Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

Quantitation Report (Not Reviewed)

Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Time: Dec 16 00:41:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	167361	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	691279	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	310359	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	490956	20.00	ng		0.00
76) Chrysene-d12	13.95	240	329271	20.00	ng		0.00
87) Perylene-d12	15.39	264	334523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1290472	128.31	ng		0.01
7) Phenol-d6	6.45	99	1689491	126.29	ng		0.00
23) Nitrobenzene-d5	7.36	82	1035924	89.24	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	276475	99.45	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1426589	71.00	ng		0.00
79) Terphenyl-d14	12.90	244	899858	64.17	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	125047	8.391	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	137515	15.580	ng	#	81
25) Isophorone	7.36	82	1035906	52.739	ng	#	64
50) Dimethylphthalate	9.55	163	152850	6.838	ng		96
57) 2,4-Dinitrotoluene	9.83	165	41112	6.226	ng	#	25
67) 4-Bromophenyl-phenylether	10.62	248	17990	3.400	ng	#	1
71) Phenanthrene	11.34	178	344534	13.619	ng		93
72) Anthracene	11.34	178	344534	13.317	ng		94
75) Fluoranthene	12.53	202	401074	16.206	ng		95
78) Pyrene	12.75	202	344039	14.820	ng		95
80) Butylbenzylphthalate	13.37	149	23751	2.099	ng		89
81) Benzo(a)anthracene	13.94	228	170618	9.530	ng		99
83) Chrysene	13.97	228	156859	8.317	ng		95
86) Indeno(1,2,3-cd)pyrene	16.80	276	92312	6.782	ng	#	89
88) Benzo(b)fluoranthene	14.97	252	320274	16.422	ng		99
89) Benzo(k)fluoranthene	14.97	252	320274	17.186	ng		99
90) Benzo(a)pyrene	15.33	252	163684	9.307	ng		99
92) Benzo(g,h,i)perylene	17.23	276	80798	5.933	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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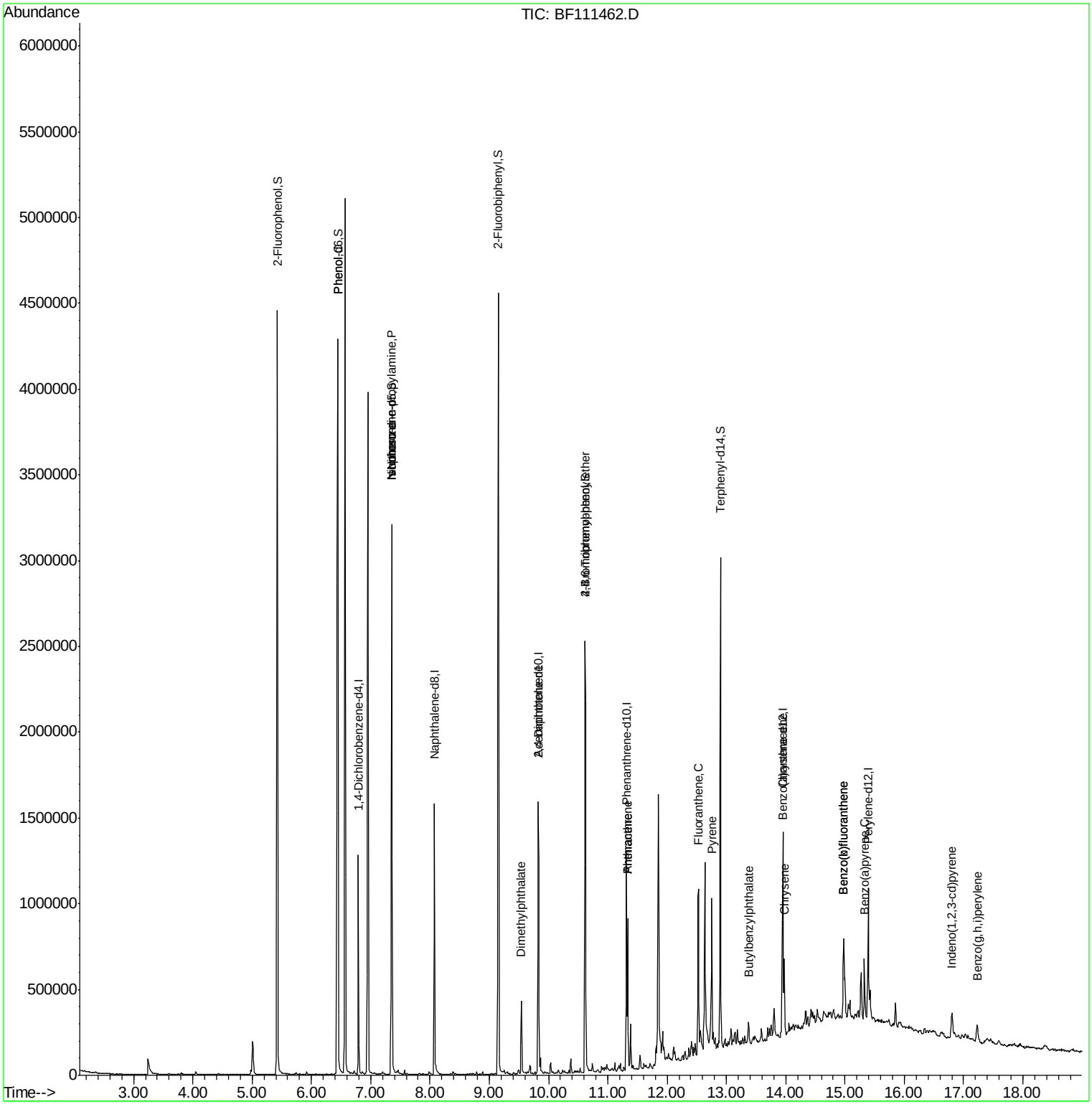
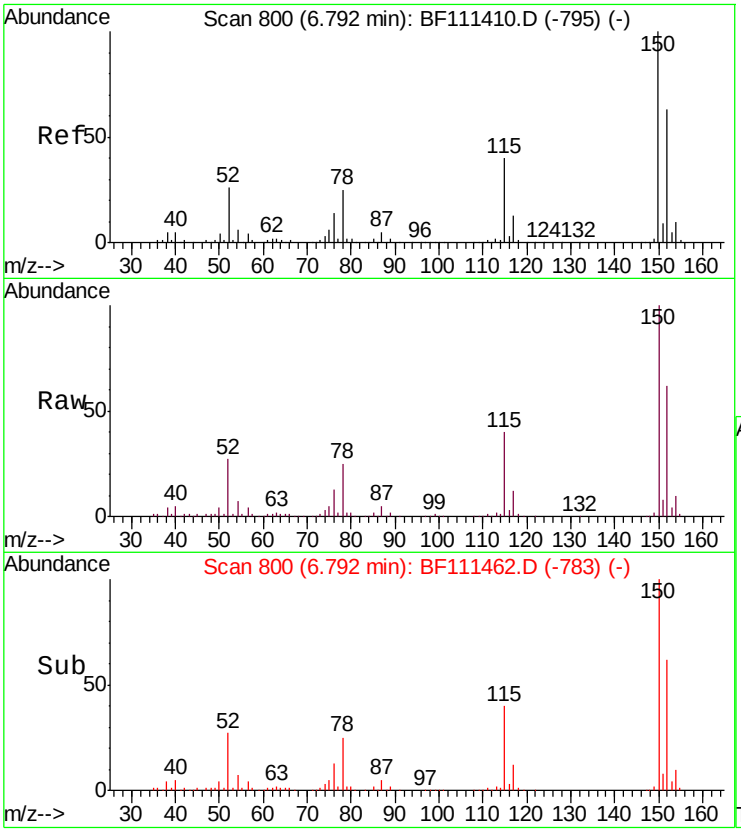
Response via : Initial Calibration



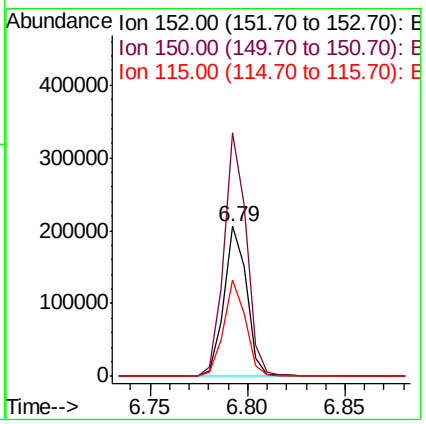


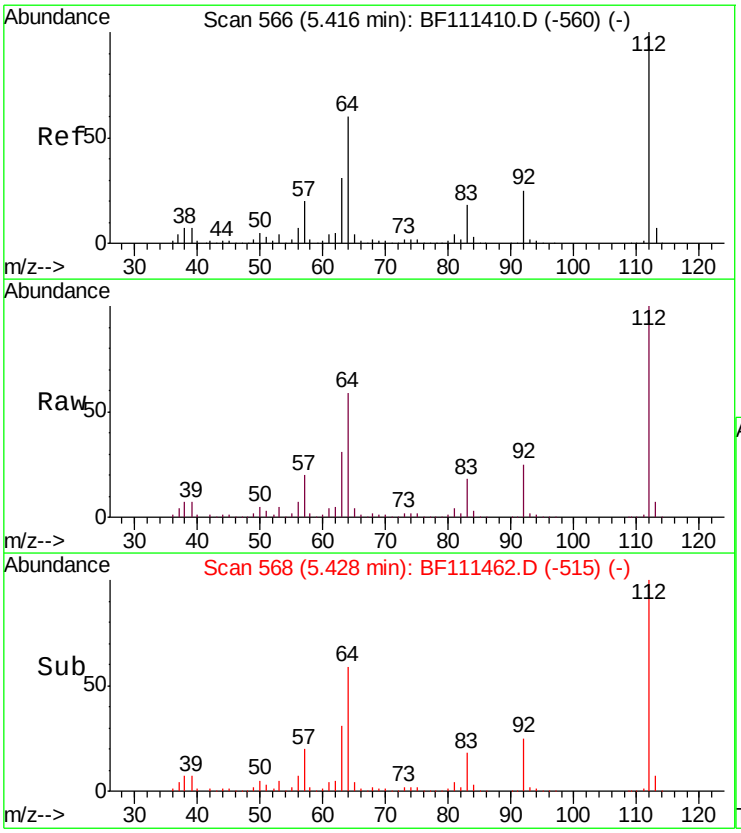
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 167361

Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.6	189.8
115	64.5	50.7	76.1

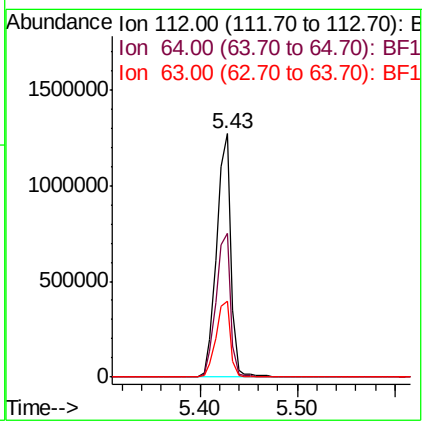


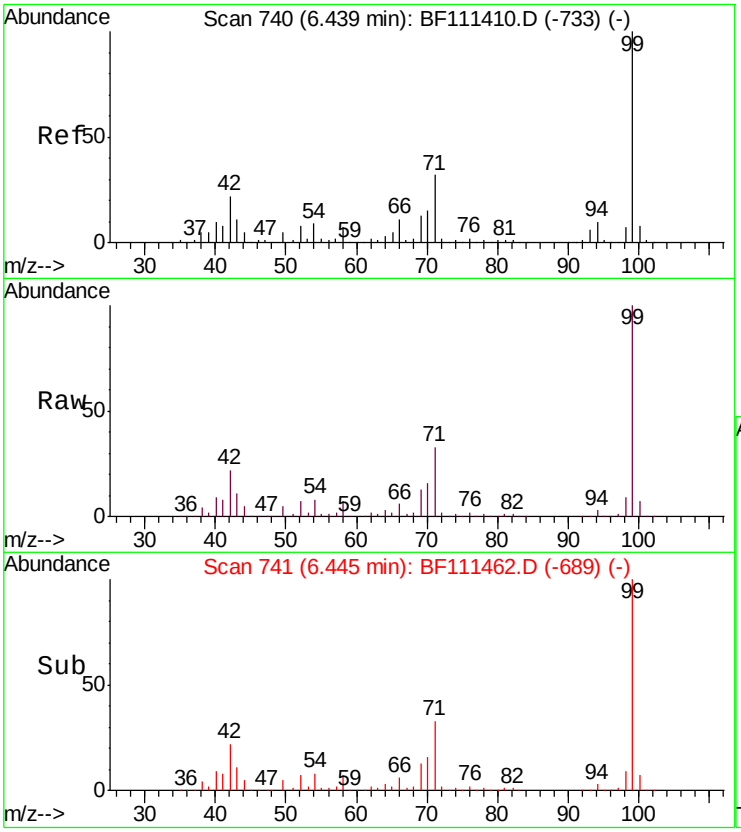


#5
2-Fluorophenol
Concen: 128.311 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:112 Resp: 1290472

Ion	Ratio	Lower	Upper
112	100		
64	59.2	51.8	77.6
63	31.3	26.8	40.2



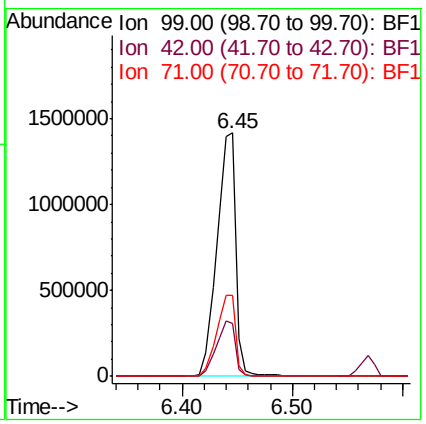


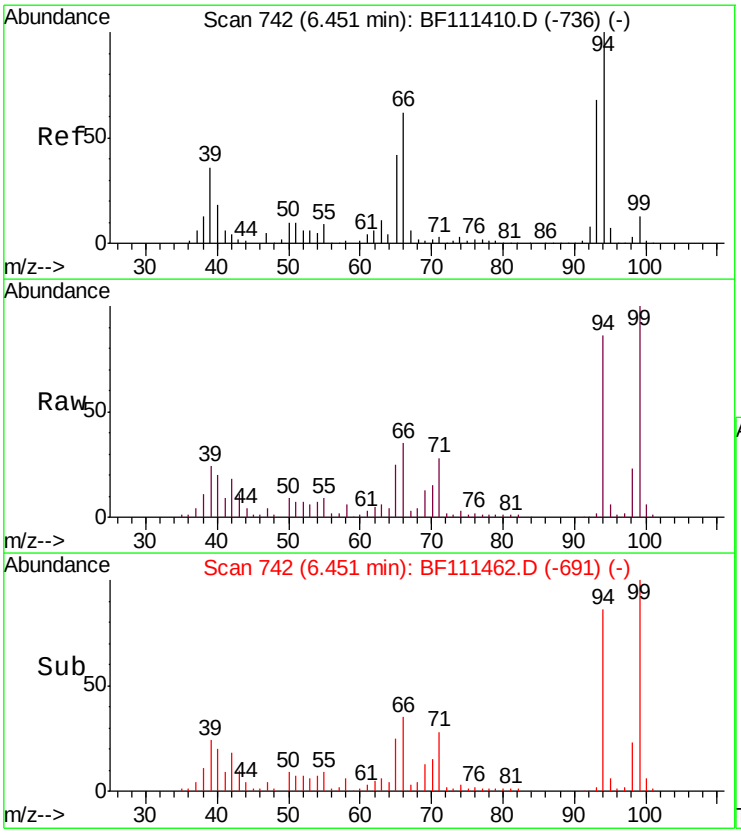
#7
Phenol-d6
Concen: 126.288 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 1689491

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	33.0	26.1	39.1

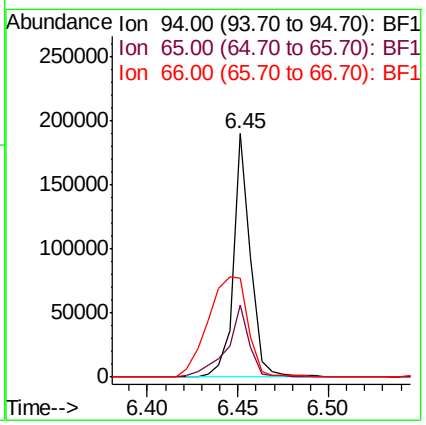


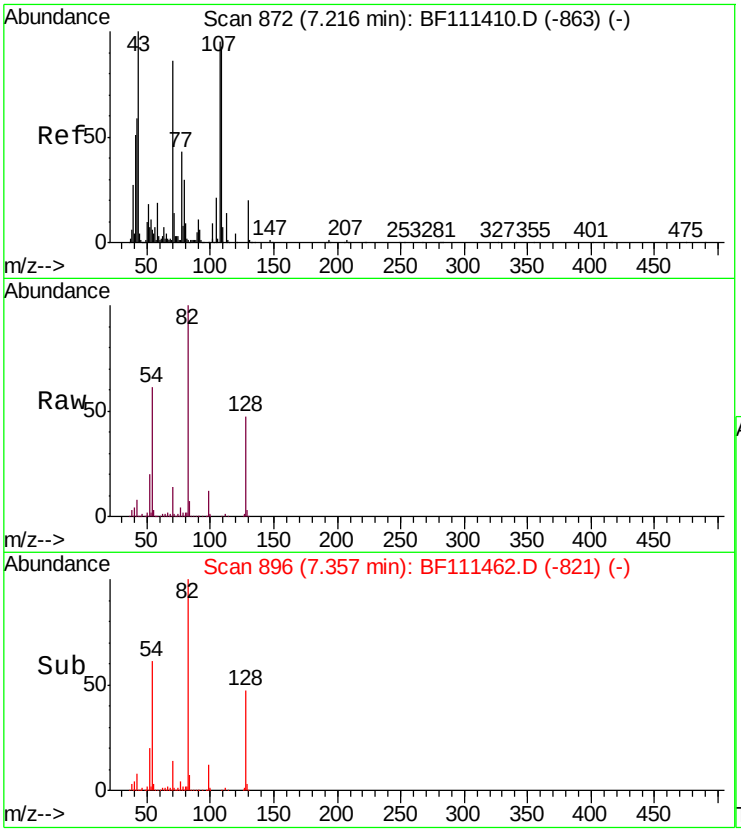


#10
Phenol
Concen: 8.391 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion: 94 Resp: 125047

Ion	Ratio	Lower	Upper
94	100		
65	29.5	11.7	51.7
66	40.8	21.0	61.0



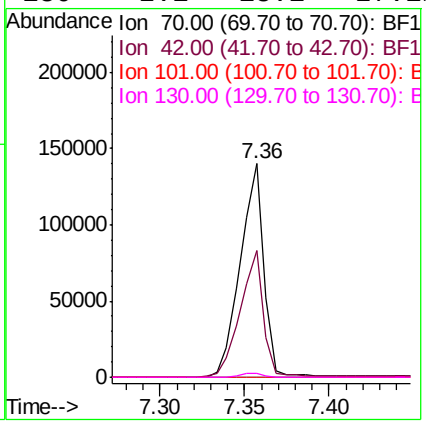


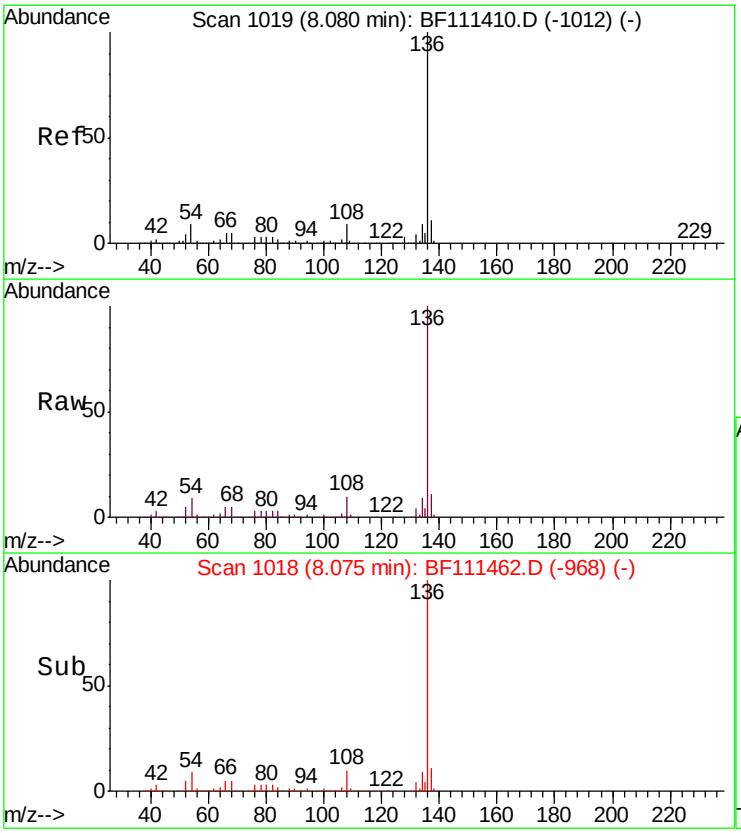
#19
n-Nitroso-di-n-propylamine
Concen: 15.580 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 70 Resp: 137515

Ion	Ratio	Lower	Upper
70	100		
42	59.2	53.2	79.8
101	0.0	8.2	12.4#
130	2.1	18.1	27.1#

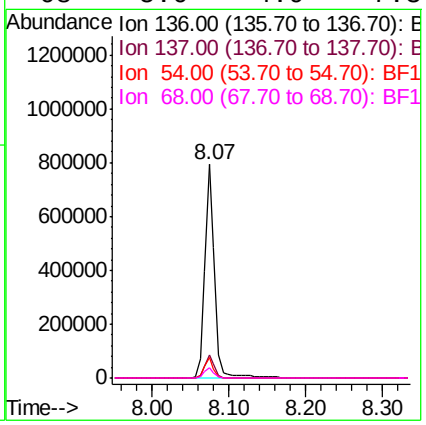


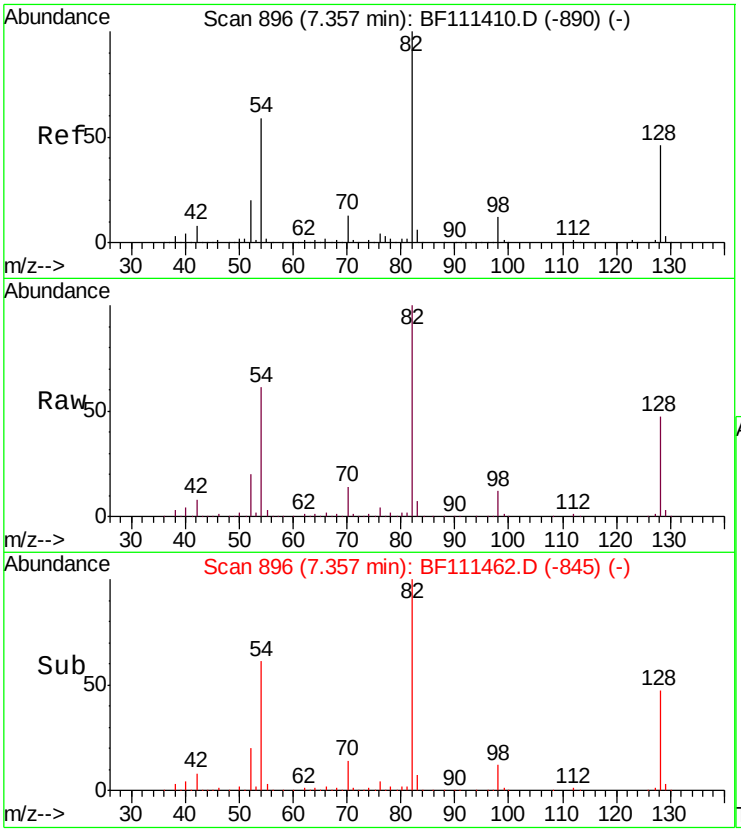


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:136 Resp: 691279

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.3	7.7	11.5
68	5.0	4.9	7.3



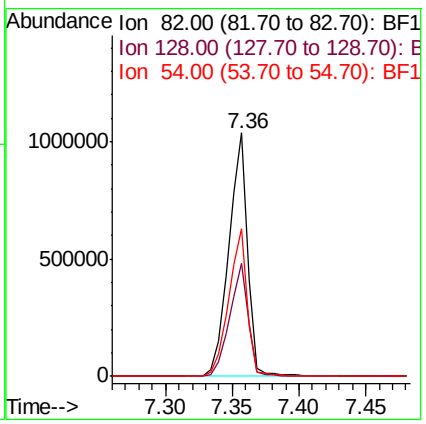


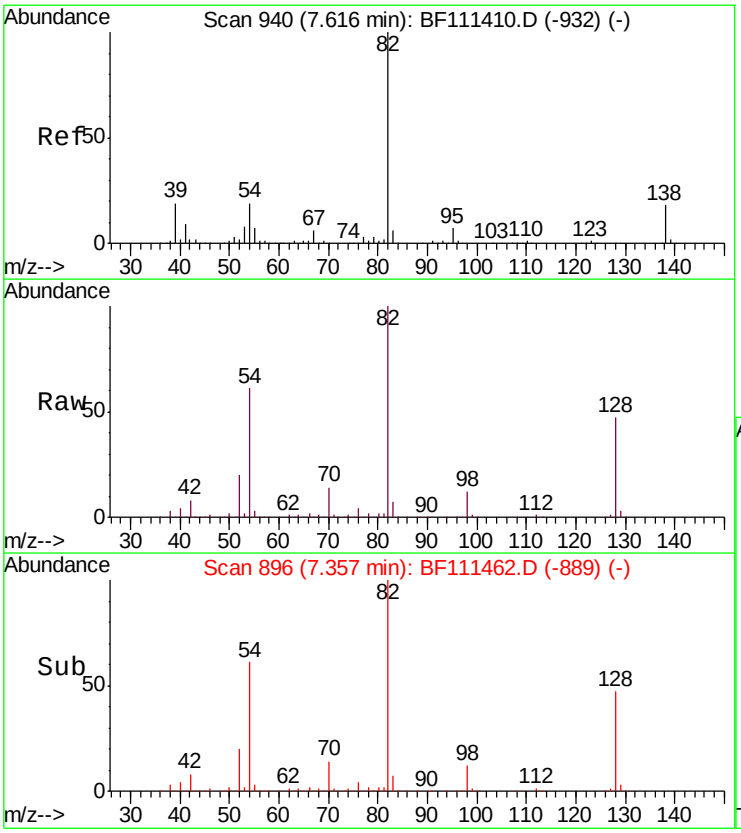
#23
Nitrobenzene-d5
Concen: 89.237 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 82 Resp: 1035924

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.2
54	60.7	47.6	71.4

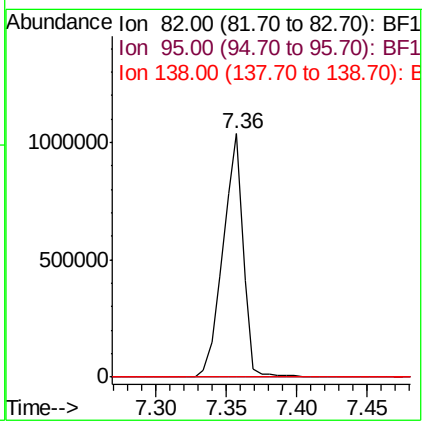


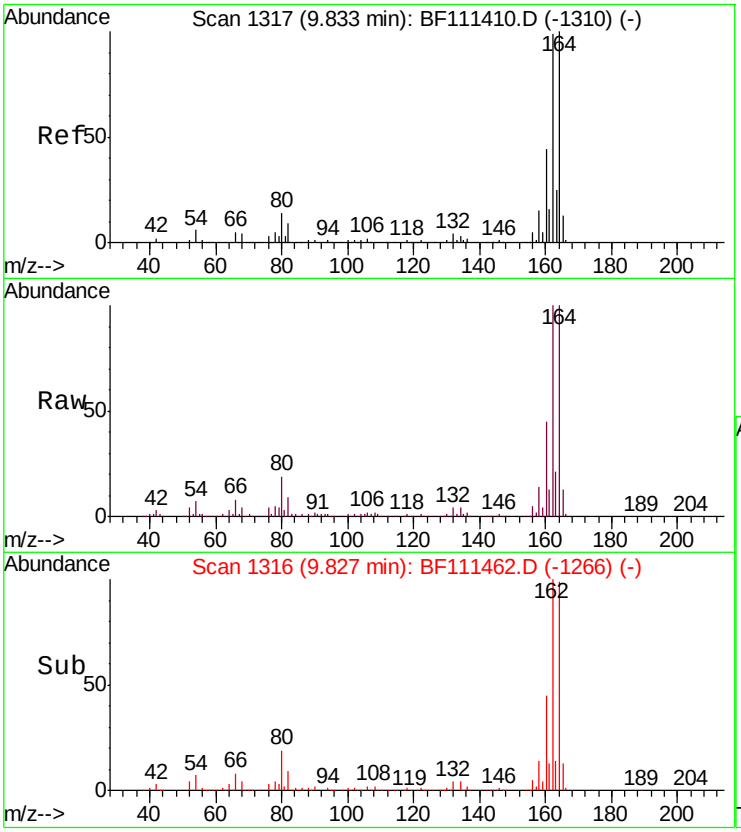


#25
Isophorone
Concen: 52.739 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion: 82 Resp: 1035906

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



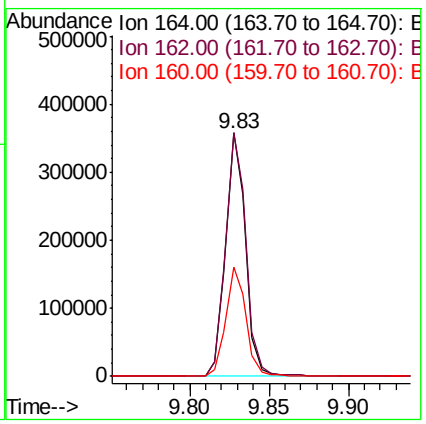


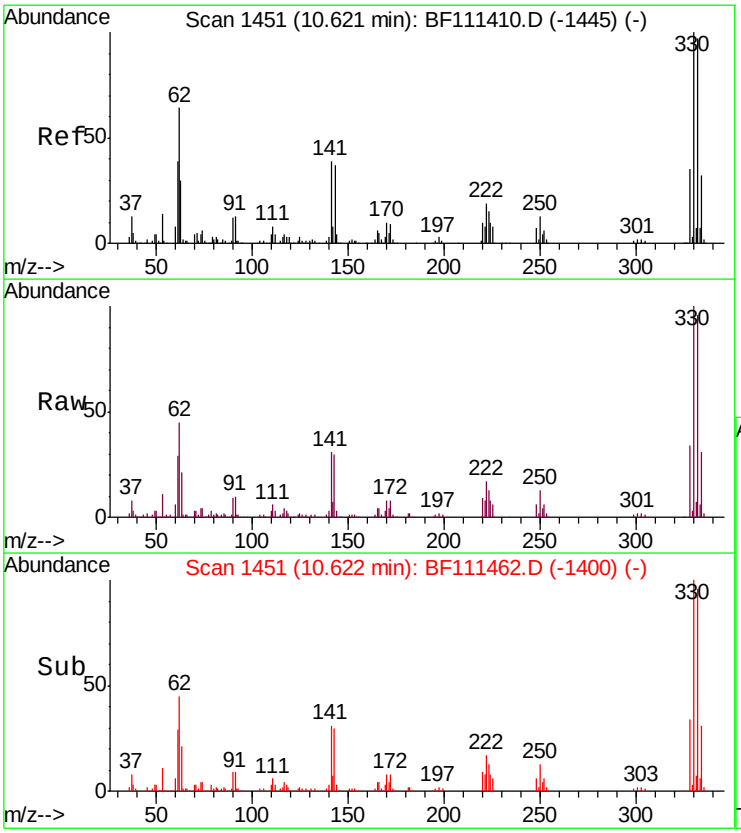
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:164 Resp: 310359

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.0
160	44.9	35.7	53.5

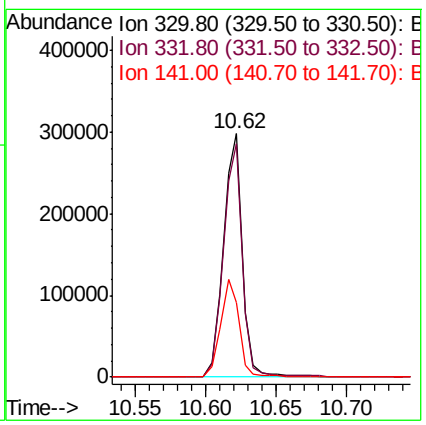


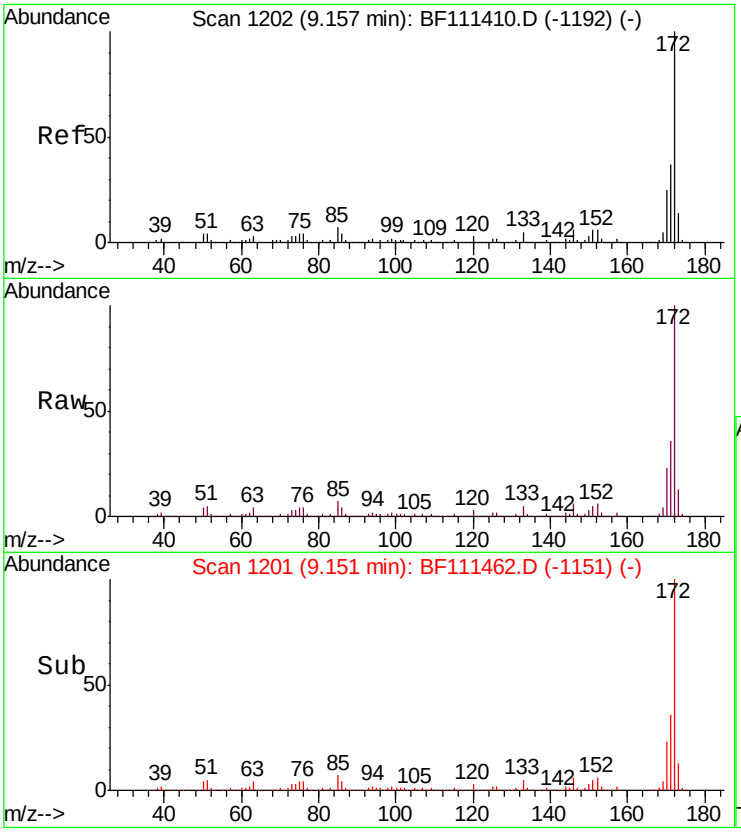


#42
2,4,6-Tribromophenol
Concen: 99.446 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:330 Resp: 276475

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	40.0	31.0	46.6



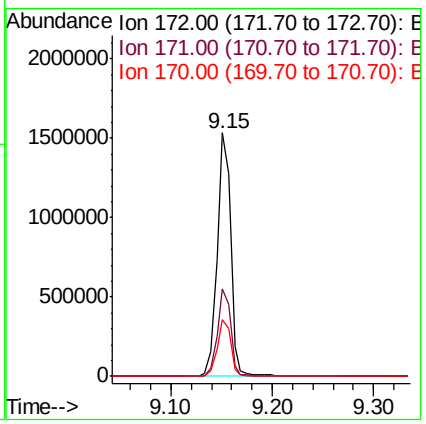


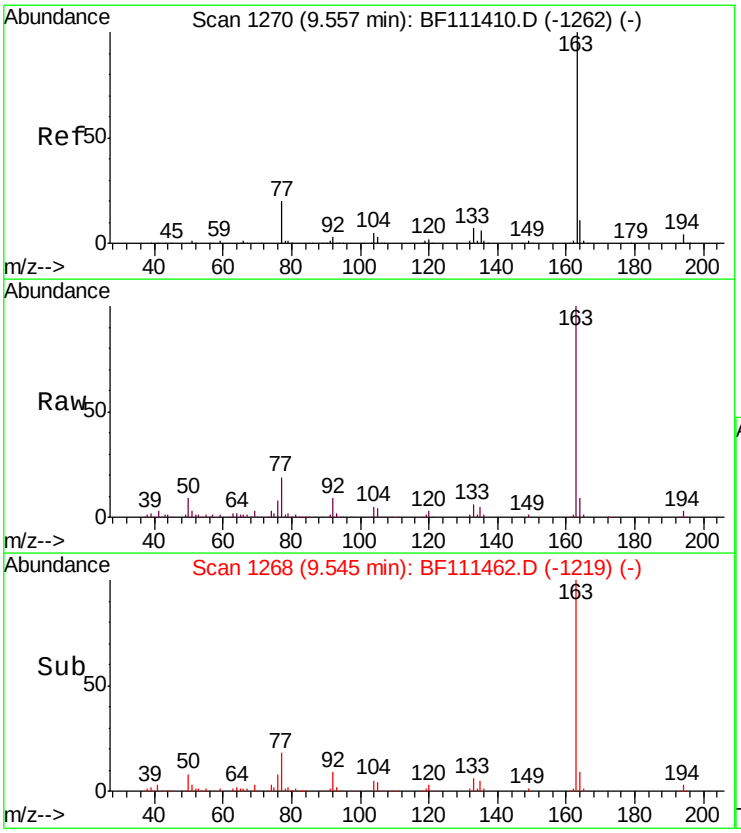
#45
2-Fluorobiphenyl
Concen: 71.001 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:172 Resp: 1426589

Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.3	22.3	33.5

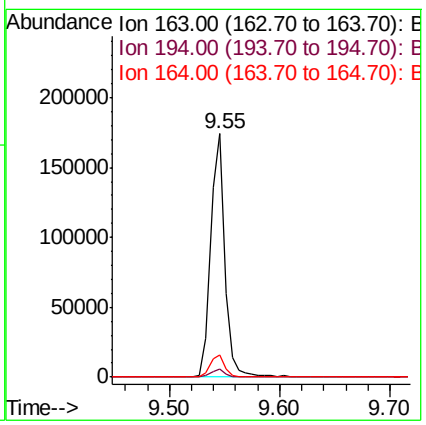


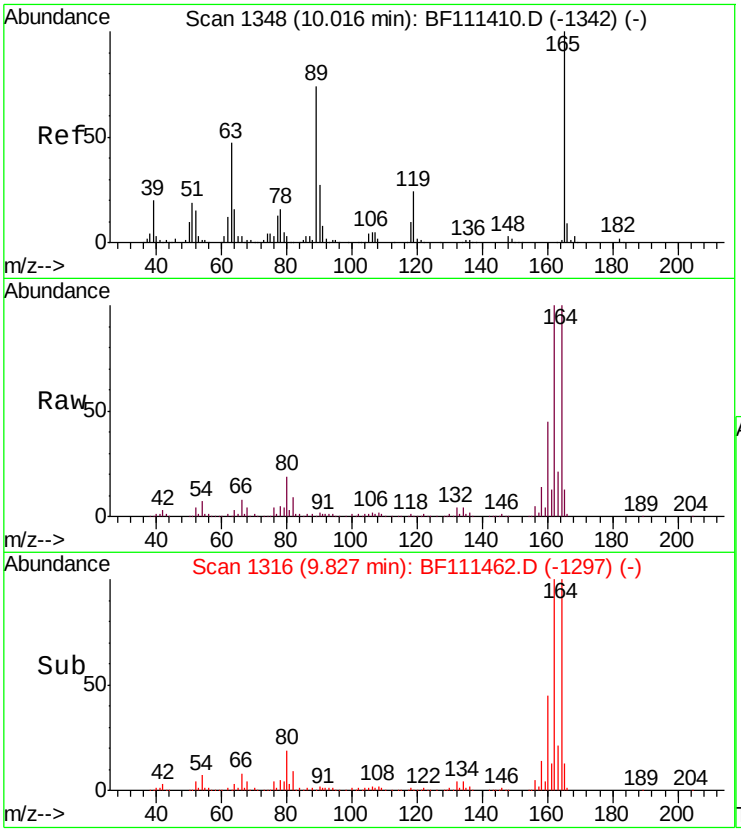


#50
Dimethylphthalate
Concen: 6.838 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:163 Resp: 152850

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	9.4	8.9	13.3



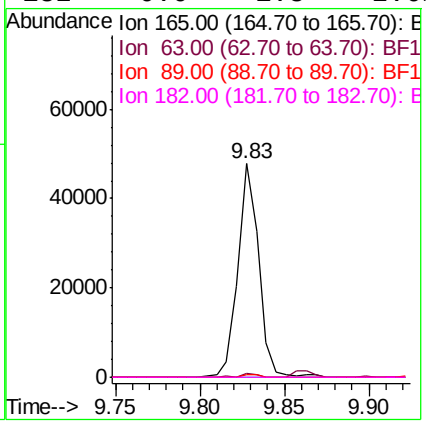


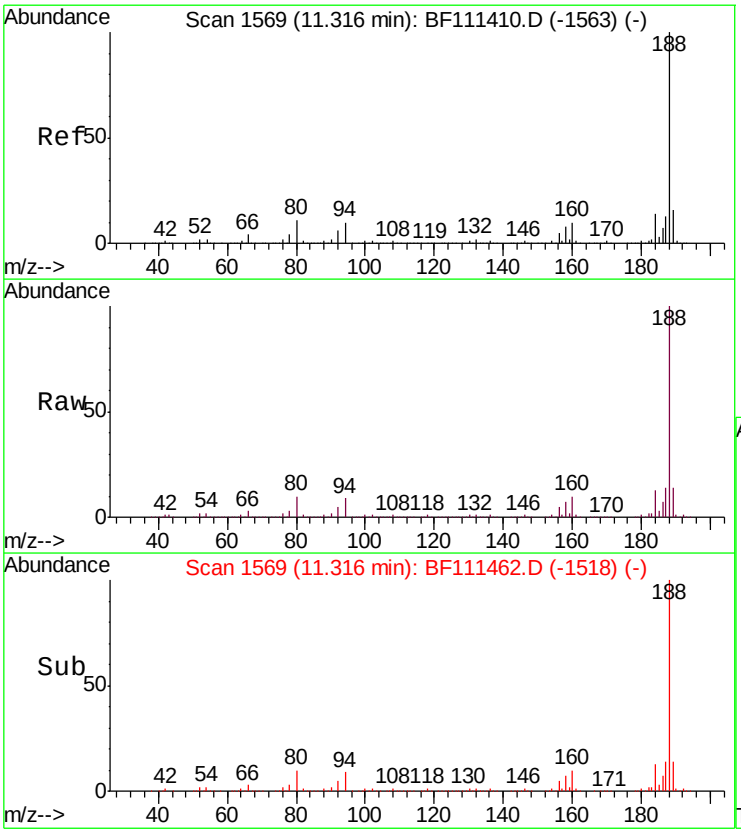
#57
2,4-Dinitrotoluene
Concen: 6.226 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:165 Resp: 41112

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#

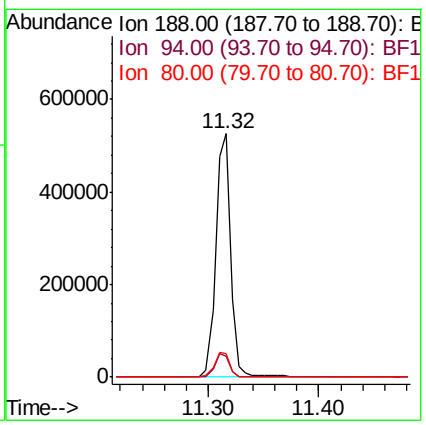


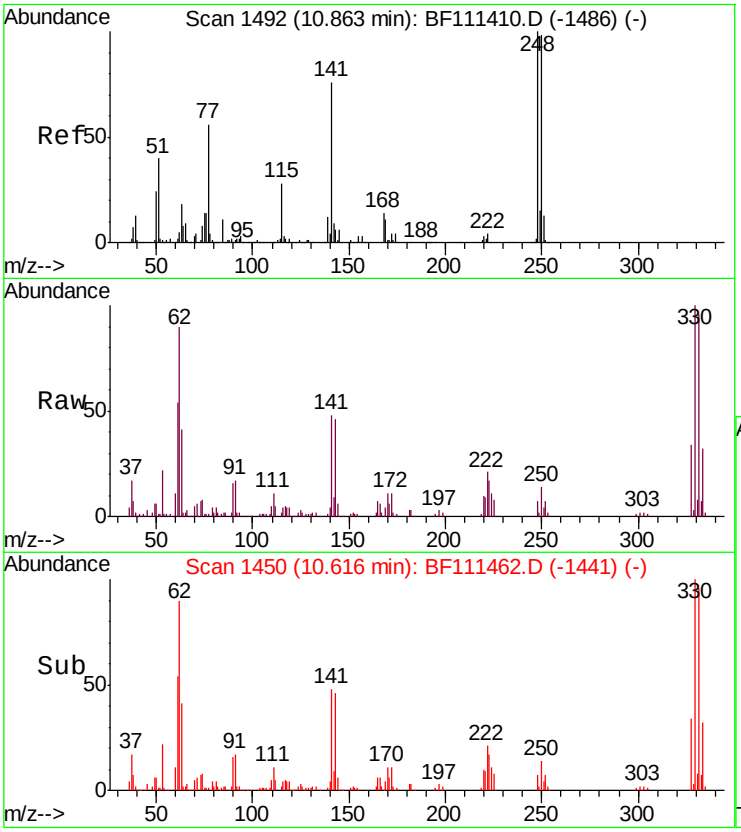


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:188 Resp: 490956

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	9.8	9.8	14.6#



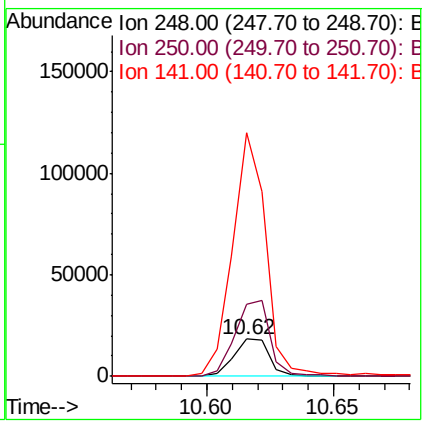


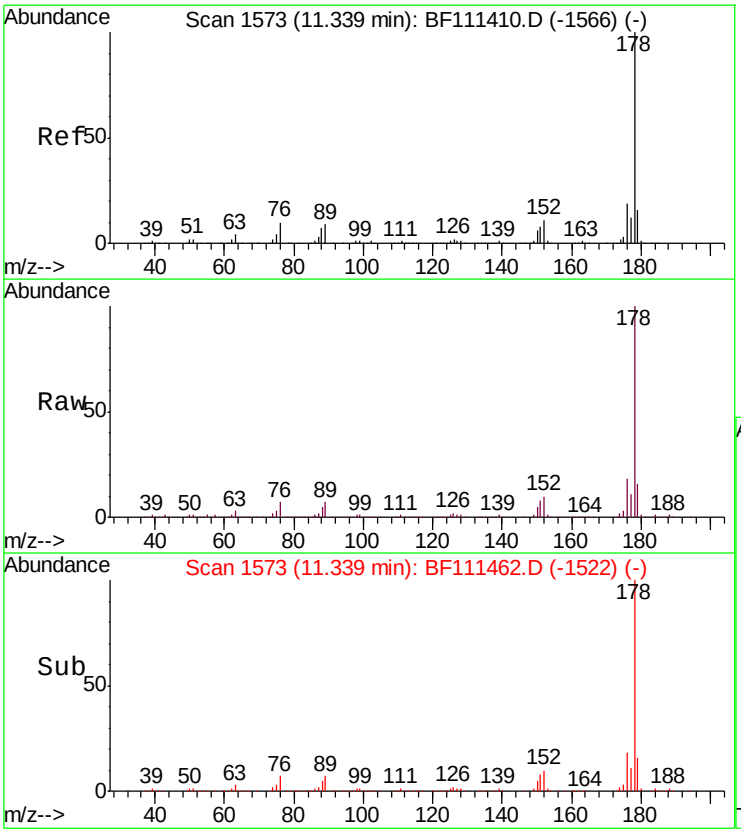
#67
4-Bromophenyl-phenylether
Concen: 3.400 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:248 Resp: 17990

Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.0	115.4#
141	650.2	63.0	94.6#

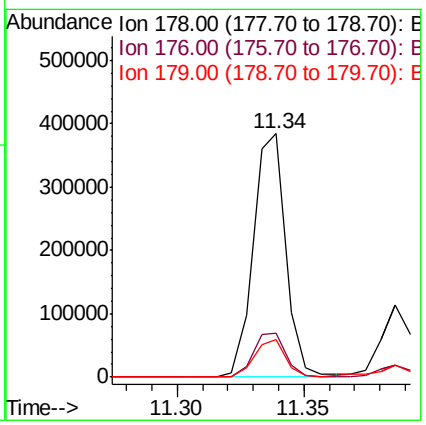


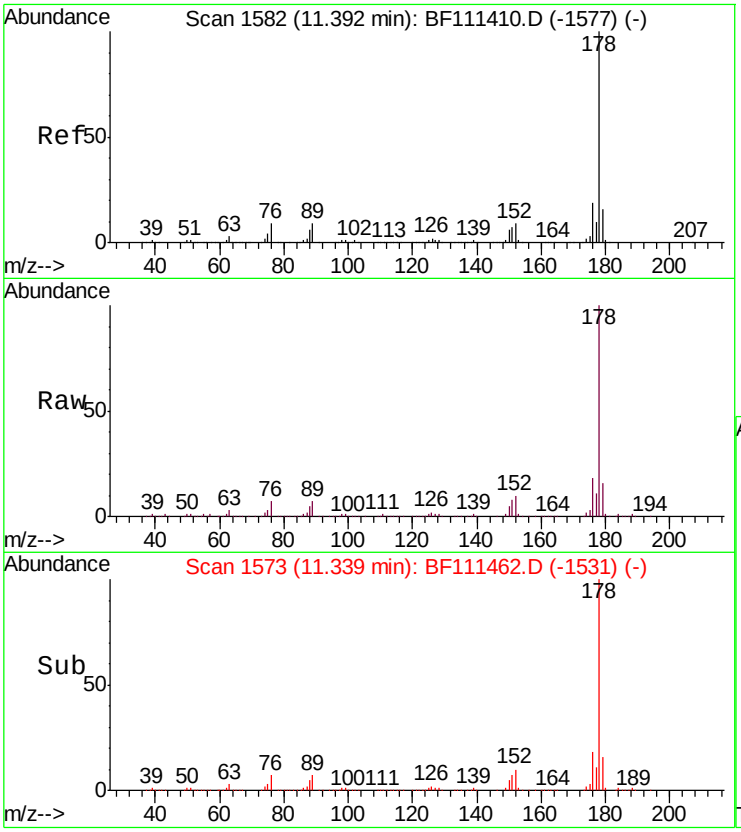


#71
Phenanthrene
Concen: 13.619 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:178 Resp: 344534

Ion	Ratio	Lower	Upper
178	100		
176	18.2	18.1	27.1
179	15.6	14.0	21.0



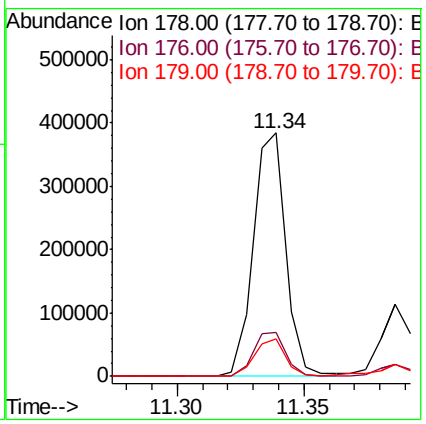


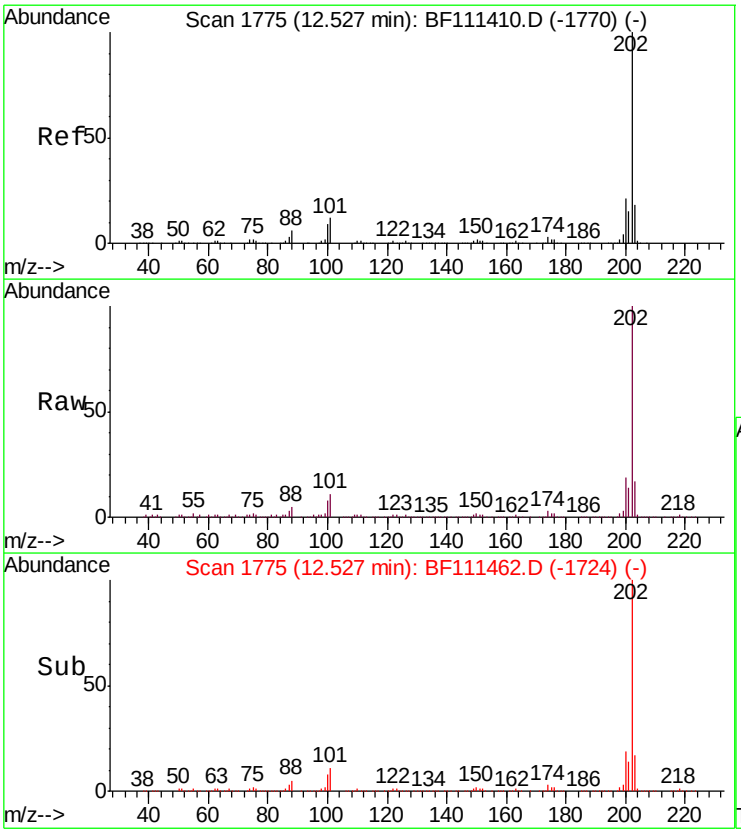
#72
Anthracene
Concen: 13.317 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.05 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:178 Resp: 344534

Ion	Ratio	Lower	Upper
178	100		
176	18.2	17.2	25.8
179	15.6	13.8	20.8

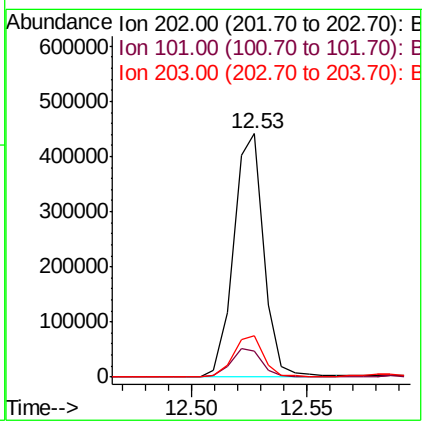


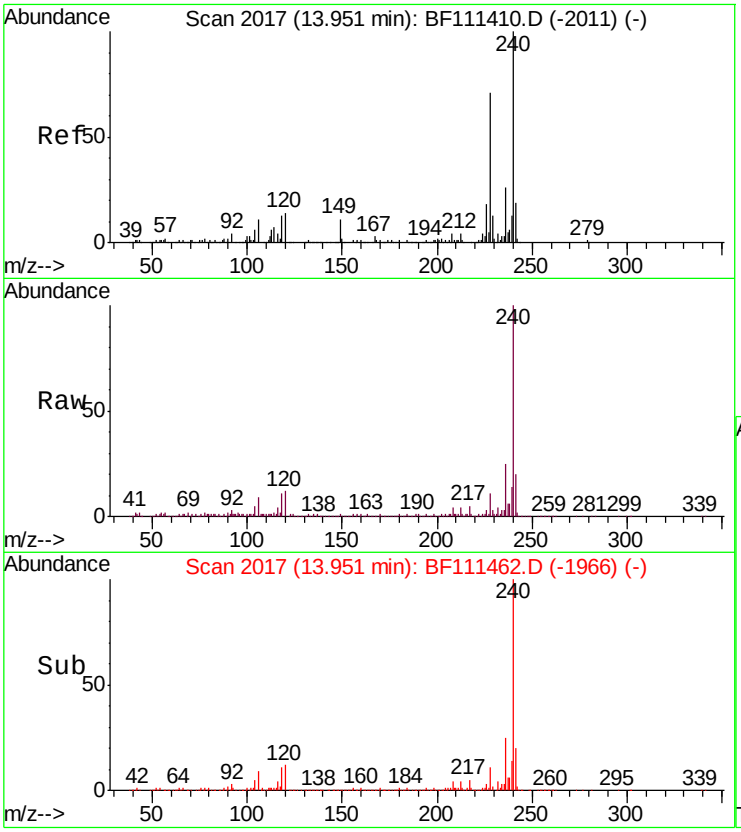


#75
Fluoranthene
Concen: 16.206 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:202 Resp: 401074

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.8
203	16.8	0.0	38.6



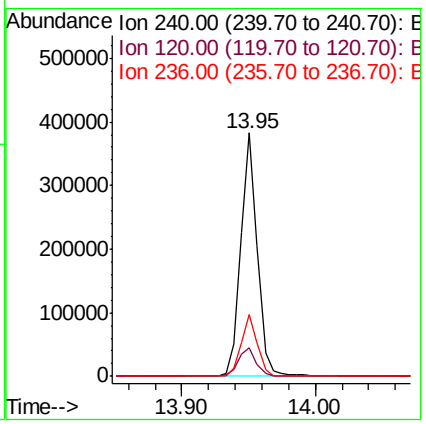


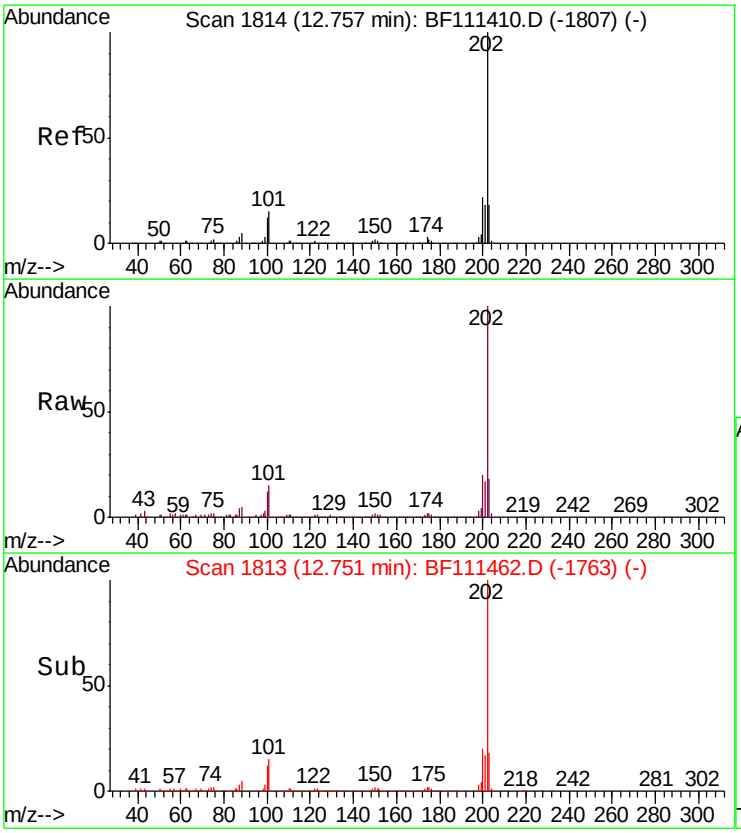
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:240 Resp: 329271

Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.2	18.2#
236	25.3	20.2	30.2

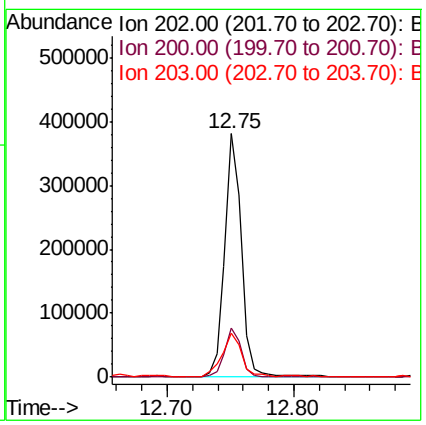


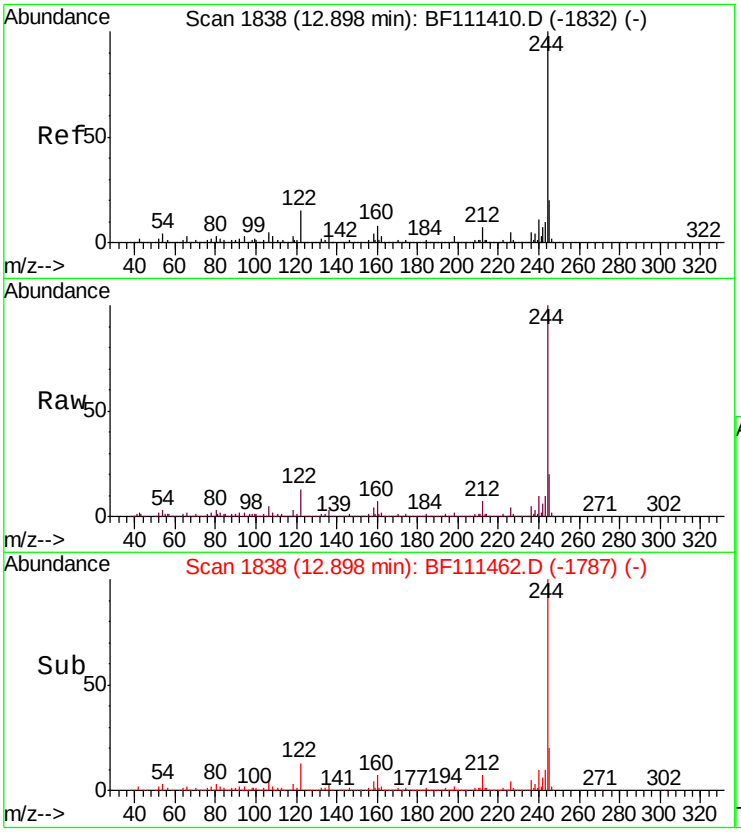


#78
Pyrene
Concen: 14.820 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:202 Resp: 344039

Ion	Ratio	Lower	Upper
202	100		
200	20.0	19.0	28.4
203	17.9	15.2	22.8



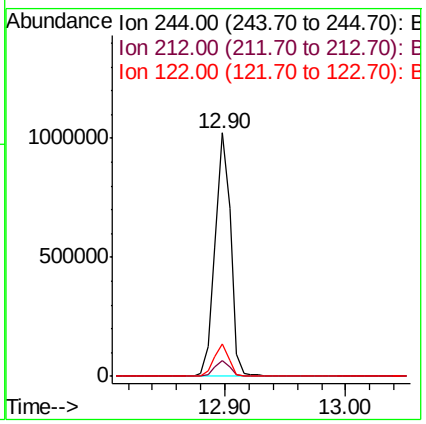


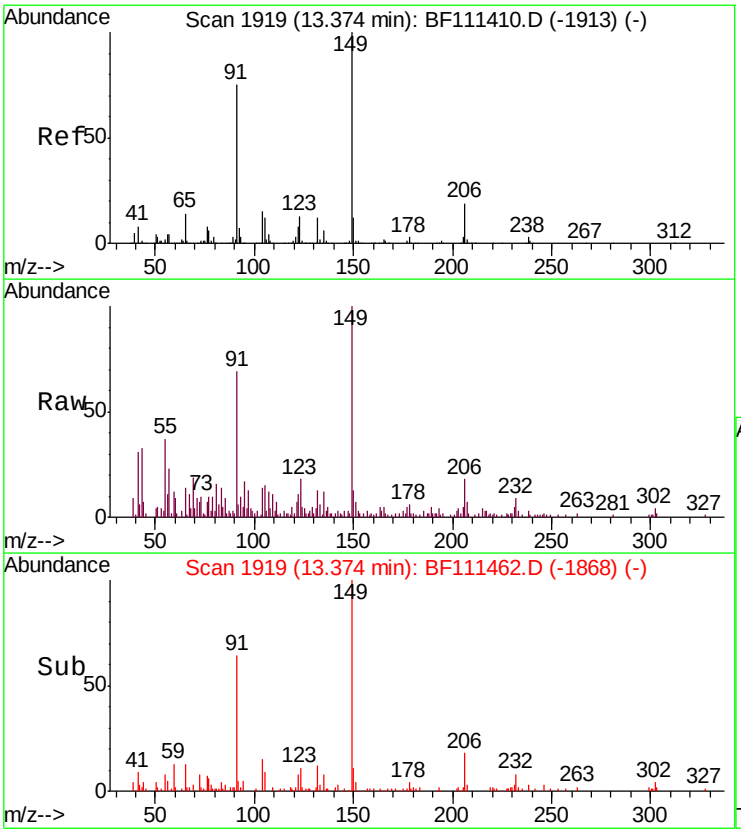
#79
Terphenyl-d14
Concen: 64.174 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:244 Resp: 899858

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.3	13.1	19.7

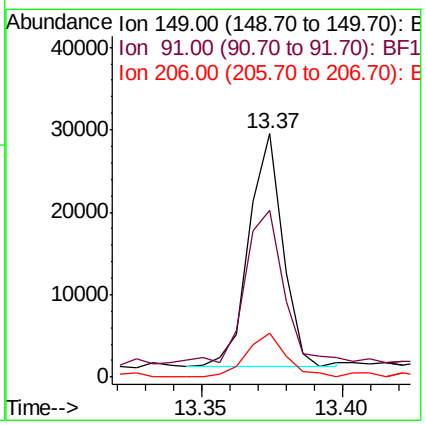


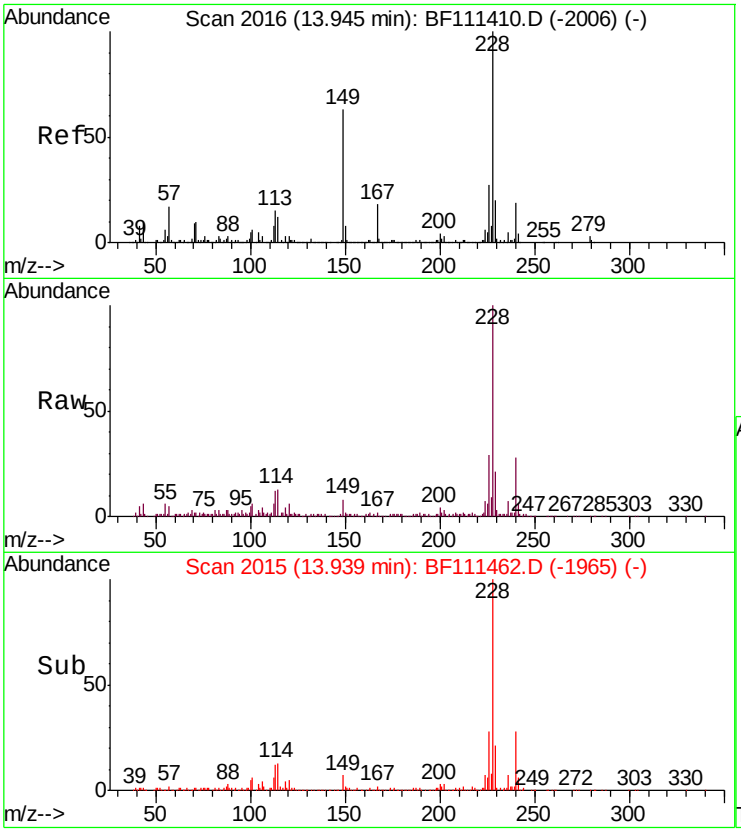


#80
Butylbenzylphthalate
Concen: 2.099 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:149 Resp: 23751

Ion	Ratio	Lower	Upper
149	100		
91	68.6	63.8	95.6
206	18.1	15.1	22.7



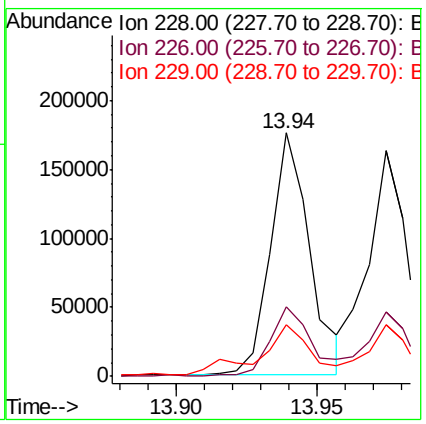


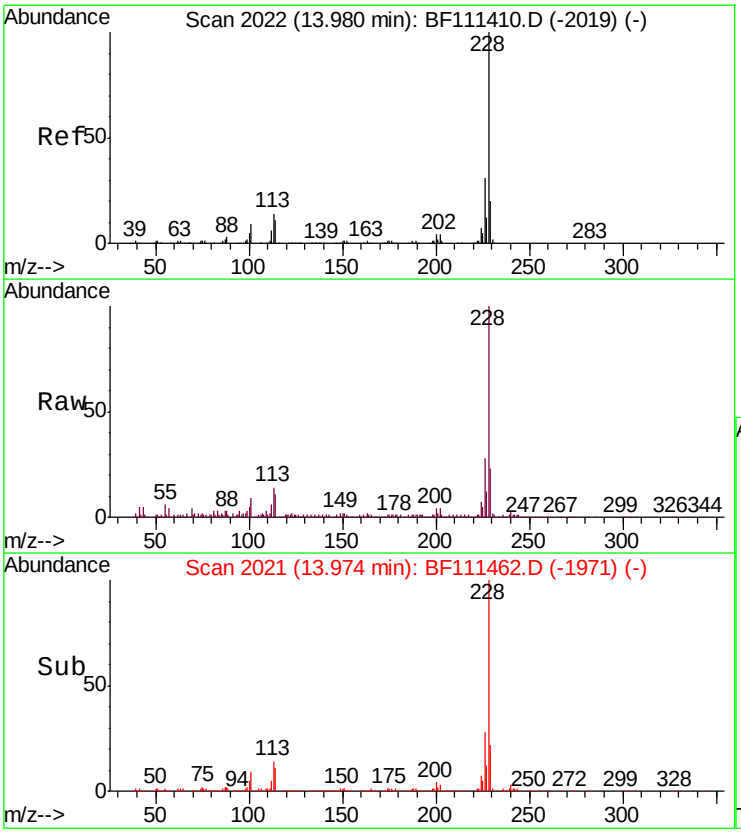
#81
Benzo(a)anthracene
Concen: 9.530 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:228 Resp: 170618

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.0	16.3	24.5

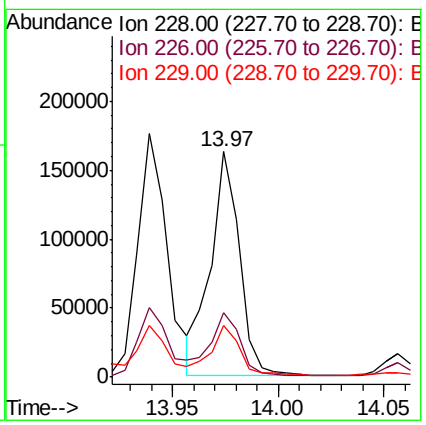


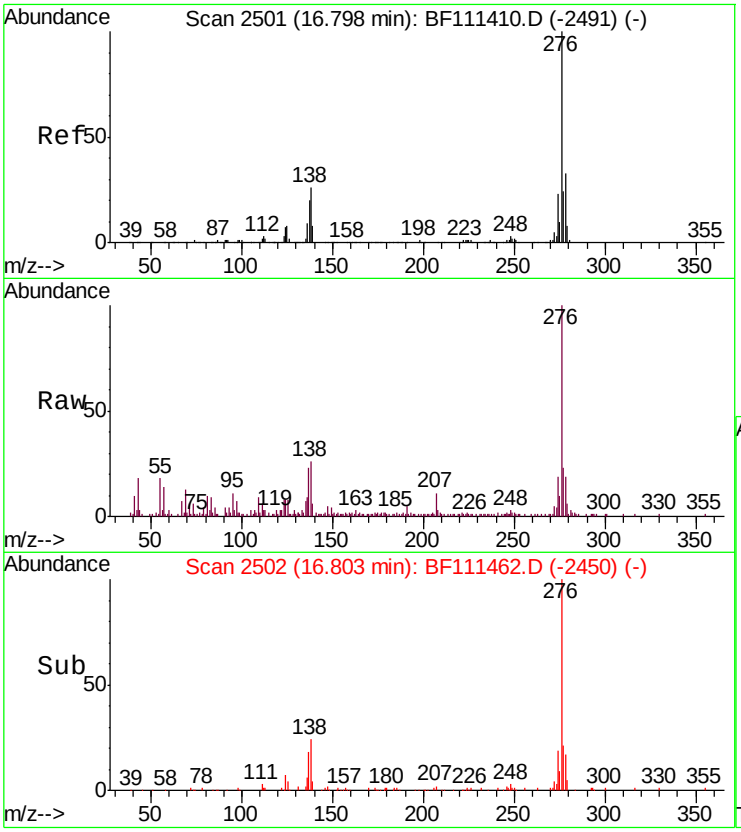


#83
Chrysene
Concen: 8.317 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:228 Resp: 156859

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.3	37.9
229	23.0	17.2	25.8



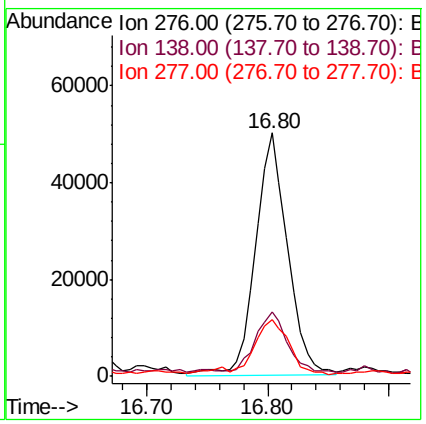


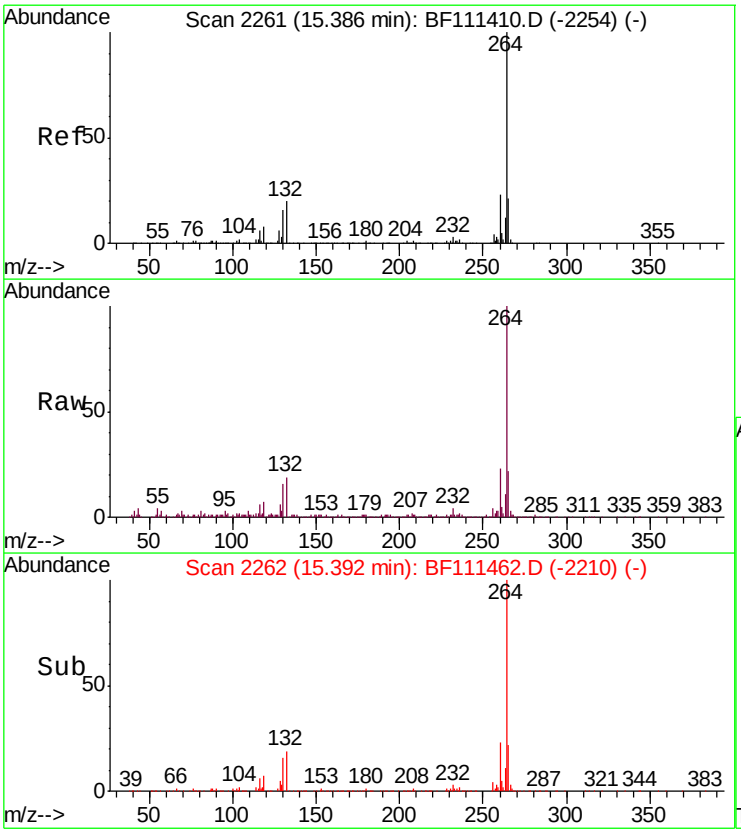
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.782 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:276 Resp: 92312

Ion	Ratio	Lower	Upper
276	100		
138	24.9	27.8	41.6#
277	23.4	20.1	30.1

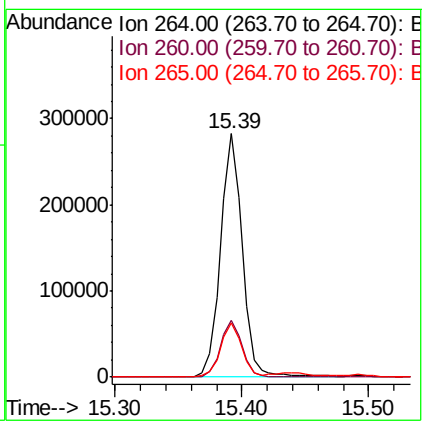


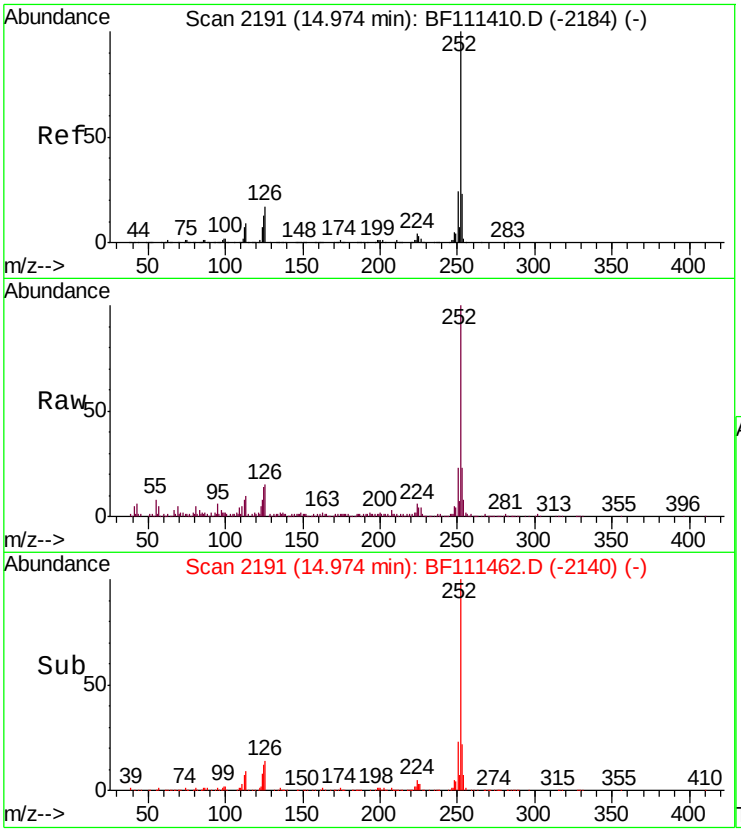


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:264 Resp: 334523

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	22.2	17.7	26.5



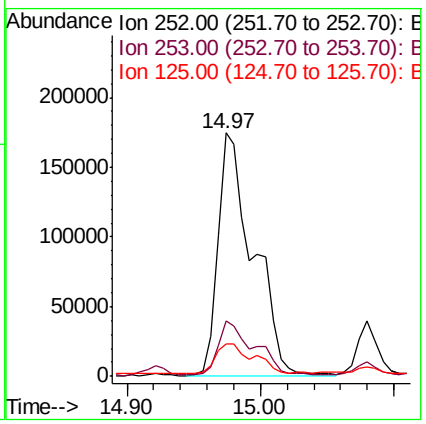


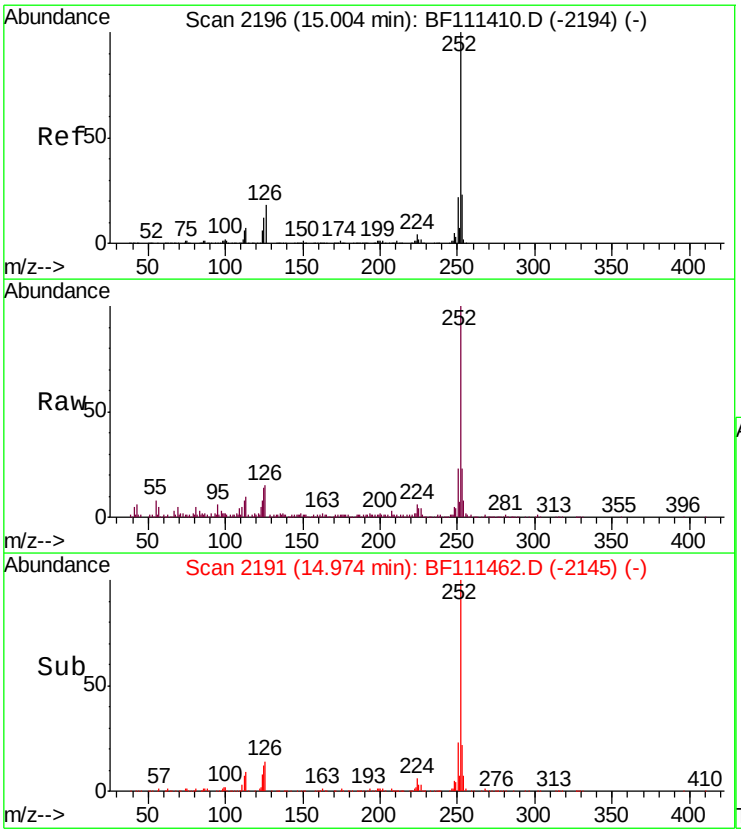
#88
Benzo(b)fluoranthene
Concen: 16.422 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:252 Resp: 320274

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.5	10.4	15.6

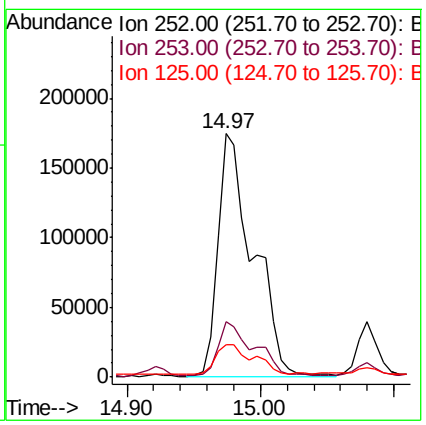


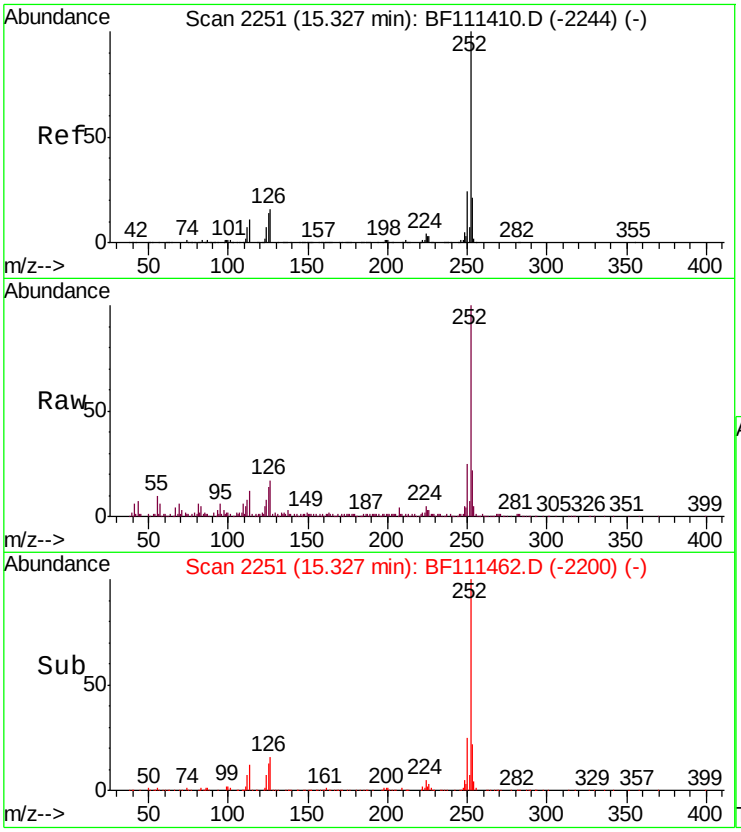


#89
Benzo(k)fluoranthene
Concen: 17.186 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:252 Resp: 320274

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.5	9.8	14.8



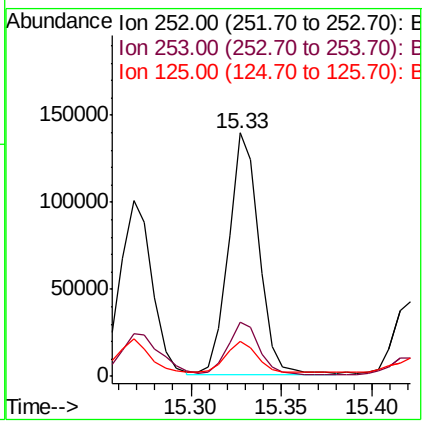


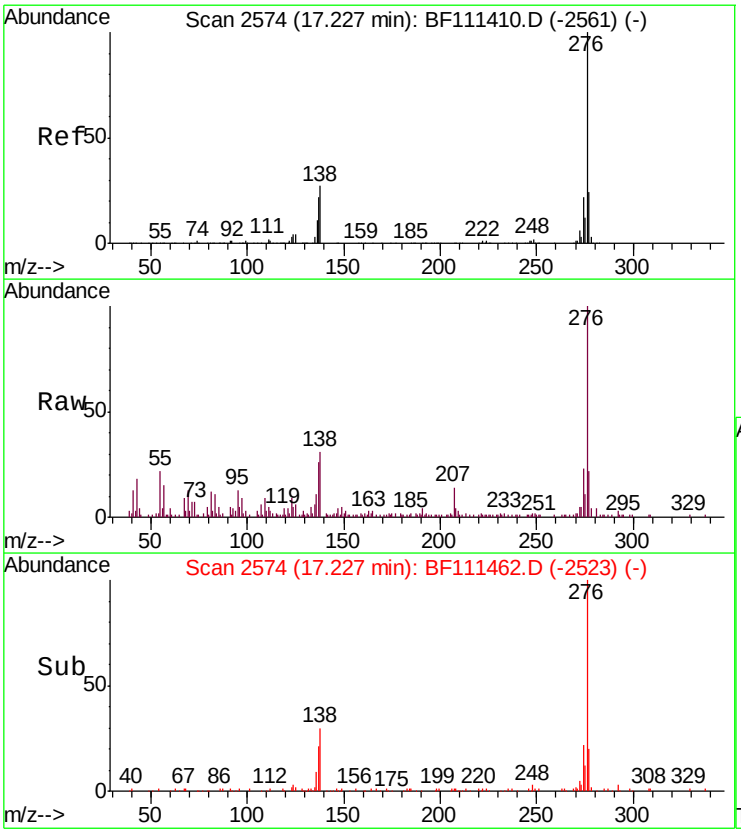
#90
Benzo(a)pyrene
Concen: 9.307 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:252 Resp: 163684

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	14.4	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 5.933 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF111462.D
Acq: 15 Dec 2018 12:18

Tgt Ion:276 Resp: 80798

Ion	Ratio	Lower	Upper
276	100		
277	21.6	19.2	28.8
138	31.3	24.9	37.3