Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111562.D
Acq On : 18 Dec 2018 1:58
Operator : JU/SJ
Sample : J6403-45
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-B

Quant Time: Dec 18 04:15:17 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	137451	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	499377	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	226291	20.00	ng		-0.01
64) Phenanthrene-d10	11.31	188	337508	20.00	ng		0.00
76) Chrysene-d12	13.94	240	247714	20.00	ng		0.00
87) Perylene-d12	15.39	264	212123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	922661	111.70	ng		0.01
7) Phenol-d6	6.44	99	1185923	107.94	ng		0.00
23) Nitrobenzene-d5	7.35	82	674927	80.48	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	198080	97.72	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1046791	71.45	ng		-0.01
79) Terphenyl-d14	12.89	244	684015	64.84	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	69850	5.707	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	91677	12.647	ng	#	79
25) Isophorone	7.35	82	674919	47.565	ng	#	64
50) Dimethylphthalate	9.54	163	123414	7.573	ng	#	95
57) 2,4-Dinitrotoluene	9.82	165	28494	5.918	ng	#	25
67) 4-Bromophenyl-phenylether	10.62	248	12565	3.454	ng	#	1
71) Phenanthrene	11.33	178	78072	4.489	ng	#	91
75) Fluoranthene	12.52	202	124008	7.289	ng		95
78) Pyrene	12.74	202	133245	7.629	ng		95
81) Benzo(a)anthracene	13.93	228	65735	4.880	ng		94
83) Chrysene	13.97	228	58843	4.147	ng		95
86) Indeno(1,2,3-cd)pyrene	16.79	276	25638	2.504	ng		94
88) Benzo(b)fluoranthene	14.97	252	96659	7.816	ng		98
89) Benzo(k)fluoranthene	14.97	252	96659	8.180	ng		97
90) Benzo(a)pyrene	15.32	252	53769	4.821	ng		97
92) Benzo(g,h,i)perylene	17.22	276	24948	2.889	ng	#	90

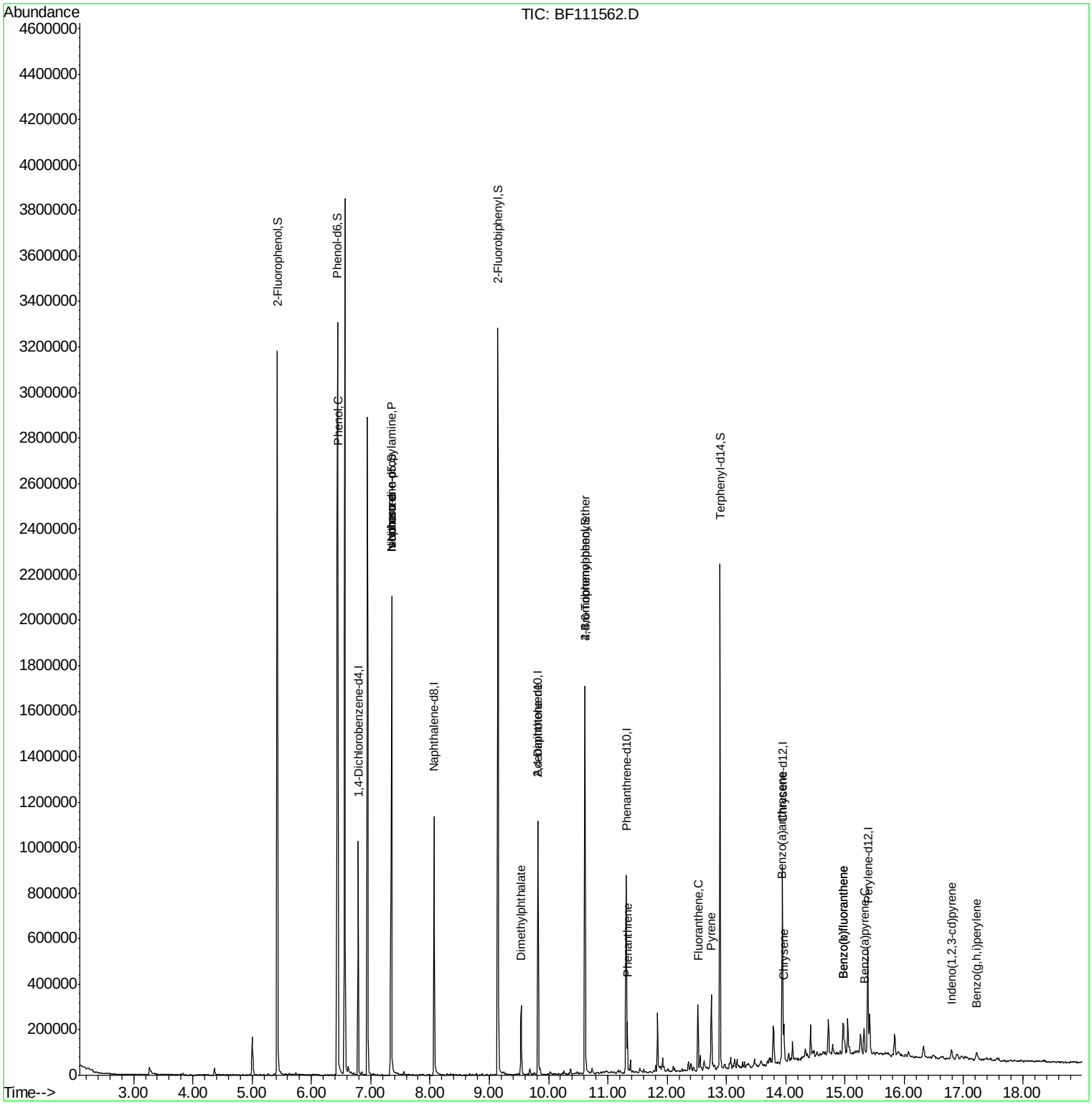
(#) = qualifier out of range (m) = manual integration (+) = signals summed

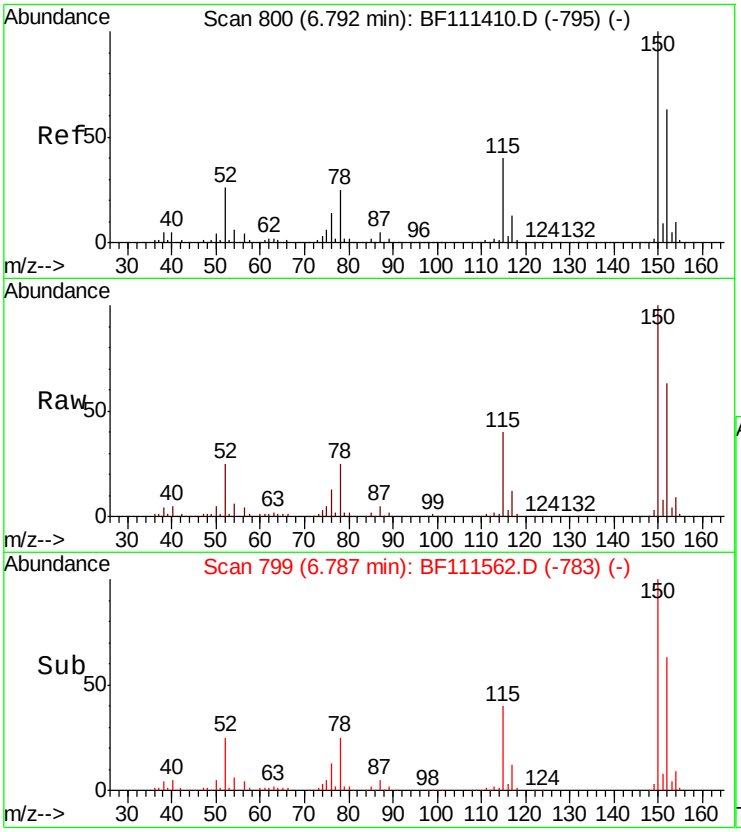
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111562.D
Acq On : 18 Dec 2018 1:58
Operator : JU/SJ
Sample : J6403-45
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Quant Time: Dec 18 04:15:17 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



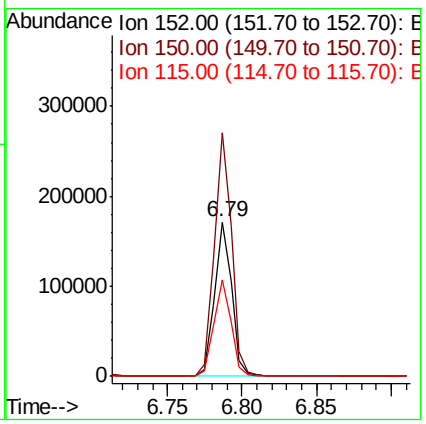


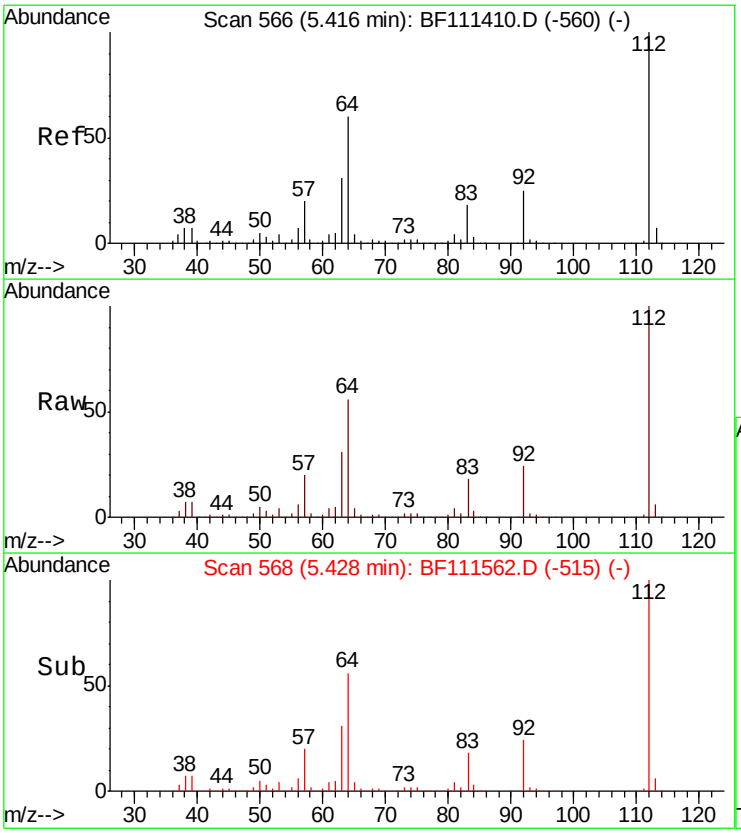
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:152 Resp: 137451

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	62.6	50.7	76.1

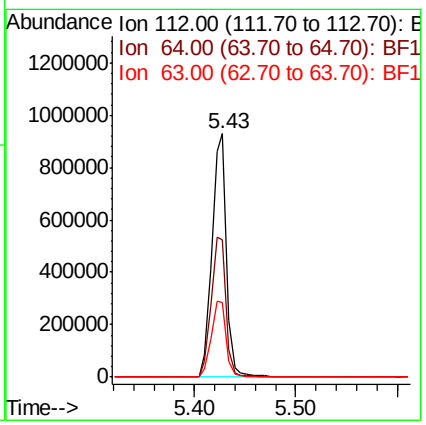


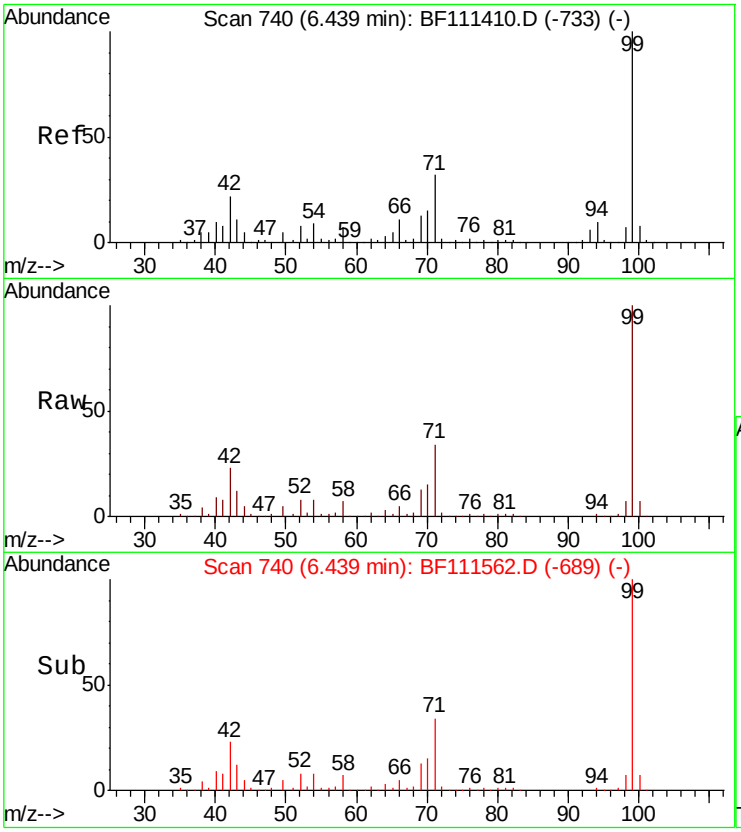


#5
2-Fluorophenol
Concen: 111.703 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:112 Resp: 922661

Ion	Ratio	Lower	Upper
112	100		
64	56.4	51.8	77.6
63	30.9	26.8	40.2



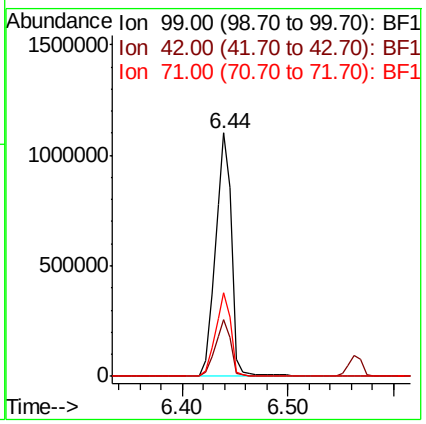


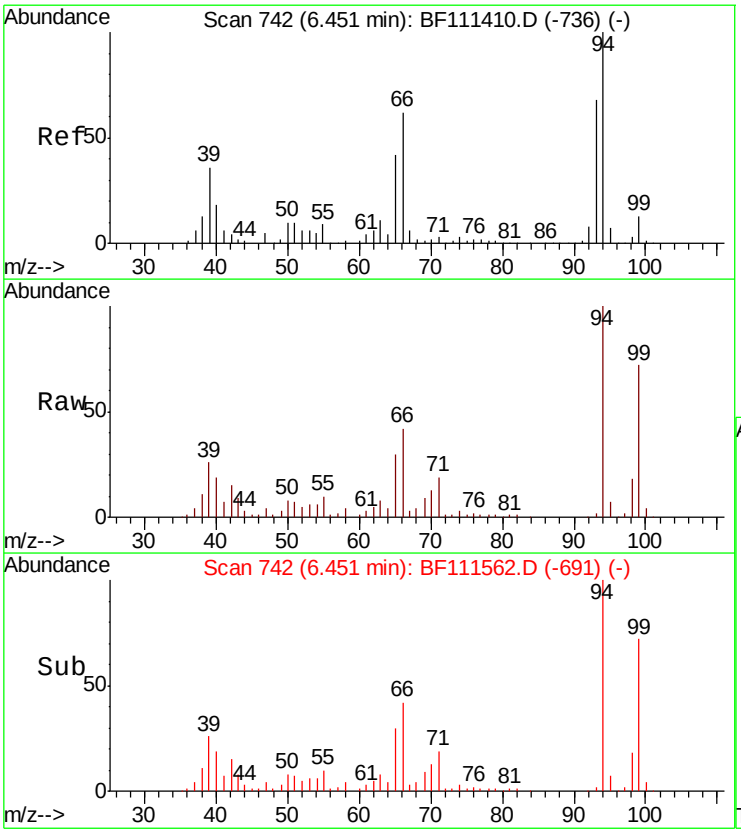
#7
Phenol-d6
Concen: 107.937 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 99 Resp: 1185923

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.4	26.0
71	34.5	26.1	39.1

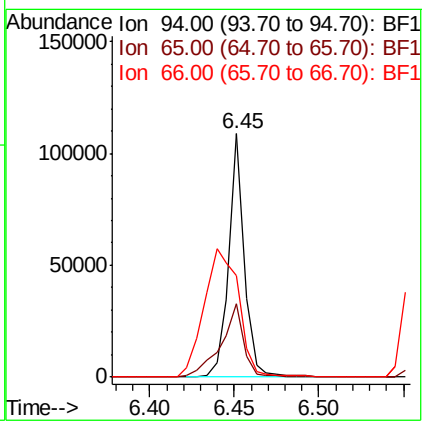


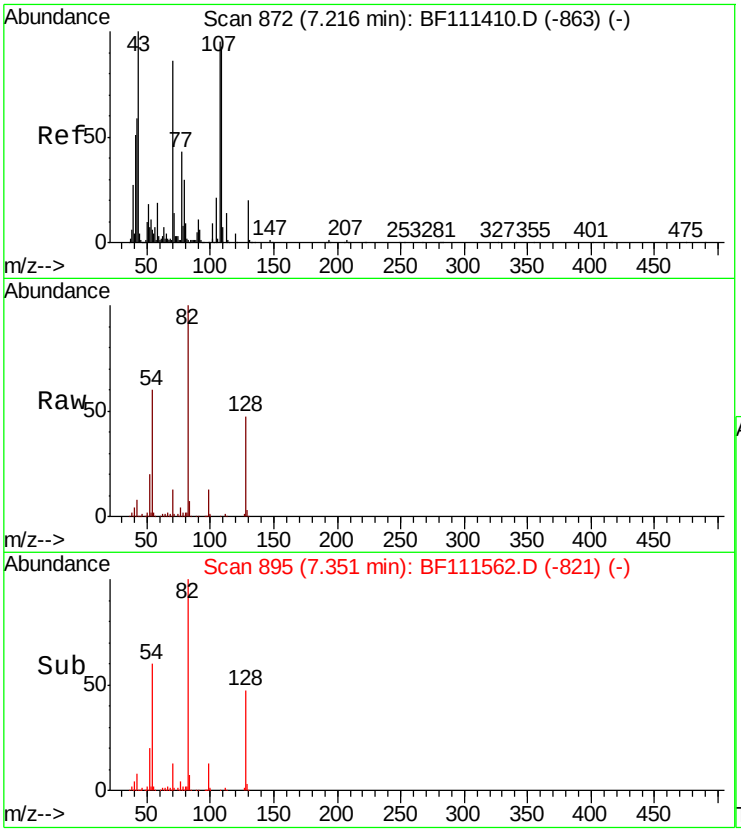


#10
Phenol
Concen: 5.707 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion: 94 Resp: 69850

Ion	Ratio	Lower	Upper
94	100		
65	30.3	11.7	51.7
66	41.6	21.0	61.0



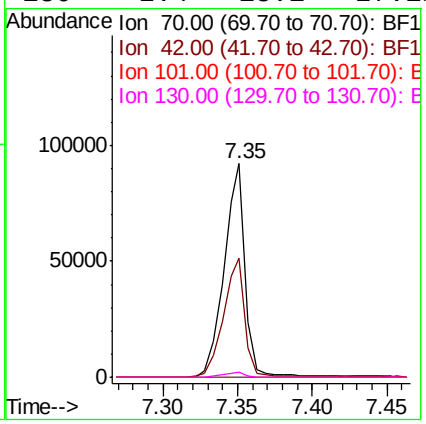


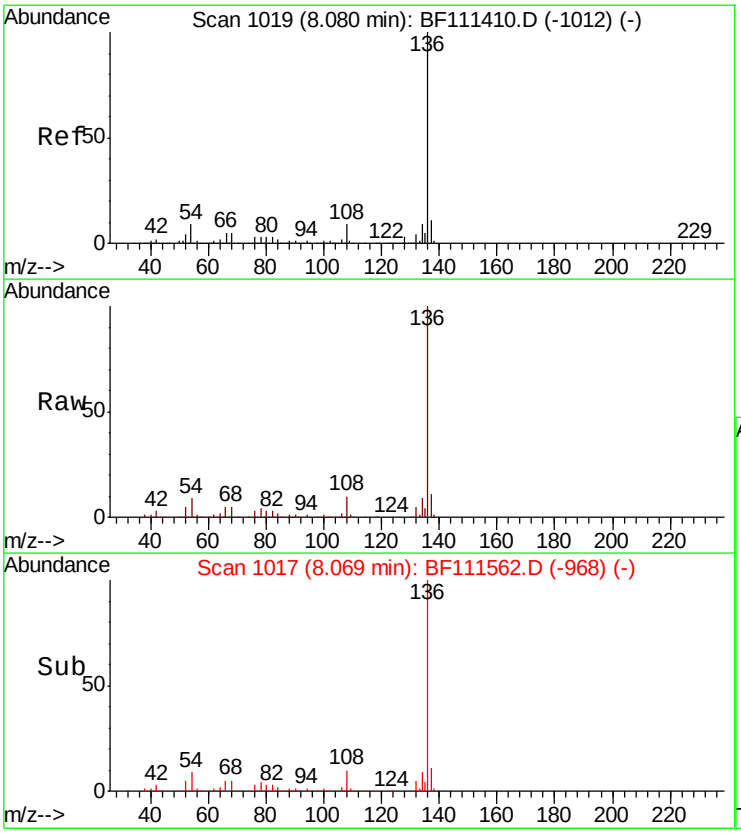
#19
n-Nitroso-di-n-propylamine
Concen: 12.647 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 70 Resp: 91677

Ion	Ratio	Lower	Upper
70	100		
42	55.9	53.2	79.8
101	0.0	8.2	12.4#
130	2.4	18.1	27.1#

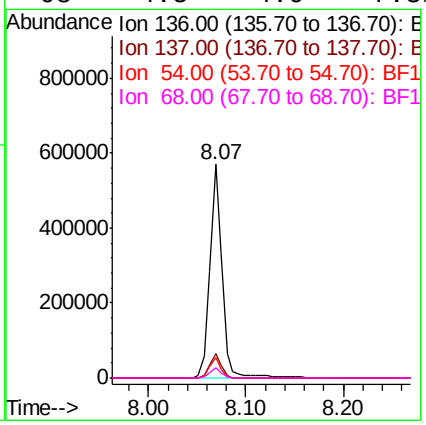


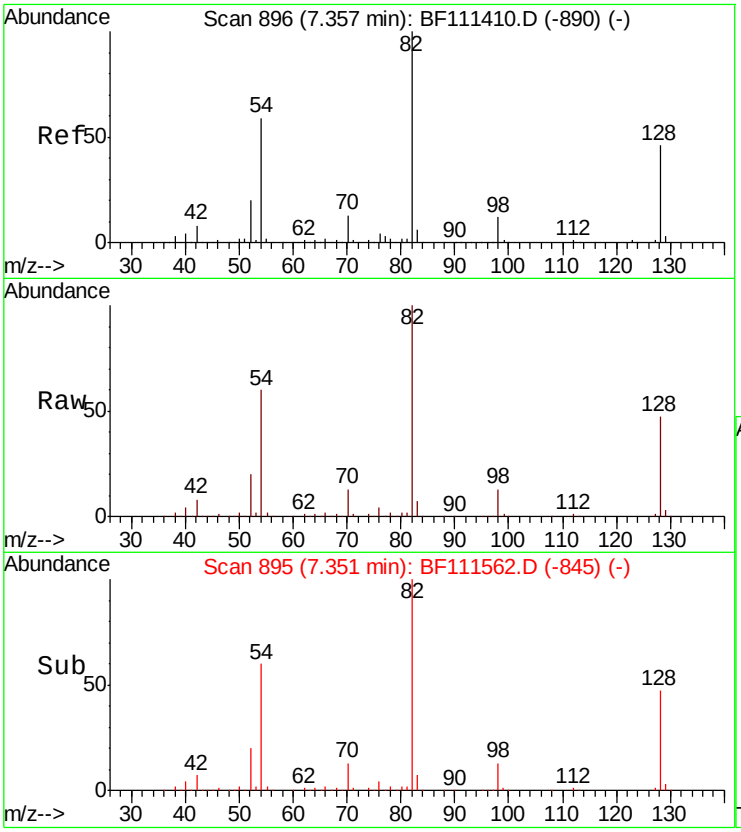


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:136 Resp: 499377

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.4	7.7	11.5
68	4.5	4.9	7.3#



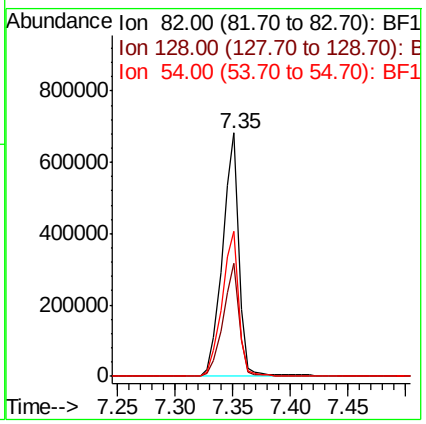


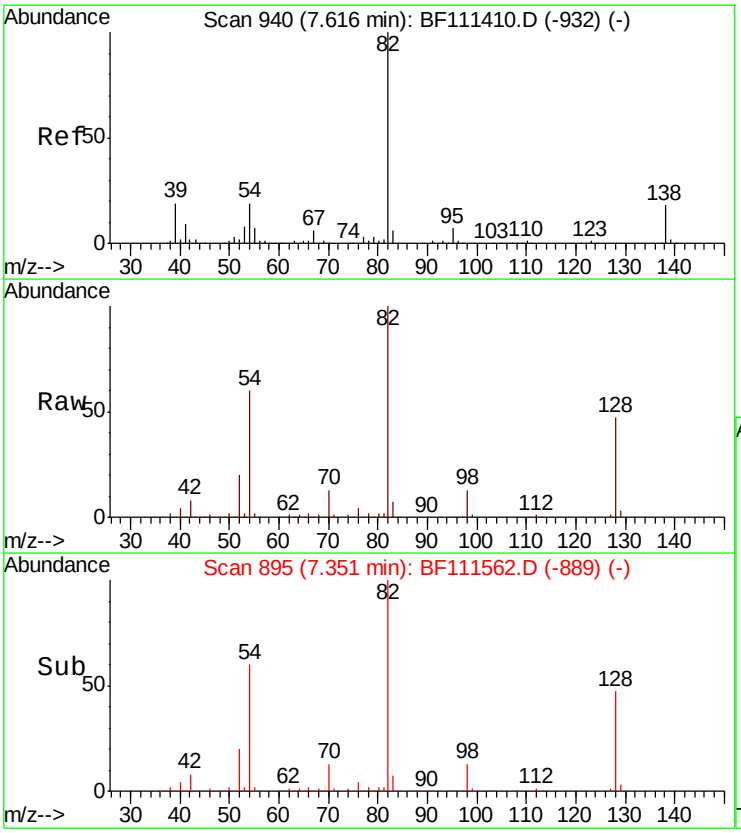
#23
Nitrobenzene-d5
Concen: 80.482 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion: 82 Resp: 674927

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.2
54	59.8	47.6	71.4

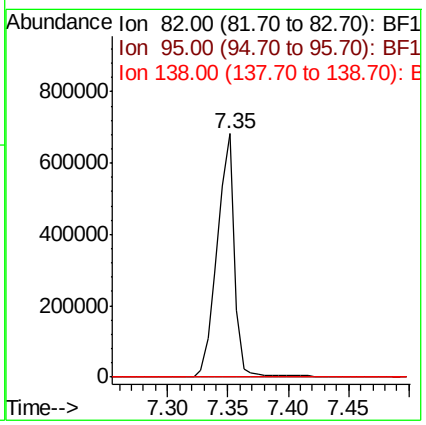


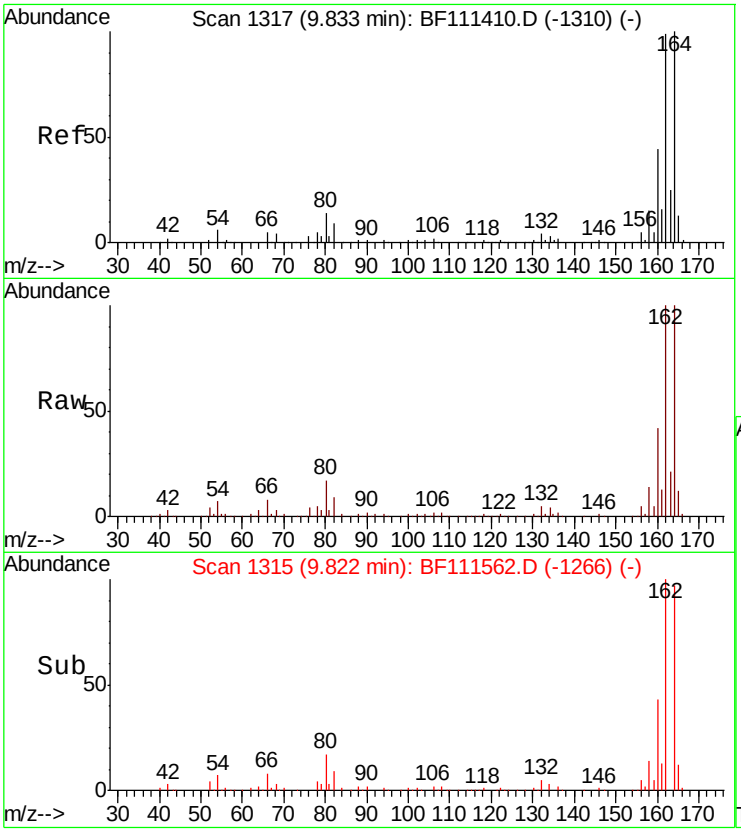


#25
Isophorone
Concen: 47.565 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion: 82 Resp: 674919

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



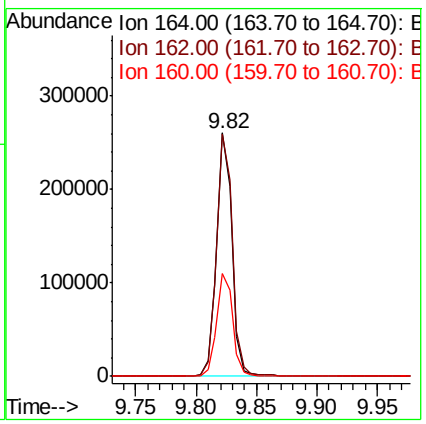


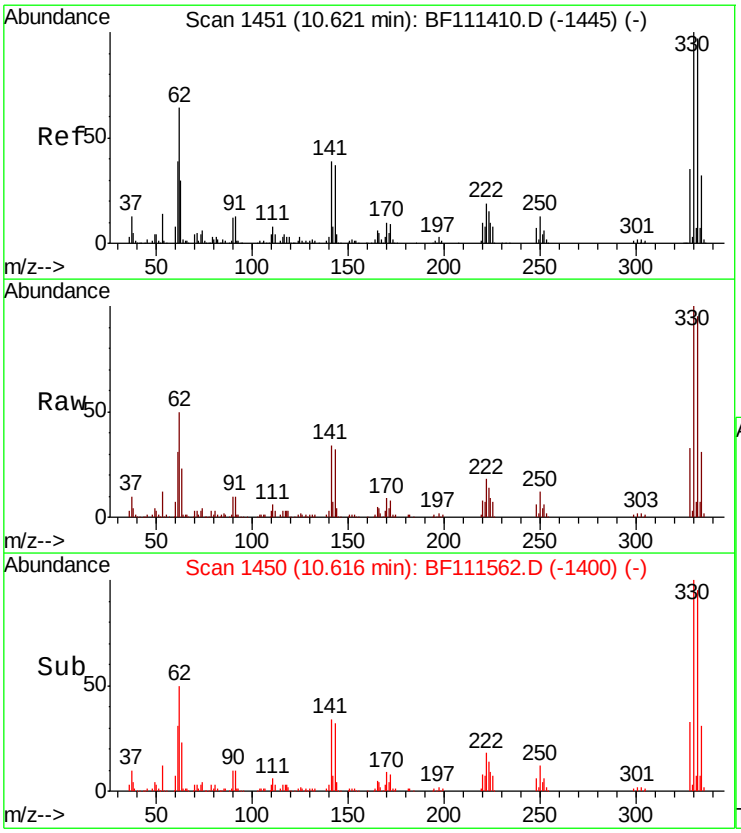
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:164 Resp: 226291

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.0
160	42.3	35.7	53.5

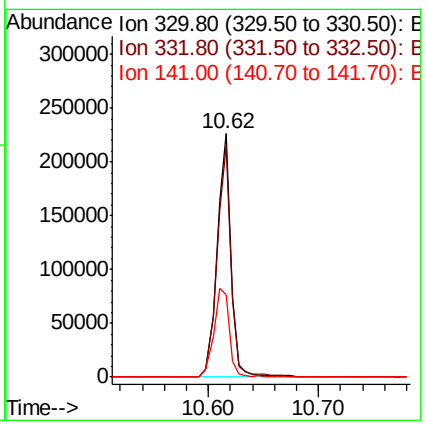


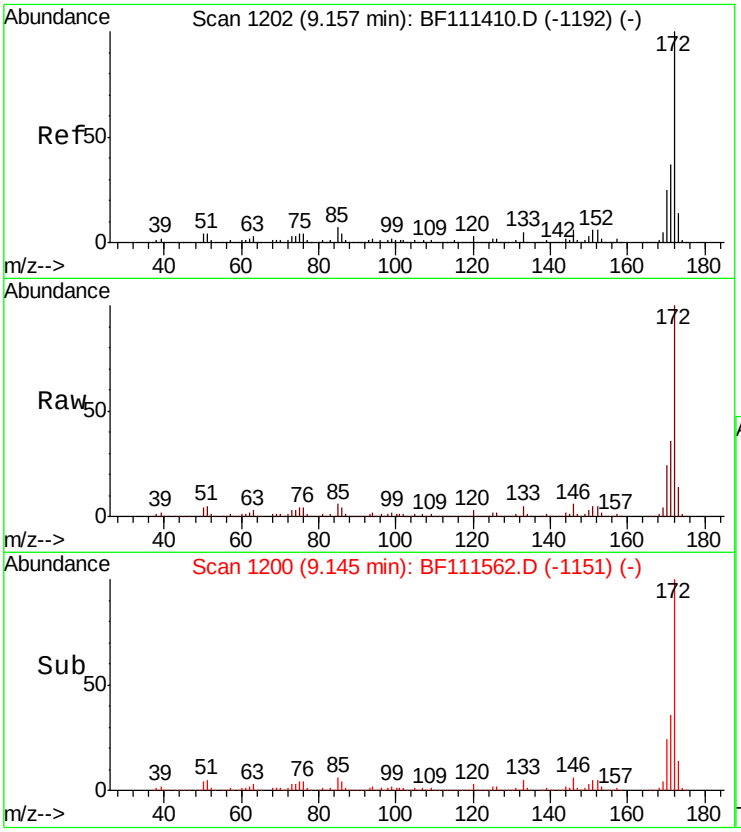


#42
2,4,6-Tribromophenol
Concen: 97.717 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:330 Resp: 198080

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.0	114.0
141	40.8	31.0	46.6



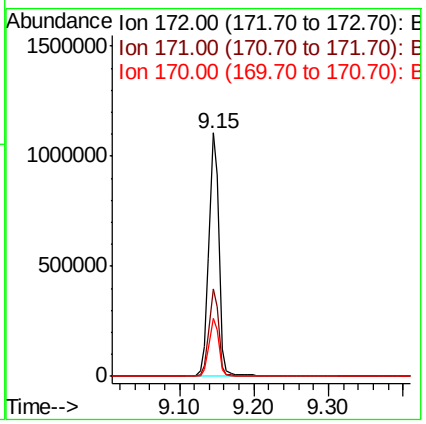


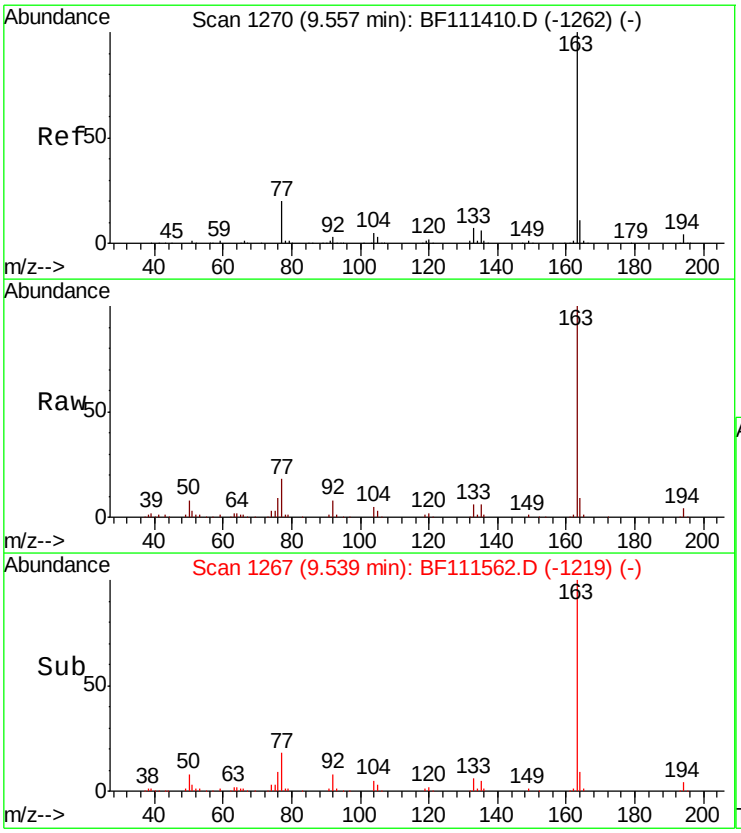
#45
2-Fluorobiphenyl
Concen: 71.453 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:172 Resp: 1046791

Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	23.9	22.3	33.5

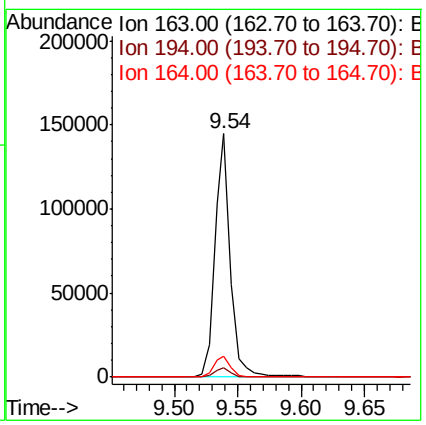


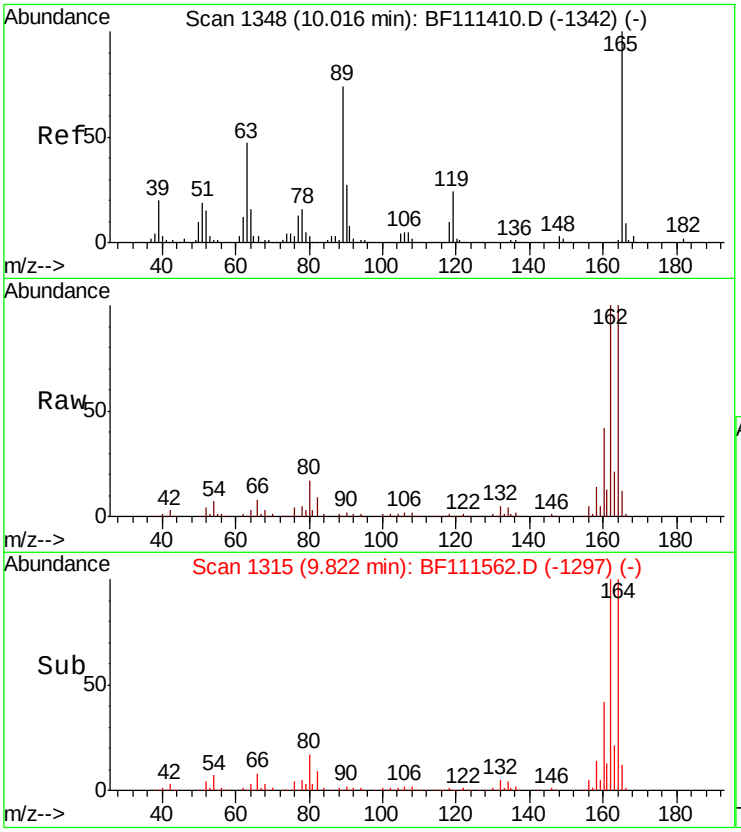


#50
Dimethylphthalate
Concen: 7.573 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:163 Resp: 123414

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	8.7	8.9	13.3#



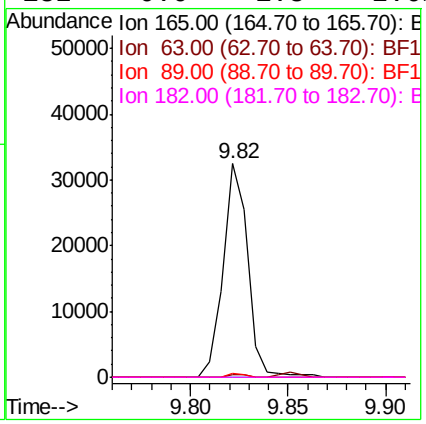


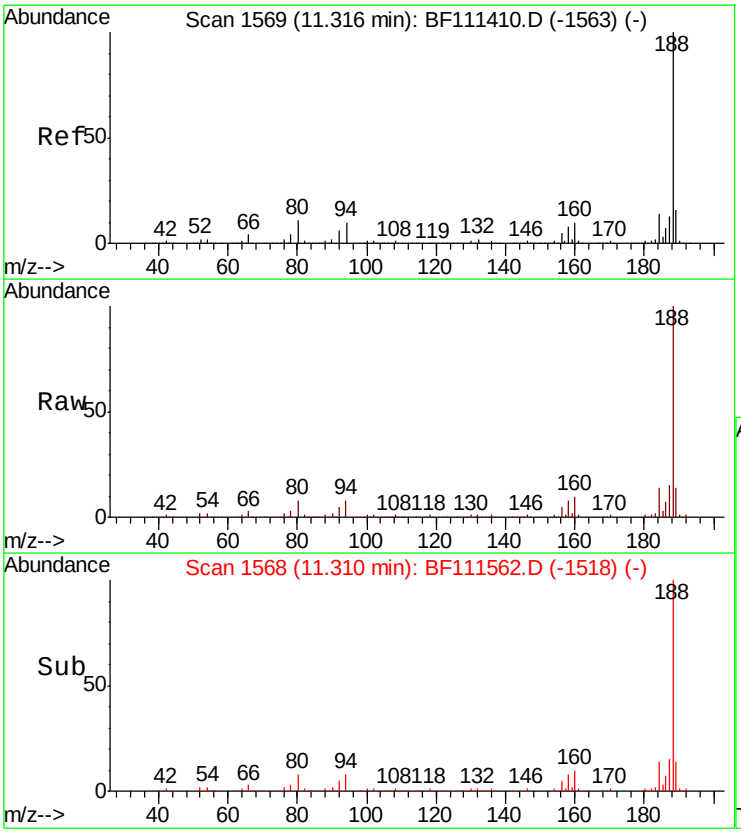
#57
2,4-Dinitrotoluene
Concen: 5.918 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:165 Resp: 28494

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

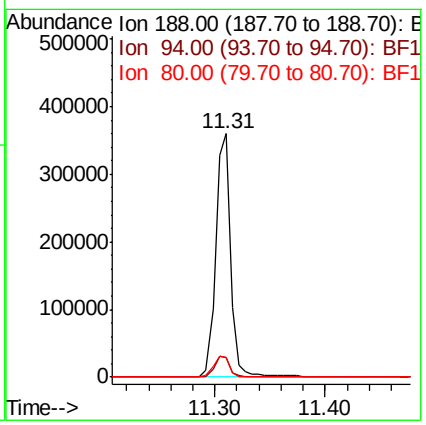


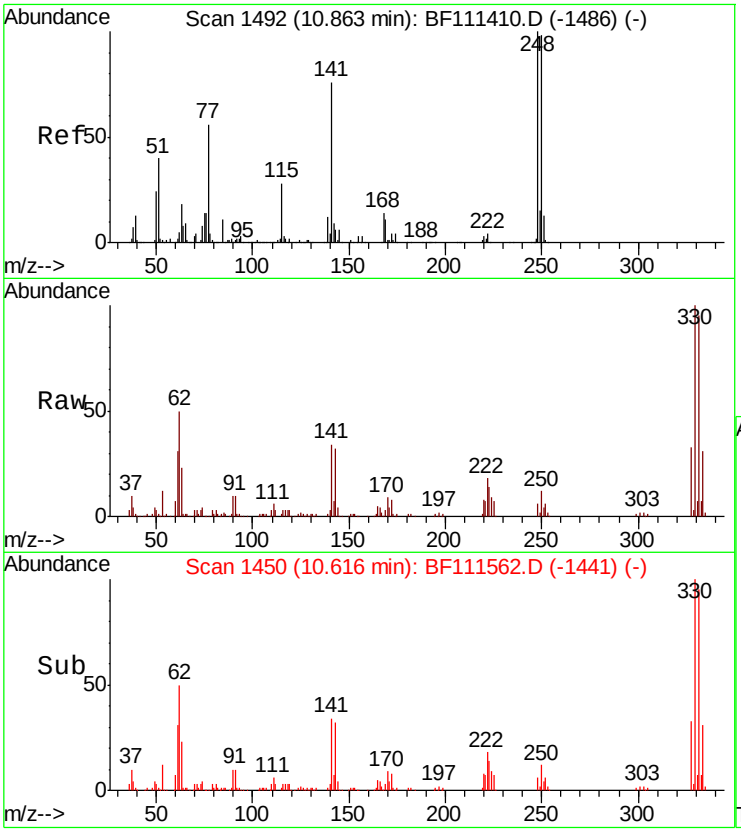


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:188 Resp: 337508

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.6	14.4#
80	8.1	9.8	14.6#



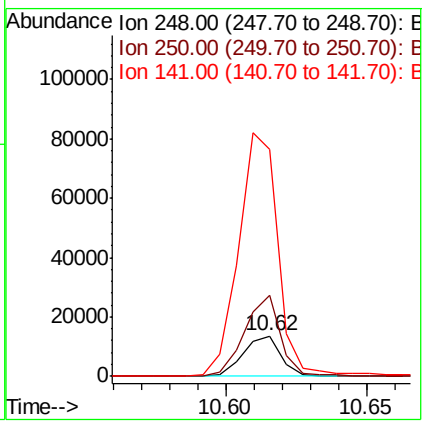


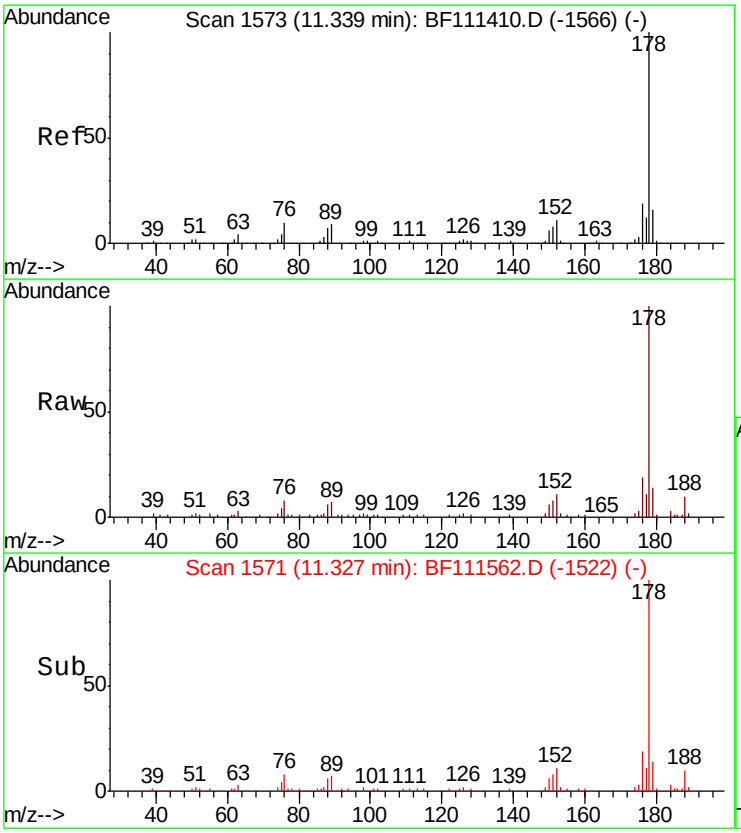
#67
4-Bromophenyl-phenylether
Concen: 3.454 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:248 Resp: 12565

Ion	Ratio	Lower	Upper
248	100		
250	201.2	77.0	115.4#
141	557.9	63.0	94.6#

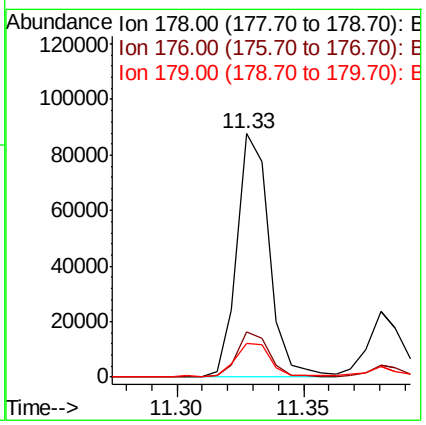


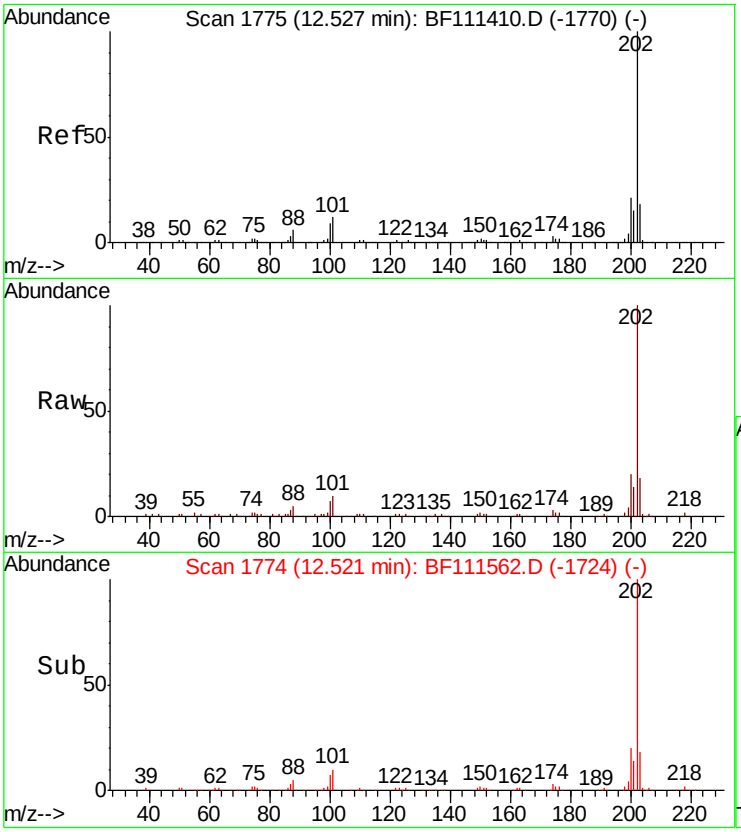


#71
Phenanthrene
Concen: 4.489 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:178 Resp: 78072

Ion	Ratio	Lower	Upper
178	100		
176	18.5	18.1	27.1
179	13.7	14.0	21.0#



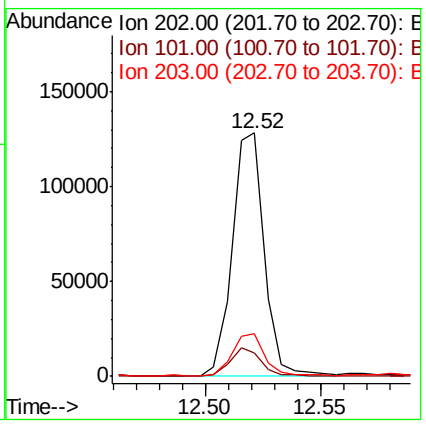


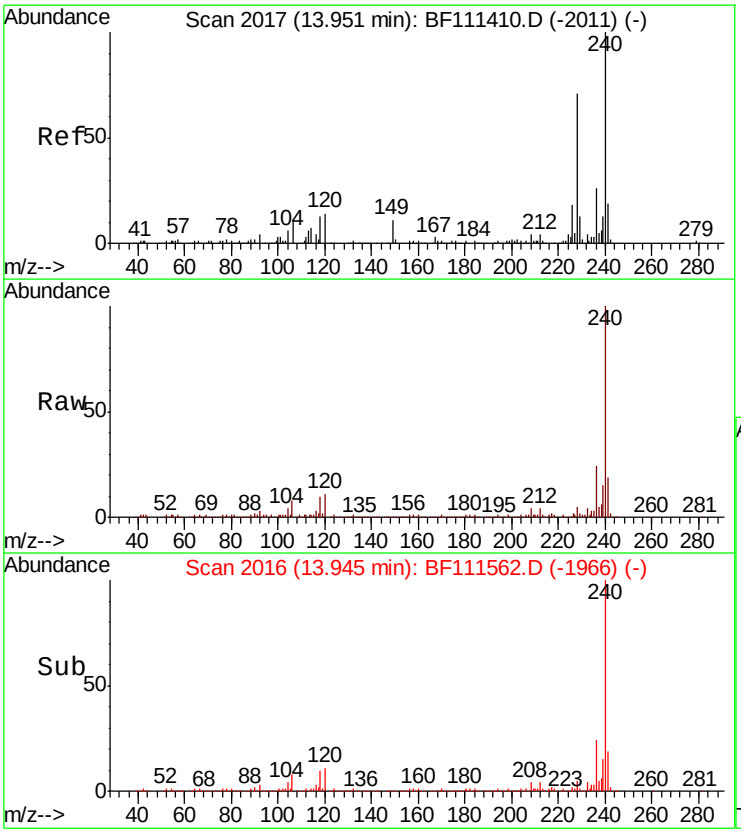
#75
Fluoranthene
Concen: 7.289 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:202 Resp: 124008

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	33.8
203	17.8	0.0	38.6

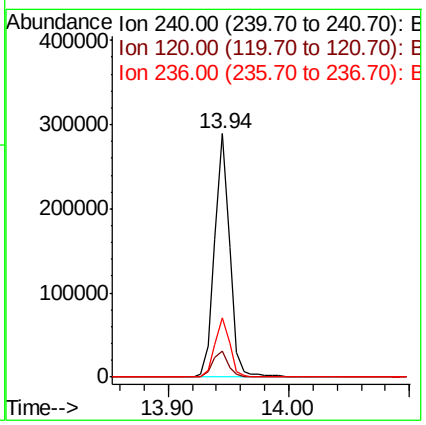


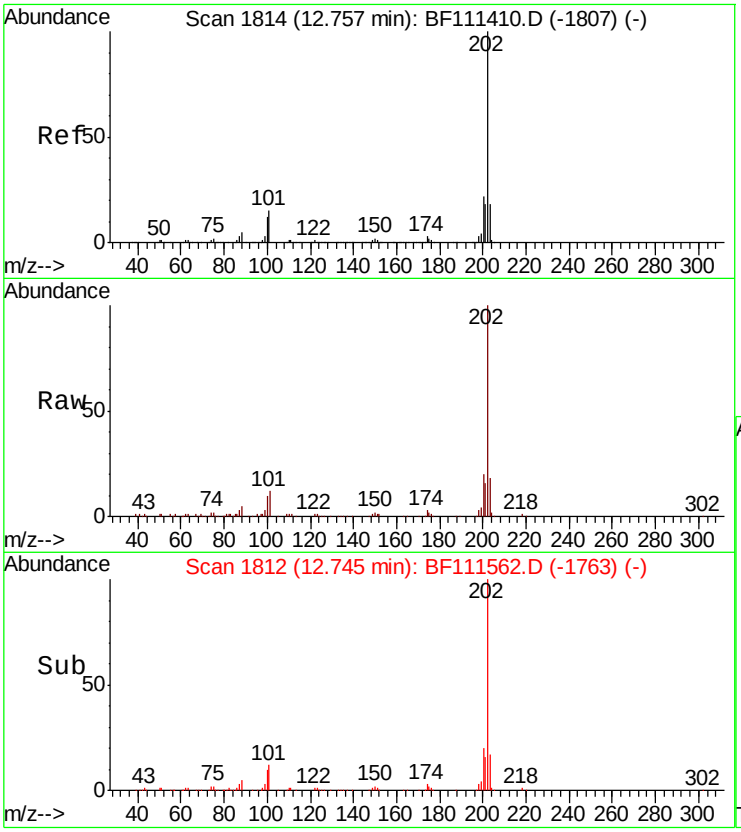


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:240 Resp: 247714

Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.2	18.2#
236	24.3	20.2	30.2



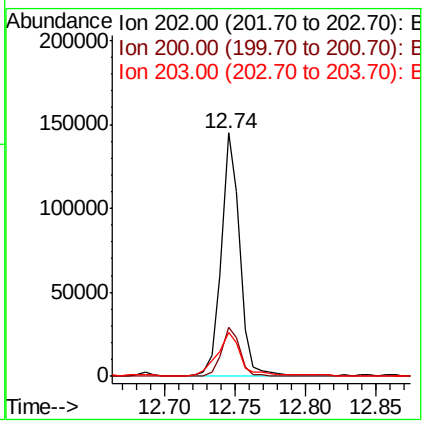


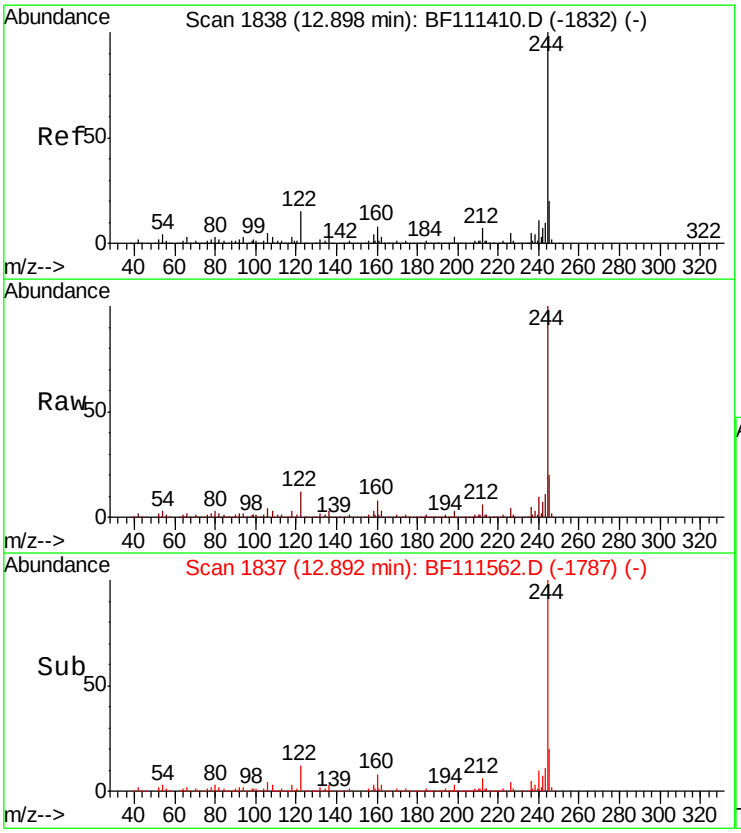
#78
Pyrene
Concen: 7.629 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:202 Resp: 133245

Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.0	28.4
203	18.0	15.2	22.8

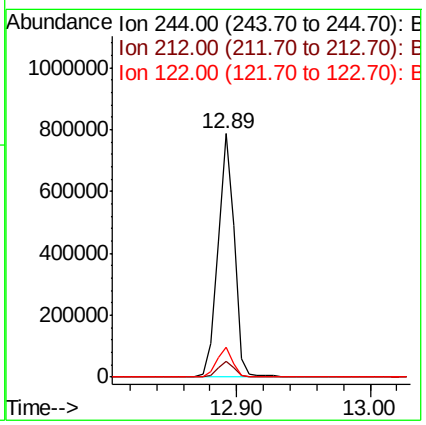


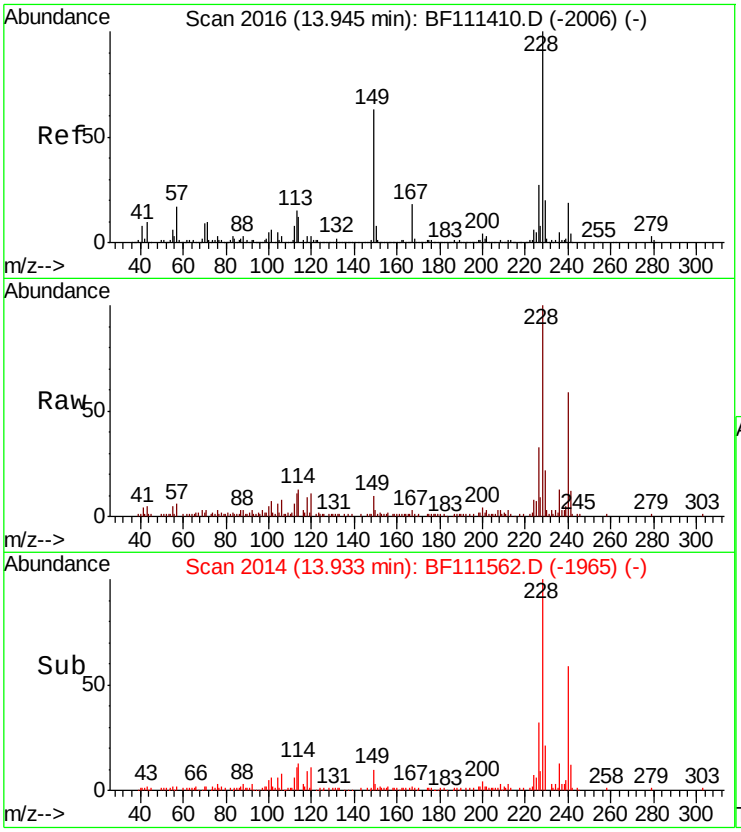


#79
Terphenyl-d14
Concen: 64.842 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:244 Resp: 684015

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	12.4	13.1	19.7#



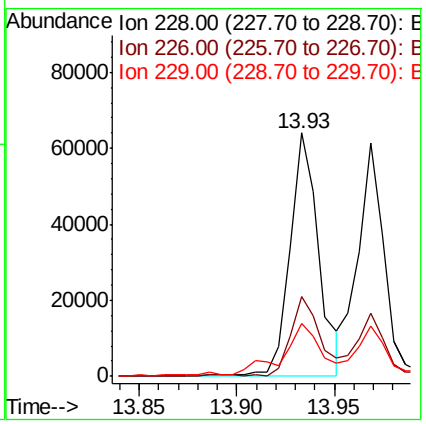


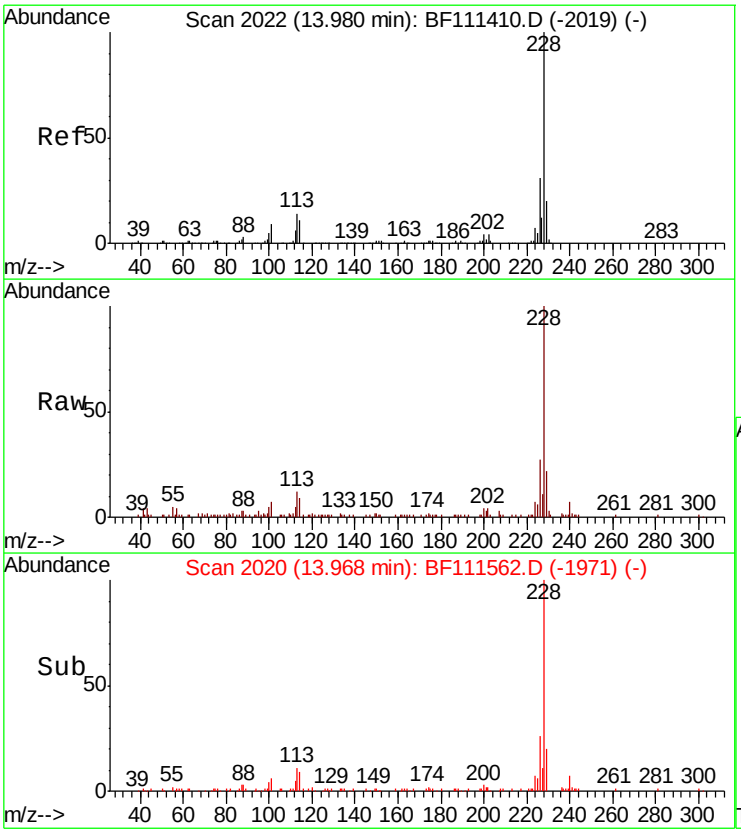
#81
Benzo(a)anthracene
Concen: 4.880 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:228 Resp: 65735

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	34.0
229	21.7	16.3	24.5

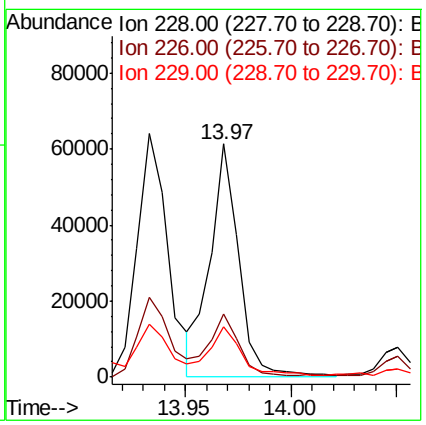


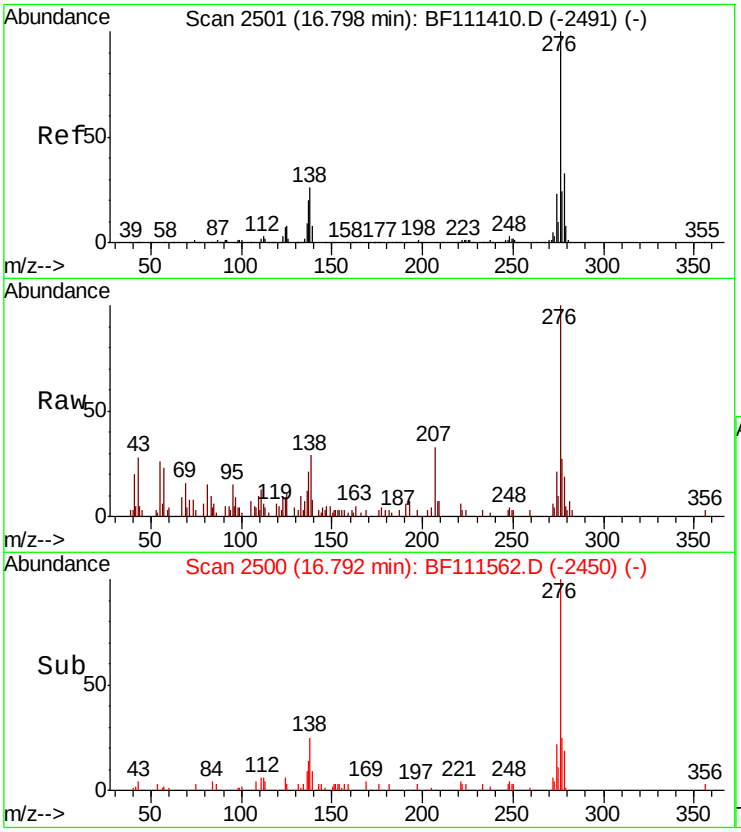


#83
Chrysene
Concen: 4.147 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:228 Resp: 58843

Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.3	37.9
229	21.6	17.2	25.8



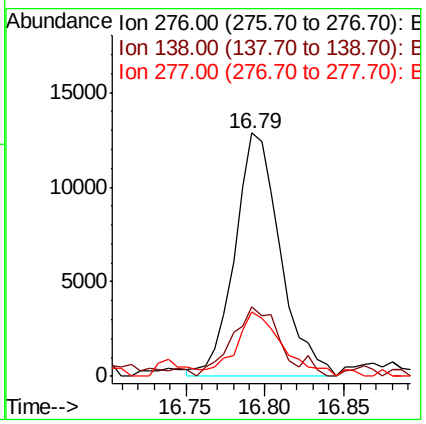


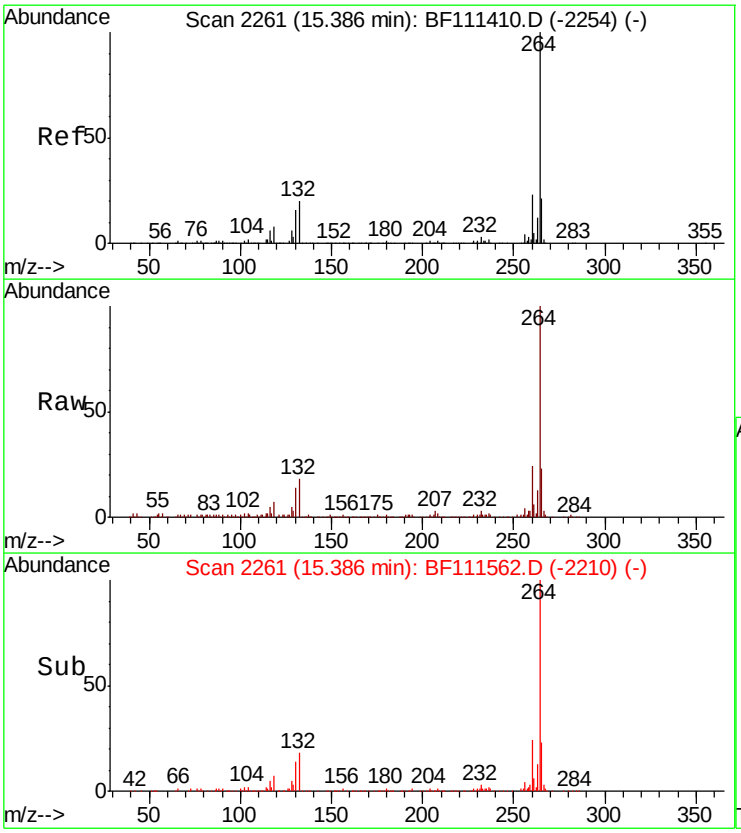
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.504 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:276 Resp: 25638

Ion	Ratio	Lower	Upper
276	100		
138	30.7	27.8	41.6
277	26.9	20.1	30.1

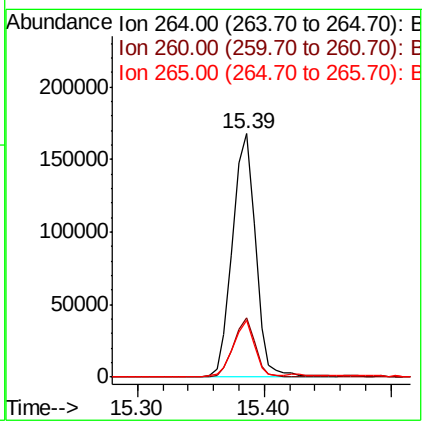


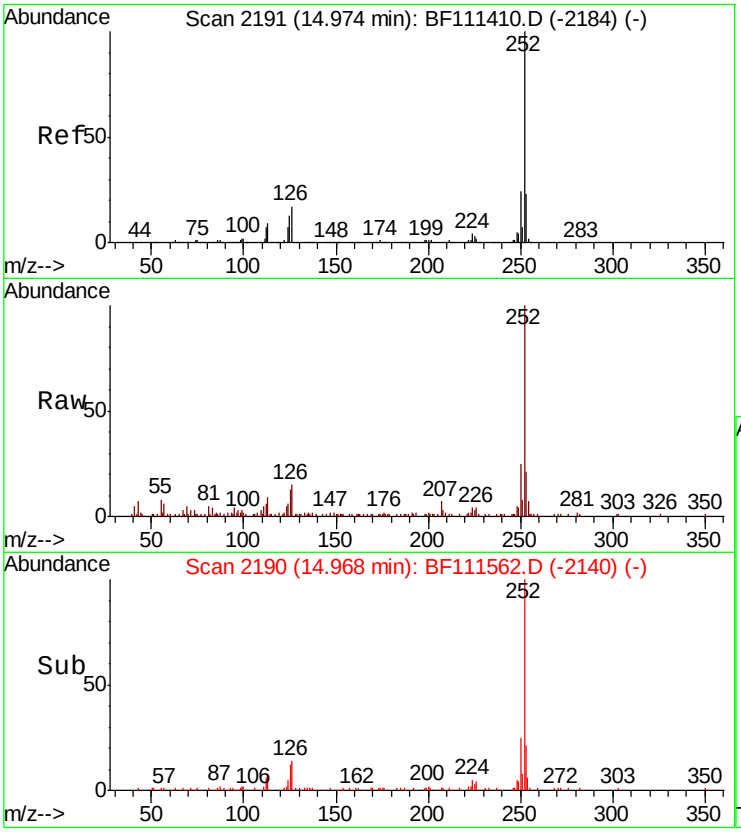


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:264 Resp: 212123

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	23.0	17.7	26.5



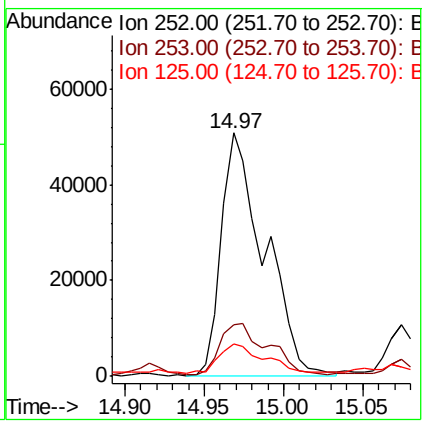


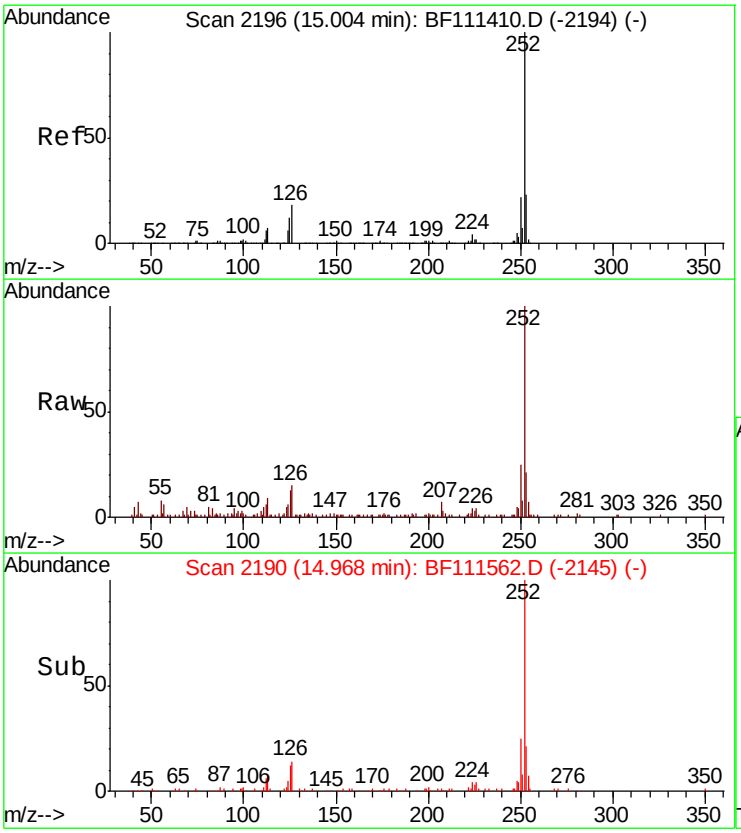
#88
Benzo(b)fluoranthene
Concen: 7.816 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:252 Resp: 96659

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	13.5	10.4	15.6

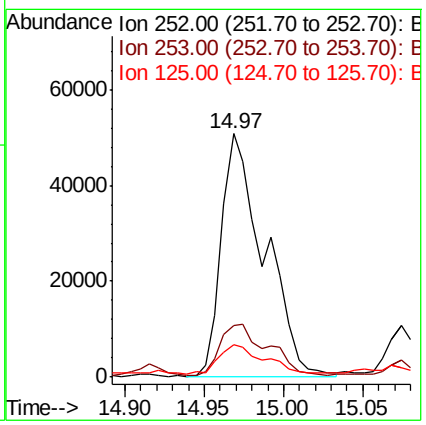


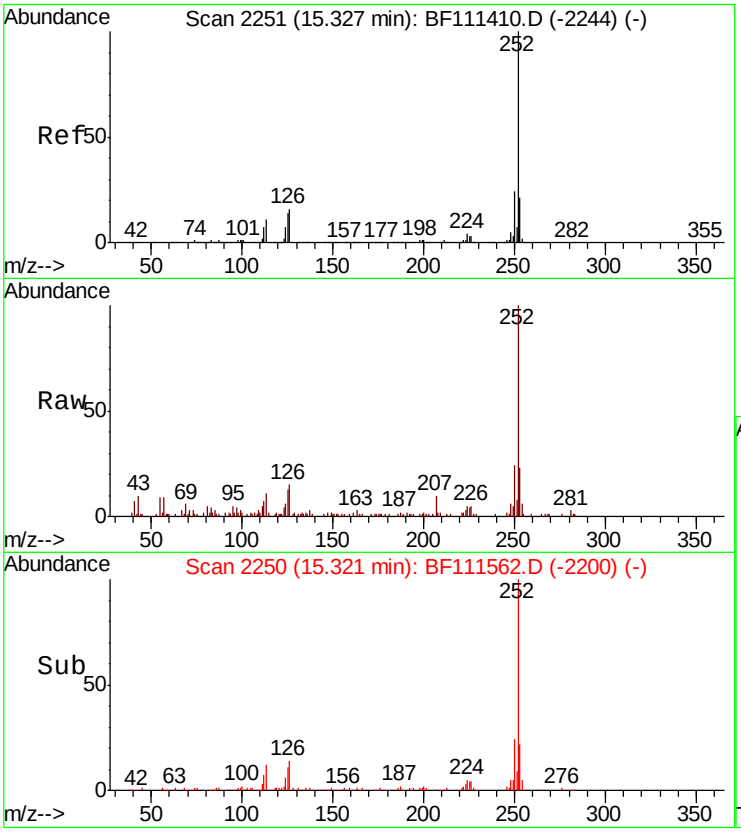


#89
Benzo(k)fluoranthene
Concen: 8.180 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:252 Resp: 96659

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	13.5	9.8	14.8



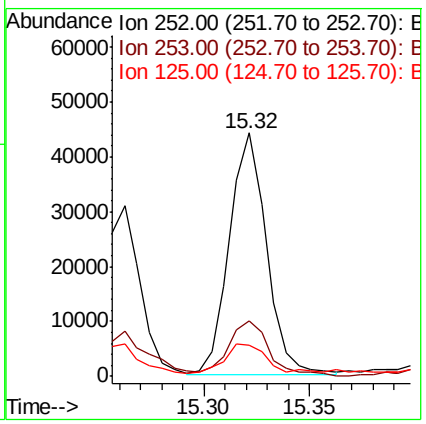


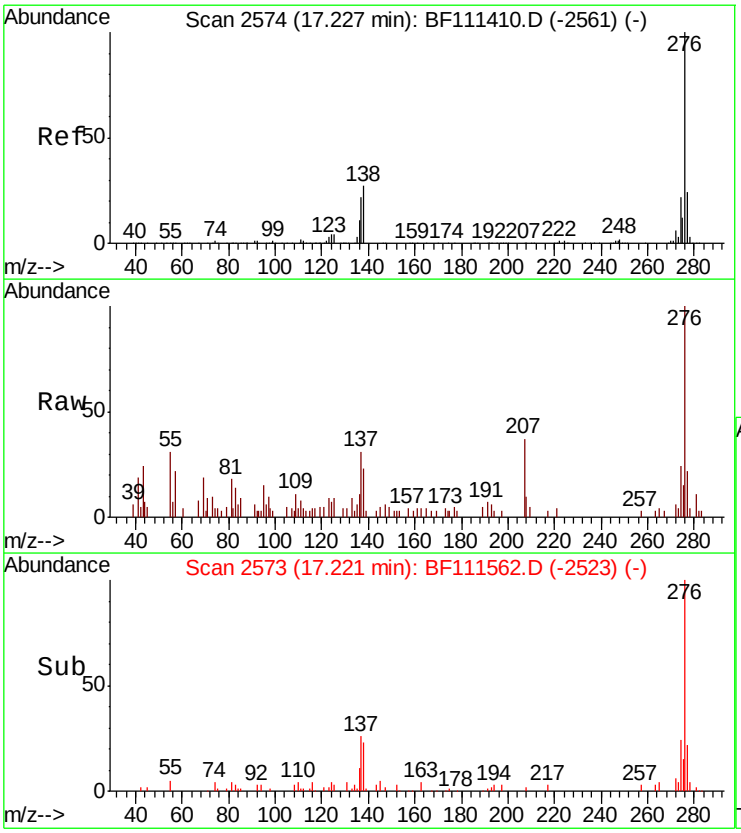
#90
Benzo(a)pyrene
Concen: 4.821 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tgt Ion:252 Resp: 53769

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.0	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 2.889 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion:276 Resp: 24948

Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.2	28.8
138	22.8	24.9	37.3#