Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111427.D
Acq On : 14 Dec 2018 19:07
Operator : JU/SJ
Sample : J6376-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-2

Quant Time: Dec 14 22:12:01 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	161392	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	636467	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	288577	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	411529	20.00	ng		0.00
76) Chrysene-d12	13.95	240	313674	20.00	ng		0.00
87) Perylene-d12	15.39	264	251317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1097285	113.14	ng		0.00
7) Phenol-d6	6.44	99	1416881	109.83	ng		0.00
23) Nitrobenzene-d5	7.35	82	855519	80.04	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	245651	95.03	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1482071	79.33	ng		0.00
79) Terphenyl-d14	12.90	244	943774	70.65	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	93467	6.504	ng		88
19) n-Nitroso-di-n-propylamine	7.35	70	114016	13.396	ng	#	81
25) Isophorone	7.35	82	855512	47.306	ng	#	64
50) Dimethylphthalate	9.55	163	138072	6.644	ng		99
57) 2,4-Dinitrotoluene	9.83	165	37452	6.100	ng	#	25
67) 4-Bromophenyl-phenylether	10.62	248	15869	3.578	ng	#	1
75) Fluoranthene	12.52	202	194477	9.375	ng		96
78) Pyrene	12.75	202	339372	15.346	ng		95
81) Benzo(a)anthracene	13.97	228	157174	9.215	ng		99
83) Chrysene	13.97	228	157174	8.748	ng		97
86) Indeno(1,2,3-cd)pyrene	16.80	276	34050	2.626	ng	#	88
88) Benzo(b)fluoranthene	14.97	252	146857	10.023	ng	#	95
89) Benzo(k)fluoranthene	14.97	252	146857	10.490	ng	#	95
90) Benzo(a)pyrene	15.33	252	92164	6.975	ng		99
92) Benzo(g,h,i)perylene	17.22	276	38274	3.741	ng		93

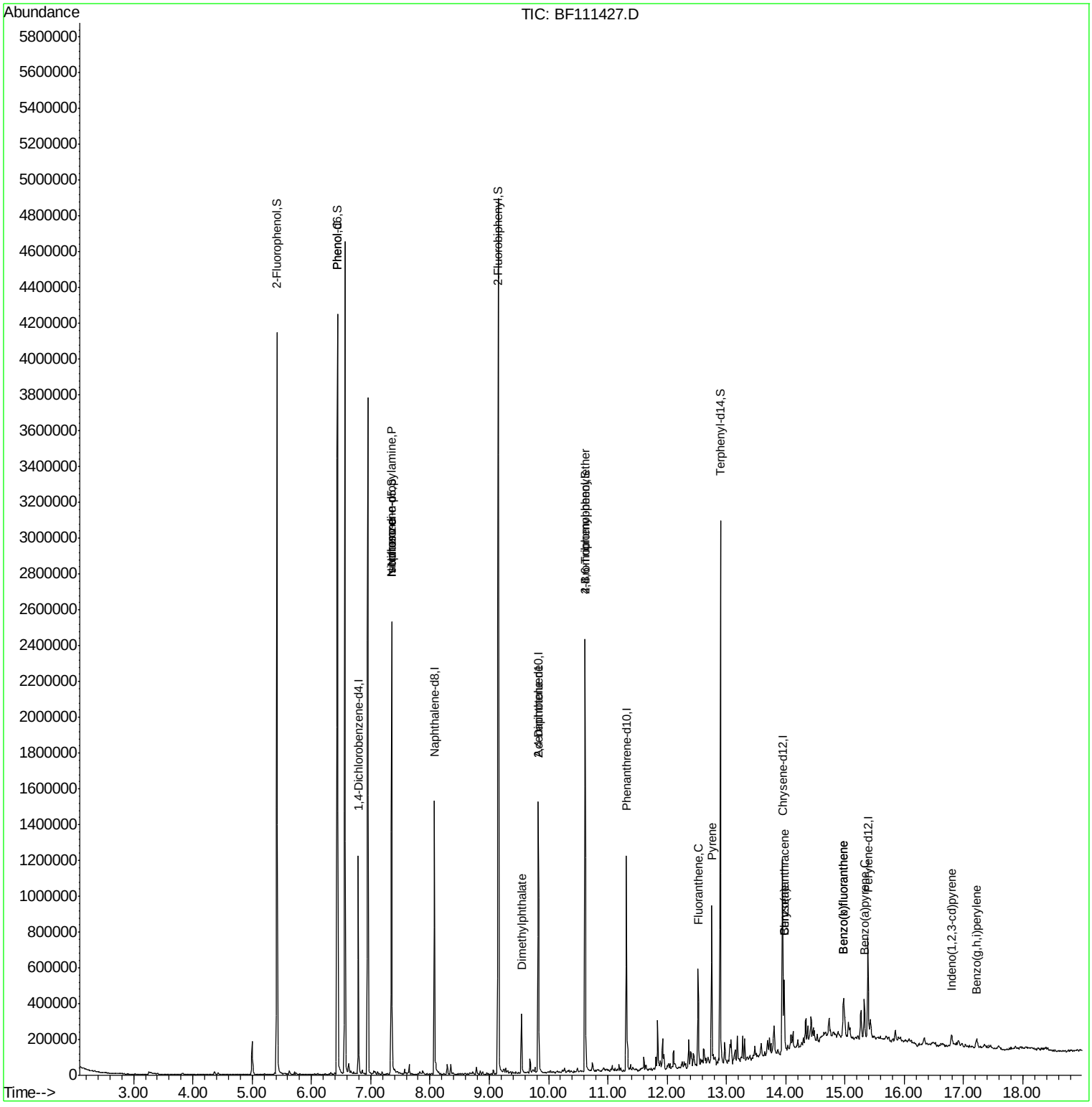
(#) = qualifier out of range (m) = manual integration (+) = signals summed

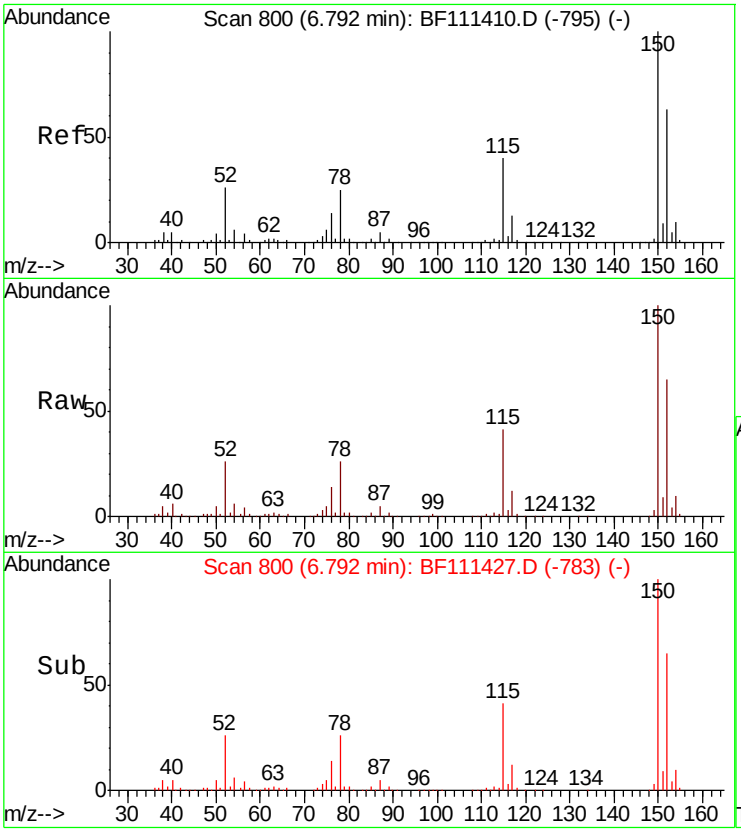
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111427.D
Acq On : 14 Dec 2018 19:07
Operator : JU/SJ
Sample : J6376-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Quant Time: Dec 14 22:12:01 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



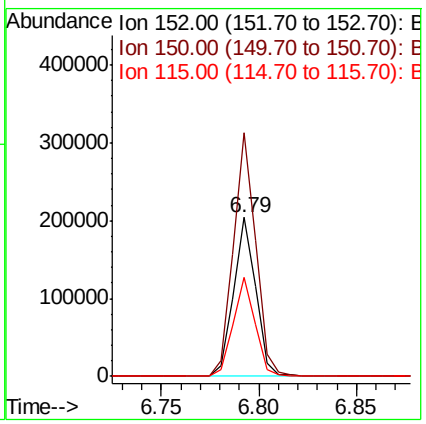


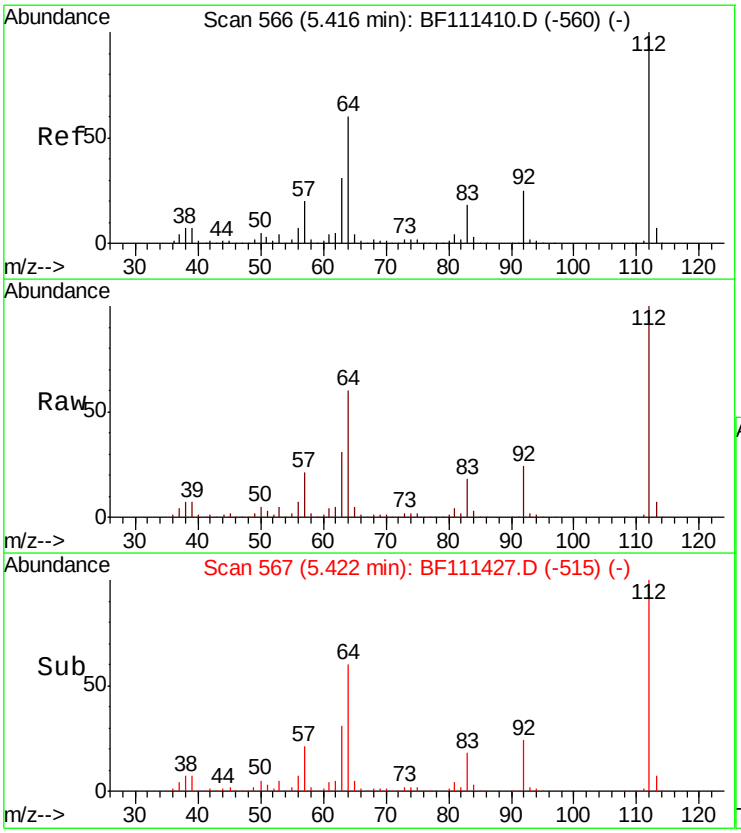
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:152 Resp: 161392

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	62.4	50.7	76.1

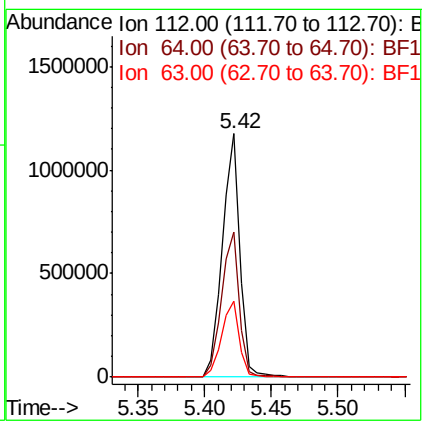


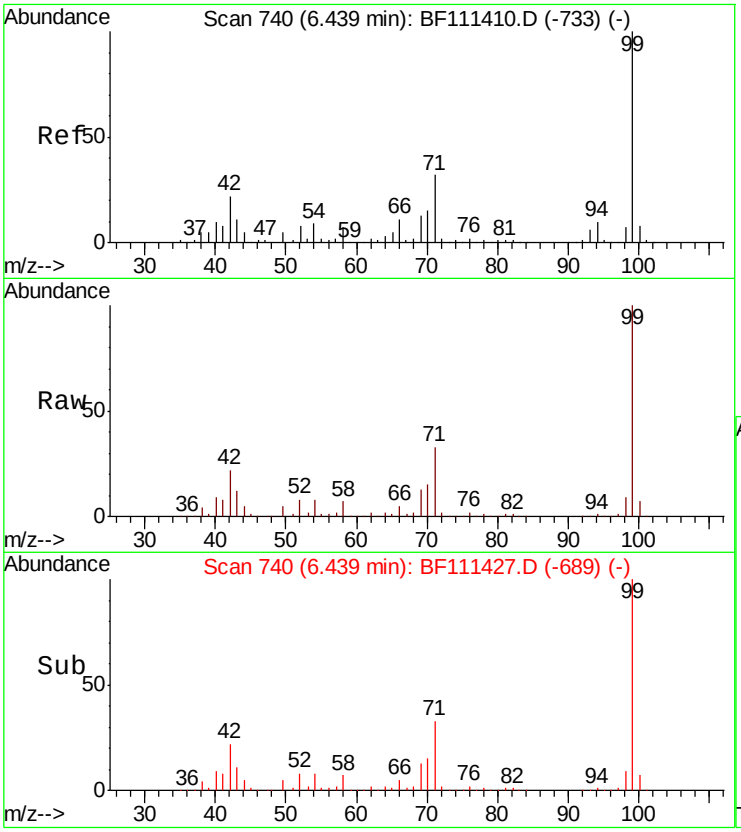


#5
2-Fluorophenol
Concen: 113.137 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:112 Resp: 1097285

Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.8	77.6
63	31.4	26.8	40.2



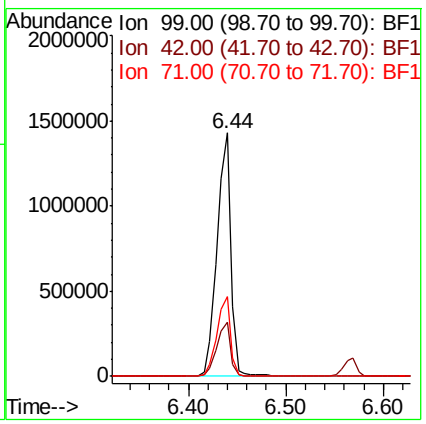


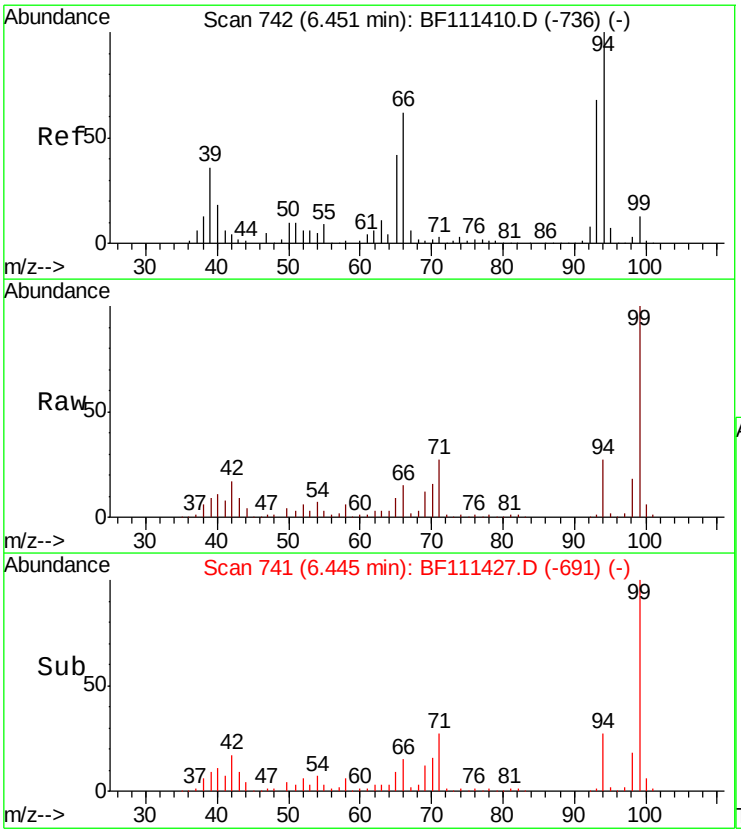
#7
Phenol-d6
Concen: 109.828 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion: 99 Resp: 1416881

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	33.0	26.1	39.1

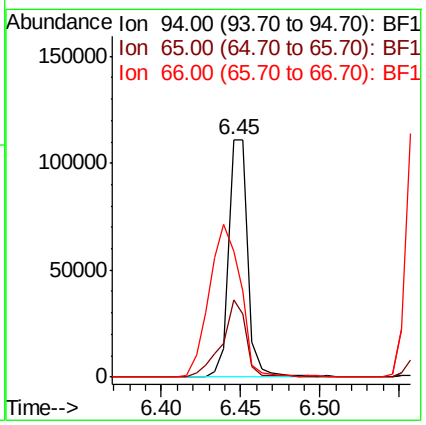


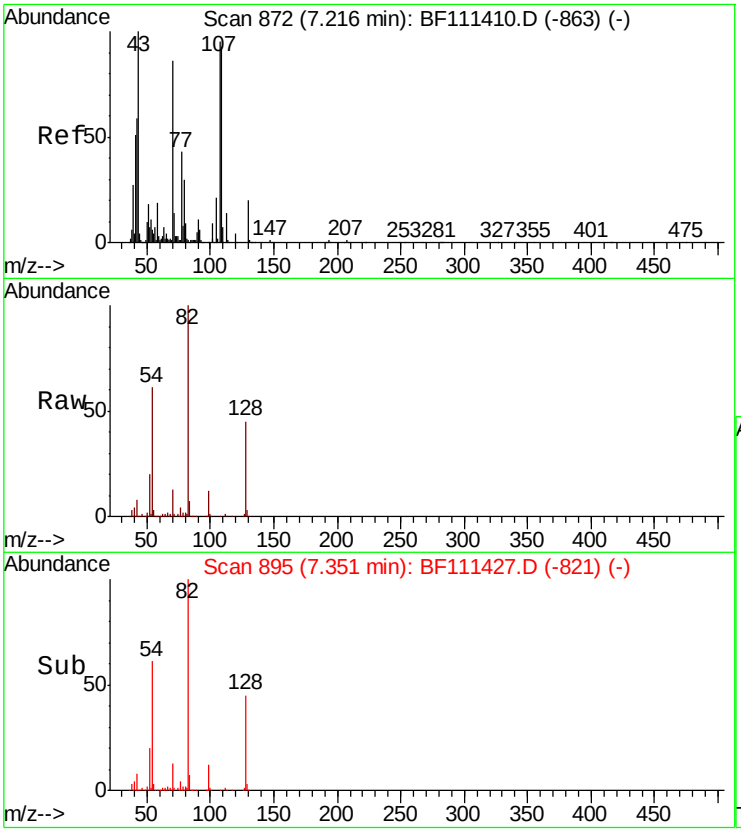


#10
Phenol
Concen: 6.504 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion: 94 Resp: 93467

Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.7	51.7
66	53.1	21.0	61.0



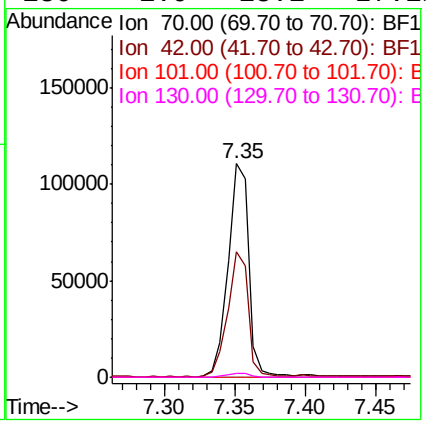


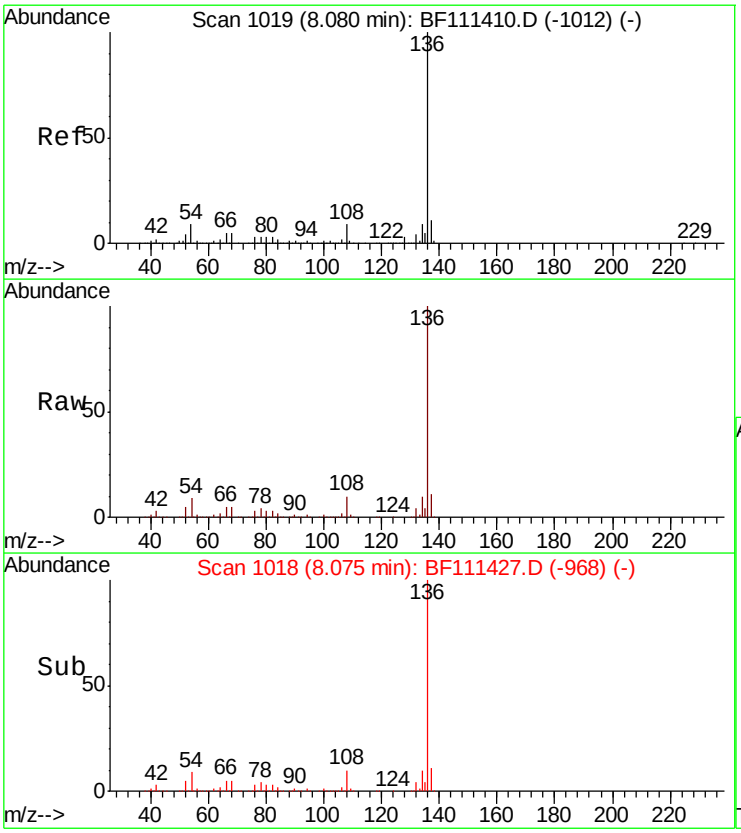
#19
n-Nitroso-di-n-propylamine
Concen: 13.396 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion: 70 Resp: 114016

Ion	Ratio	Lower	Upper
70	100		
42	58.5	53.2	79.8
101	0.0	8.2	12.4#
130	1.9	18.1	27.1#

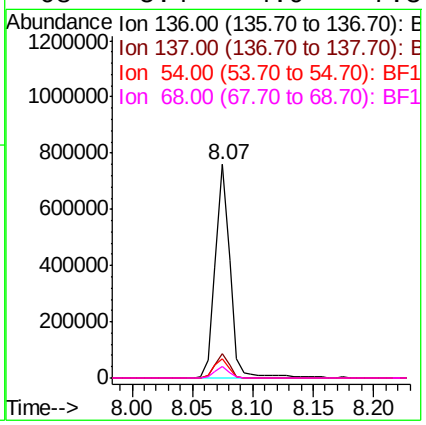


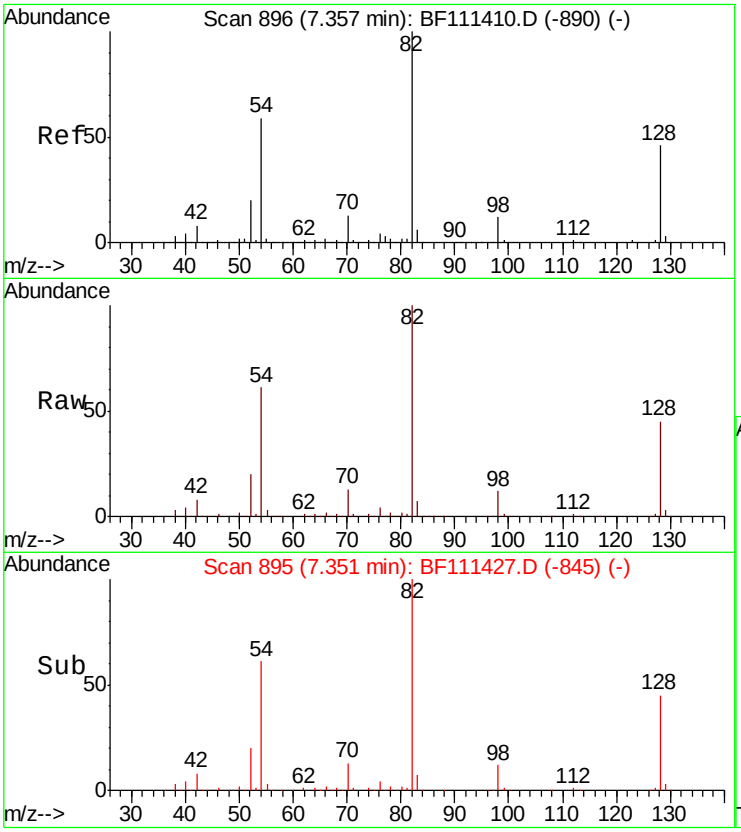


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:136 Resp: 636467

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.3	7.7	11.5
68	5.4	4.9	7.3



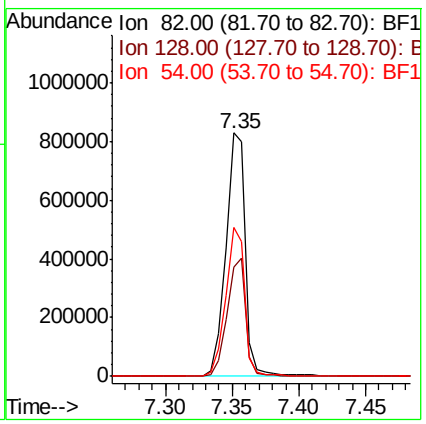


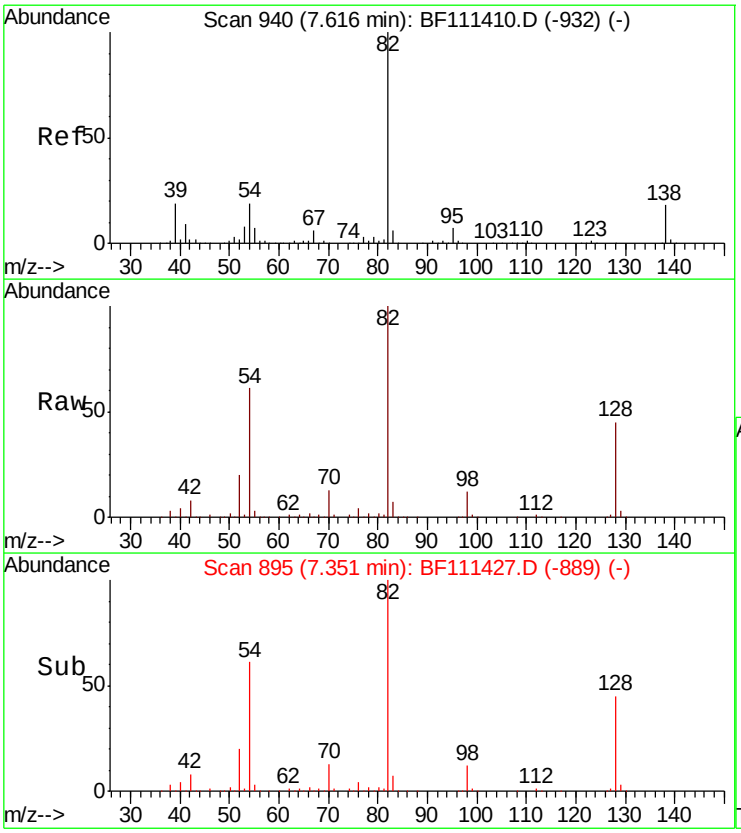
#23
Nitrobenzene-d5
Concen: 80.043 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion: 82 Resp: 855519

Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.4	56.2
54	60.9	47.6	71.4

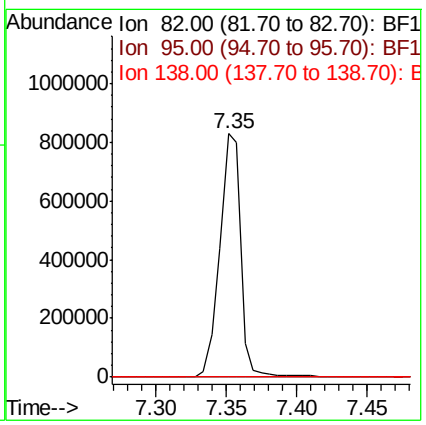


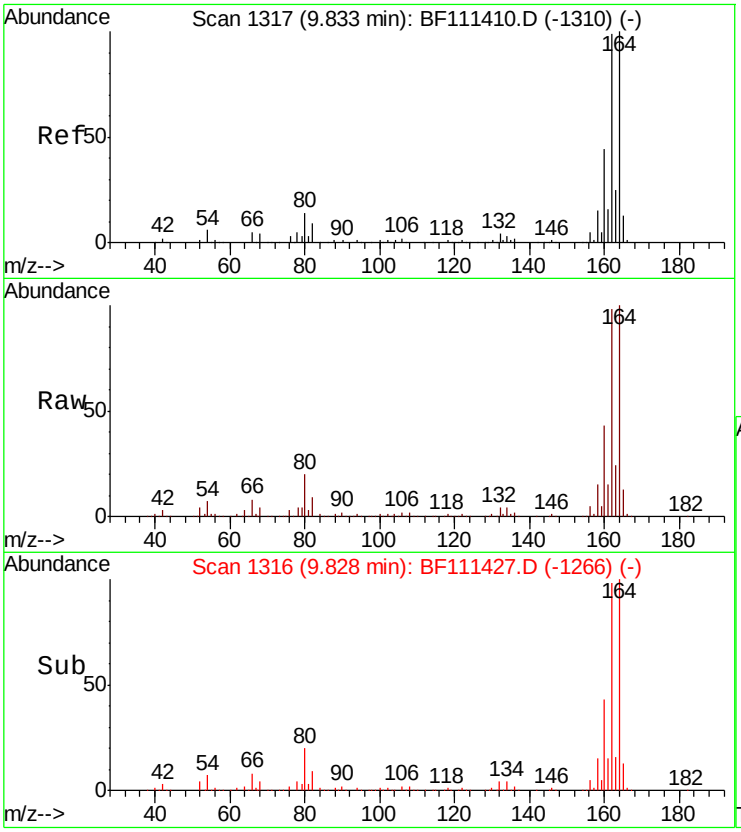


#25
Isophorone
Concen: 47.306 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion: 82 Resp: 855512

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



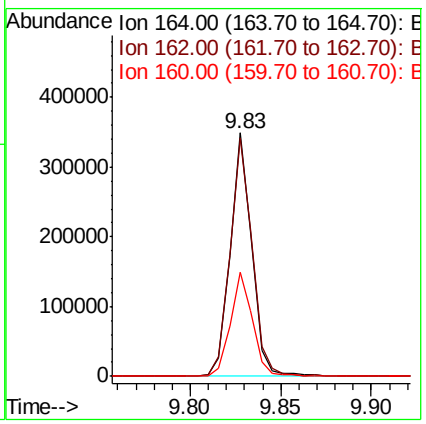


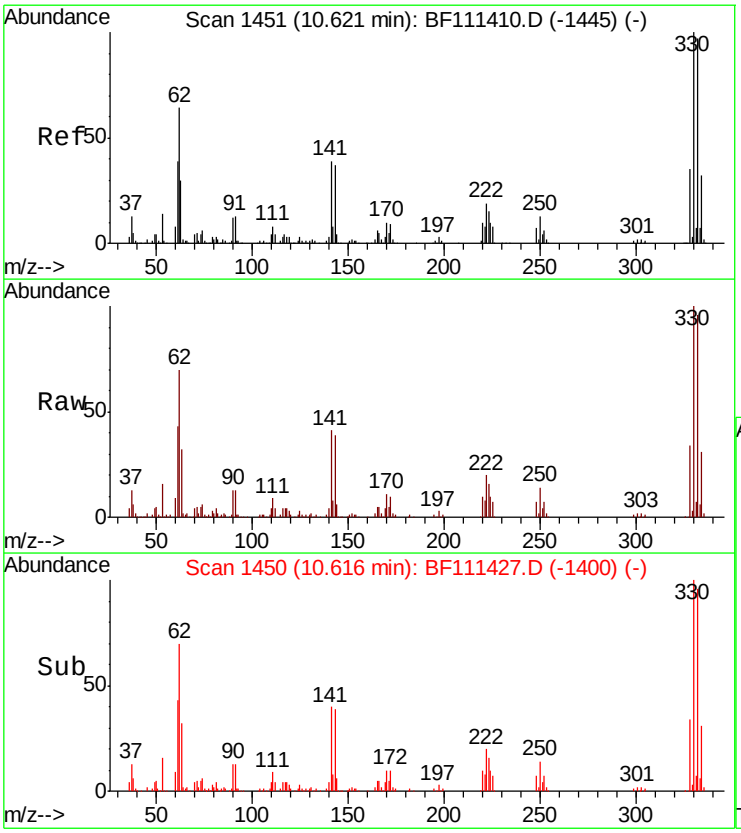
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:164 Resp: 288577

Ion	Ratio	Lower	Upper
164	100		
162	97.9	81.4	122.0
160	42.9	35.7	53.5

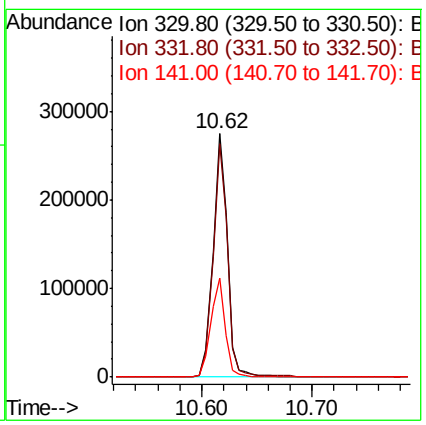


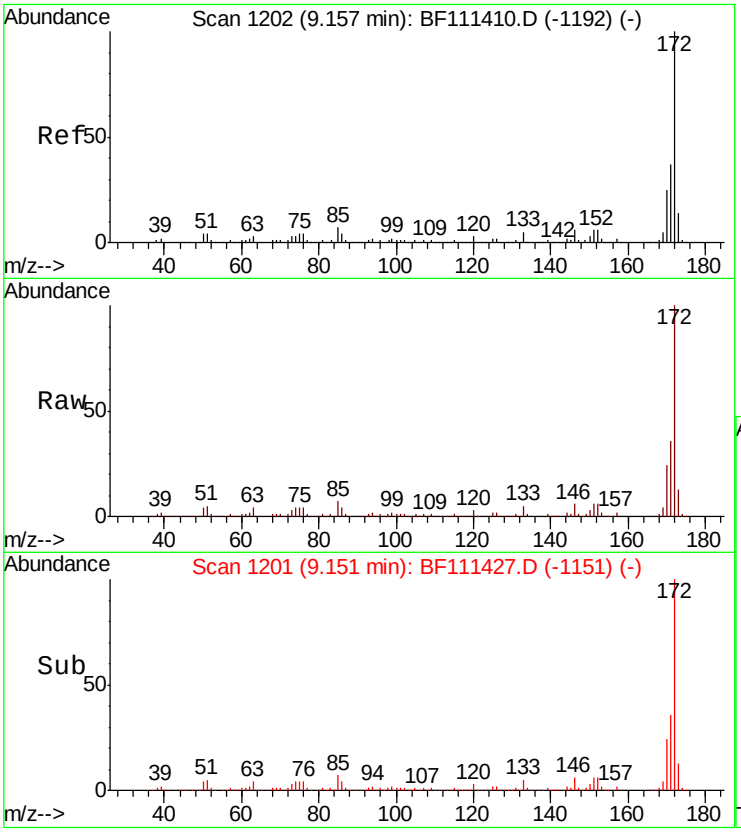


#42
2,4,6-Tribromophenol
Concen: 95.028 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:330 Resp: 245651

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	40.6	31.0	46.6



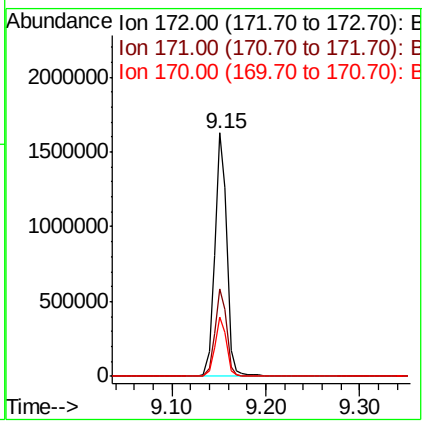


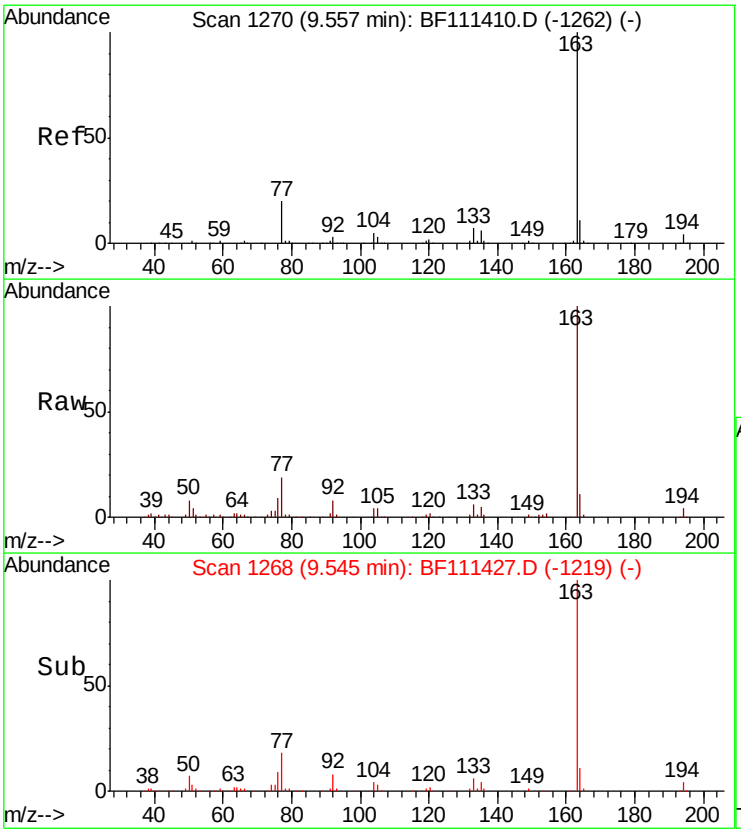
#45
2-Fluorobiphenyl
Concen: 79.329 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:172 Resp: 1482071

Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.4	22.3	33.5

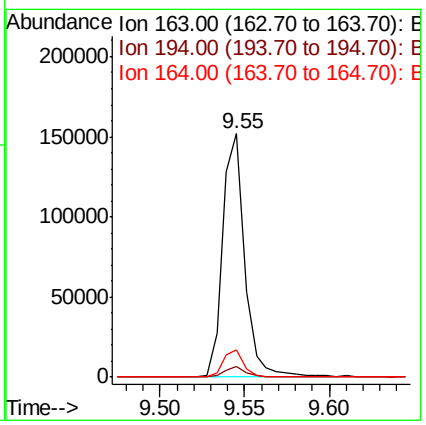


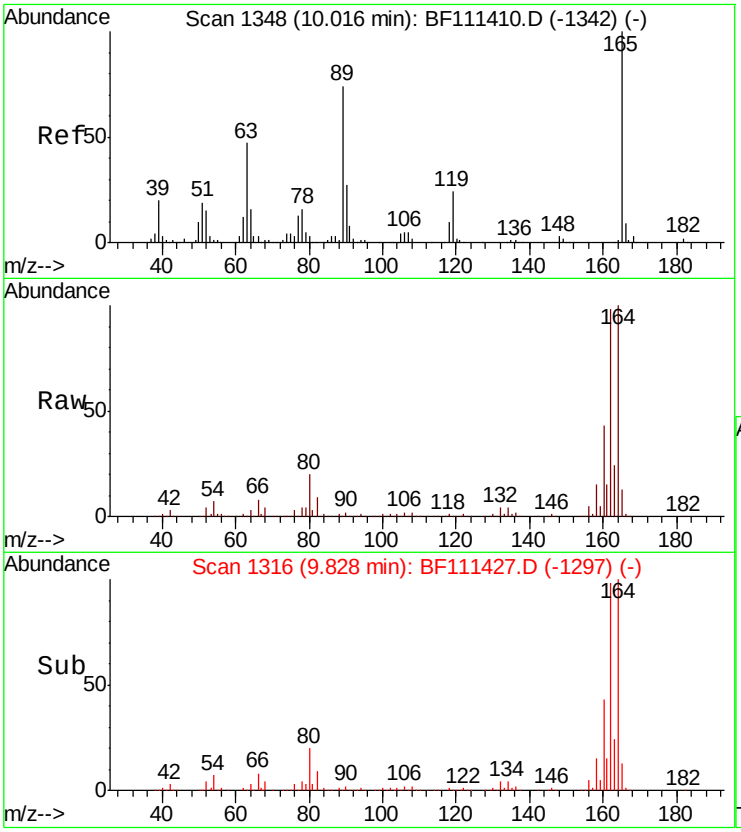


#50
Dimethylphthalate
Concen: 6.644 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:163 Resp: 138072

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	11.0	8.9	13.3



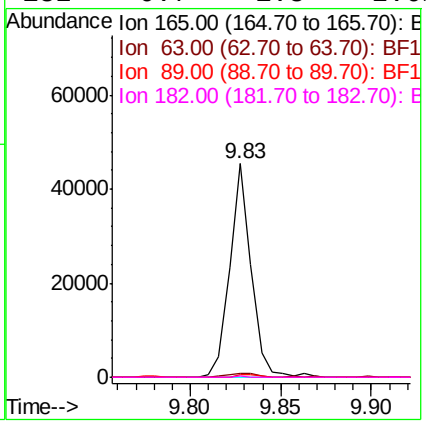


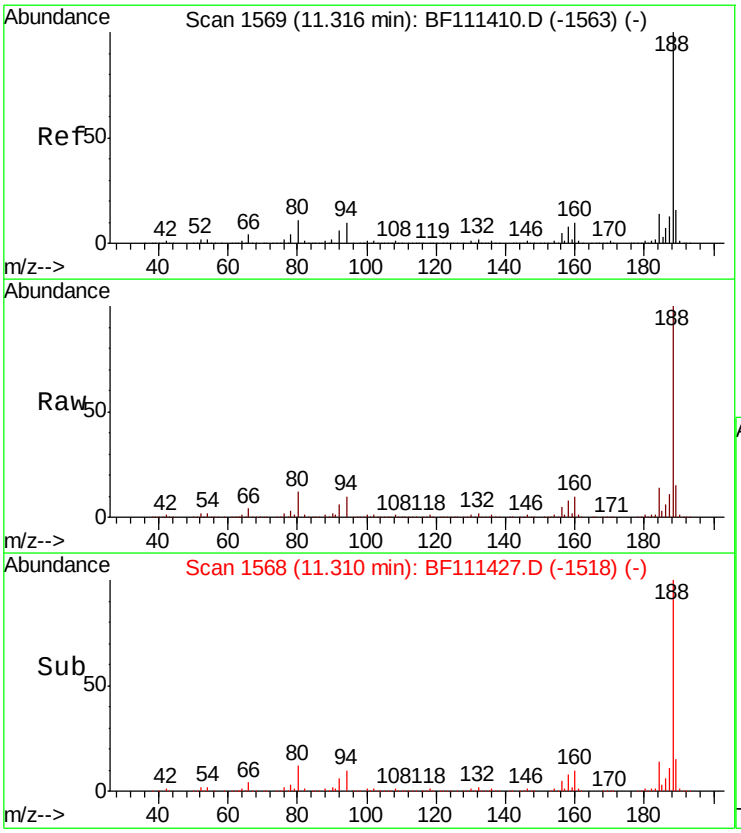
#57
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:165 Resp: 37452

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.4	56.2	84.4#
182	0.7	1.8	2.6#

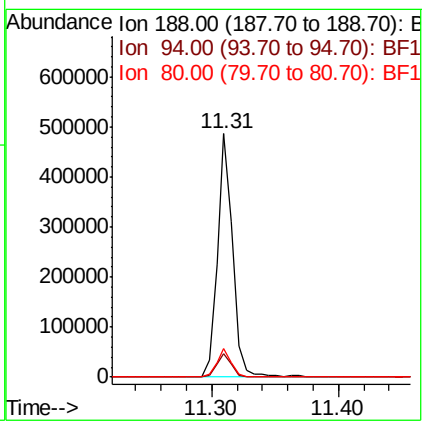


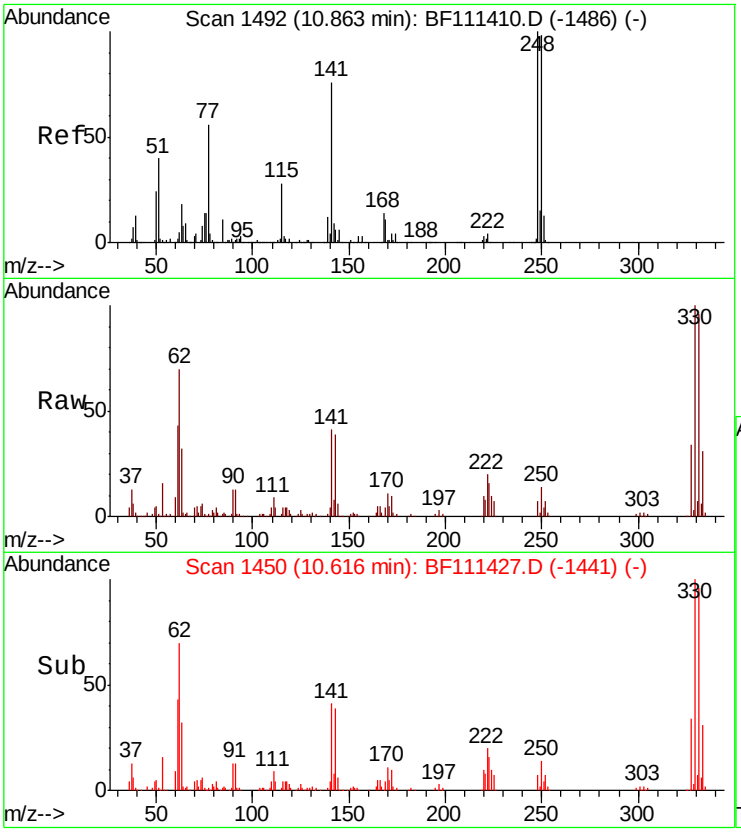


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:188 Resp: 411529

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.6	14.4
80	11.9	9.8	14.6



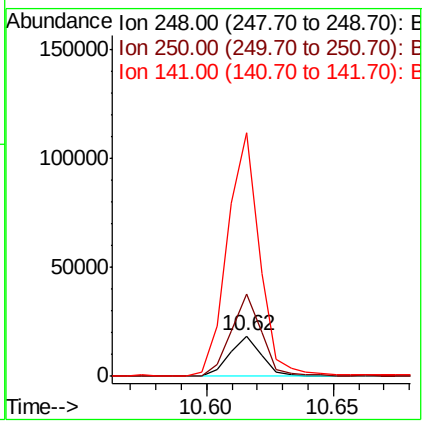


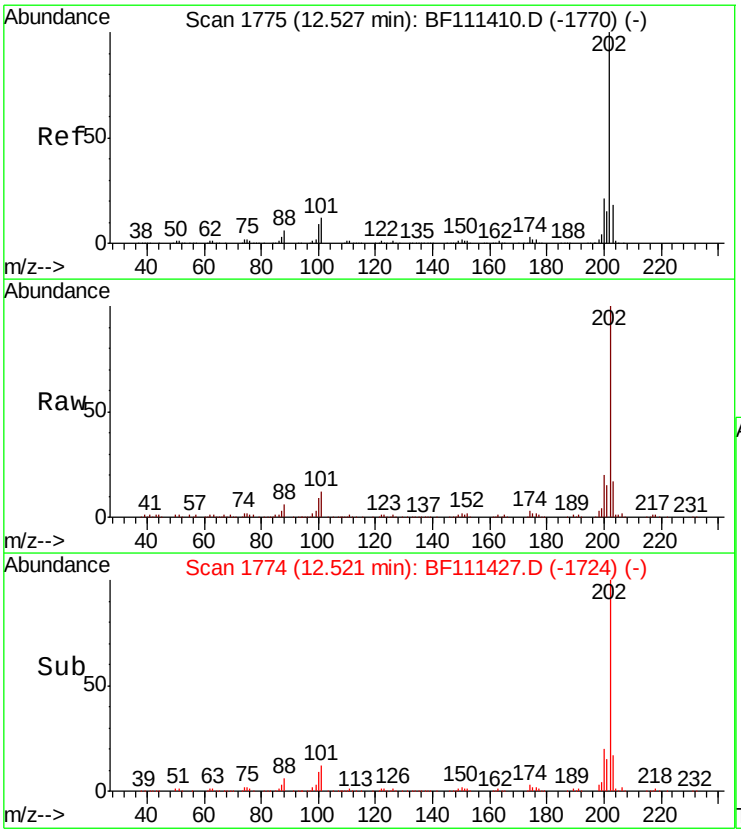
#67
4-Bromophenyl-phenylether
Concen: 3.578 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:248 Resp: 15869

Ion	Ratio	Lower	Upper
248	100		
250	204.1	77.0	115.4#
141	599.4	63.0	94.6#

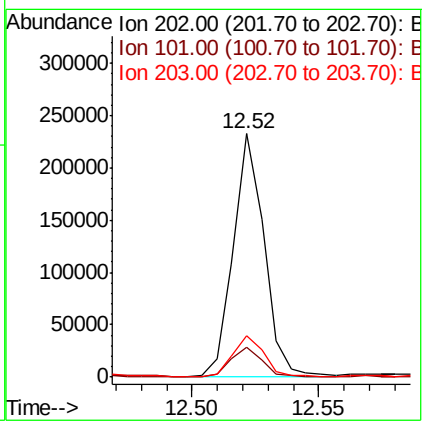


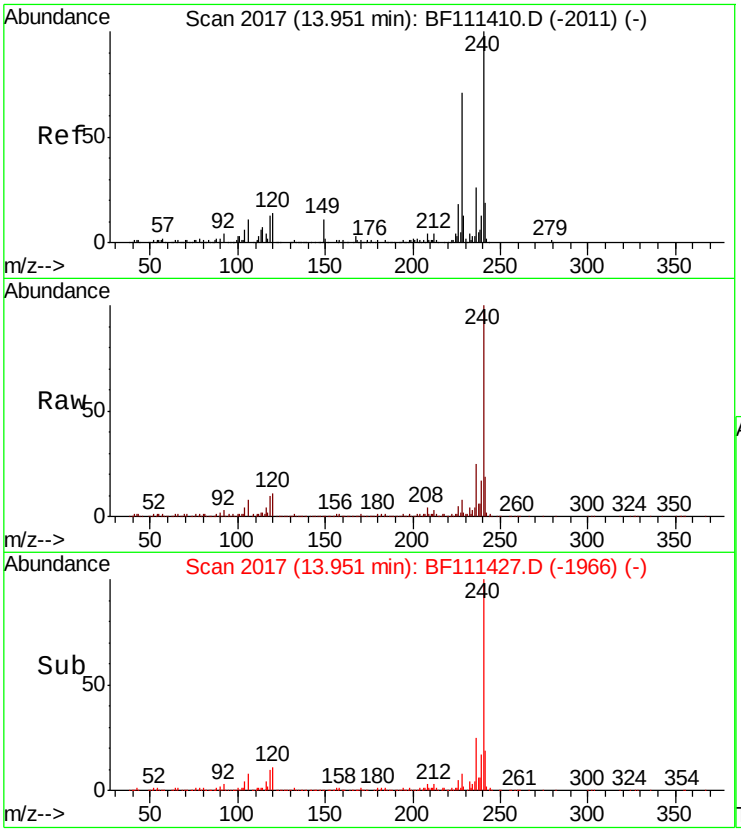


#75
Fluoranthene
Concen: 9.375 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:202 Resp: 194477

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.8
203	16.8	0.0	38.6



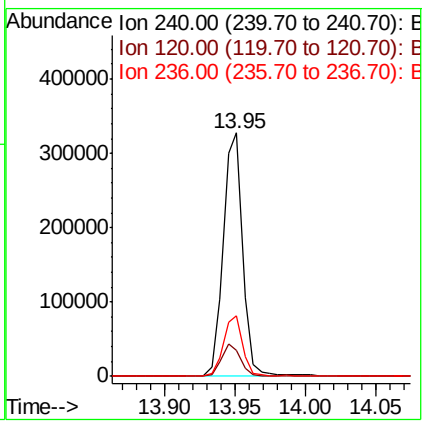


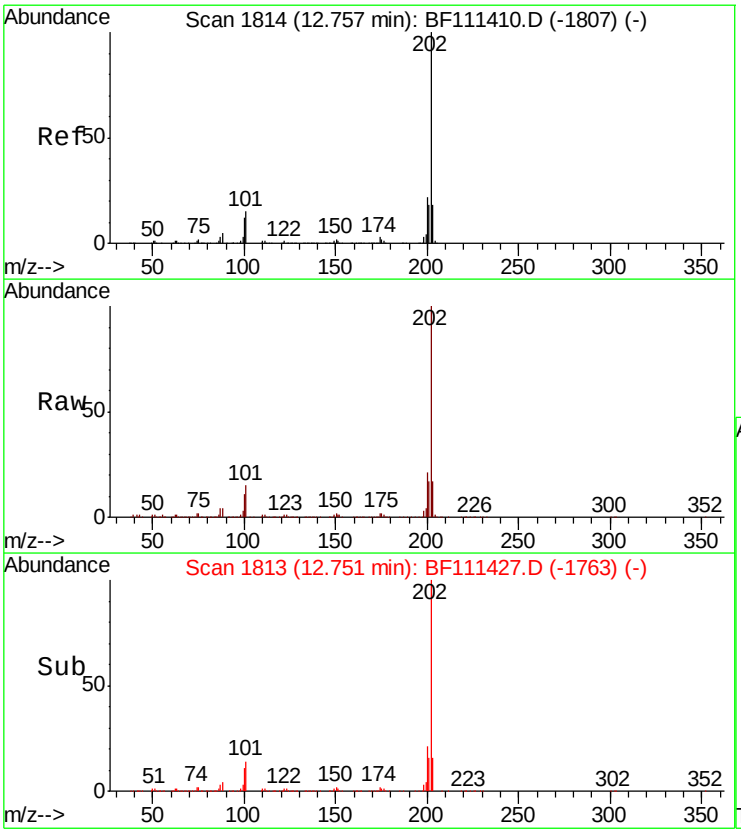
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:240 Resp: 313674

Ion	Ratio	Lower	Upper
240	100		
120	10.8	12.2	18.2#
236	25.0	20.2	30.2

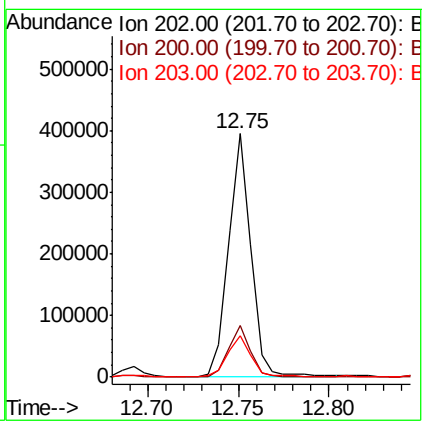


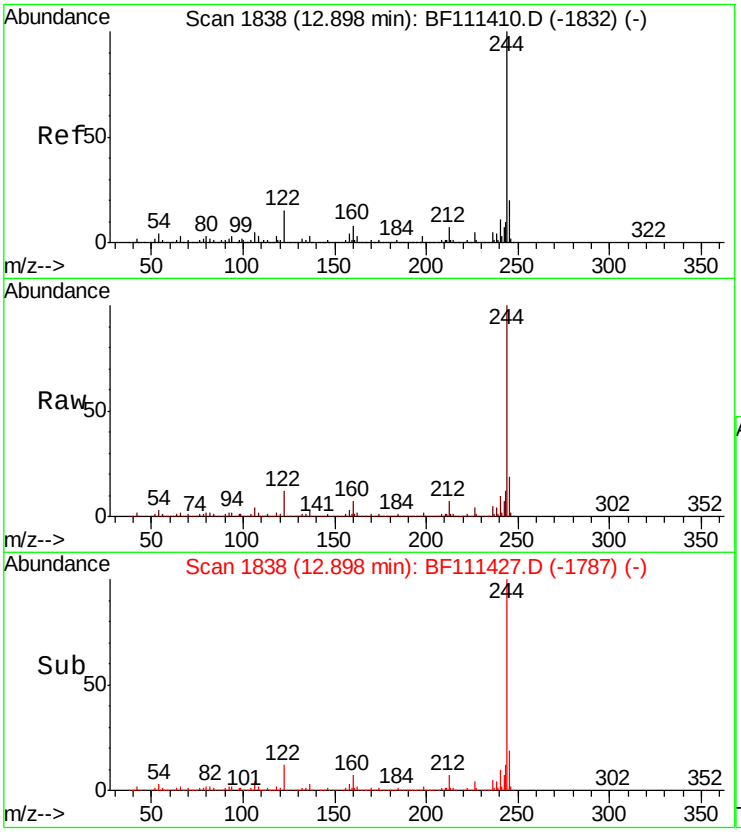


#78
Pyrene
Concen: 15.346 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:202 Resp: 339372

Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.0	28.4
203	16.9	15.2	22.8



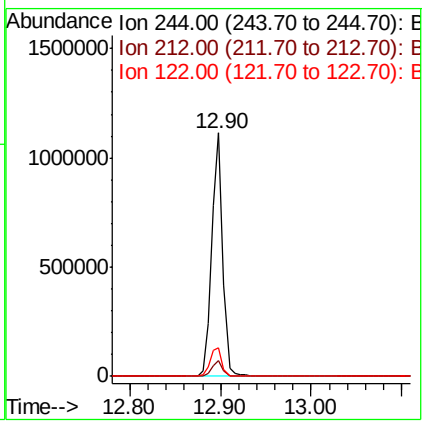


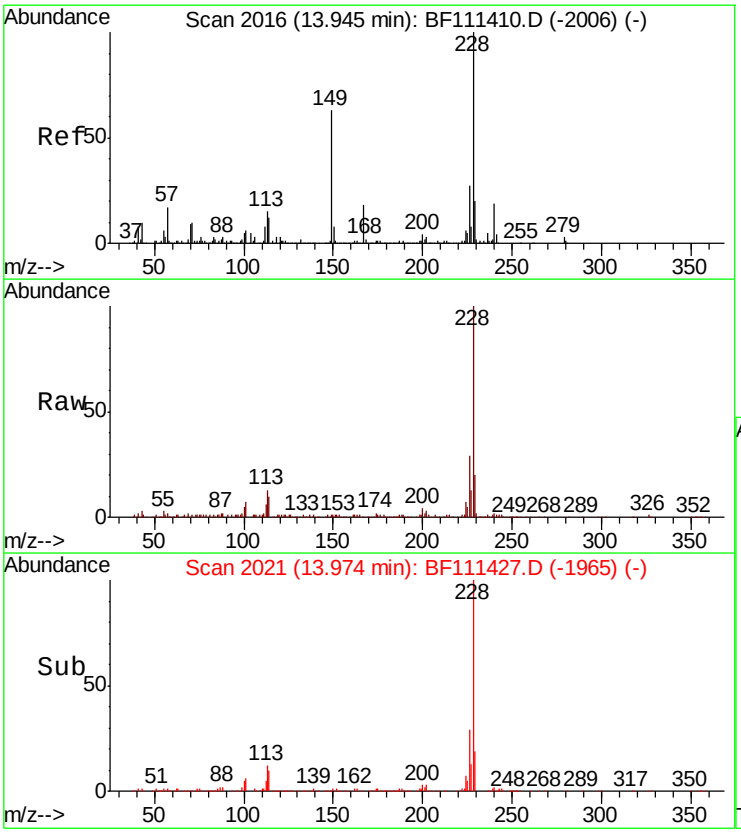
#79
Terphenyl-d14
Concen: 70.653 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:244 Resp: 943774

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.8	13.1	19.7#

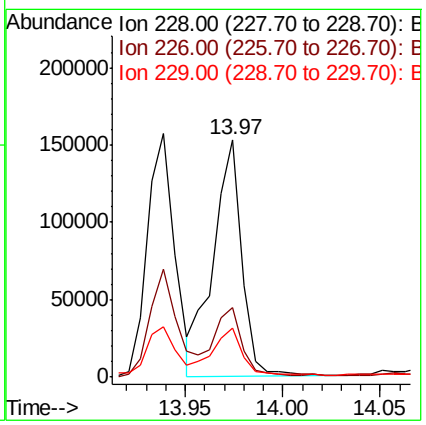


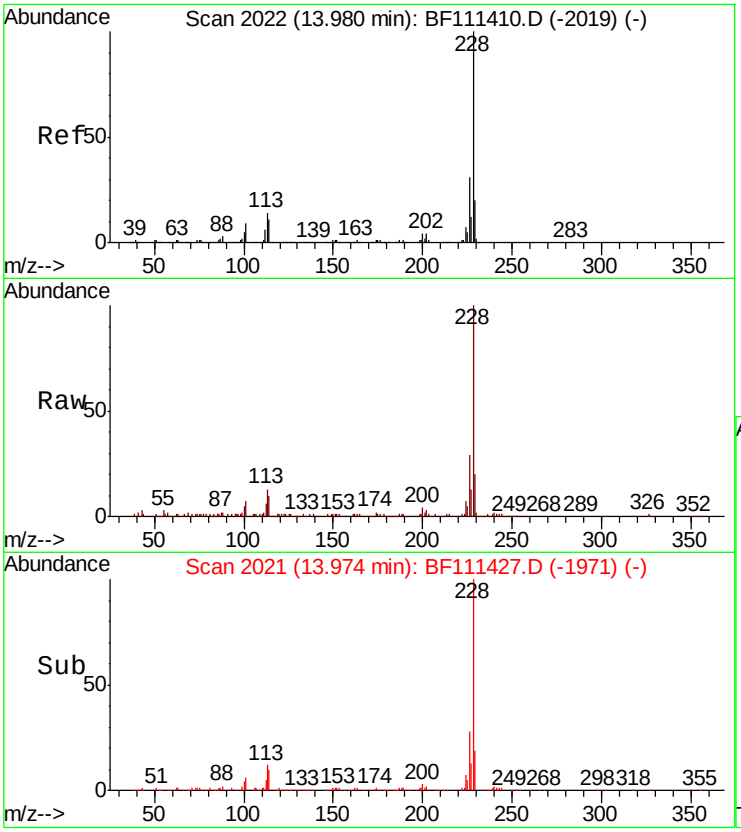


#81
Benzo(a)anthracene
Concen: 9.215 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:228 Resp: 157174

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	34.0
229	20.5	16.3	24.5



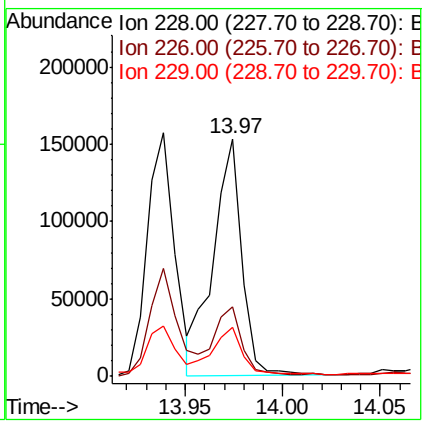


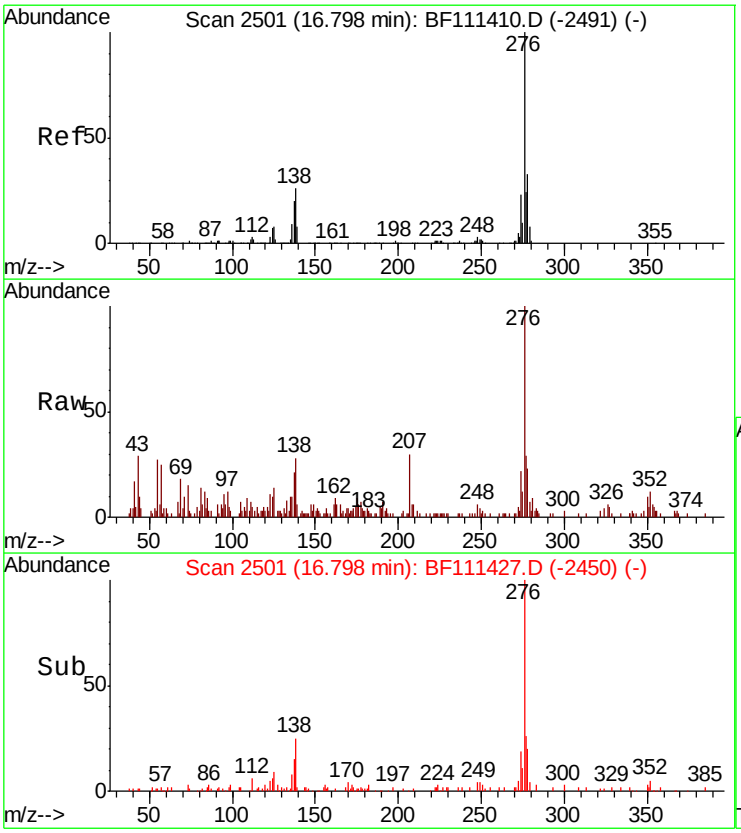
#83
Chrysene
Concen: 8.748 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:228 Resp: 157174

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.3	37.9
229	20.5	17.2	25.8

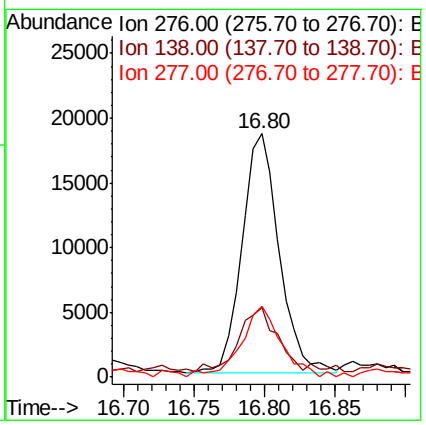


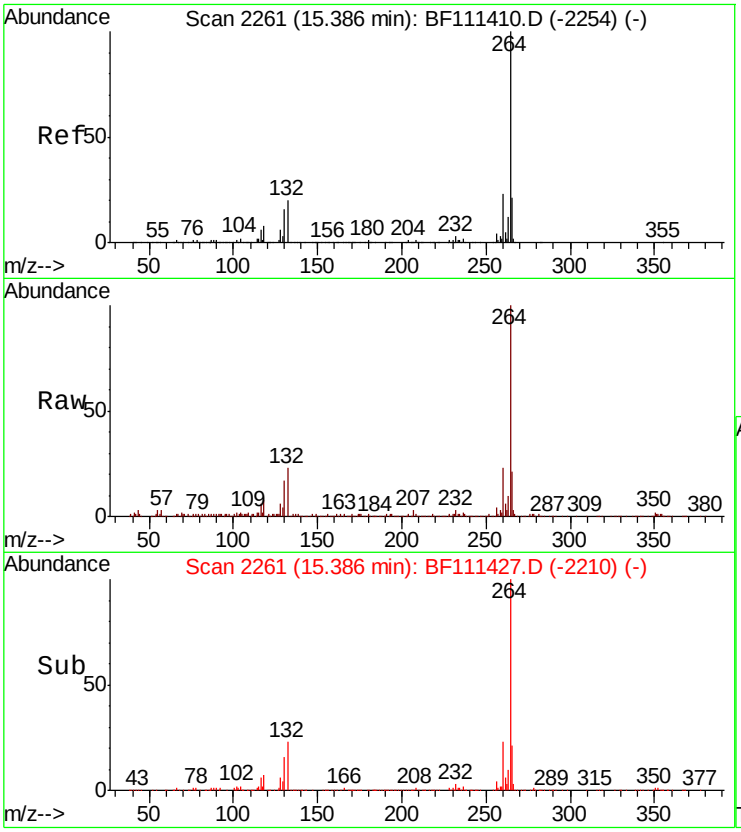


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.626 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:276 Resp: 34050

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	32.2	20.1	30.1#



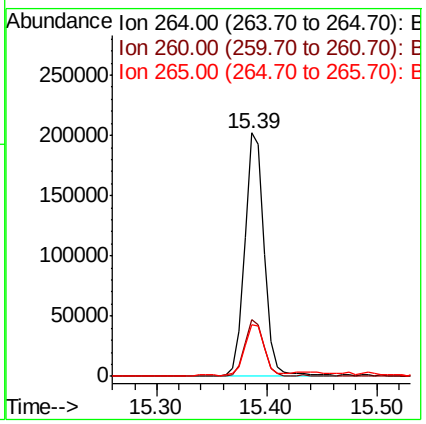


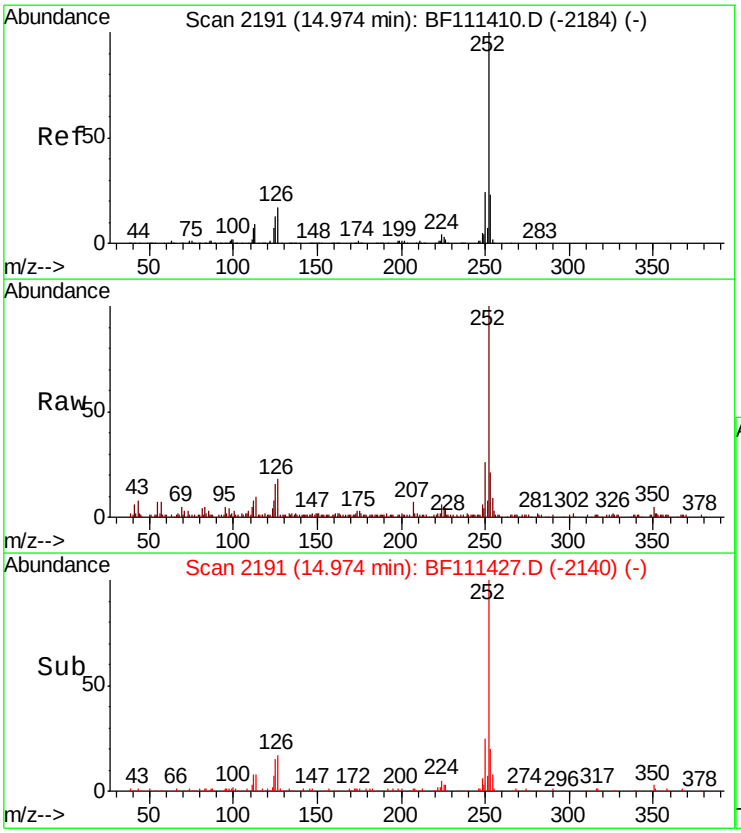
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:264 Resp: 251317

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.0	17.7	26.5

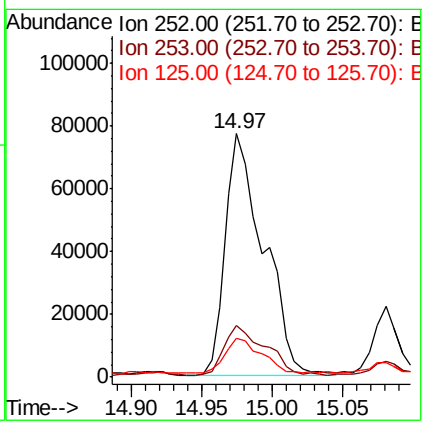


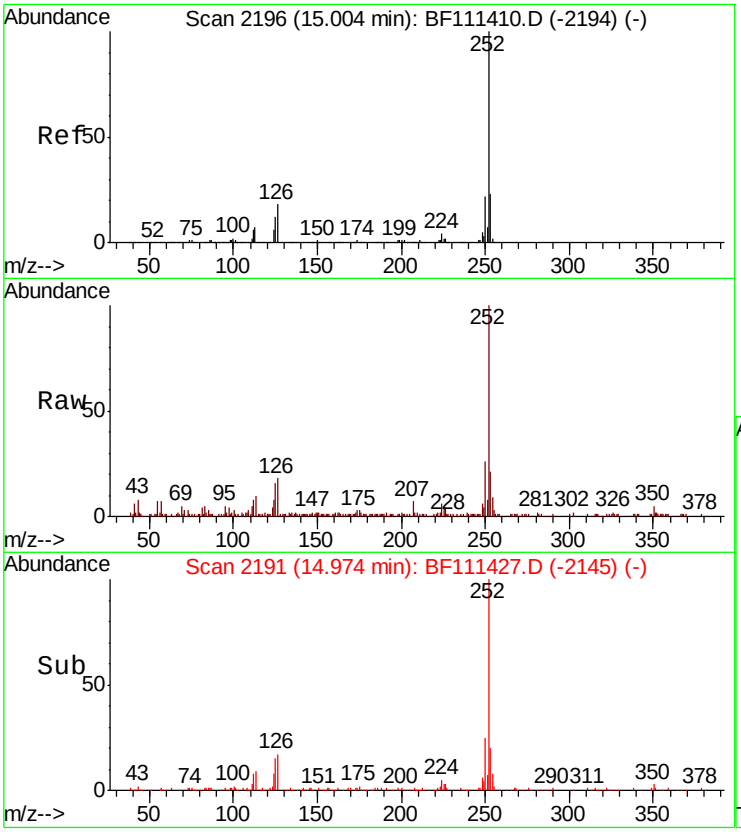


#88
Benzo(b)fluoranthene
Concen: 10.023 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:252 Resp: 146857

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	16.2	10.4	15.6#



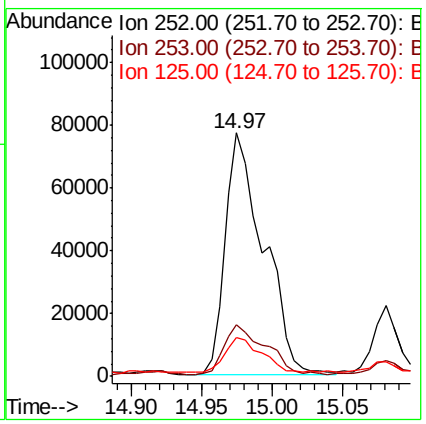


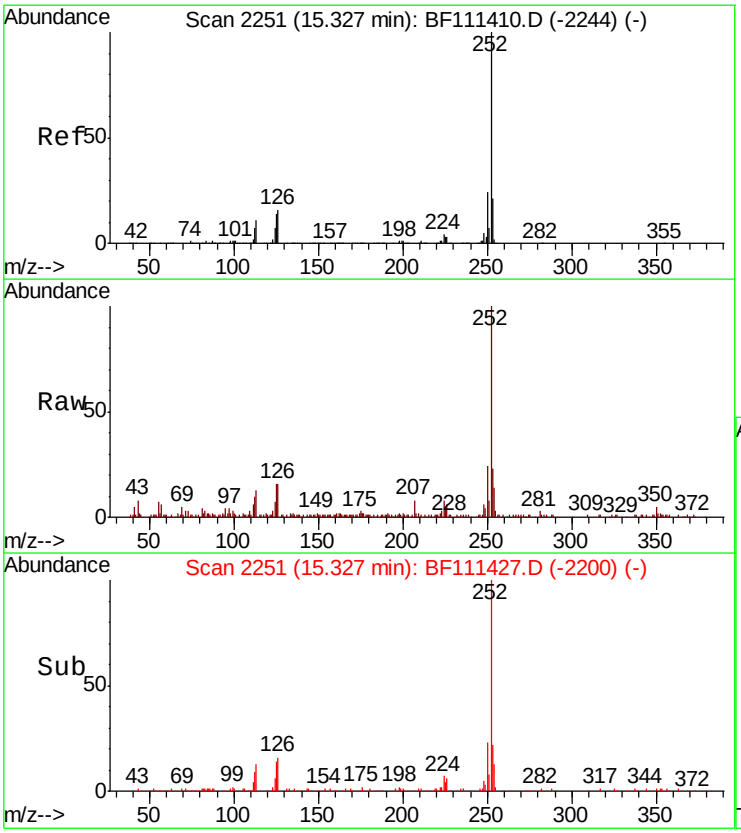
#89
Benzo(k)fluoranthene
Concen: 10.490 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:252 Resp: 146857

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	16.2	9.8	14.8#

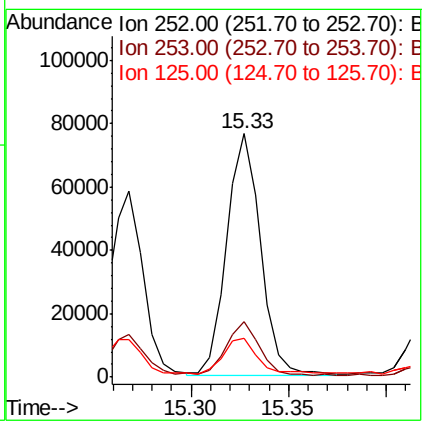


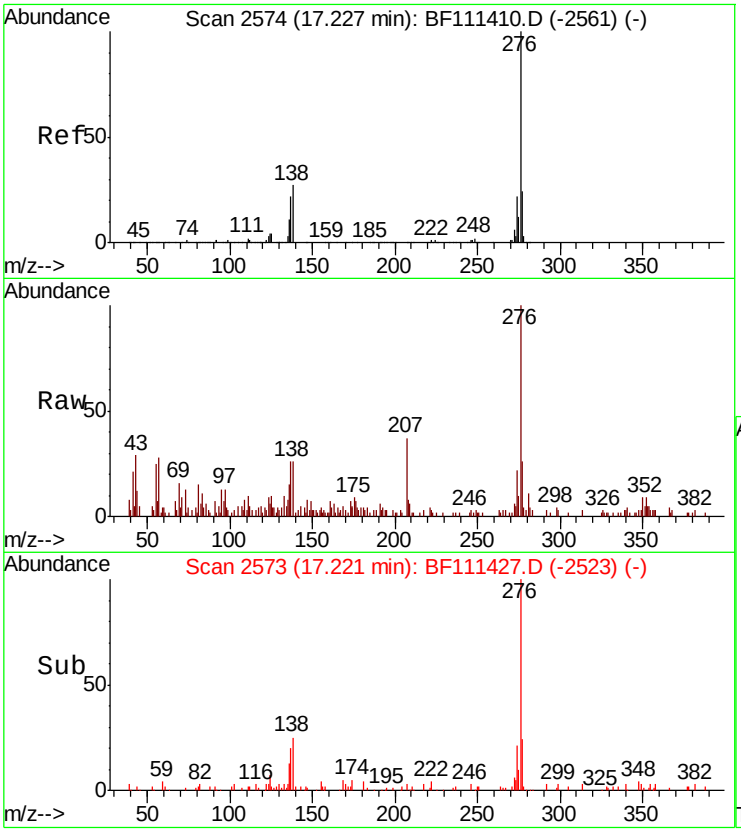


#90
Benzo(a)pyrene
Concen: 6.975 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Tgt Ion:252 Resp: 92164

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	15.9	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 3.741 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF111427.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-2

Tgt Ion:276 Resp: 38274

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.2	28.8
138	26.4	24.9	37.3