Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
Data File : BF111303.D
Acq On : 12 Dec 2018 3:49
Operator : JU/SJ
Sample : J6193-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-121018-C

Quant Time: Dec 12 04:33:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	250894	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	978324	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	422766	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	665318	20.00	ng		0.00
76) Chrysene-d12	13.95	240	588128	20.00	ng		0.00
87) Perylene-d12	15.39	264	426907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	393464	24.76	ng		0.00
7) Phenol-d6	6.42	99	498657	25.25	ng		-0.01
23) Nitrobenzene-d5	7.35	82	287870	16.50	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	80378	21.46	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	515065	14.25	ng		-0.01
79) Terphenyl-d14	12.90	244	408876	16.68	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	366	Below Cal		#	75
25) Isophorone	7.35	82	281754	9.484	ng	#	64
46) 1,1'-Biphenyl	9.25	154	3540	Below Cal			89
50) Dimethylphthalate	9.55	163	89166	2.858	ng		98
51) 2,6-Dinitrotoluene	9.83	165	56952	8.267	ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	56952	6.706	ng	#	25
71) Phenanthrene	11.34	178	91570	2.729	ng		94
75) Fluoranthene	12.53	202	223200	7.281	ng		97
78) Pyrene	12.75	202	201389	4.792	ng		97
81) Benzo(a)anthracene	13.94	228	129448	3.945	ng		99
83) Chrysene	13.97	228	112139	3.315	ng		99
88) Benzo(b)fluoranthene	14.97	252	154348	6.538	ng	#	91
89) Benzo(k)fluoranthene	14.97	252	154348	6.954	ng	#	90
90) Benzo(a)pyrene	15.33	252	73565	3.384	ng		97

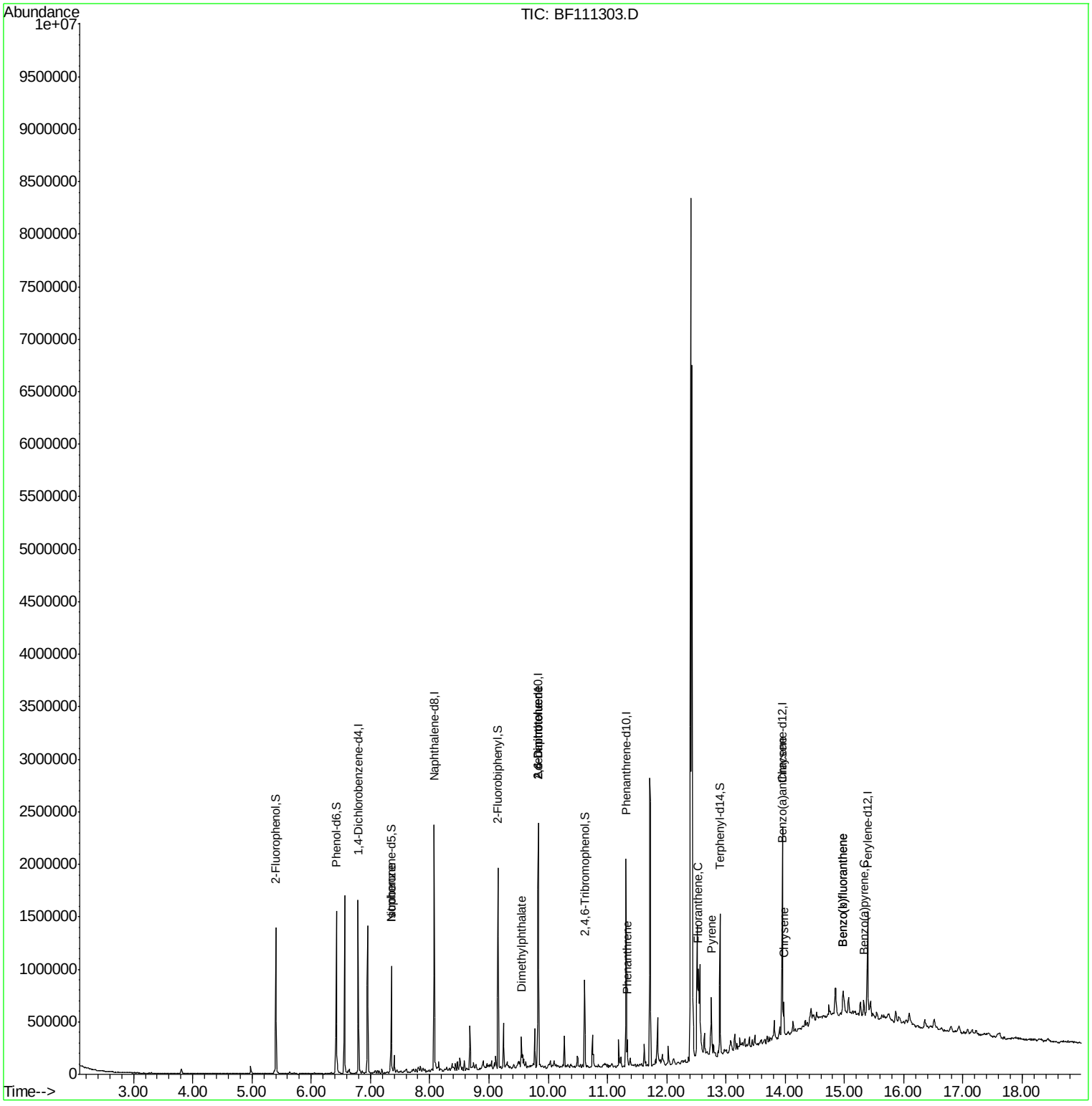
(#) = qualifier out of range (m) = manual integration (+) = signals summed

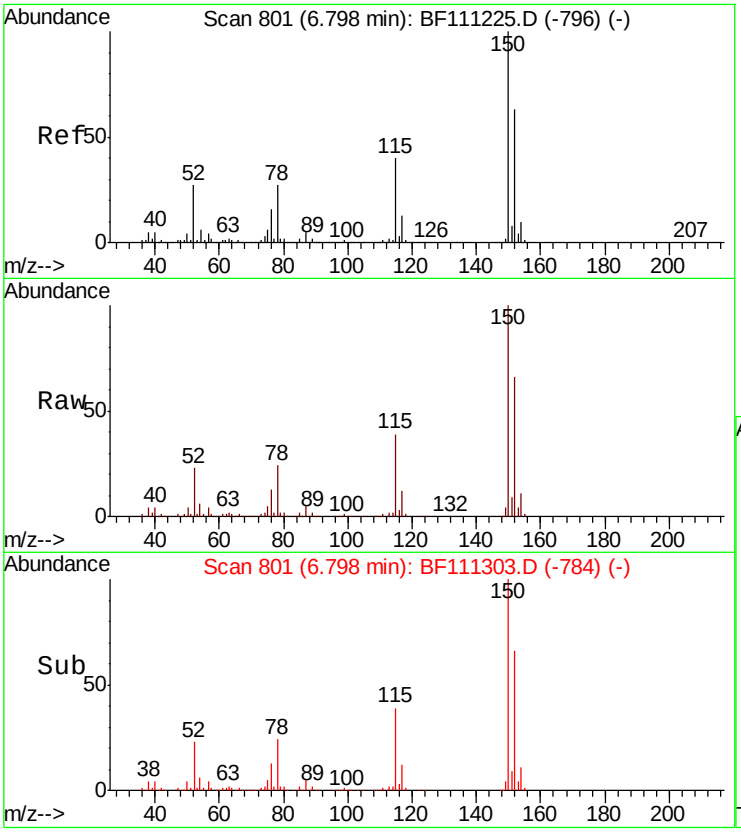
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
Data File : BF111303.D
Acq On : 12 Dec 2018 3:49
Operator : JU/SJ
Sample : J6193-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Quant Time: Dec 12 04:33:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration



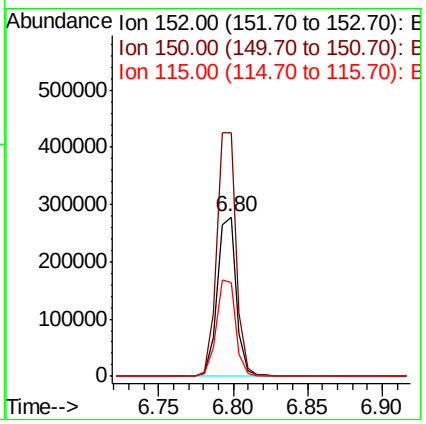


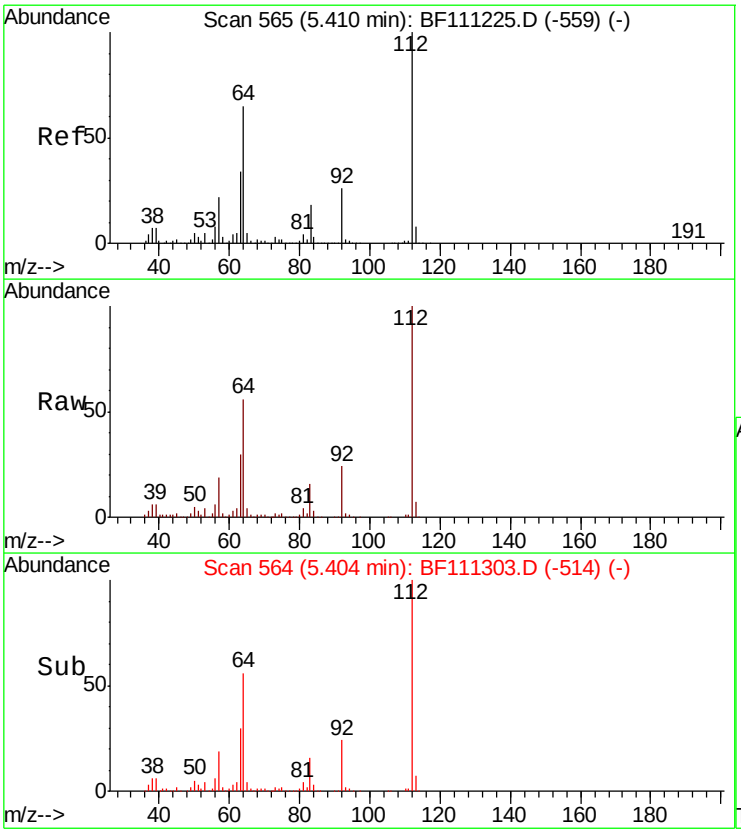
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:152 Resp: 250894

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.6	189.8
115	58.7	50.7	76.1

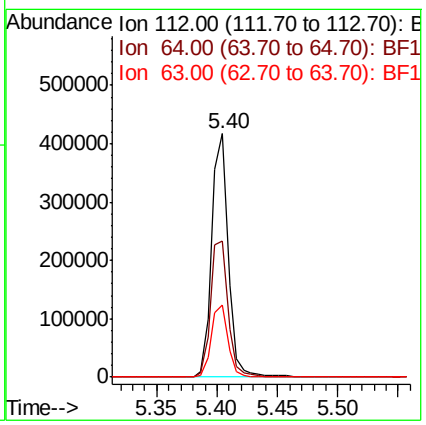


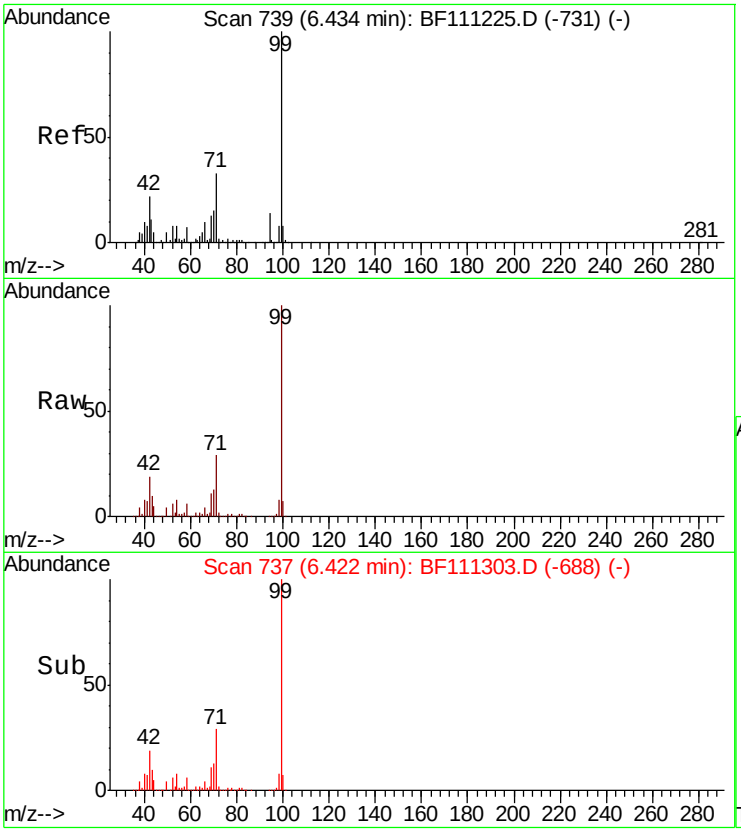


#5
2-Fluorophenol
Concen: 24.764 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:112 Resp: 393464

Ion	Ratio	Lower	Upper
112	100		
64	56.0	51.8	77.6
63	29.8	26.8	40.2



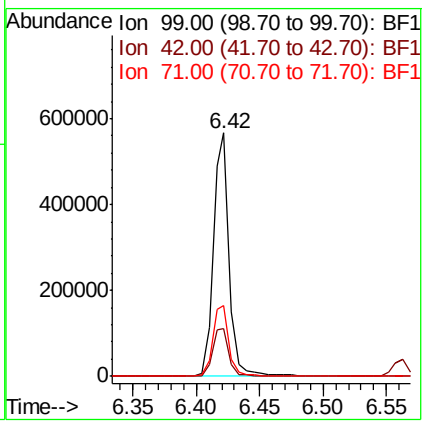


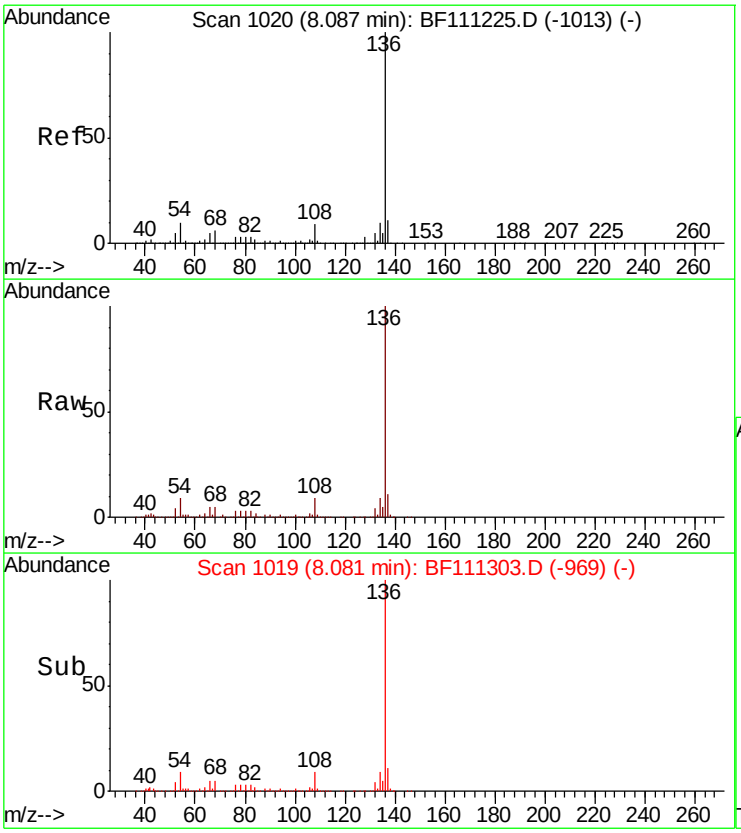
#7
Phenol-d6
Concen: 25.254 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion: 99 Resp: 498657

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.4	26.0
71	28.9	26.1	39.1

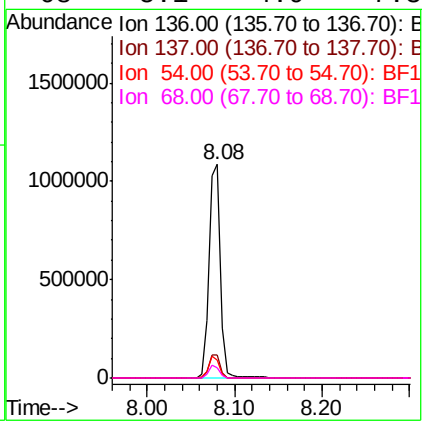


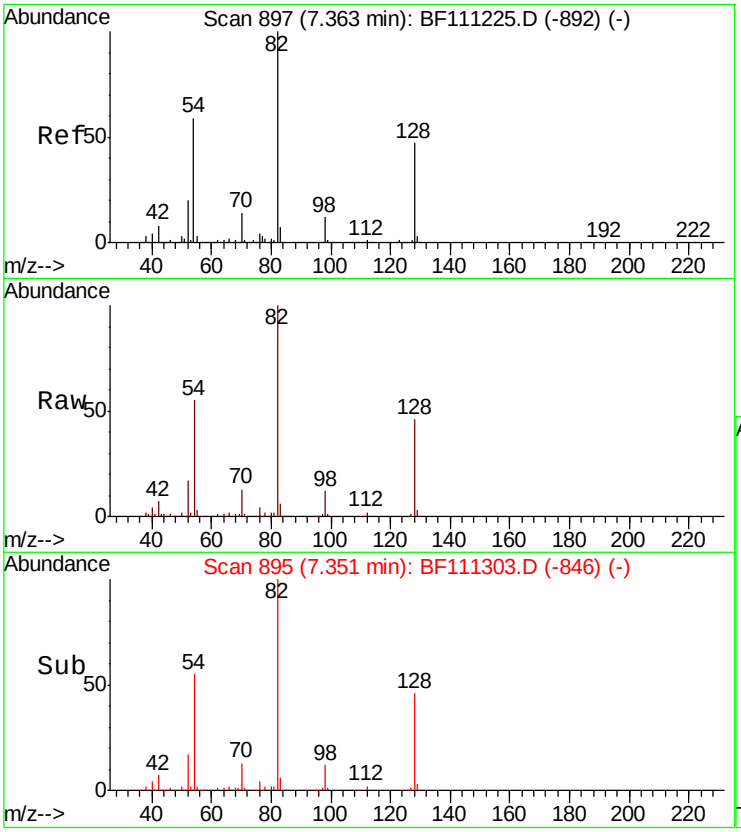


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:136 Resp: 978324

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.5	7.7	11.5
68	5.1	4.9	7.3



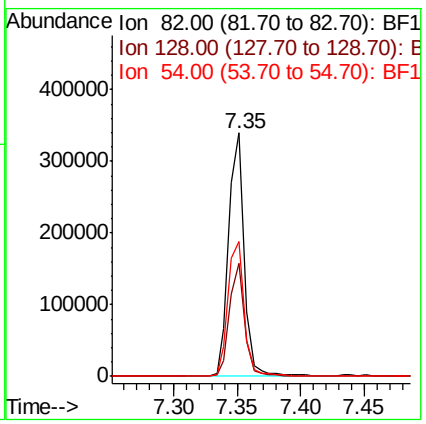


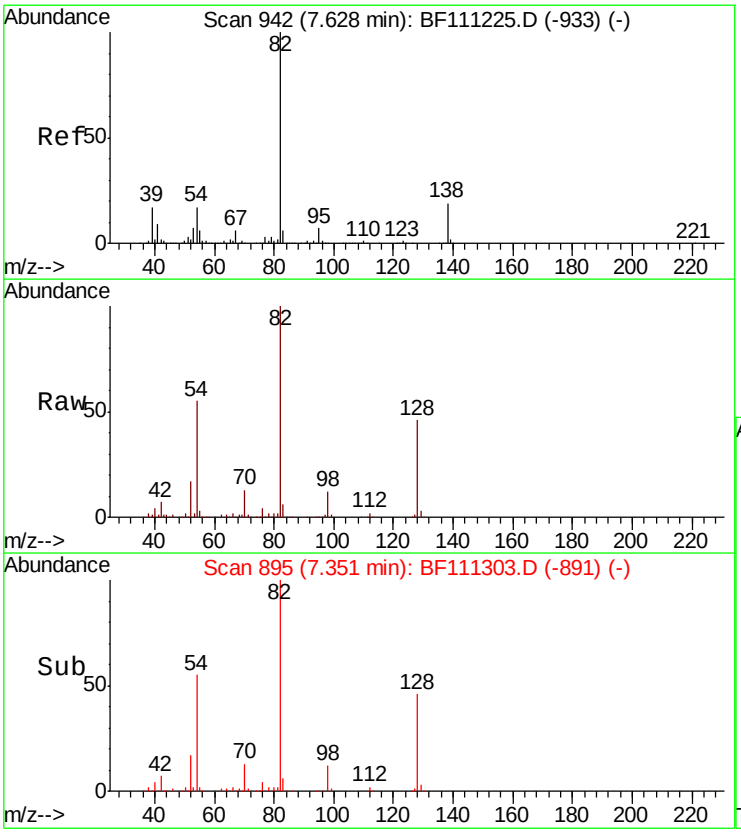
#23
Nitrobenzene-d5
Concen: 16.504 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion: 82 Resp: 287870

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.2
54	55.5	47.6	71.4

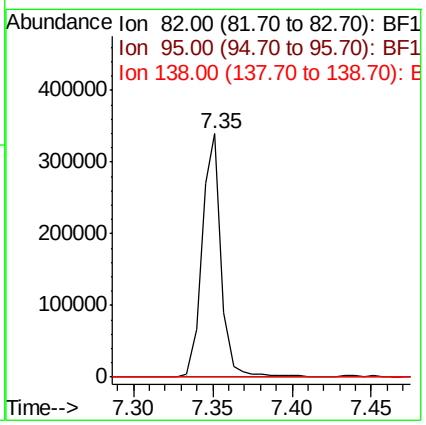


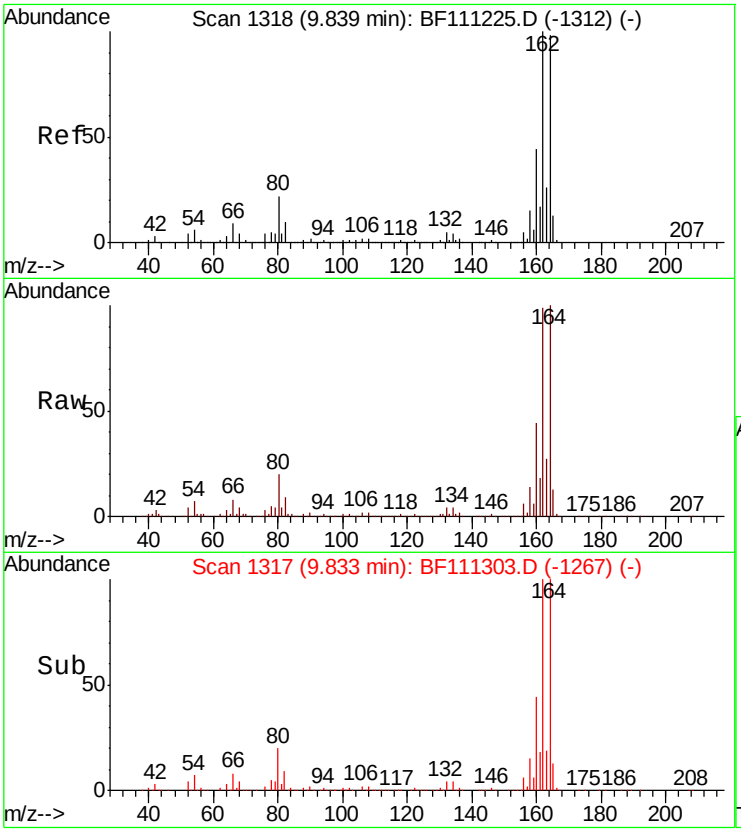


#25
Isophorone
Concen: 9.484 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion: 82 Resp: 281754

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	15.1	22.7#



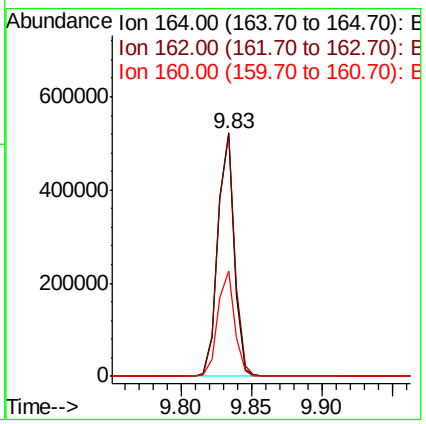


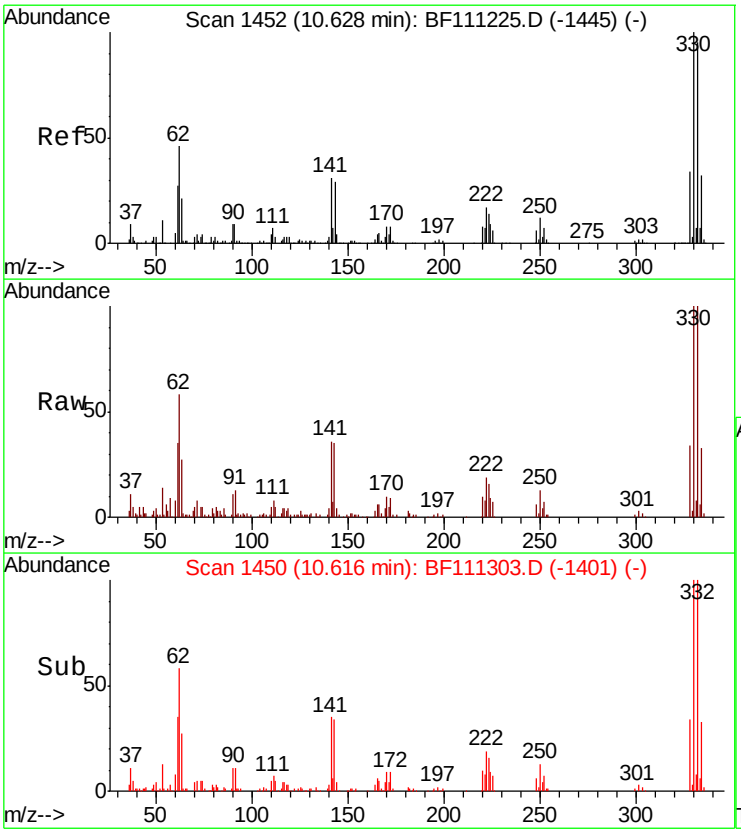
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:164 Resp: 422766

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.4	122.0
160	43.5	35.7	53.5

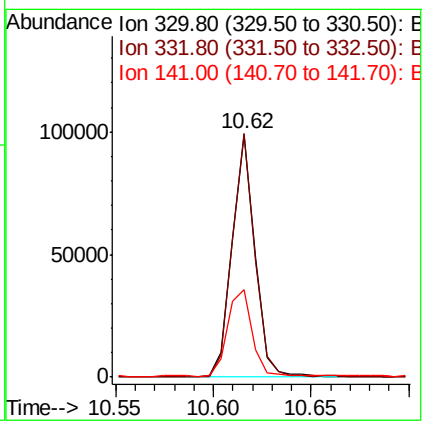


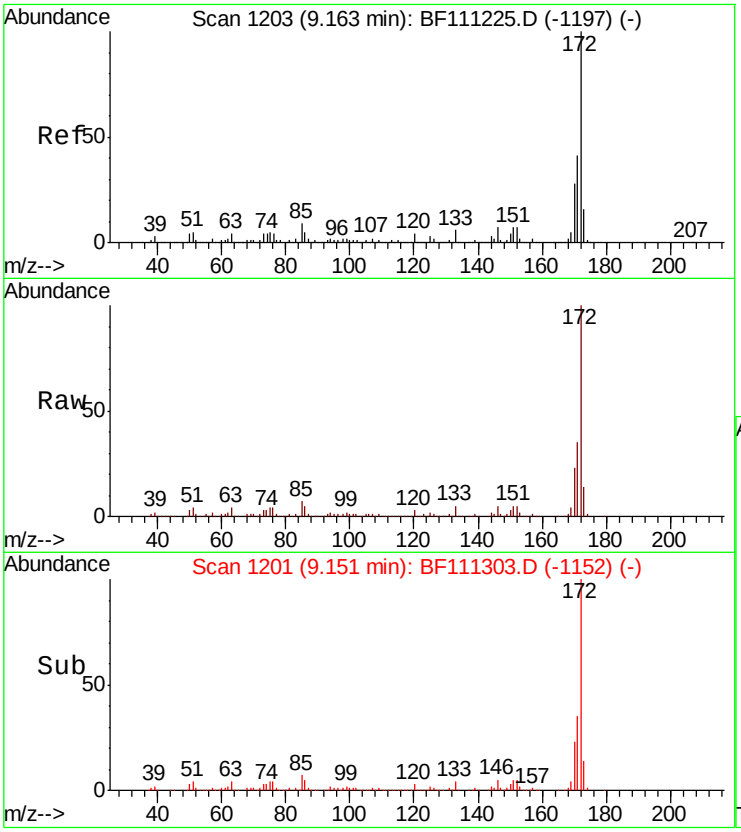


#42
2,4,6-Tribromophenol
Concen: 21.463 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:330 Resp: 80378

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.0	114.0
141	38.4	31.0	46.6



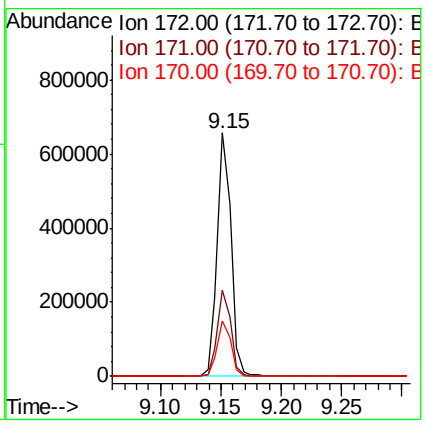


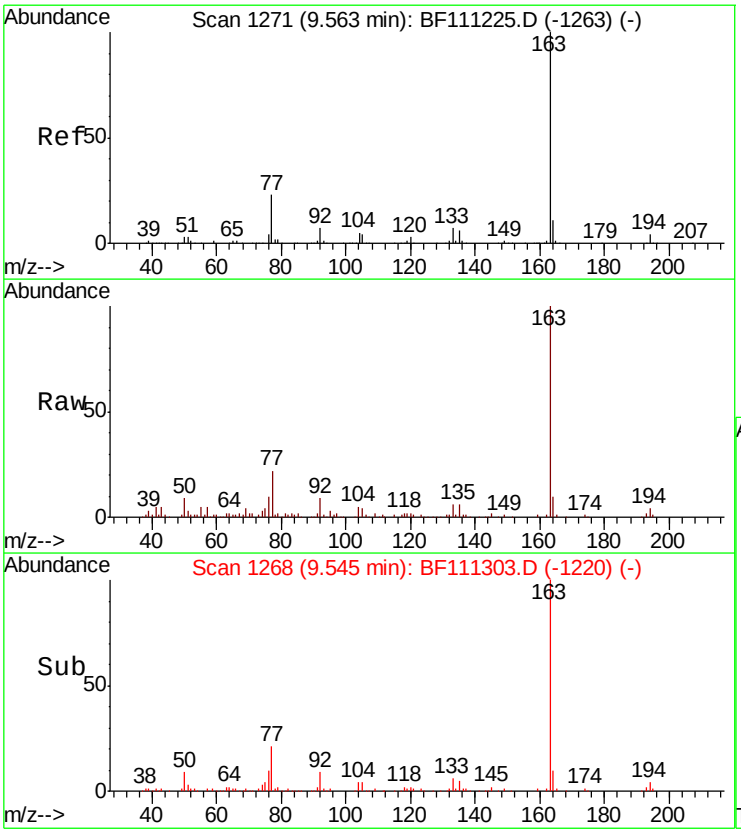
#45
2-Fluorobiphenyl
Concen: 14.248 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:172 Resp: 515065

Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	22.9	22.3	33.5

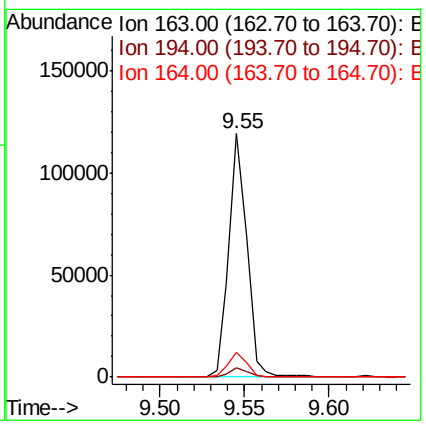


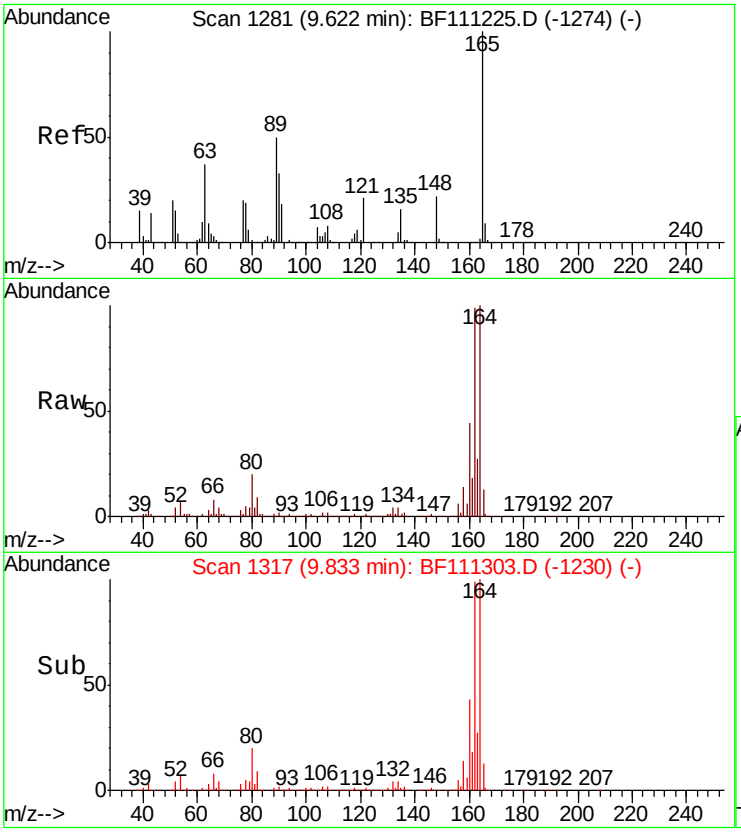


#50
Dimethylphthalate
Concen: 2.858 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:163 Resp: 89166

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.0	8.9	13.3



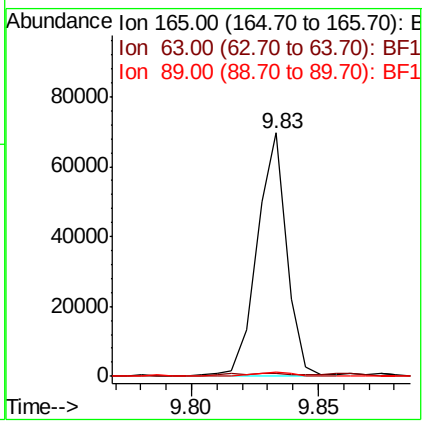


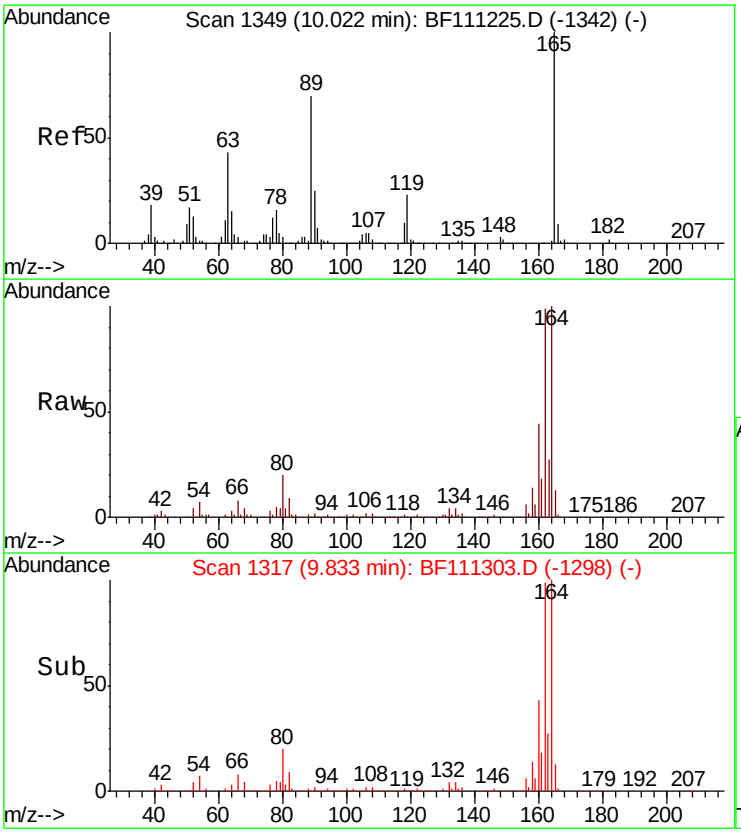
#51
2,6-Dinitrotoluene
Concen: 8.267 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:165 Resp: 56952

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.5	60.7#
89	1.8	40.0	60.0#

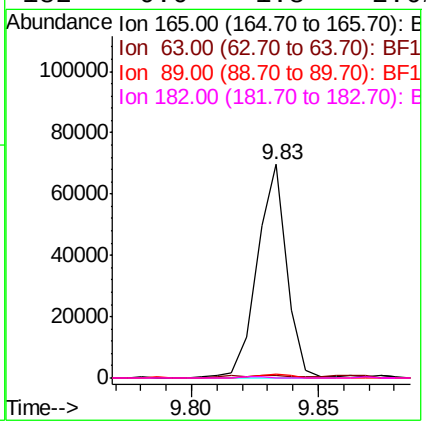


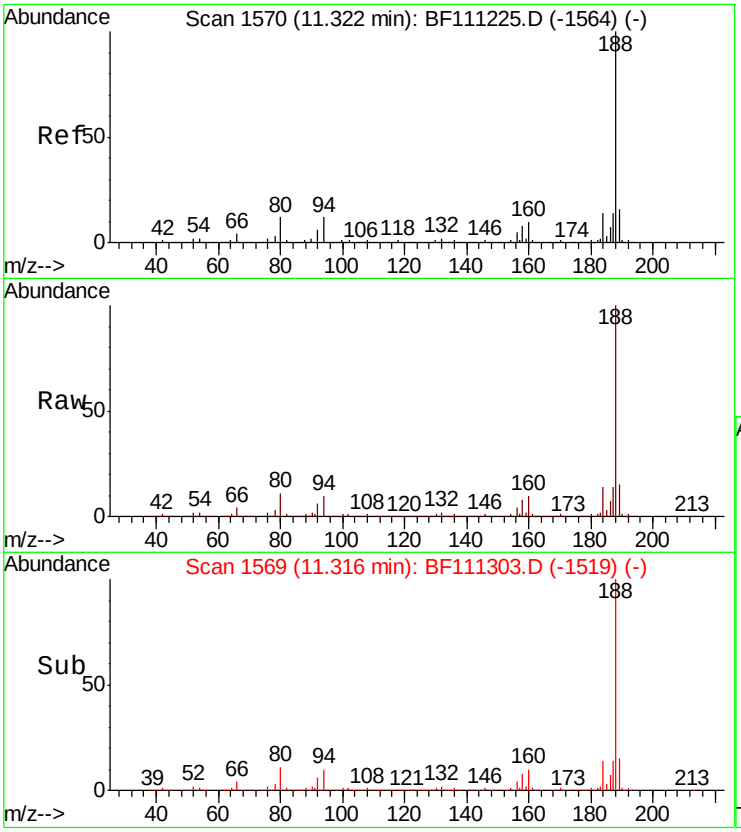


#57
2,4-Dinitrotoluene
Concen: 6.706 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:165 Resp: 56952

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



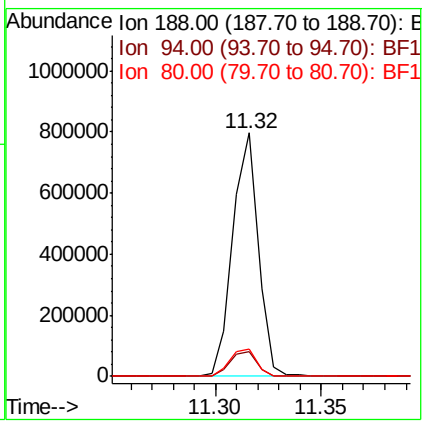


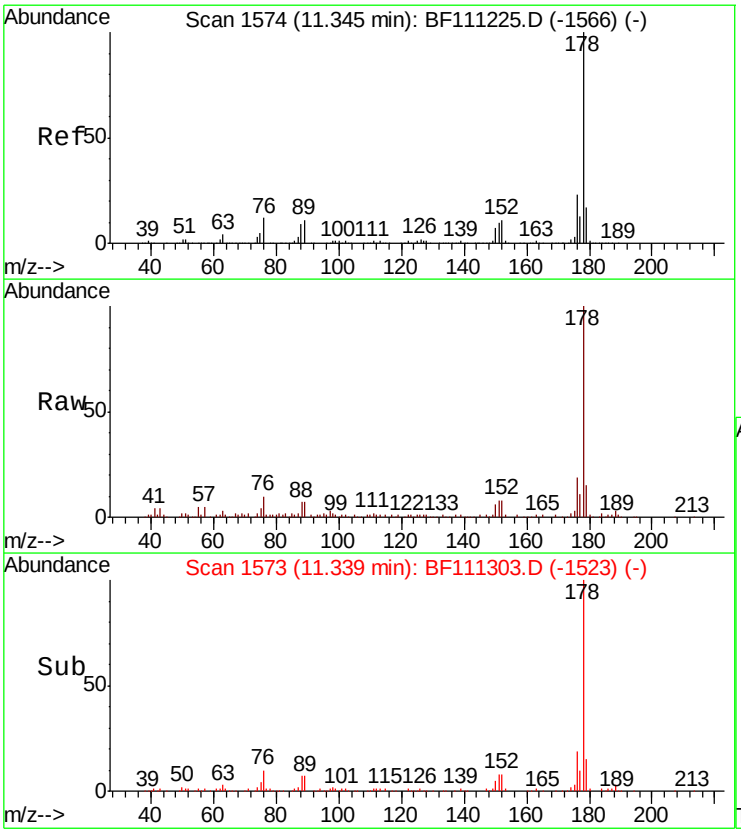
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:188 Resp: 665318

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	11.1	9.8	14.6

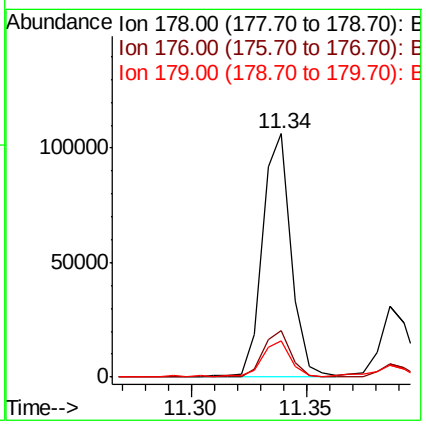


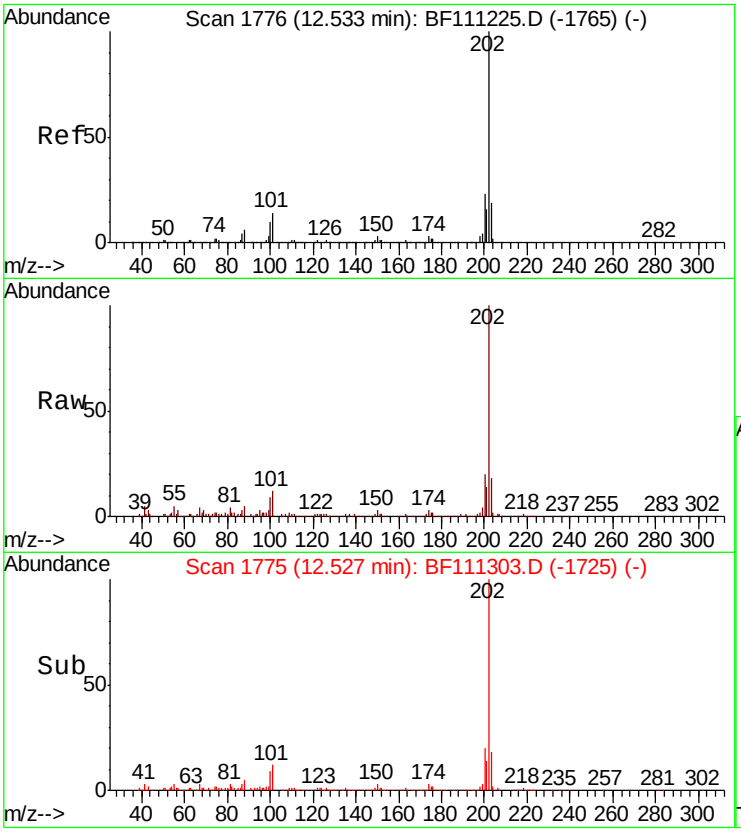


#71
Phenanthrene
Concen: 2.729 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:178 Resp: 91570

Ion	Ratio	Lower	Upper
178	100		
176	19.3	18.1	27.1
179	15.1	14.0	21.0



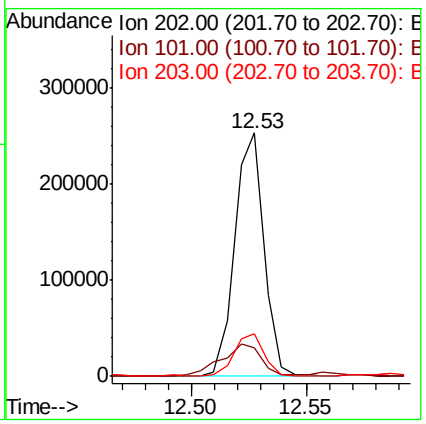


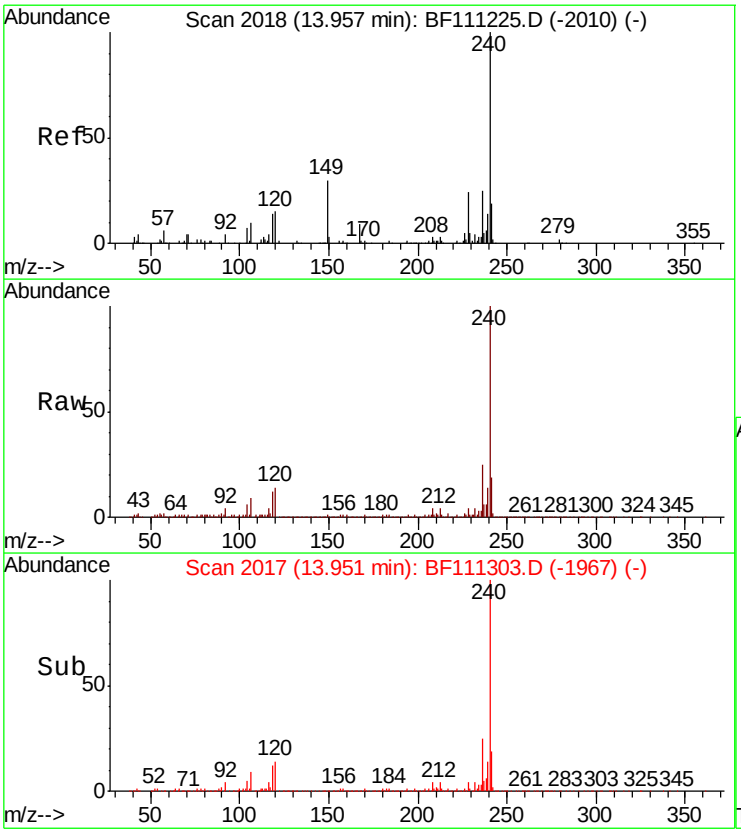
#75
Fluoranthene
Concen: 7.281 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:202 Resp: 223200

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	17.7	0.0	38.6

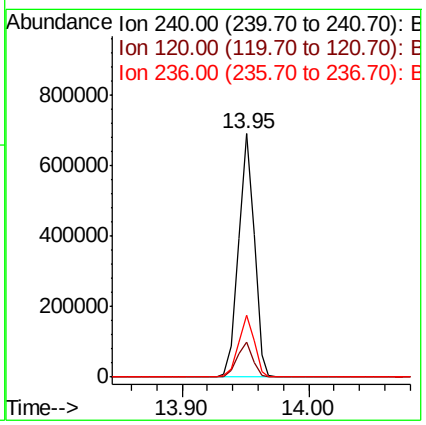


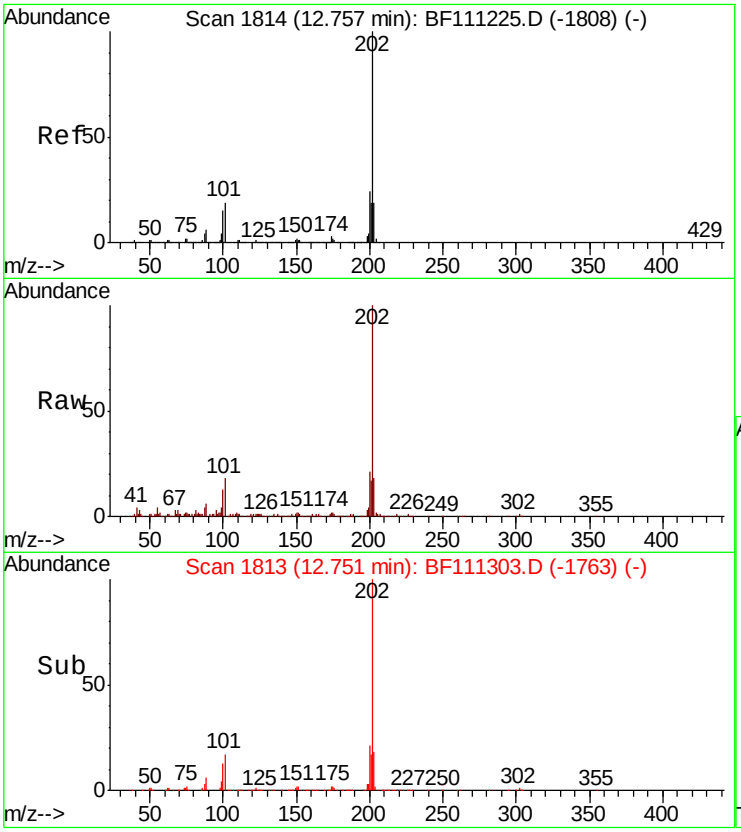


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:240 Resp: 588128

Ion	Ratio	Lower	Upper
240	100		
120	14.3	12.2	18.2
236	25.2	20.2	30.2



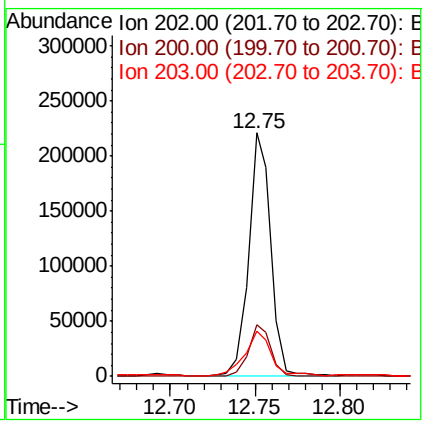


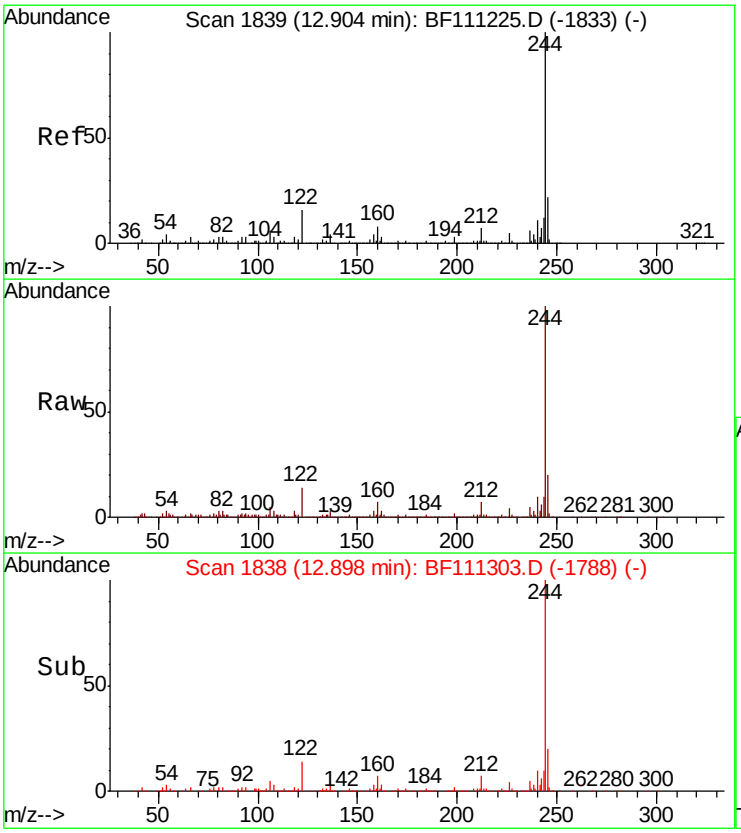
#78
Pyrene
Concen: 4.792 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:202 Resp: 201389

Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.0	28.4
203	18.5	15.2	22.8

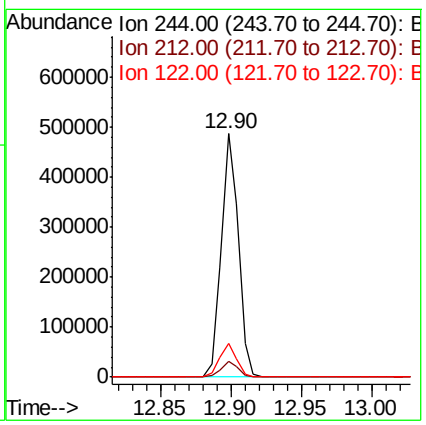


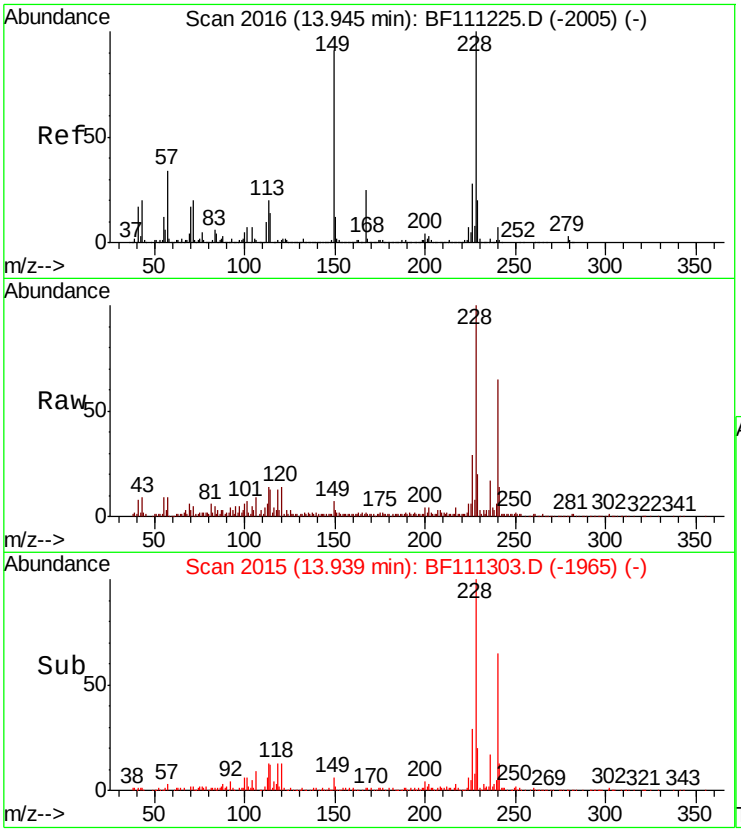


#79
Terphenyl-d14
Concen: 16.676 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:244 Resp: 408876

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	13.8	13.1	19.7



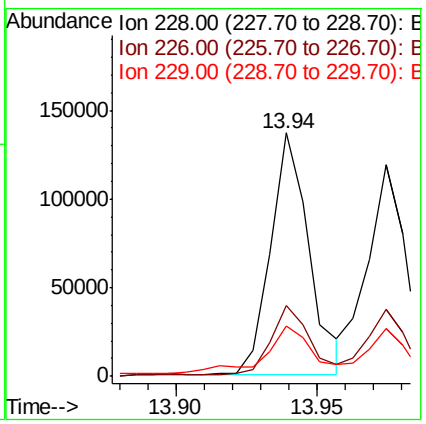


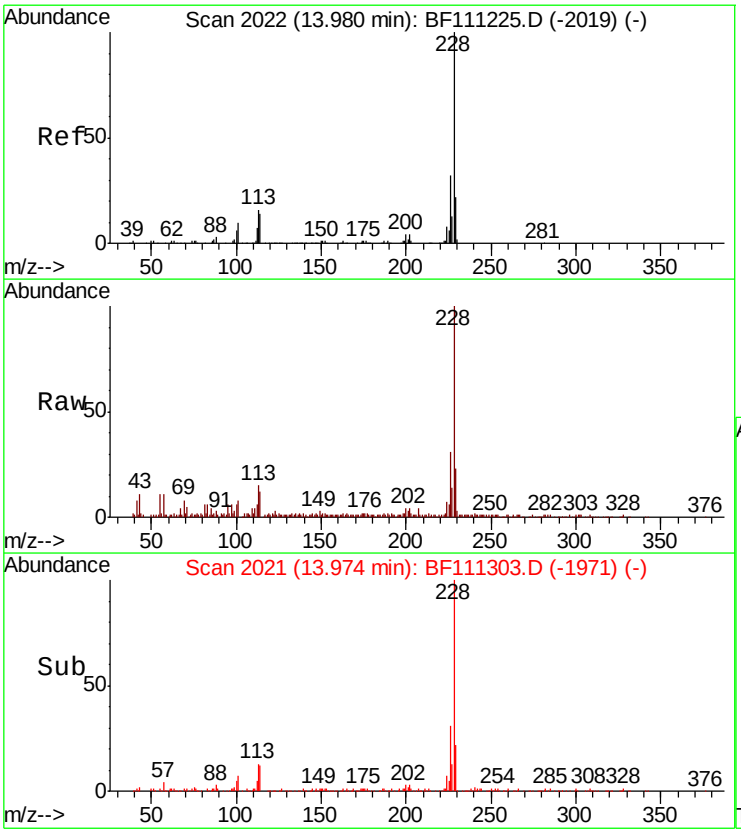
#81
Benzo(a)anthracene
Concen: 3.945 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:228 Resp: 129448

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	20.5	16.3	24.5

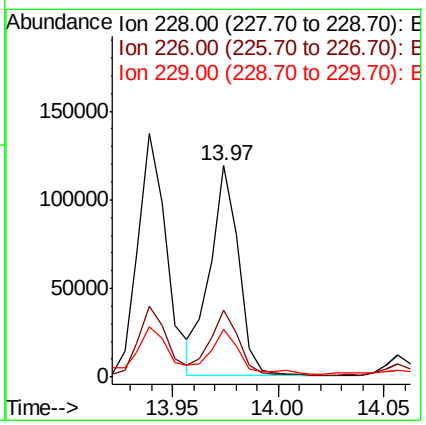


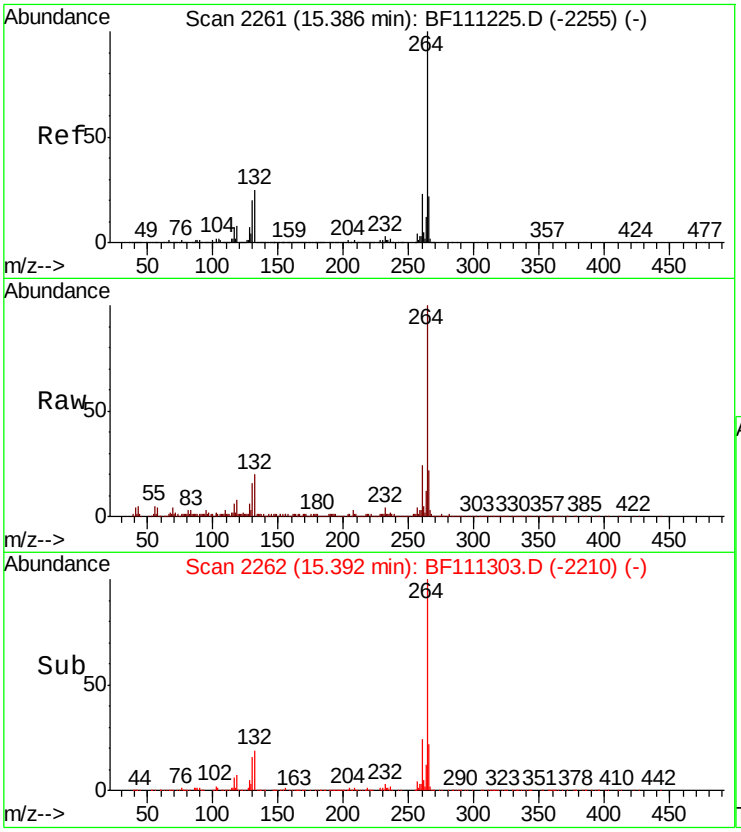


#83
Chrysene
Concen: 3.315 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:228 Resp: 112139

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.3	37.9
229	22.7	17.2	25.8



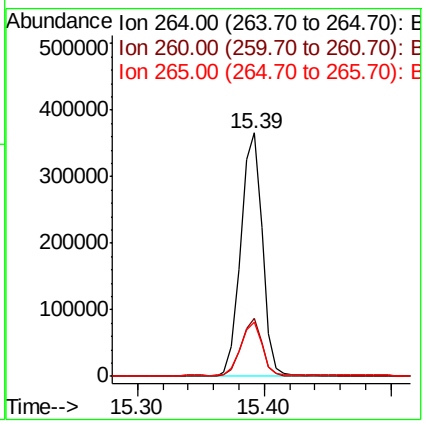


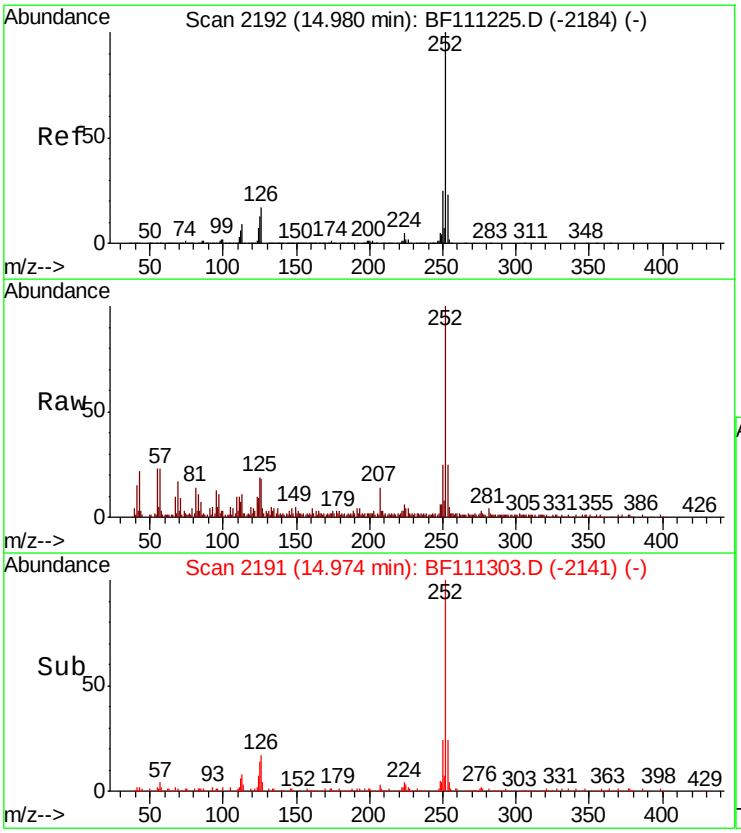
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:264 Resp: 426907

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.1	17.7	26.5

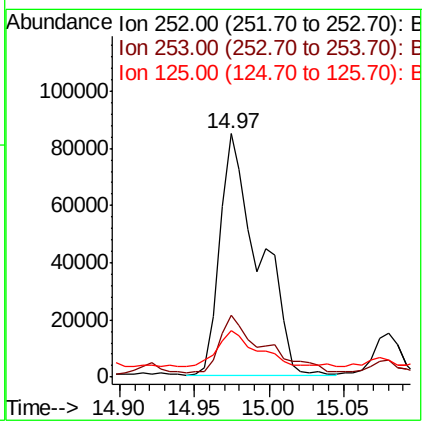


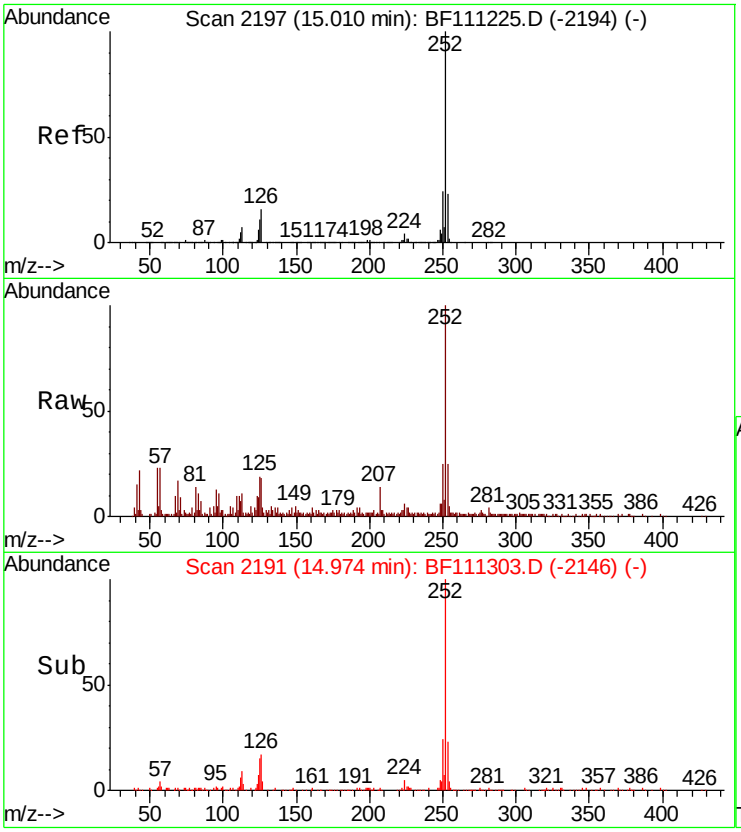


#88
Benzo(b)fluoranthene
Concen: 6.538 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:252 Resp: 154348

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.2
125	19.1	10.4	15.6#



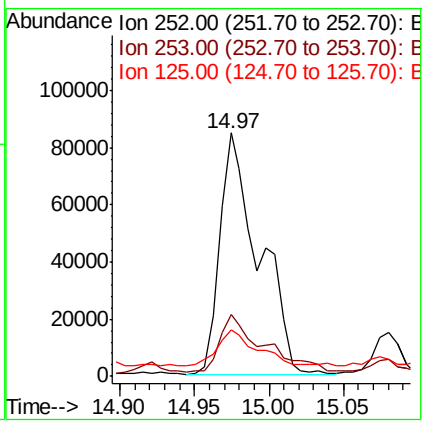


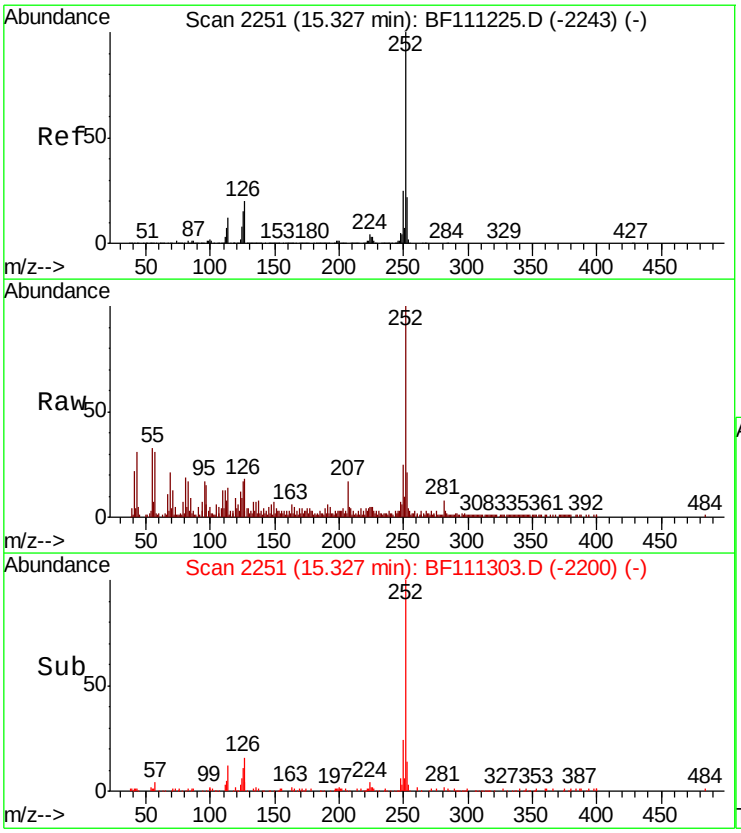
#89
Benzo(k)fluoranthene
Concen: 6.954 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-C

Tgt Ion:252 Resp: 154348

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	19.1	9.8	14.8#





#90
Benzo(a)pyrene
Concen: 3.384 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BF111303.D
Acq: 12 Dec 2018 3:49

Tgt Ion:252 Resp: 73565

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	17.4	12.3	18.5