Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111712.D
Acq On : 26 Dec 2018 13:29
Operator : JU/SJ
Sample : J6498-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 26 15:25:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 26 13:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176990	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	666056	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	333013	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	609972	20.00	ng		0.00
76) Chrysene-d12	14.06	240	468856	20.00	ng		-0.01
87) Perylene-d12	15.54	264	446700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1023507	98.57	ng		0.00
7) Phenol-d6	6.54	99	1327933	100.49	ng		0.00
23) Nitrobenzene-d5	7.46	82	842212	73.60	ng		-0.01
42) 2,4,6-Tribromophenol	10.73	330	396639	100.80	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1550385	67.86	ng		0.00
79) Terphenyl-d14	13.01	244	1518302	61.41	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.55	94	98510	6.607	ng		97
19) n-Nitroso-di-n-propylamine	7.46	70	114706	13.070	ng	#	81
25) Isophorone	7.46	82	842202	41.459	ng	#	64
50) Dimethylphthalate	9.65	163	225649	9.266	ng		97
57) 2,4-Dinitrotoluene	9.94	165	44082	7.553	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.72	198	715	6.937	ng	#	1
67) 4-Bromophenyl-phenylether	10.73	248	23835	3.150	ng	#	1
75) Fluoranthene	12.63	202	81209	2.479	ng		94
78) Pyrene	12.86	202	80134	2.420	ng		93
88) Benzo(b)fluoranthene	15.10	252	75483	2.891	ng	#	93
89) Benzo(k)fluoranthene	15.10	252	75483	3.037	ng	#	93

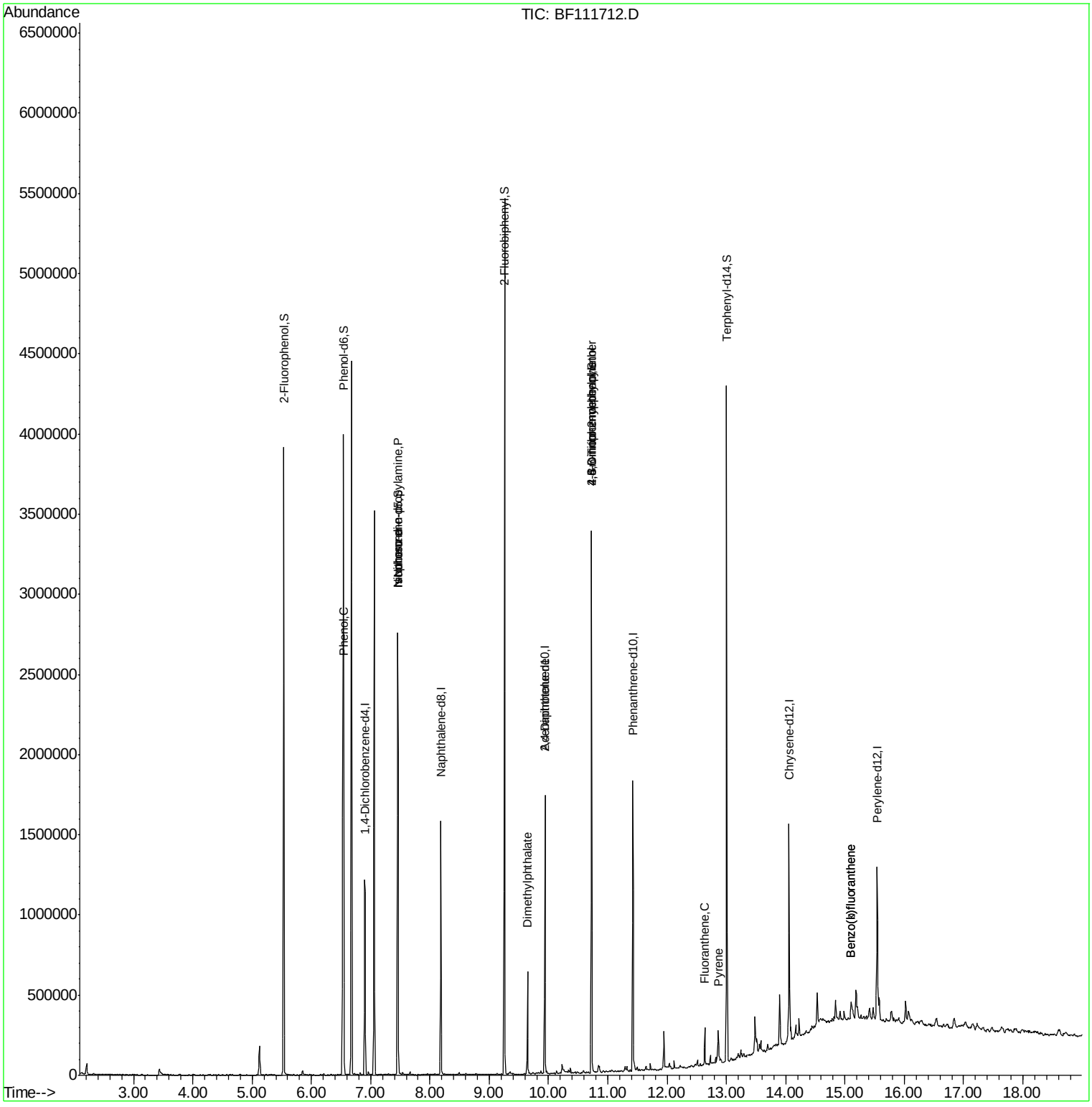
(#) = qualifier out of range (m) = manual integration (+) = signals summed

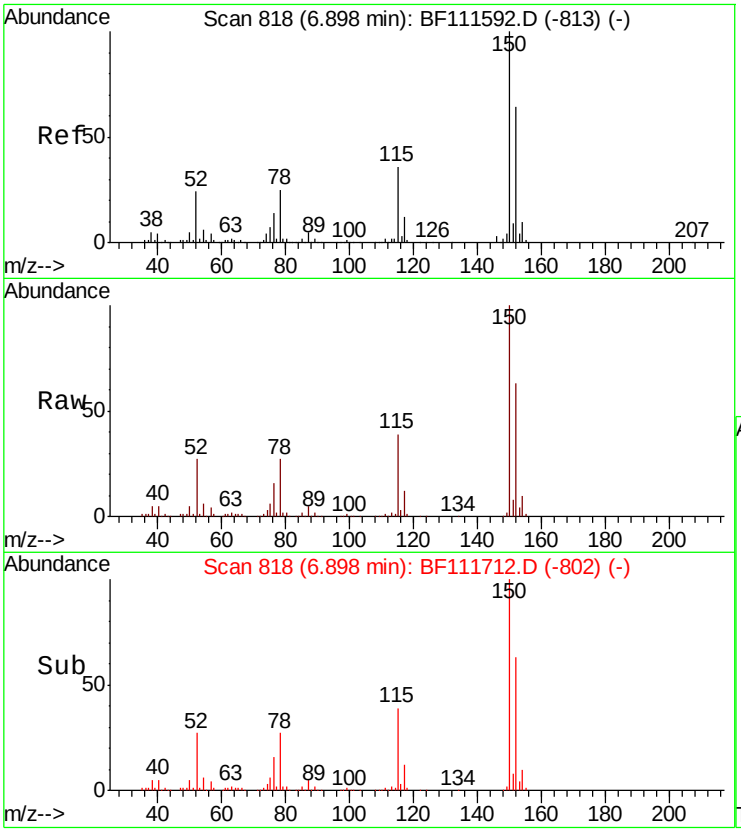
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111712.D
Acq On : 26 Dec 2018 13:29
Operator : JU/SJ
Sample : J6498-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 26 15:25:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 26 13:36:07 2018
Response via : Initial Calibration



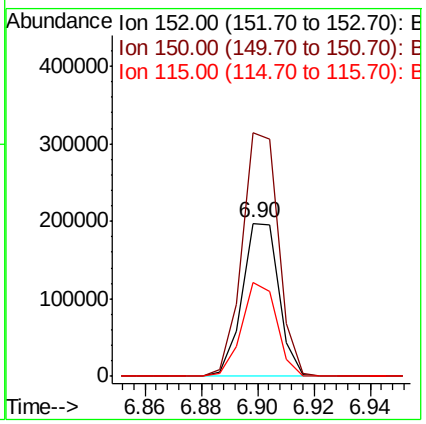


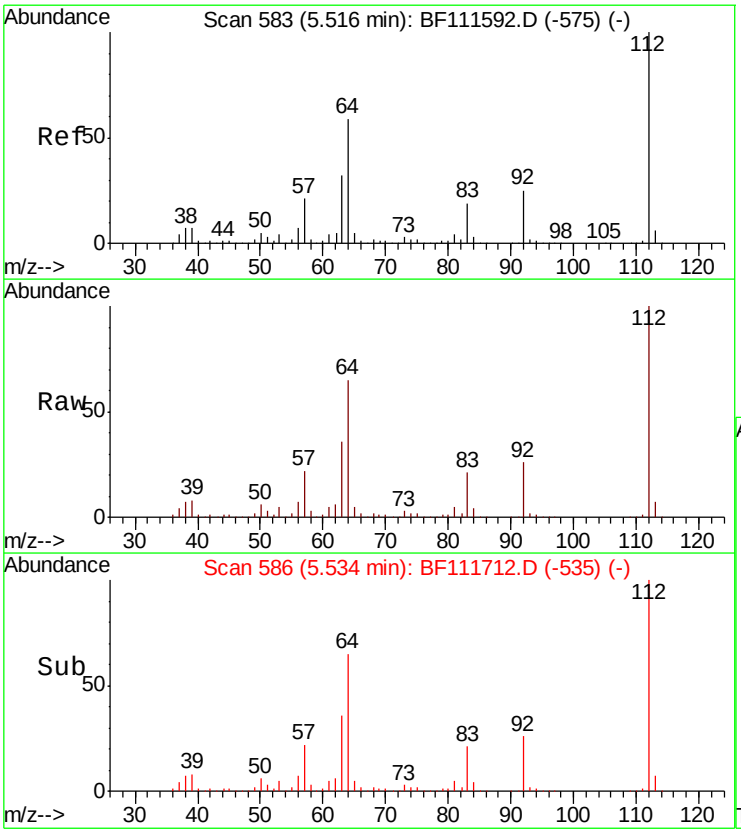
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 176990

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	189.8
115	61.5	50.7	76.1

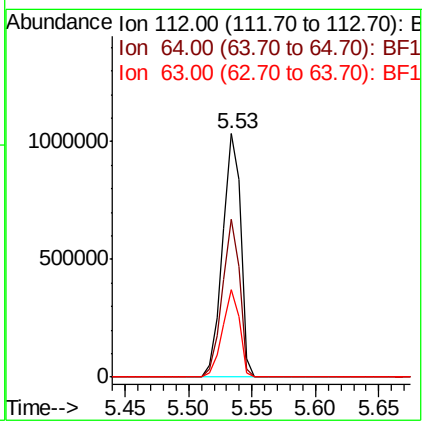


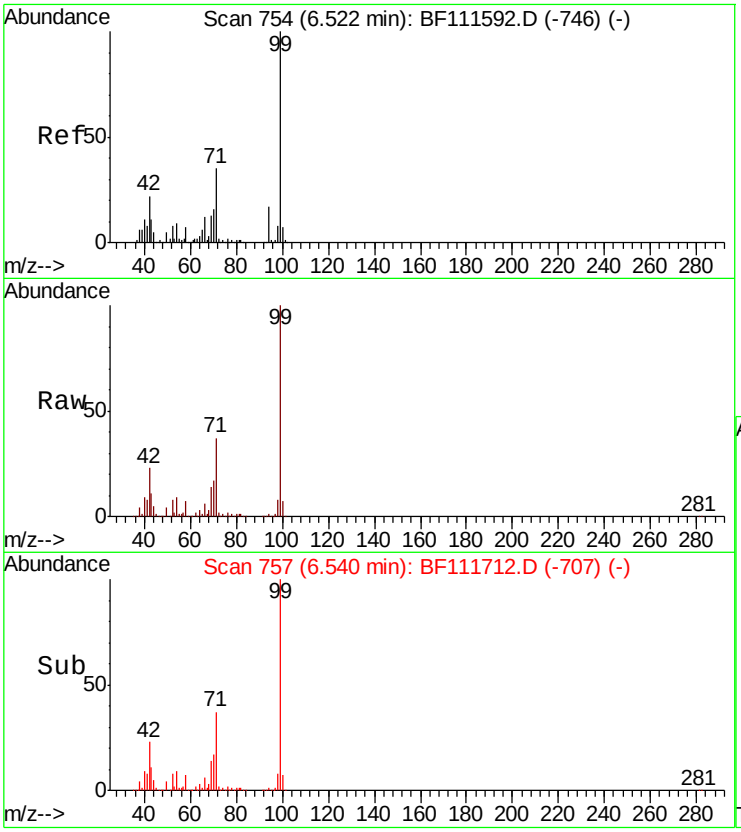


#5
2-Fluorophenol
Concen: 98.571 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:112 Resp: 1023507

Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.8	77.6
63	36.0	26.8	40.2



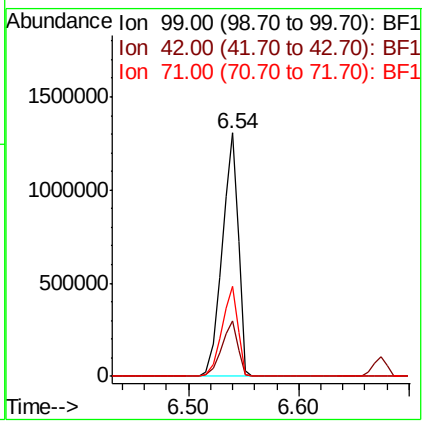


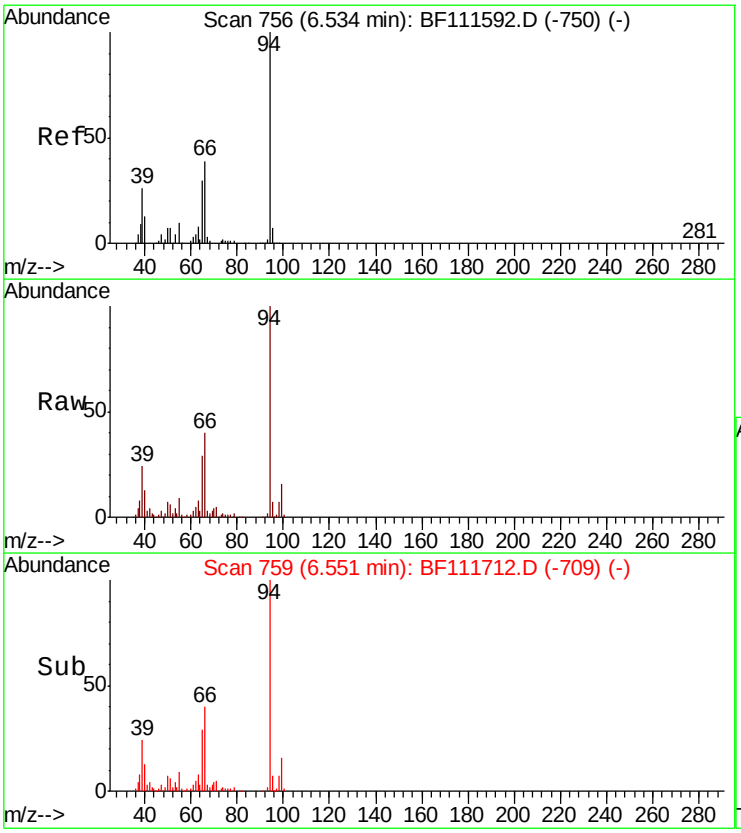
#7
Phenol-d6
Concen: 100.490 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1327933

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	36.9	26.1	39.1

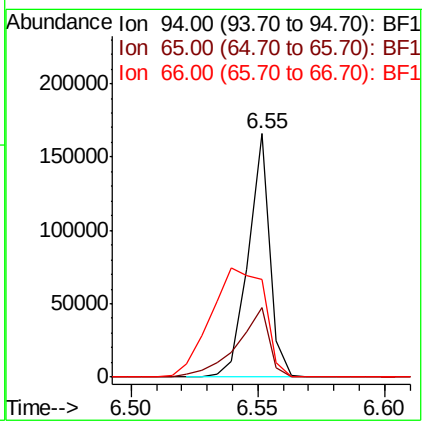


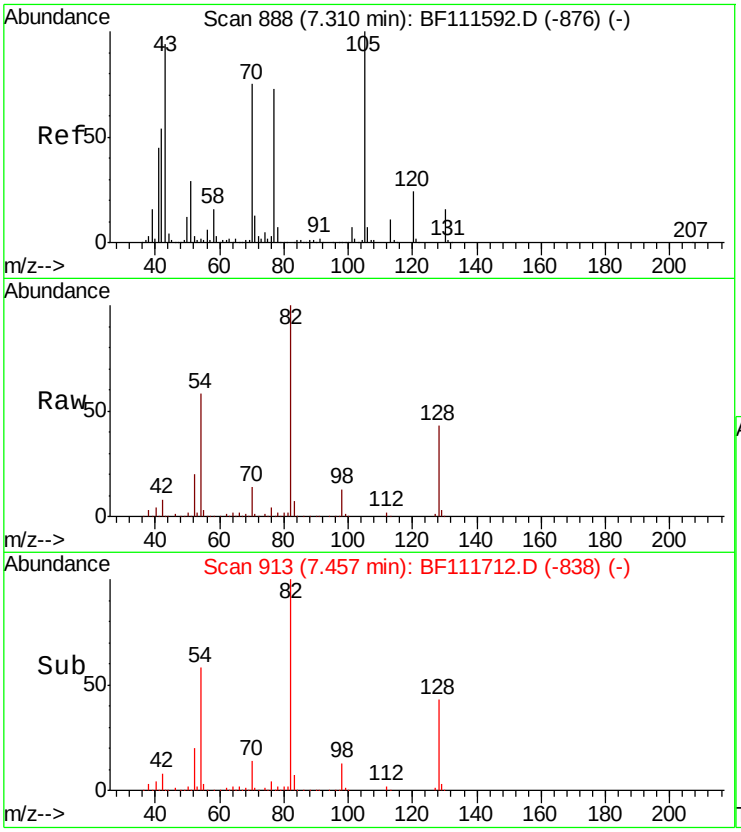


#10
Phenol
Concen: 6.607 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion: 94 Resp: 98510

Ion	Ratio	Lower	Upper
94	100		
65	28.7	11.7	51.7
66	40.2	21.0	61.0



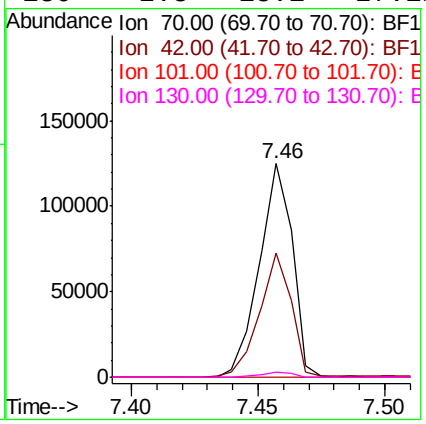


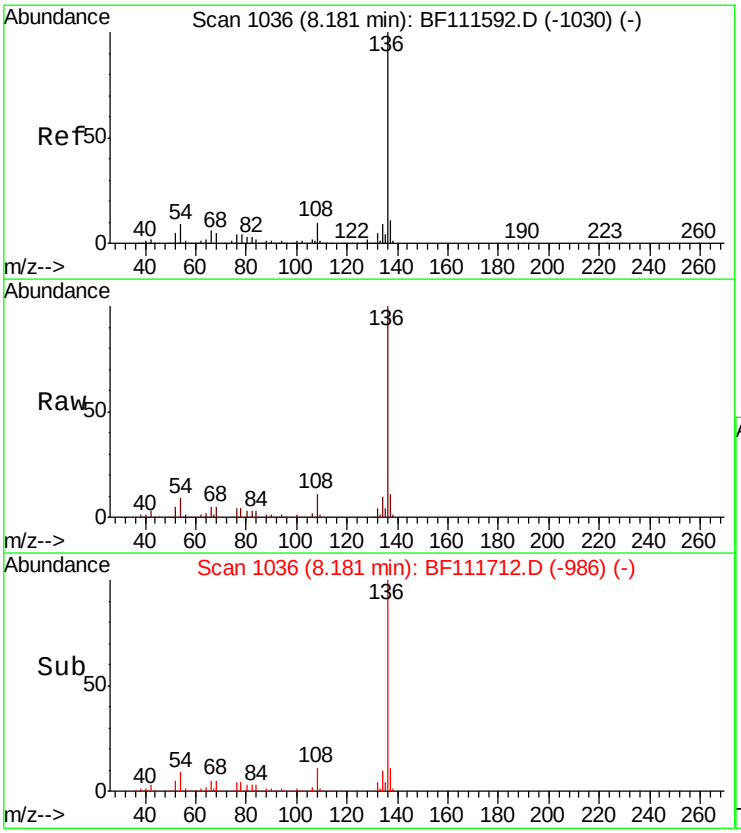
#19
n-Nitroso-di-n-propylamine
Concen: 13.070 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 70 Resp: 114706

Ion	Ratio	Lower	Upper
70	100		
42	58.3	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#

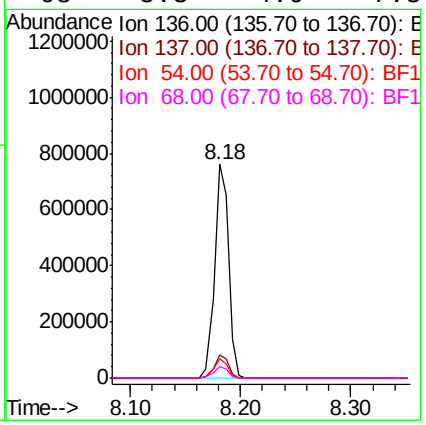


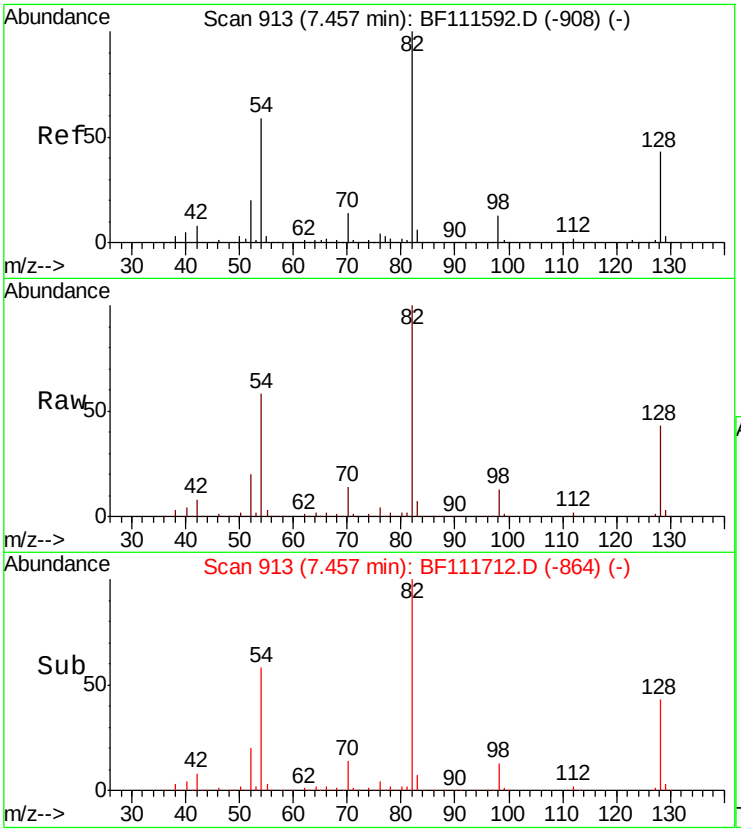


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:136 Resp: 666056

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	7.7	11.5
68	5.3	4.9	7.3



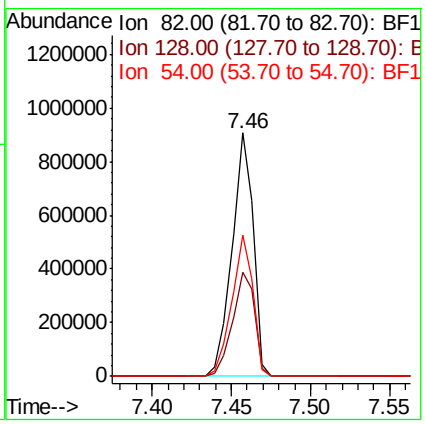


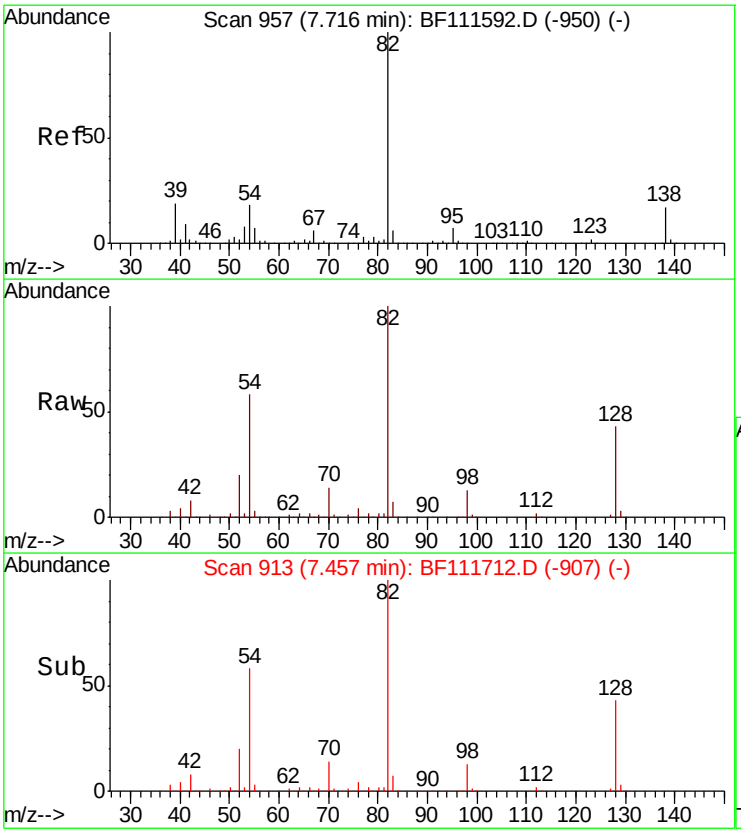
#23
Nitrobenzene-d5
Concen: 73.602 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 842212

Ion	Ratio	Lower	Upper
82	100		
128	42.8	37.4	56.2
54	57.9	47.6	71.4

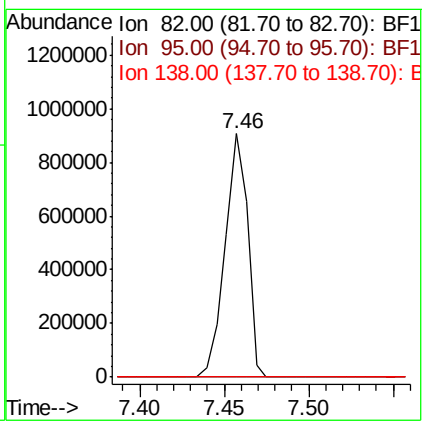


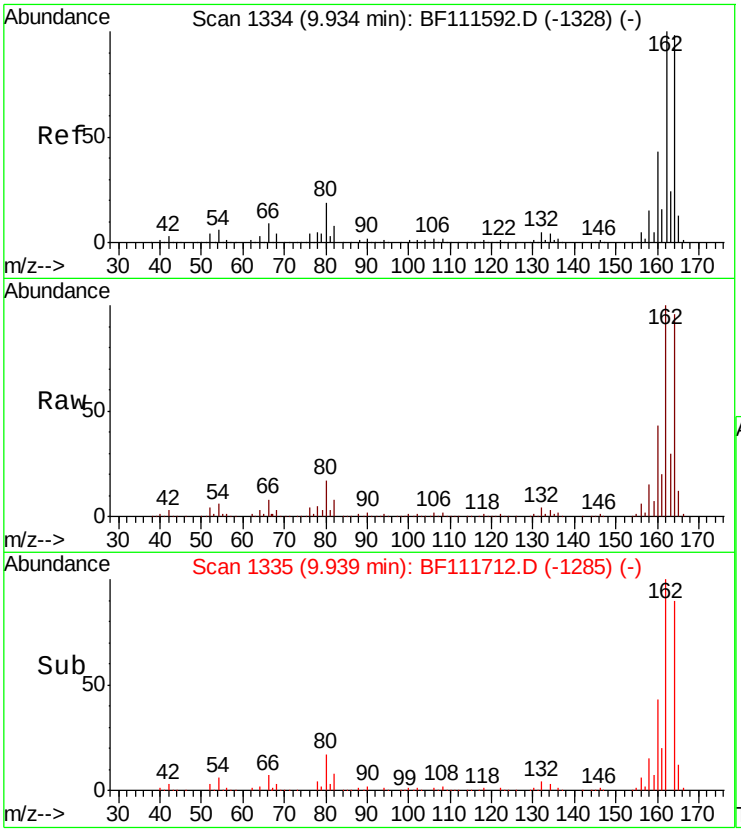


#25
Isophorone
Concen: 41.459 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion: 82 Resp: 842202

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



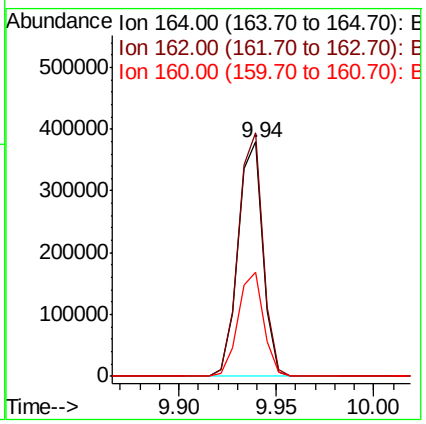


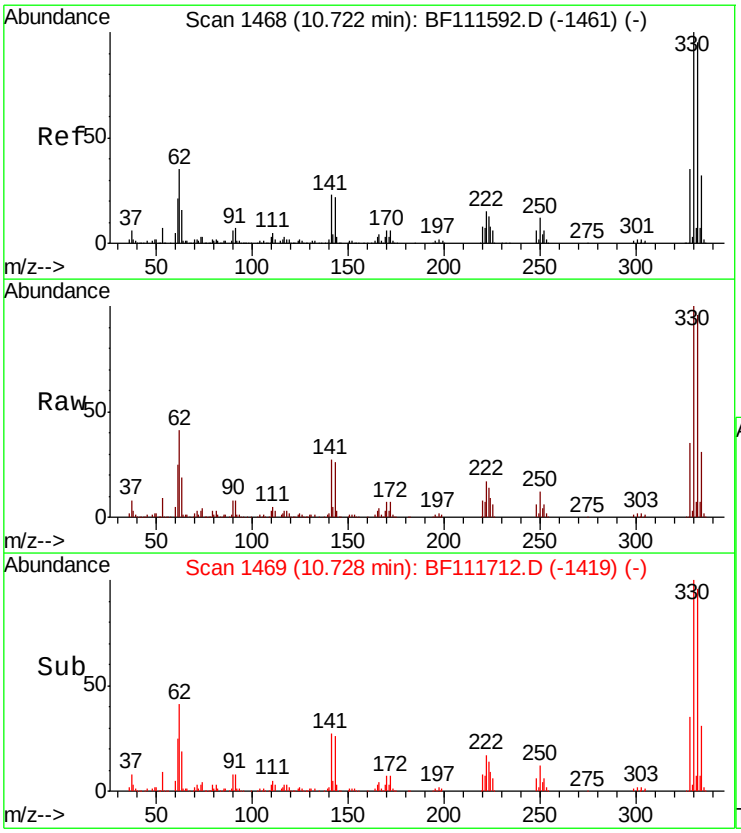
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 333013

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.0
160	44.7	35.7	53.5

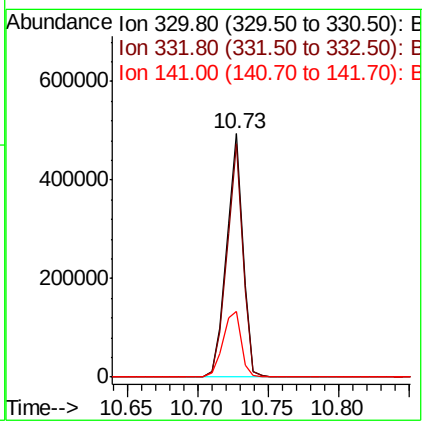


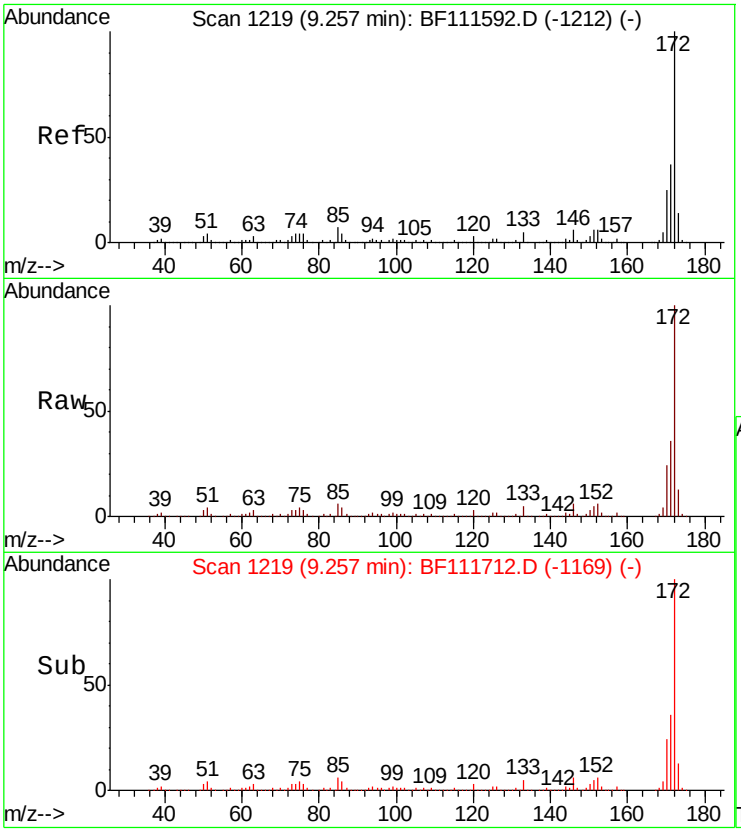


#42
2,4,6-Tribromophenol
Concen: 100.803 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:330 Resp: 396639

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.0	114.0
141	30.3	31.0	46.6#



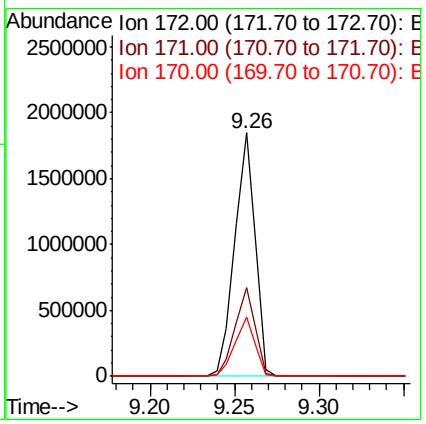


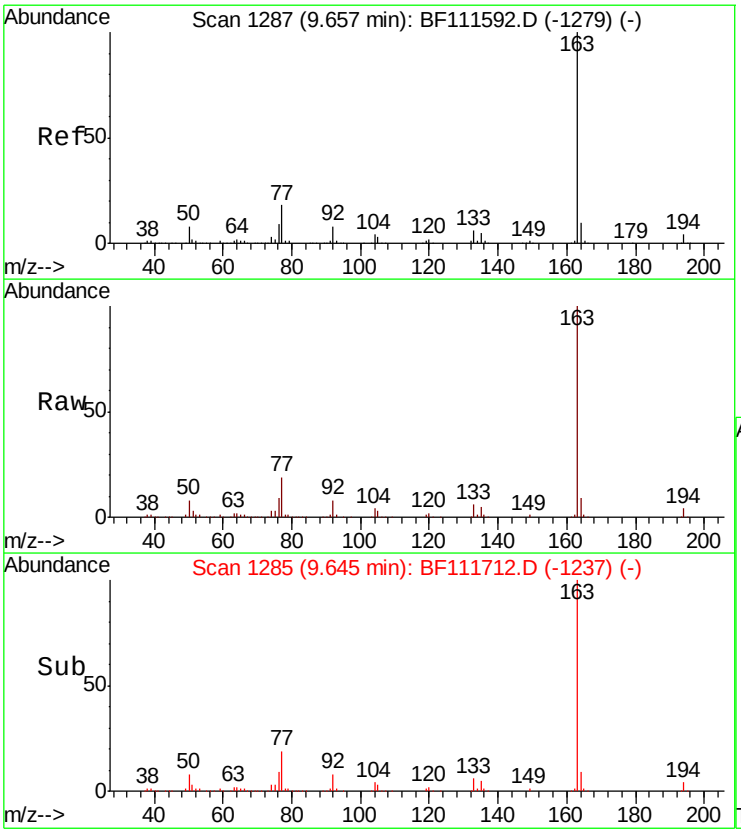
#45
2-Fluorobiphenyl
Concen: 67.859 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1550385

Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	24.3	22.3	33.5

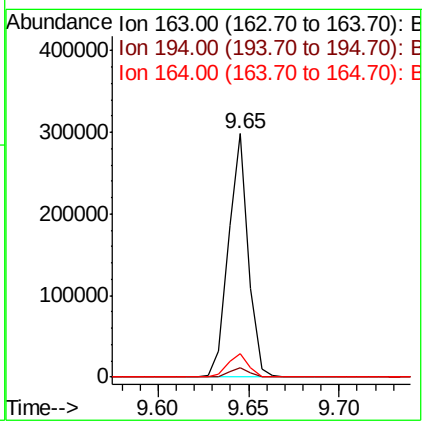


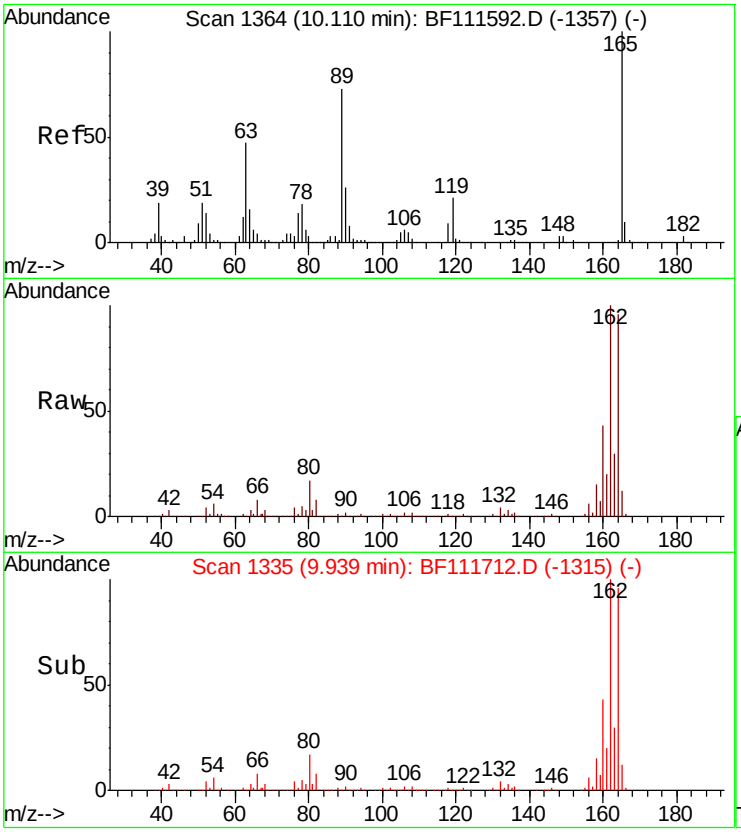


#50
Dimethylphthalate
Concen: 9.266 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:163 Resp: 225649

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.4	8.9	13.3



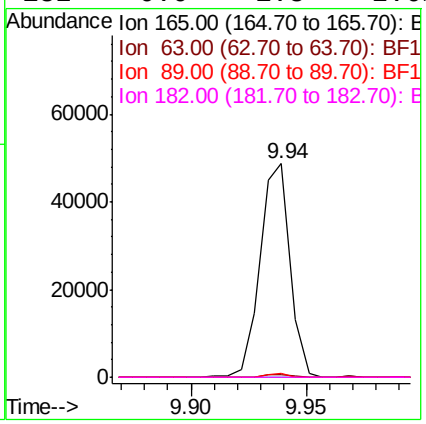


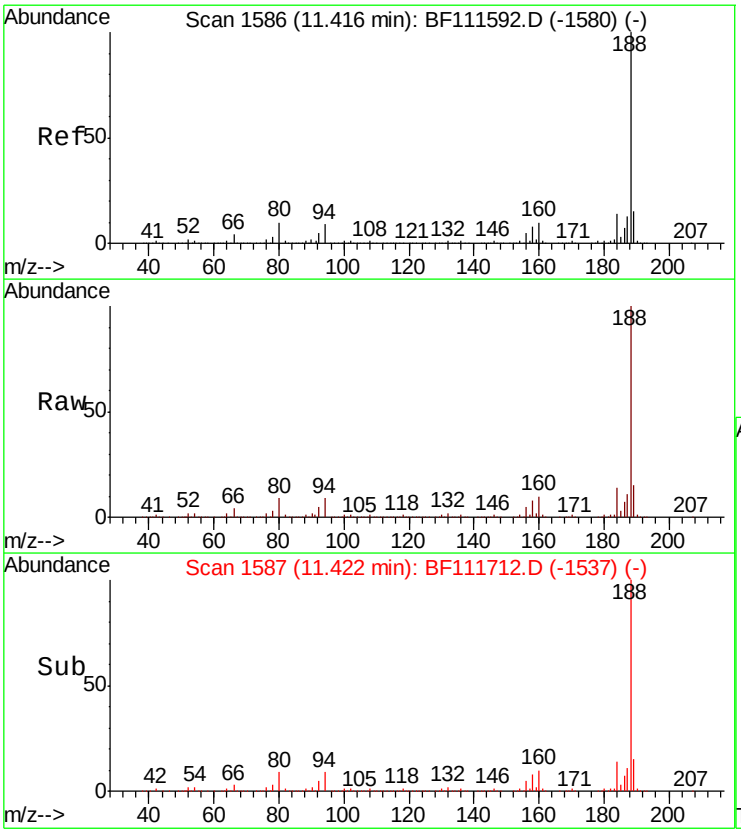
#57
2,4-Dinitrotoluene
Concen: 7.553 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 44082

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#

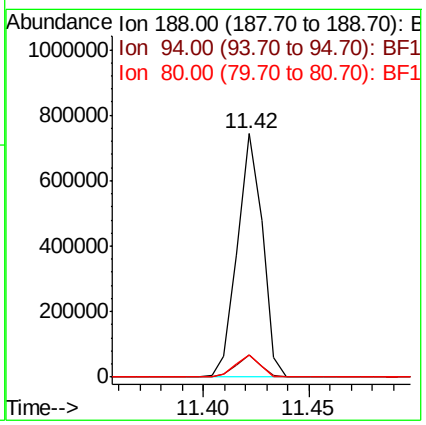


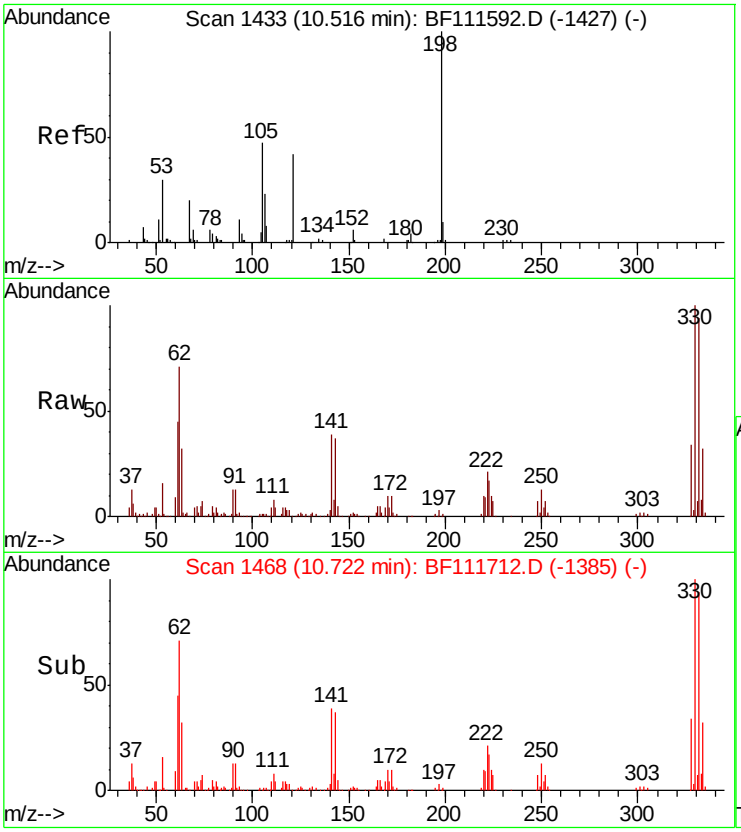


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:188 Resp: 609972

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.3	9.8	14.6#



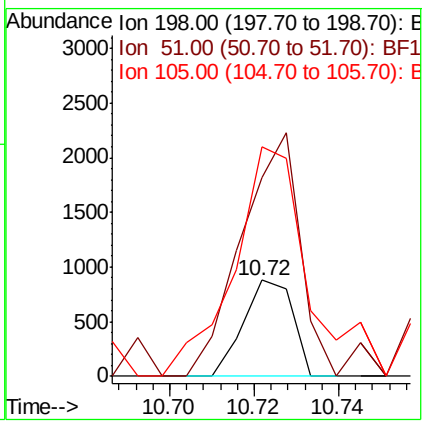


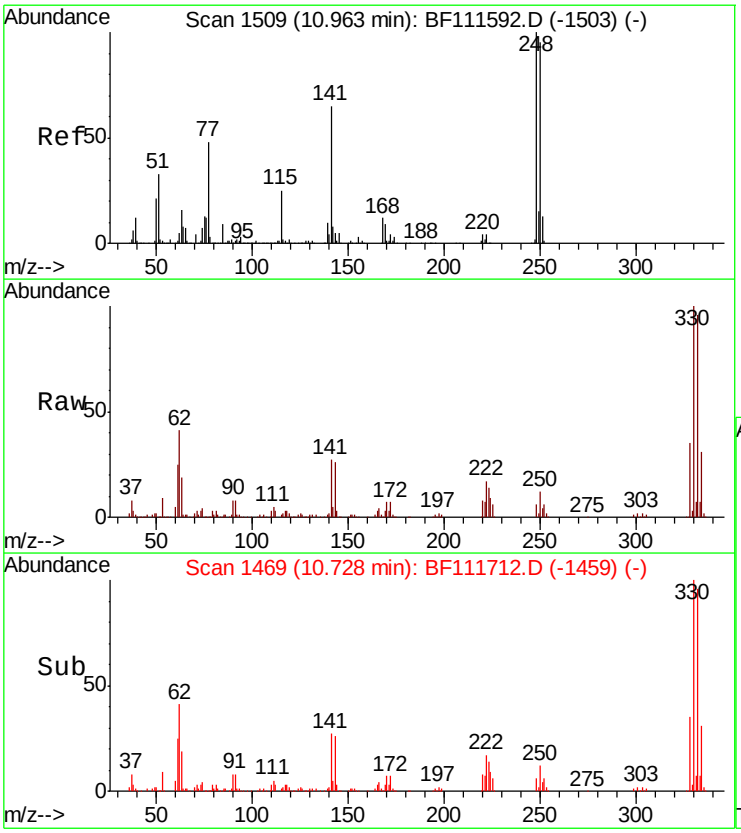
#65
4,6-Dinitro-2-methylphenol
Concen: 6.937 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:198 Resp: 715

Ion	Ratio	Lower	Upper
198	100		
51	207.5	48.0	88.0#
105	238.9	34.0	74.0#

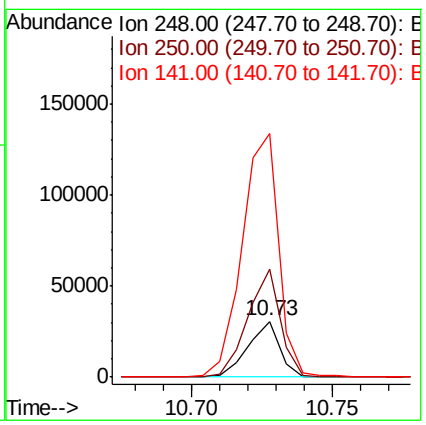


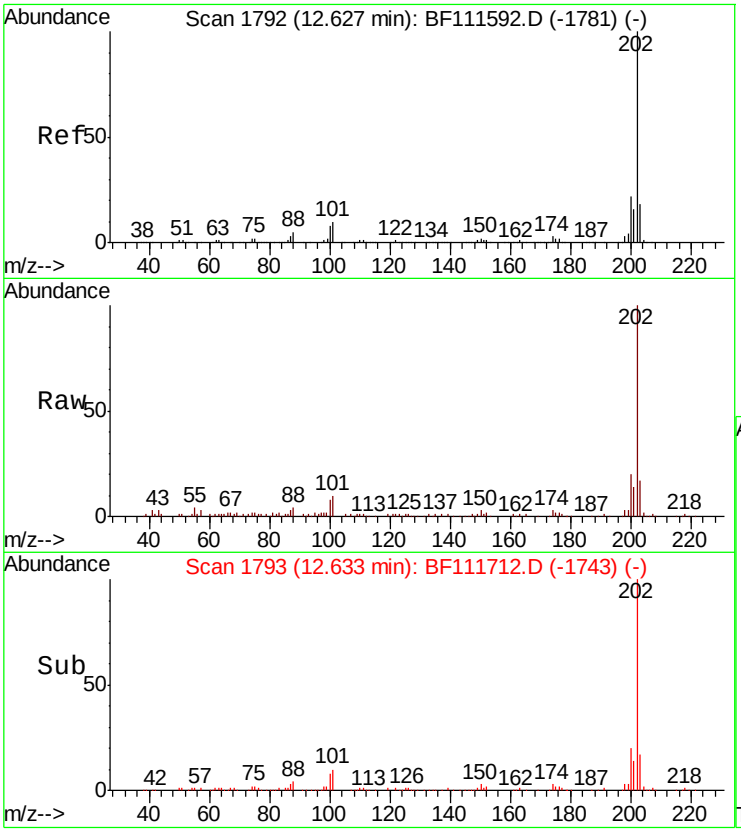


#67
4-Bromophenyl-phenylether
Concen: 3.150 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:248 Resp: 23835

Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.0	115.4#
141	435.2	63.0	94.6#



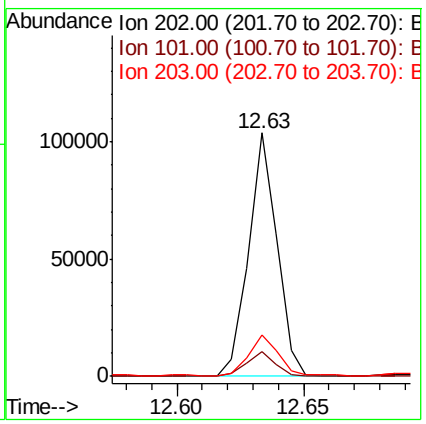


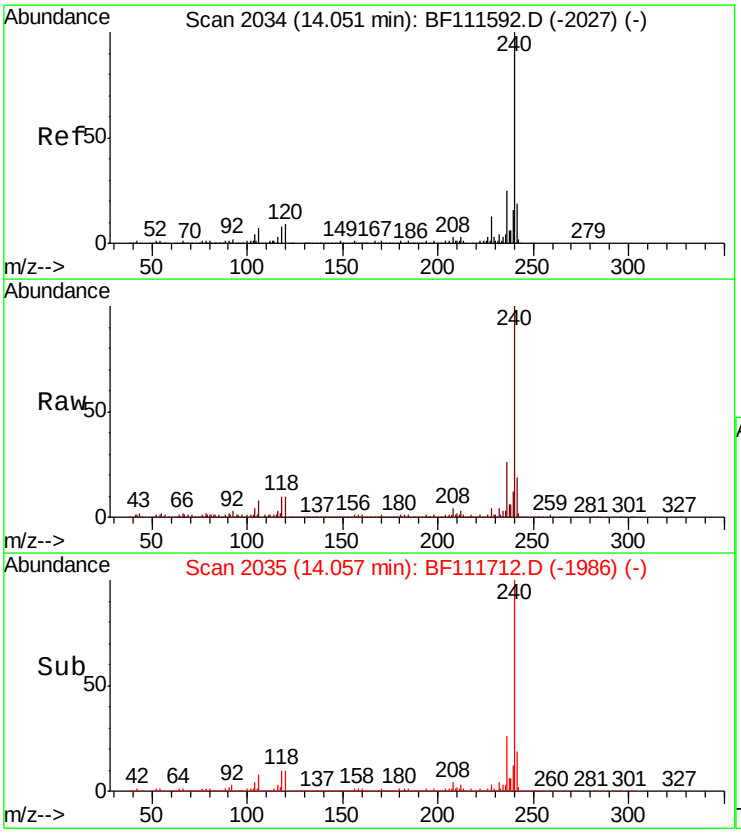
#75
Fluoranthene
Concen: 2.479 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 81209

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	33.8
203	16.9	0.0	38.6

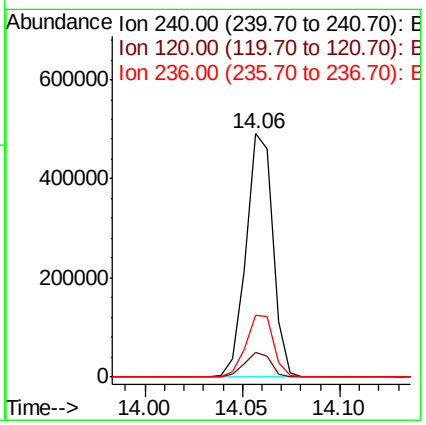


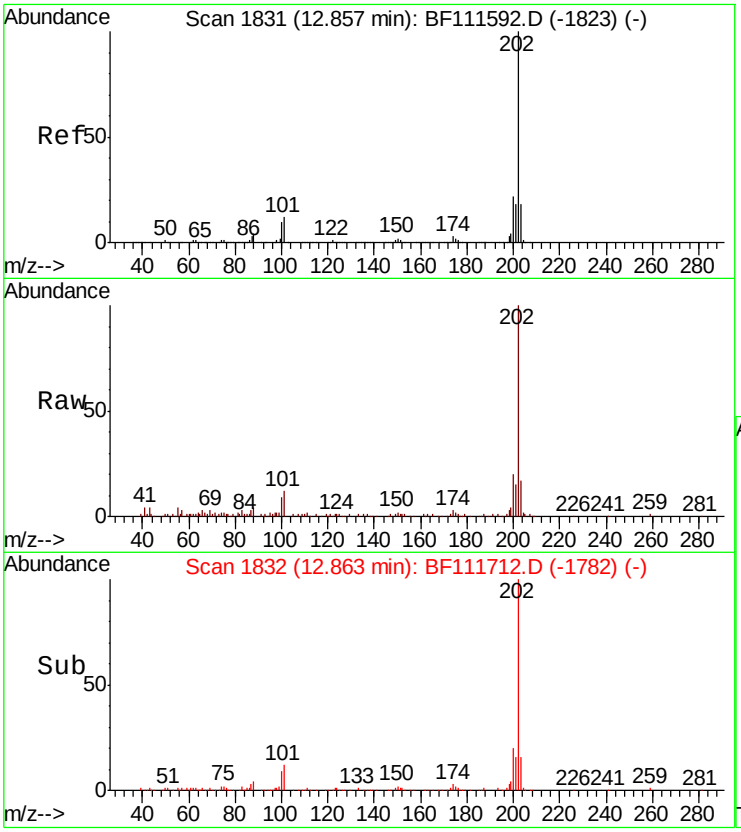


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:240 Resp: 468856

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.6	20.2	30.2



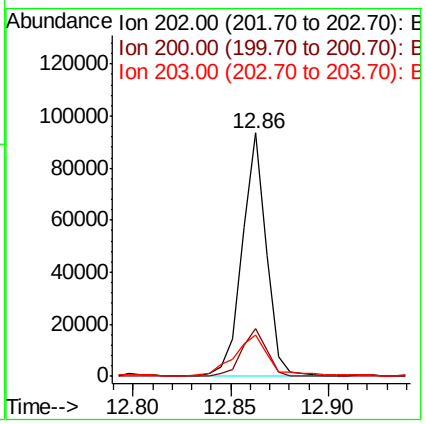


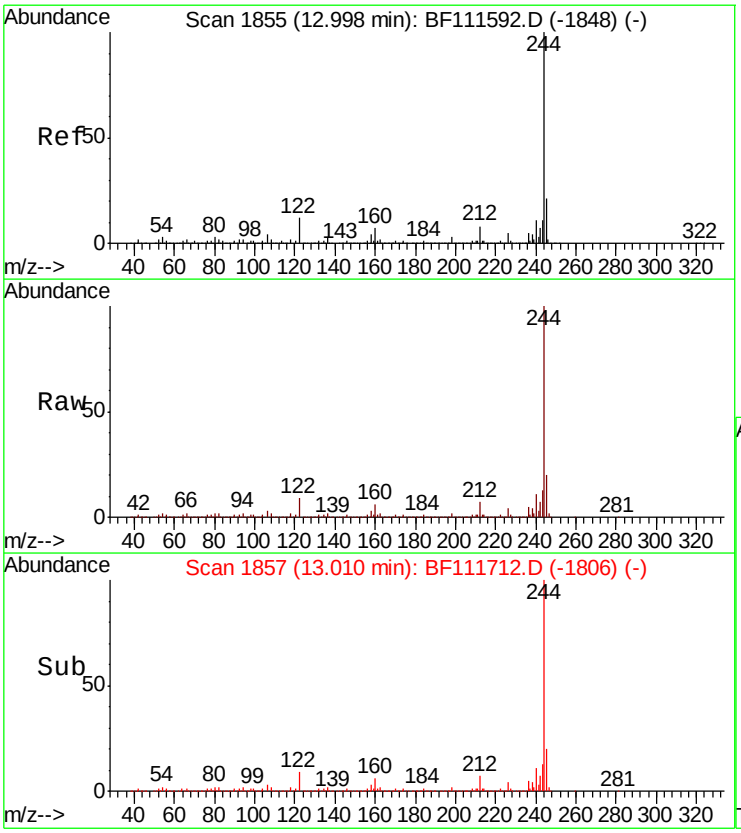
#78
Pyrene
Concen: 2.420 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 80134

Ion	Ratio	Lower	Upper
202	100		
200	19.5	19.0	28.4
203	17.1	15.2	22.8

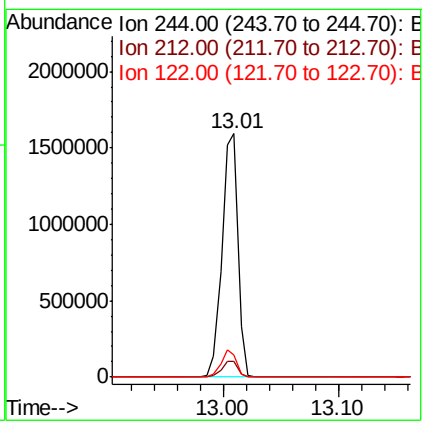


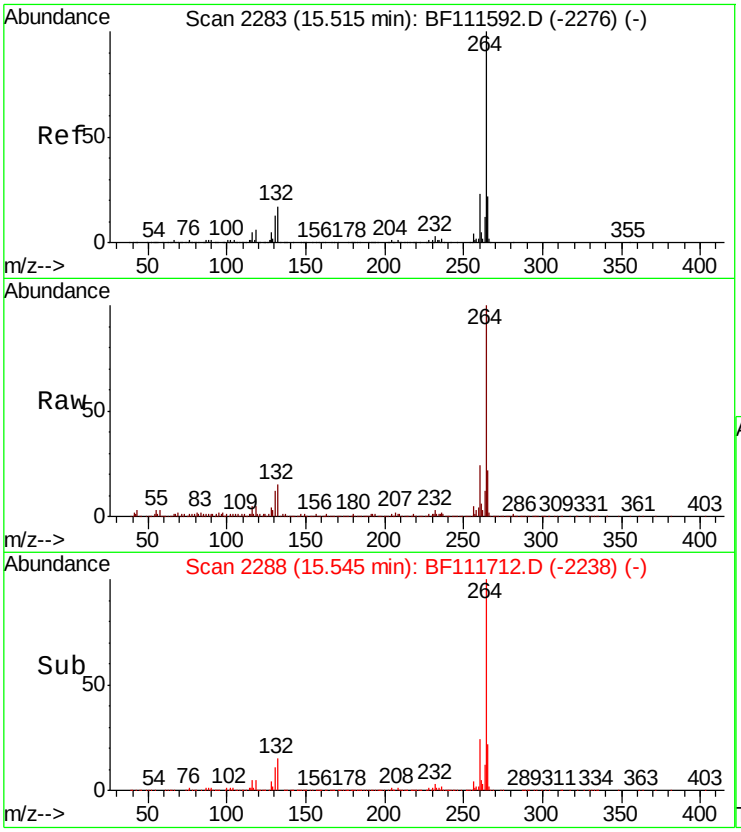


#79
Terphenyl-d14
Concen: 61.412 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:244 Resp: 1518302

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.1	13.1	19.7#



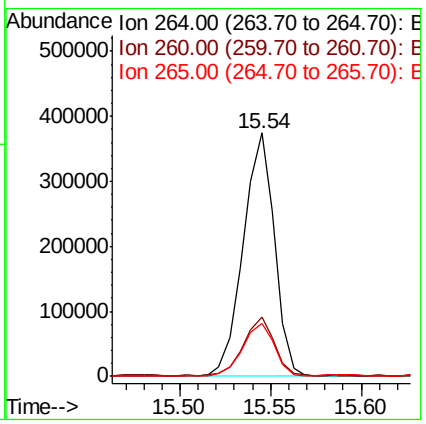


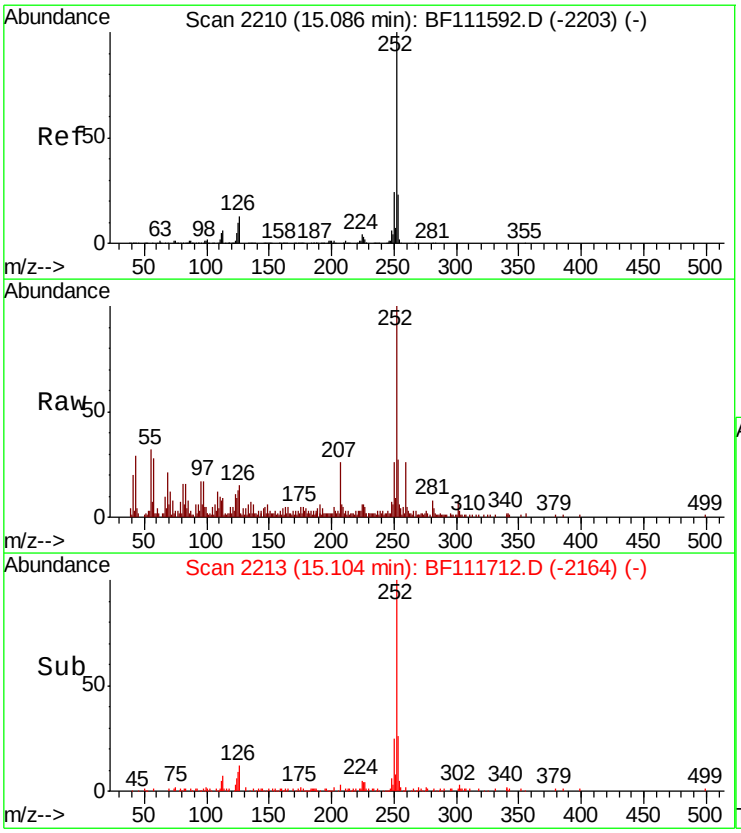
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 446700

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.3	27.5
265	21.9	17.7	26.5

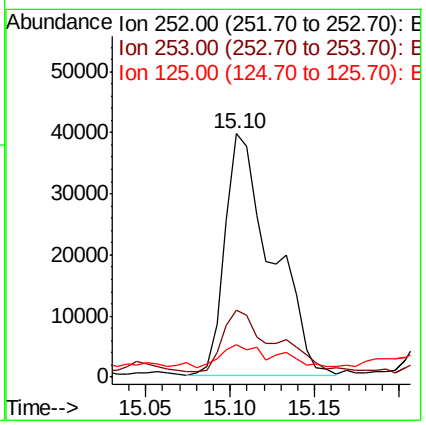


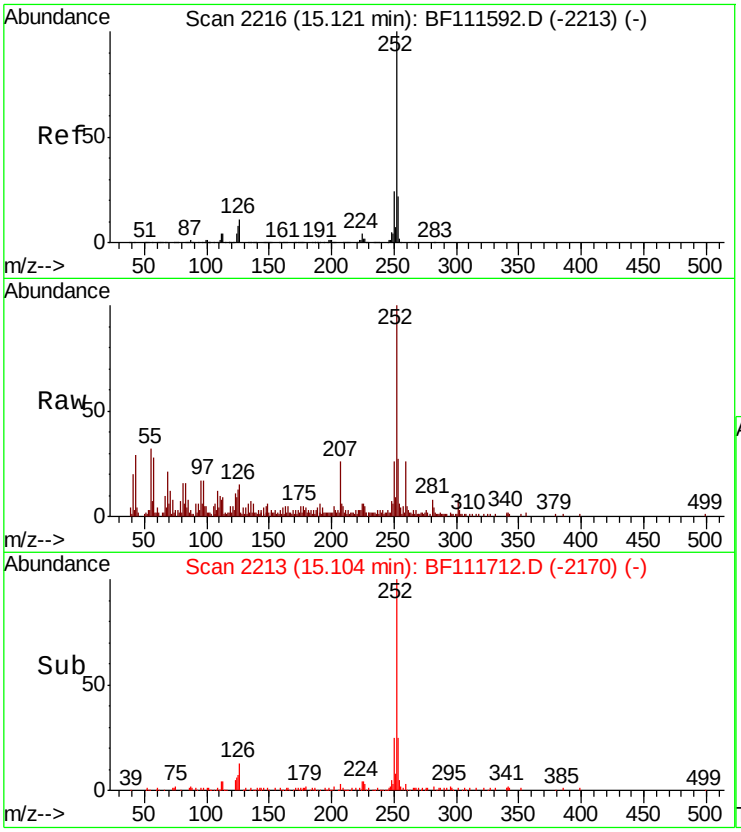


#88
Benzo(b)fluoranthene
Concen: 2.891 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:252 Resp: 75483

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.2	27.2#
125	13.3	10.4	15.6





#89
Benzo(k)fluoranthene
Concen: 3.037 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.05 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 75483

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.1	27.1#
125	13.3	9.8	14.8