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

Quantitation Report (Not Reviewed)

Data File : BF111472.D
Acq On : 15 Dec 2018 16:53
Operator : JU/SJ
Sample : J6316-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-3

Quant Time: Dec 16 00:44:53 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	147466	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	587233	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	261820	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	385658	20.00	ng		0.00
76) Chrysene-d12	13.95	240	280099	20.00	ng		0.00
87) Perylene-d12	15.39	264	245285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	993910	112.16	ng		0.00
7) Phenol-d6	6.44	99	1259162	106.82	ng		0.00
23) Nitrobenzene-d5	7.35	82	779072	79.00	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	179544	76.55	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1356884	80.05	ng		0.00
79) Terphenyl-d14	12.90	244	856045	71.77	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	86564	6.592	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	101593	13.063	ng	#	82
25) Isophorone	7.35	82	779065	46.691	ng	#	64
50) Dimethylphthalate	9.55	163	135469	7.184	ng	#	95
57) 2,4-Dinitrotoluene	9.83	165	33197	5.959	ng	#	24
67) 4-Bromophenyl-phenylether	10.62	248	11701	2.815	ng	#	1
71) Phenanthrene	11.33	178	62877	3.164	ng		94
72) Anthracene	11.33	178	62877	3.094	ng		95
75) Fluoranthene	12.52	202	108675	5.590	ng		98
78) Pyrene	12.75	202	99839	5.056	ng		94
81) Benzo(a)anthracene	13.94	228	49640	3.259	ng		97
83) Chrysene	13.97	228	54393	3.390	ng		95
88) Benzo(b)fluoranthene	14.97	252	85918	6.008	ng		98
89) Benzo(k)fluoranthene	14.97	252	85918	6.288	ng	#	98
90) Benzo(a)pyrene	15.33	252	41745	3.237	ng		98
92) Benzo(g,h,i)perylene	17.23	276	20054	2.008	ng		93

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

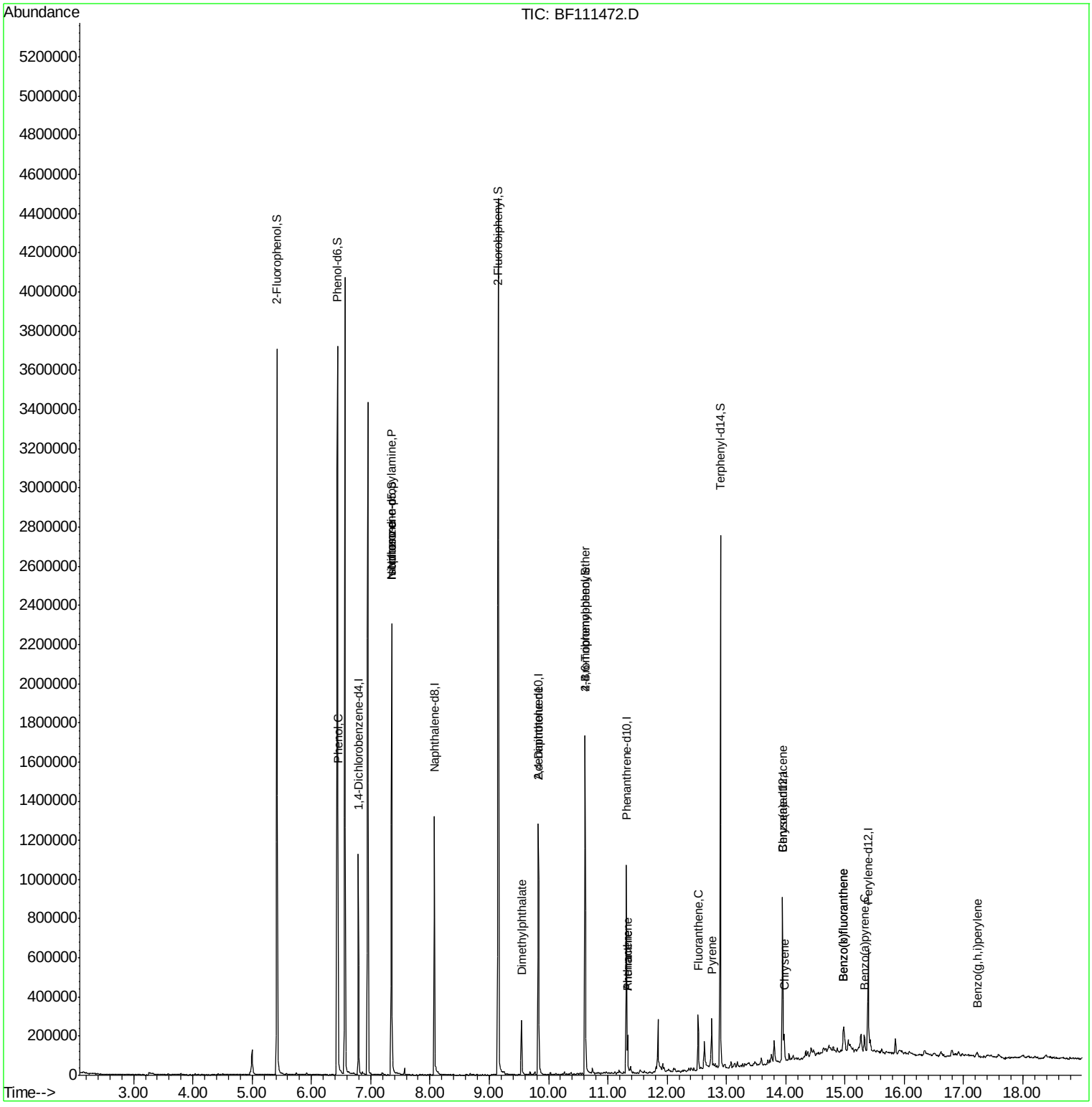
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

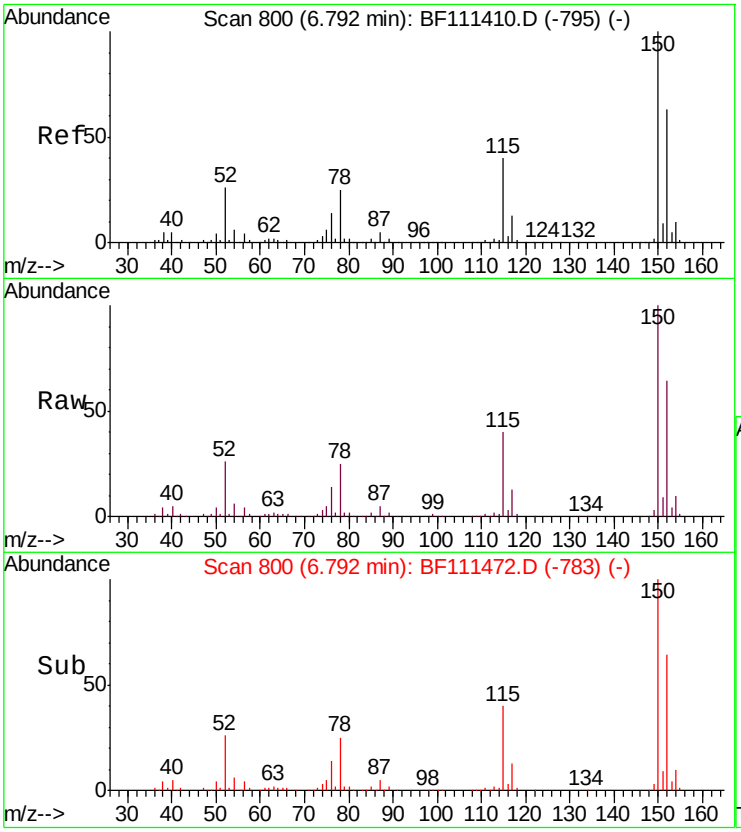
Quantitation Report (Not Reviewed)

Data File : BF111472.D
Acq On : 15 Dec 2018 16:53
Operator : JU/SJ
Sample : J6316-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Quant Time: Dec 16 00:44:53 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



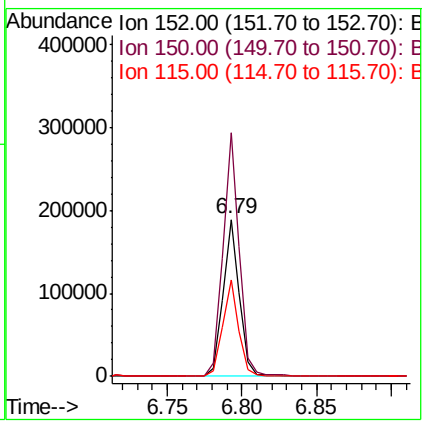


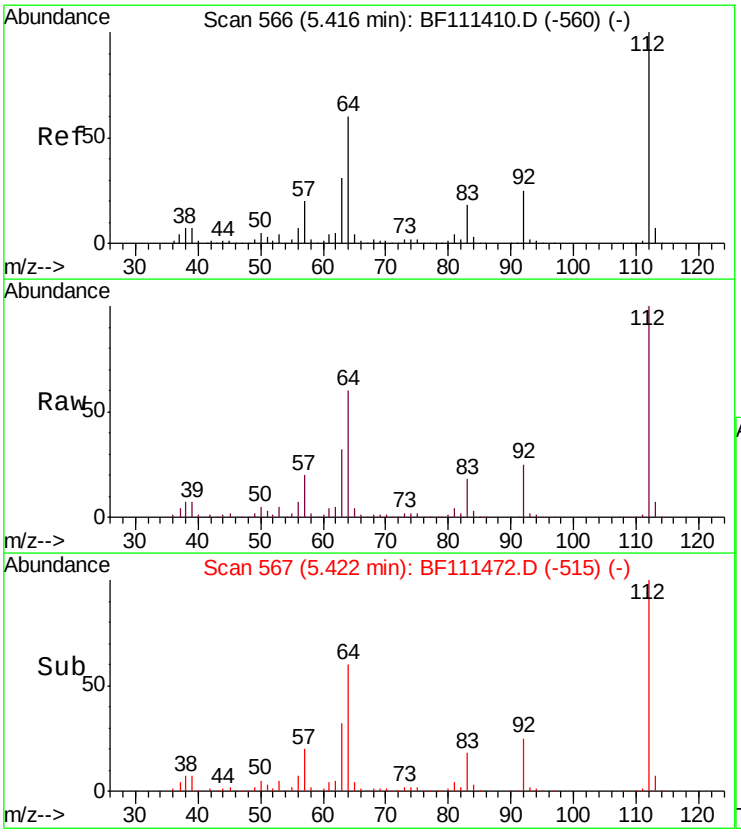
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:152 Resp: 147466

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	61.9	50.7	76.1

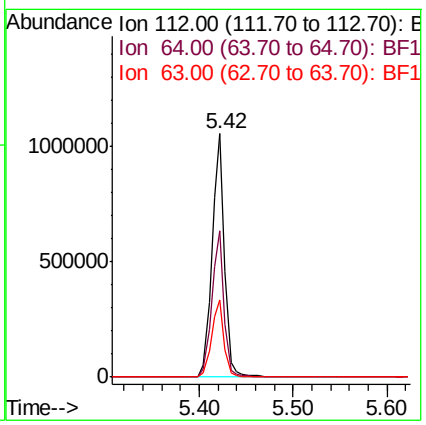


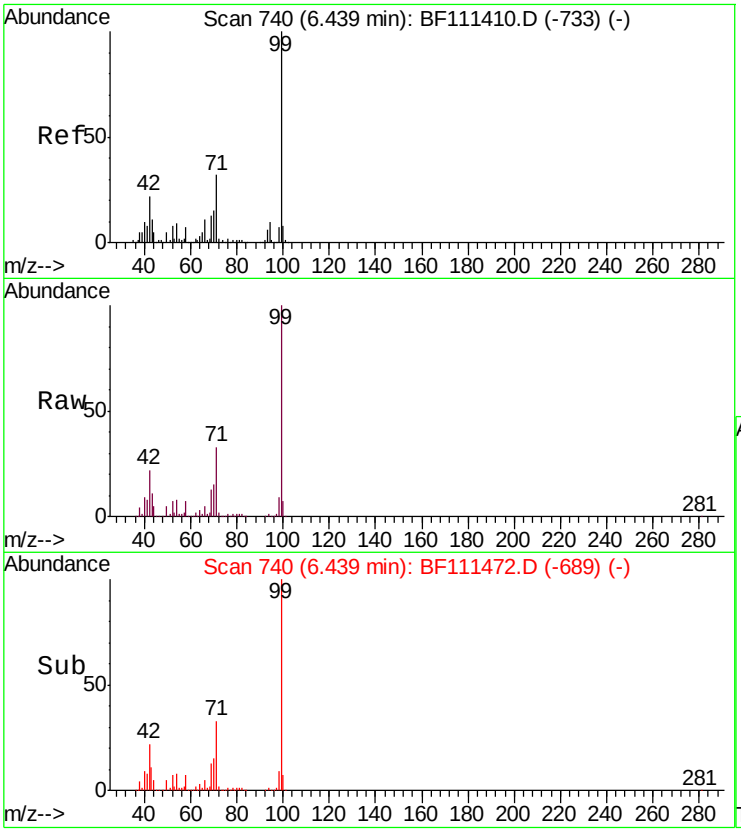


#5
2-Fluorophenol
Concen: 112.156 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:112 Resp: 993910

Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	31.7	26.8	40.2



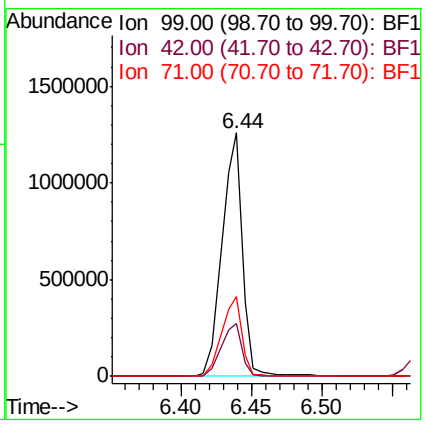


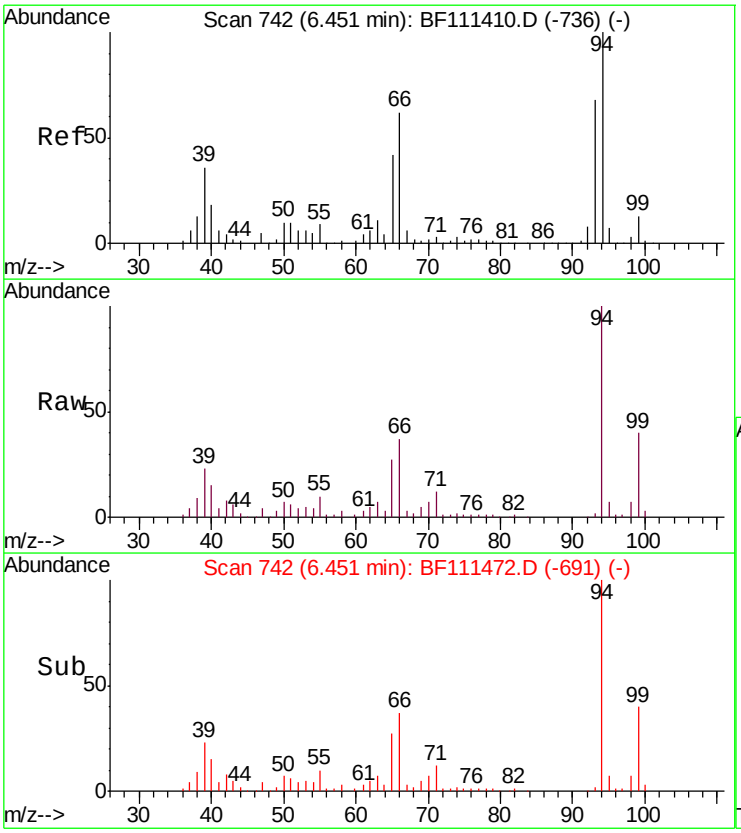
#7
Phenol-d6
Concen: 106.819 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 99 Resp: 1259162

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.4	26.0
71	32.6	26.1	39.1

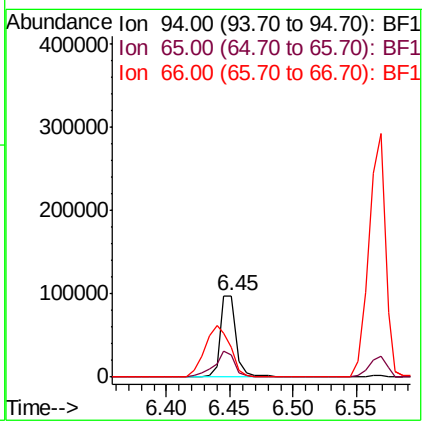


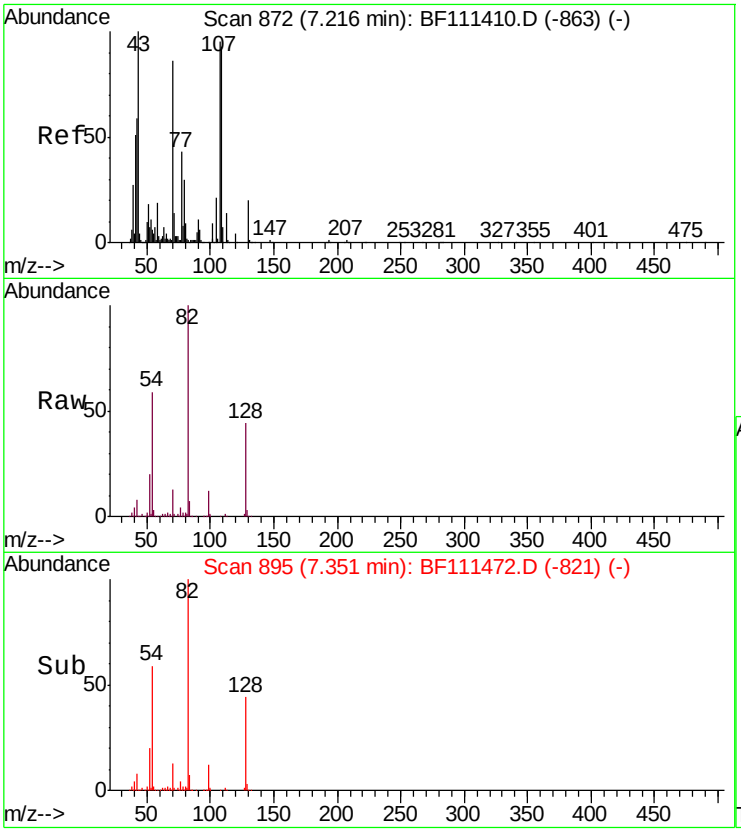


#10
Phenol
Concen: 6.592 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion: 94 Resp: 86564

Ion	Ratio	Lower	Upper
94	100		
65	27.1	11.7	51.7
66	37.1	21.0	61.0



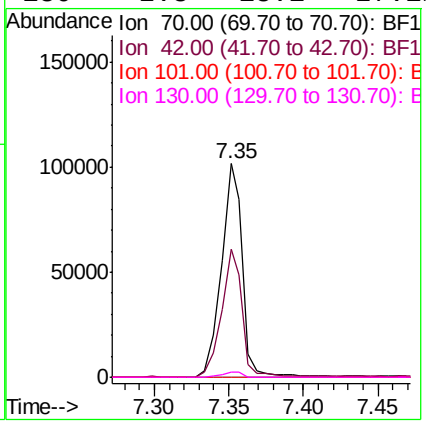


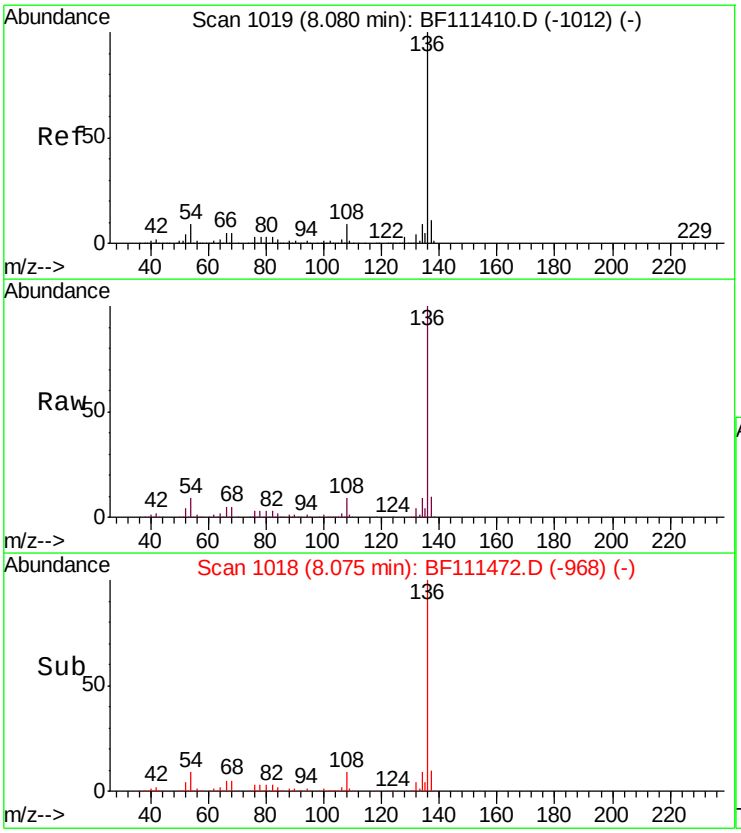
#19
n-Nitroso-di-n-propylamine
Concen: 13.063 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 70 Resp: 101593

Ion	Ratio	Lower	Upper
70	100		
42	59.9	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#

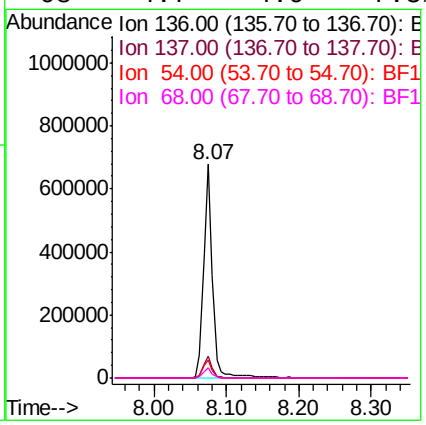


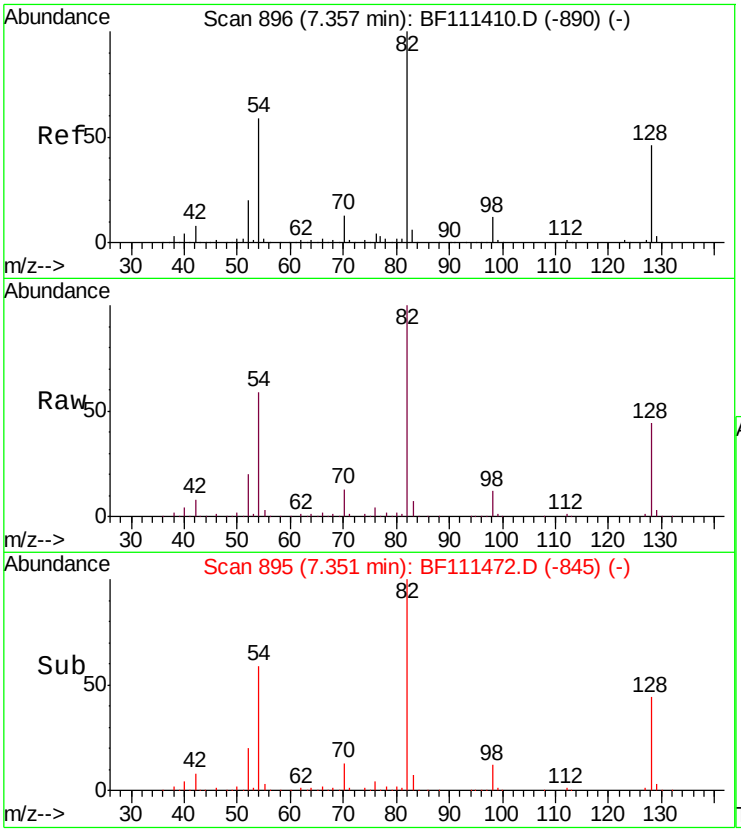


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:136 Resp: 587233

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	8.7	7.7	11.5
68	4.7	4.9	7.3#



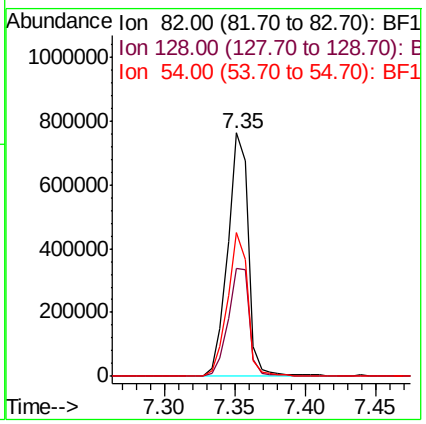


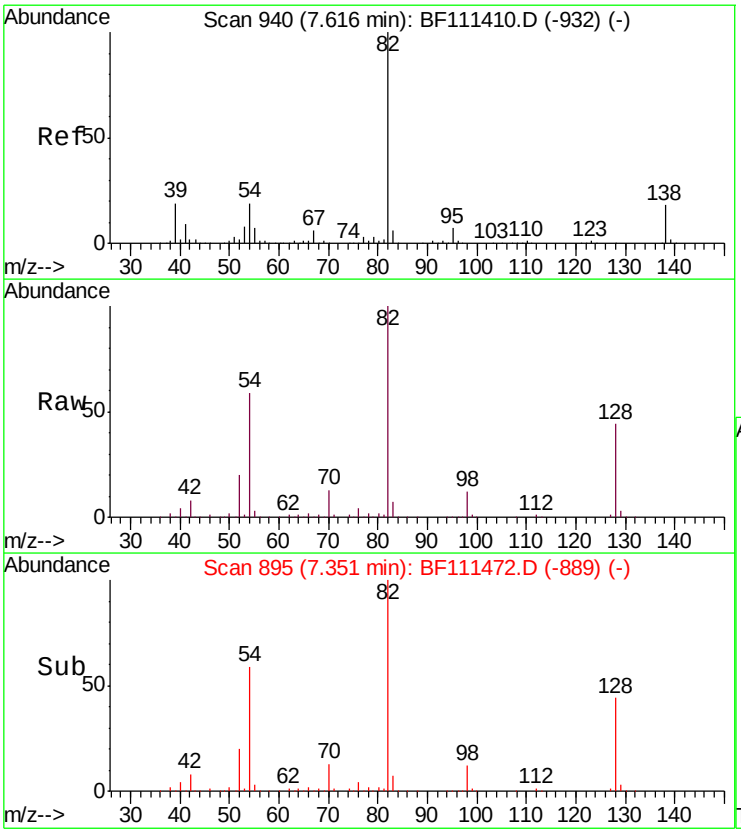
#23
Nitrobenzene-d5
Concen: 79.002 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 82 Resp: 779072

Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.4	56.2
54	59.2	47.6	71.4

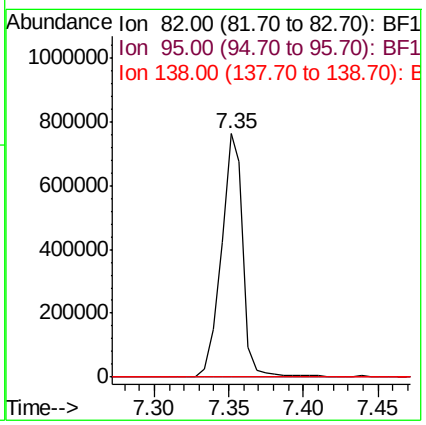


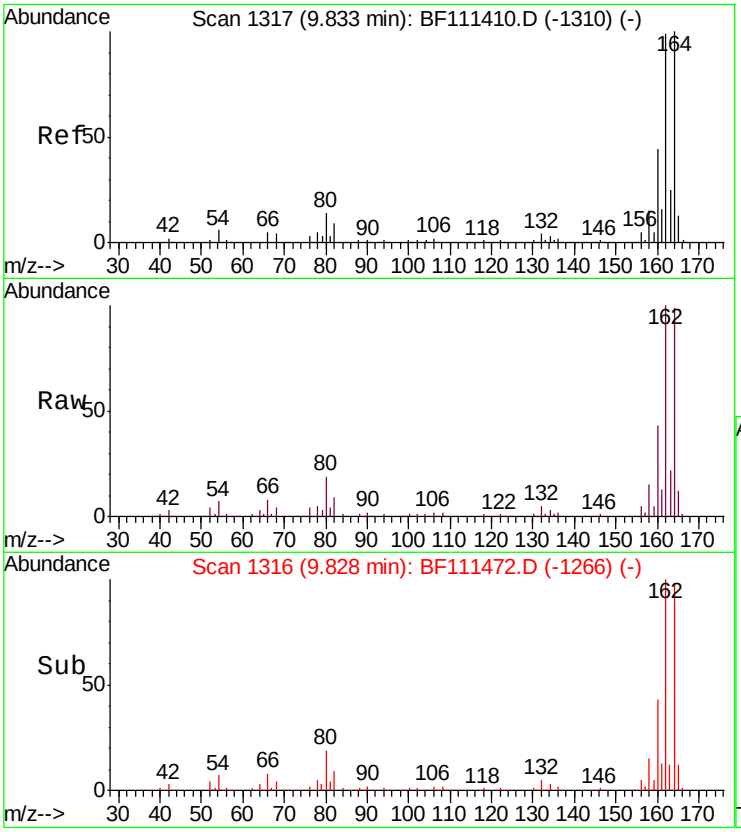


#25
Isophorone
Concen: 46.691 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion: 82 Resp: 779065

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



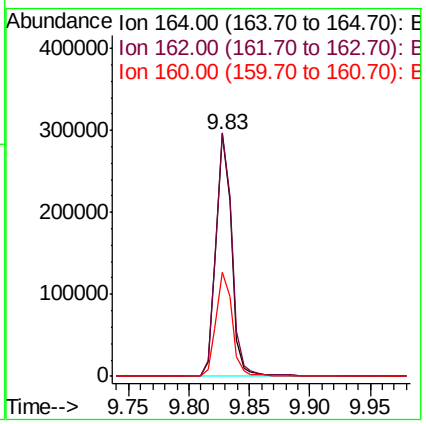


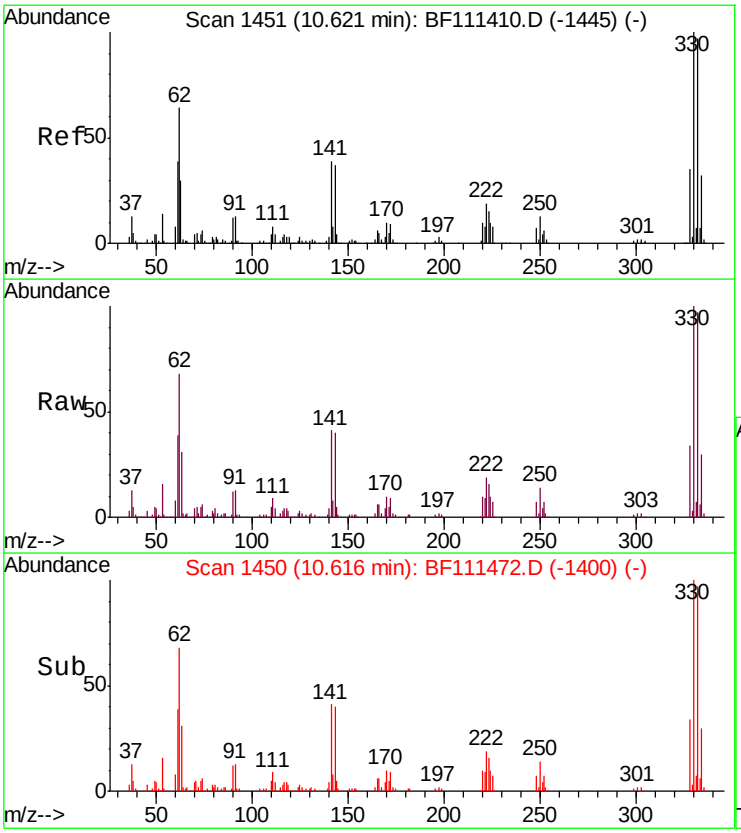
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:164 Resp: 261820

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.0
160	43.0	35.7	53.5

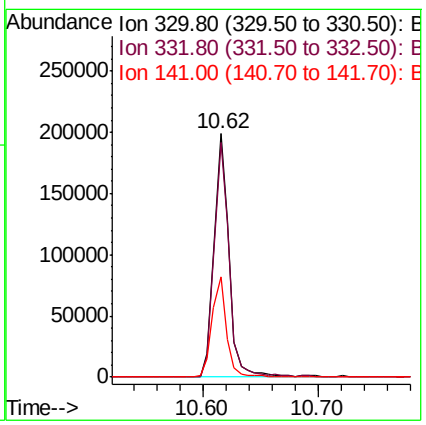


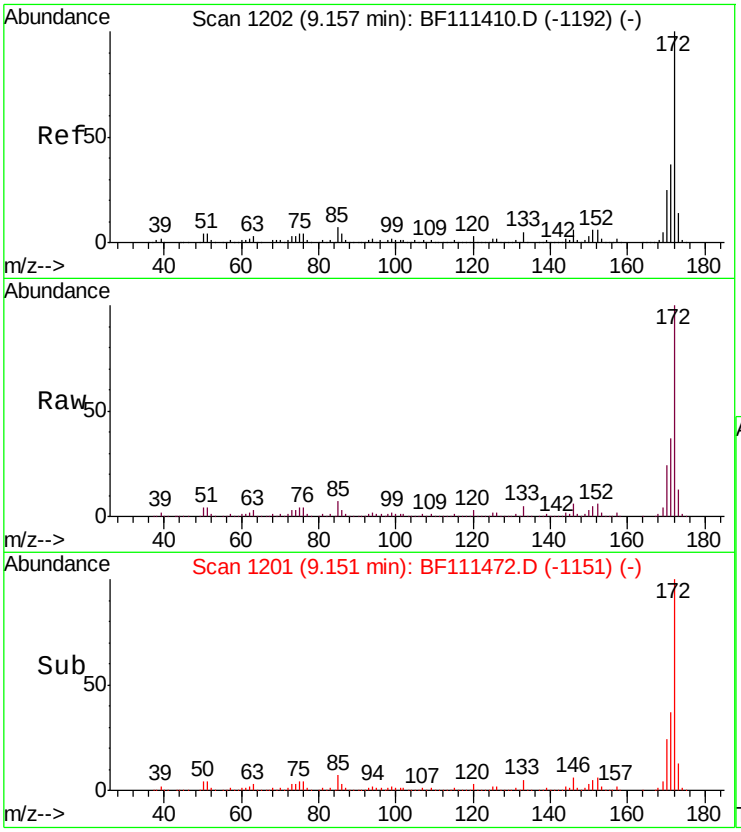


#42
2,4,6-Tribromophenol
Concen: 76.553 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:330 Resp: 179544

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	40.4	31.0	46.6



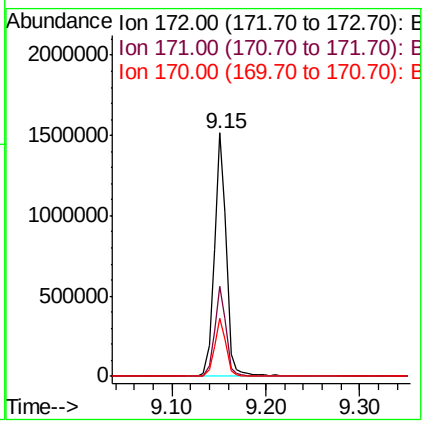


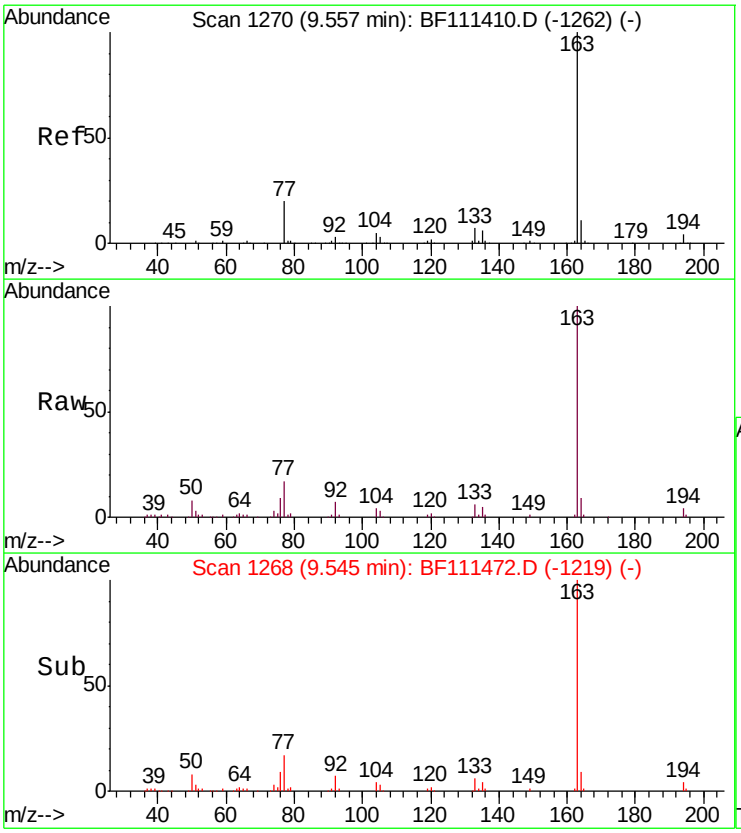
#45
2-Fluorobiphenyl
Concen: 80.051 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:172 Resp: 1356884

Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	23.7	22.3	33.5

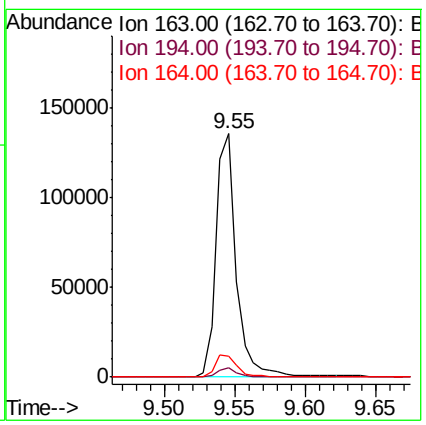


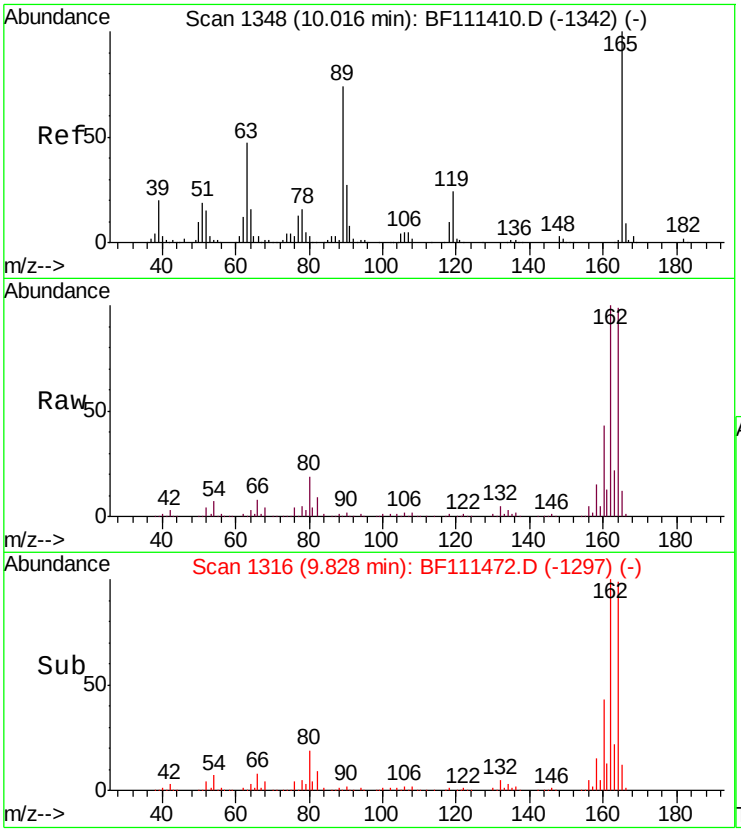


#50
Dimethylphthalate
Concen: 7.184 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:163 Resp: 135469

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	8.8	8.9	13.3#



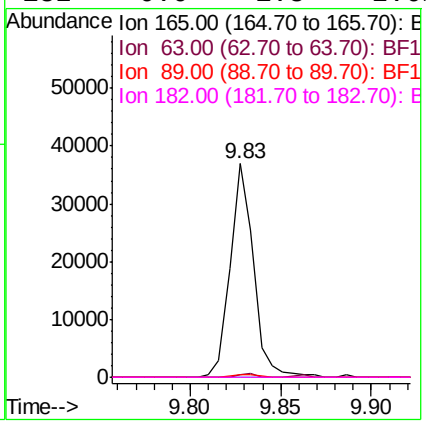


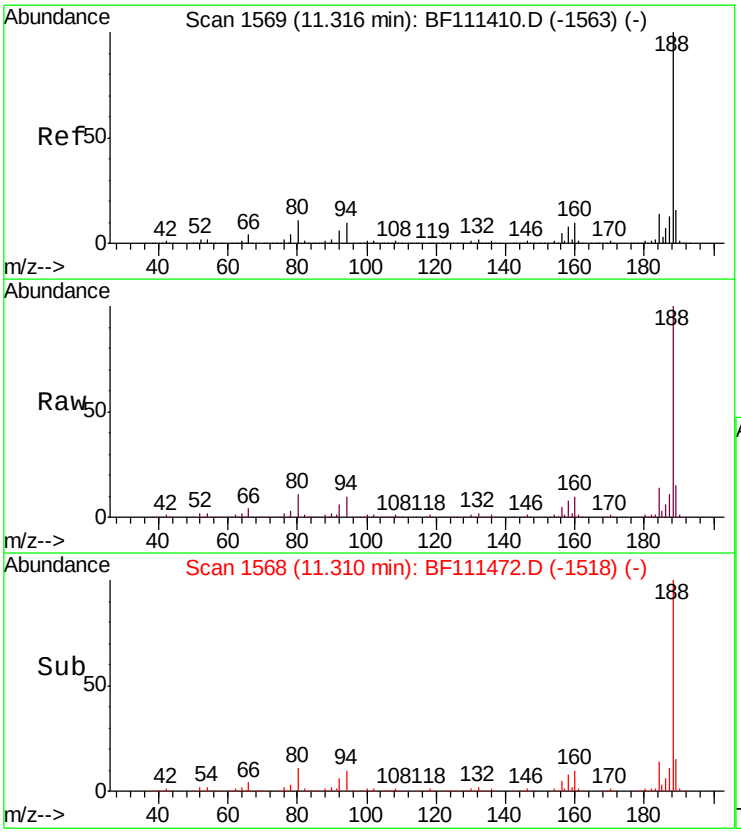
#57
2,4-Dinitrotoluene
Concen: 5.959 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:165 Resp: 33197

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.0	56.2	84.4#
182	0.0	1.8	2.6#

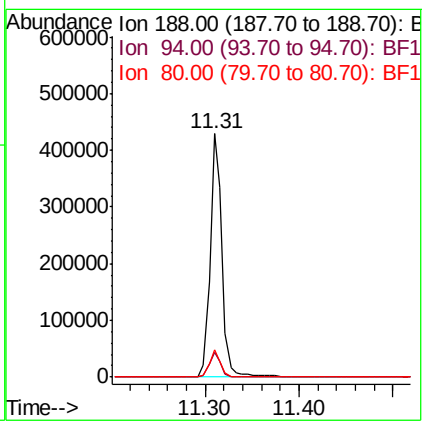


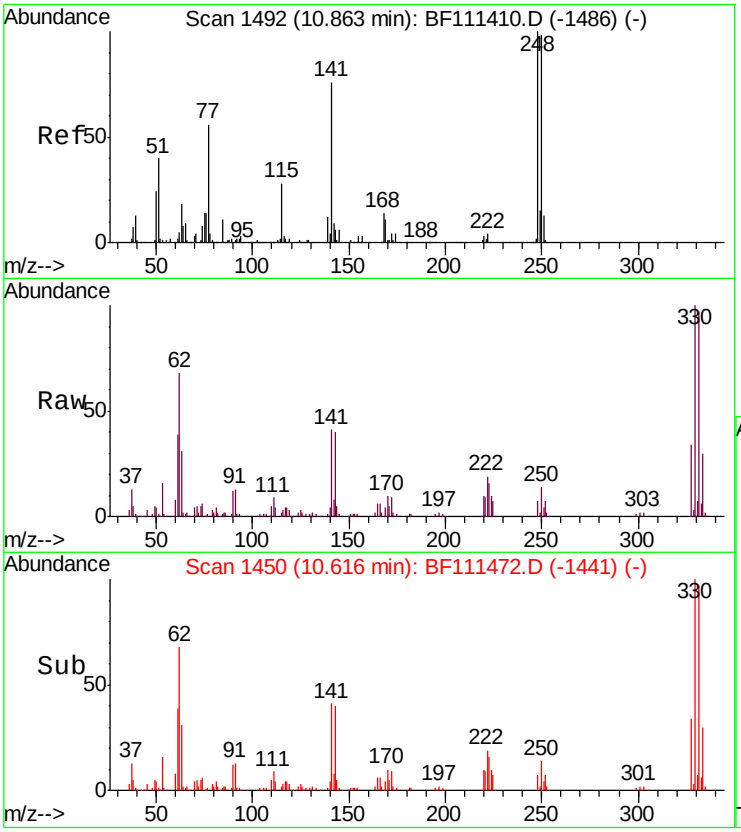


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:188 Resp: 385658

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.6	14.4
80	11.0	9.8	14.6



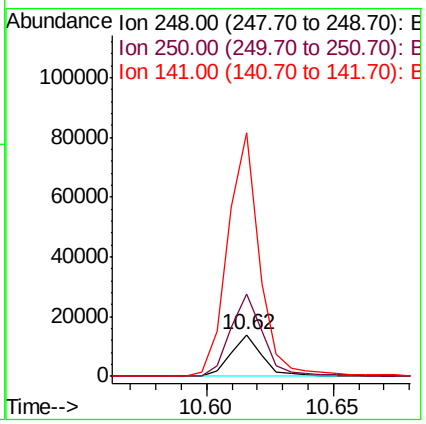


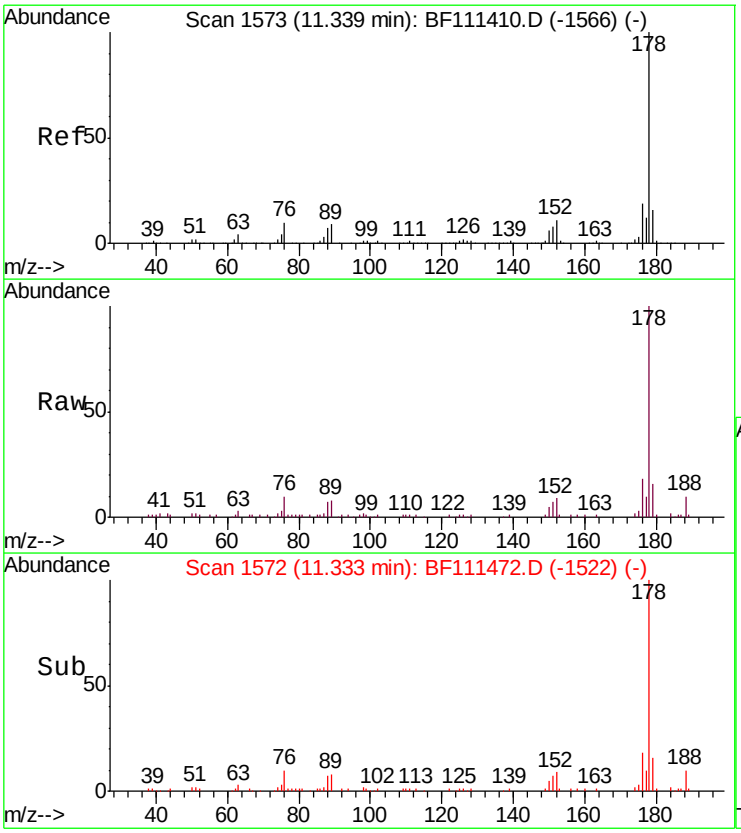
#67
4-Bromophenyl-phenylether
Concen: 2.815 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:248 Resp: 11701

Ion	Ratio	Lower	Upper
248	100		
250	196.9	77.0	115.4#
141	580.0	63.0	94.6#

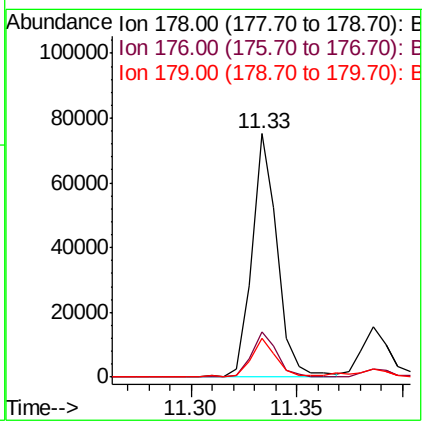


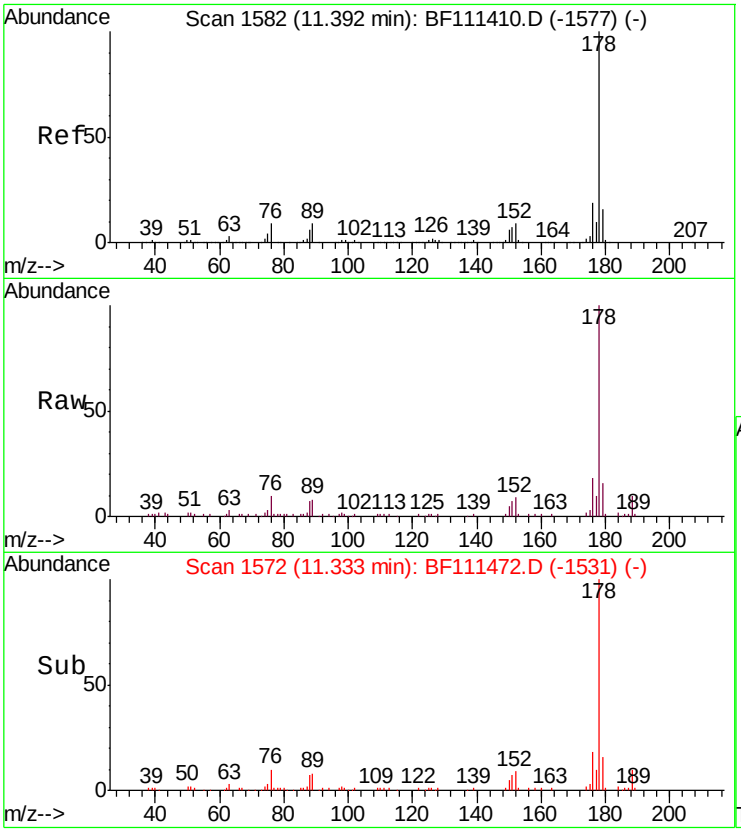


#71
Phenanthrene
Concen: 3.164 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:178 Resp: 62877

Ion	Ratio	Lower	Upper
178	100		
176	18.4	18.1	27.1
179	16.0	14.0	21.0



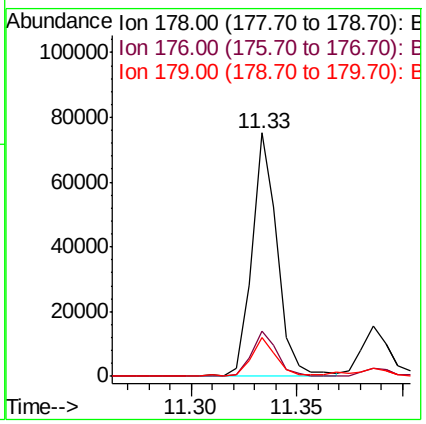


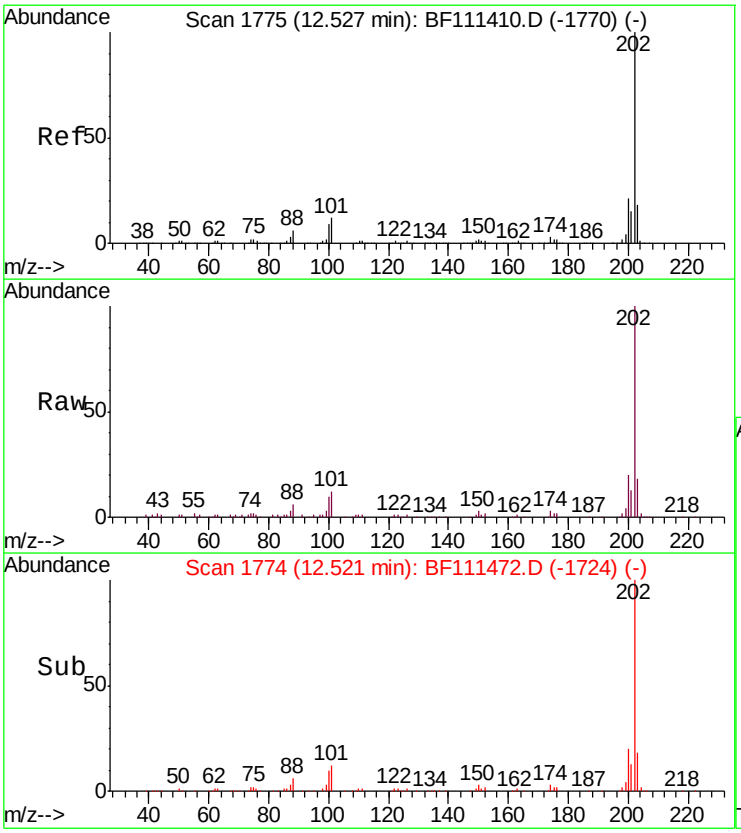
#72
Anthracene
Concen: 3.094 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.06 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:178 Resp: 62877

Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.2	25.8
179	16.0	13.8	20.8

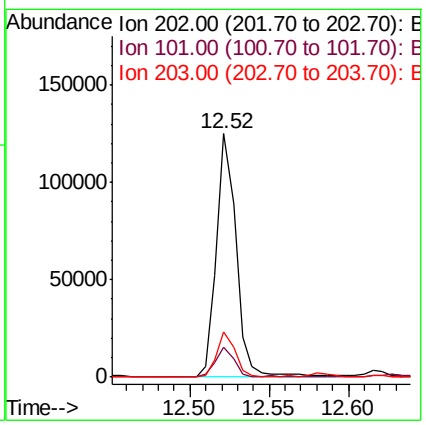


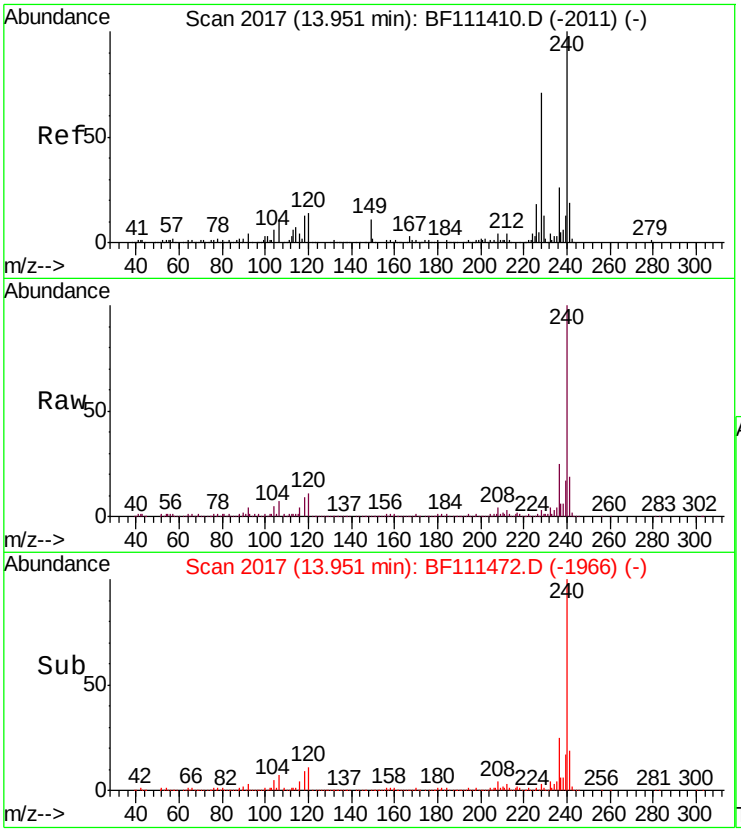


#75
Fluoranthene
Concen: 5.590 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:202 Resp: 108675

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.8
203	18.4	0.0	38.6



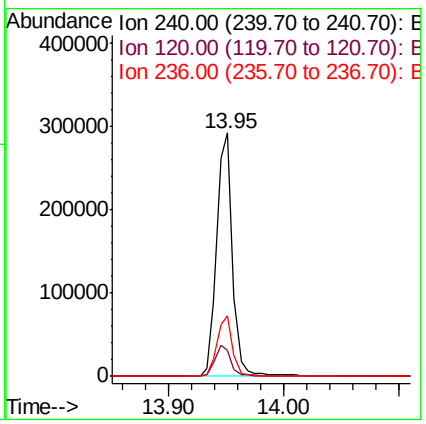


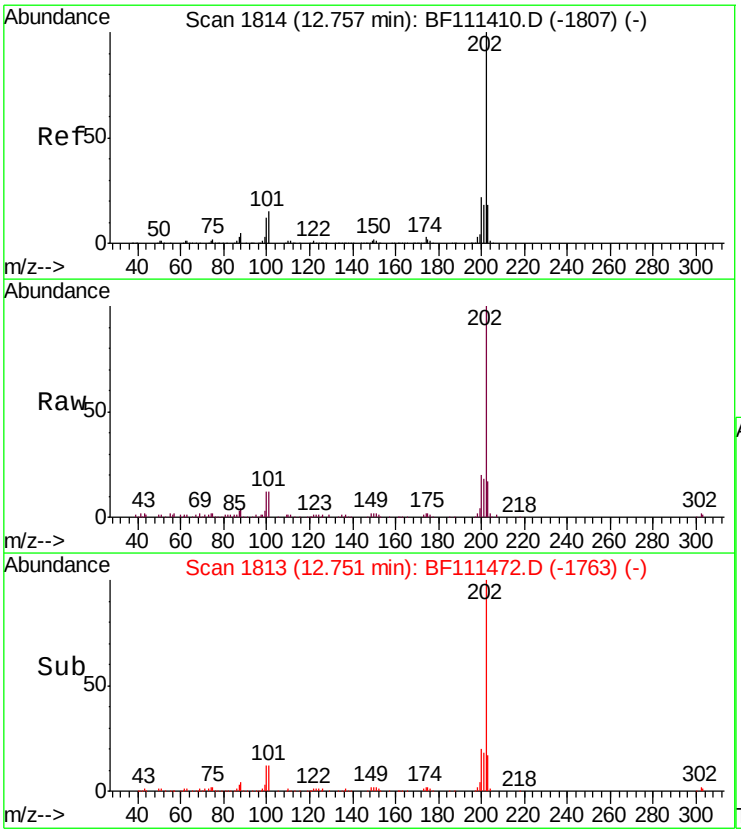
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:240 Resp: 280099

Ion	Ratio	Lower	Upper
240	100		
120	10.7	12.2	18.2#
236	25.0	20.2	30.2

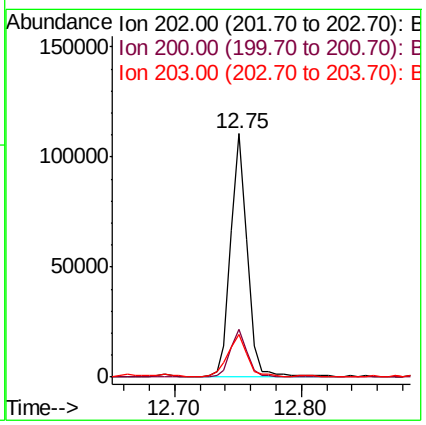


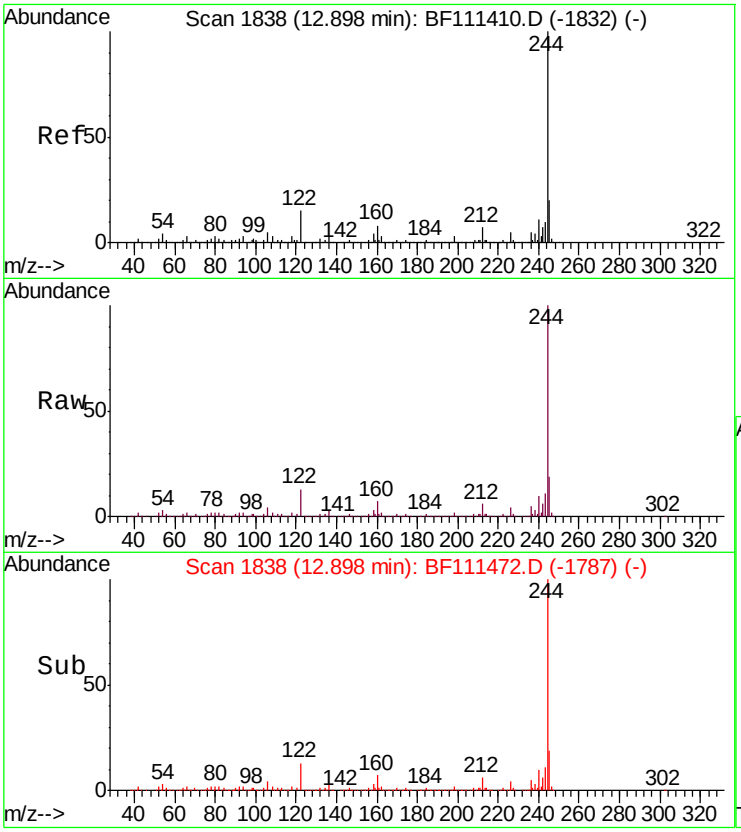


#78
Pyrene
Concen: 5.056 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:202 Resp: 99839

Ion	Ratio	Lower	Upper
202	100		
200	19.7	19.0	28.4
203	17.5	15.2	22.8



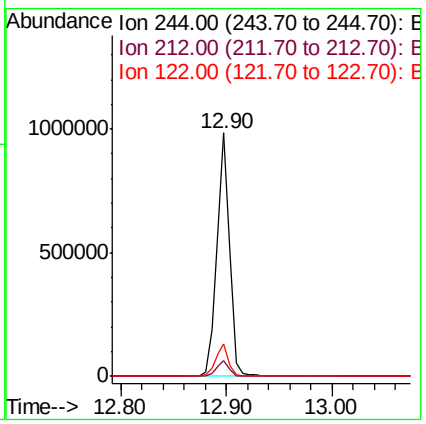


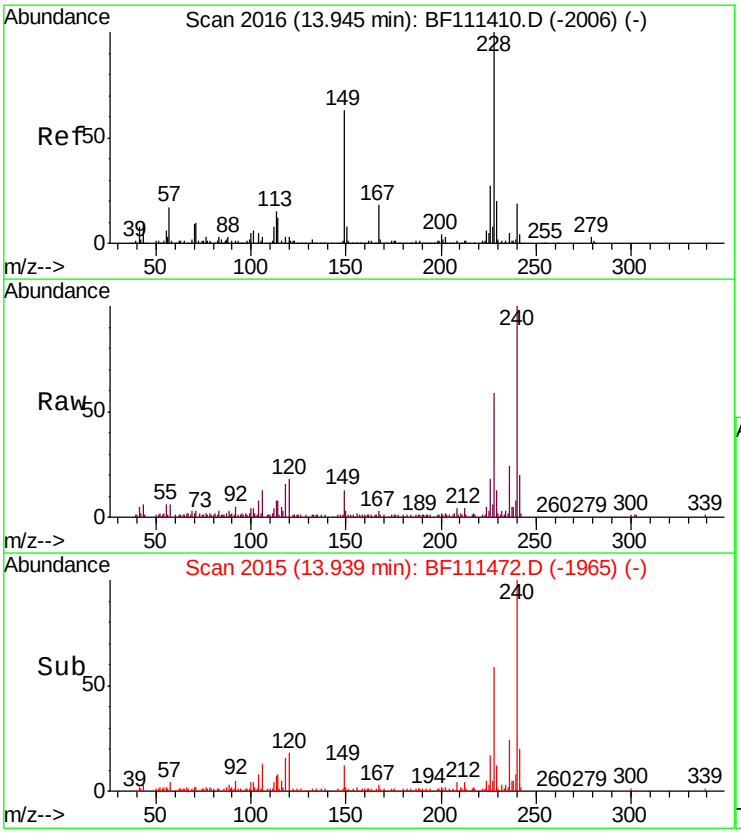
#79
Terphenyl-d14
Concen: 71.767 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:244 Resp: 856045

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	13.1	13.1	19.7#

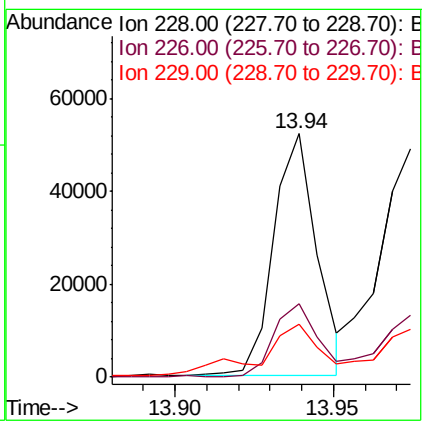


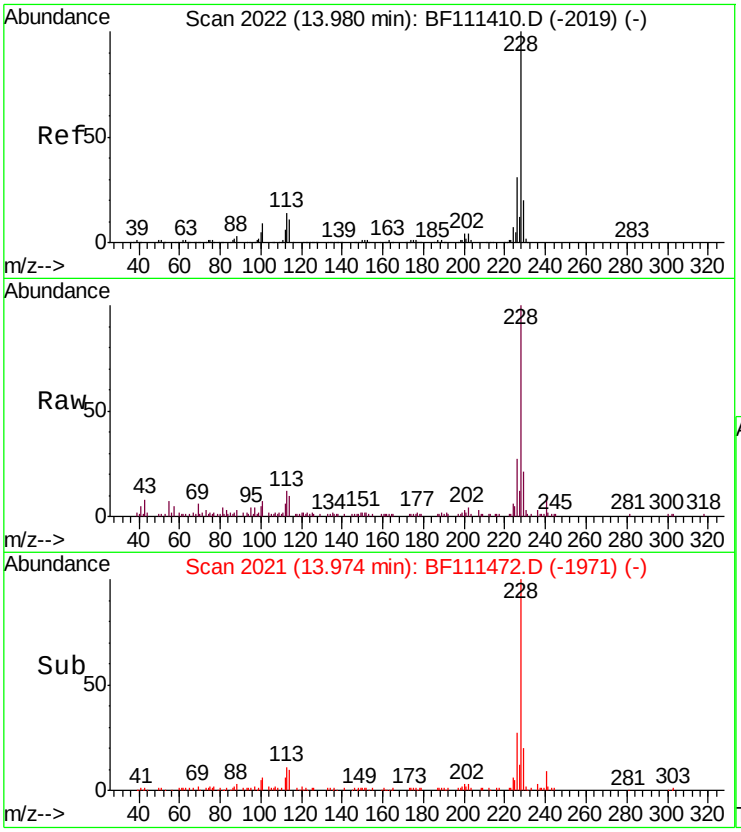


#81
Benzo(a)anthracene
Concen: 3.259 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:228 Resp: 49640

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	34.0
229	21.6	16.3	24.5



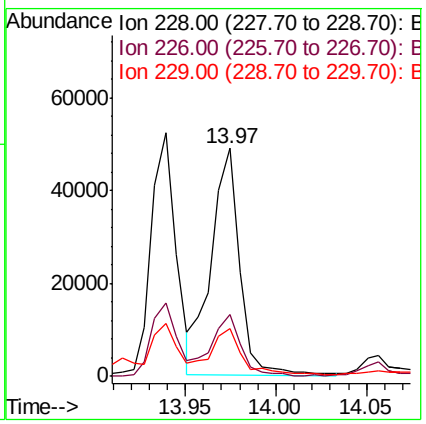


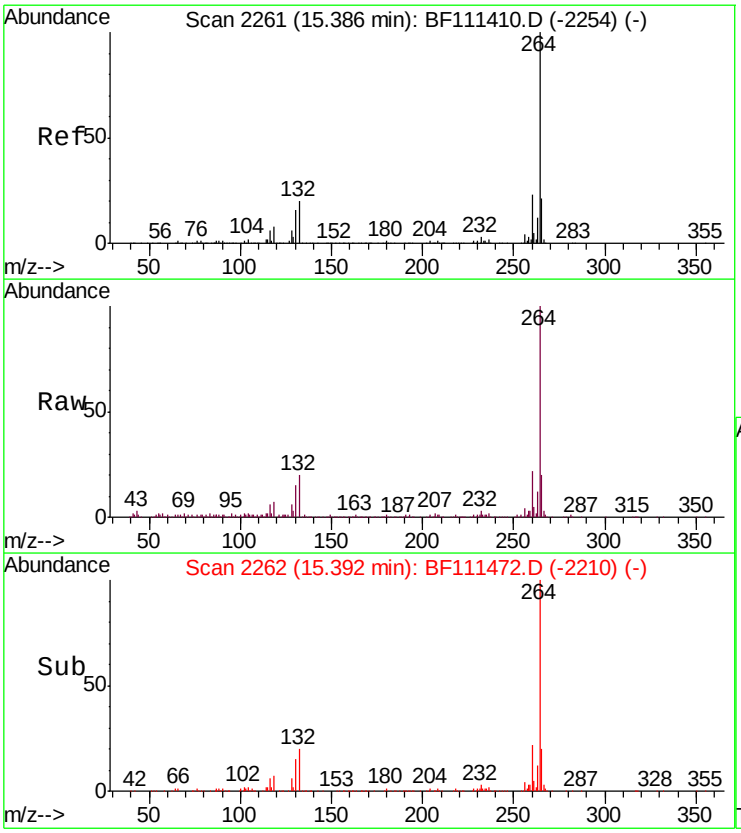
#83
Chrysene
Concen: 3.390 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:228 Resp: 54393

Ion	Ratio	Lower	Upper
228	100		
226	27.0	25.3	37.9
229	20.9	17.2	25.8

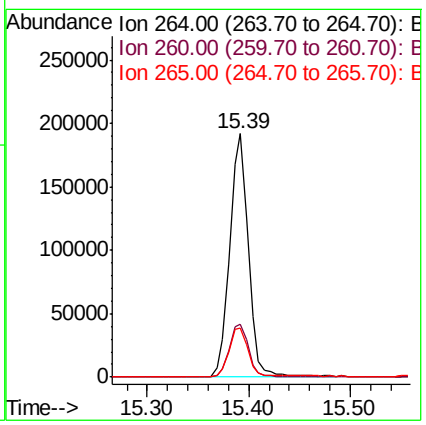


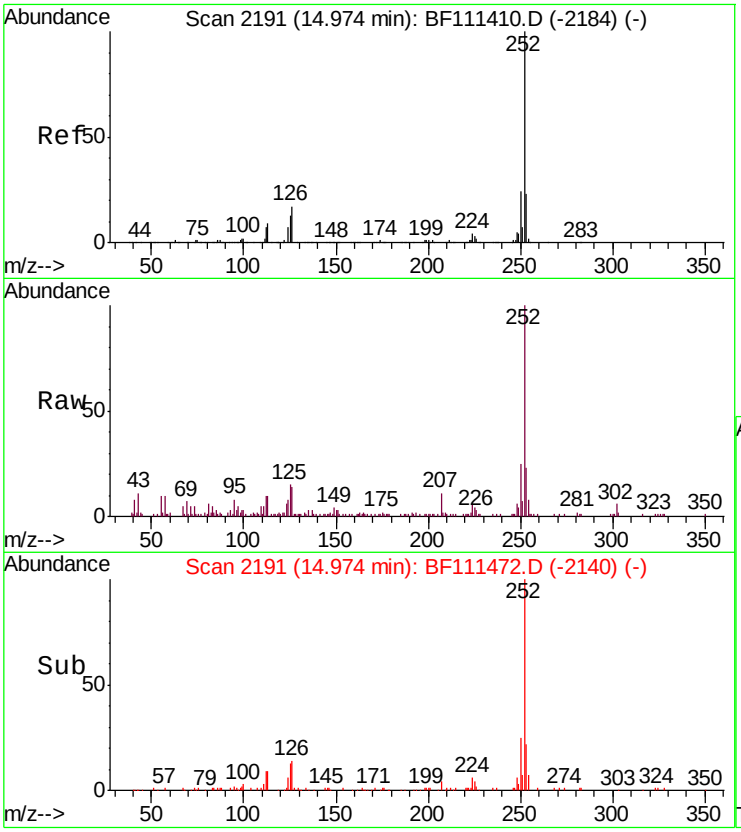


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:264 Resp: 245285

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.3	27.5
265	20.2	17.7	26.5



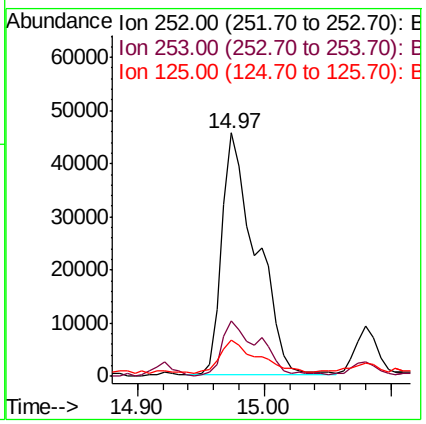


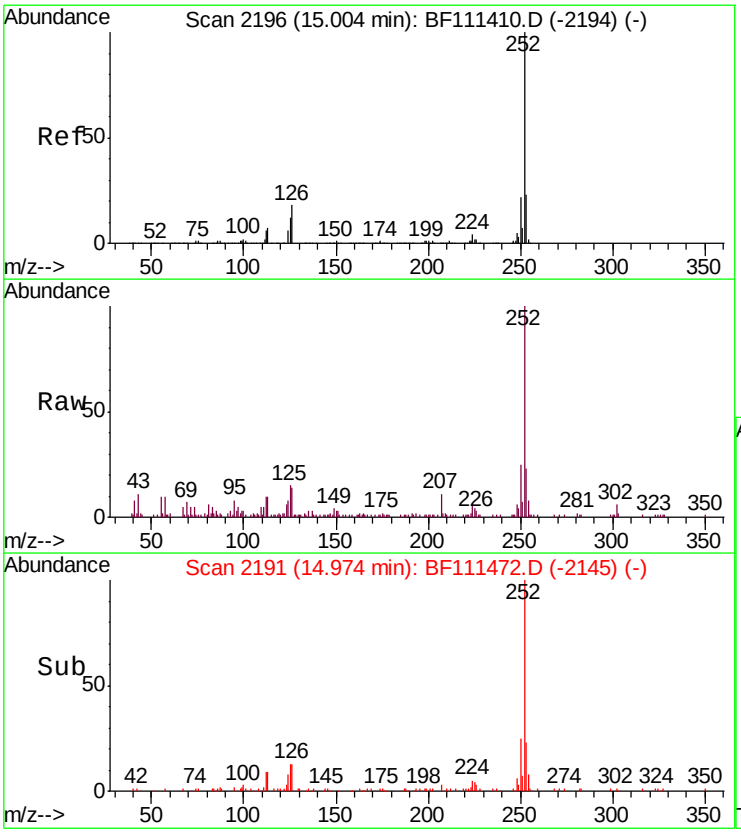
#88
Benzo(b)fluoranthene
Concen: 6.008 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:252 Resp: 85918

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	15.0	10.4	15.6

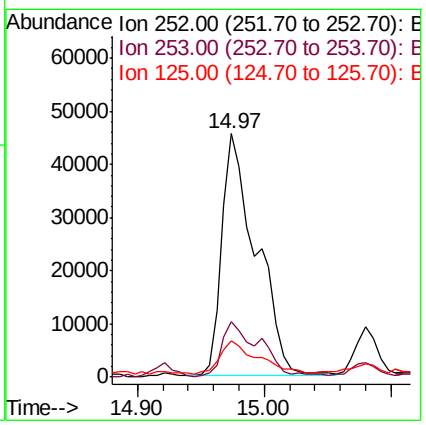


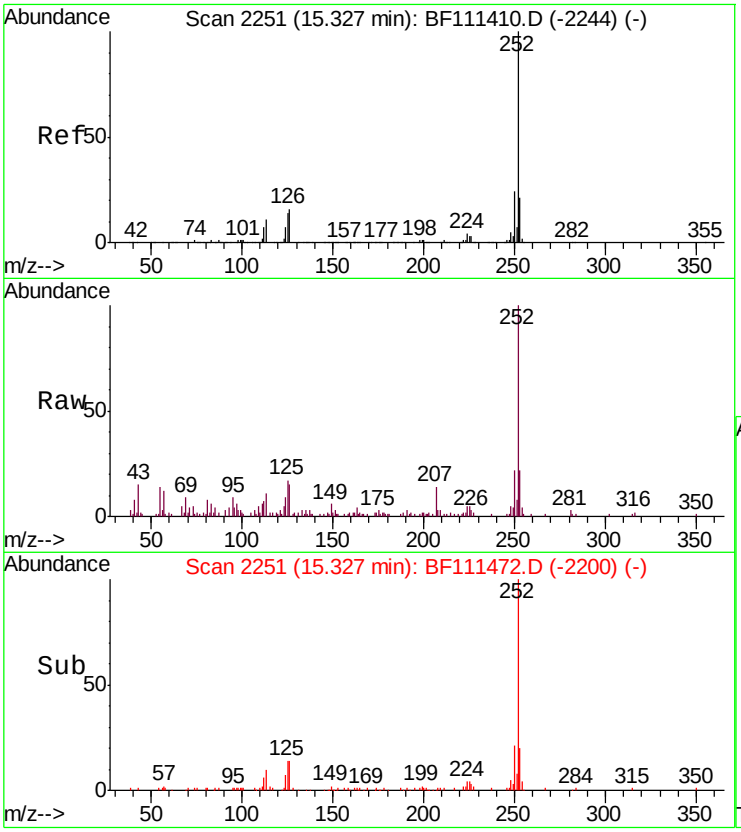


#89
Benzo(k)fluoranthene
Concen: 6.288 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:252 Resp: 85918

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.0	9.8	14.8#



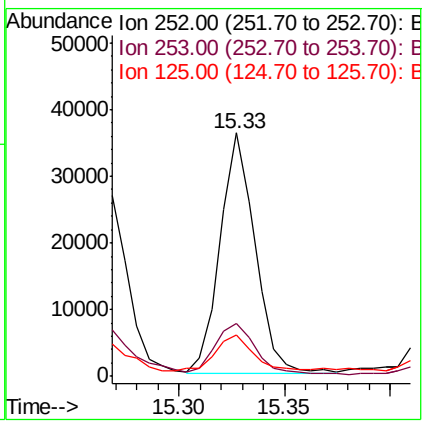


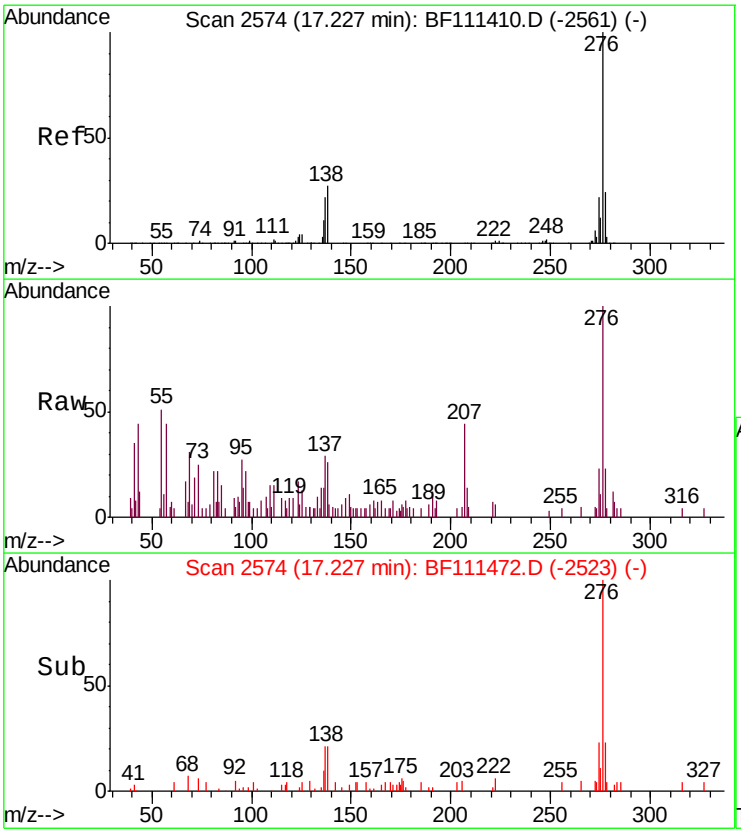
#90
Benzo(a)pyrene
Concen: 3.237 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:252 Resp: 41745

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	16.8	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 2.008 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:276 Resp: 20054

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	25.7	24.9	37.3