Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
Data File : BF113554.D
Acq On : 3 Apr 2019 20:16
Operator : JU/SJ
Sample : K2213-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 04 04:26:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121711	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	422673	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	175853	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	326929	20.00	ng		0.00
76) Chrysene-d12	13.84	240	317124	20.00	ng		0.00
87) Perylene-d12	15.25	264	279469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	784446	109.90	ng		0.00
7) Phenol-d6	6.33	99	986383	112.13	ng		0.00
23) Nitrobenzene-d5	7.25	82	582116	80.67	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	232867	110.24	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	969318	88.74	ng		0.00
79) Terphenyl-d14	12.79	244	943115	60.55	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	74115	13.663	ng	#	74
25) Isophorone	7.25	82	582113	41.877	ng	#	64
50) Dimethylphthalate	9.44	163	65520	5.054	ng		99
51) 2,6-Dinitrotoluene	9.72	165	22304	7.806	ng	#	26
57) 2,4-Dinitrotoluene	9.72	165	22304	6.454	ng	#	23
67) 4-Bromophenyl-phenylether	10.51	248	12642	3.448	ng	#	1
75) Fluoranthene	12.42	202	68973	3.962	ng		98
78) Pyrene	12.64	202	71168	2.949	ng		99
81) Benzo(a)anthracene	13.83	228	48863	2.671	ng		99
83) Chrysene	13.86	228	56627	3.054	ng		98
88) Benzo(b)fluoranthene	14.85	252	86391	5.050	ng	#	95
89) Benzo(k)fluoranthene	14.85	252	86367	5.625	ng	#	94

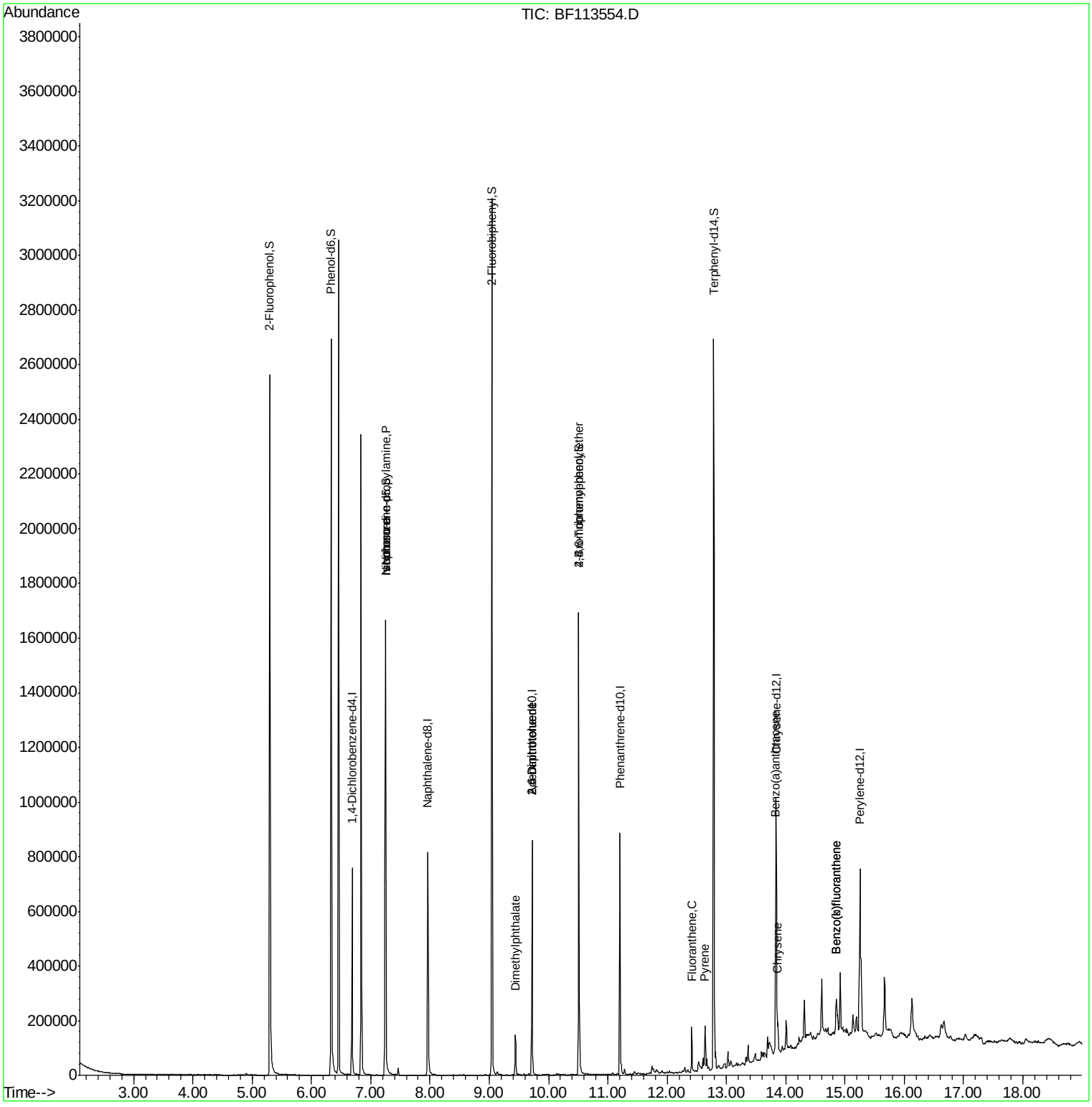
(#) = qualifier out of range (m) = manual integration (+) = signals summed

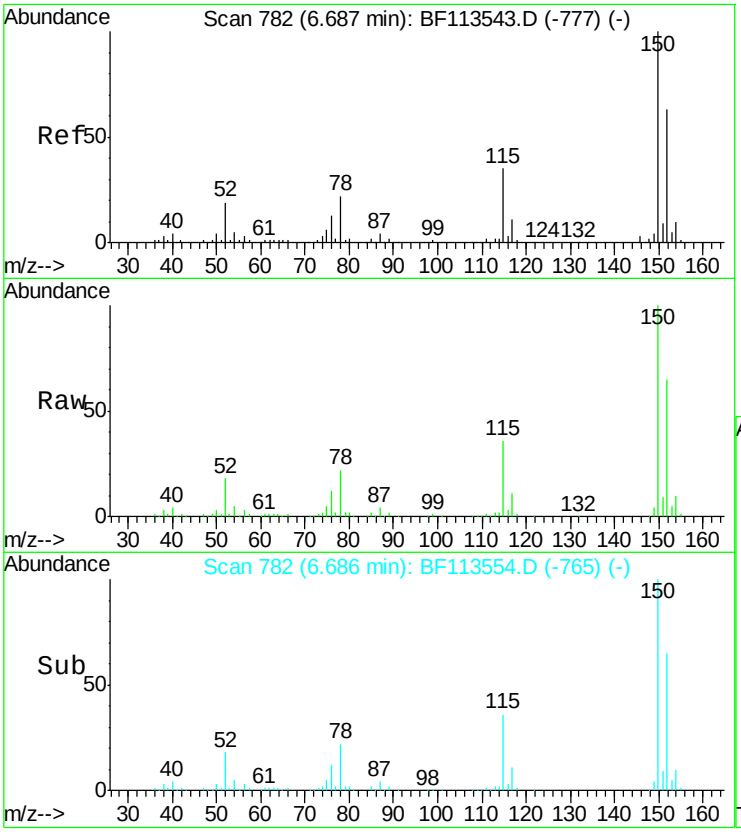
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
Data File : BF113554.D
Acq On : 3 Apr 2019 20:16
Operator : JU/SJ
Sample : K2213-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 04 04:26:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



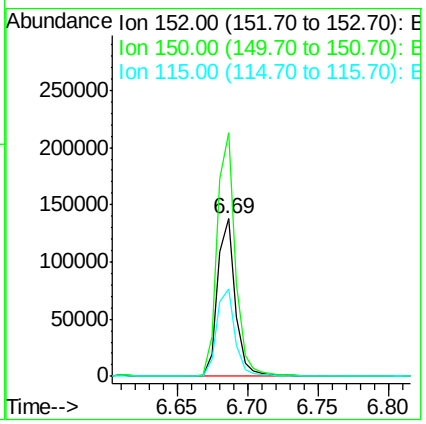


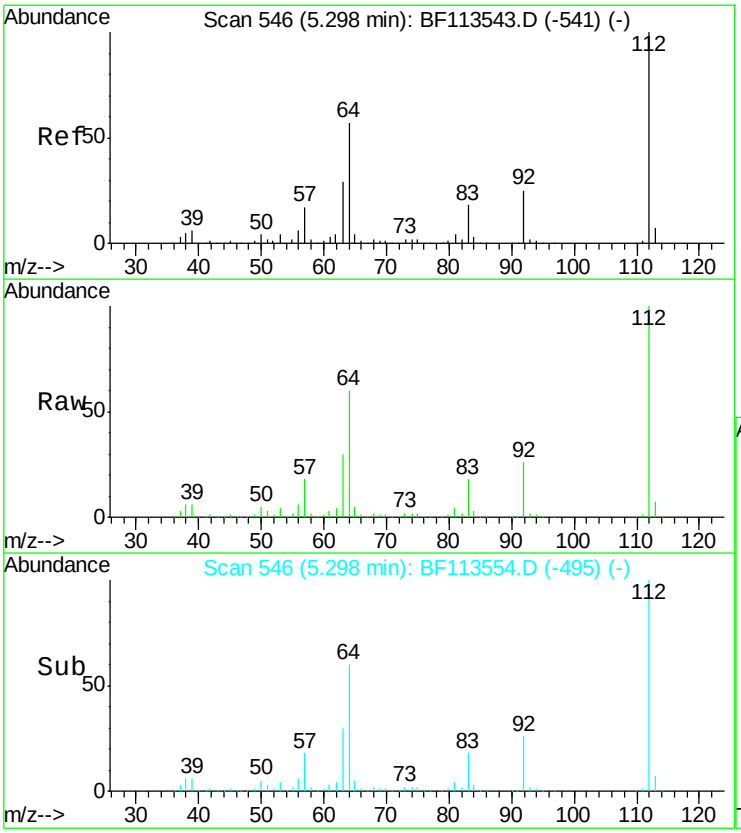
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121711

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.7	187.1
115	55.1	46.0	69.0

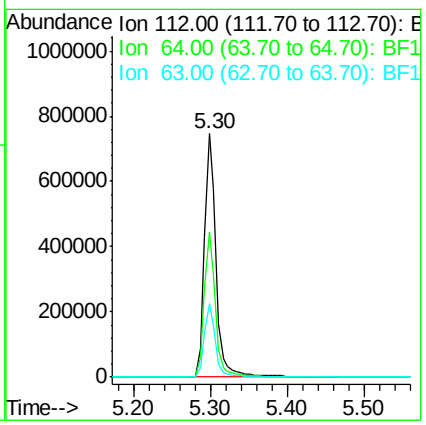


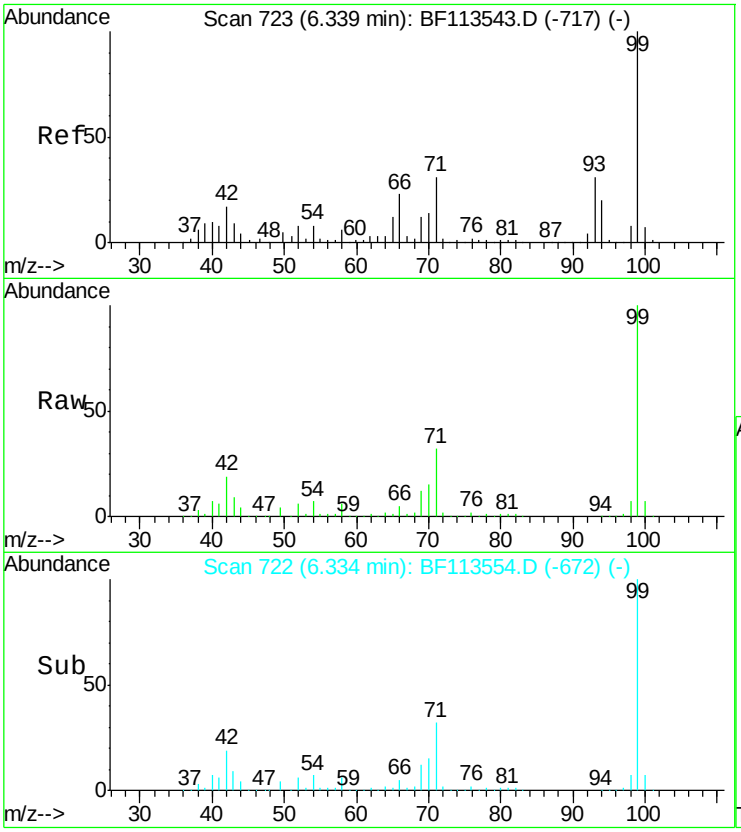


#5
2-Fluorophenol
Concen: 109.905 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:112 Resp: 784446

Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.2	73.8
63	30.4	24.9	37.3



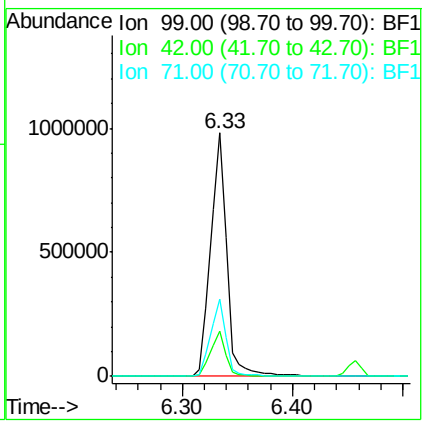


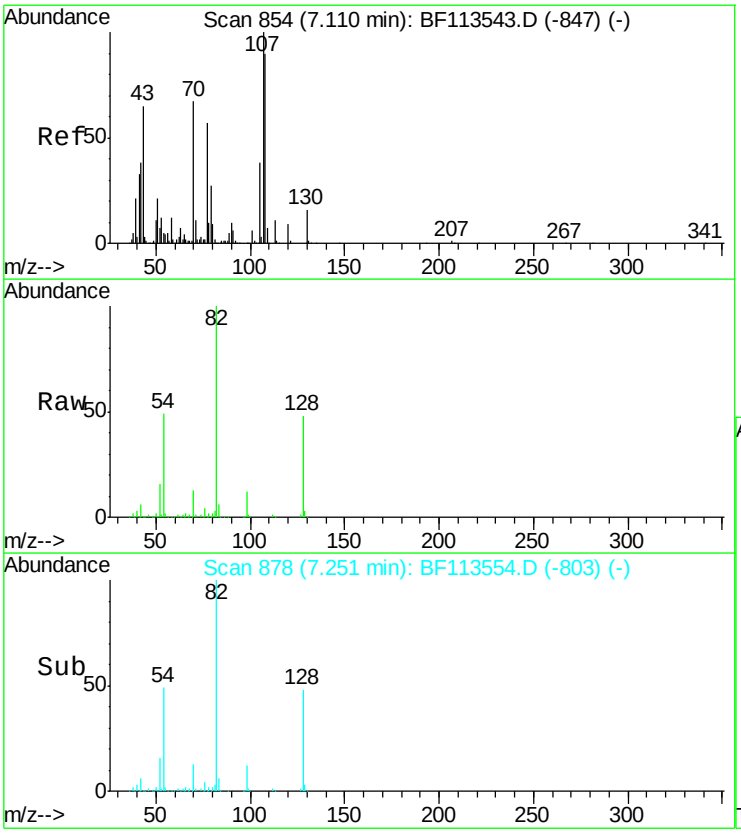
#7
Phenol-d6
Concen: 112.127 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 986383

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	31.9	24.9	37.3

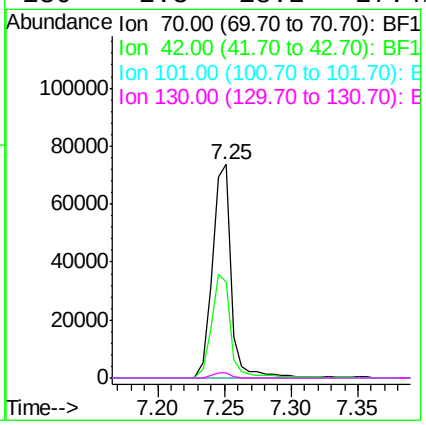


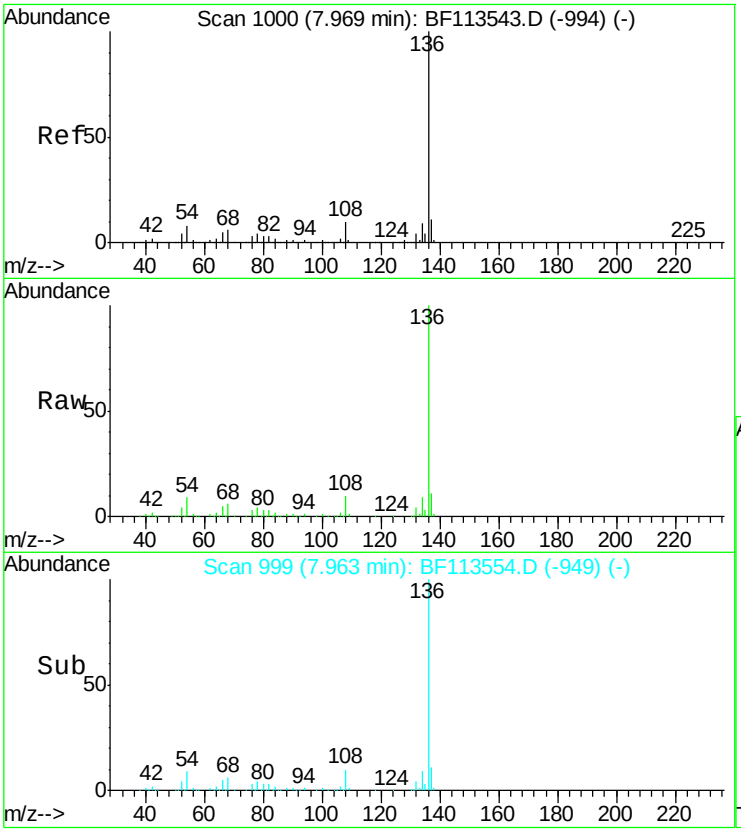


#19
n-Nitroso-di-n-propylamine
Concen: 13.663 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.14 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion: 70 Resp: 74115

Ion	Ratio	Lower	Upper
70	100		
42	45.2	48.4	72.6#
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



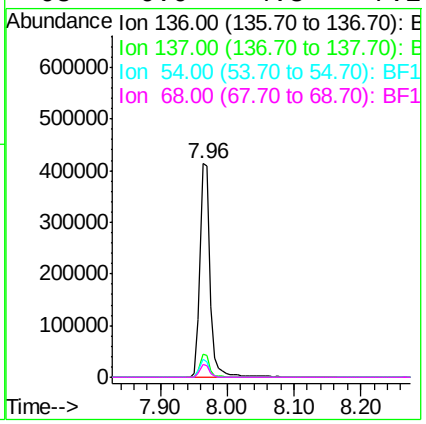


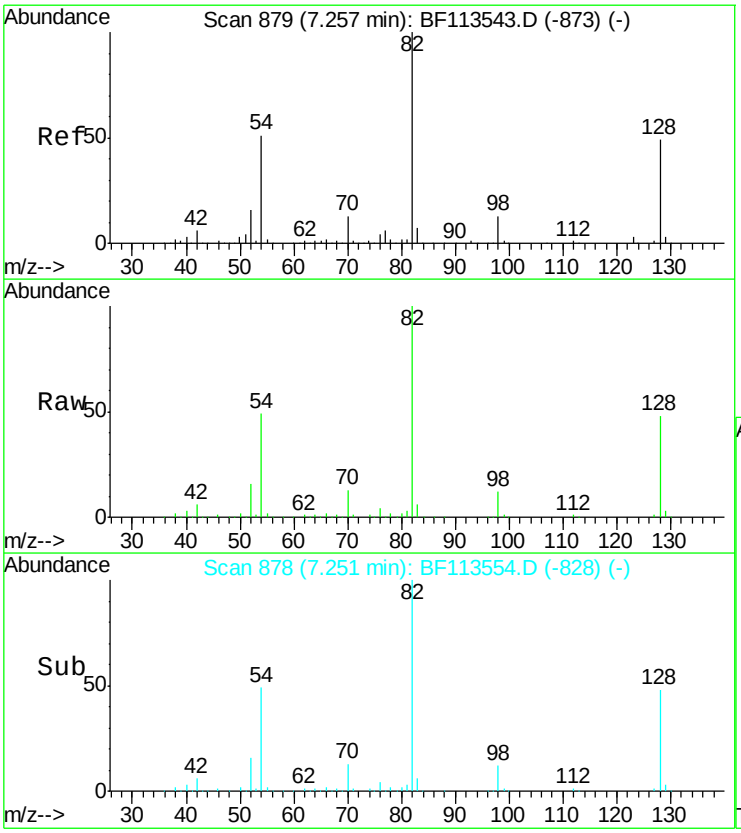
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 422673

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.0	10.6
68	6.0	4.8	7.2

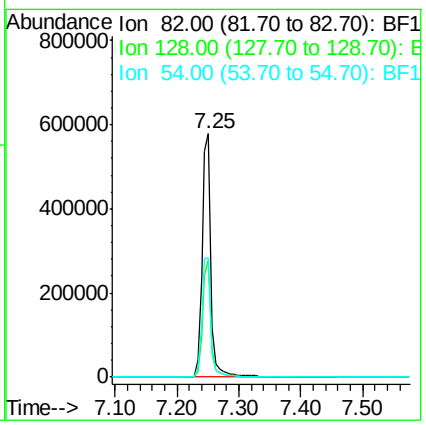


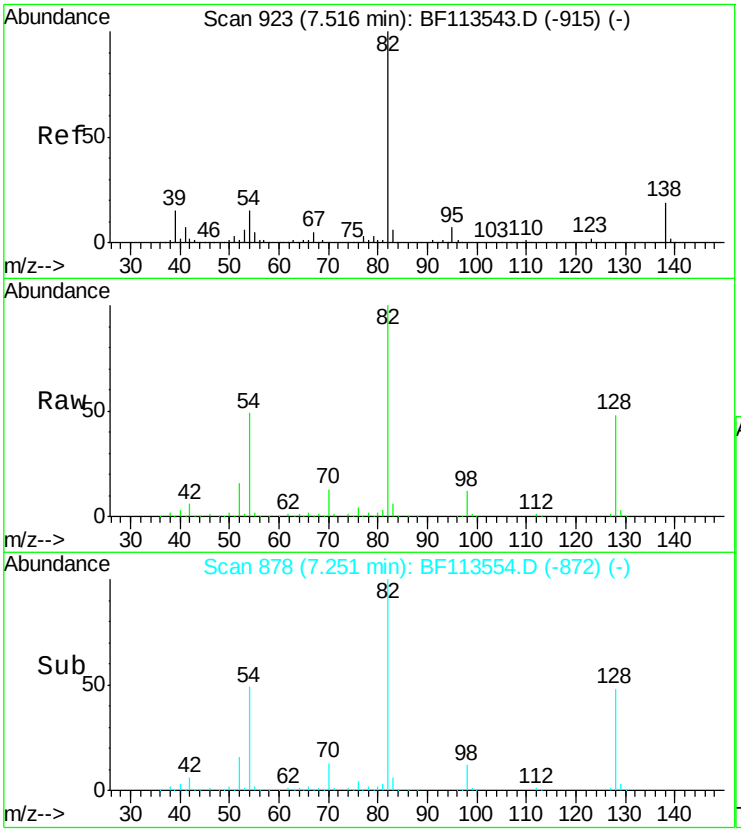


#23
Nitrobenzene-d5
Concen: 80.671 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion: 82 Resp: 582116

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.5	54.7
54	49.3	42.2	63.2



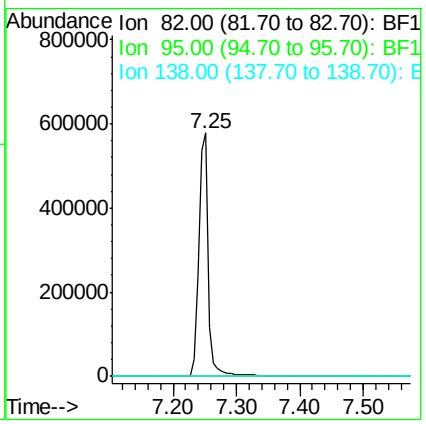


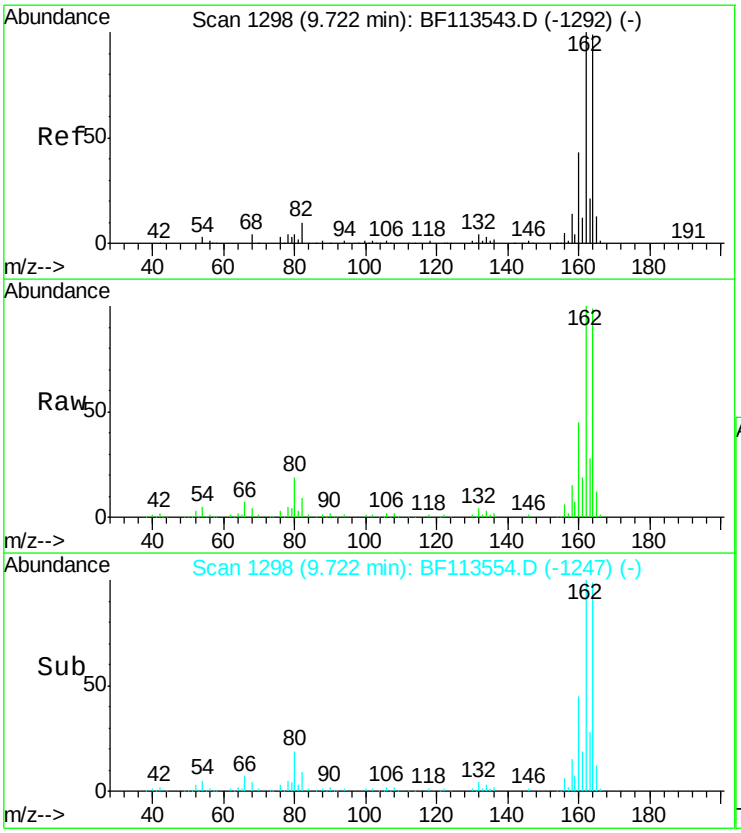
#25
Isophorone
Concen: 41.877 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 582113

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

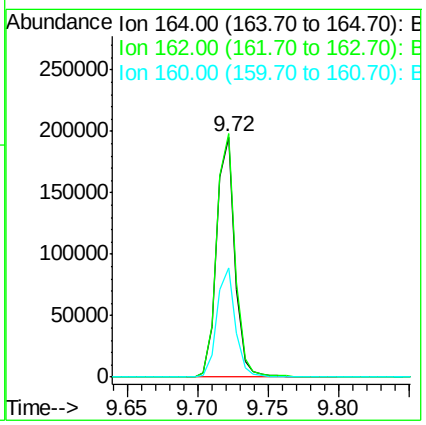


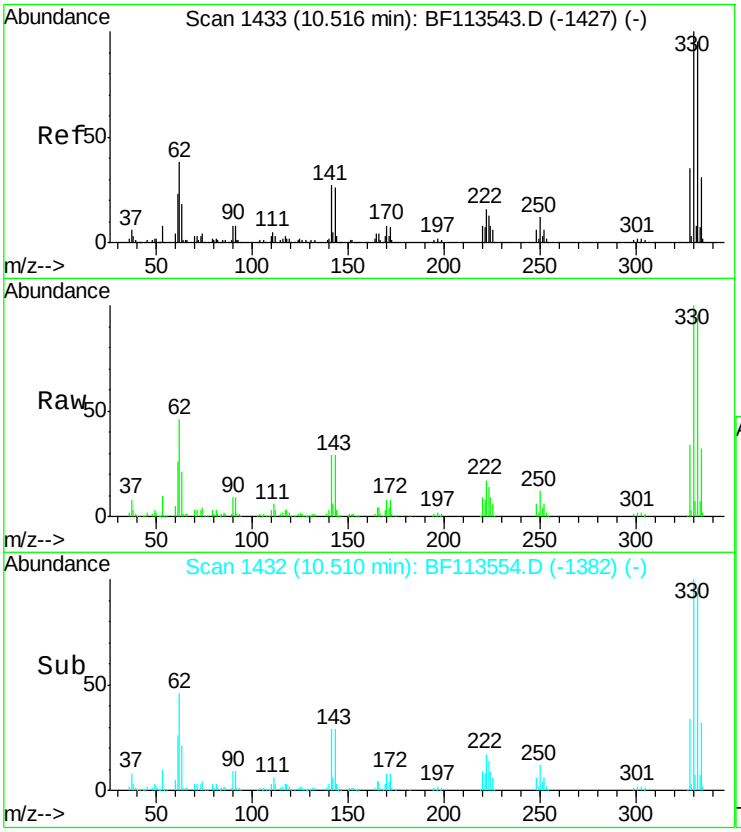


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:164 Resp: 175853

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	45.3	36.4	54.6



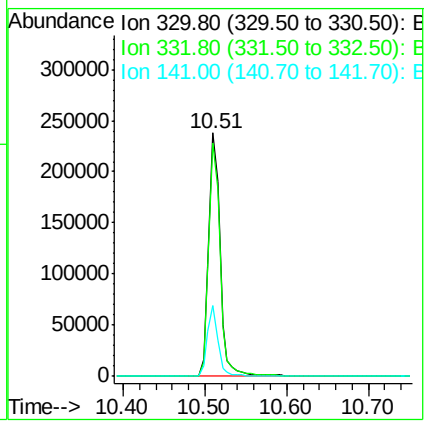


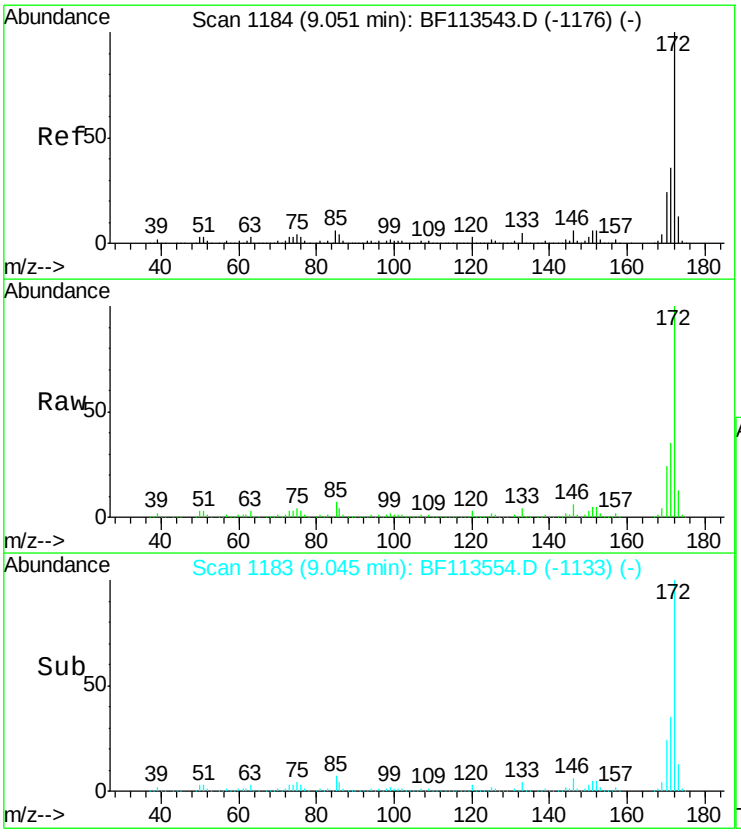
#42
2,4,6-Tribromophenol
Concen: 110.237 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 232867

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	27.4	22.7	34.1

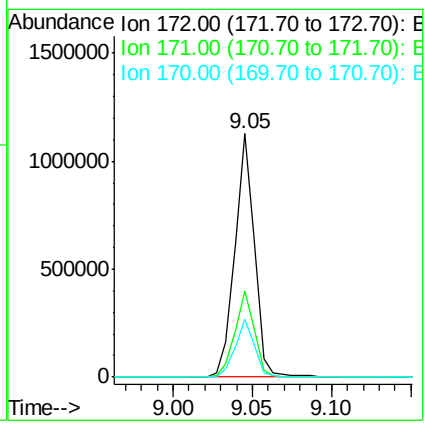


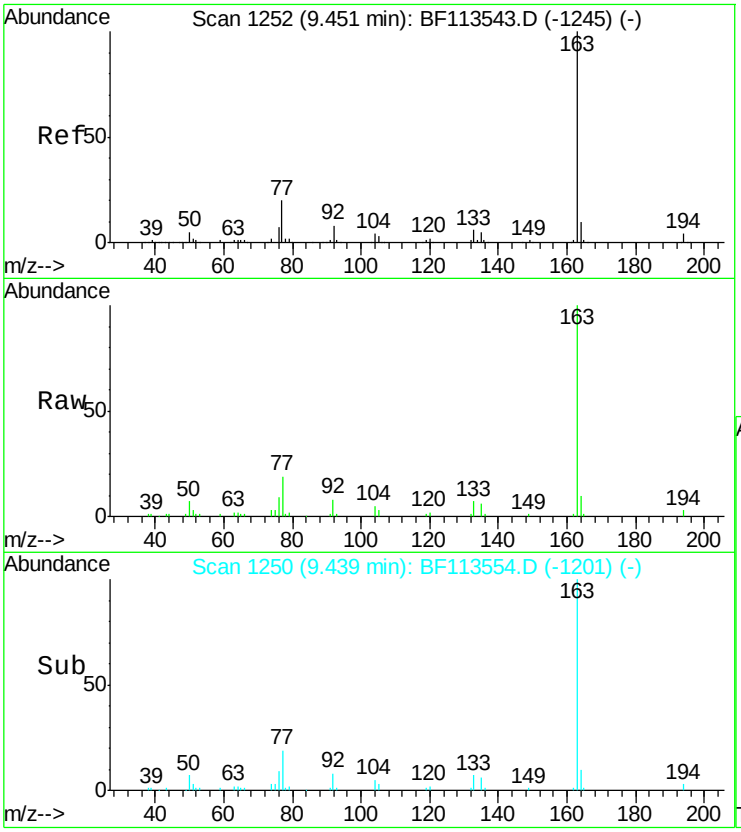


#45
2-Fluorobiphenyl
Concen: 88.739 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:172 Resp: 969318

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	24.0	19.5	29.3



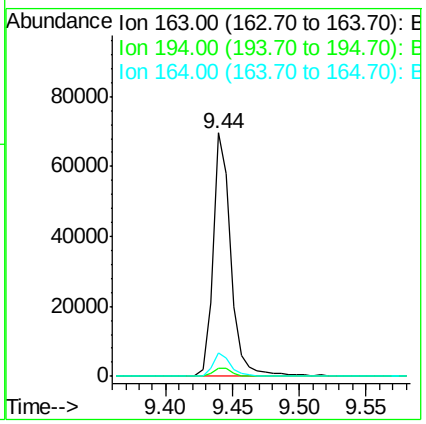


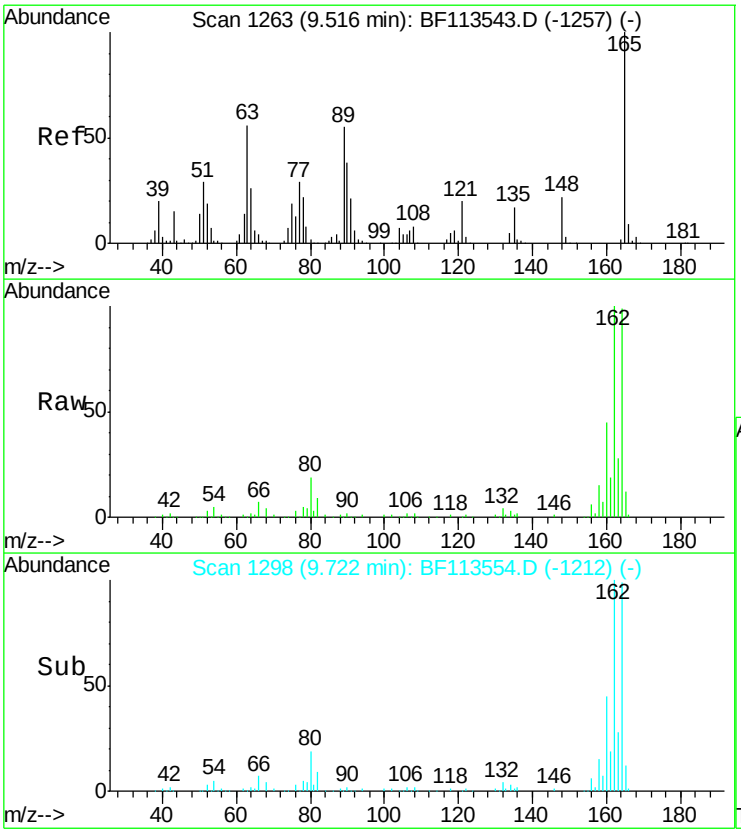
#50
Dimethylphthalate
Concen: 5.054 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 65520

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.8	8.1	12.1

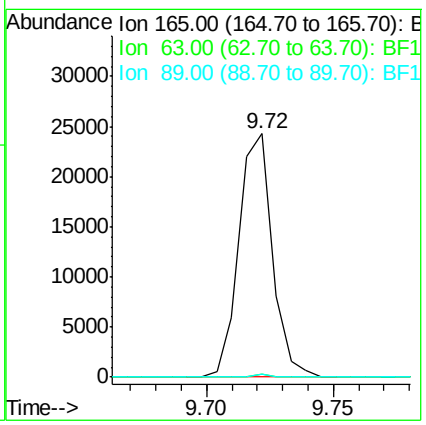


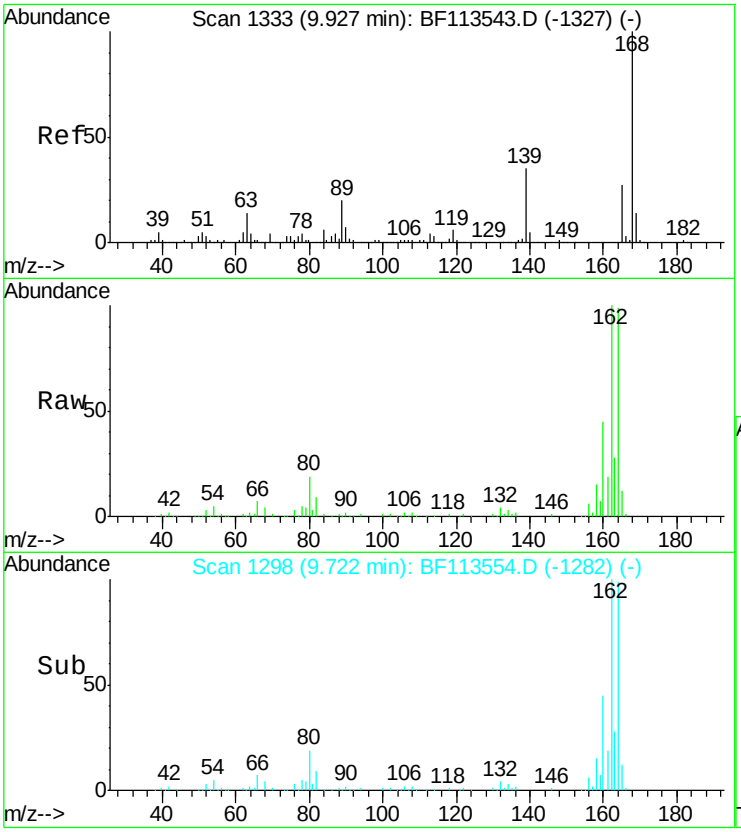


#51
2,6-Dinitrotoluene
Concen: 7.806 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.21 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:165 Resp: 22304

Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.5	43.1	64.7#



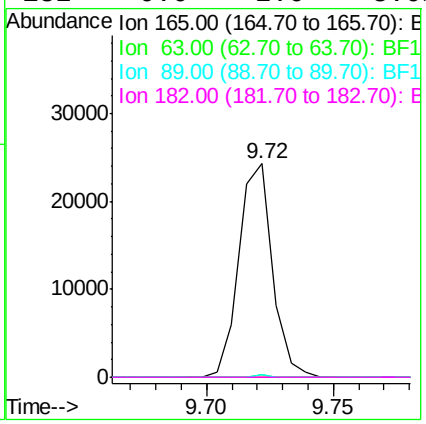


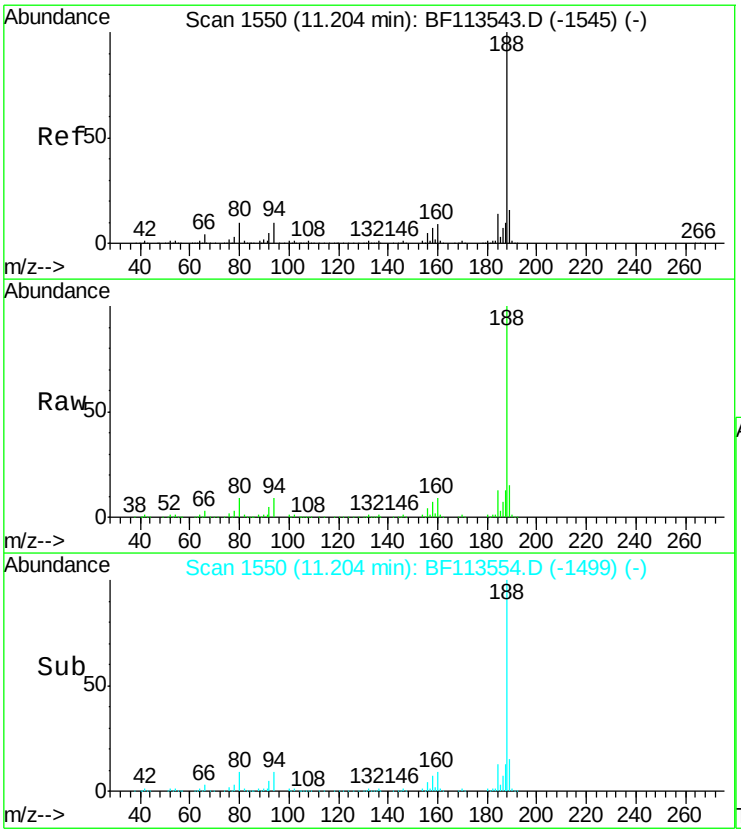
#57
2,4-Dinitrotoluene
Concen: 6.454 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22304

Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#

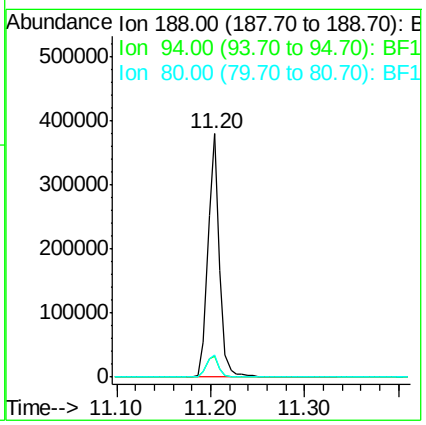


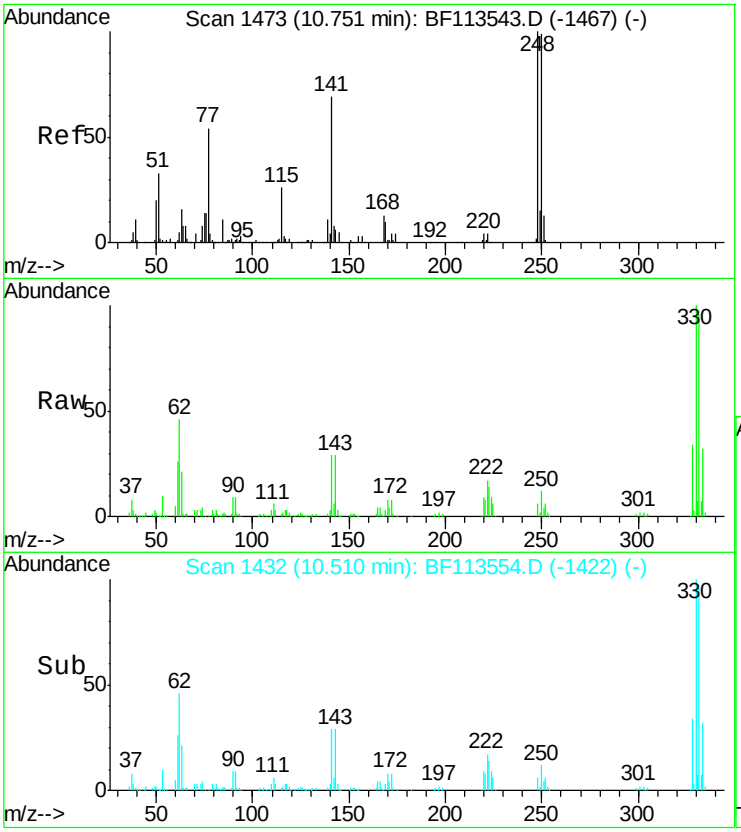


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:188 Resp: 326929

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.1	7.7	11.5



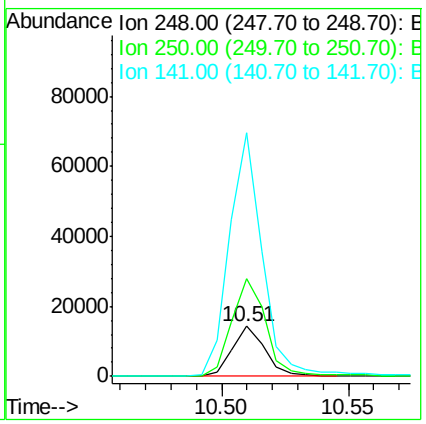


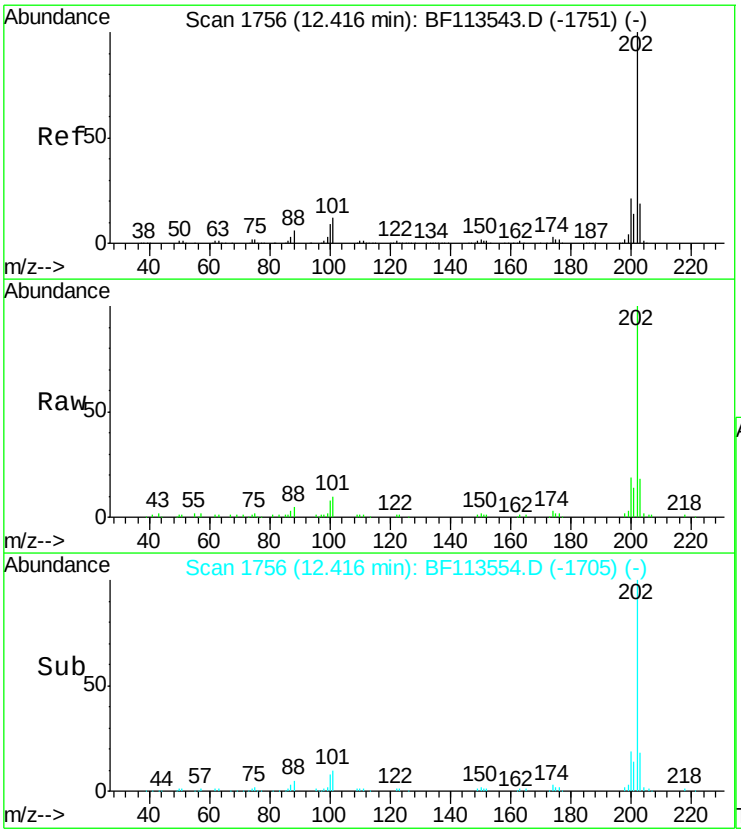
#67
4-Bromophenyl-phenylether
Concen: 3.448 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12642

Ion	Ratio	Lower	Upper
248	100		
250	194.5	78.3	117.5#
141	486.0	56.2	84.4#

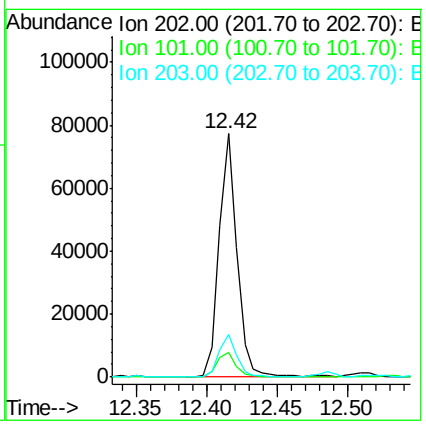


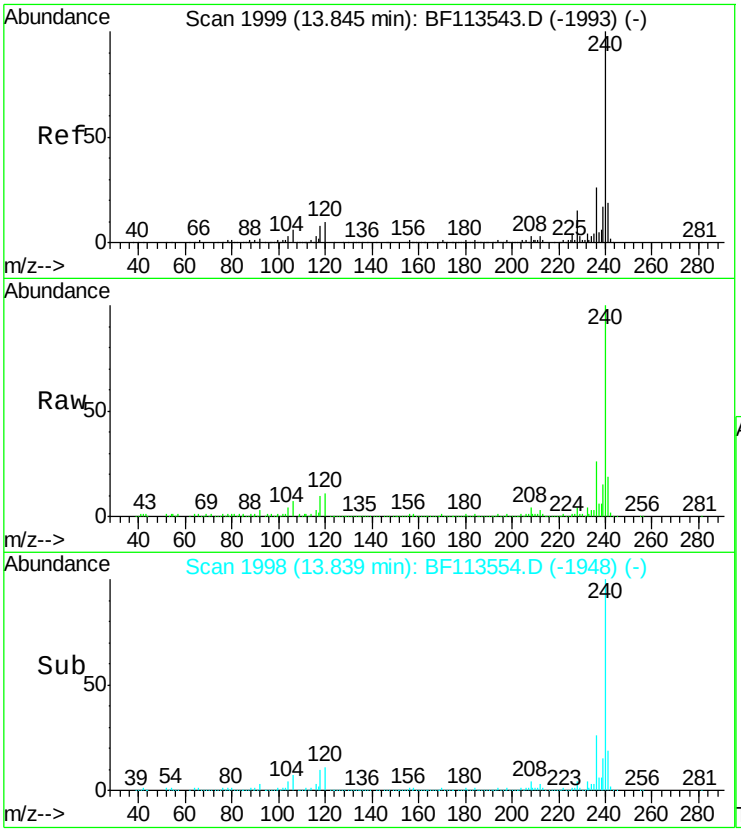


#75
Fluoranthene
Concen: 3.962 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:202 Resp: 68973

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.7	0.0	38.0



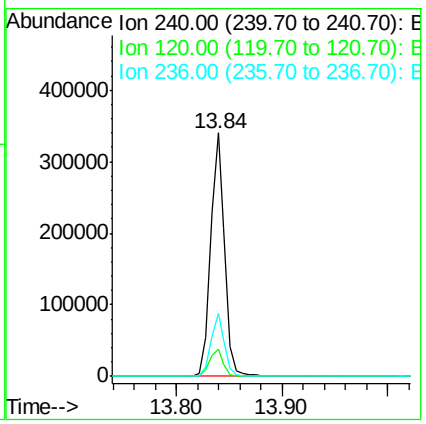


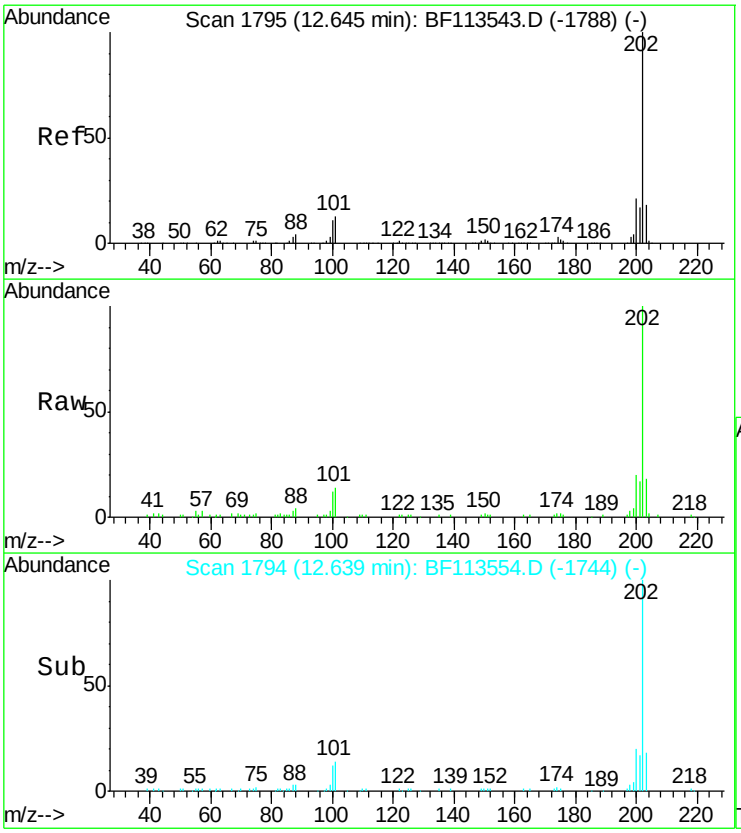
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 317124

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.8	13.2
236	26.1	20.9	31.3

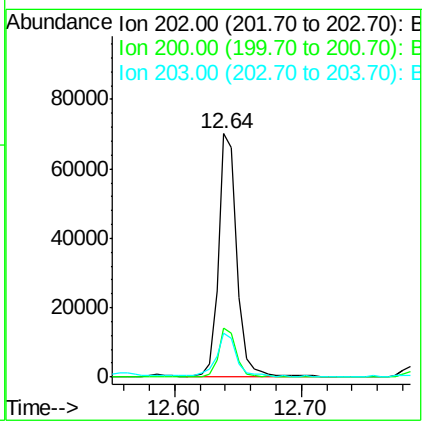


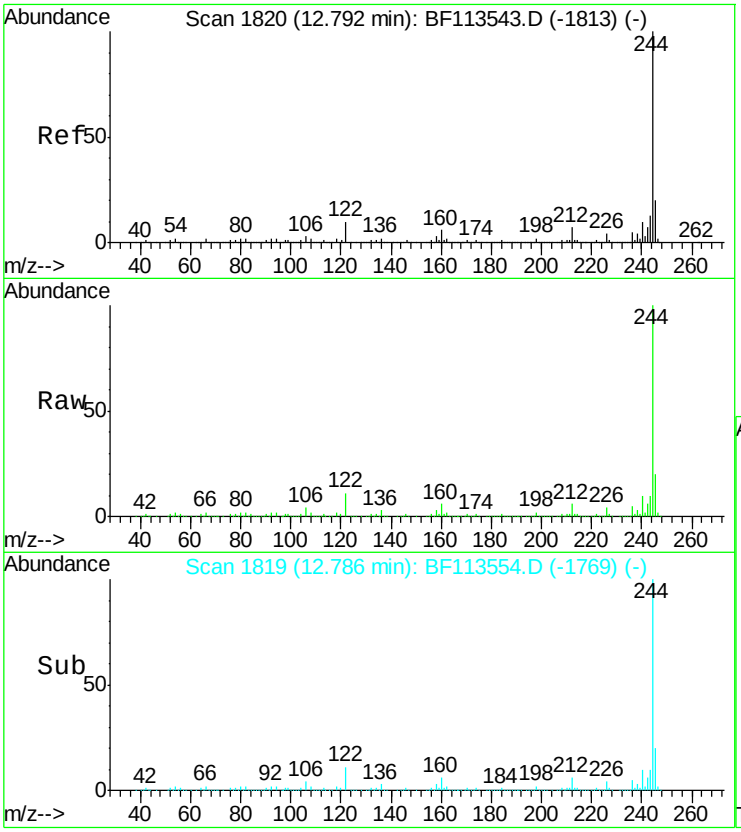


#78
Pyrene
Concen: 2.949 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:202 Resp: 71168

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	18.0	14.4	21.6



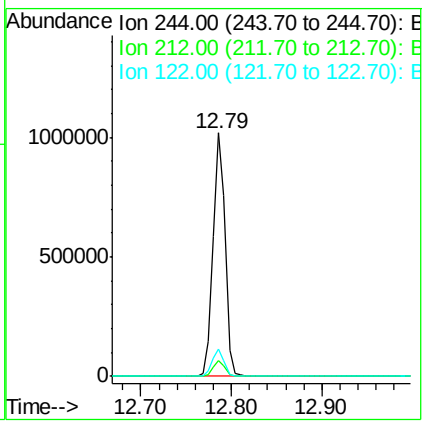


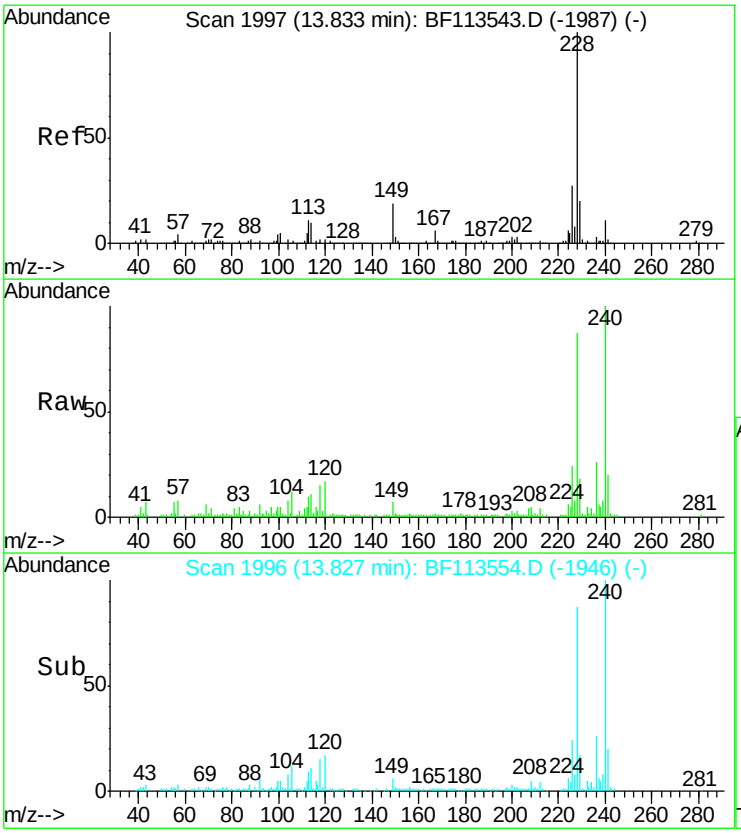
#79
Terphenyl-d14
Concen: 60.550 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 943115

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	11.1	8.6	13.0

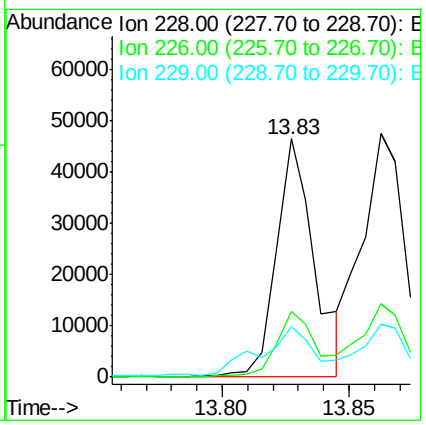


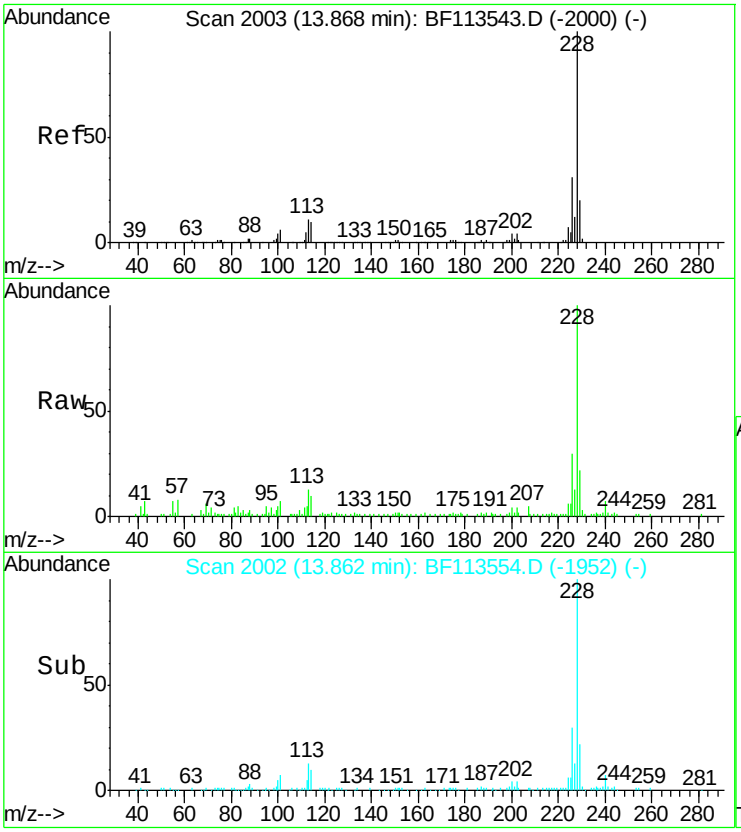


#81
Benzo(a)anthracene
Concen: 2.671 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:228 Resp: 48863

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	21.0	16.2	24.4



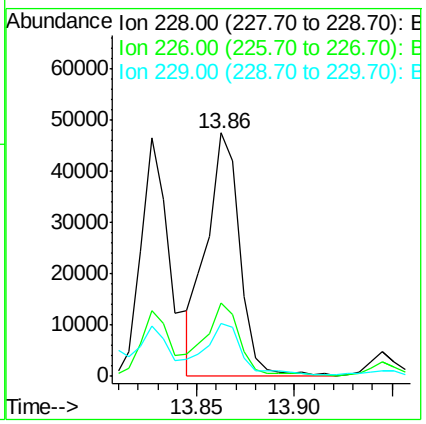


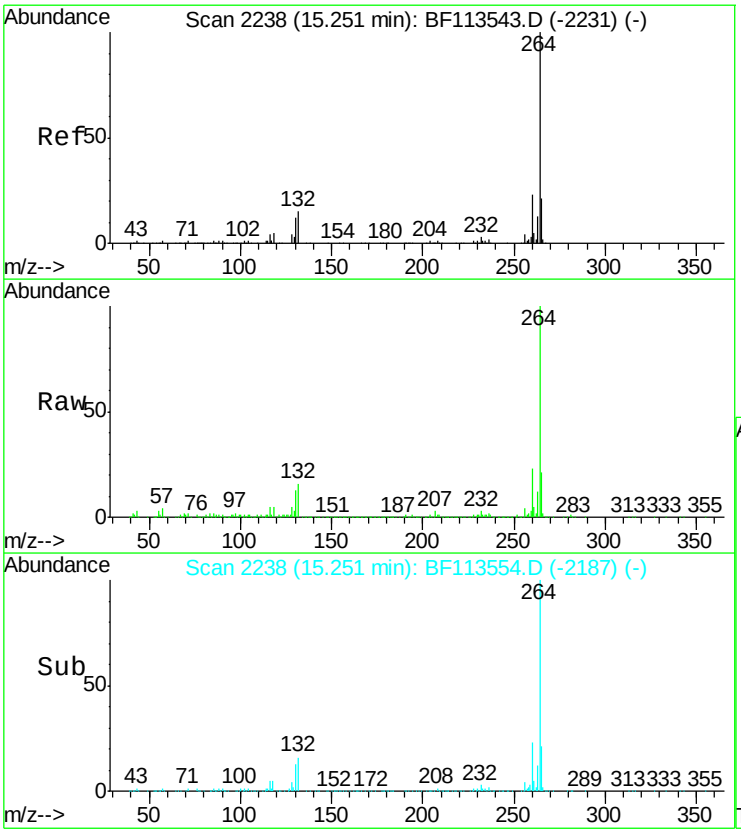
#83
Chrysene
Concen: 3.054 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 56627

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	21.8	16.3	24.5

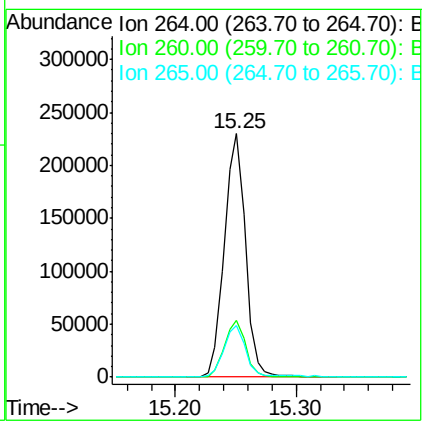


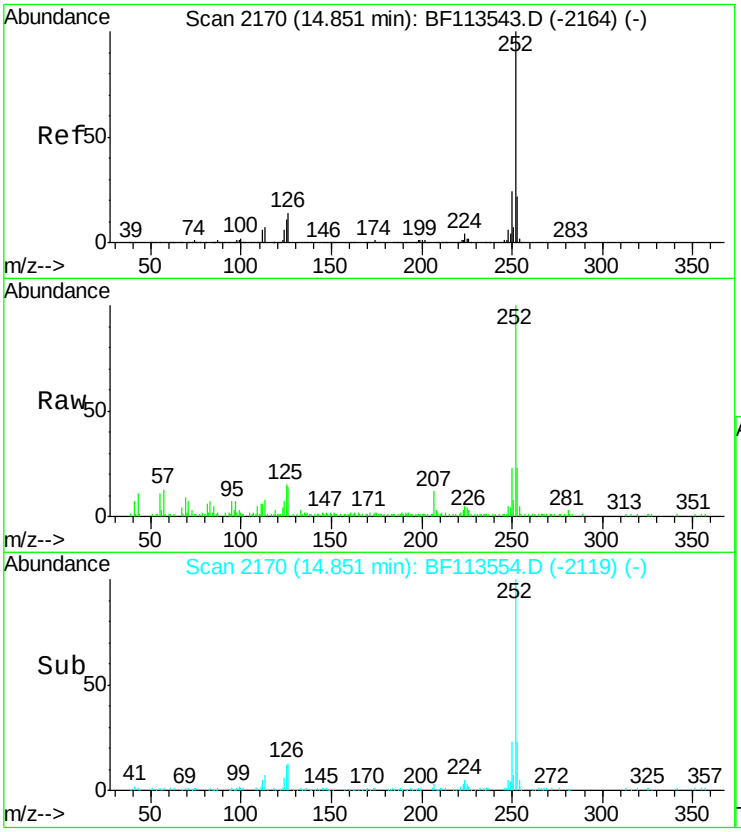


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:264 Resp: 279469

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.2	17.1	25.7



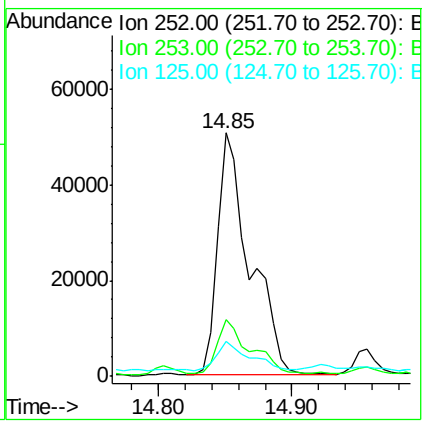


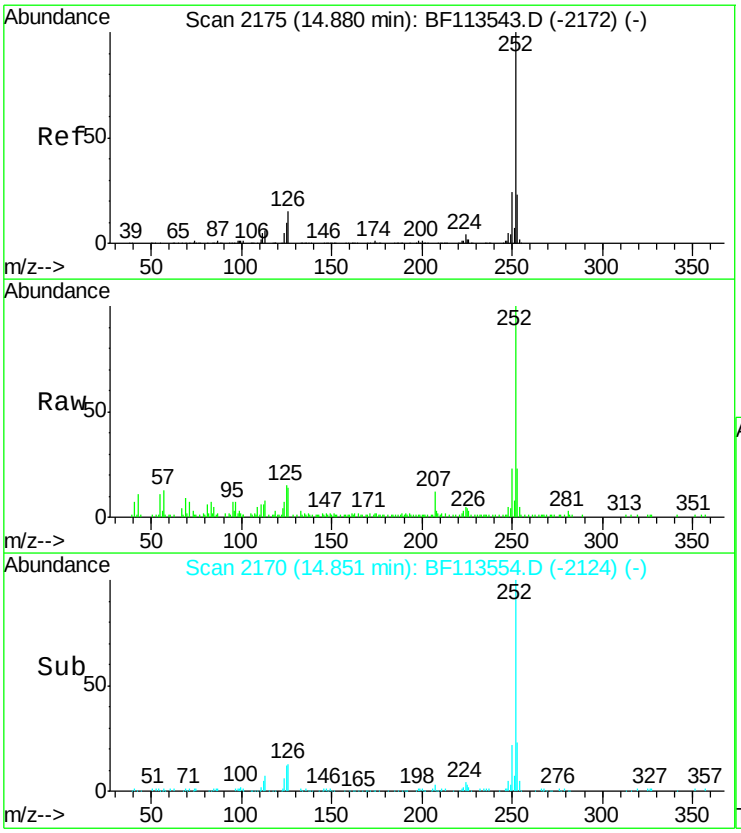
#88
Benzo(b)fluoranthene
Concen: 5.050 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86391

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.5	7.6	11.4#





#89
Benzo(k)fluoranthene
Concen: 5.625 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion:252 Resp: 86367

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	14.5	7.3	10.9#