Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111116.D
Acq On : 5 Dec 2018 19:26
Operator : JU/SJ
Sample : J5764-23 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-113018-B

Quant Time: Dec 06 01:07:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	555214	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2135977	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	947091	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1393410	20.00	ng		0.00
76) Chrysene-d12	13.95	240	1052430	20.00	ng		0.00
87) Perylene-d12	15.39	264	772670	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1565687	44.00	ng		0.00
7) Phenol-d6	6.43	99	2009947	43.85	ng		0.00
23) Nitrobenzene-d5	7.36	82	1186939	32.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	300339	39.89	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2075182	31.51	ng		0.00
79) Terphenyl-d14	12.90	244	1441570	28.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	2480	Below Cal		#	1
10) Phenol	6.43	94	113974	2.281	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	158238	5.137	ng	#	79
25) Isophorone	7.36	82	1182247	17.855	ng	#	65
50) Dimethylphthalate	9.55	163	156630	2.376	ng		96
51) 2,6-Dinitrotoluene	9.84	165	126160	9.028	ng	#	26
54) 2,4-Dinitrophenol	9.93	184	125	6.630	ng	#	27
57) 2,4-Dinitrotoluene	9.84	165	126160	6.990	ng	#	23
71) Phenanthrene	11.34	178	402996	6.013	ng		94
75) Fluoranthene	12.53	202	445489	6.792	ng		97
77) Benzidine	12.71	184	720	Below Cal		#	1
78) Pyrene	12.76	202	412703	5.033	ng		94
81) Benzo(a)anthracene	13.94	228	189112	3.067	ng		98
83) Chrysene	13.98	228	175305	2.864	ng		95
88) Benzo(b)fluoranthene	14.97	252	211585	4.833	ng	#	93
89) Benzo(k)fluoranthene	14.97	252	211585	4.999	ng	#	93
90) Benzo(a)pyrene	15.33	252	112753	2.808	ng	#	93

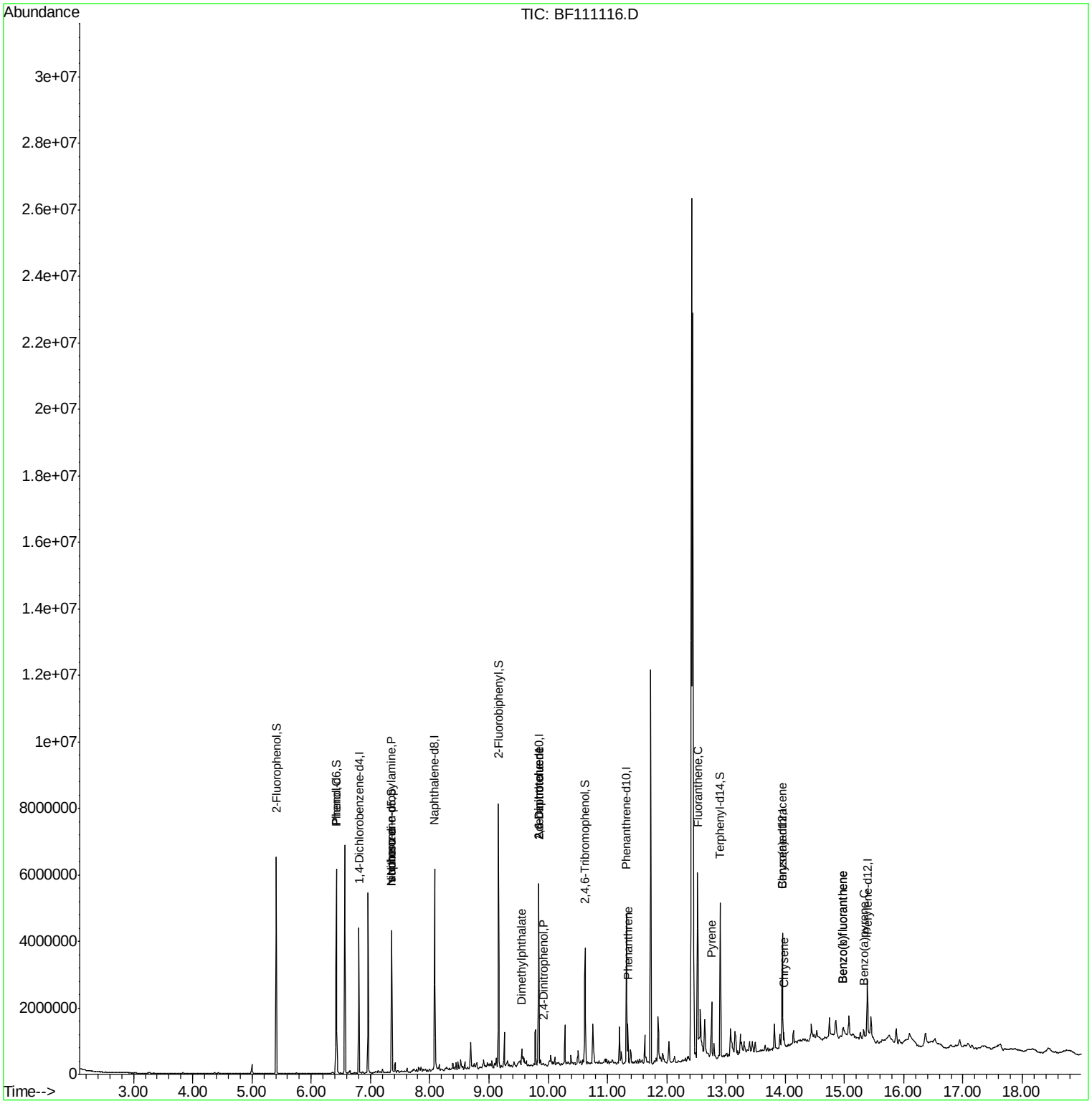
(#) = qualifier out of range (m) = manual integration (+) = signals summed

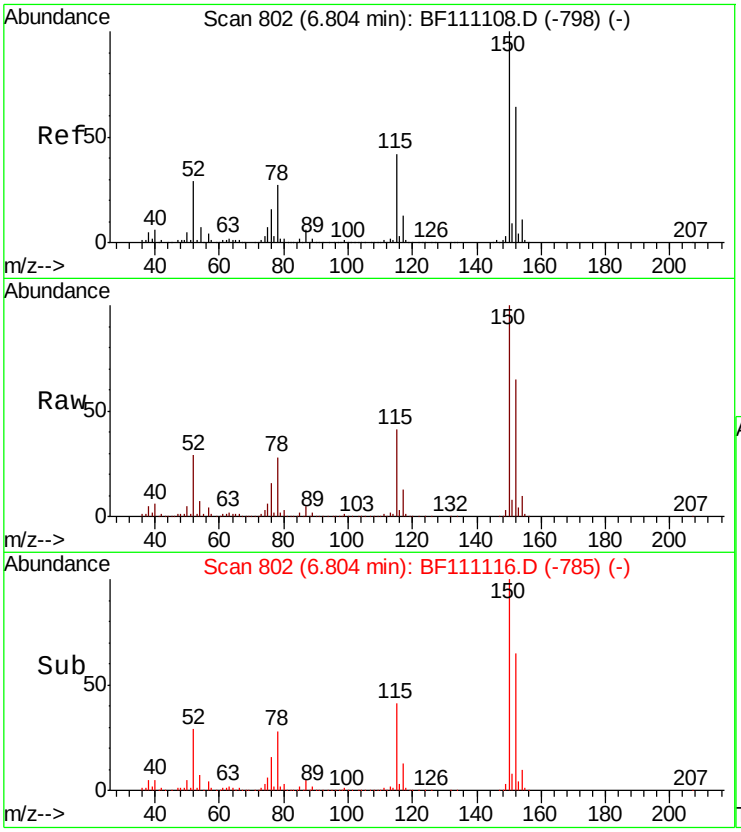
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111116.D
Acq On : 5 Dec 2018 19:26
Operator : JU/SJ
Sample : J5764-23 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-113018-B

Quant Time: Dec 06 01:07:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



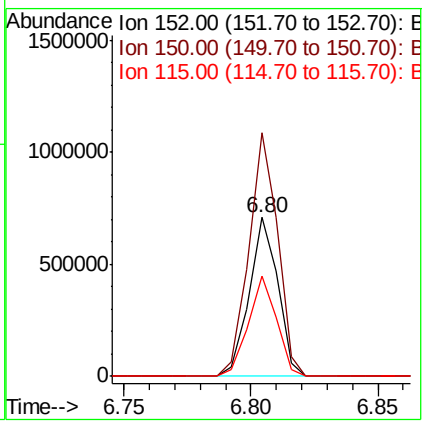


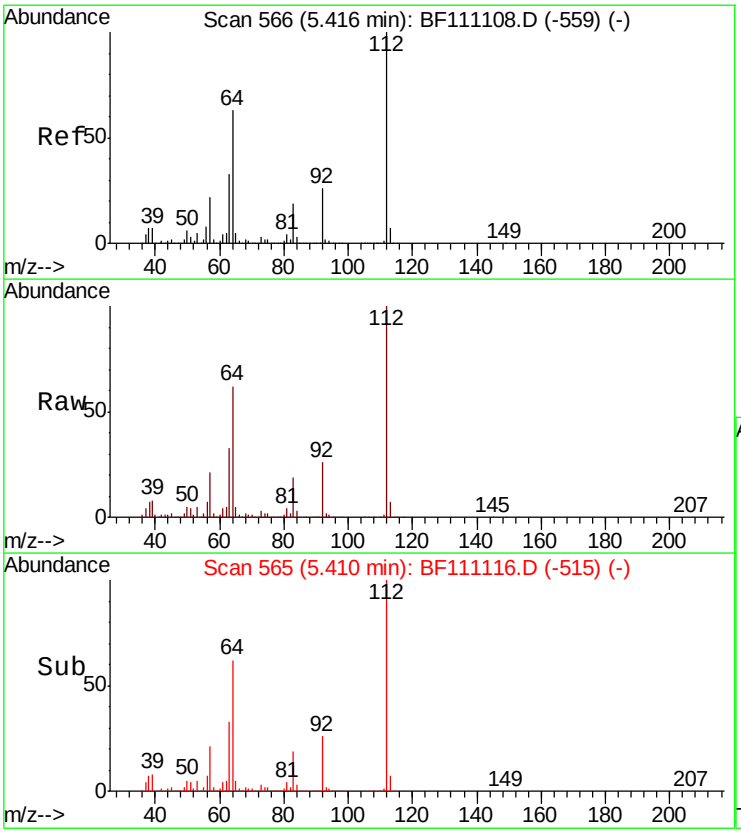
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:152 Resp: 555214

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	187.0
115	63.3	52.2	78.2

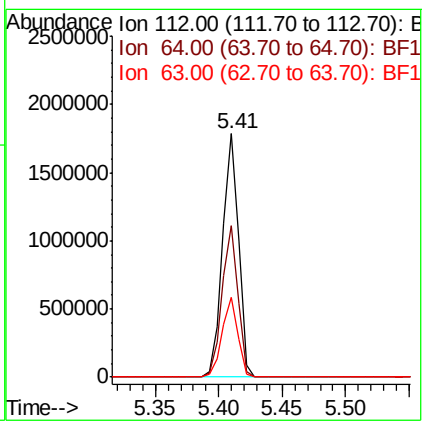


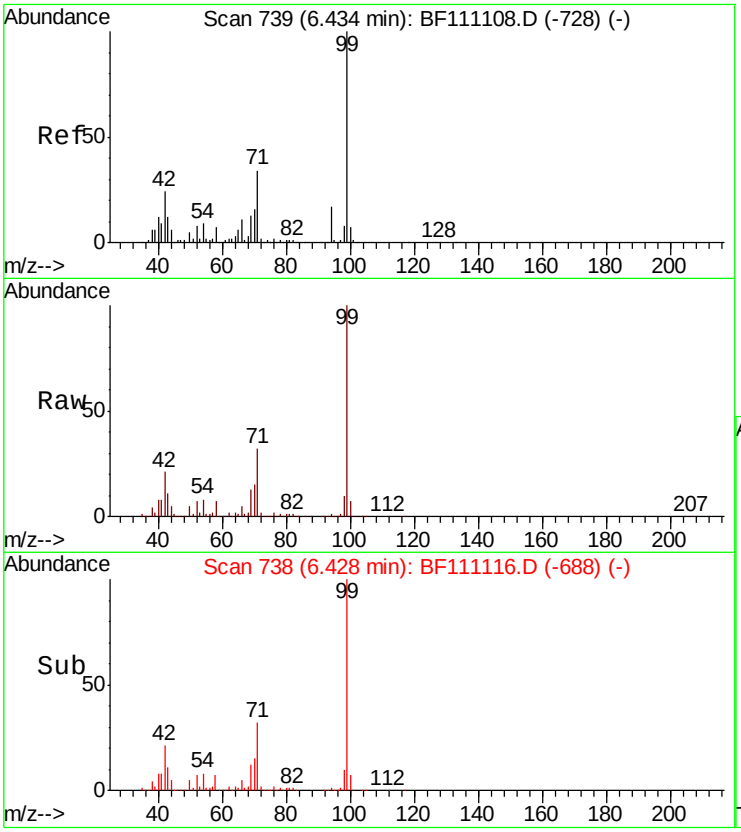


#5
2-Fluorophenol
Concen: 44.004 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:112 Resp: 1565687

Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.2	75.4
63	32.6	26.6	39.8



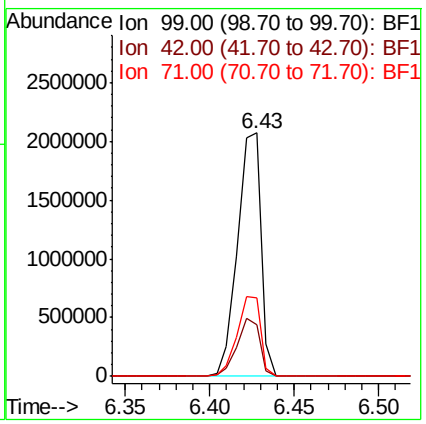


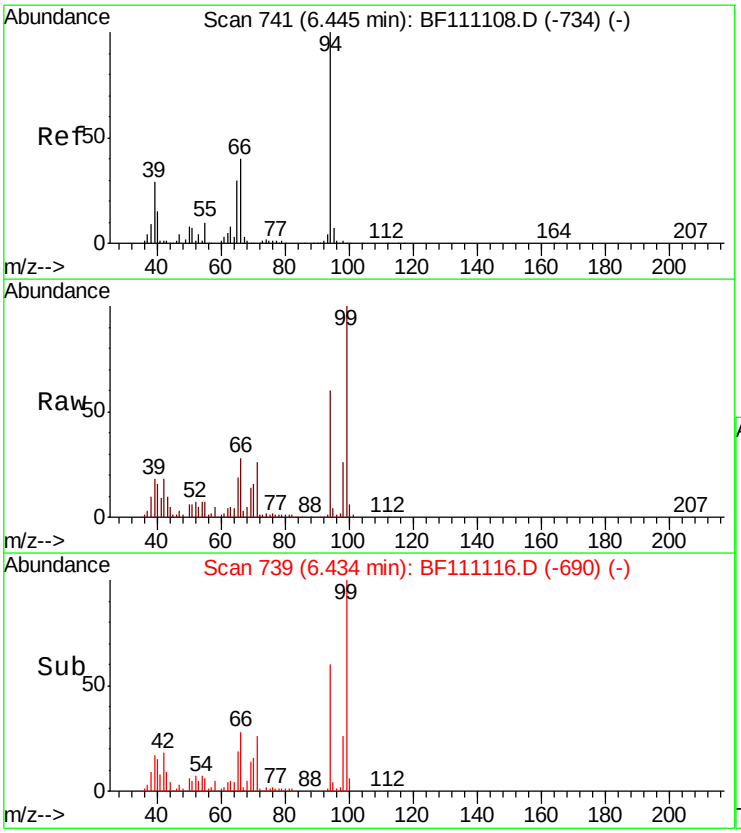
#7
Phenol-d6
Concen: 43.853 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion: 99 Resp: 2009947

Ion	Ratio	Lower	Upper
99	100		
42	21.0	19.3	28.9
71	32.3	27.4	41.2

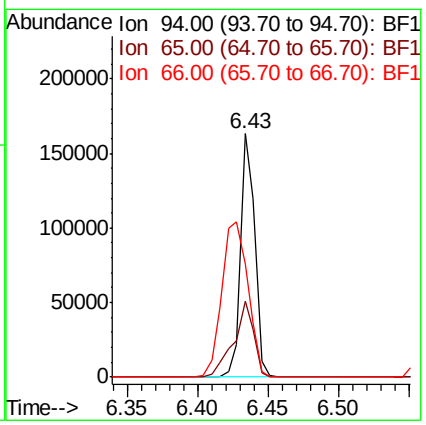


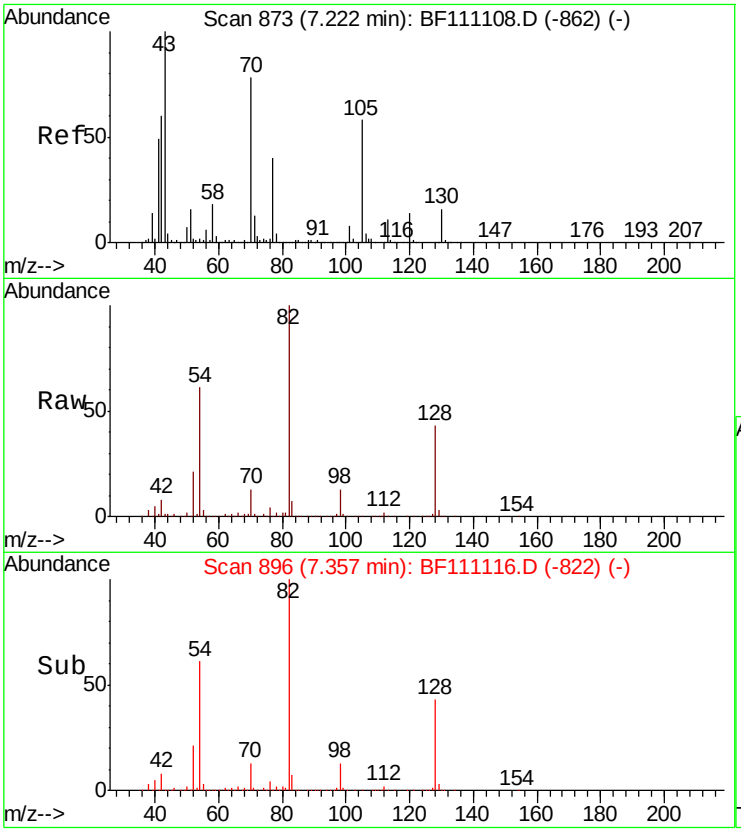


#10
Phenol
Concen: 2.281 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion: 94 Resp: 113974

Ion	Ratio	Lower	Upper
94	100		
65	31.0	10.5	50.5
66	46.3	19.8	59.8



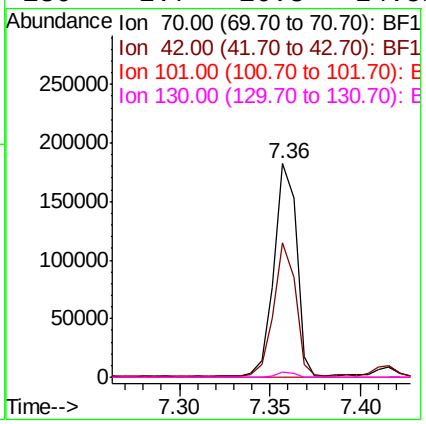


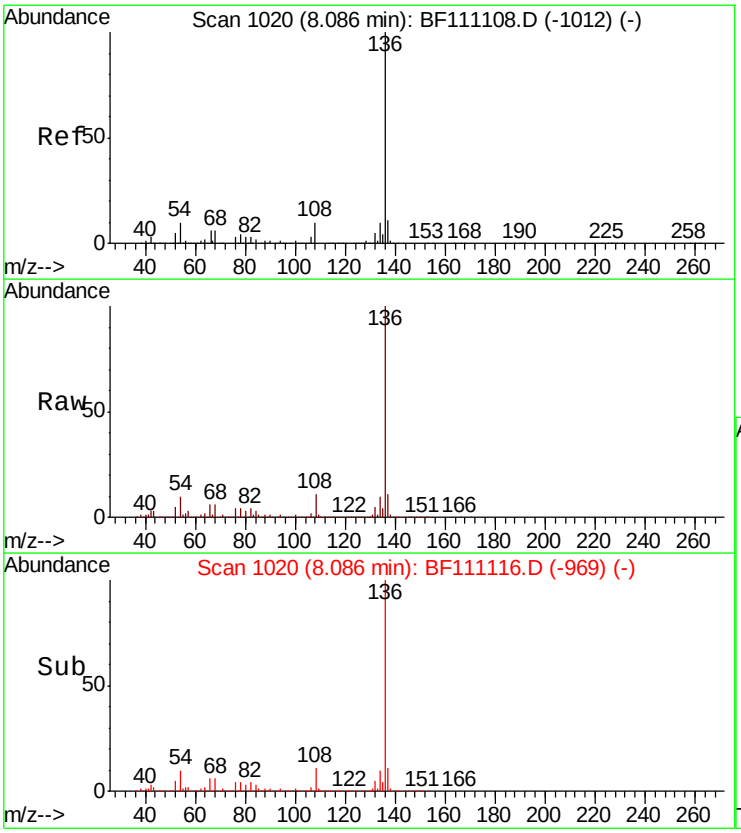
#19
n-Nitroso-di-n-propylamine
Concen: 5.137 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion: 70 Resp: 158238

Ion	Ratio	Lower	Upper
70	100		
42	63.2	61.3	91.9
101	0.0	7.7	11.5#
130	2.7	16.3	24.5#

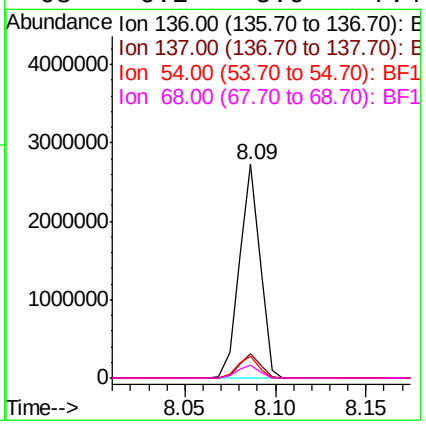


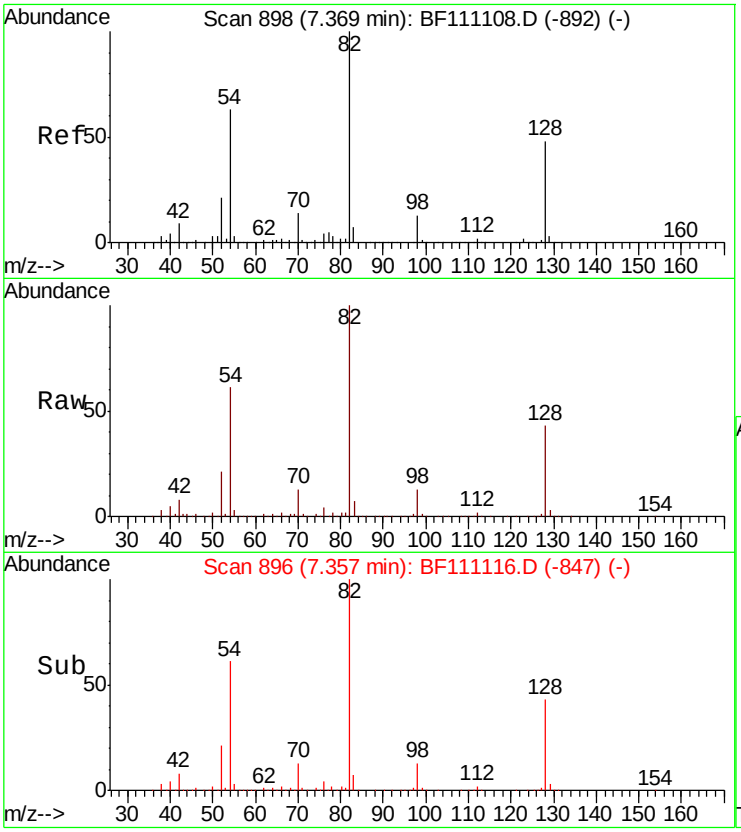


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:136 Resp: 2135977

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.1	8.4	12.6
68	6.2	5.0	7.4



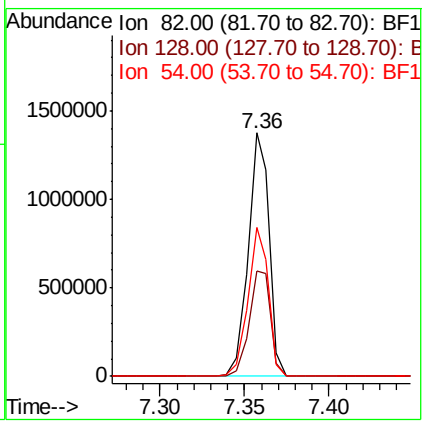


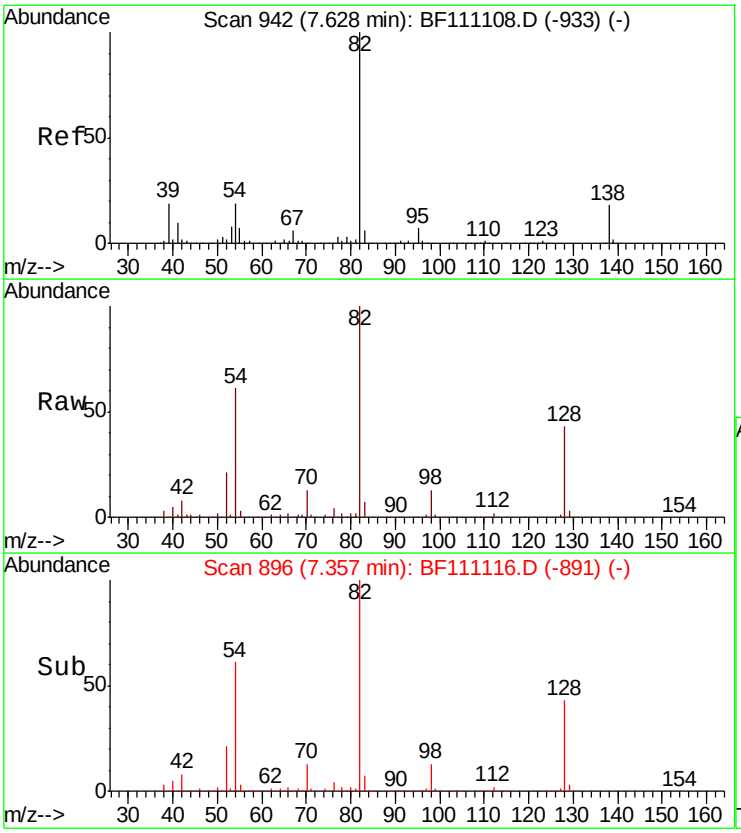
#23
Nitrobenzene-d5
Concen: 32.899 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion: 82 Resp: 1186939

Ion	Ratio	Lower	Upper
82	100		
128	43.3	38.1	57.1
54	61.4	50.3	75.5

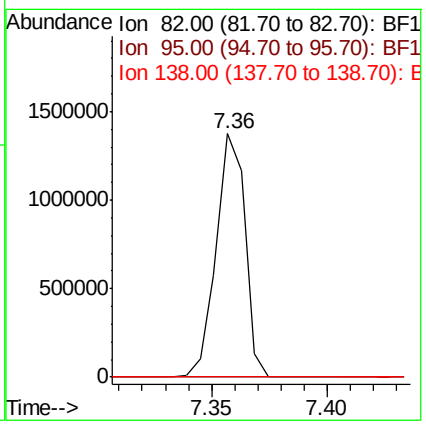


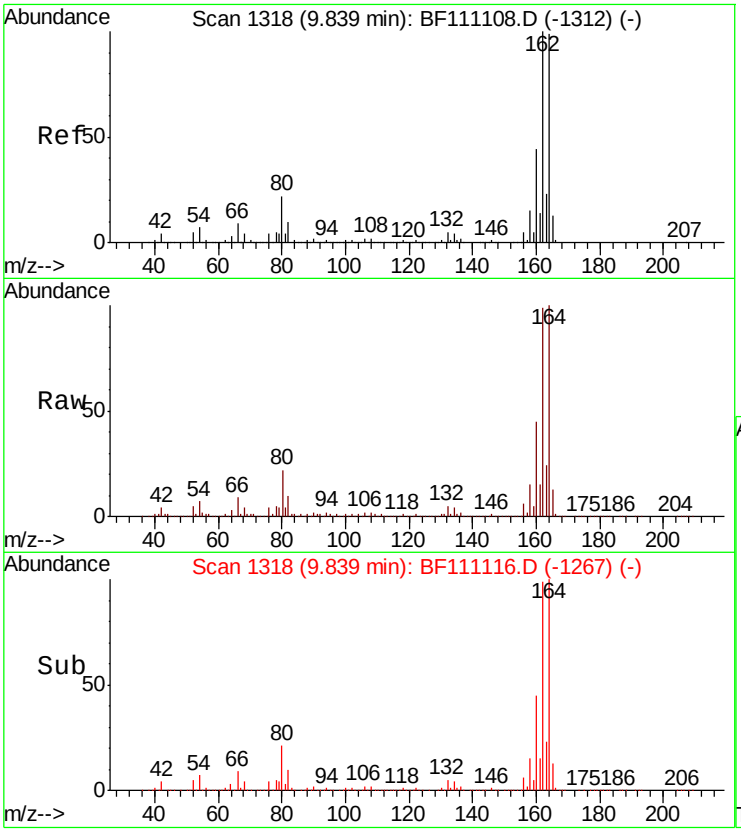


#25
Isophorone
Concen: 17.855 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion: 82 Resp: 1182247

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



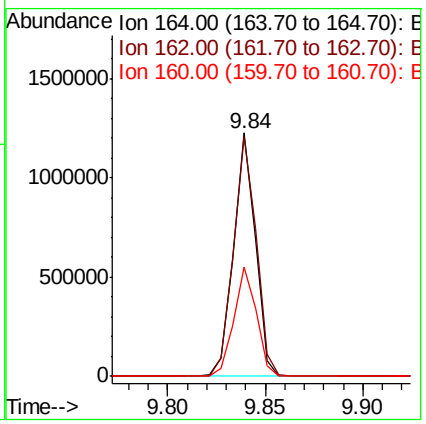


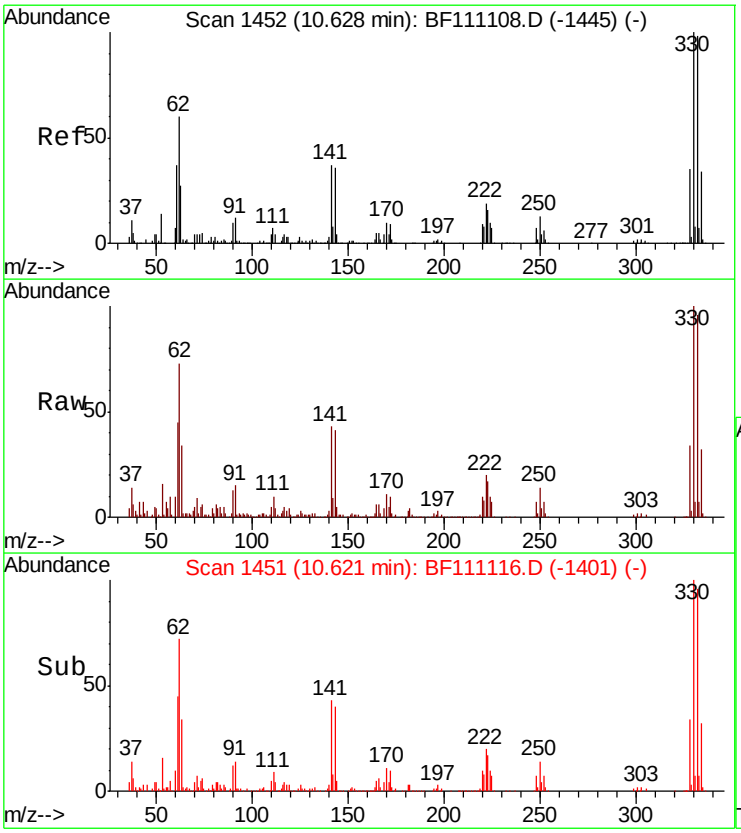
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:164 Resp: 947091

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.6	120.8
160	44.7	35.5	53.3

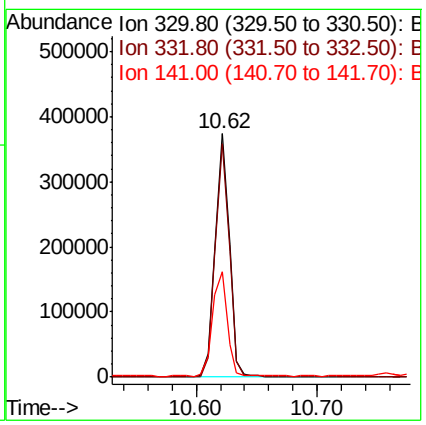


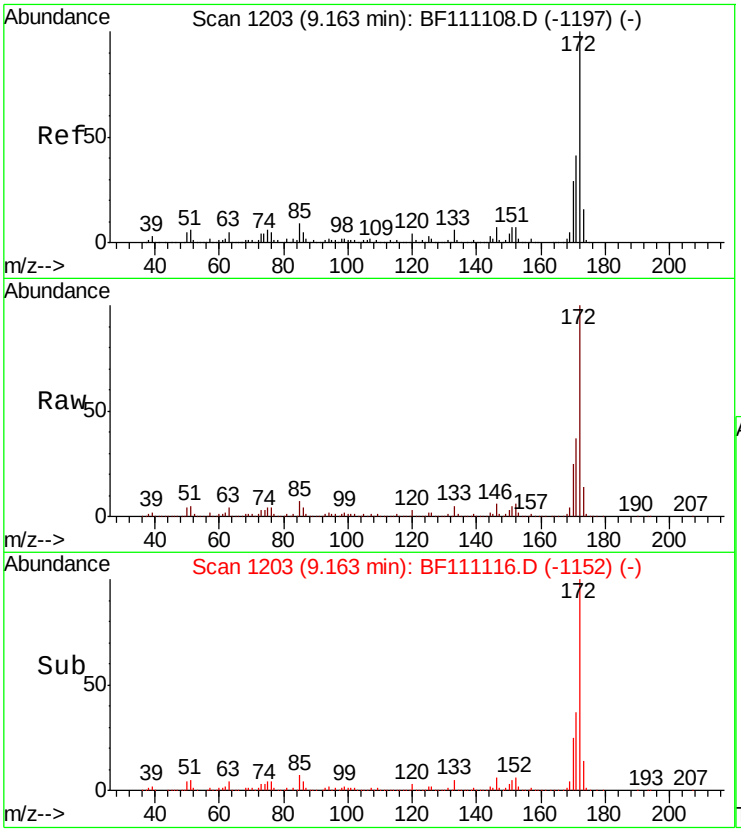


#42
2,4,6-Tribromophenol
Concen: 39.895 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:330 Resp: 300339

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	44.2	36.1	54.1



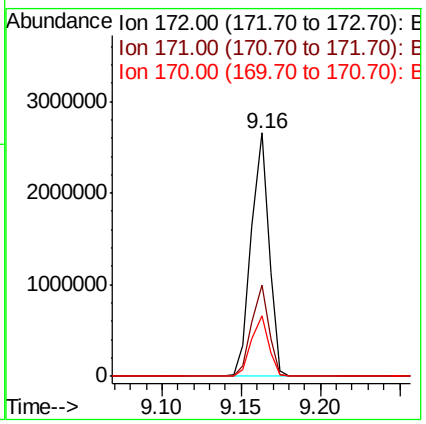


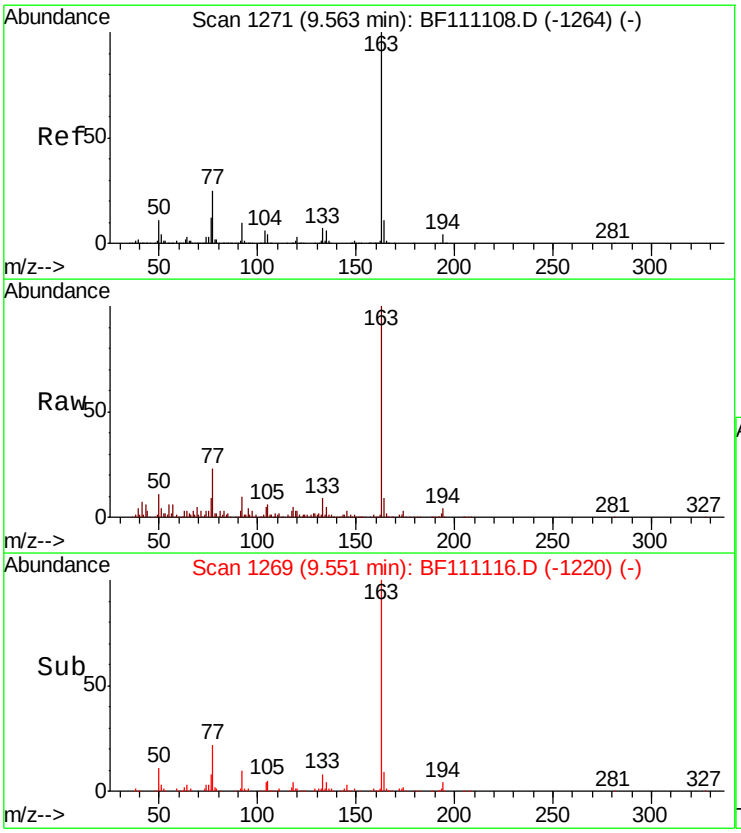
#45
2-Fluorobiphenyl
Concen: 31.514 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:172 Resp: 2075182

Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.2	49.8
170	24.9	22.9	34.3

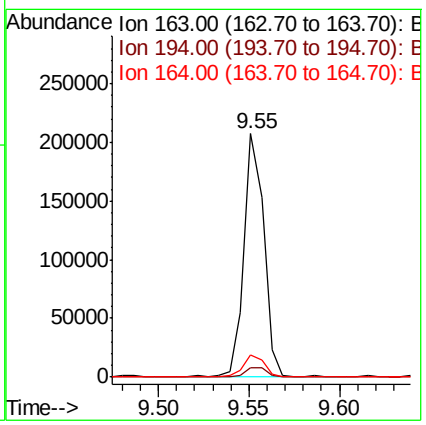


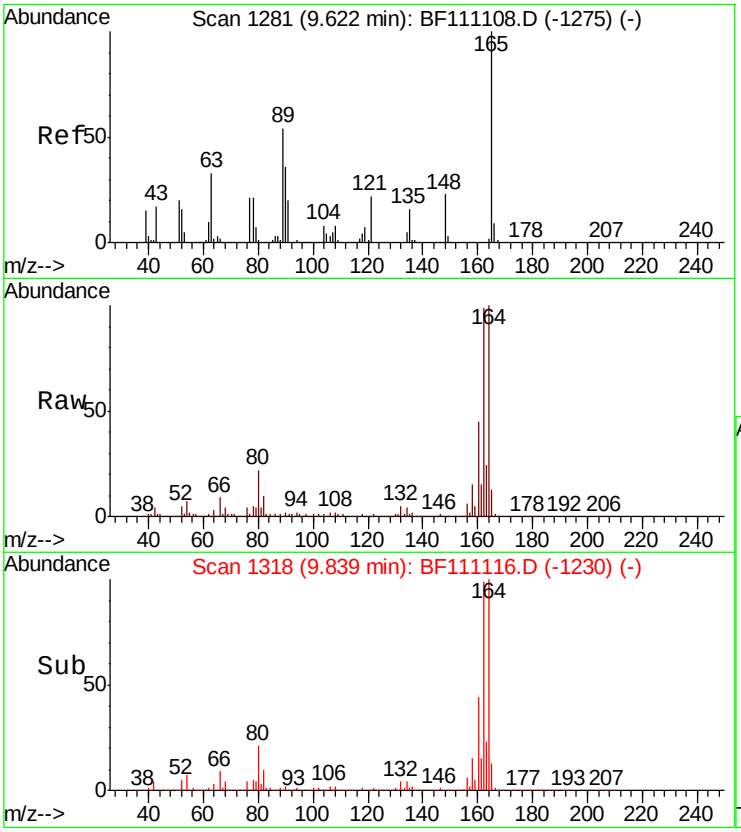


#50
Dimethylphthalate
Concen: 2.376 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:163 Resp: 156630

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.1	8.9	13.3



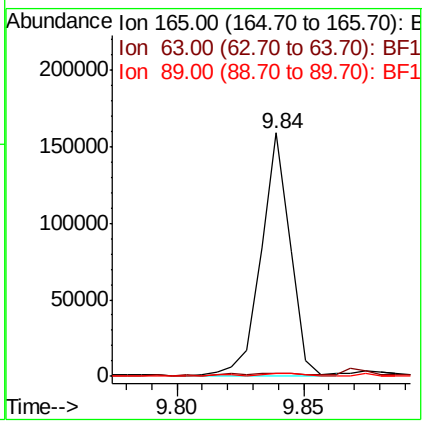


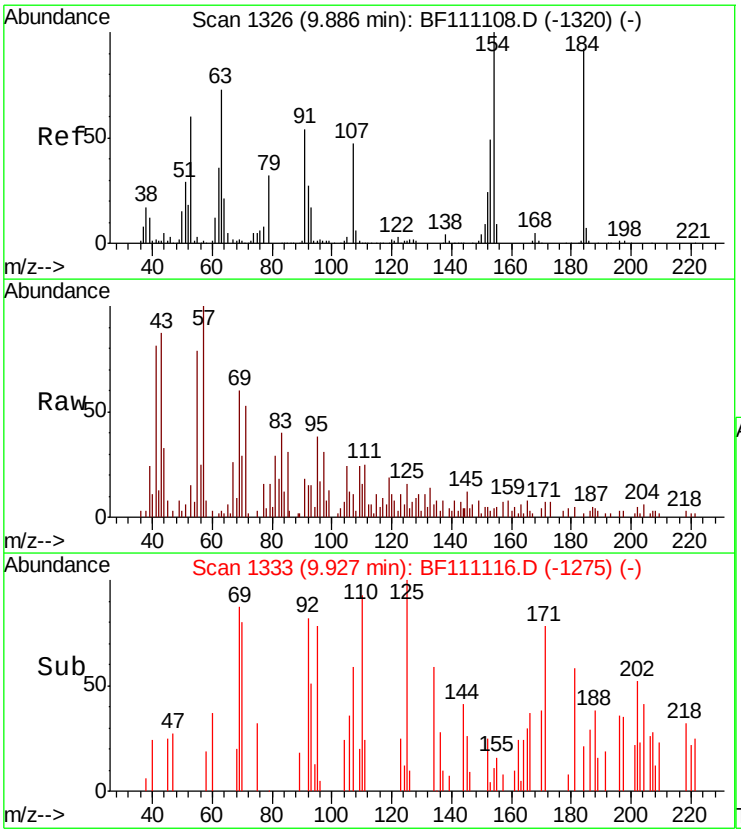
#51
2,6-Dinitrotoluene
Concen: 9.028 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:165 Resp: 126160

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	43.0	64.4#

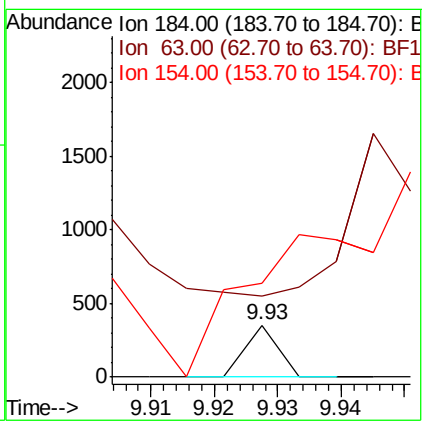


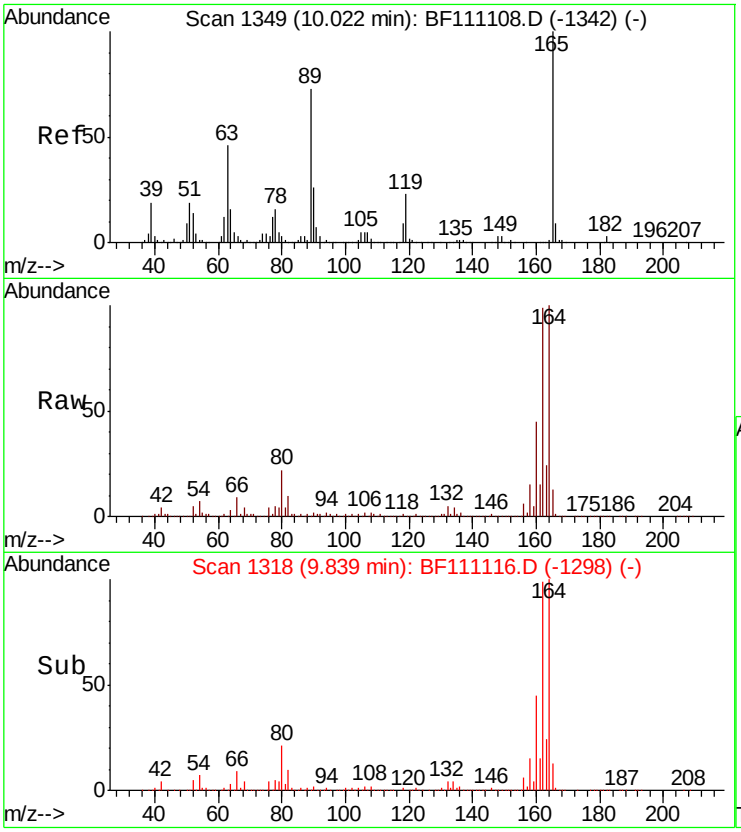


#54
2,4-Dinitrophenol
Concen: 6.630 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.04 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:184 Resp: 125

Ion	Ratio	Lower	Upper
184	100		
63	156.4	64.2	96.4#
154	180.2	89.5	134.3#



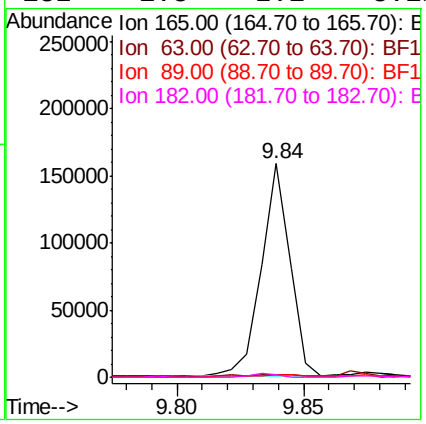


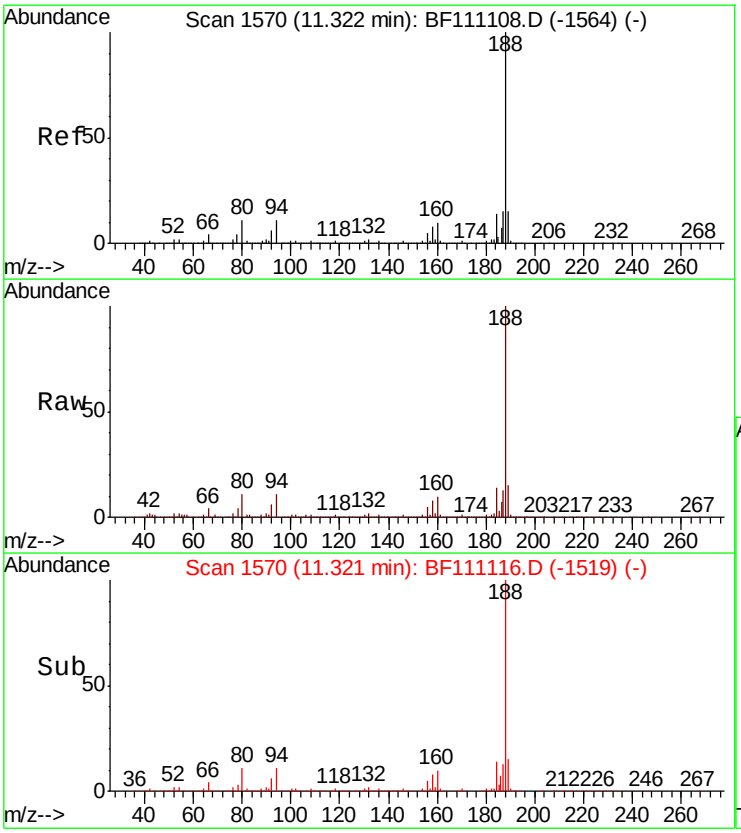
#57
2,4-Dinitrotoluene
Concen: 6.990 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:165 Resp: 126160

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.5	58.4	87.6#
182	1.3	2.1	3.1#

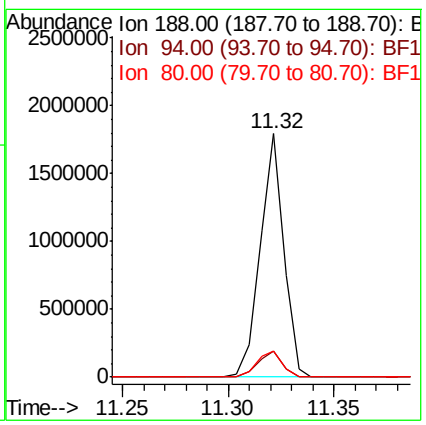


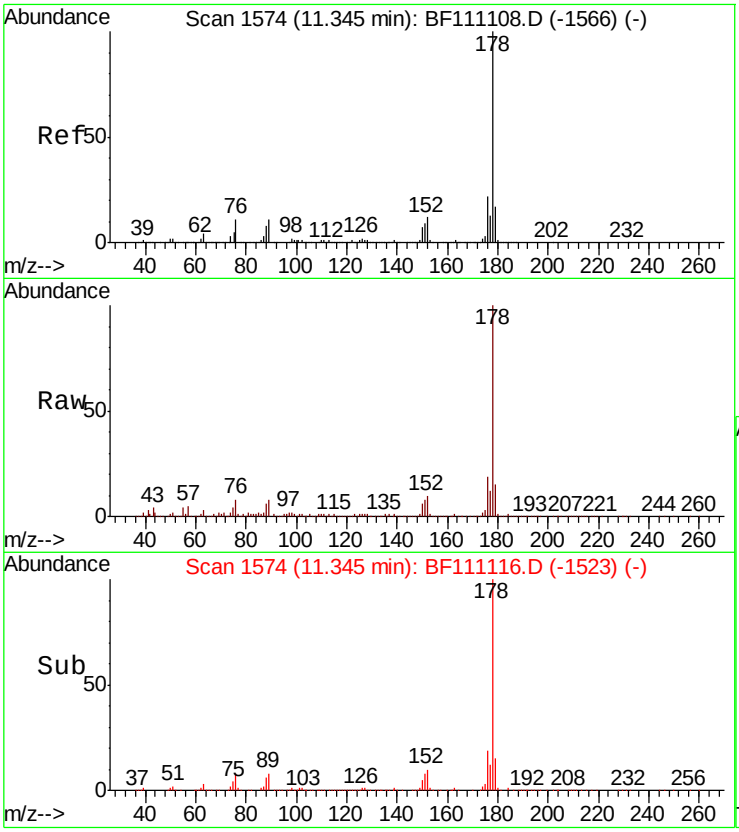


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:188 Resp: 1393410

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	10.7	9.0	13.6



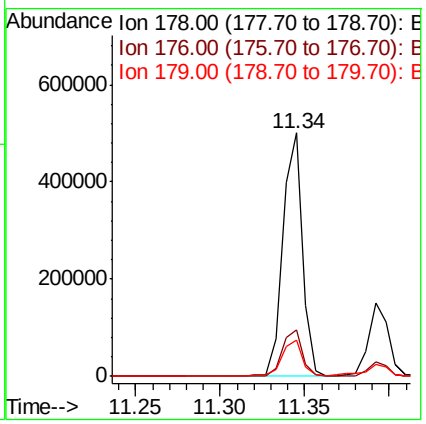


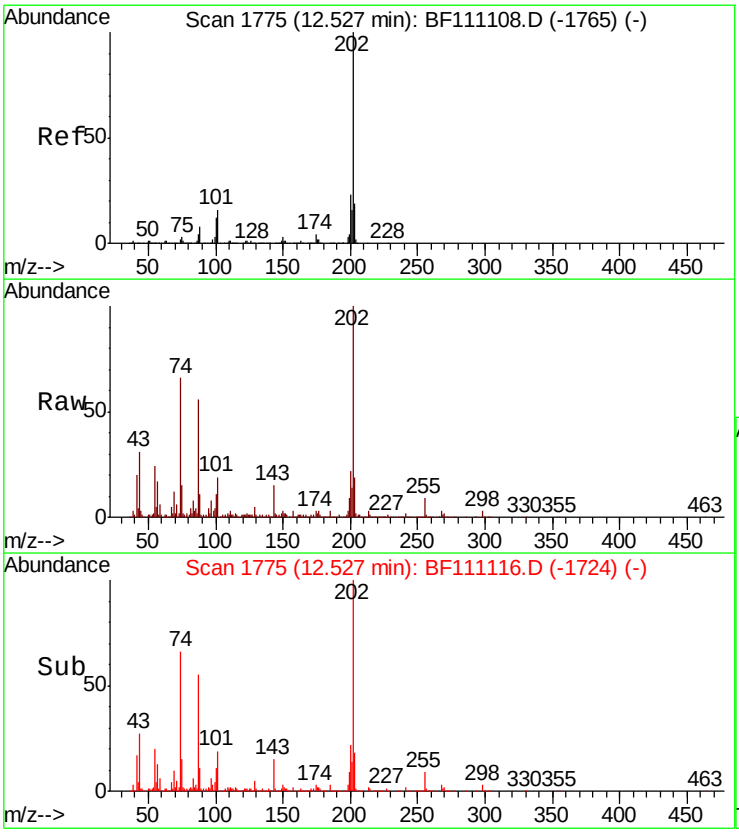
#71
Phenanthrene
Concen: 6.013 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:178 Resp: 402996

Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.7	26.5
179	14.9	14.0	21.0

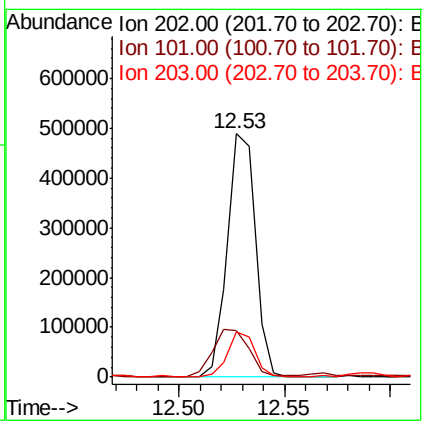


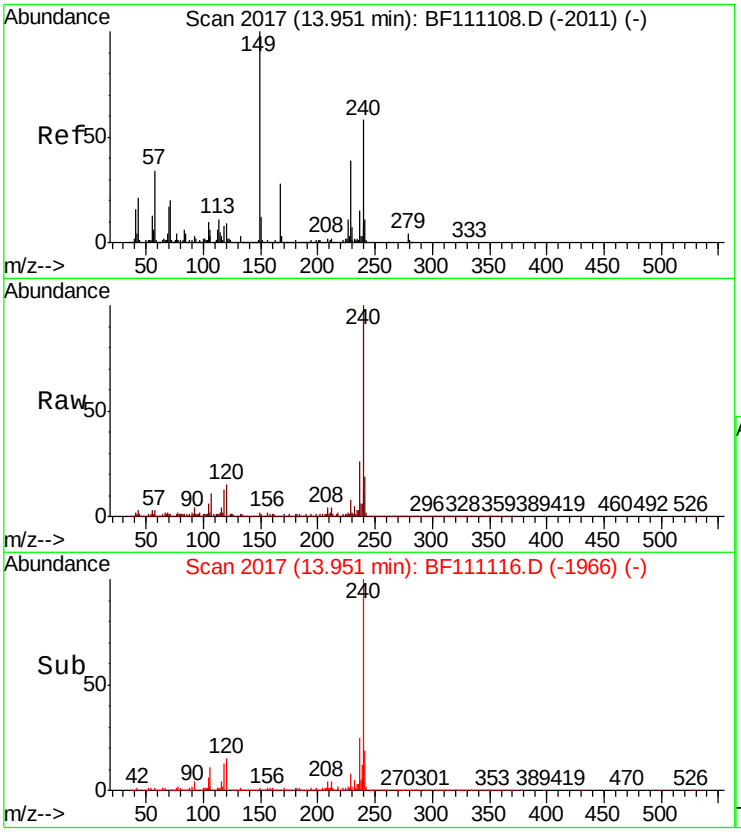


#75
Fluoranthene
Concen: 6.792 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:202 Resp: 445489

Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	35.8
203	18.6	0.0	38.6



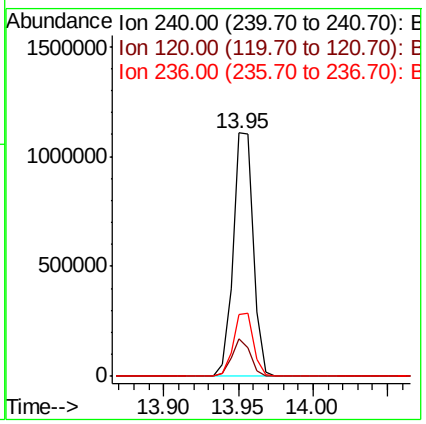


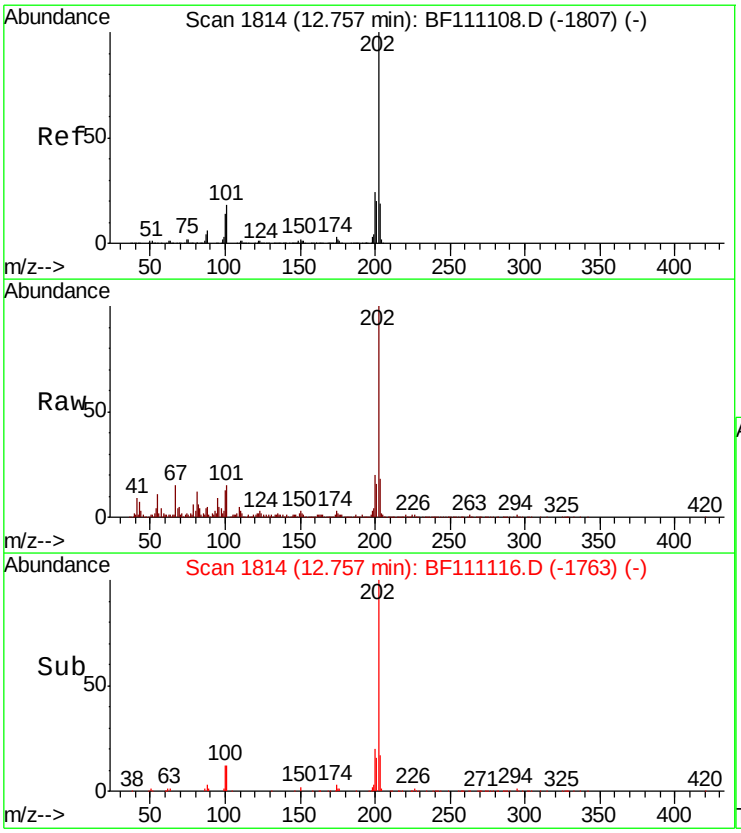
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:240 Resp: 1052430

Ion	Ratio	Lower	Upper
240	100		
120	15.2	12.8	19.2
236	25.6	21.1	31.7

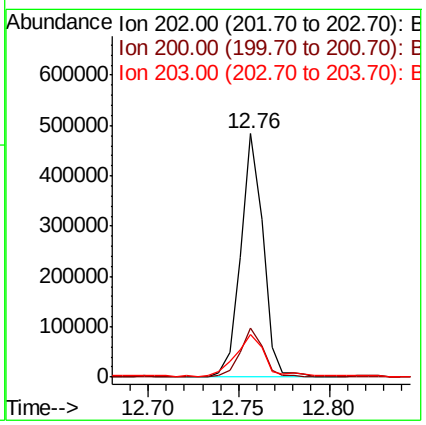


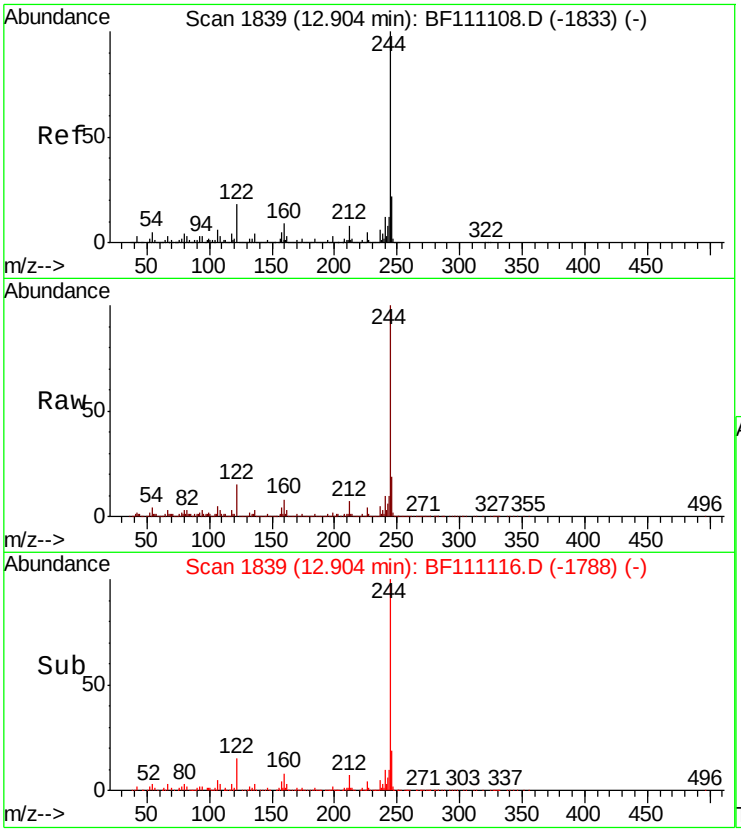


#78
Pyrene
Concen: 5.033 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:202 Resp: 412703

Ion	Ratio	Lower	Upper
202	100		
200	20.0	19.3	28.9
203	17.7	15.4	23.2



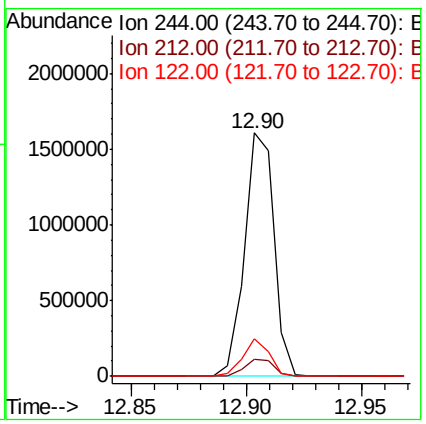


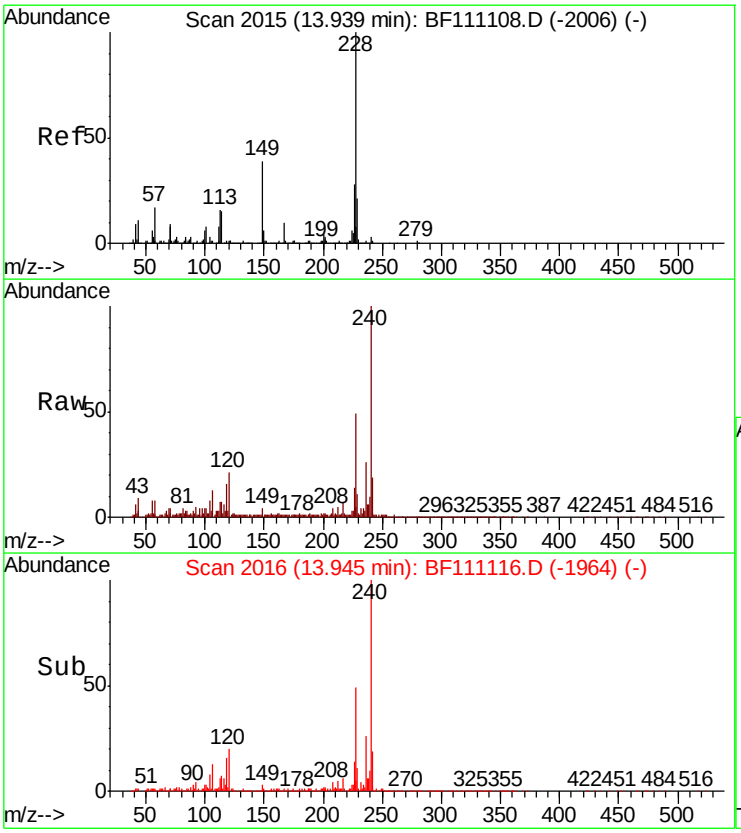
#79
Terphenyl-d14
Concen: 28.052 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:244 Resp: 1441570

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	9.8
122	15.4	14.2	21.2

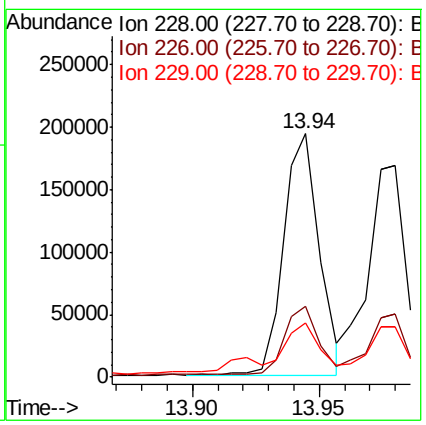


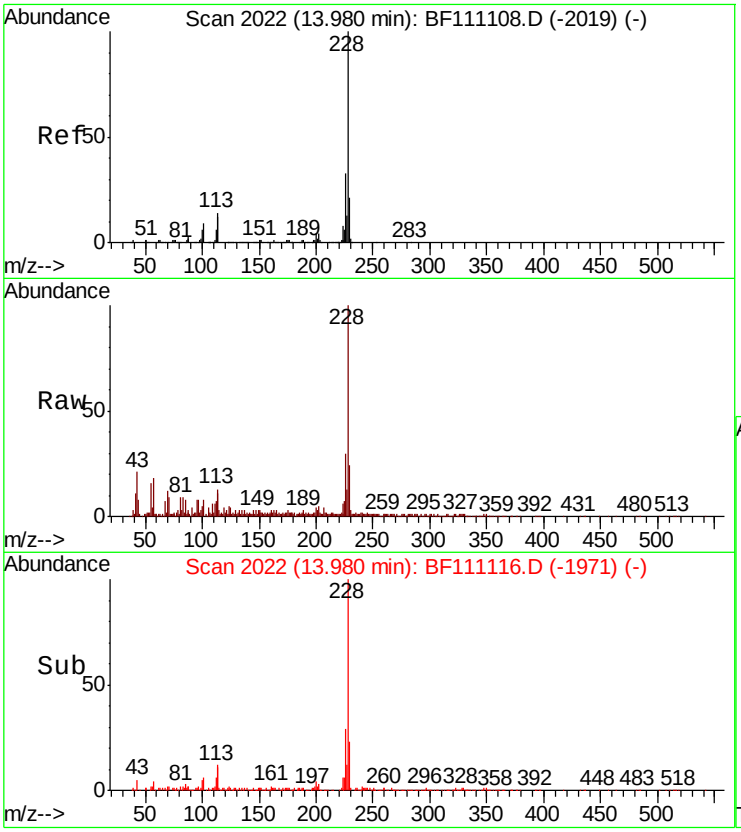


#81
Benzo(a)anthracene
Concen: 3.067 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:228 Resp: 189112

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	22.5	16.7	25.1



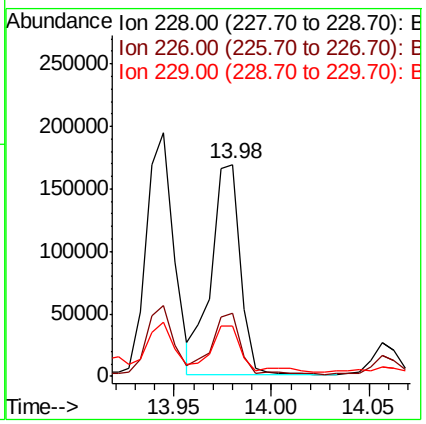


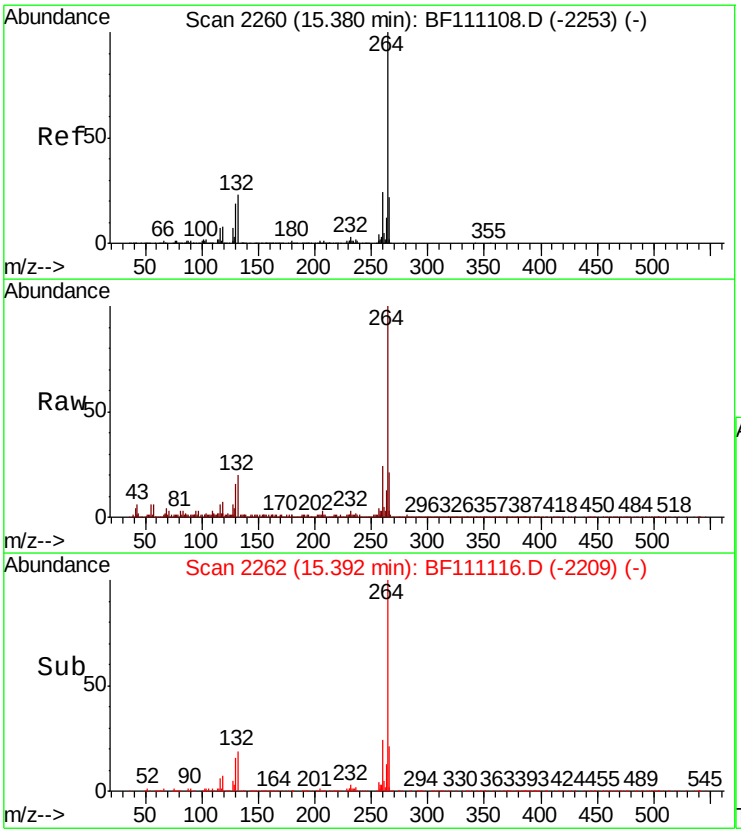
#83
Chrysene
Concen: 2.864 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:228 Resp: 175305

Ion	Ratio	Lower	Upper
228	100		
226	29.7	26.2	39.2
229	23.5	16.9	25.3

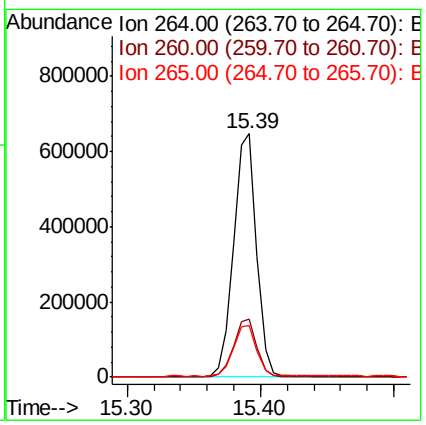


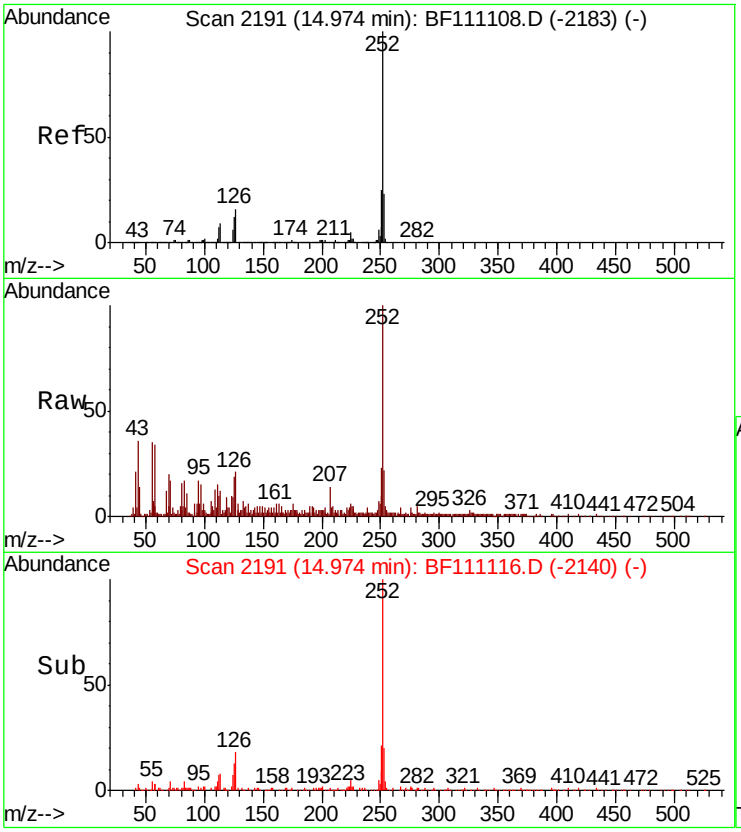


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:264 Resp: 772670

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.3	17.4	26.0



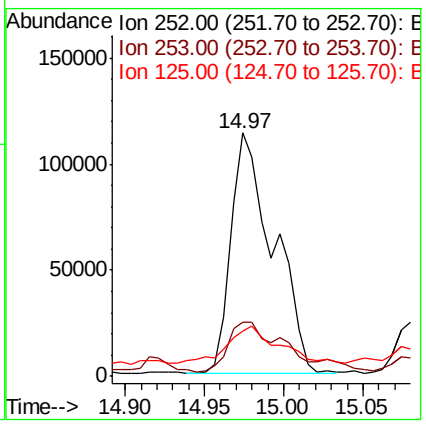


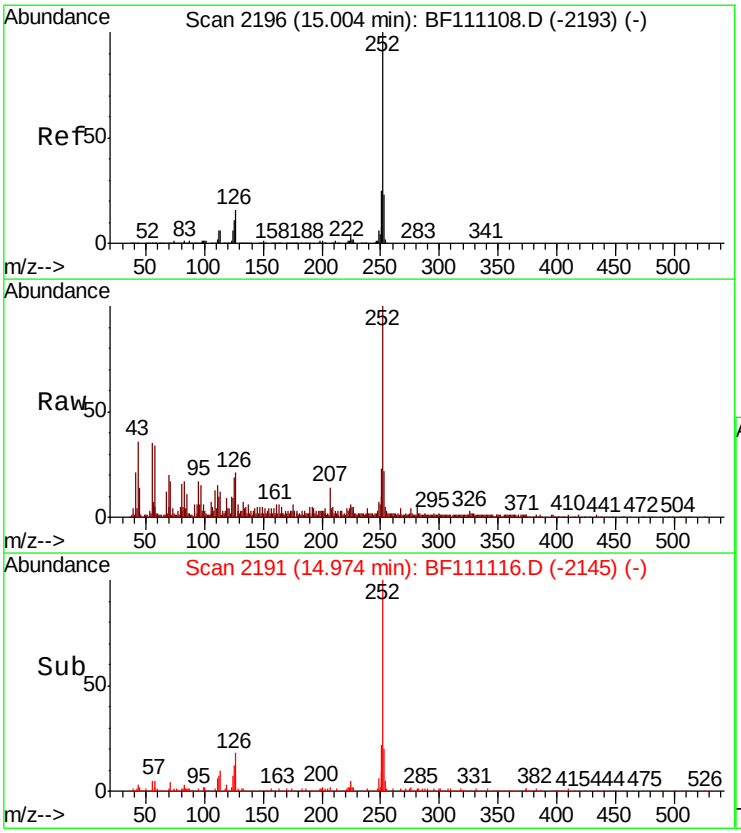
#88
Benzo(b)fluoranthene
Concen: 4.833 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:252 Resp: 211585

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	18.8	9.9	14.9#

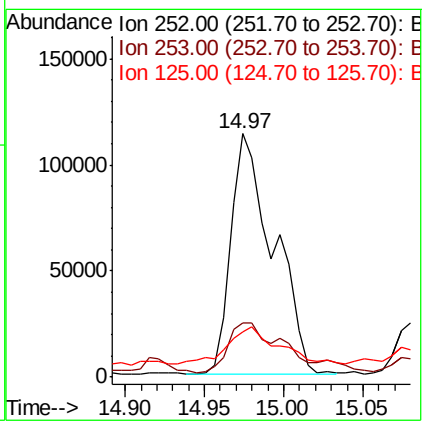


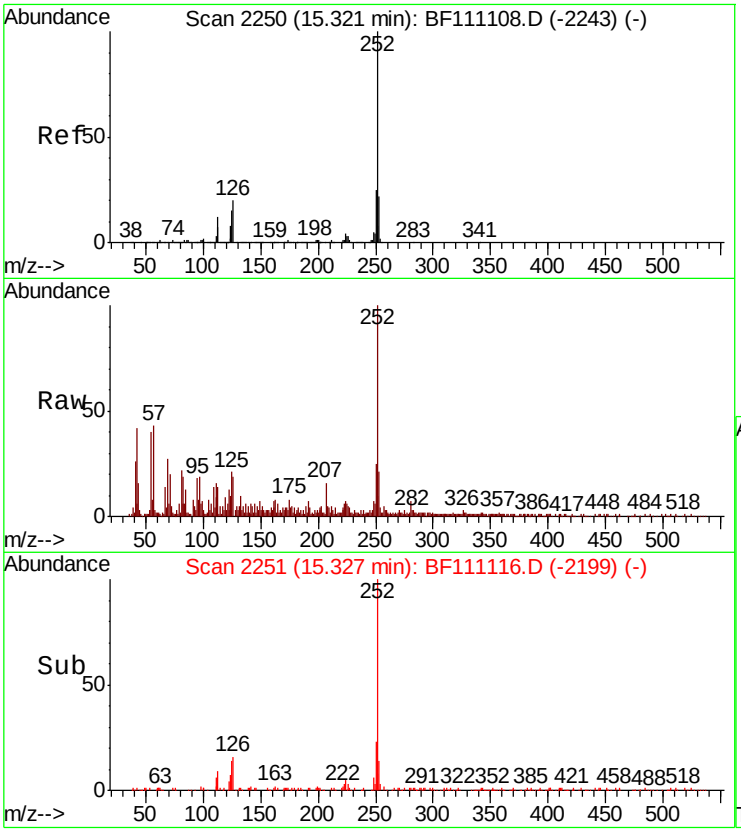


#89
Benzo(k)fluoranthene
Concen: 4.999 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Tgt Ion:252 Resp: 211585

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	18.8	9.9	14.9#





#90
Benzo(a)pyrene
Concen: 2.808 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF111116.D
Acq: 5 Dec 2018 19:26

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-B

Tgt Ion:252 Resp: 112753

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	21.5	12.4	18.6#