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

Quantitation Report (Not Reviewed)

Data File : BF111475.D
Acq On : 15 Dec 2018 18:16
Operator : JU/SJ
Sample : J6199-07RE 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-B

Quant Time: Dec 16 00:47:02 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	182635	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	724289	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	307994	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	560366	20.00	ng		0.00
76) Chrysene-d12	13.95	240	491206	20.00	ng		0.00
87) Perylene-d12	15.39	264	347733	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	233235	21.25	ng		0.00
7) Phenol-d6	6.43	99	311946	21.37	ng		-0.01
23) Nitrobenzene-d5	7.35	82	177636	14.60	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	55372	20.07	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	351519	17.63	ng		0.00
79) Terphenyl-d14	12.90	244	317812	15.19	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	22090	2.293	ng	#	86
25) Isophorone	7.35	82	175007	8.504	ng	#	64
51) 2,6-Dinitrotoluene	9.83	165	41504	8.313	ng	#	30
71) Phenanthrene	11.33	178	356712	12.354	ng		93
72) Anthracene	11.39	178	87888	2.976	ng		94
75) Fluoranthene	12.53	202	521408	18.458	ng		97
78) Pyrene	12.76	202	518991	14.986	ng		95
81) Benzo(a)anthracene	13.94	228	248016	9.286	ng		99
83) Chrysene	13.97	228	233126	8.286	ng		98
86) Indeno(1,2,3-cd)pyrene	16.81	276	70314	3.463	ng	#	91
88) Benzo(b)fluoranthene	14.98	252	274888	13.559	ng	#	95
89) Benzo(k)fluoranthene	14.98	252	274888	14.190	ng	#	95
90) Benzo(a)pyrene	15.33	252	148304	8.112	ng		97
92) Benzo(g,h,i)perylene	17.23	276	66365	4.688	ng		98

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

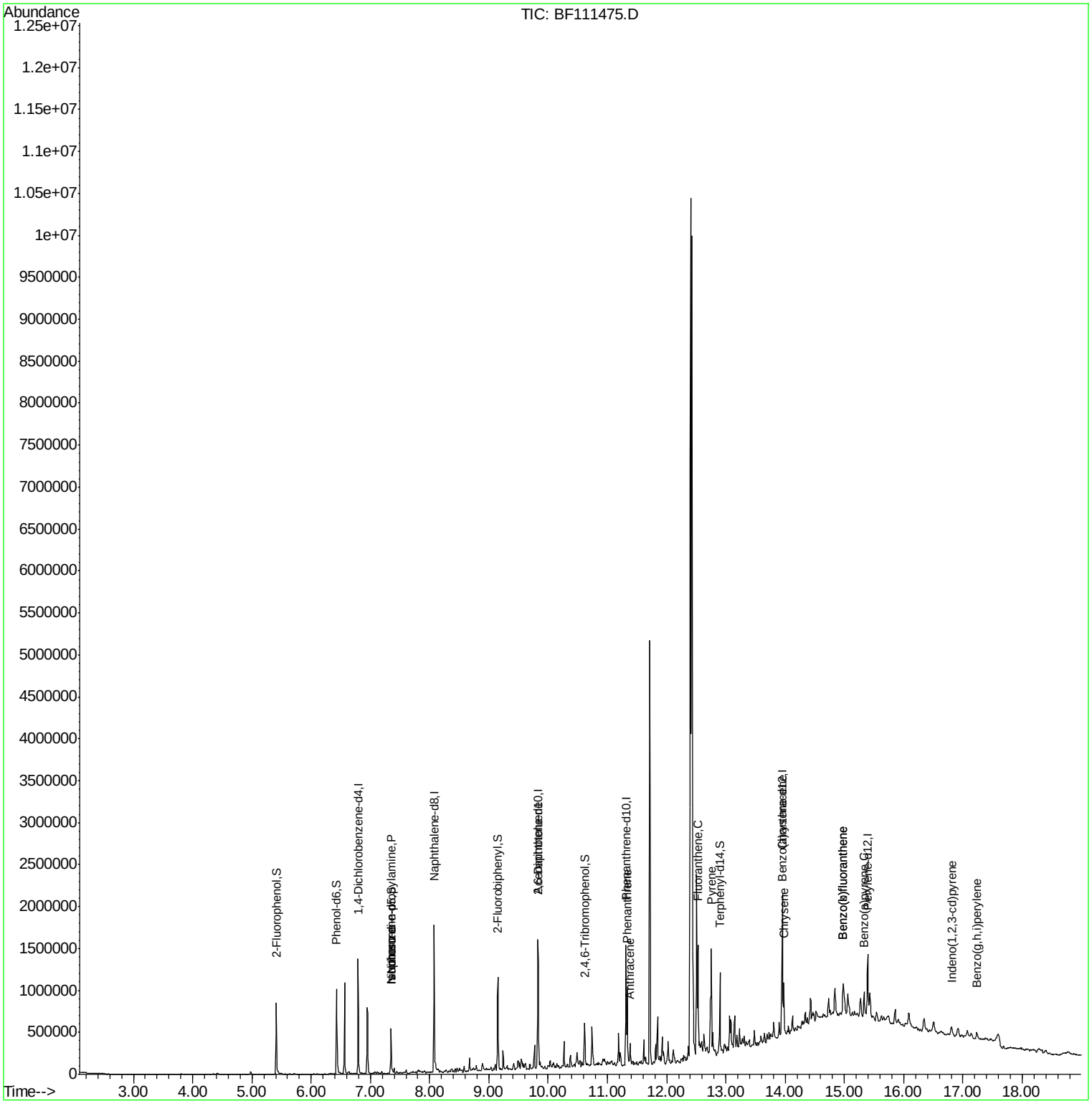
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

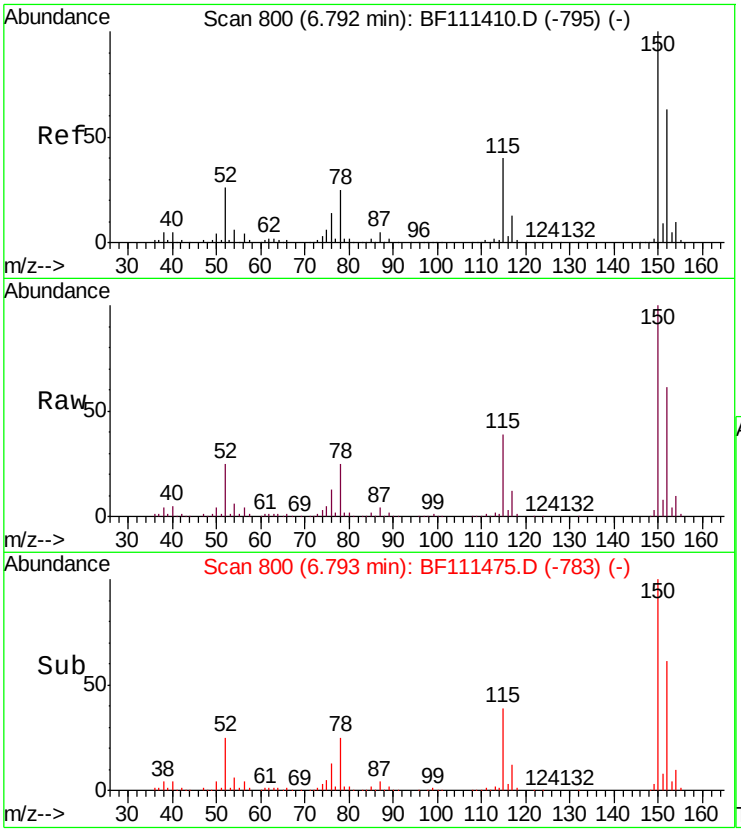
Quantitation Report (Not Reviewed)

Data File : BF111475.D
Acq On : 15 Dec 2018 18:16
Operator : JU/SJ
Sample : J6199-07RE 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Quant Time: Dec 16 00:47:02 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



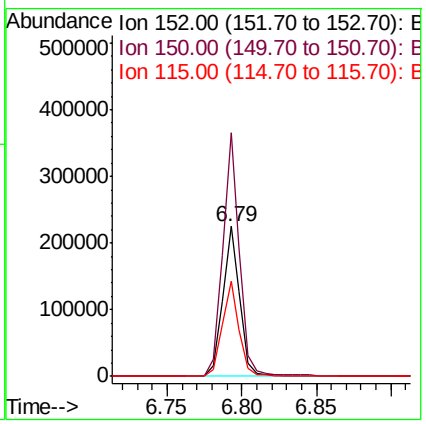


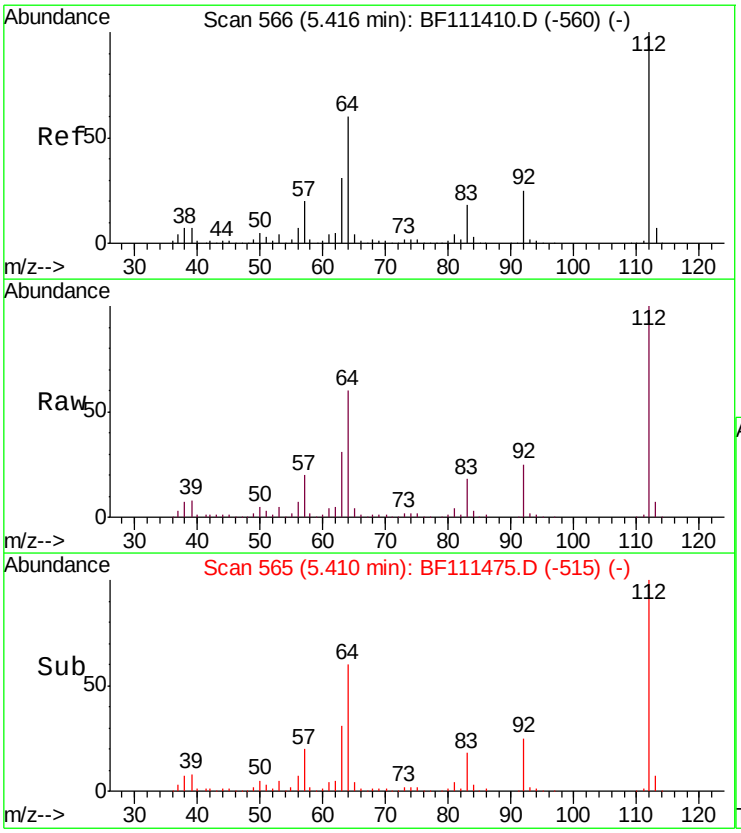
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:152 Resp: 182635

Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.6	189.8
115	63.3	50.7	76.1

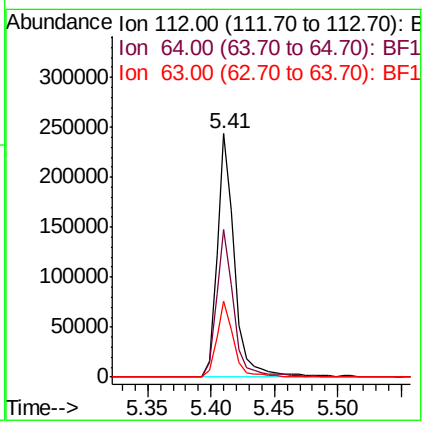


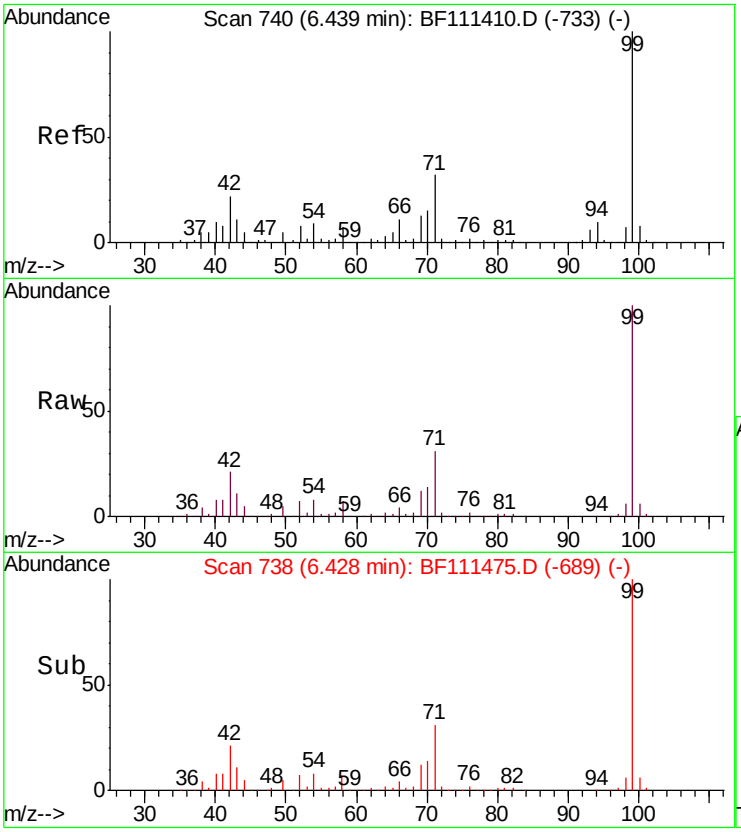


#5
2-Fluorophenol
Concen: 21.251 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:112 Resp: 233235

Ion	Ratio	Lower	Upper
112	100		
64	60.5	51.8	77.6
63	31.0	26.8	40.2



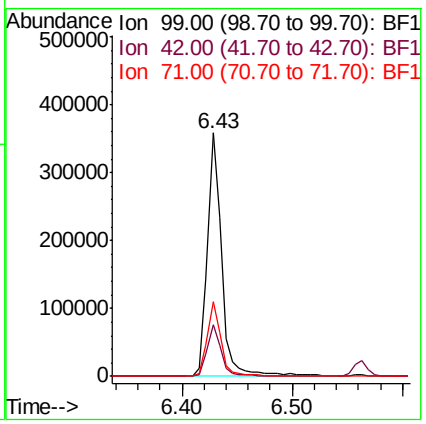


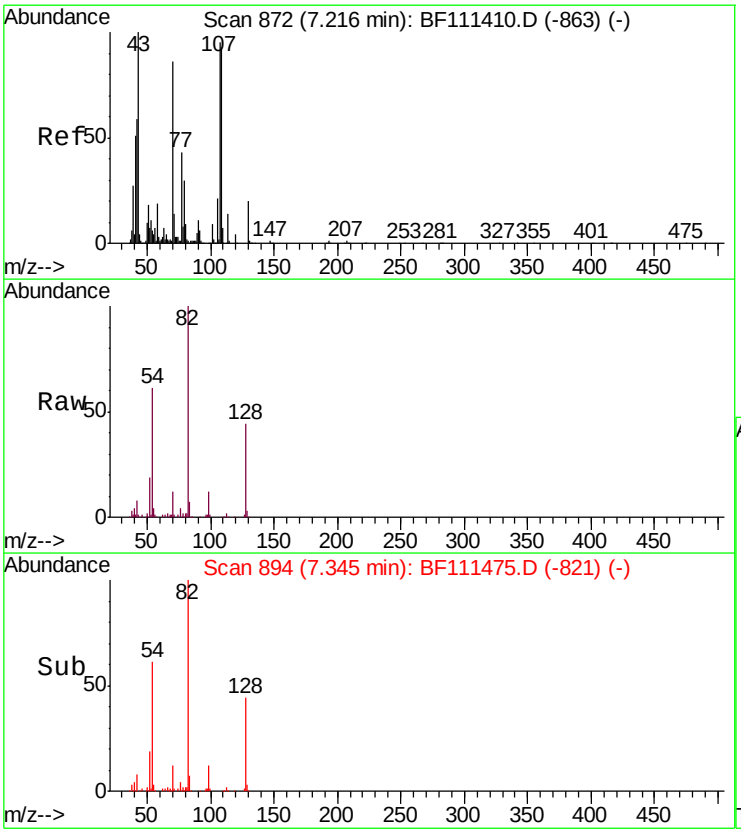
#7
Phenol-d6
Concen: 21.368 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion: 99 Resp: 311946

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.4	26.0
71	30.8	26.1	39.1

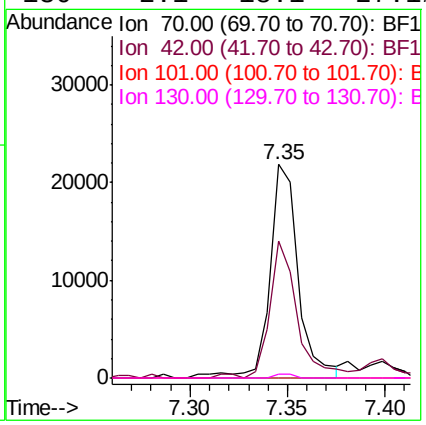


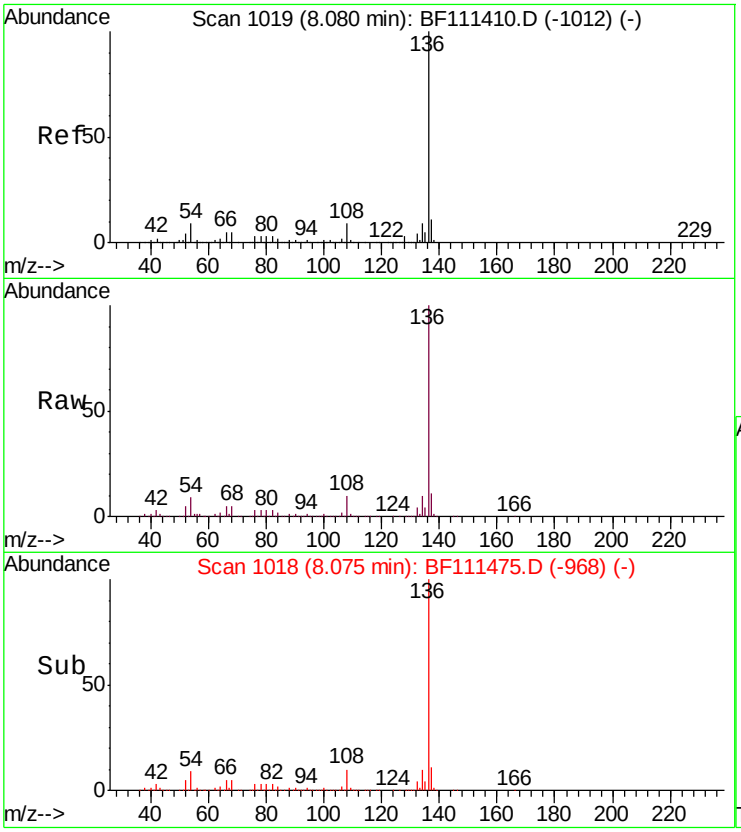


#19
n-Nitroso-di-n-propylamine
Concen: 2.293 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.13 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion: 70 Resp: 22090

Ion	Ratio	Lower	Upper
70	100		
42	64.3	53.2	79.8
101	0.0	8.2	12.4#
130	2.1	18.1	27.1#



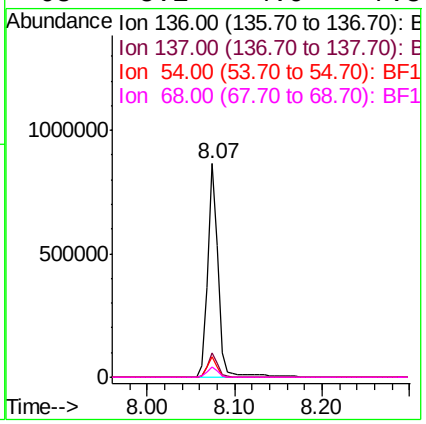


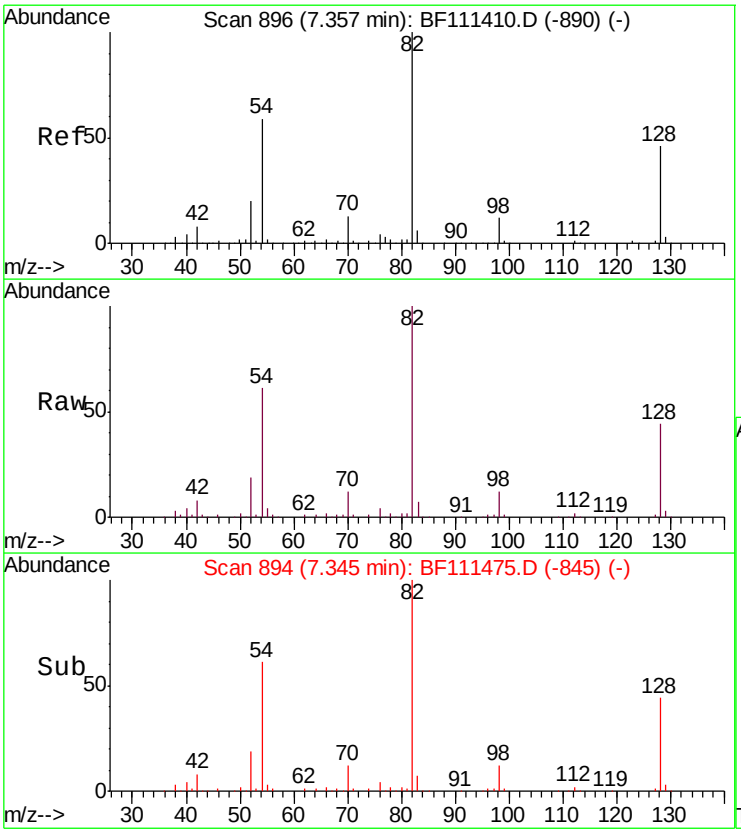
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:136 Resp: 724289

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.4	7.7	11.5
68	5.1	4.9	7.3

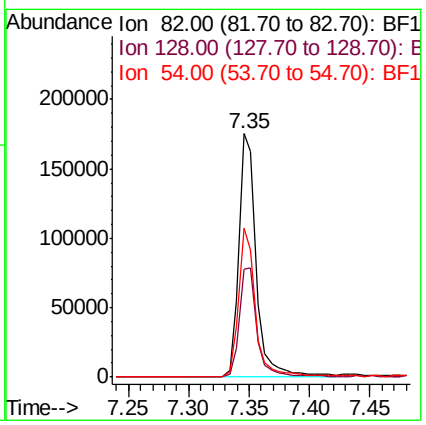


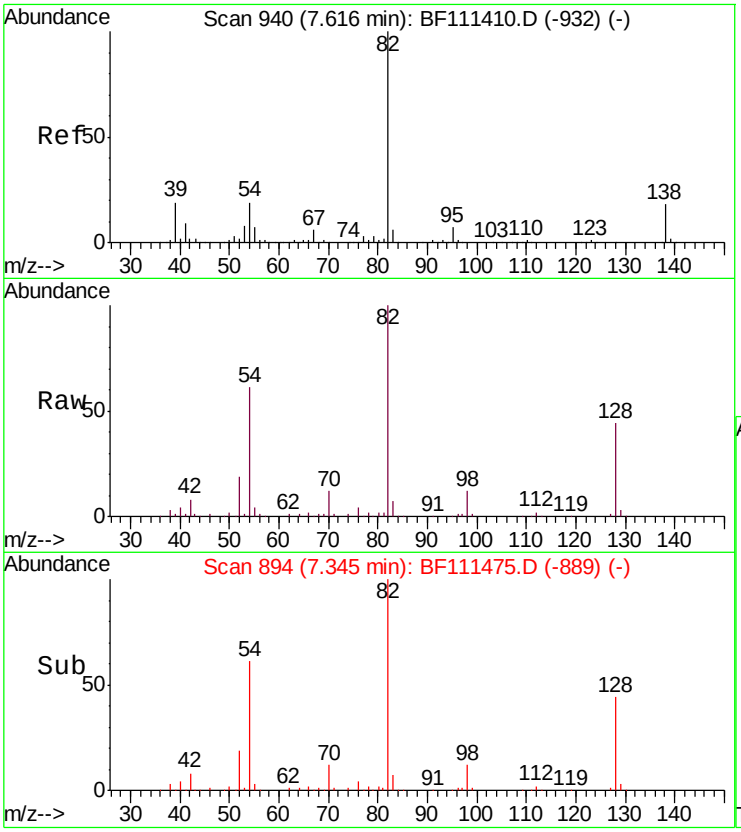


#23
Nitrobenzene-d5
Concen: 14.605 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion: 82 Resp: 177636

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.4	56.2
54	61.2	47.6	71.4



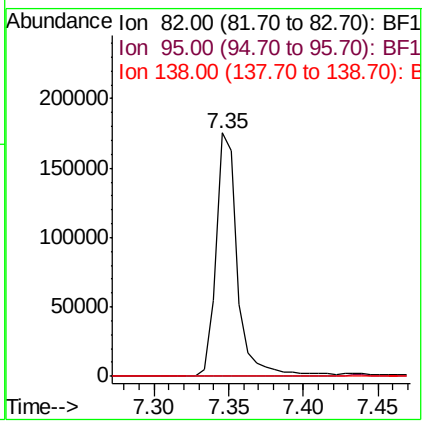


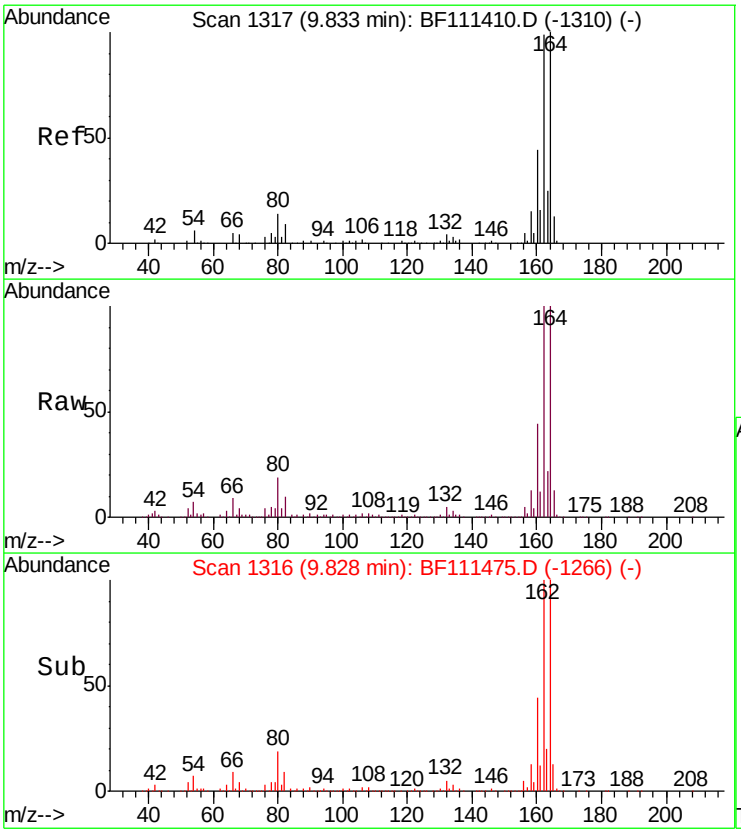
#25
Isophorone
Concen: 8.504 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion: 82 Resp: 175007

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.4	8.2#
138	0.0	15.1	22.7#

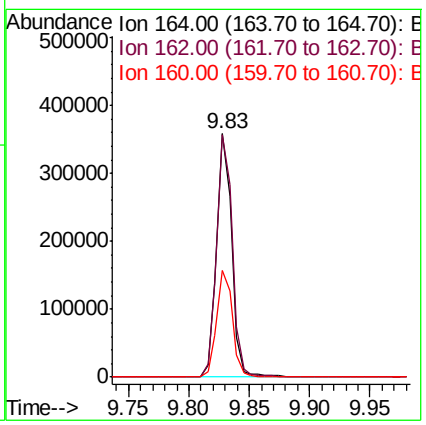


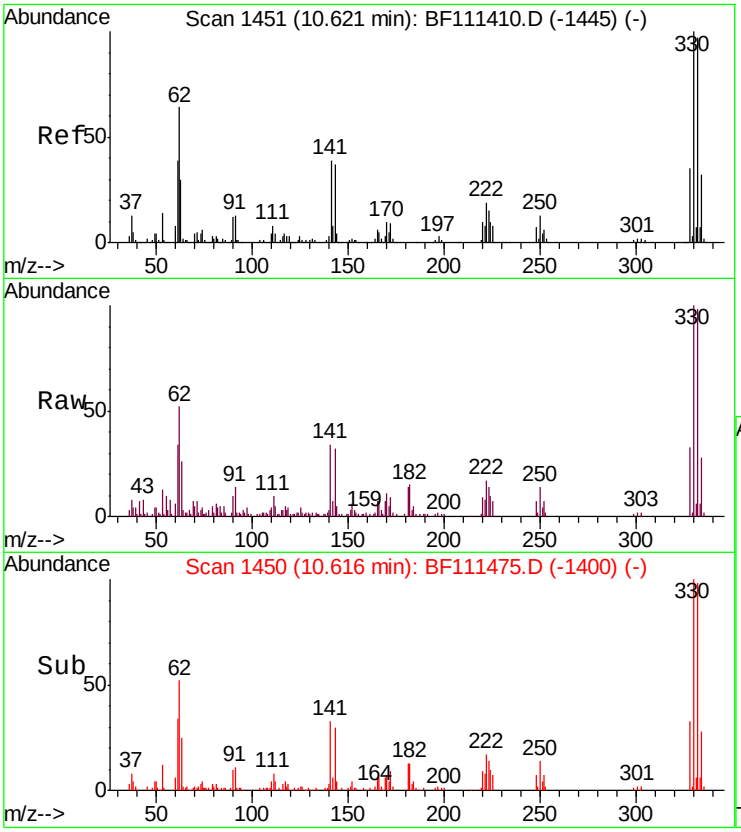


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:164 Resp: 307994

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.4	122.0
160	43.8	35.7	53.5



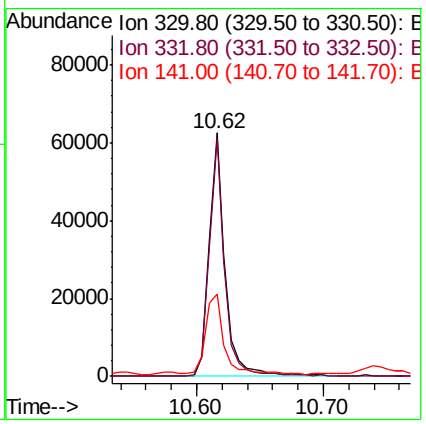


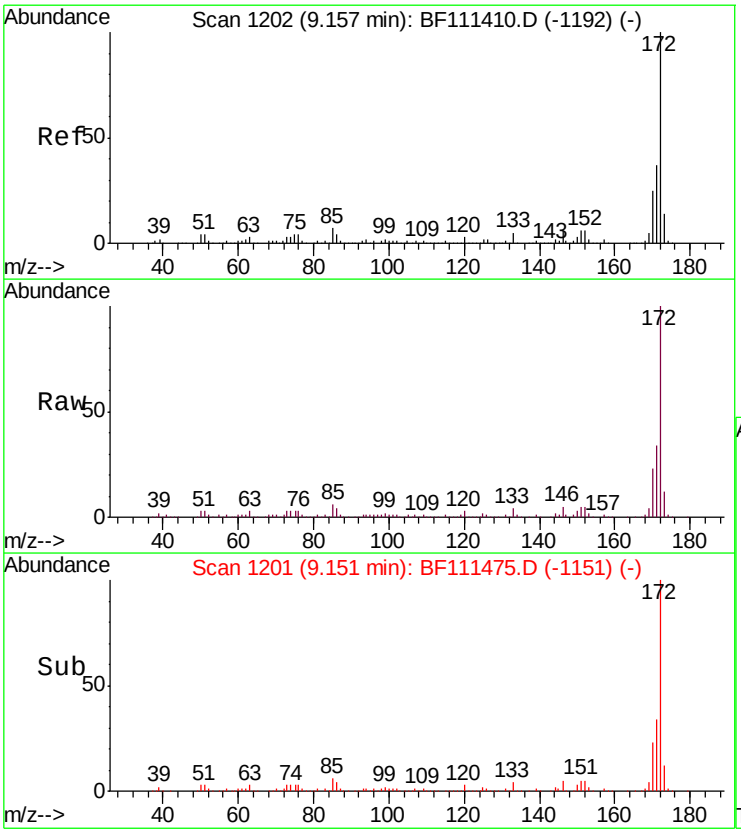
#42
2,4,6-Tribromophenol
Concen: 20.070 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:330 Resp: 55372

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.0	114.0
141	37.7	31.0	46.6

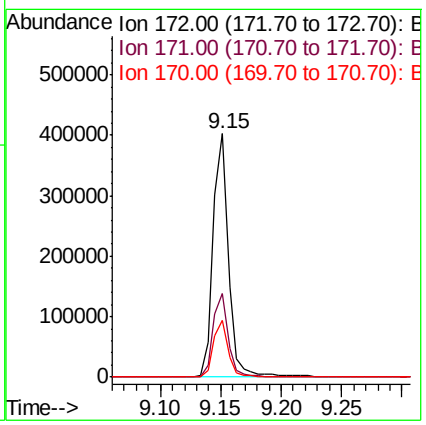


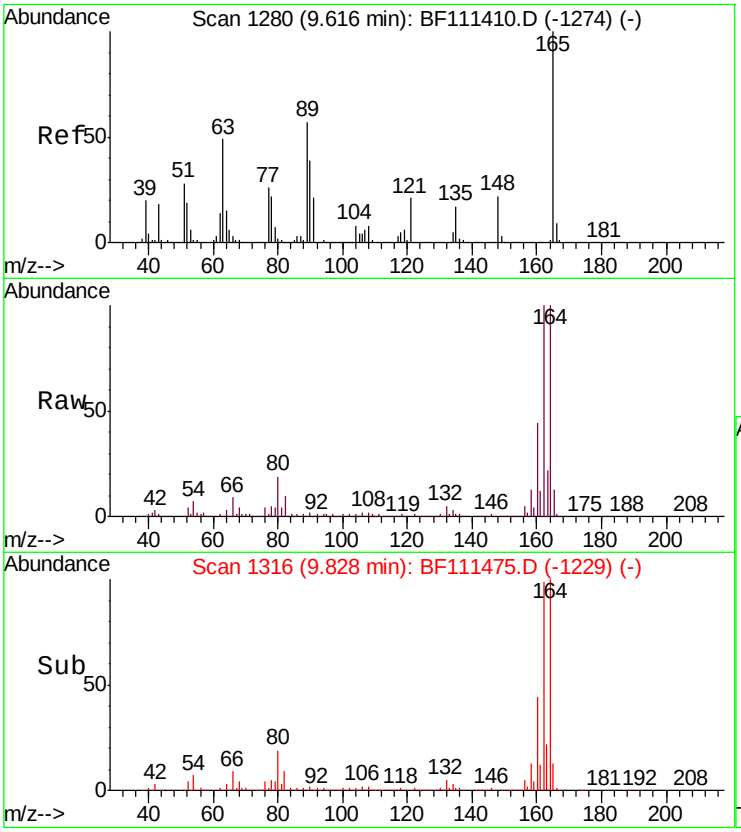


#45
2-Fluorobiphenyl
Concen: 17.629 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:172 Resp: 351519

Ion	Ratio	Lower	Upper
172	100		
171	34.4	33.0	49.4
170	23.2	22.3	33.5



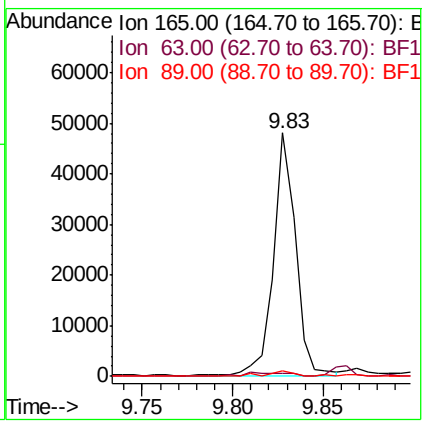


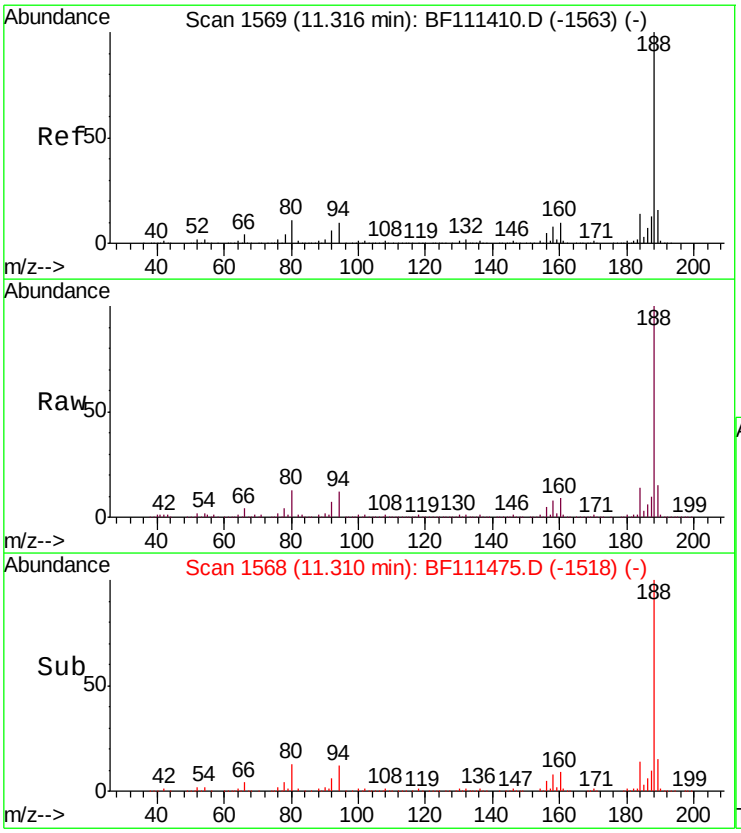
#51
2,6-Dinitrotoluene
Concen: 8.313 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:165 Resp: 41504

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	2.2	40.0	60.0#

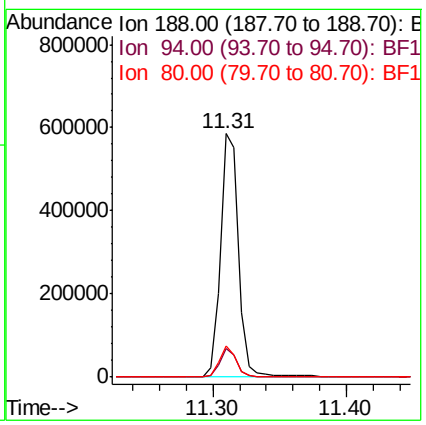


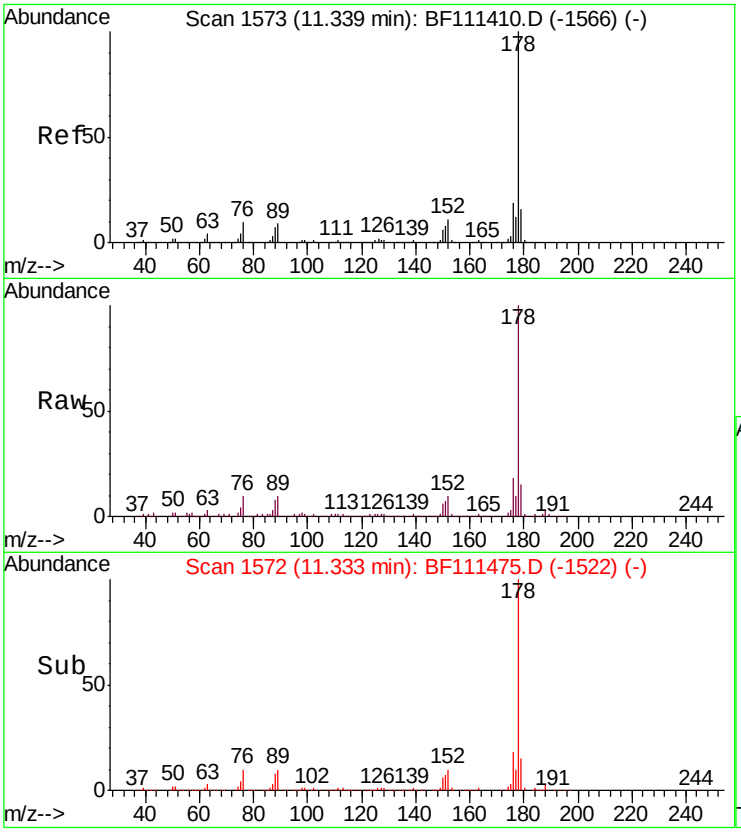


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:188 Resp: 560366

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.6	14.4
80	12.7	9.8	14.6



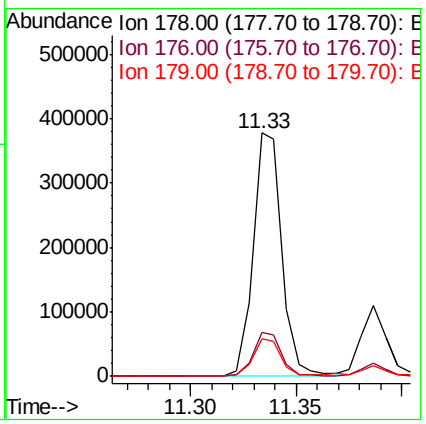


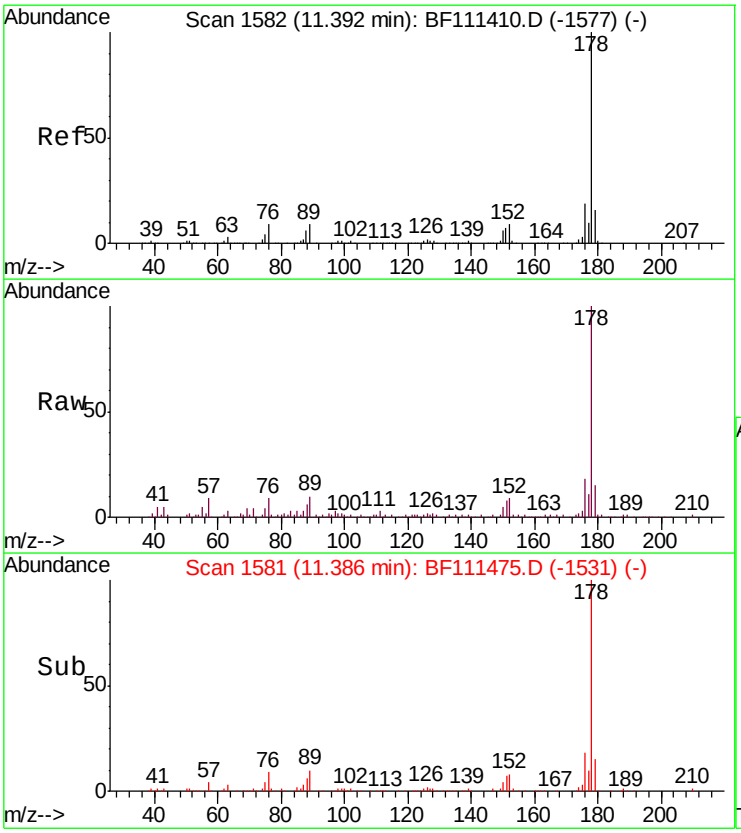
#71
Phenanthrene
Concen: 12.354 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:178 Resp: 356712

Ion	Ratio	Lower	Upper
178	100		
176	18.2	18.1	27.1
179	15.3	14.0	21.0

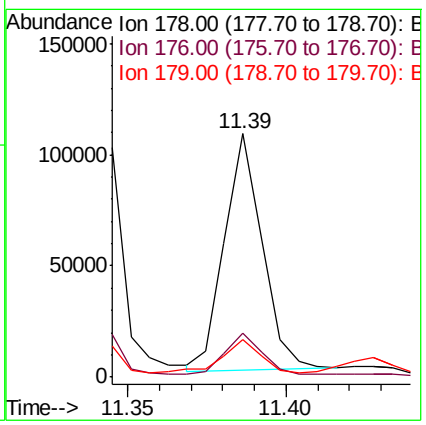


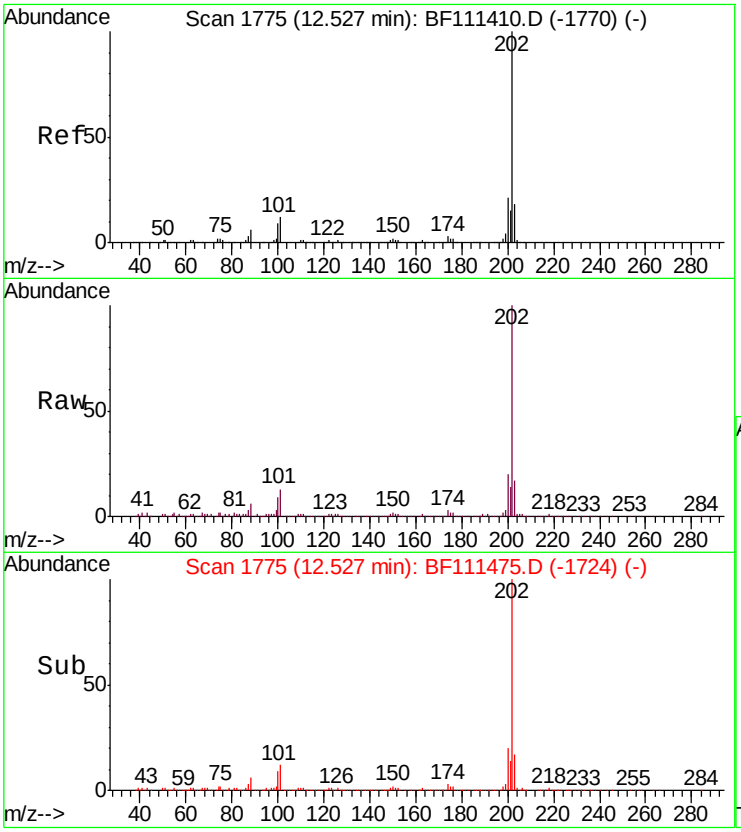


#72
Anthracene
Concen: 2.976 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:178 Resp: 87888

Ion	Ratio	Lower	Upper
178	100		
176	17.9	17.2	25.8
179	15.3	13.8	20.8



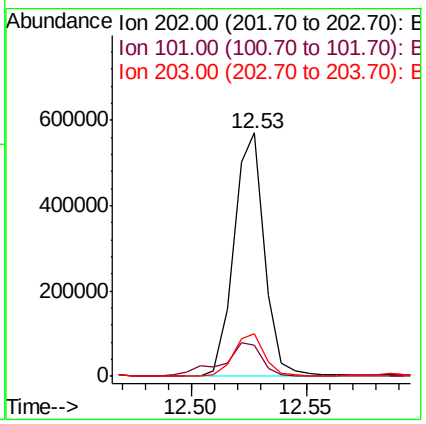


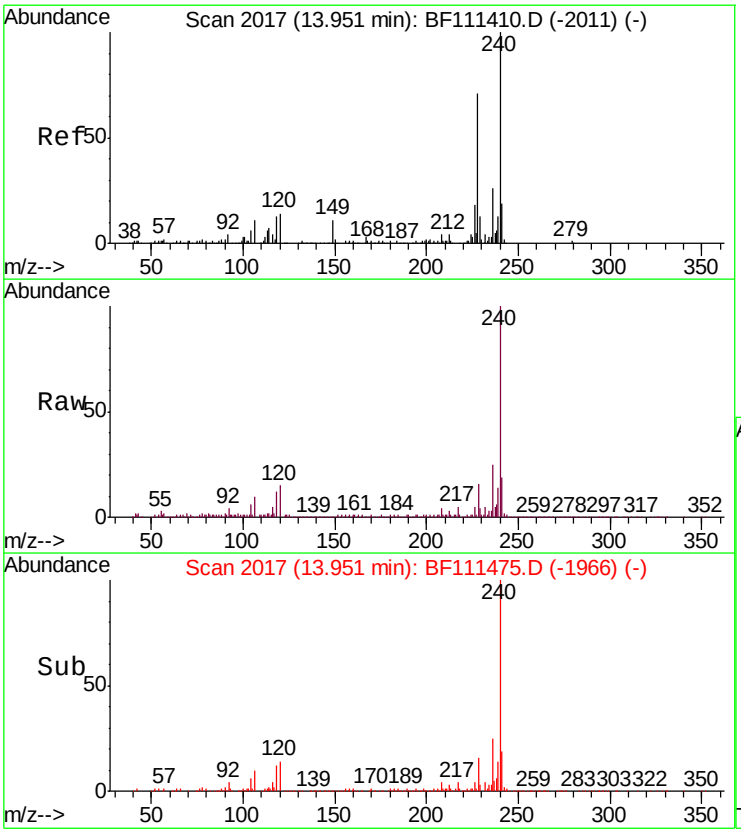
#75
Fluoranthene
Concen: 18.458 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:202 Resp: 521408

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.8
203	17.4	0.0	38.6

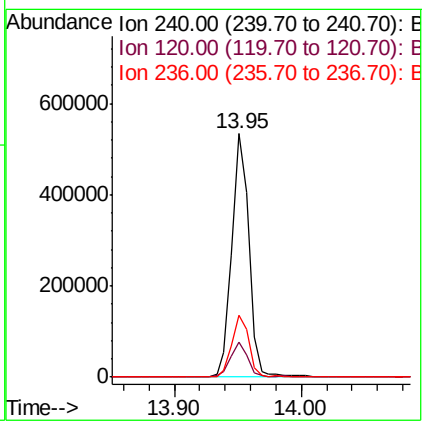


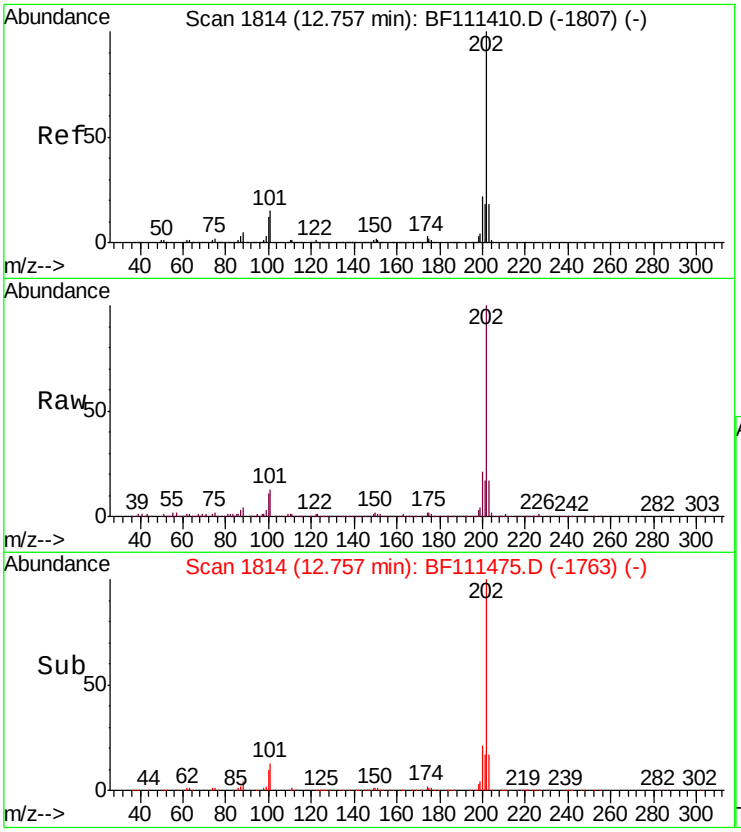


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:240 Resp: 491206

Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.2	18.2
236	25.5	20.2	30.2



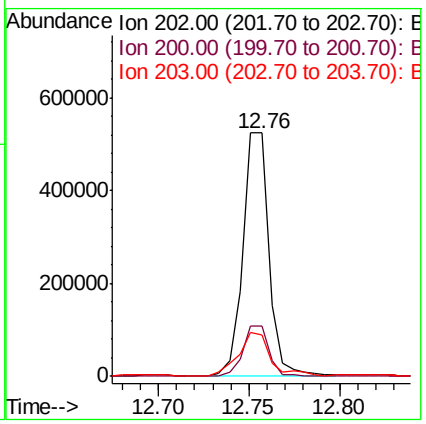


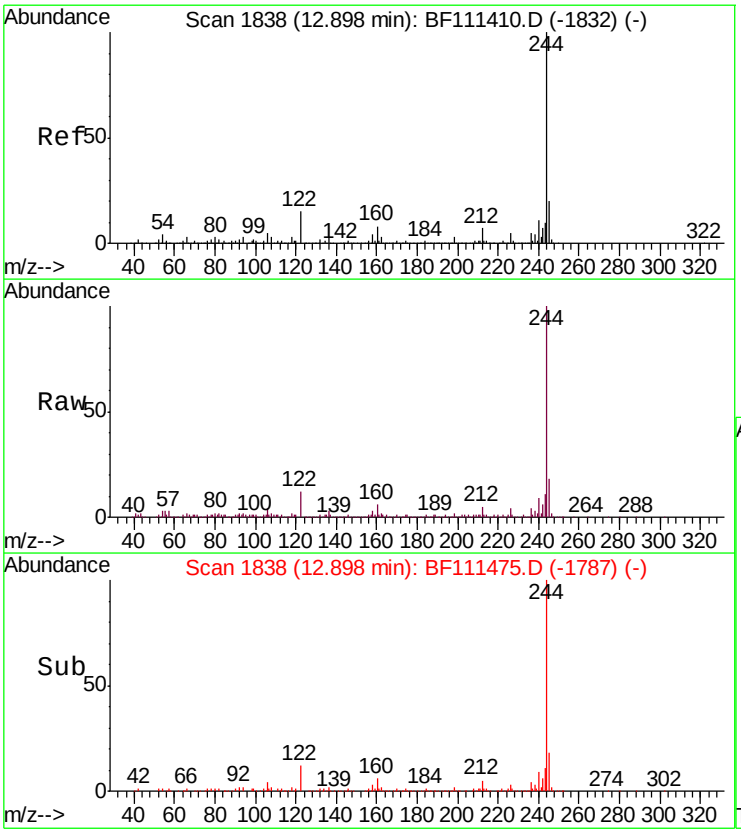
#78
Pyrene
Concen: 14.986 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:202 Resp: 518991

Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.4
203	17.2	15.2	22.8

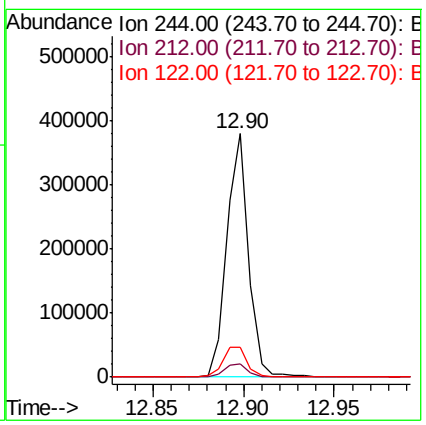


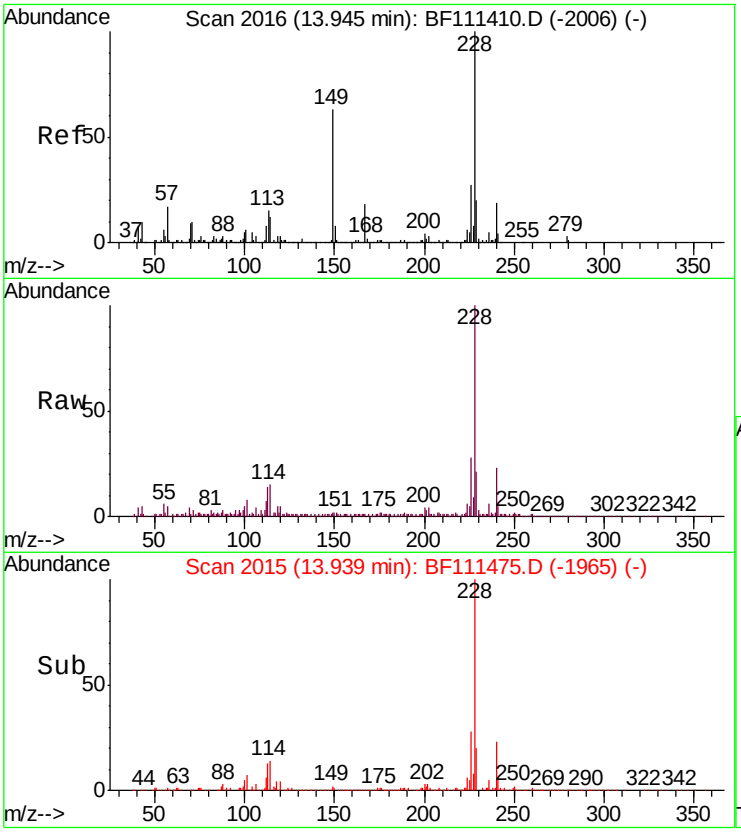


#79
Terphenyl-d14
Concen: 15.193 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:244 Resp: 317812

Ion	Ratio	Lower	Upper
244	100		
212	5.5	5.7	8.5#
122	12.0	13.1	19.7#



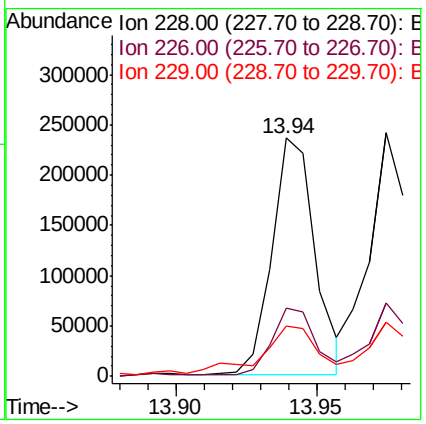


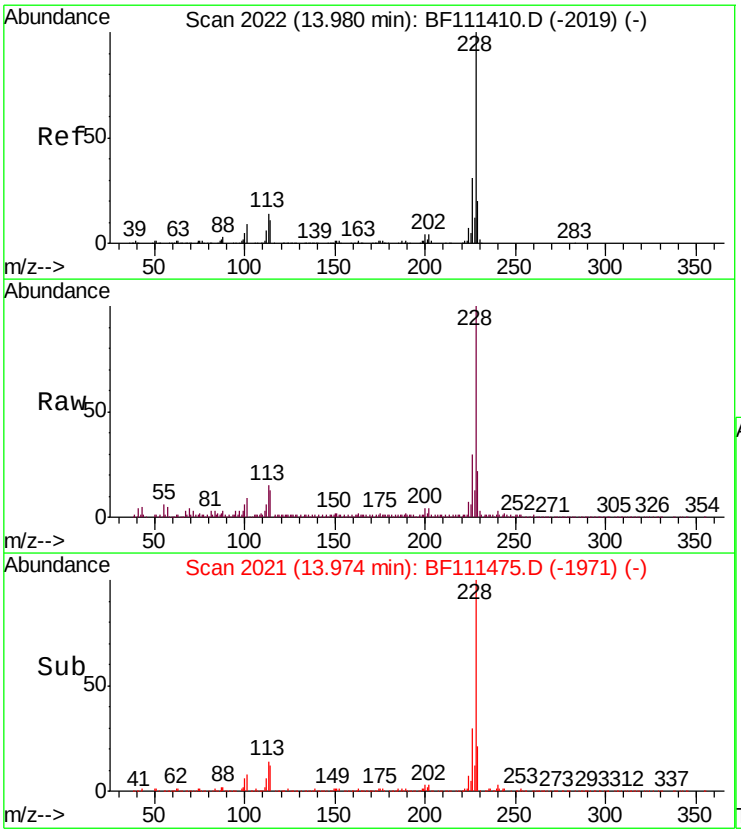
#81
Benzo(a)anthracene
Concen: 9.286 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:228 Resp: 248016

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	21.3	16.3	24.5

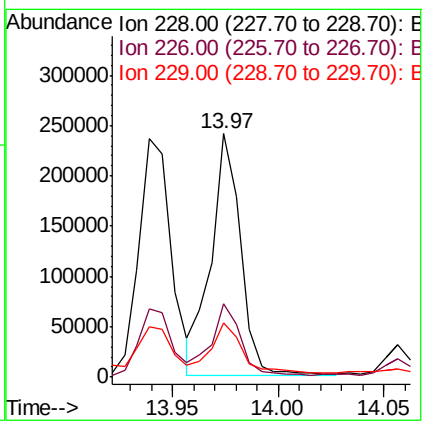


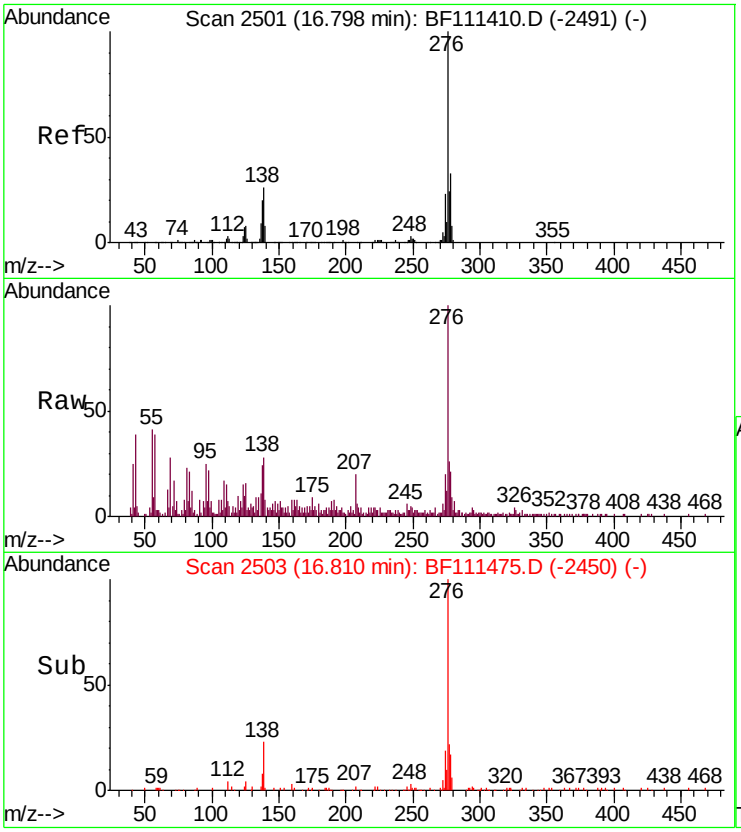


#83
Chrysene
Concen: 8.286 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:228 Resp: 233126

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	22.4	17.2	25.8



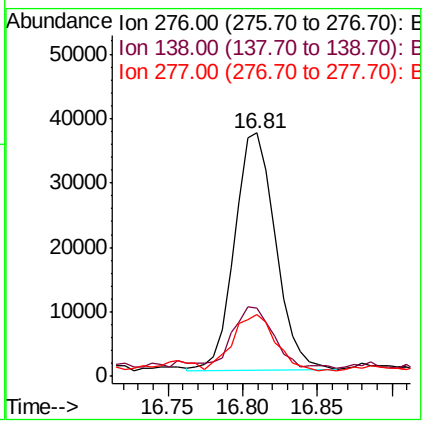


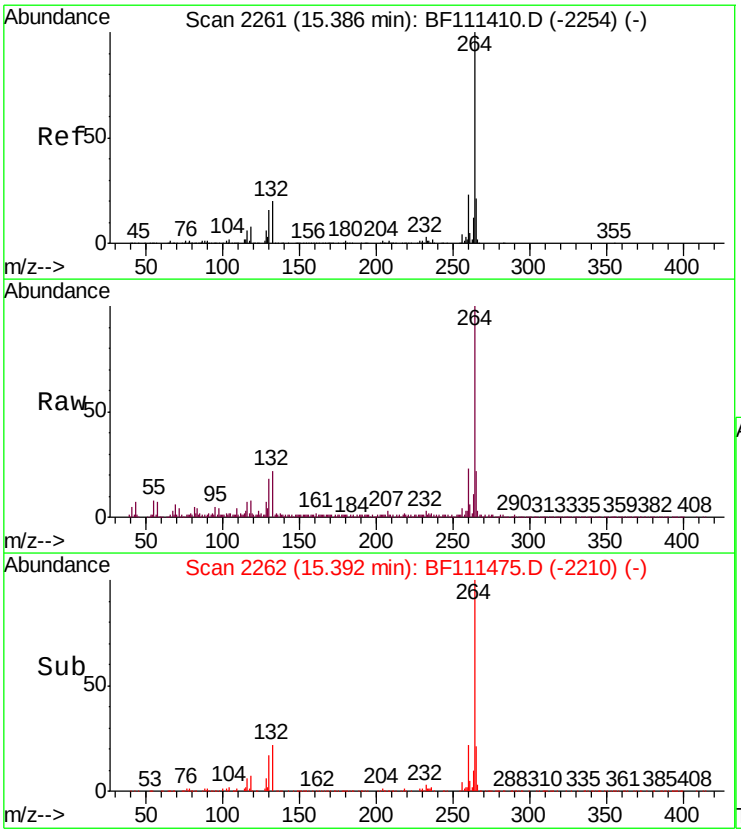
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.463 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:276 Resp: 70314

Ion	Ratio	Lower	Upper
276	100		
138	26.4	27.8	41.6#
277	25.4	20.1	30.1

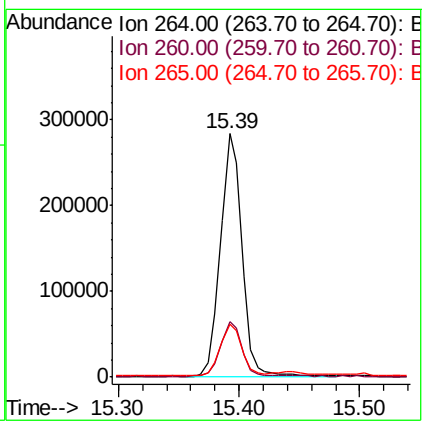


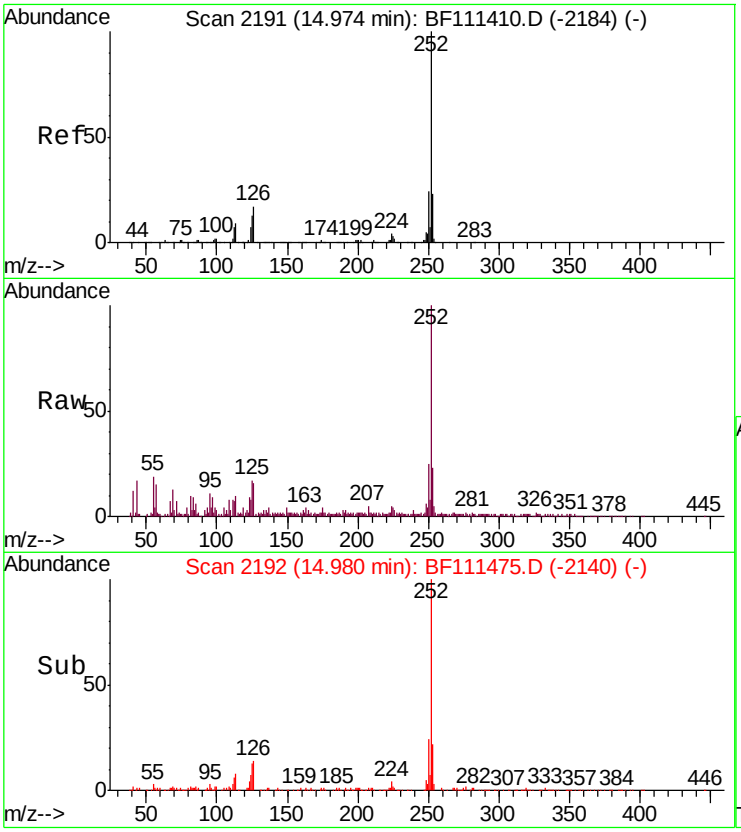


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:264 Resp: 347733

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	21.5	17.7	26.5



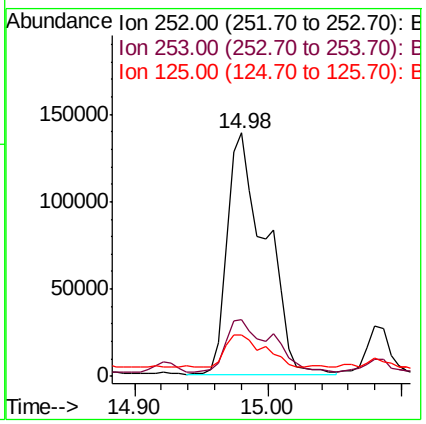


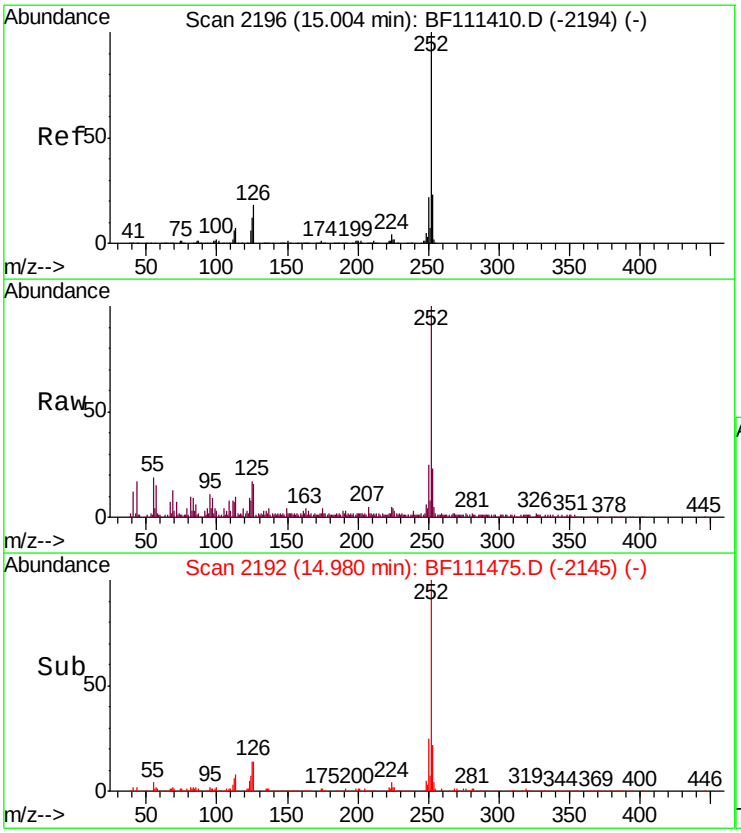
#88
Benzo(b)fluoranthene
Concen: 13.559 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:252 Resp: 274888

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	17.0	10.4	15.6#

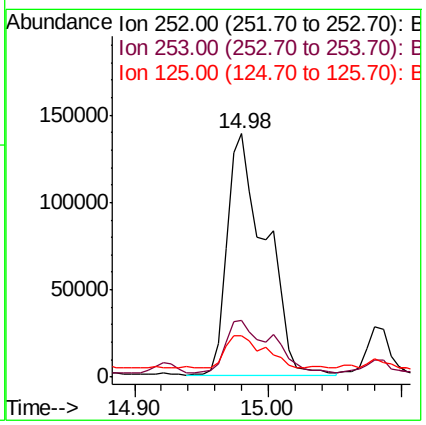


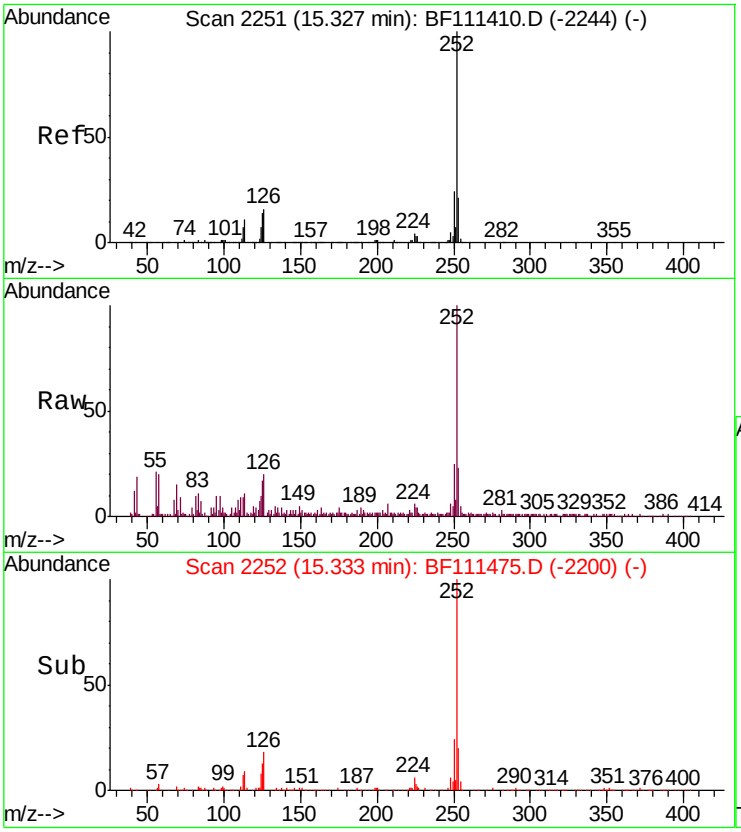


#89
Benzo(k)fluoranthene
Concen: 14.190 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:252 Resp: 274888

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	17.0	9.8	14.8#



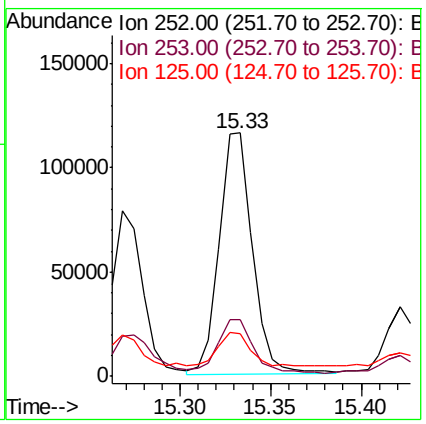


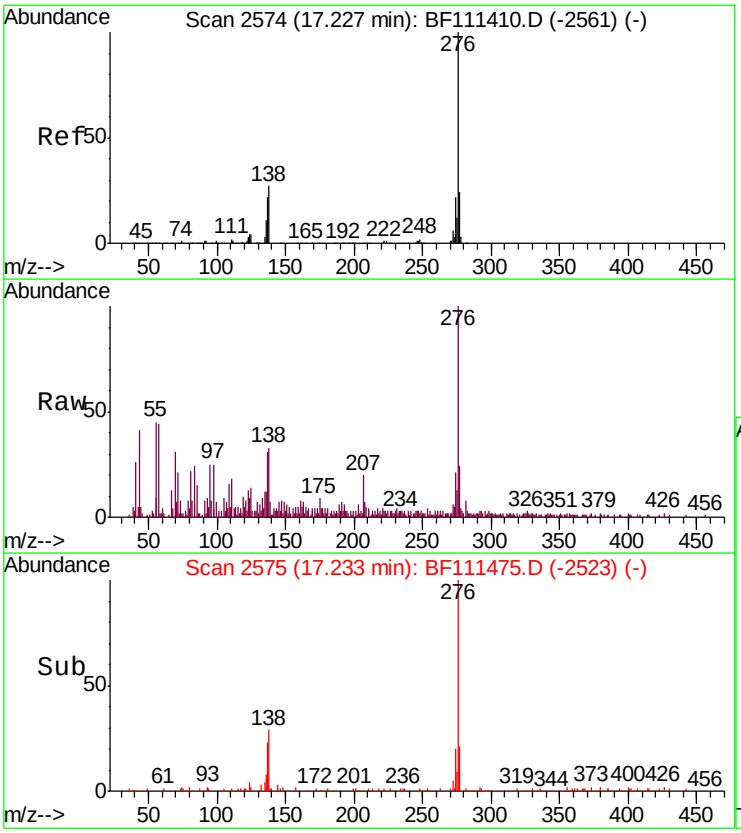
#90
Benzo(a)pyrene
Concen: 8.112 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tgt Ion:252 Resp: 148304

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	17.3	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 4.688 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111475.D
Acq: 15 Dec 2018 18:16

Tgt Ion:276 Resp: 66365

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	32.8	24.9	37.3