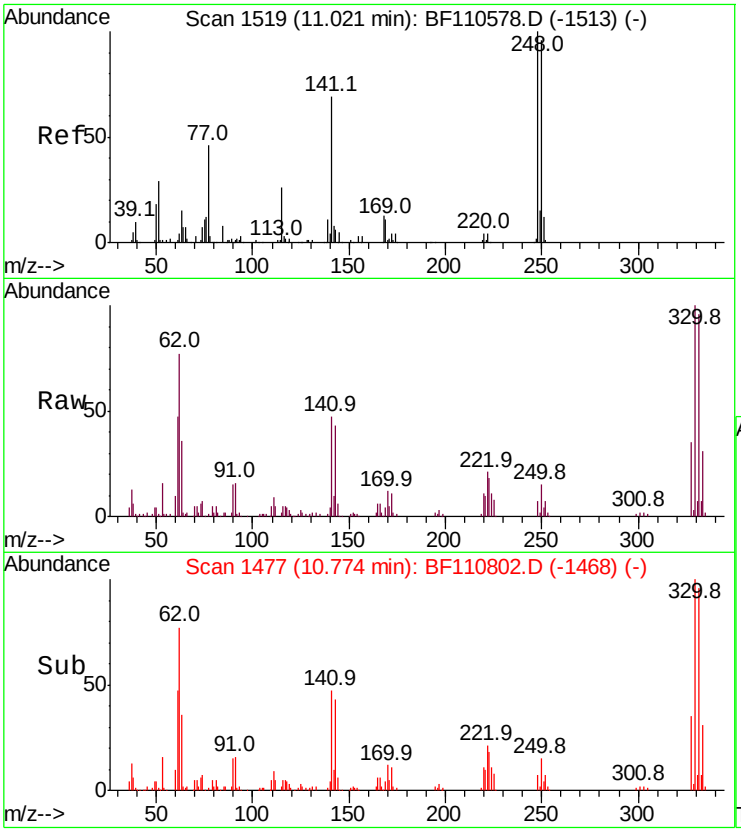


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:188 Resp: 151663

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	9.6	7.9	11.9



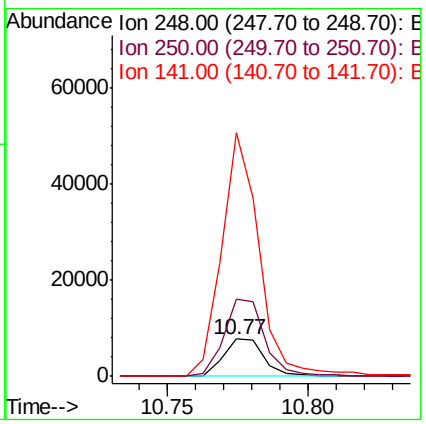


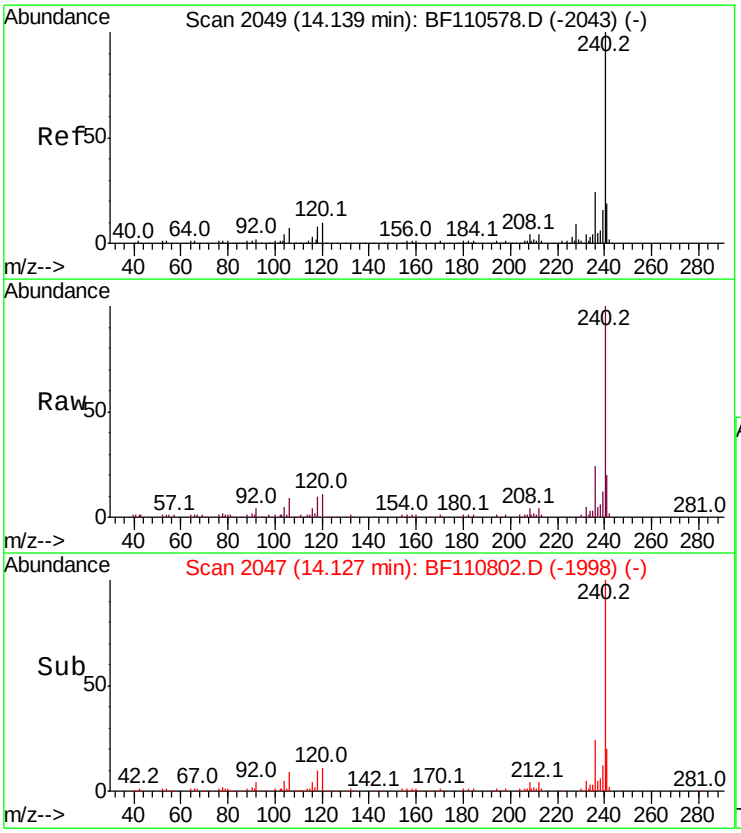
#67
4-Bromophenyl-phenylether
Concen: 4.559 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7641

Ion	Ratio	Lower	Upper
248	100		
250	206.1	79.4	119.2#
141	649.7	55.9	83.9#

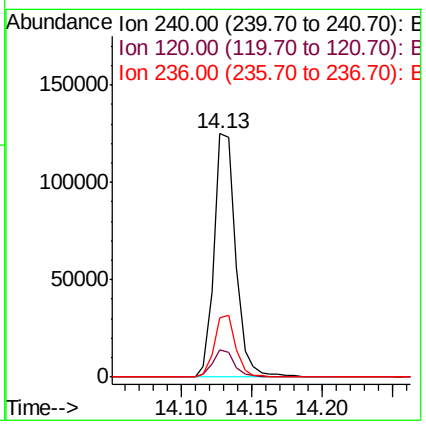


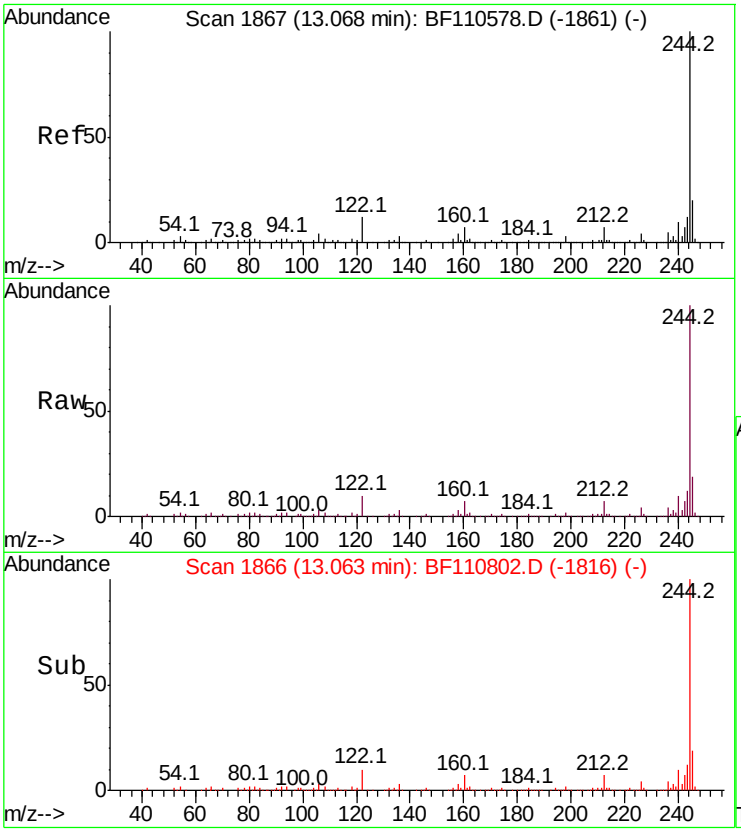


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:240 Resp: 133853

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	24.1	21.2	31.8



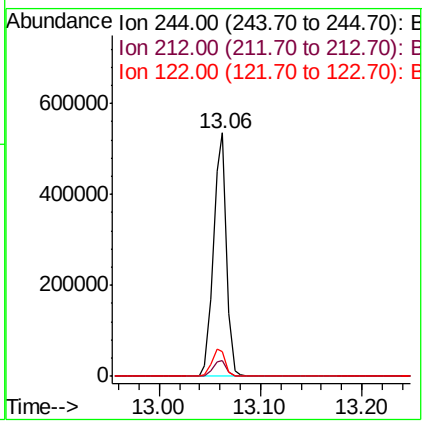


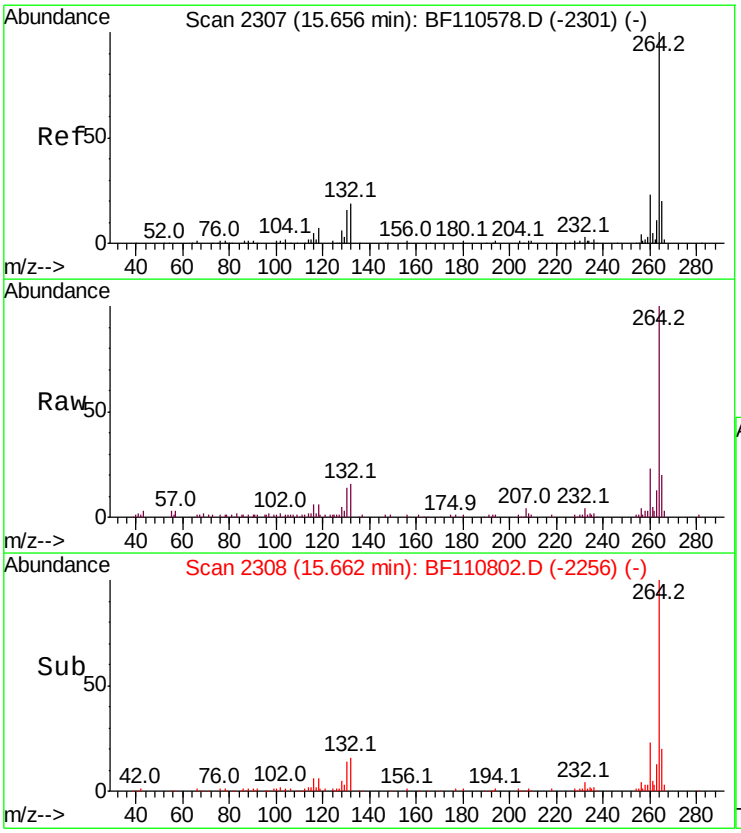
#79
Terphenyl-d14
Concen: 66.497 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 475279

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.1	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: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:264 Resp: 96102

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.4	16.7	25.1