Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113863.D
Acq On : 19 Apr 2019 17:21
Operator : JU/SJ
Sample : K2201-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-C

Quant Time: Apr 19 23:24:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192184	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	677155	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	298790	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	549296	20.00	ng		0.02
76) Chrysene-d12	14.26	240	492979	20.00	ng		0.21
87) Perylene-d12	15.99	264	399081	20.00	ng		0.48
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	514651	44.53	ng		0.01
7) Phenol-d6	6.52	99	653618	45.35	ng		0.00
23) Nitrobenzene-d5	7.46	82	348874	31.37	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	151298	45.83	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	692996	35.37	ng		0.00
79) Terphenyl-d14	13.06	244	764506	32.52	ng		0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	11896	Below Cal			83
19) n-Nitroso-di-n-propylamine	7.46	70	45778	4.758	ng	#	78
25) Isophorone	7.46	82	348867	15.153	ng	#	65
50) Dimethylphthalate	9.65	163	55138	2.637	ng		100
51) 2,6-Dinitrotoluene	9.94	165	39036	8.459	ng	#	33
57) 2,4-Dinitrotoluene	9.94	165	39036	6.818	ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	126	6.975	ng		89
71) Phenanthrene	11.45	178	111463	3.984	ng		97
75) Fluoranthene	12.66	202	276656	9.331	ng		97
78) Pyrene	12.90	202	269452	7.756	ng		97
81) Benzo(a)anthracene	14.29	228	156835	5.442	ng		96
83) Chrysene	14.29	228	156835	5.483	ng		95
88) Benzo(b)fluoranthene	15.52	252	194109	7.802	ng	#	97
89) Benzo(k)fluoranthene	15.52	252	194109	8.566	ng	#	98
90) Benzo(a)pyrene	15.92	252	129119	5.869	ng		97
92) Benzo(g,h,i)perylene	17.98	276	69958	3.516	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113863.D
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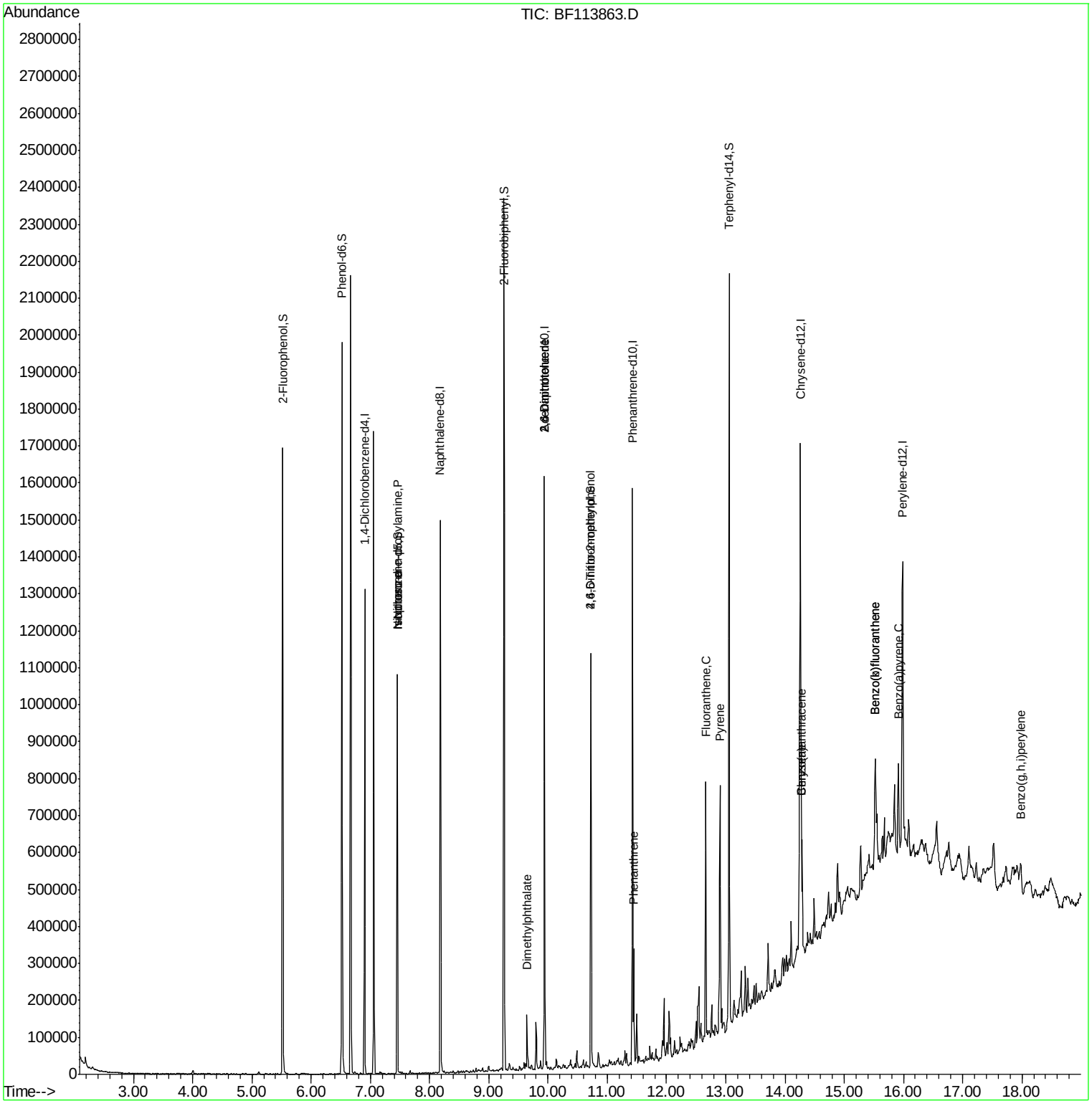
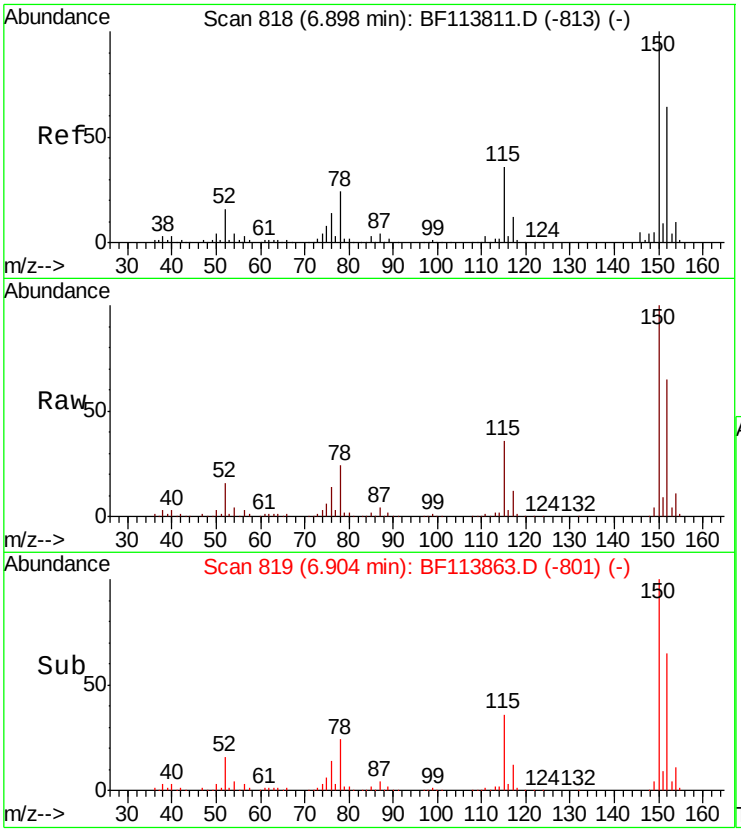
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Quant Time: Apr 19 23:24:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration



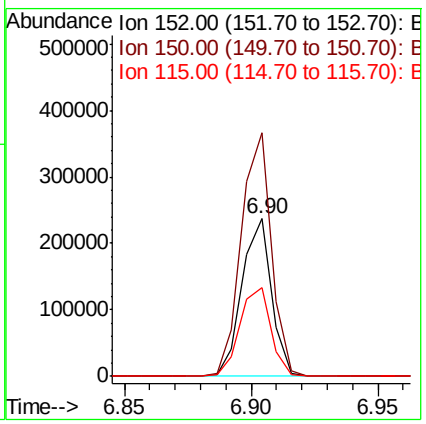


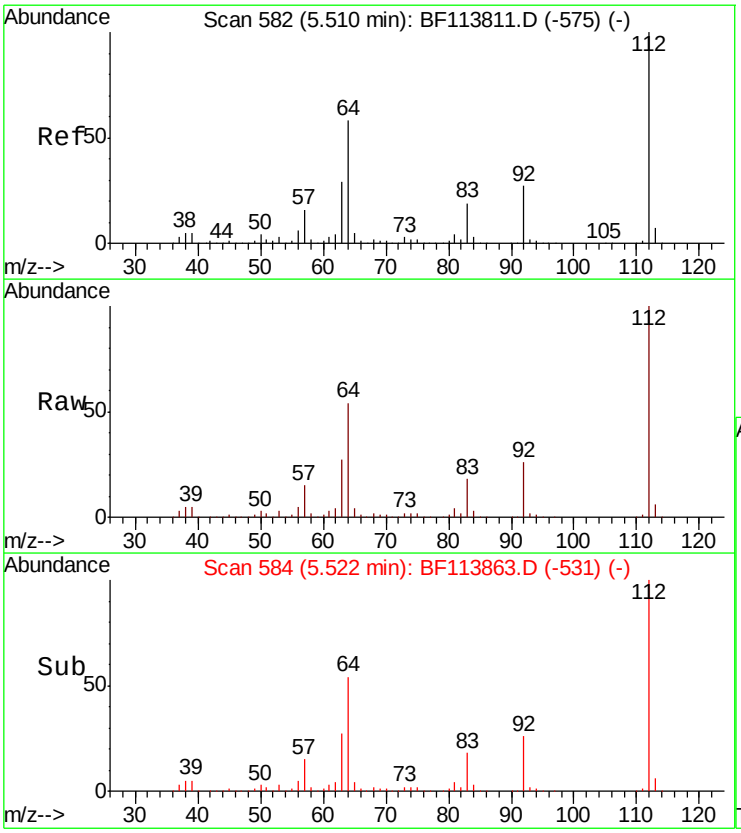
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:152 Resp: 192184

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.9	188.9
115	56.3	45.9	68.9

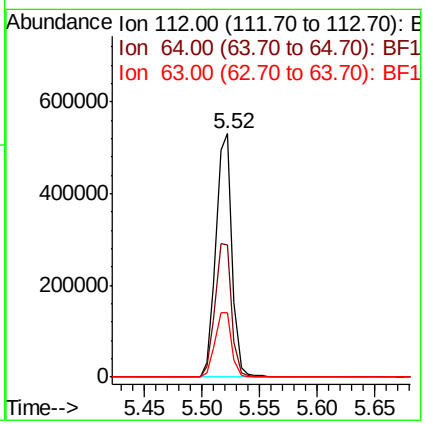


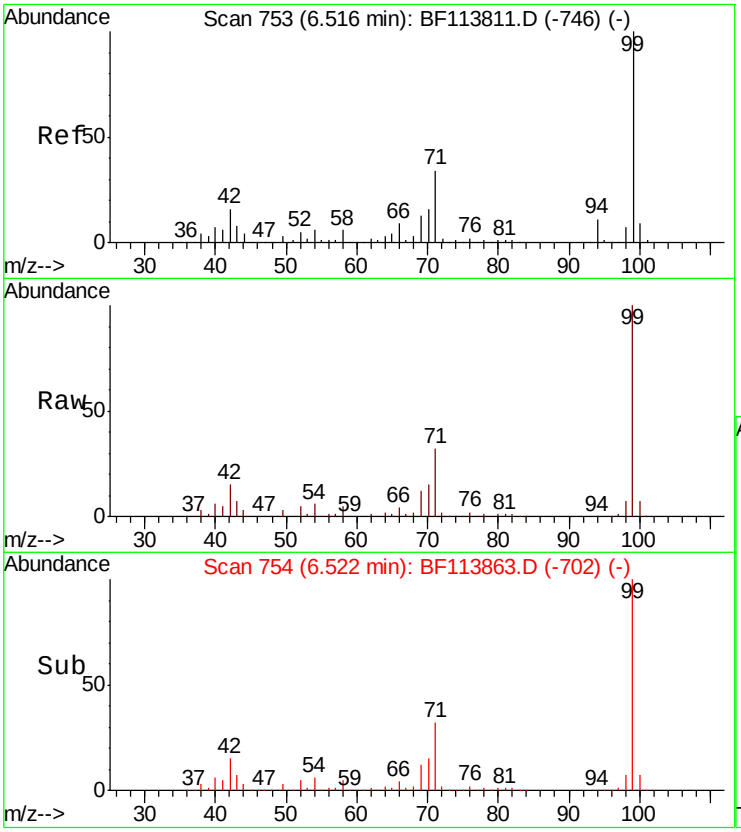


#5
2-Fluorophenol
Concen: 44.528 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:112 Resp: 514651

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.6	69.8
63	26.5	23.1	34.7



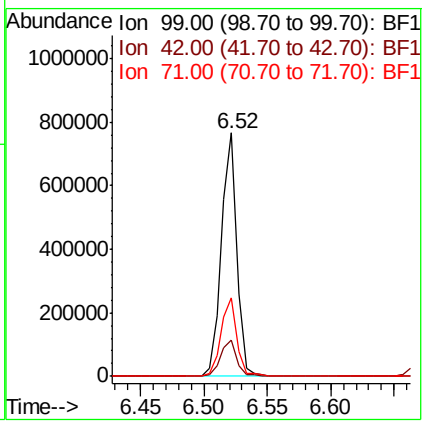


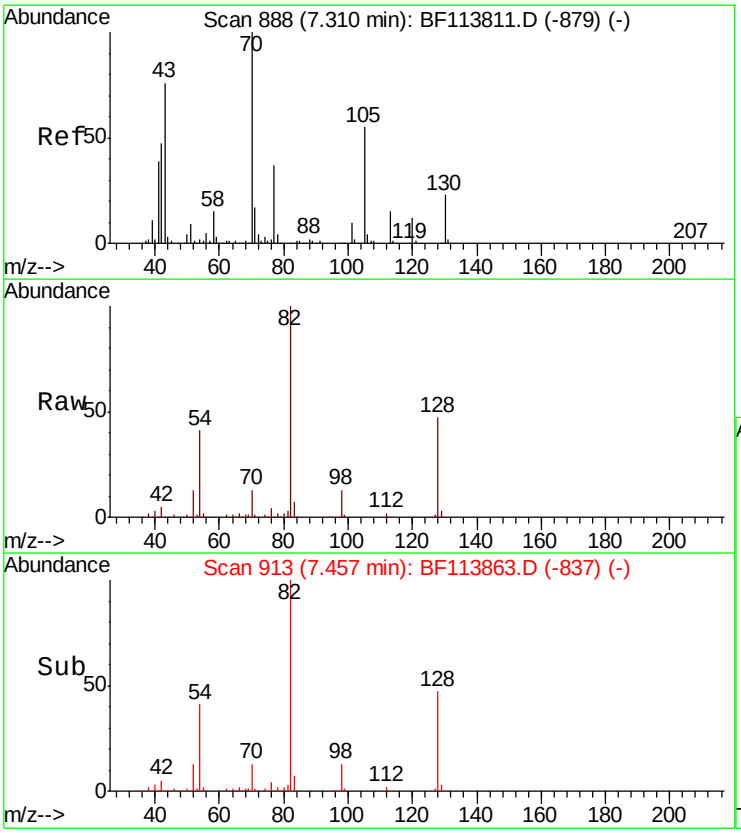
#7
Phenol-d6
Concen: 45.347 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion: 99 Resp: 653618

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.5	18.7
71	32.4	26.9	40.3

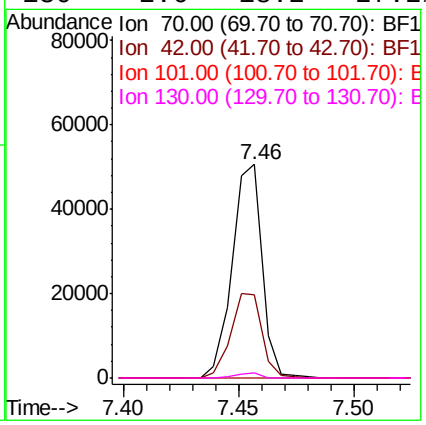


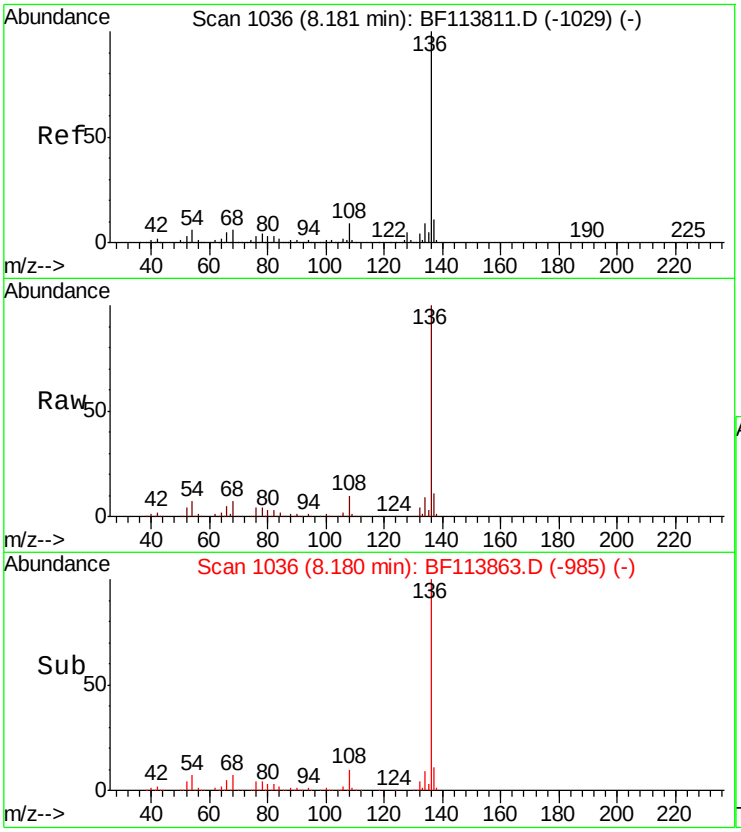


#19
n-Nitroso-di-n-propylamine
Concen: 4.758 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion: 70 Resp: 45778

Ion	Ratio	Lower	Upper
70	100		
42	38.8	37.3	55.9
101	0.0	7.8	11.8#
130	2.6	18.2	27.2#



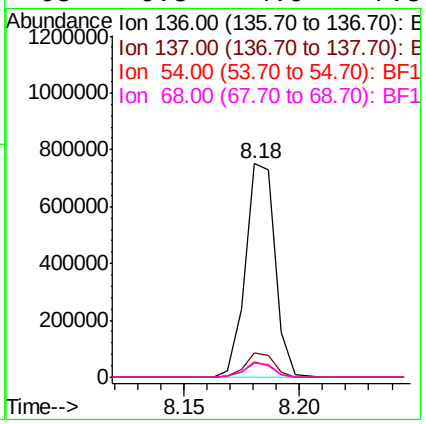


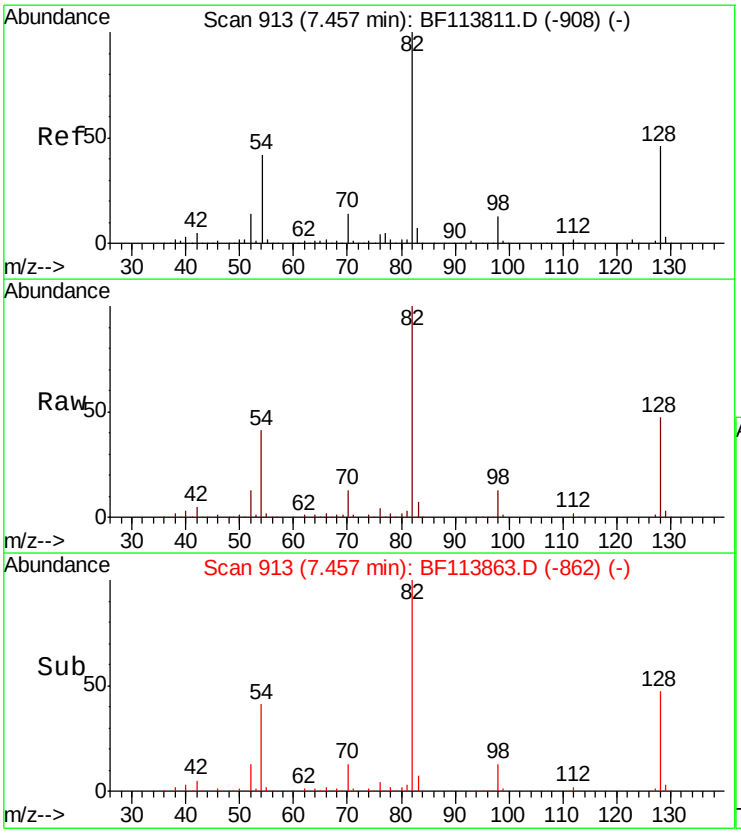
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:136 Resp: 677155

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.0	5.0	7.6
68	6.8	4.9	7.3

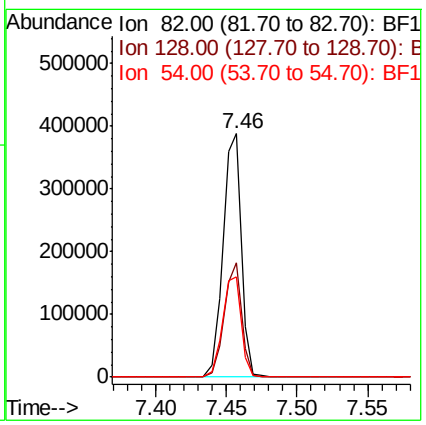


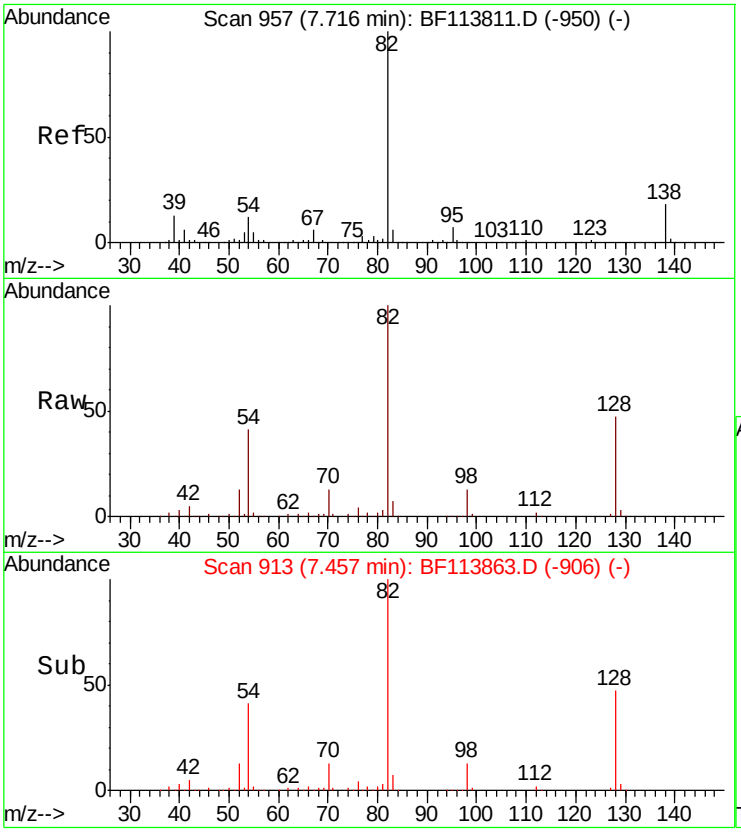


#23
Nitrobenzene-d5
Concen: 31.374 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion: 82 Resp: 348874

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.8	55.2
54	41.0	33.8	50.6



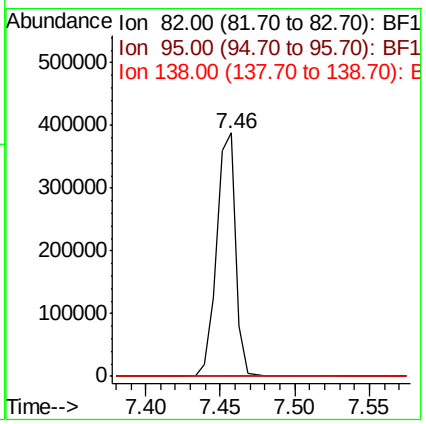


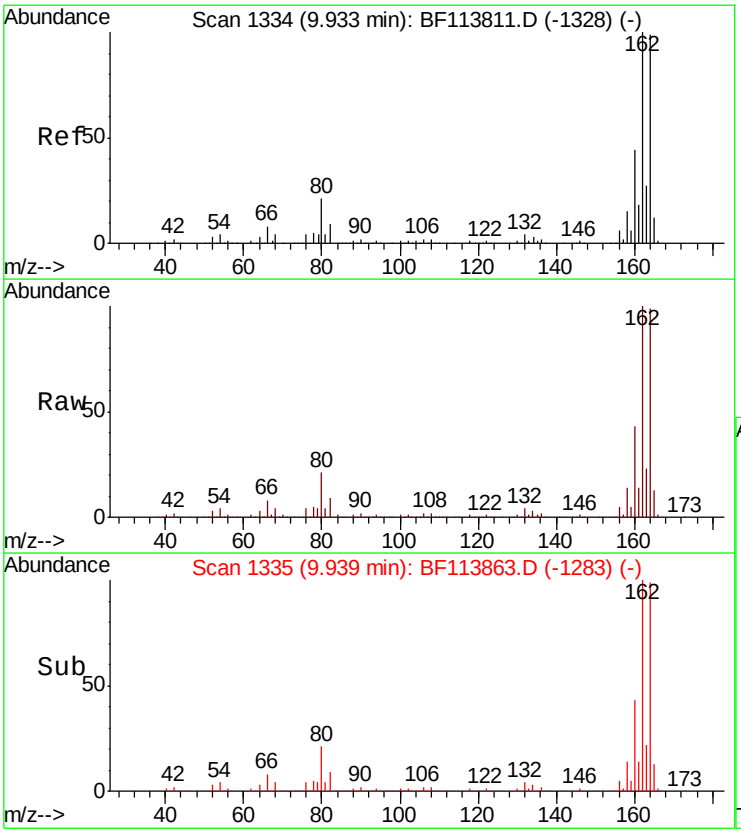
#25
Isophorone
Concen: 15.153 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion: 82 Resp: 348867

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	14.6	22.0#

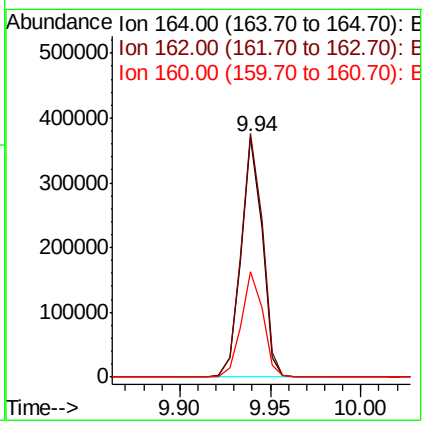


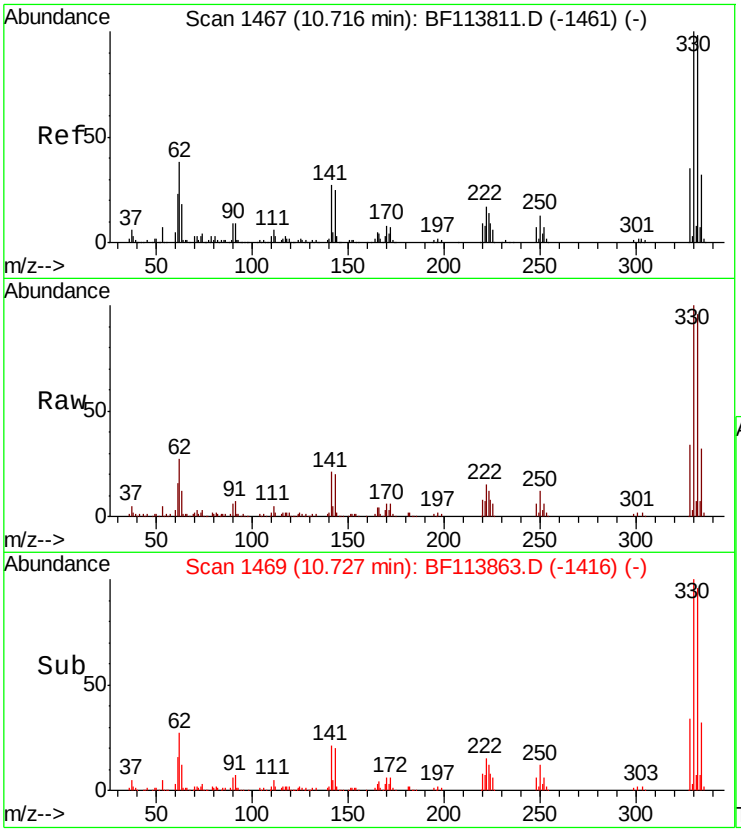


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:164 Resp: 298790

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.1	121.7
160	43.8	35.8	53.6



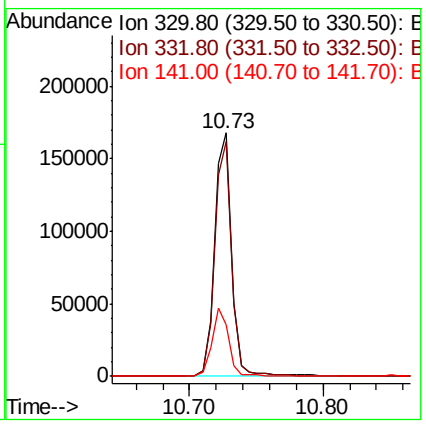


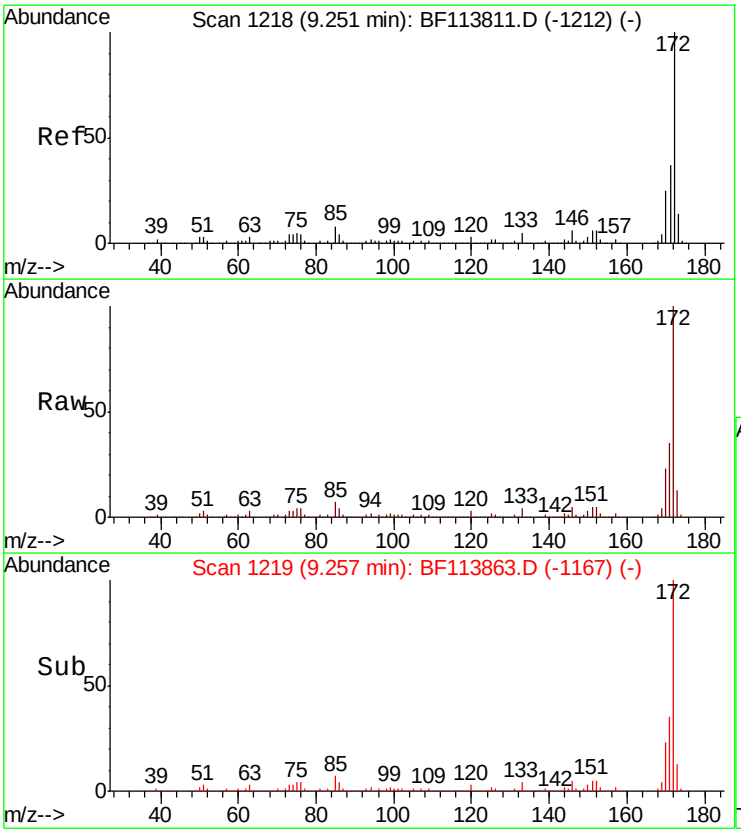
#42
2,4,6-Tribromophenol
Concen: 45.833 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:330 Resp: 151298

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.5	116.3
141	27.5	22.2	33.2

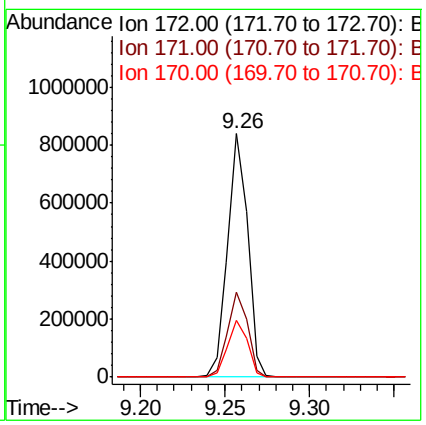


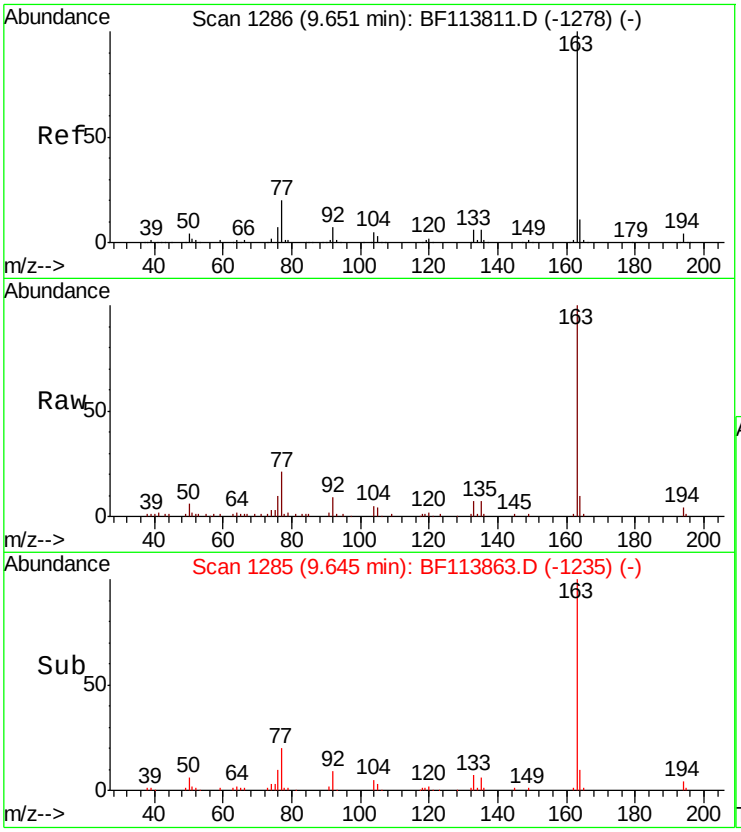


#45
2-Fluorobiphenyl
Concen: 35.371 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:172 Resp: 692996

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	23.3	19.9	29.9



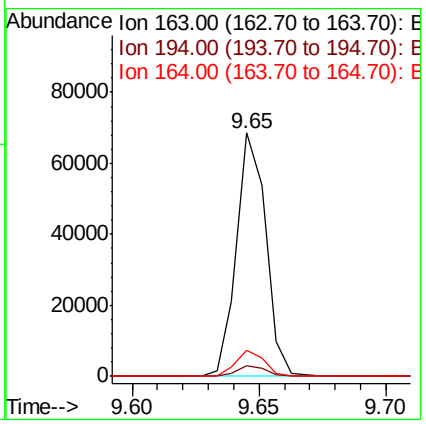


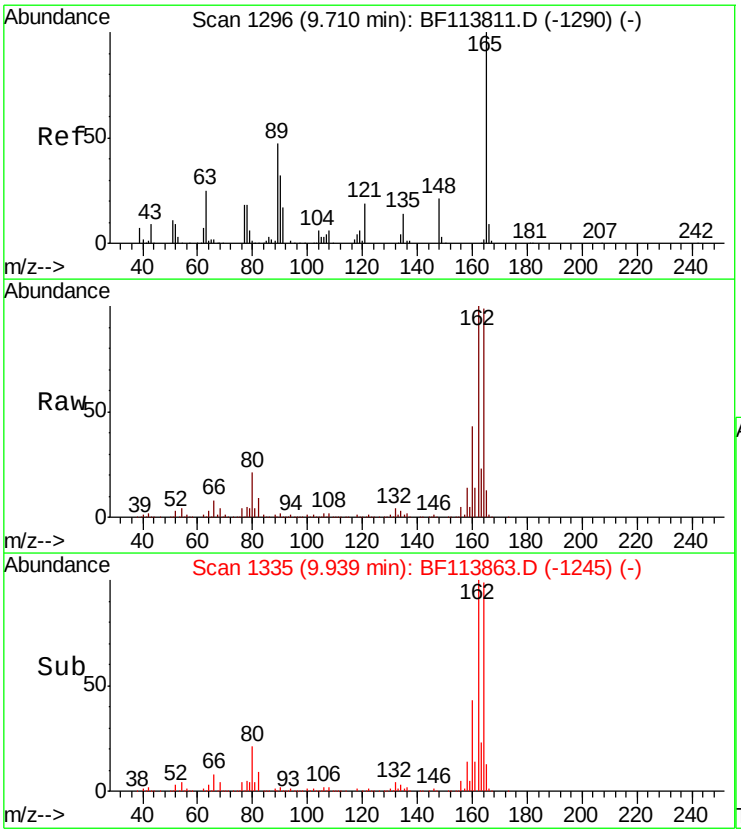
#50
Dimethylphthalate
Concen: 2.637 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:163 Resp: 55138

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.5	12.7

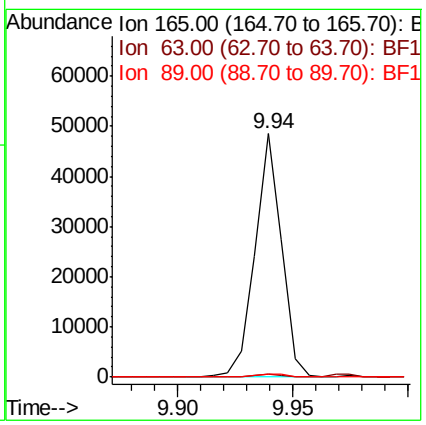


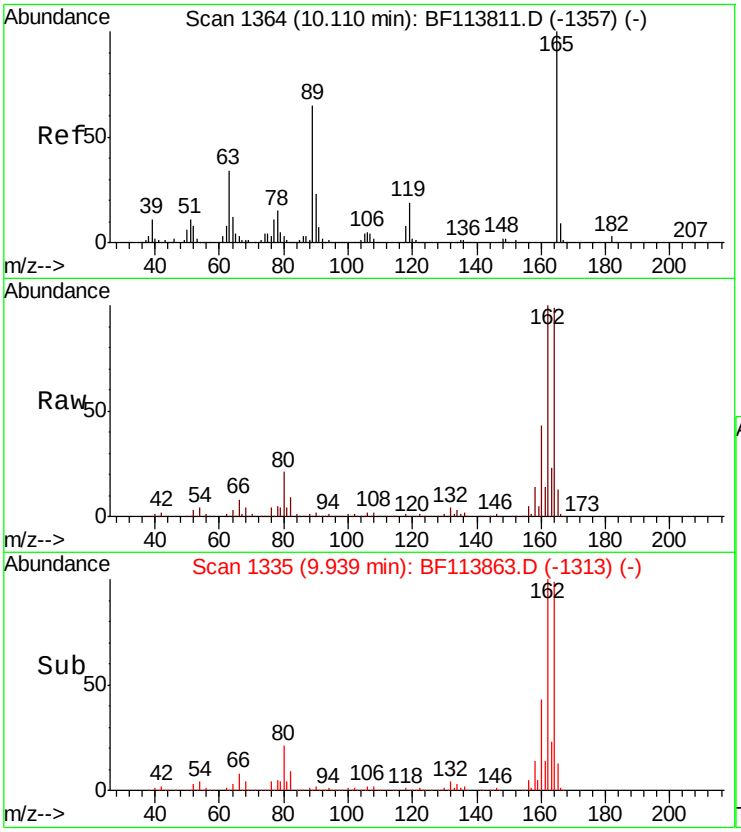


#51
2,6-Dinitrotoluene
Concen: 8.459 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:165 Resp: 39036

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.0	38.2	57.2#



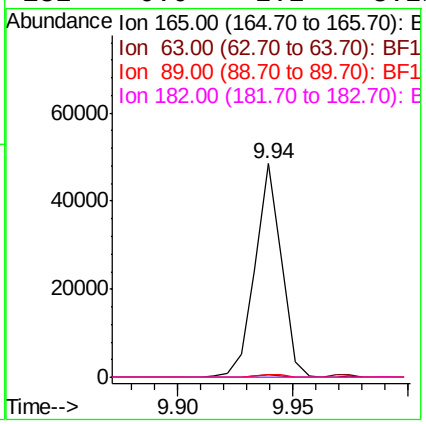


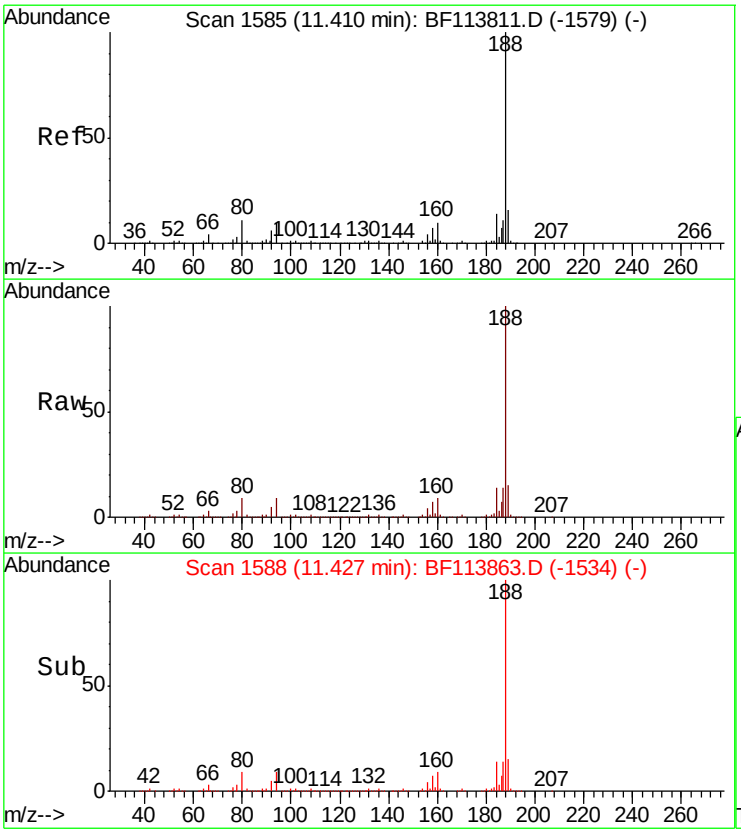
#57
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:165 Resp: 39036

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.4	41.0#
89	1.0	51.8	77.6#
182	0.0	2.2	3.2#

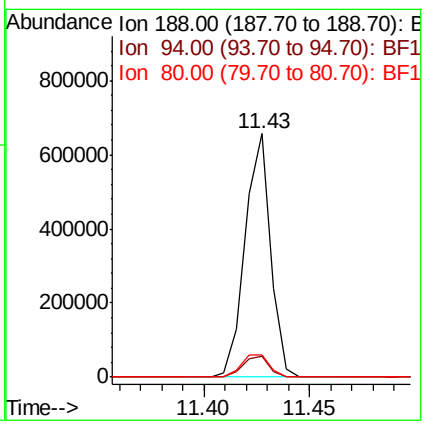


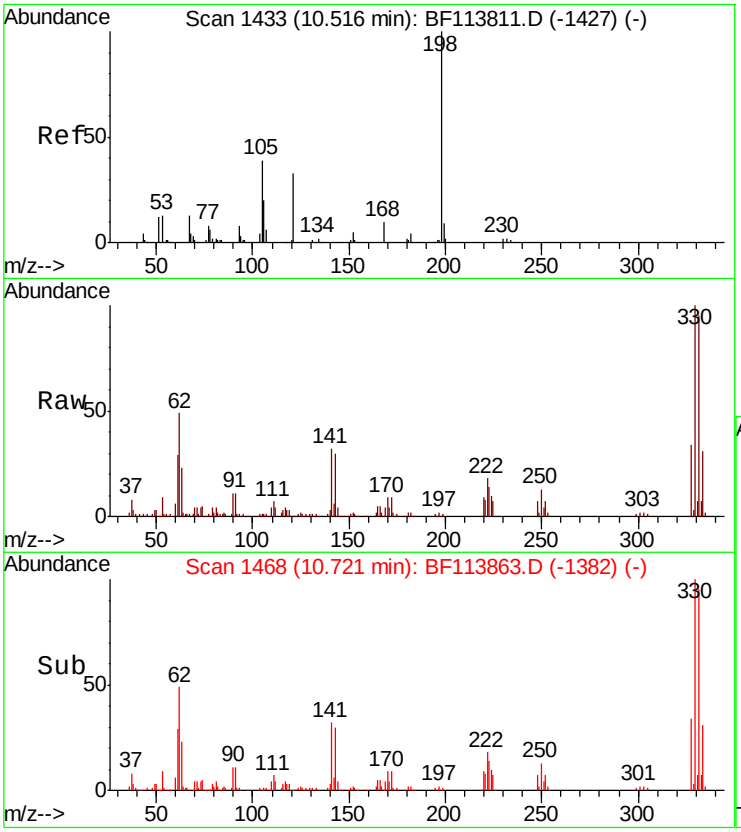


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.02 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:188 Resp: 549296

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.4
80	9.3	9.0	13.6



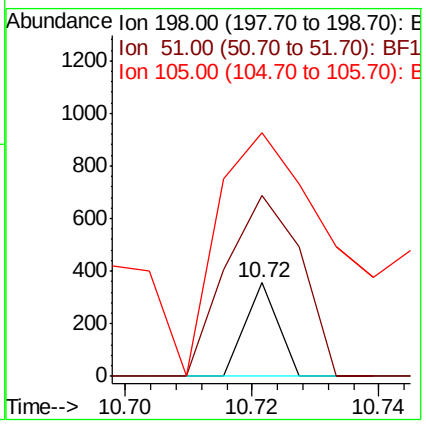


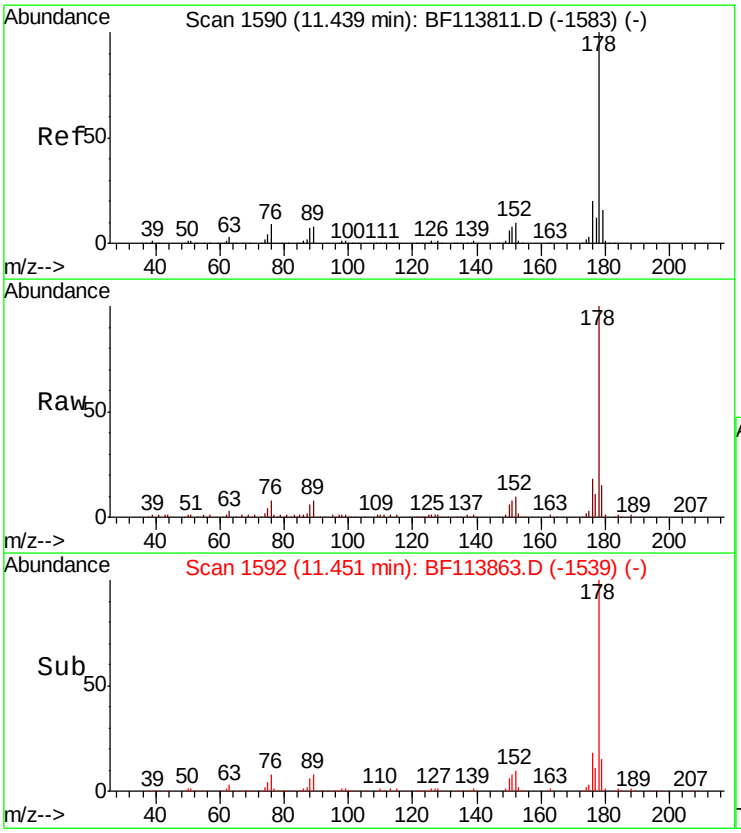
#65
4,6-Dinitro-2-methylphenol
Concen: 6.975 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:198 Resp: 126

Ion	Ratio	Lower	Upper
198	100		
51	35.9	11.1	51.1
105	48.4	20.7	60.7

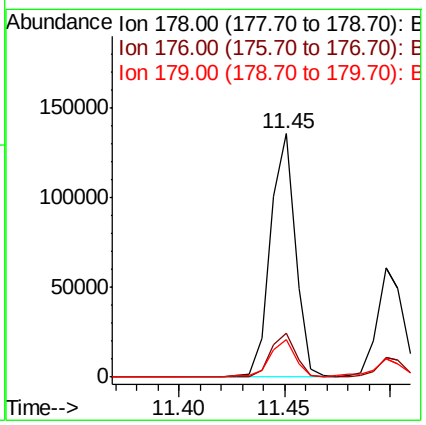


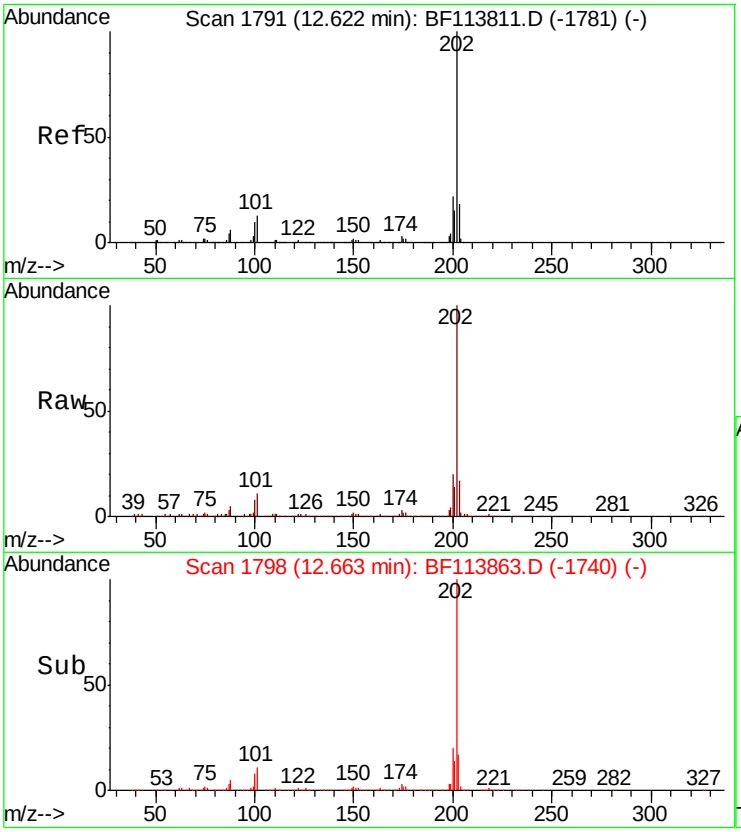


#71
Phenanthrene
Concen: 3.984 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:178 Resp: 111463

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.1	24.1
179	15.2	12.8	19.2



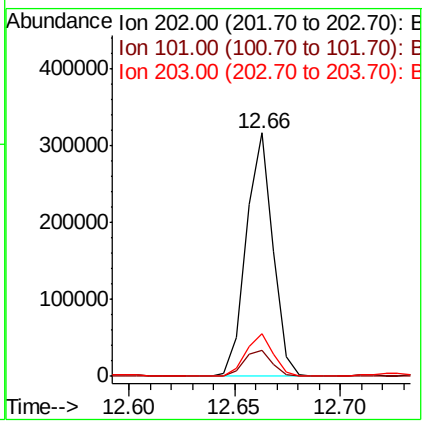


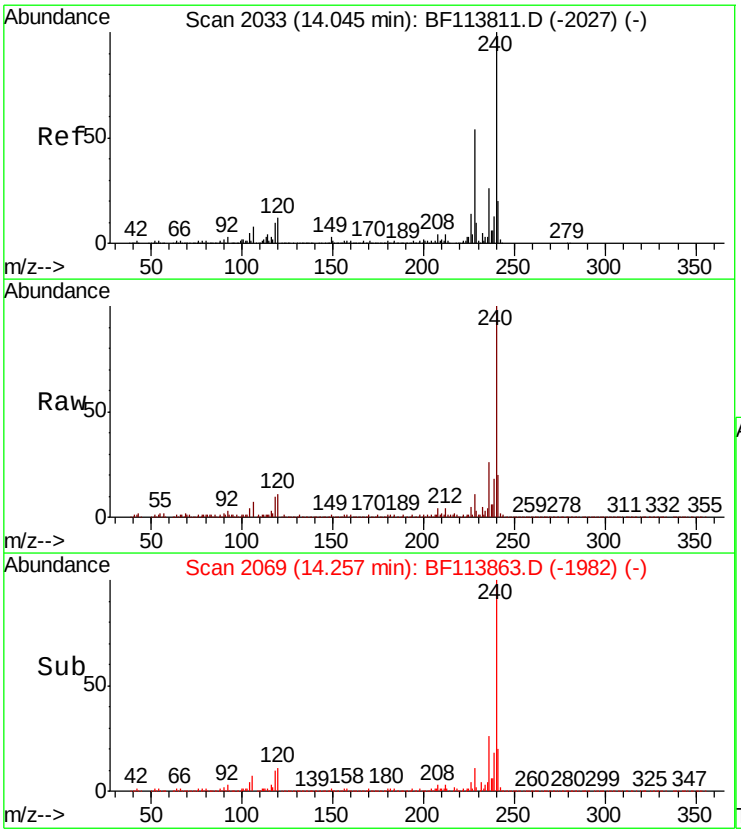
#75
Fluoranthene
Concen: 9.331 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.04 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:202 Resp: 276656

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.9
203	17.4	0.0	38.2

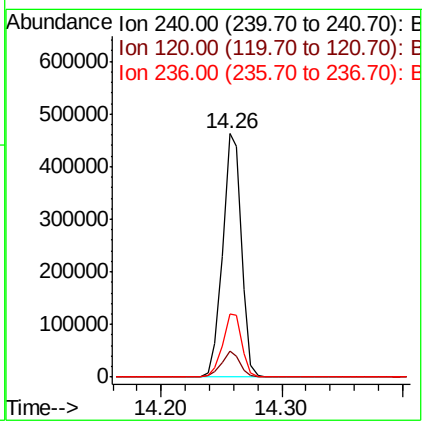


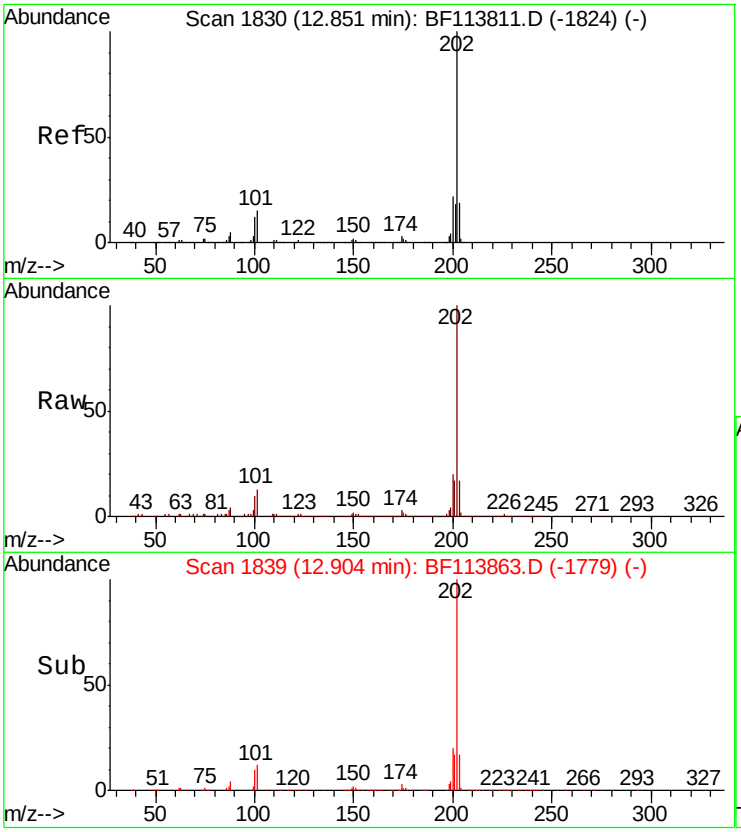


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.26 min Scan# 2069
Delta R.T. 0.21 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:240 Resp: 492979

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	26.0	21.2	31.8



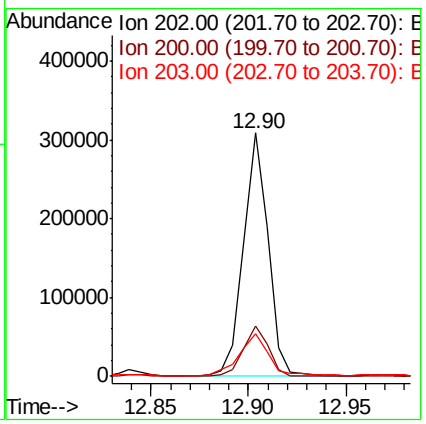


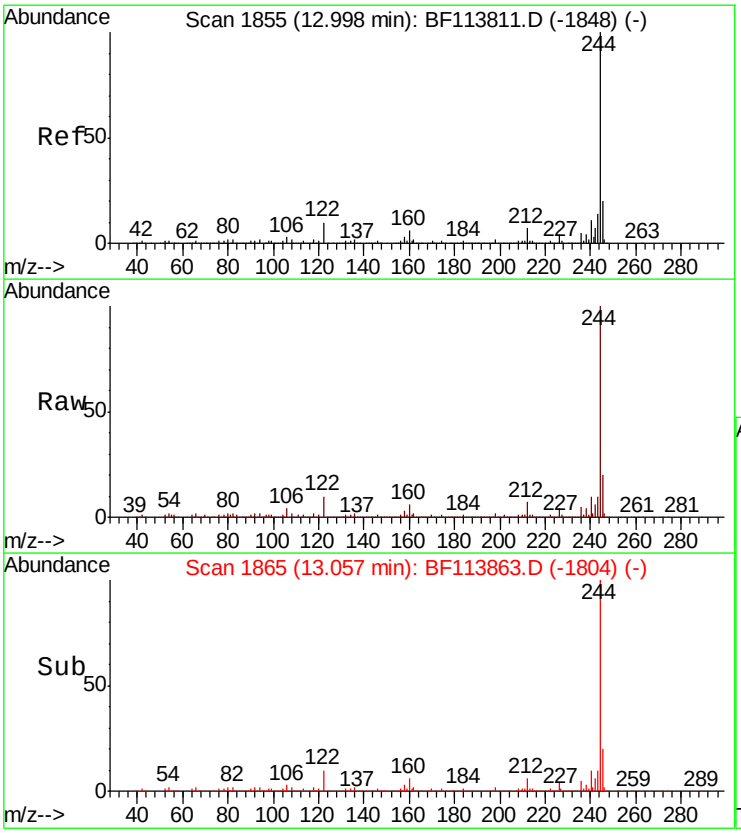
#78
Pyrene
Concen: 7.756 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.05 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:202 Resp: 269452

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.5	15.0	22.6

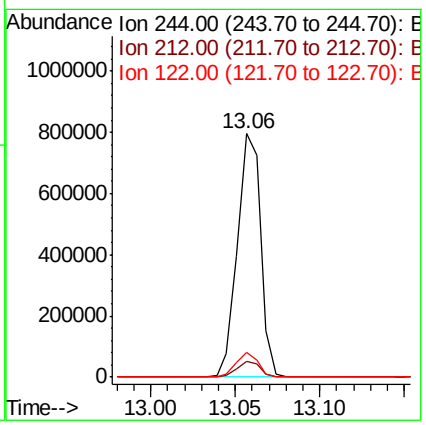


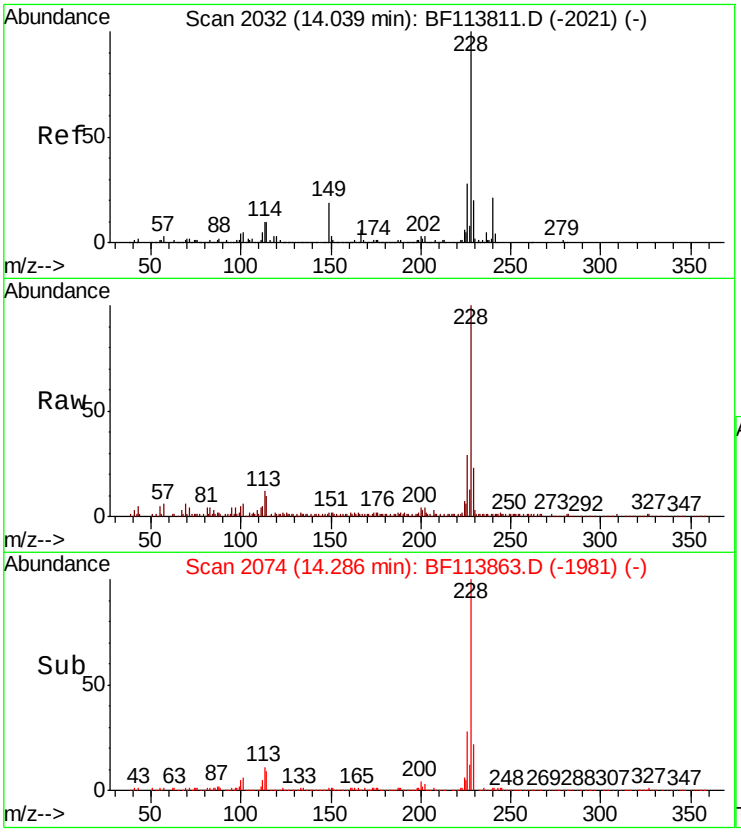


#79
Terphenyl-d14
Concen: 32.519 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.06 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:244 Resp: 764506

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.1	7.6	11.4



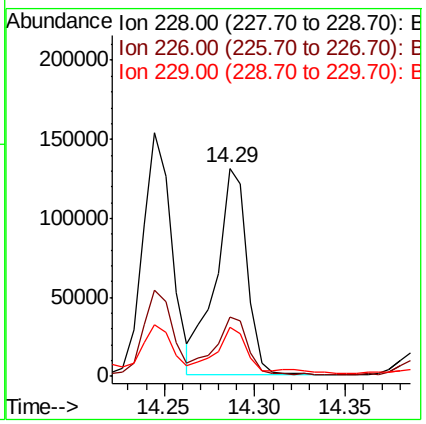


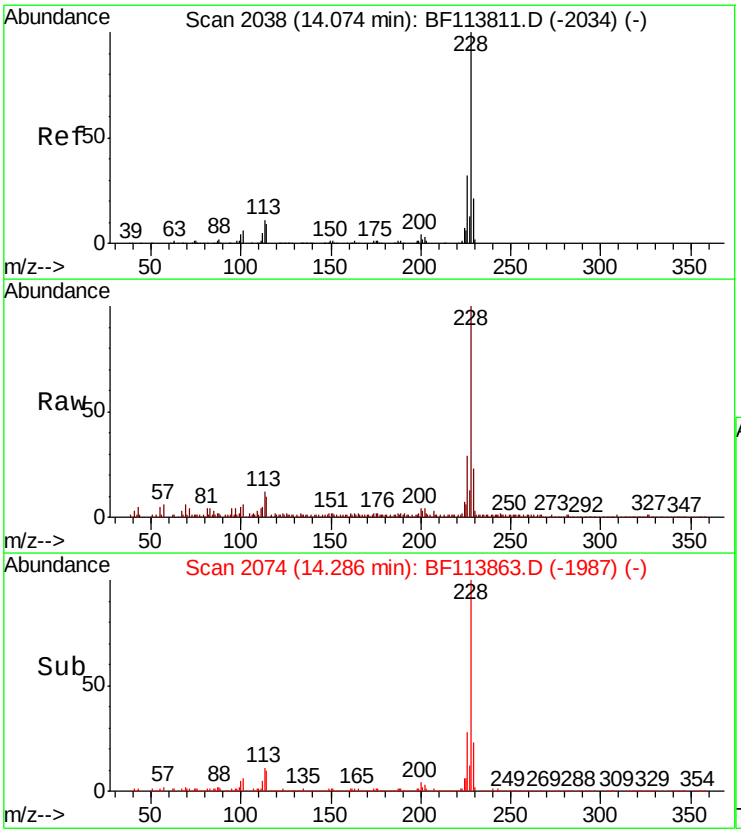
#81
Benzo(a)anthracene
Concen: 5.442 ng
RT: 14.29 min Scan# 2074
Delta R.T. 0.25 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:228 Resp: 156835

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.2
229	23.3	16.0	24.0

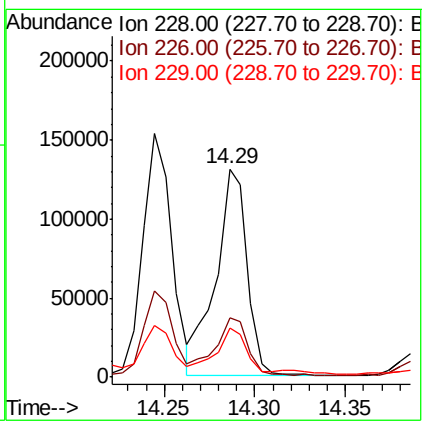


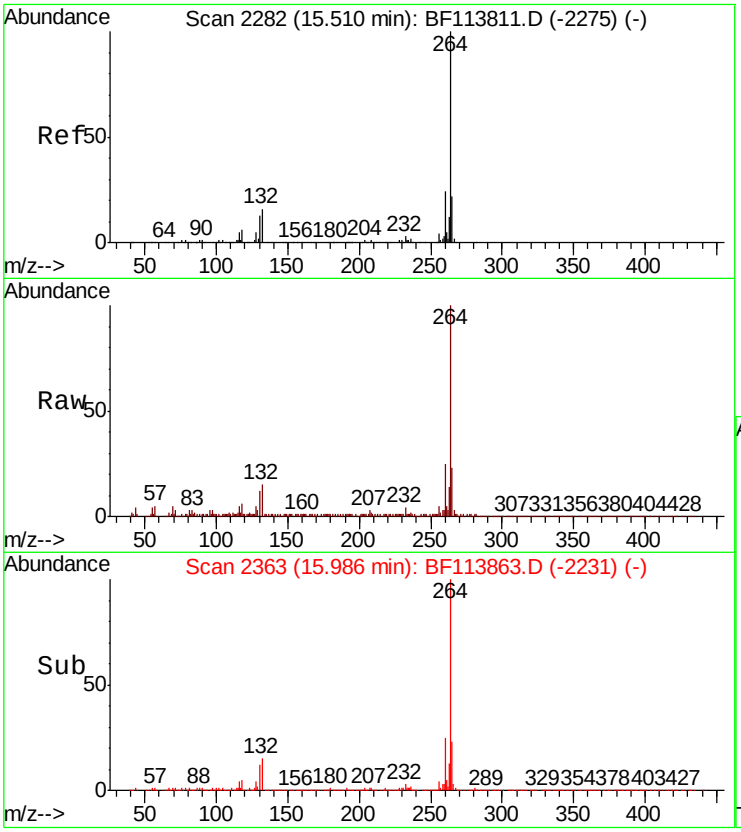


#83
Chrysene
Concen: 5.483 ng
RT: 14.29 min Scan# 2074
Delta R.T. 0.21 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:228 Resp: 156835

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.2	37.8
229	23.3	16.7	25.1



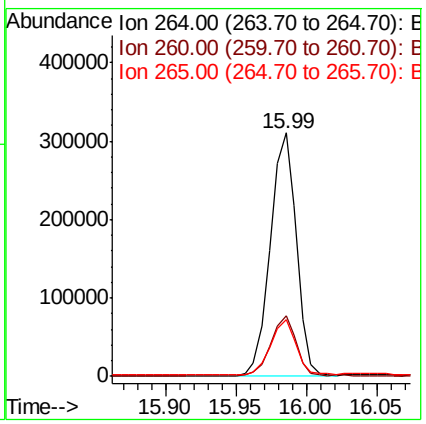


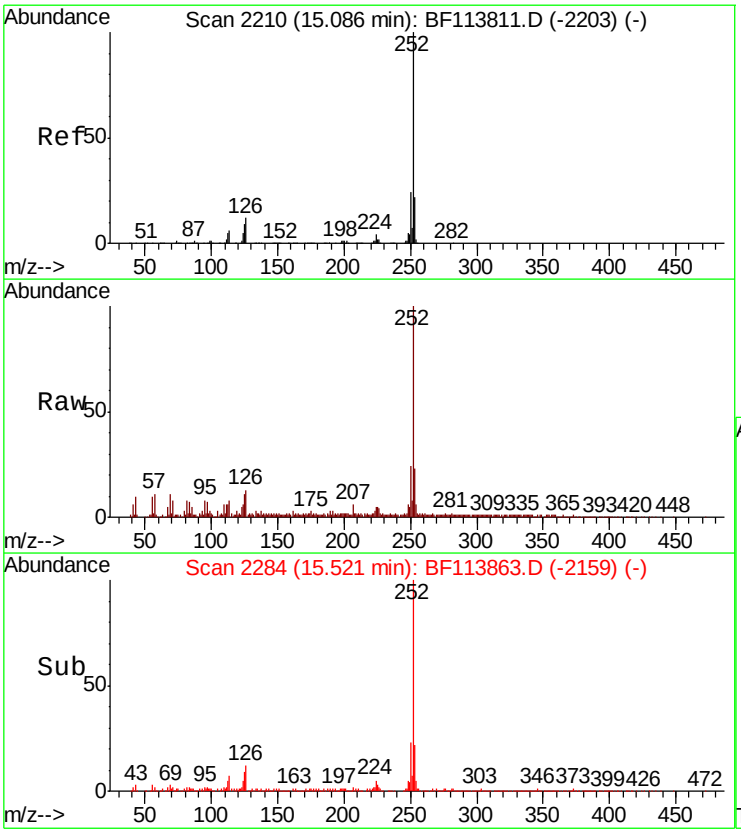
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.99 min Scan# 2363
Delta R.T. 0.48 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:264 Resp: 399081

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.9	28.3
265	23.3	17.3	25.9

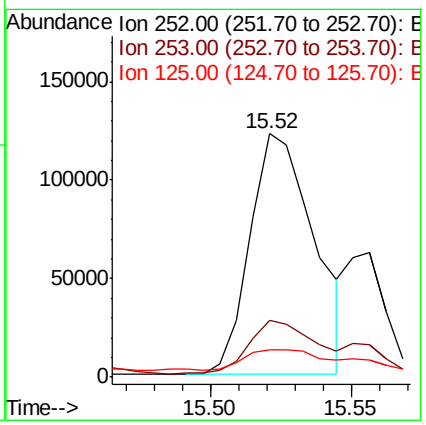


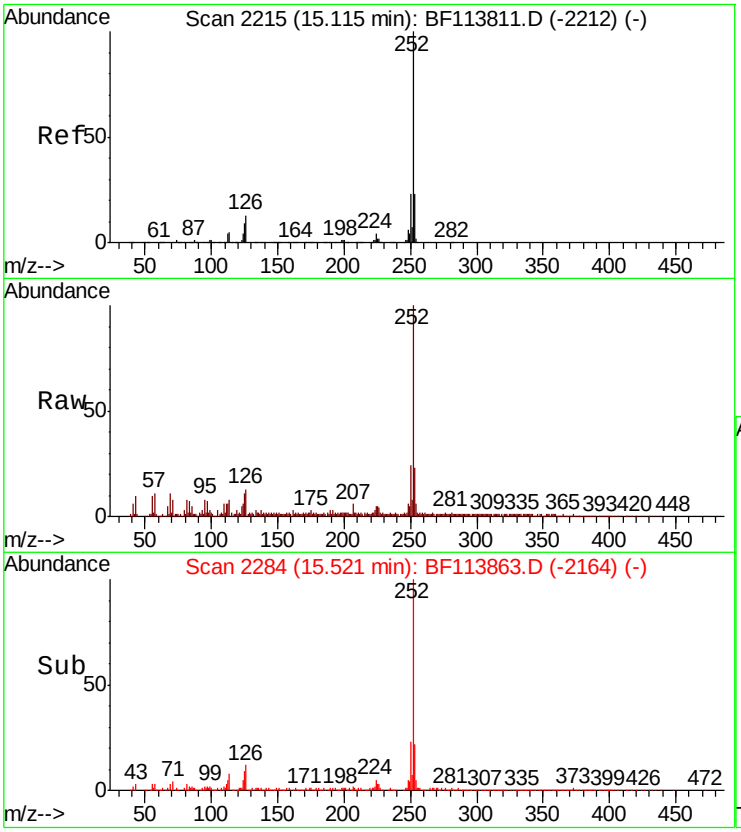


#88
Benzo(b)fluoranthene
Concen: 7.802 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.44 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:252 Resp: 194109

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	11.2	7.0	10.6#



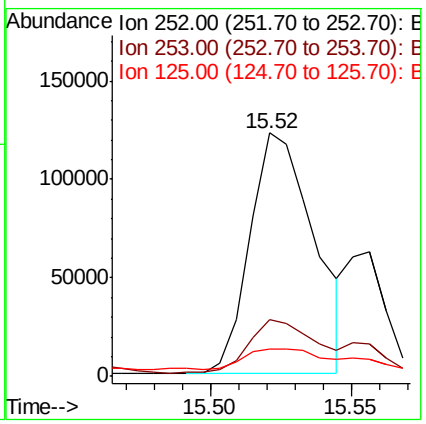


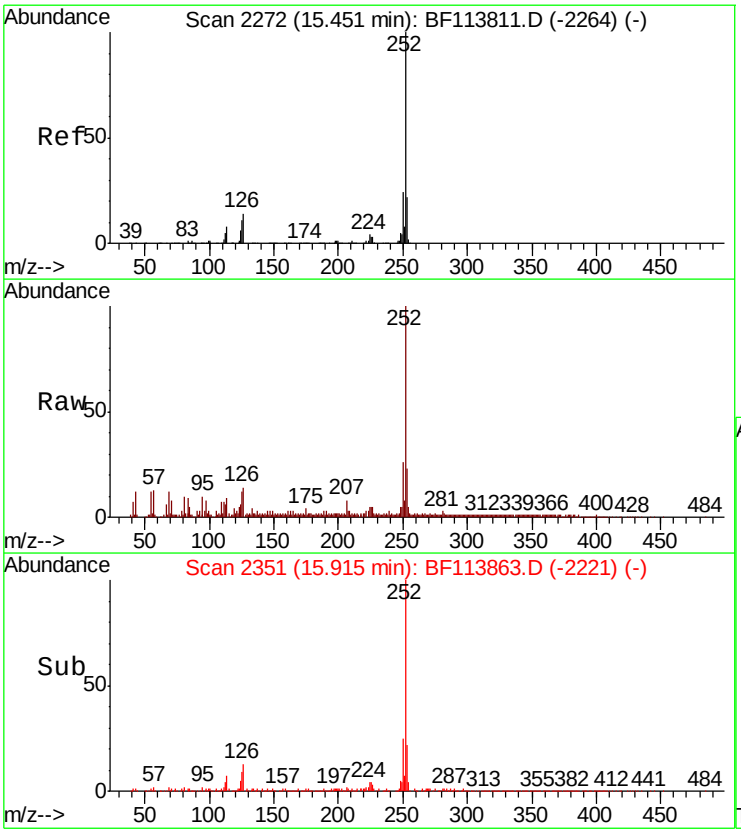
#89
Benzo(k)fluoranthene
Concen: 8.566 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.41 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:252 Resp: 194109

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.2	7.4	11.2#

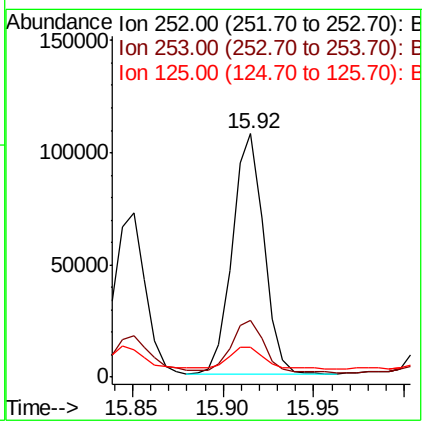


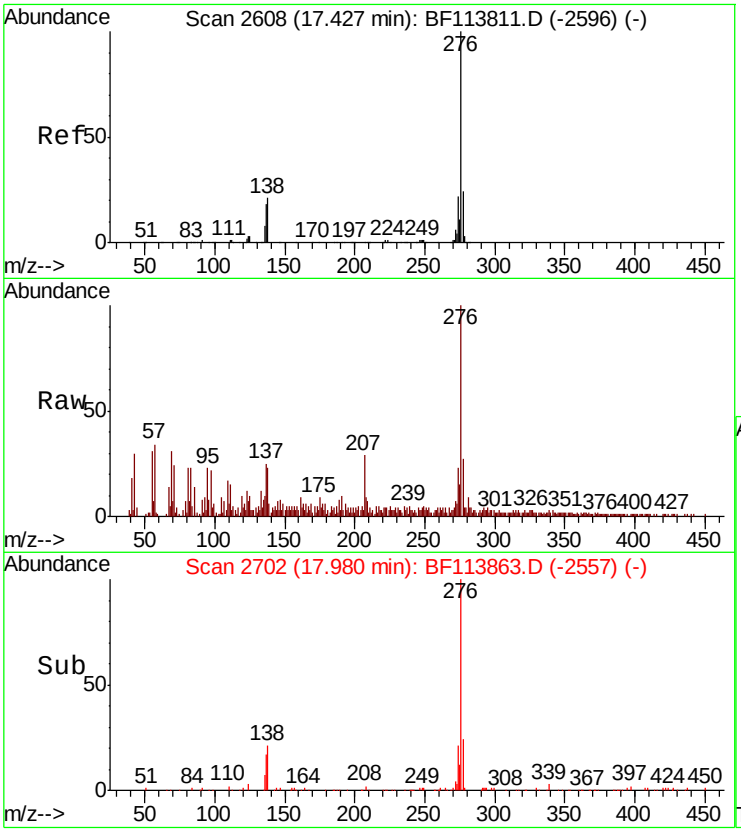


#90
Benzo(a)pyrene
Concen: 5.869 ng
RT: 15.92 min Scan# 2351
Delta R.T. 0.46 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Tgt Ion:252 Resp: 129119

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.2	8.5	12.7





#92
Benzo(g,h,i)perylene
Concen: 3.516 ng
RT: 17.98 min Scan# 2702
Delta R.T. 0.55 min
Lab File: BF113863.D
Acq: 19 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Tgt Ion:276 Resp: 69958

Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.0	28.4
138	23.2	16.6	25.0