Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113103.D
Acq On : 18 Mar 2019 21:06
Operator : JU/SJ
Sample : K1691-13 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-031519-C

Quant Time: Mar 19 04:52:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141704	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	554023	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	270556	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	505678	20.00	ng		0.00
76) Chrysene-d12	13.87	240	425692	20.00	ng		0.00
87) Perylene-d12	15.28	264	300131	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	118374	12.99	ng		0.00
7) Phenol-d6	6.37	99	147654	12.90	ng		0.00
23) Nitrobenzene-d5	7.29	82	83111	8.98	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	44961	15.65	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	207843	9.08	ng		0.00
79) Terphenyl-d14	12.82	244	205602	9.36	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.29	82	83110	4.167	ng	#	66
51) 2,6-Dinitrotoluene	9.76	165	34729	8.360	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	34729	6.725	ng	#	18
75) Fluoranthene	12.44	202	90902	3.372	ng		97
78) Pyrene	12.67	202	88016	2.453	ng		99
88) Benzo(b)fluoranthene	14.88	252	58350	3.006	ng	#	75
89) Benzo(k)fluoranthene	14.88	252	58350	3.318	ng	#	75

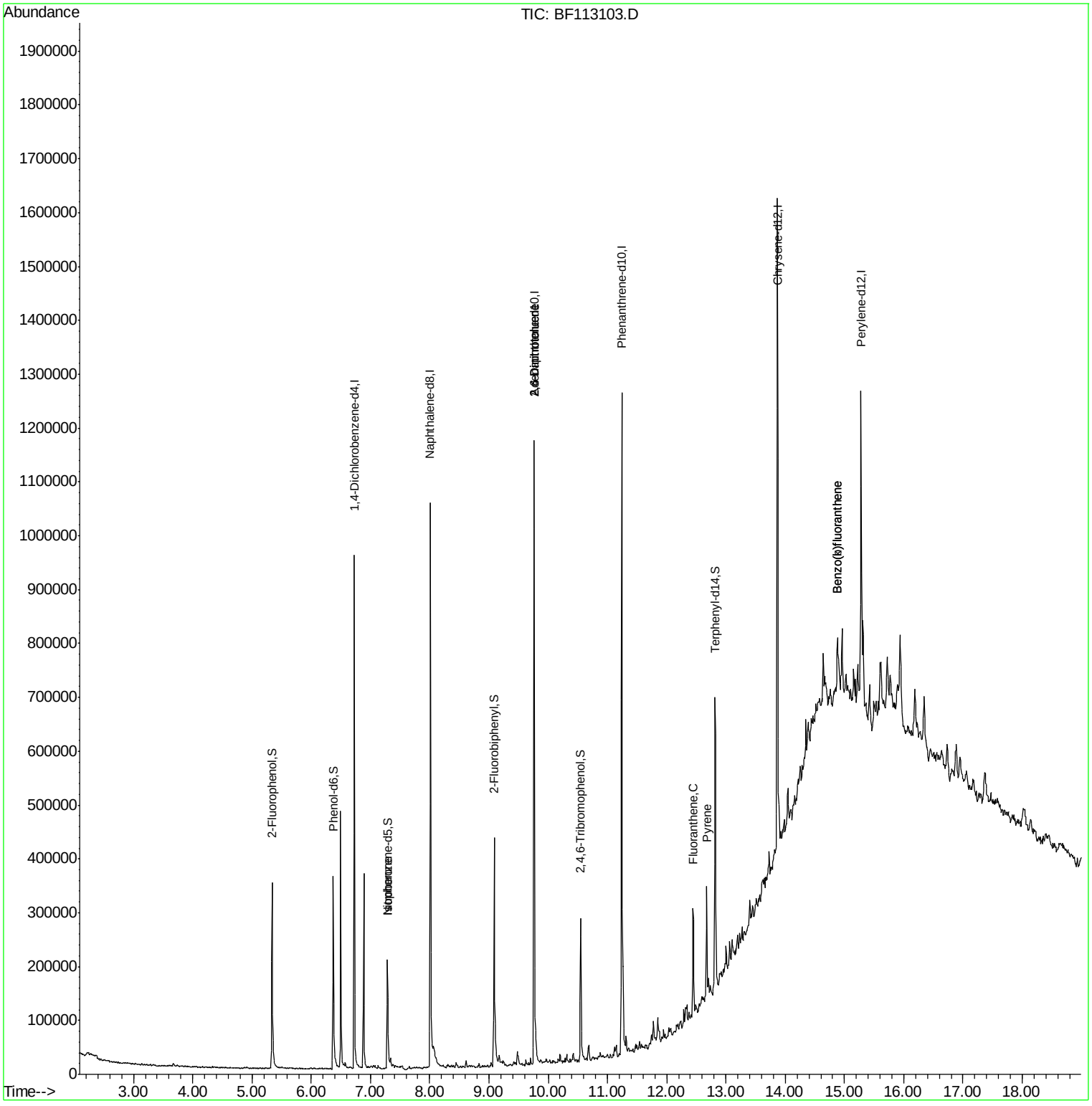
(#) = qualifier out of range (m) = manual integration (+) = signals summed

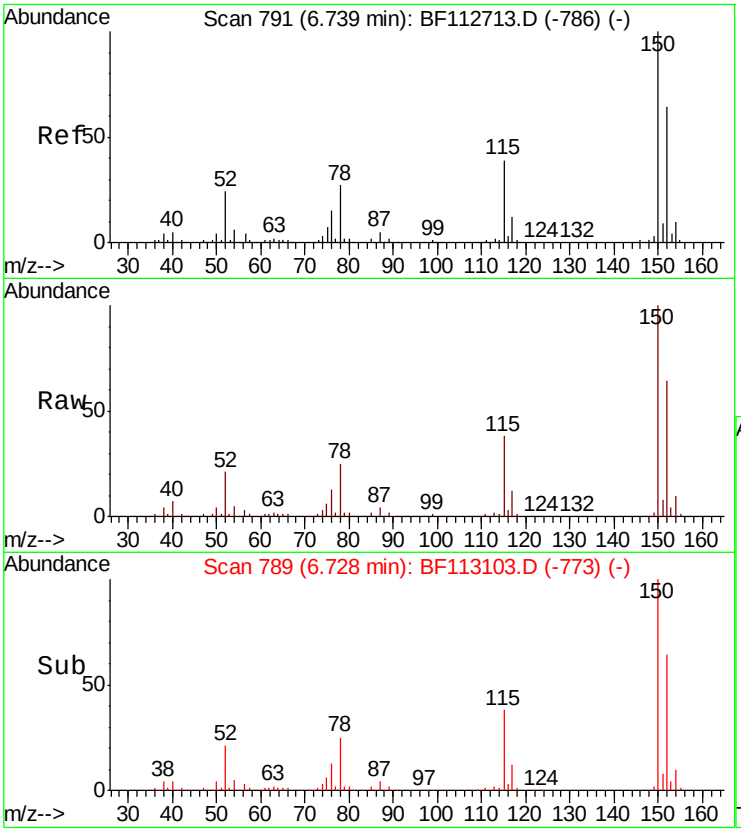
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113103.D
Acq On : 18 Mar 2019 21:06
Operator : JU/SJ
Sample : K1691-13 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Quant Time: Mar 19 04:52:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



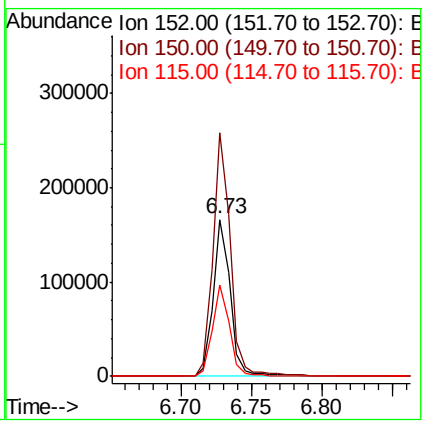


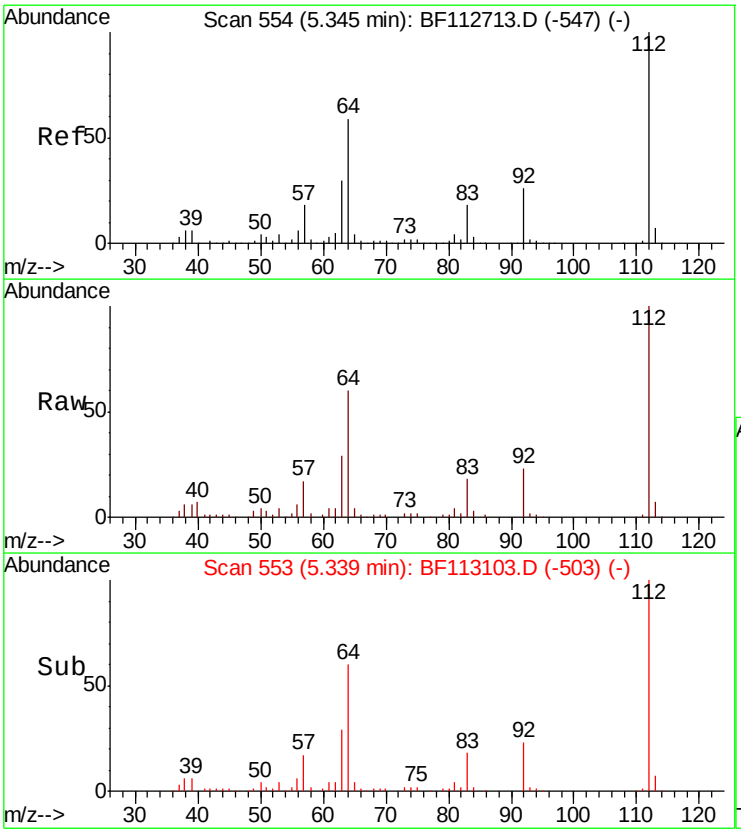
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion:152 Resp: 141704

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	58.4	48.2	72.4

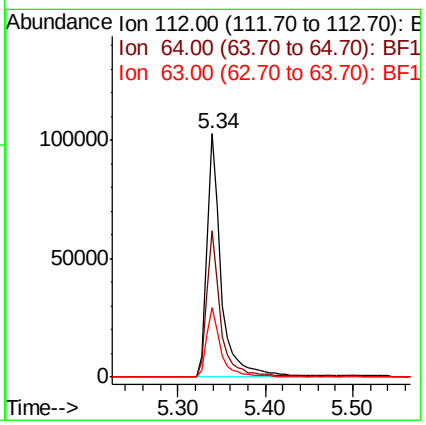


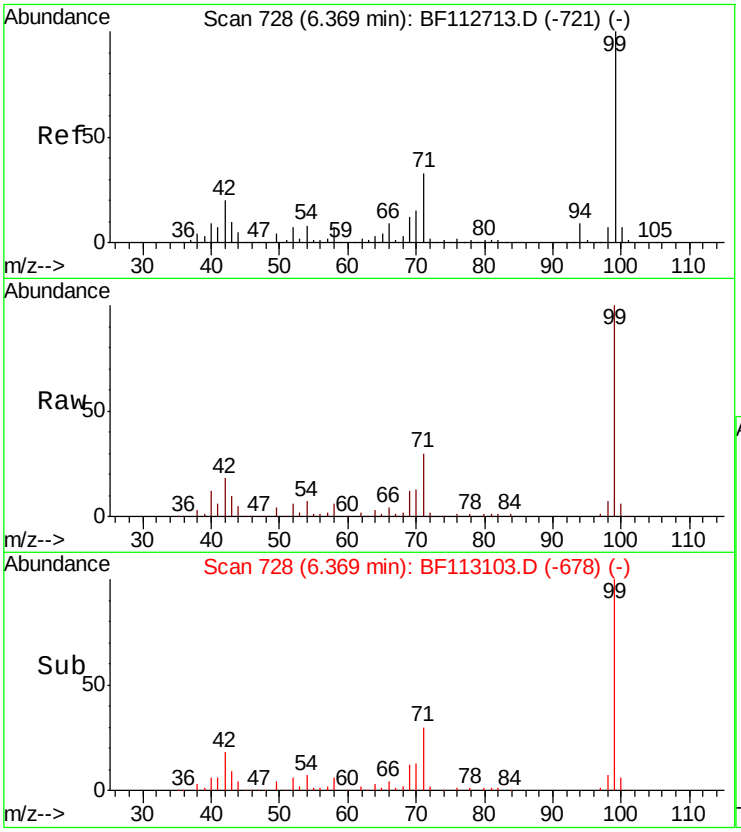


#5
2-Fluorophenol
Concen: 12.994 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion:112 Resp: 118374

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.6	71.4
63	28.8	24.4	36.6



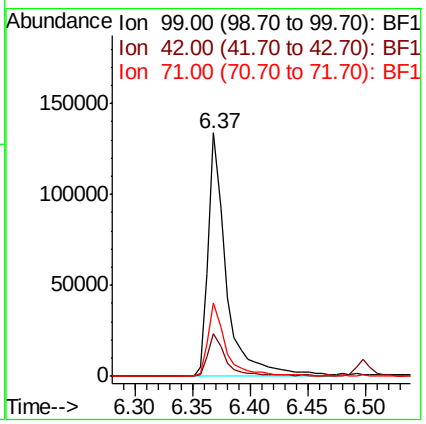


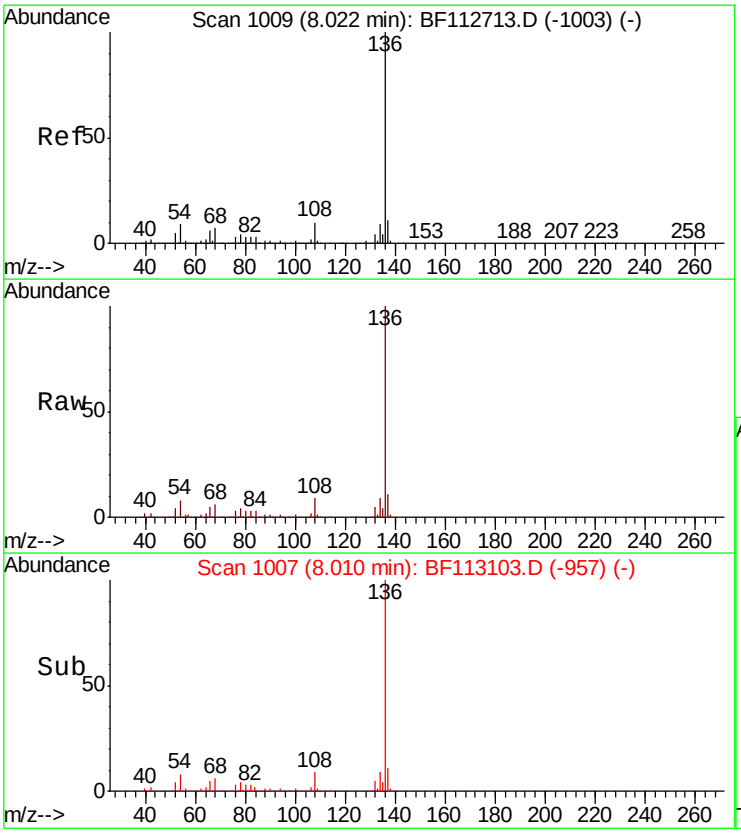
#7
Phenol-d6
Concen: 12.903 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion: 99 Resp: 147654

Ion	Ratio	Lower	Upper
99	100		
42	17.7	16.3	24.5
71	30.2	26.2	39.4

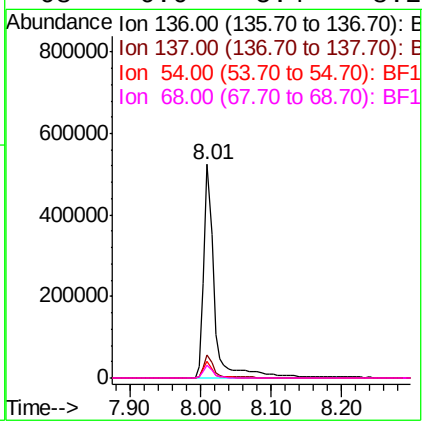


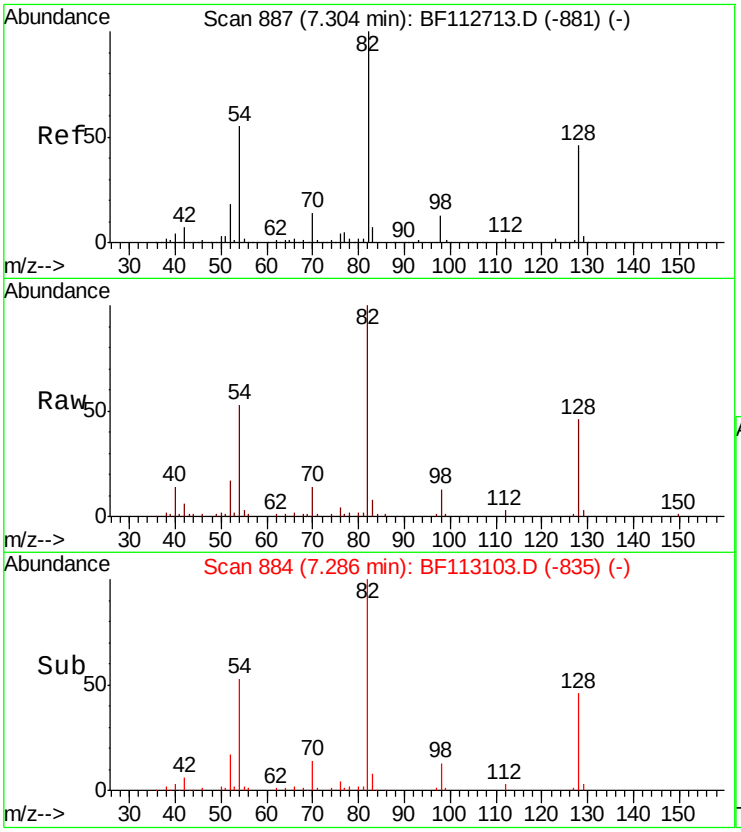


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion:136 Resp: 554023

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	7.3	10.9
68	6.0	5.4	8.2



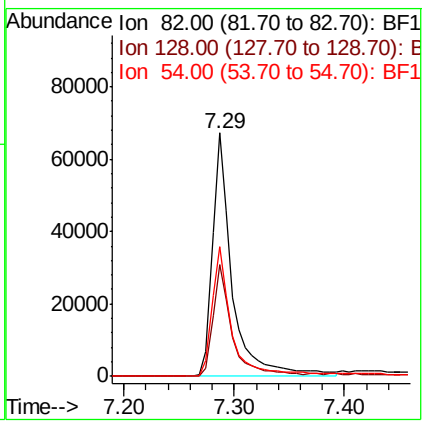


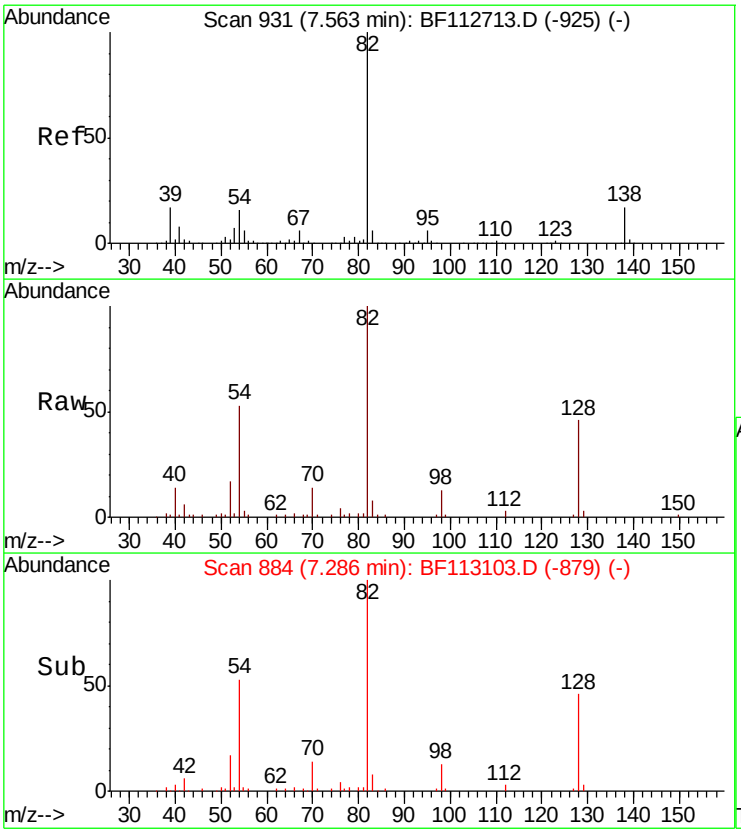
#23
Nitrobenzene-d5
Concen: 8.977 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion: 82 Resp: 83111

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	53.3	43.7	65.5

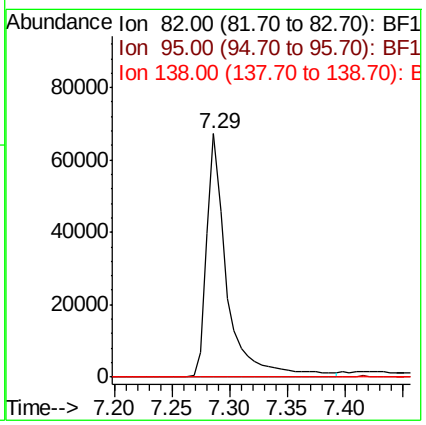


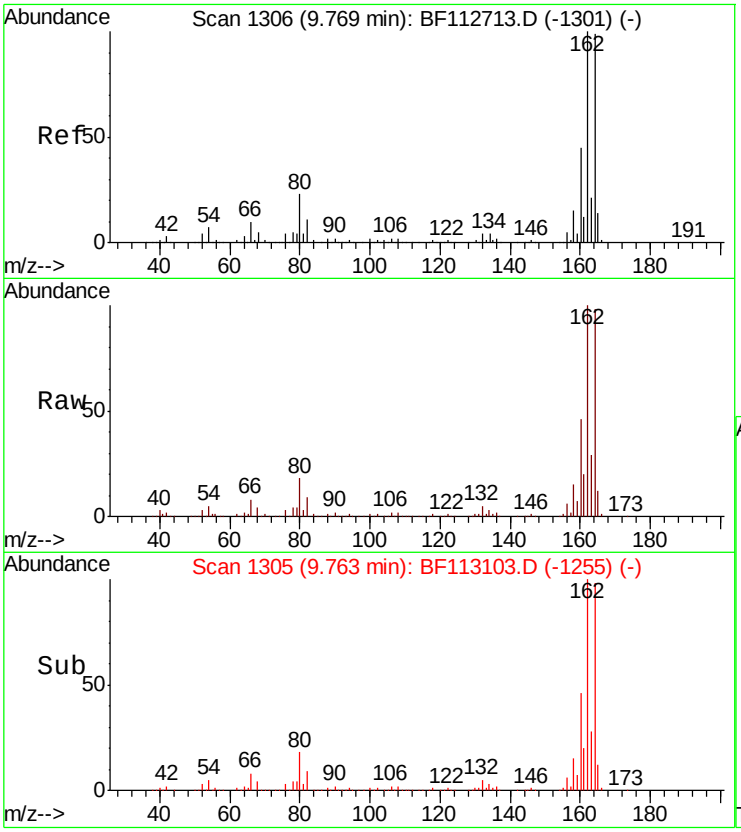


#25
Isophorone
Concen: 4.167 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion: 82 Resp: 83110

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



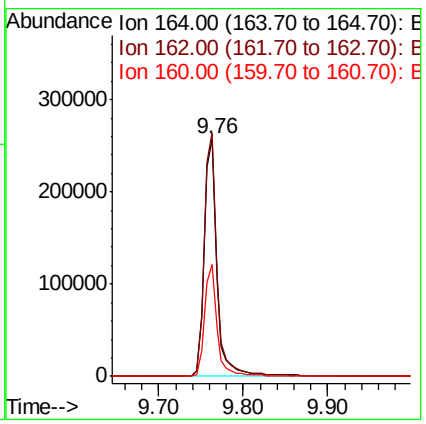


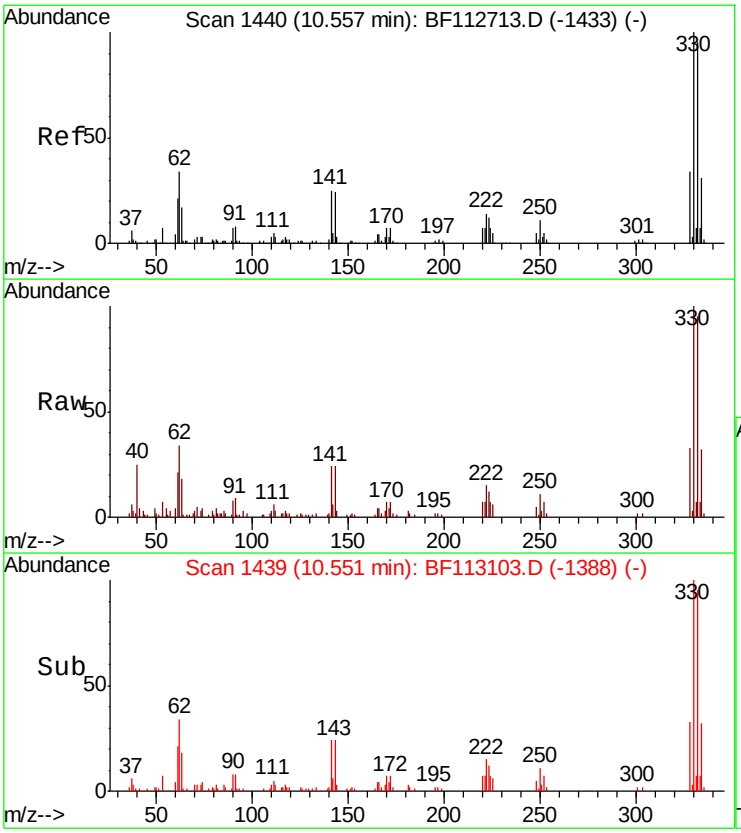
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion:164 Resp: 270556

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	47.0	36.0	54.0

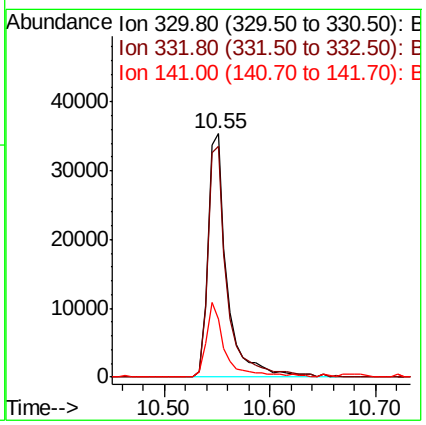


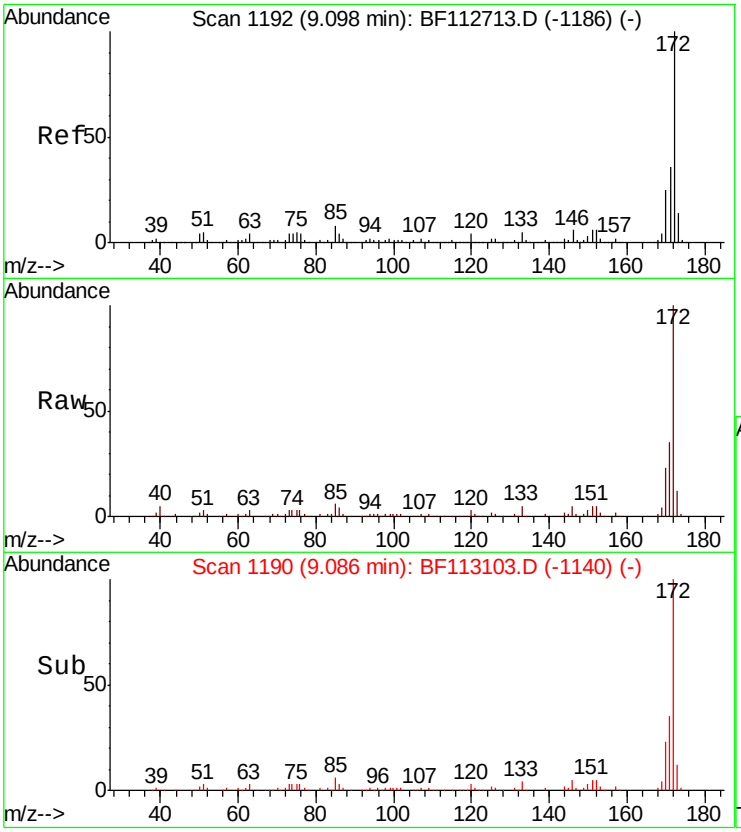


#42
2,4,6-Tribromophenol
Concen: 15.653 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion:330 Resp: 44961

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	30.1	27.0	40.6



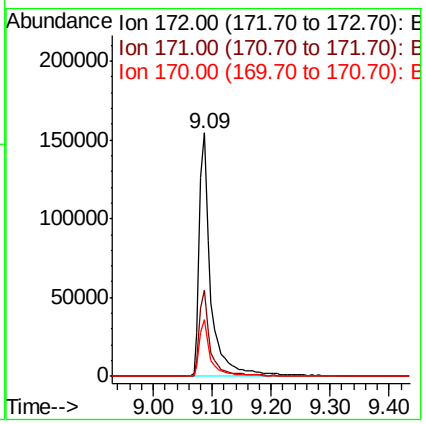


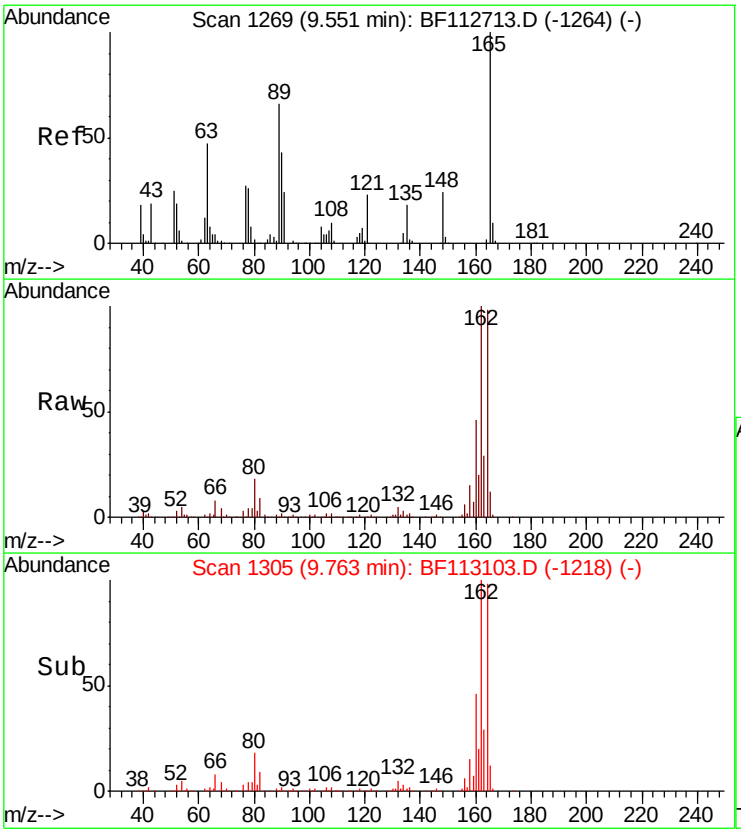
#45
2-Fluorobiphenyl
Concen: 9.084 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion:172 Resp: 207843

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	23.3	20.0	30.0

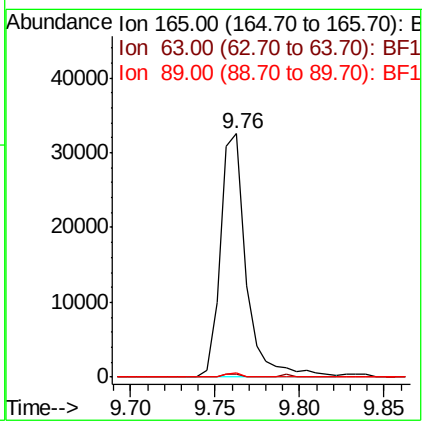


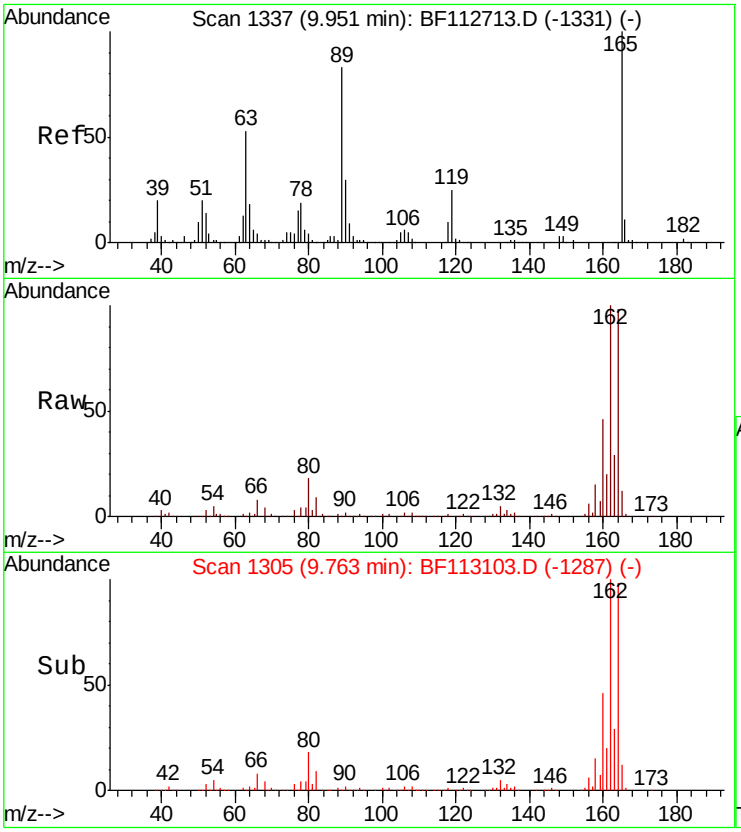


#51
2,6-Dinitrotoluene
Concen: 8.360 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion:165 Resp: 34729

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.6	52.8	79.2#



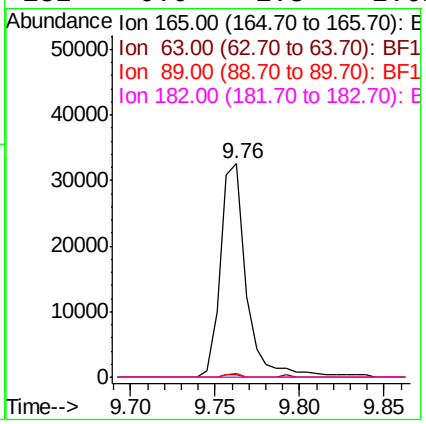


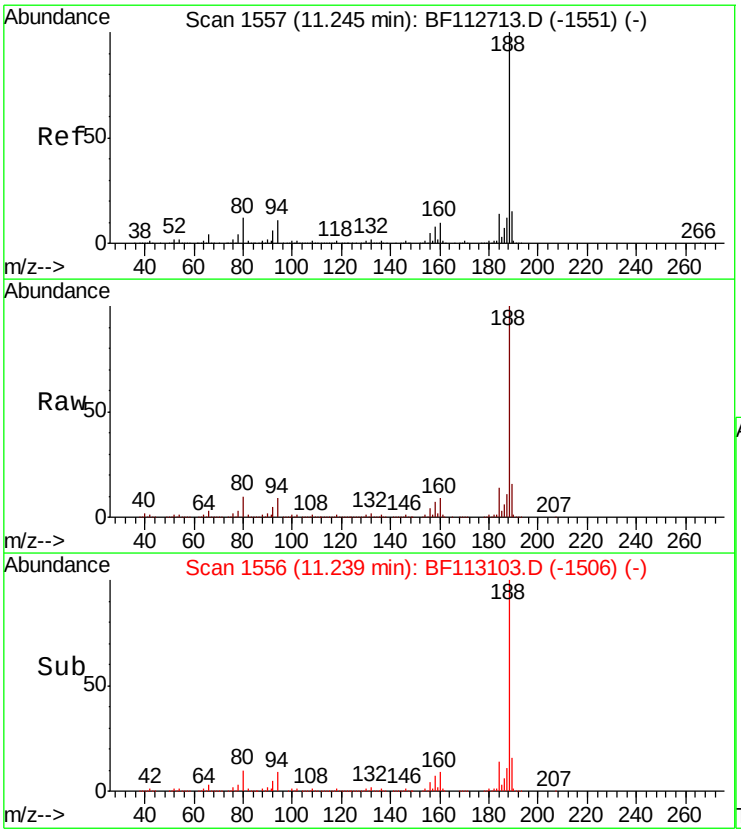
#57
2,4-Dinitrotoluene
Concen: 6.725 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion:165 Resp: 34729

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#

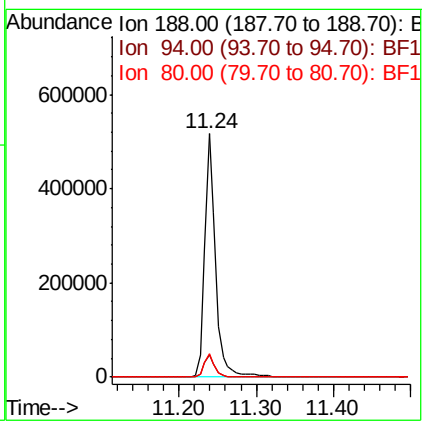


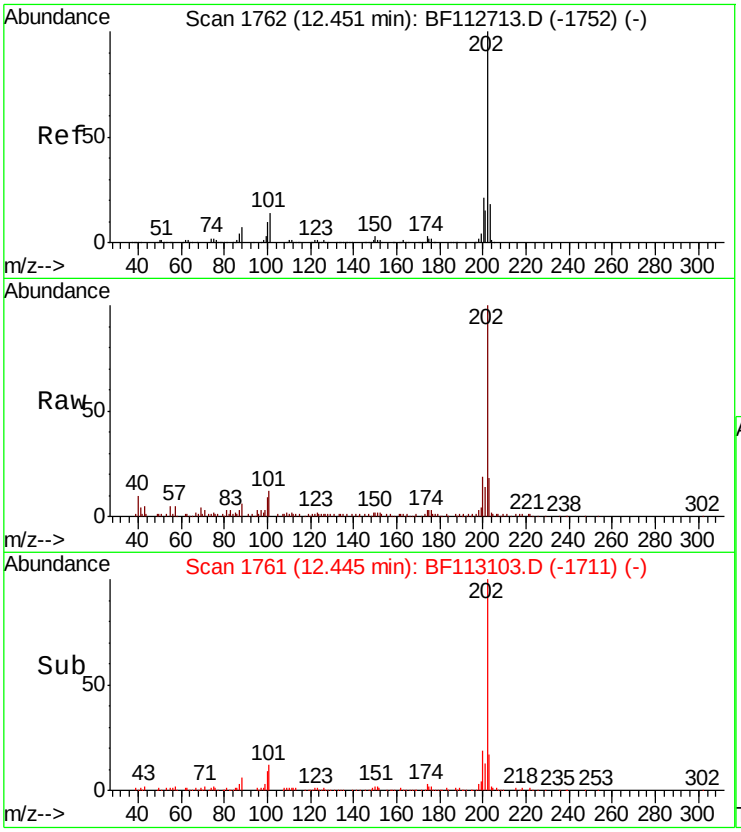


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion:188 Resp: 505678

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.8	9.2	13.8



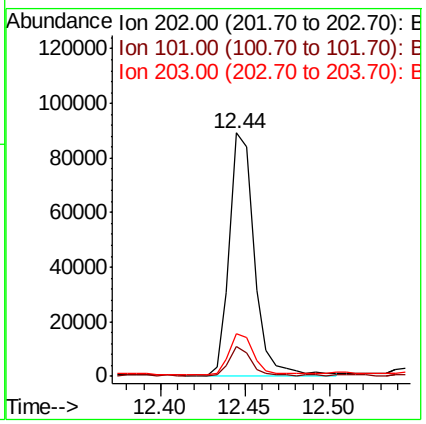


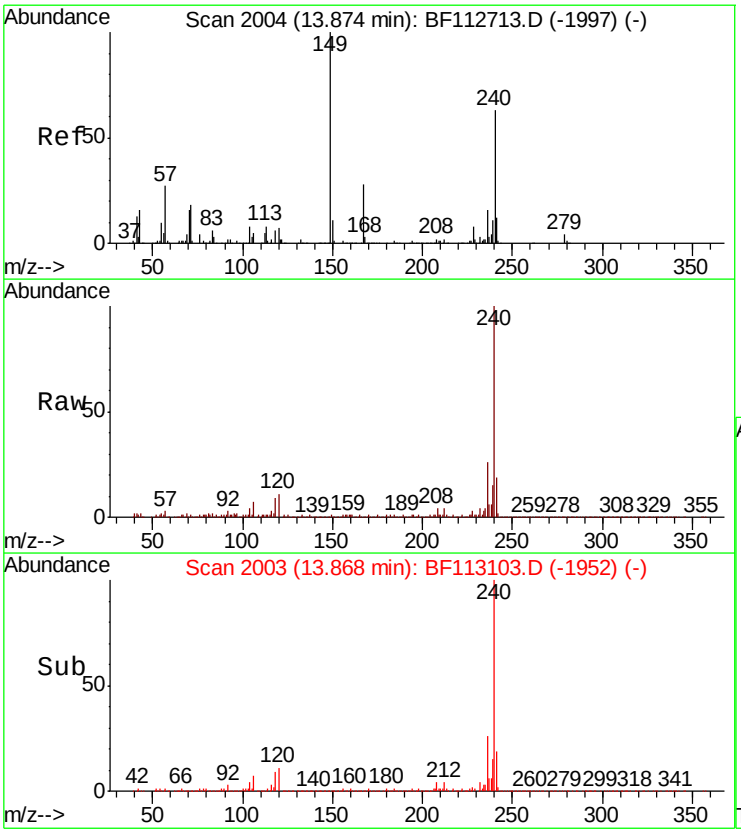
#75
Fluoranthene
Concen: 3.372 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion:202 Resp: 90902

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.8
203	17.6	0.0	38.4

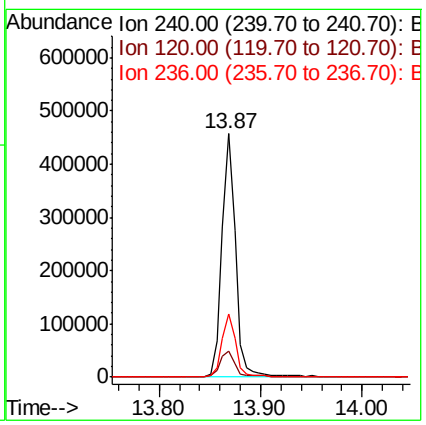


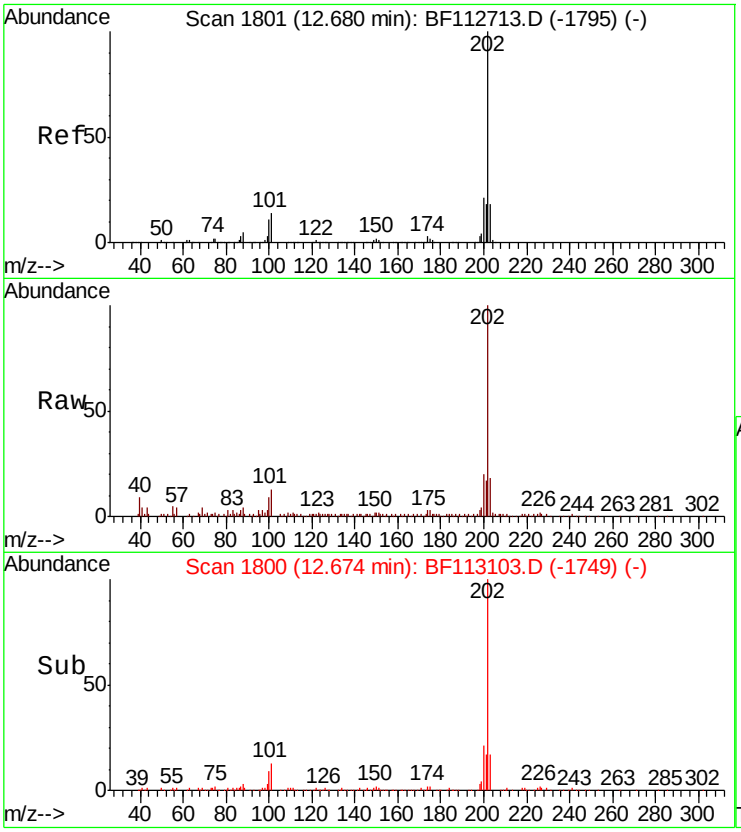


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion:240 Resp: 425692

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	20.7	31.1



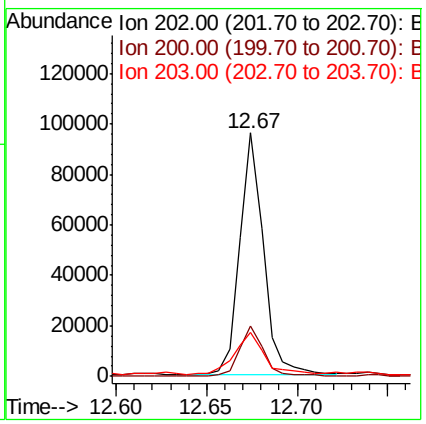


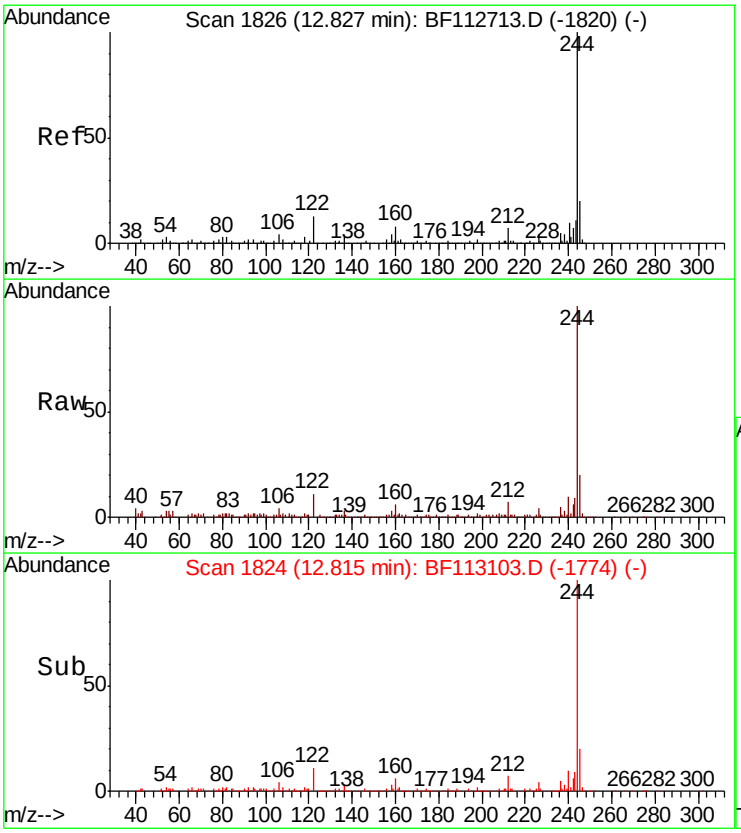
#78
Pyrene
Concen: 2.453 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion:202 Resp: 88016

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.2	14.4	21.6

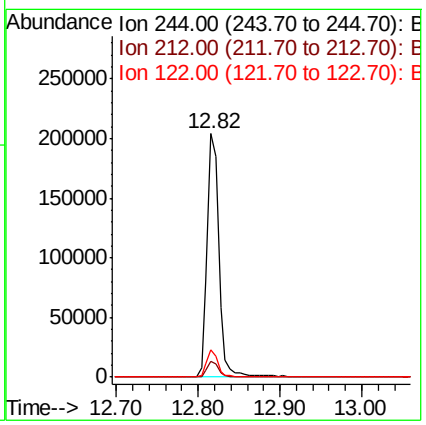


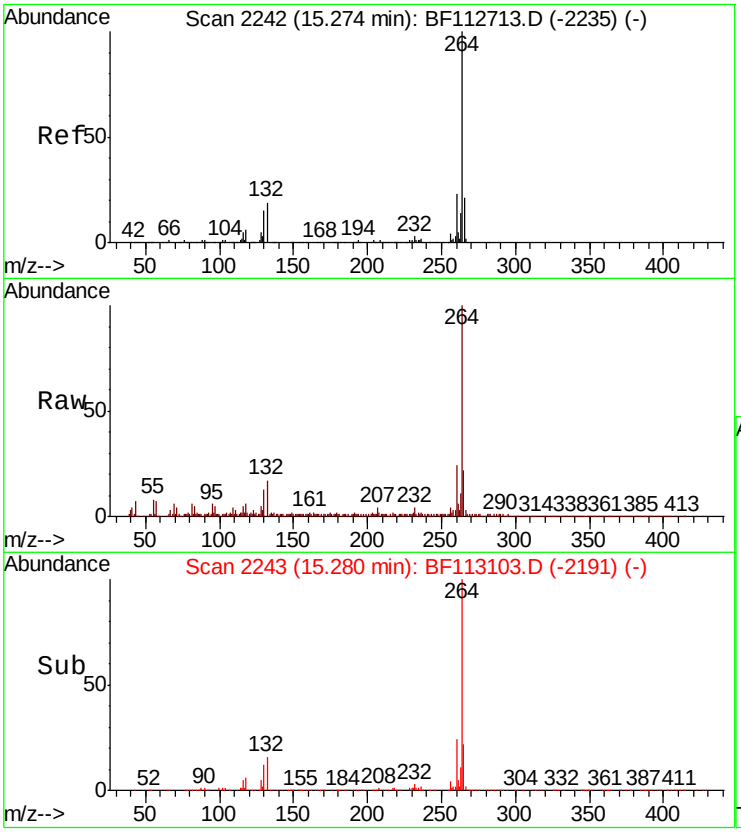


#79
Terphenyl-d14
Concen: 9.363 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion:244 Resp: 205602

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.3	10.5	15.7



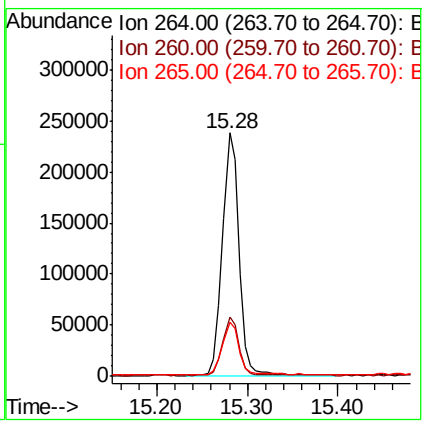


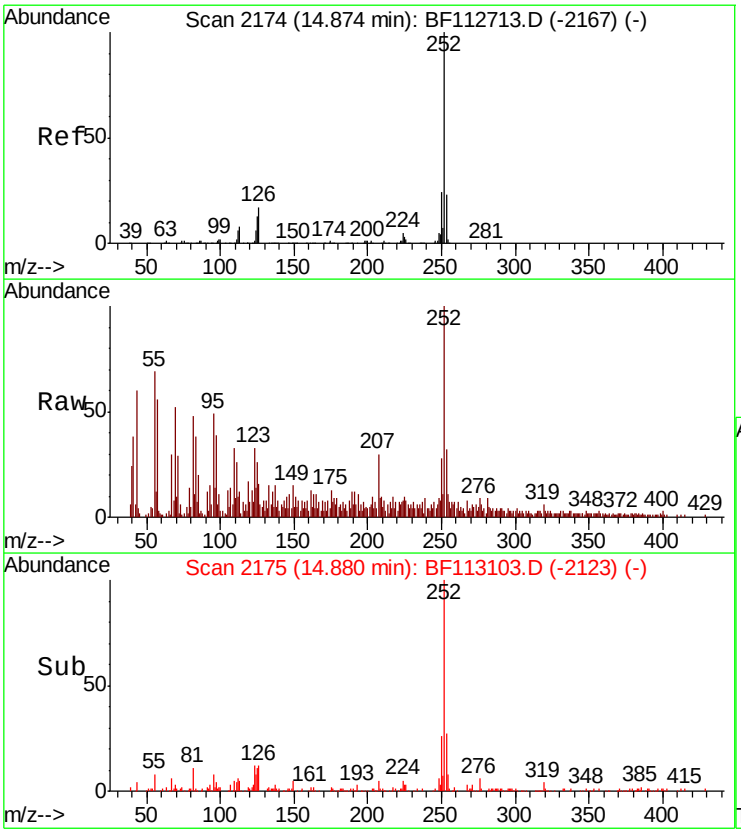
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion:264 Resp: 300131

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.4	17.2	25.8

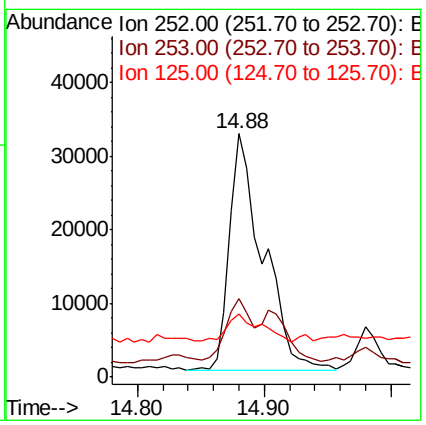


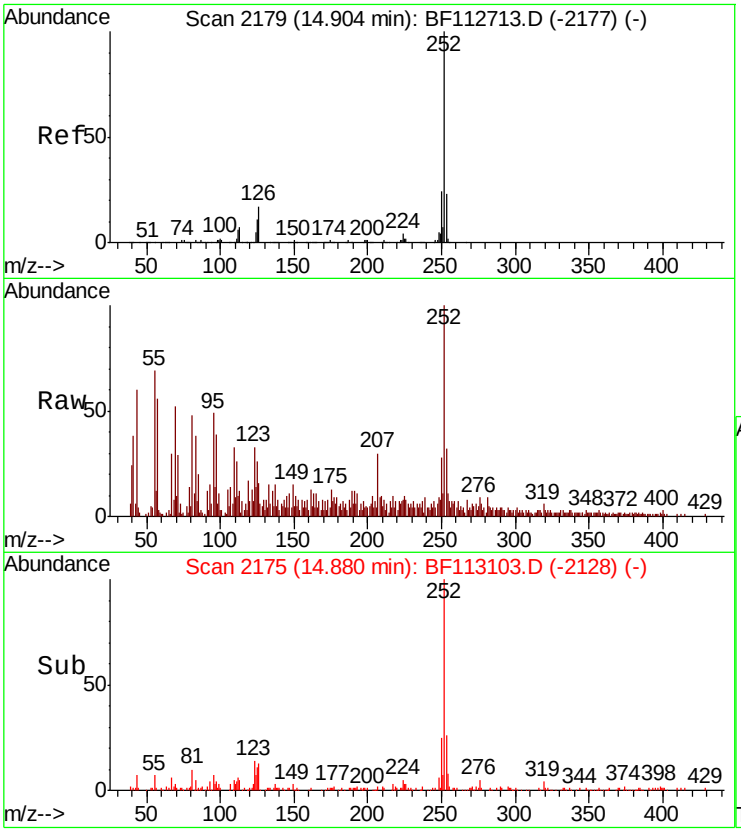


#88
Benzo(b)fluoranthene
Concen: 3.006 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion:252 Resp: 58350

Ion	Ratio	Lower	Upper
252	100		
253	32.0	18.0	27.0#
125	26.2	10.2	15.2#





#89
Benzo(k)fluoranthene
Concen: 3.318 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tgt Ion:252 Resp: 58350

Ion	Ratio	Lower	Upper
252	100		
253	32.0	18.2	27.2#
125	26.2	9.8	14.6#