Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116968.D
Acq On : 12 Sep 2019 1:07
Operator : HP/JU
Sample : K4787-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 12 07:08:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	71786	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	288391	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	144170	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	219989	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	135612	20.00	ng		-0.02
87) Perylene-d12	15.42	264	169081	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	431065	97.28	ng		0.00
7) Phenol-d6	6.46	99	594021	102.09	ng		-0.02
23) Nitrobenzene-d5	7.38	82	367974	72.84	ng		-0.02
42) 2,4,6-Tribromophenol	10.64	330	103575	107.46	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	595518	69.68	ng		-0.02
79) Terphenyl-d14	12.92	244	430567	58.74	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	47189	12.317	ng	#	75
25) Isophorone	7.38	82	367972	35.947	ng	#	66
50) Dimethylphthalate	9.57	163	77303	7.766	ng		99
51) 2,6-Dinitrotoluene	9.85	165	19161	10.090	ng	#	20
57) 2,4-Dinitrotoluene	9.85	165	19161	8.252	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.64	198	128	7.585	ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	7002	3.133	ng	#	1
71) Phenanthrene	11.36	178	271834	22.198	ng		99
72) Anthracene	11.41	178	76674	6.220	ng		98
75) Fluoranthene	12.54	202	364298	30.270	ng		99
78) Pyrene	12.77	202	392551	32.563	ng		99
81) Benzo(a)anthracene	13.96	228	140861	16.412	ng		99
83) Chrysene	13.99	228	119428	13.506	ng		97
86) Indeno(1,2,3-cd)pyrene	16.84	276	78051	10.989	ng		96
88) Benzo(b)fluoranthene	15.00	252	196165	19.190	ng		99
89) Benzo(k)fluoranthene	15.00	252	196165	21.047	ng		99
90) Benzo(a)pyrene	15.35	252	130926	14.721	ng		97
91) Dibenzo(a,h)anthracene	16.84	278	16821	2.161	ng	#	87
92) Benzo(g,h,i)perylene	17.27	276	75319	9.487	ng		95

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

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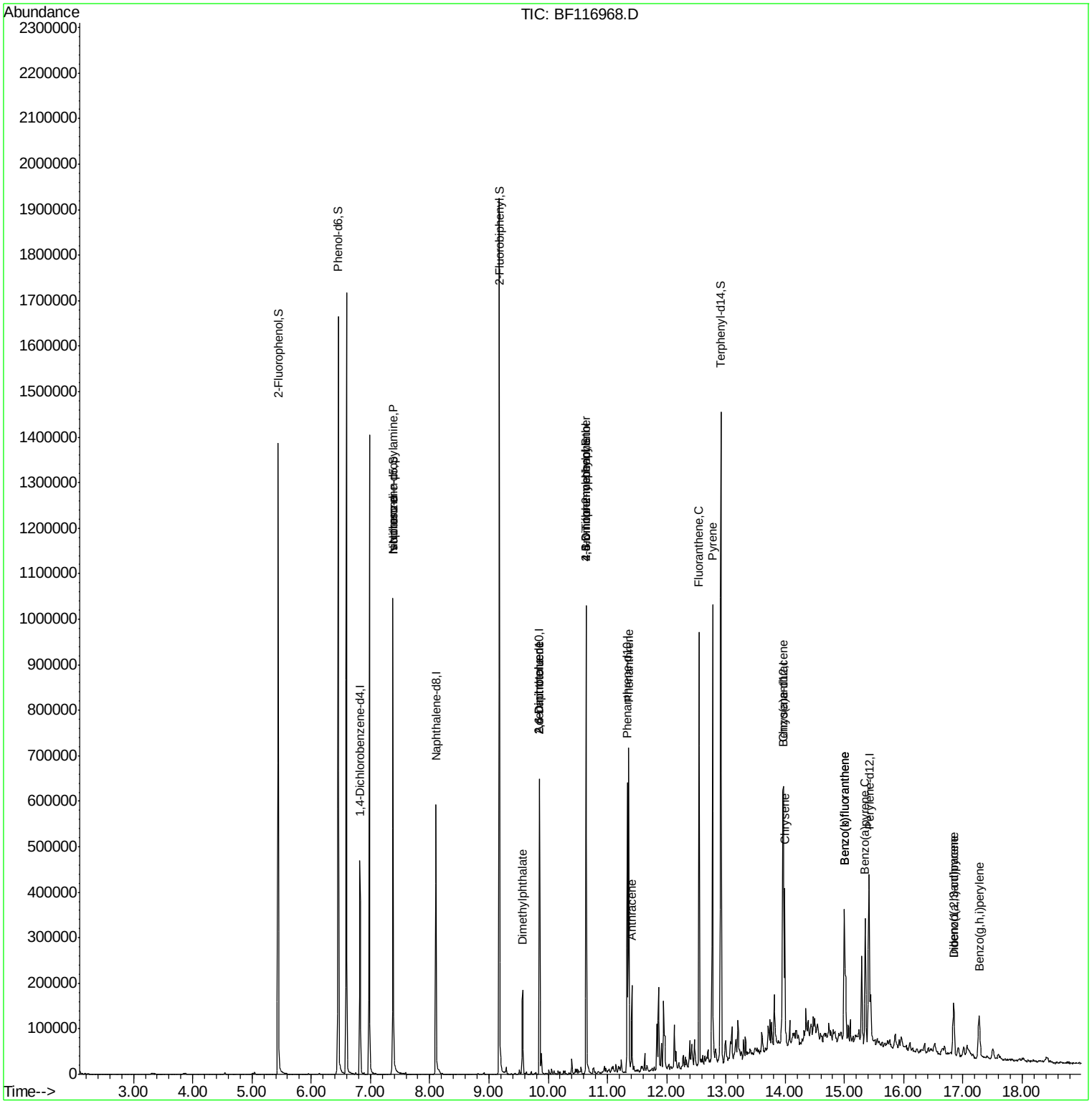
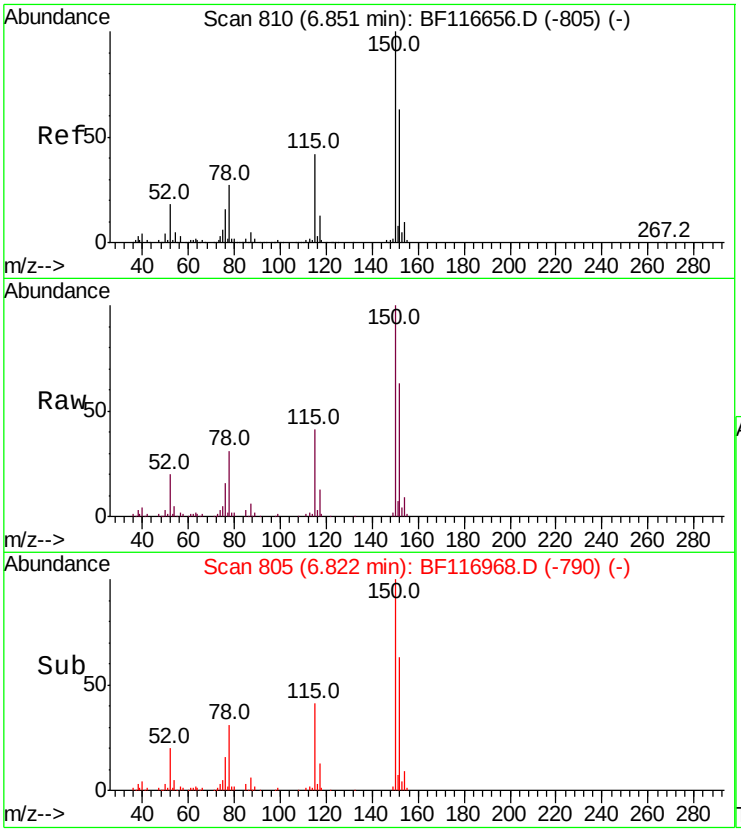


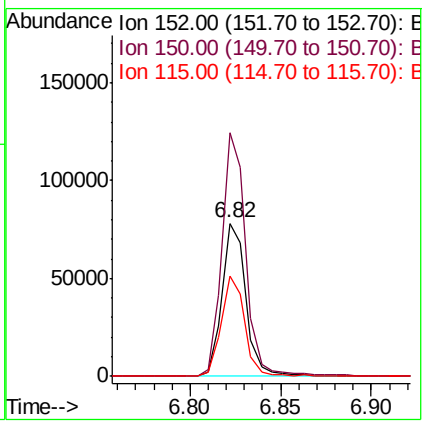


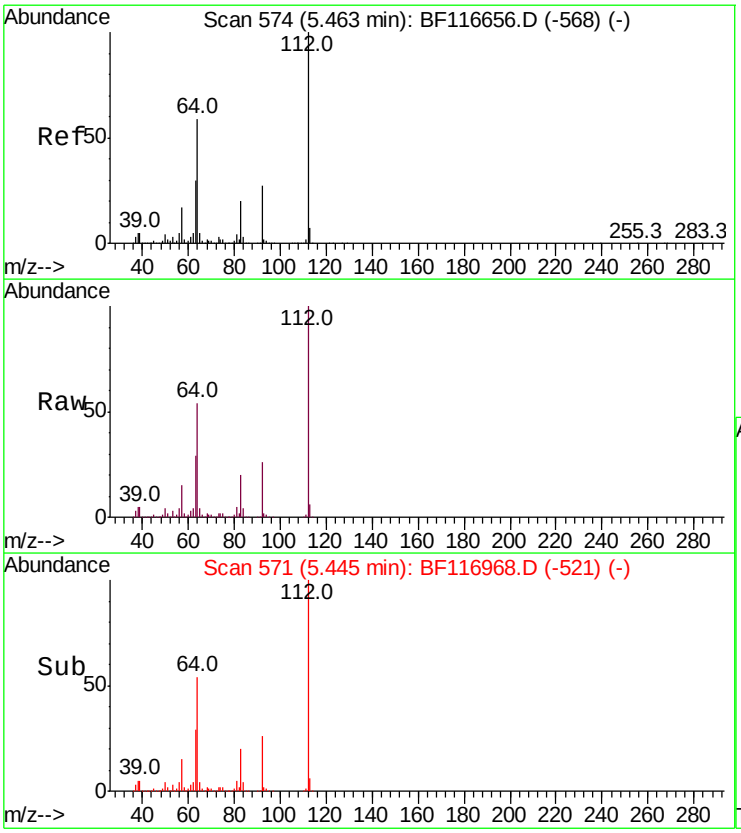
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71786

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.4	186.6
115	65.8	49.9	74.9

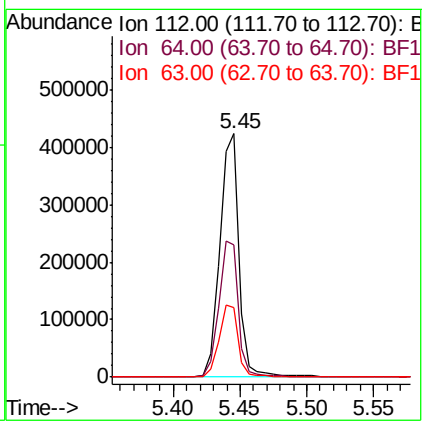


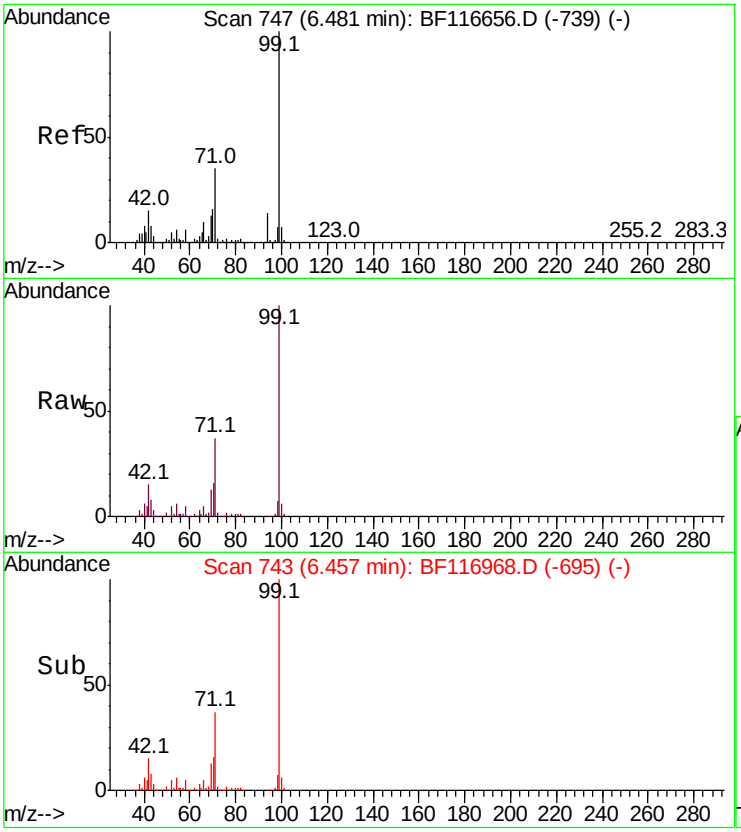


#5
2-Fluorophenol
Concen: 97.282 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:112 Resp: 431065

Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.1	70.7
63	28.6	24.9	37.3



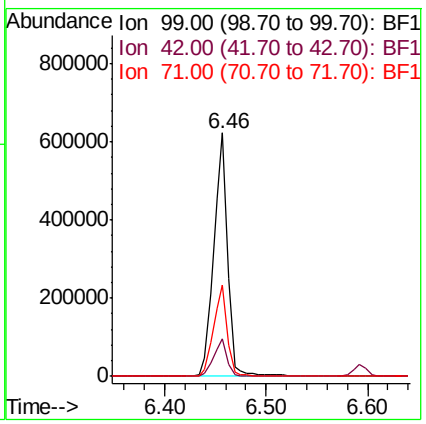


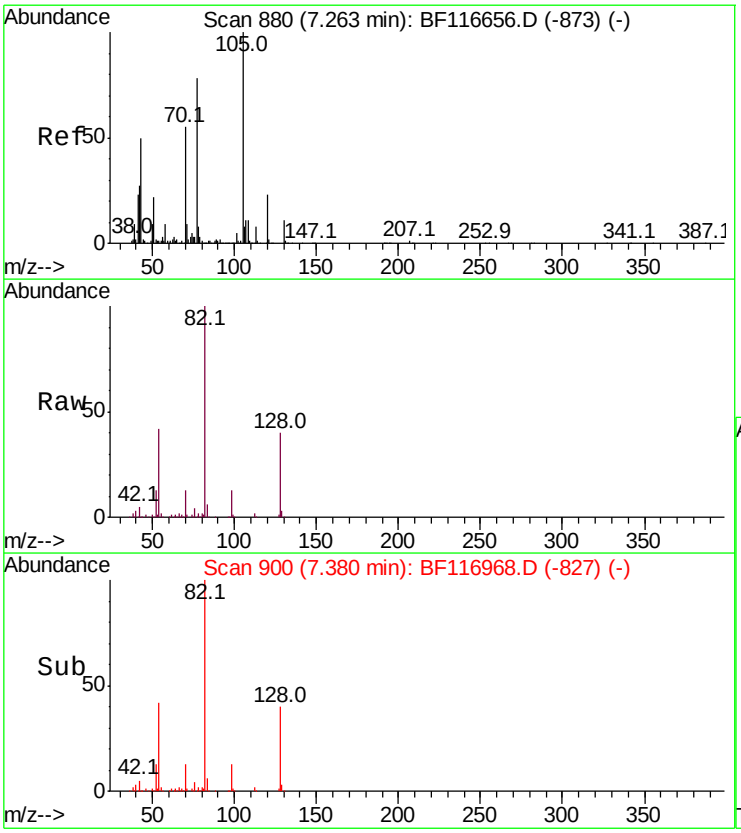
#7
Phenol-d6
Concen: 102.092 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 594021

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.7	20.5
71	37.3	30.8	46.2

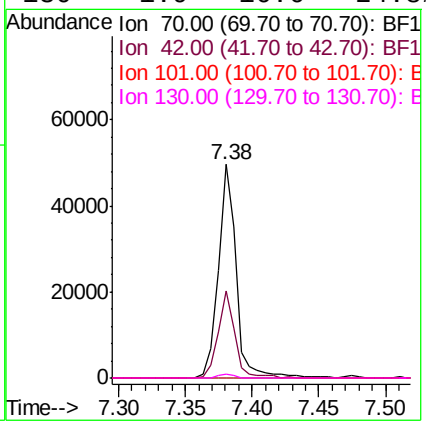


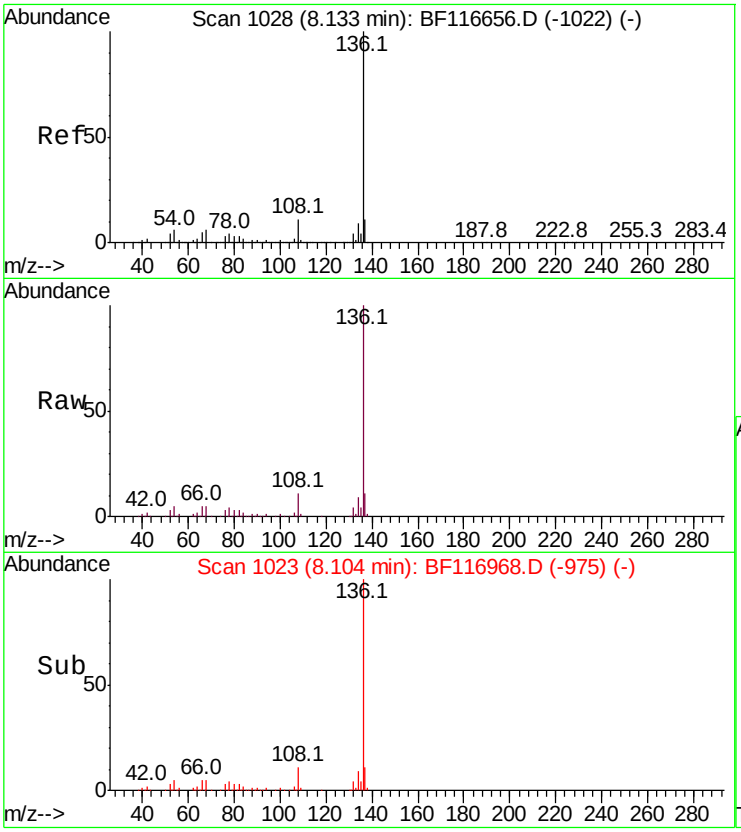


#19
n-Nitroso-di-n-propylamine
Concen: 12.317 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.13 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion: 70 Resp: 47189

Ion	Ratio	Lower	Upper
70	100		
42	41.0	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



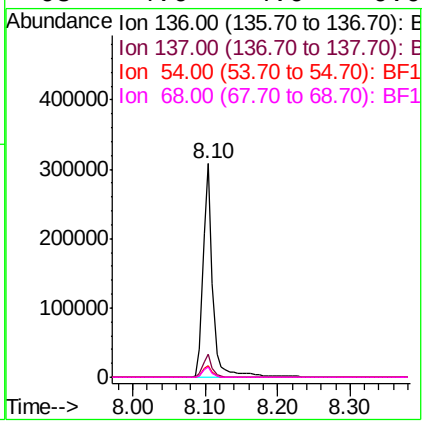


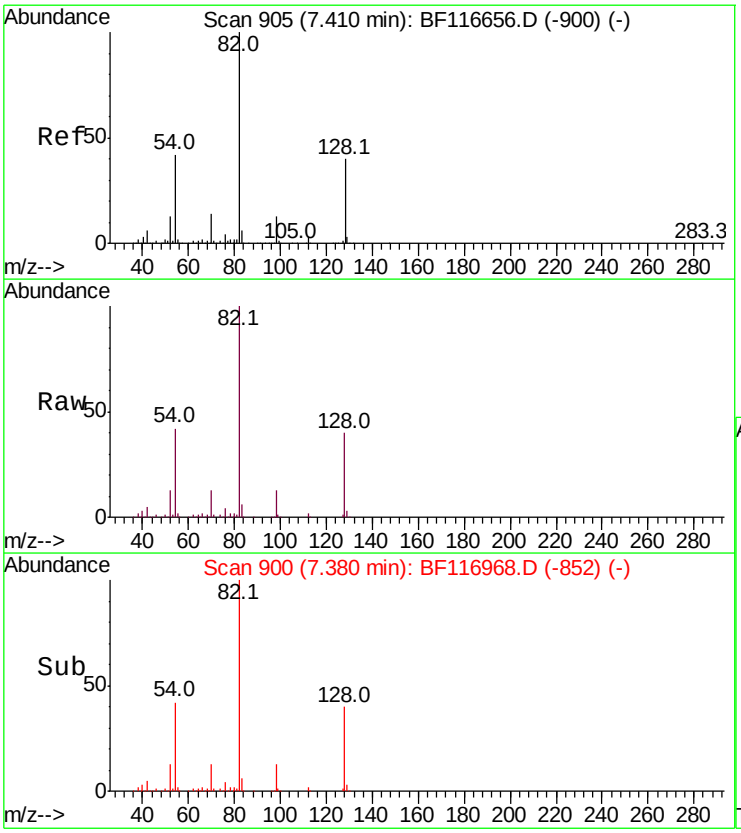
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 288391

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.2	4.8	7.2
68	4.6	4.0	6.0

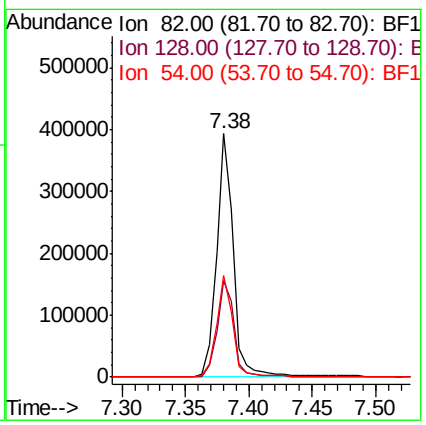


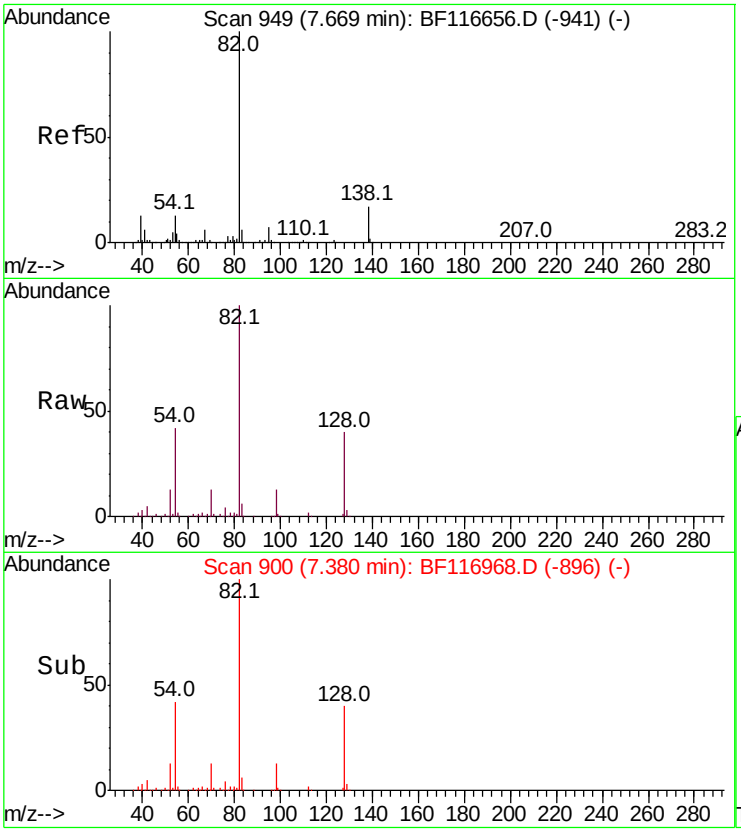


#23
Nitrobenzene-d5
Concen: 72.841 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion: 82 Resp: 367974

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.8	49.2
54	41.7	36.9	55.3



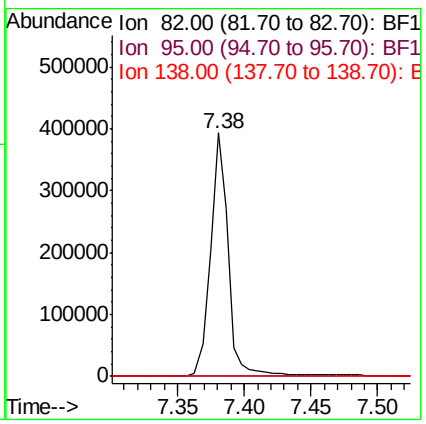


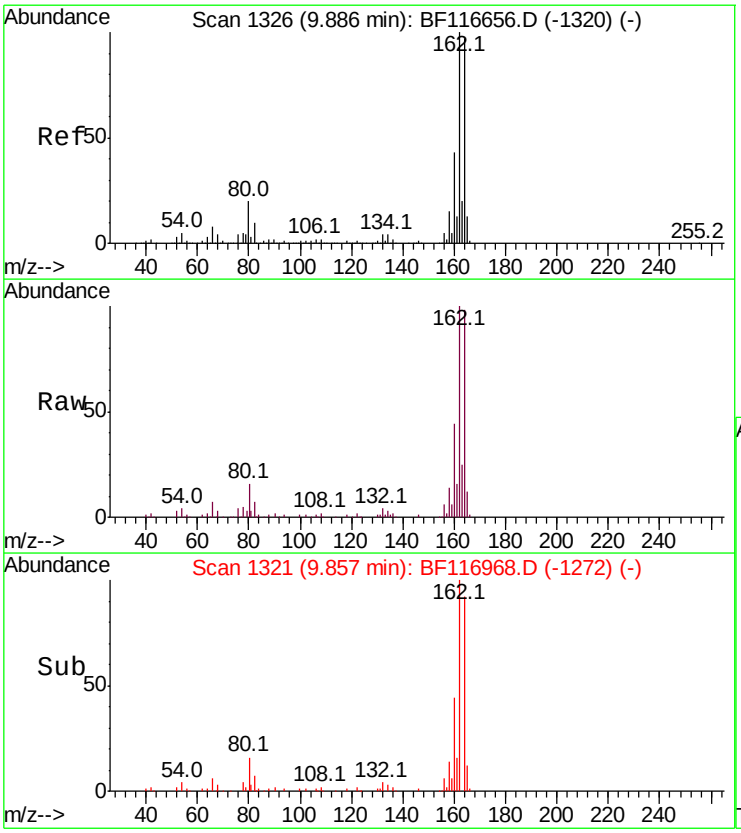
#25
Isophorone
Concen: 35.947 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.28 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 367972

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

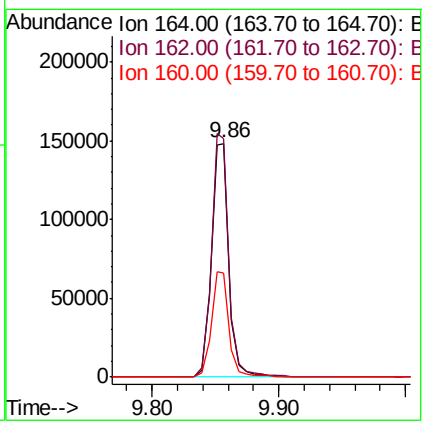


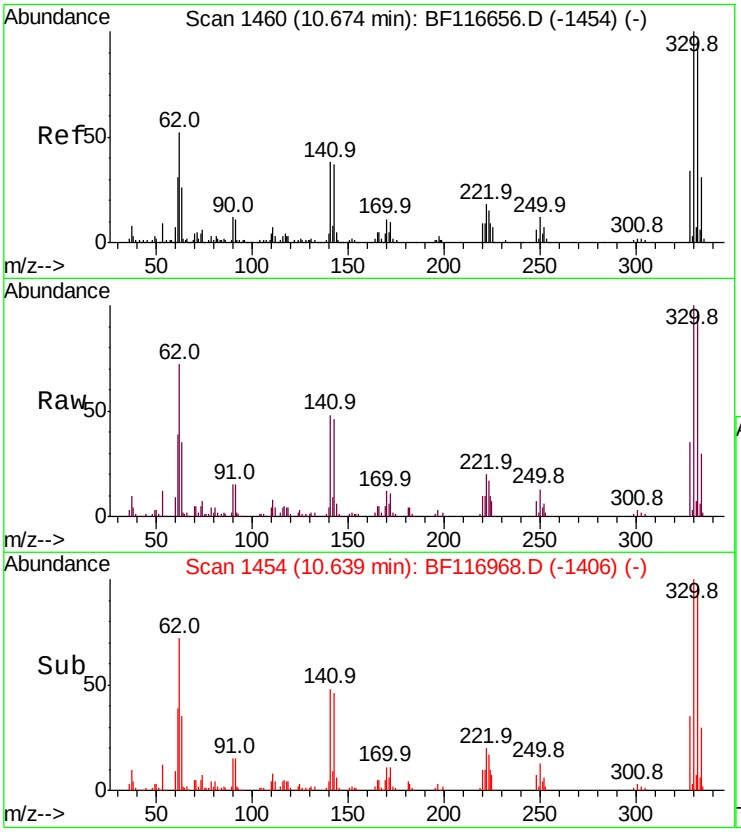


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:164 Resp: 144170

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	44.6	35.4	53.2



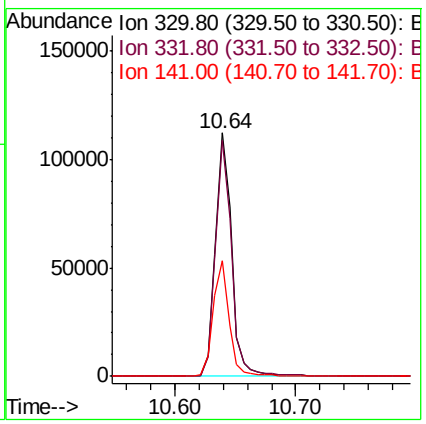


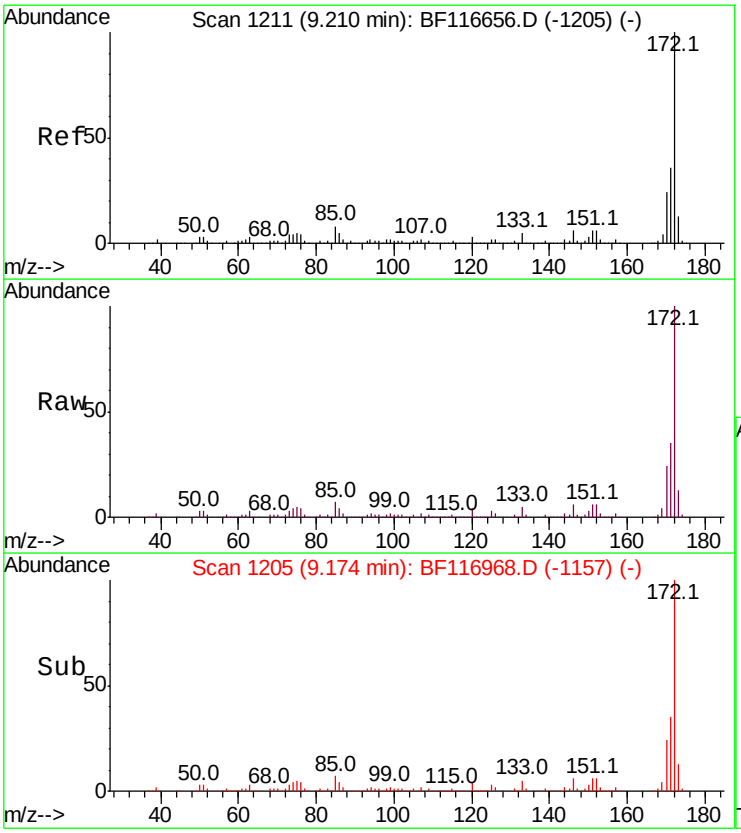
#42
2,4,6-Tribromophenol
Concen: 107.464 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 103575

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	46.9	31.4	47.2

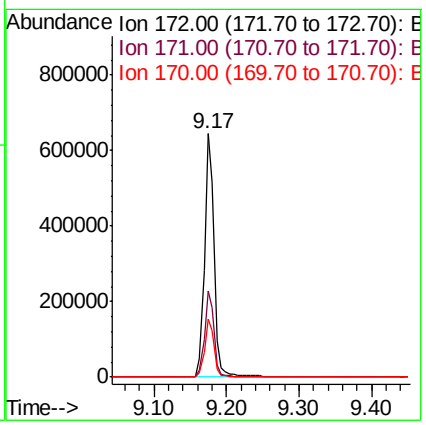


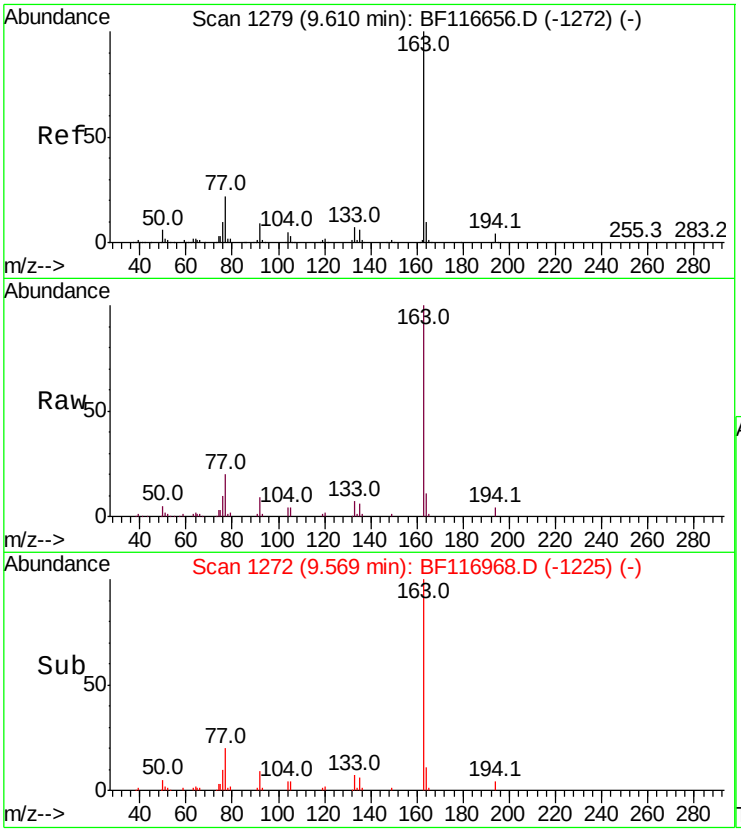


#45
2-Fluorobiphenyl
Concen: 69.680 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:172 Resp: 595518

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	24.0	18.9	28.3

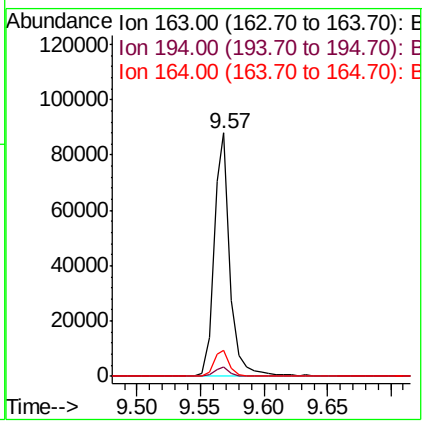




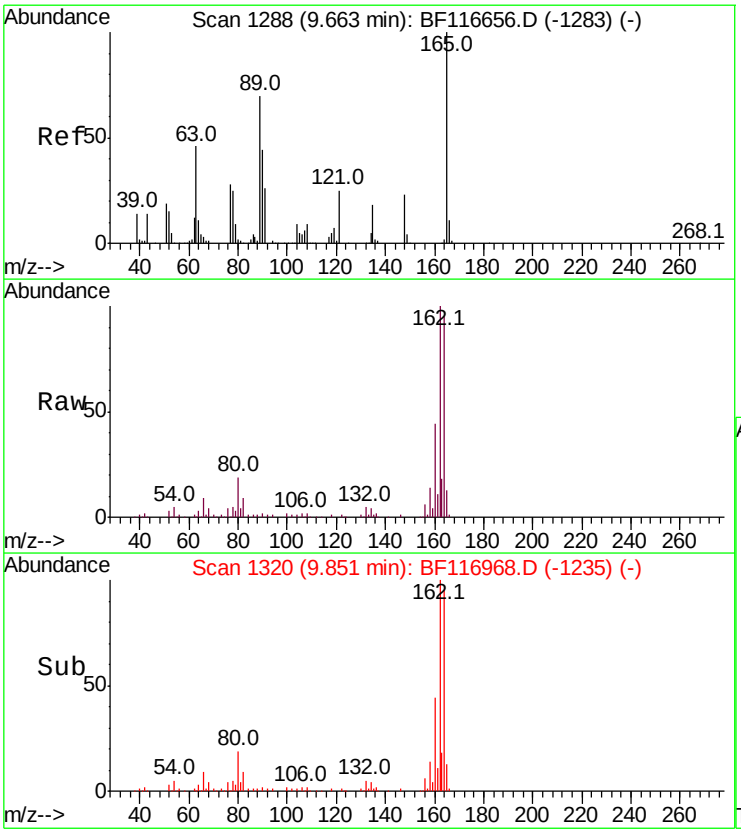
#50
Dimethylphthalate
Concen: 7.766 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:163 Resp: 77303

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	10.8	8.6	12.8



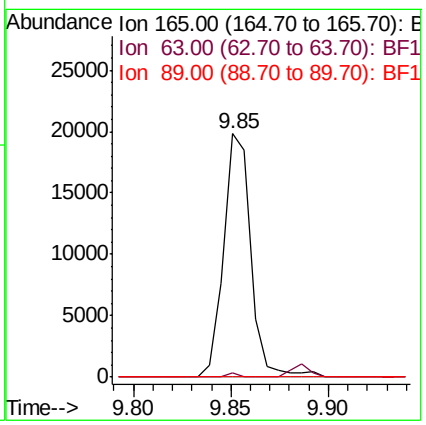
Instrument :
BNA_F
ClientSampleId :

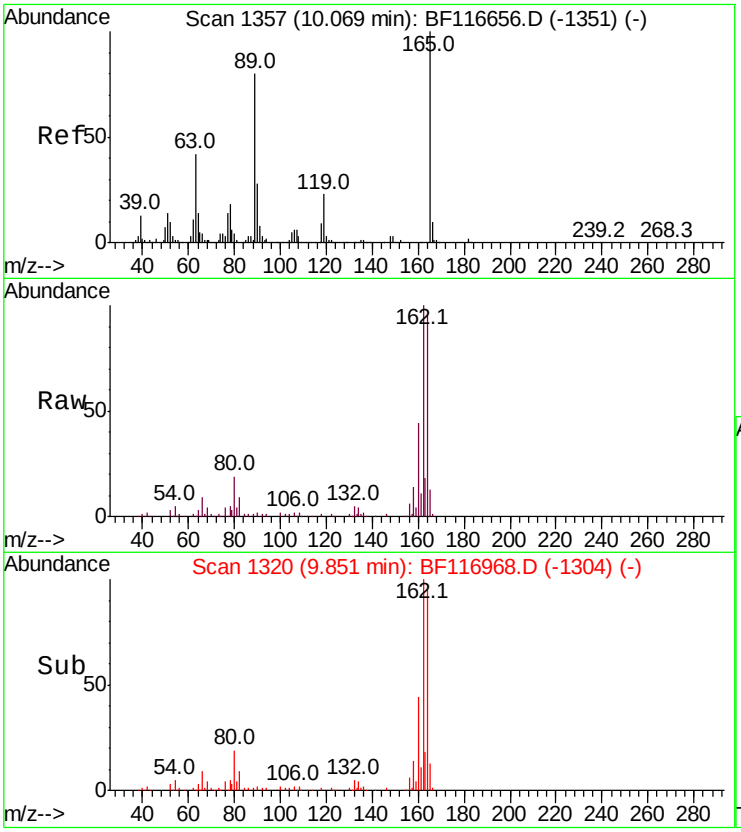


#51
2,6-Dinitrotoluene
Concen: 10.090 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:165 Resp: 19161

Ion	Ratio	Lower	Upper
165	100		
63	1.6	47.3	70.9#
89	0.0	52.5	78.7#



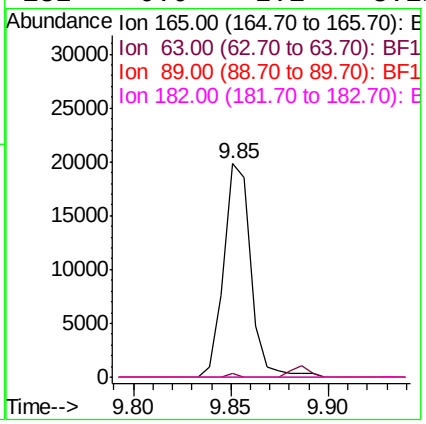


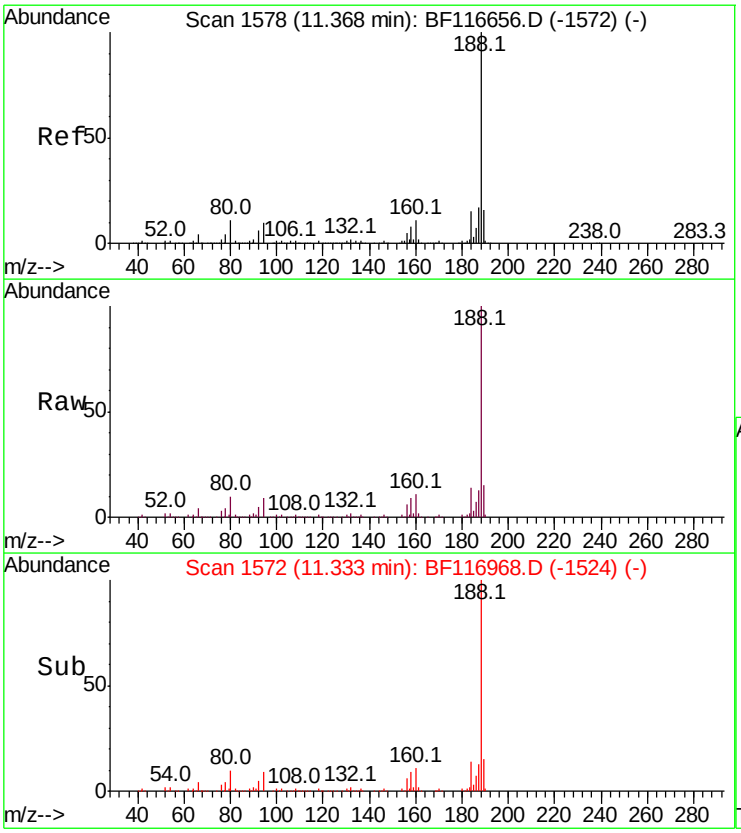
#57
2,4-Dinitrotoluene
Concen: 8.252 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19161

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#

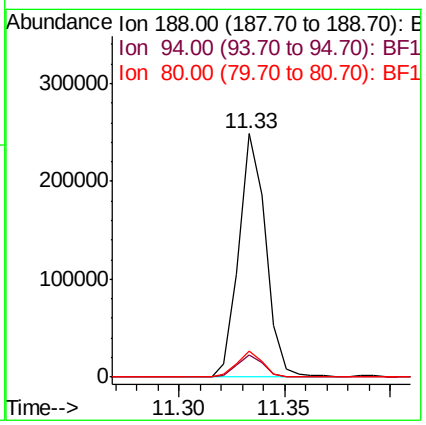


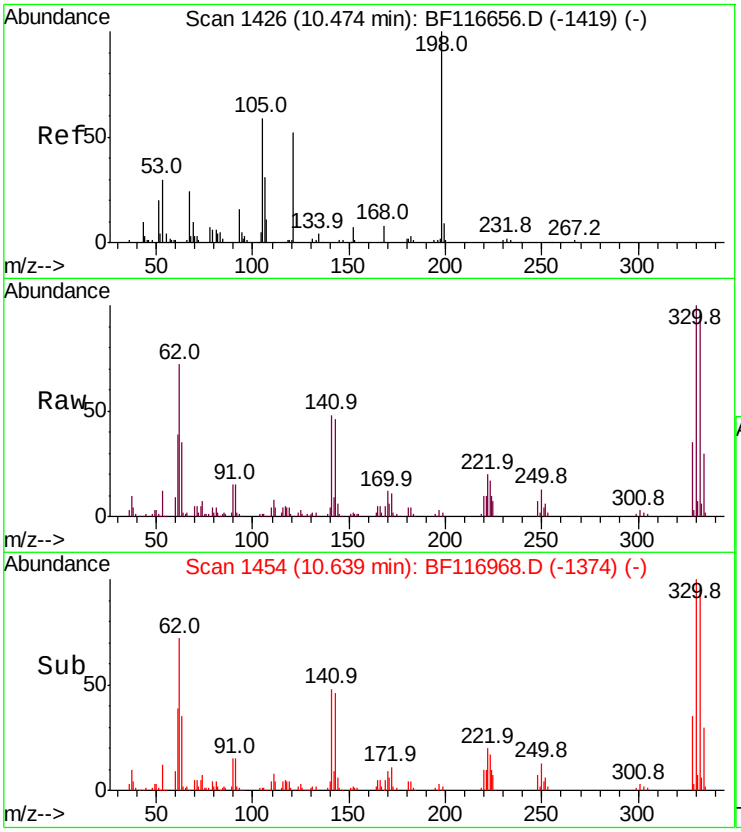


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:188 Resp: 219989

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.3	10.9
80	10.5	8.4	12.6



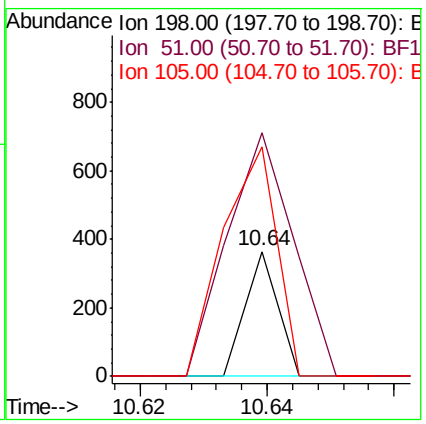


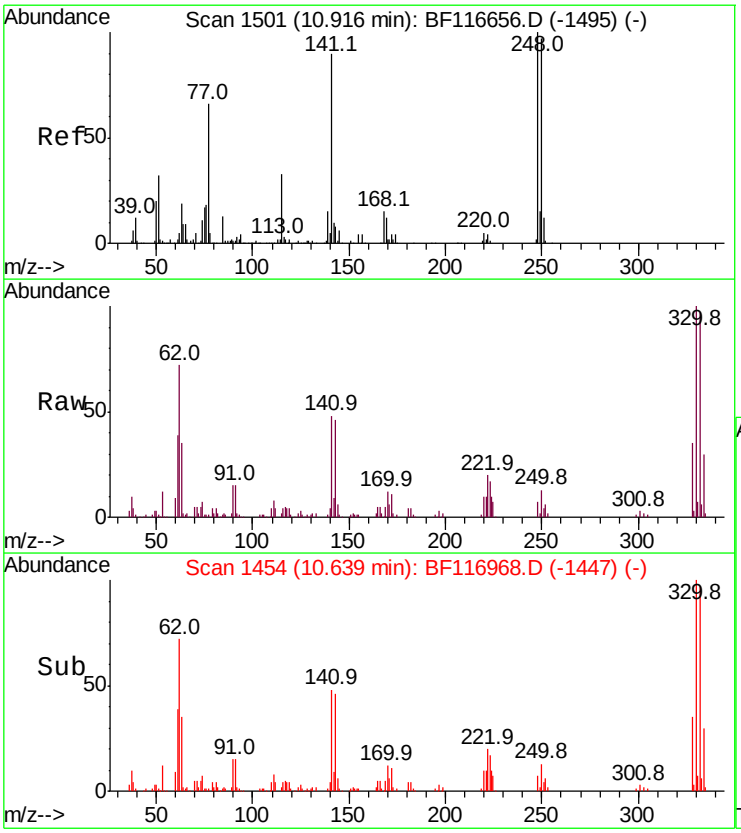
#65
4,6-Dinitro-2-methylphenol
Concen: 7.585 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.17 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 128

Ion	Ratio	Lower	Upper
198	100		
51	195.3	18.4	58.4#
105	184.1	22.9	62.9#

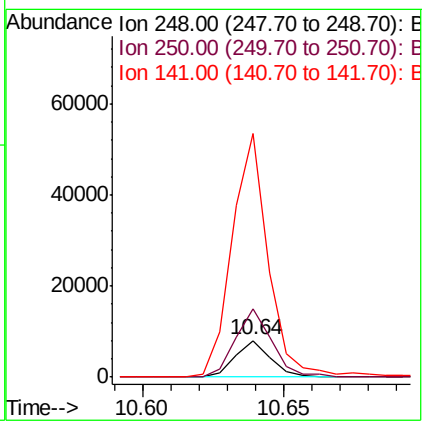


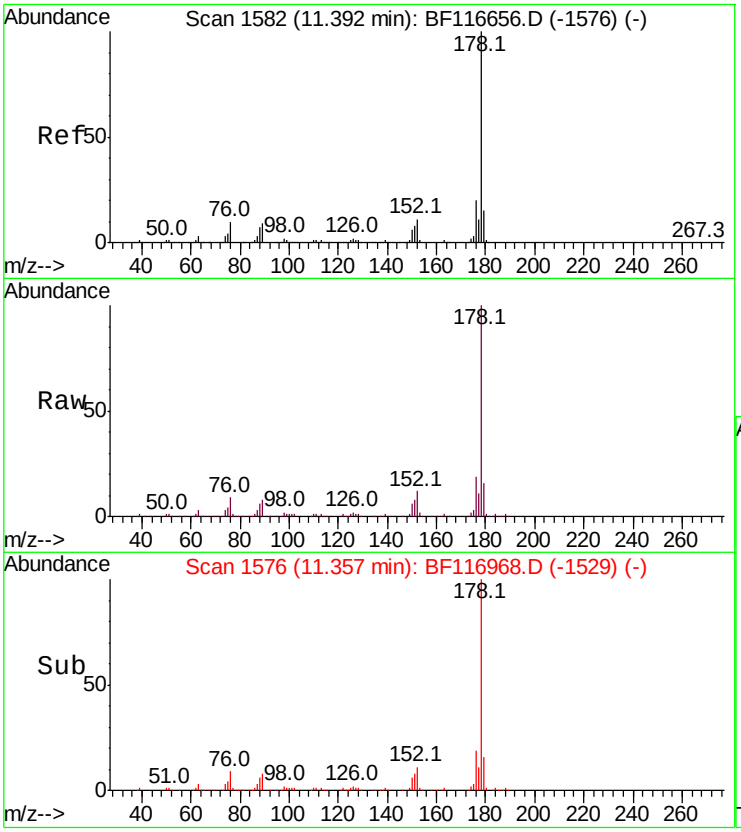


#67
4-Bromophenyl-phenylether
Concen: 3.133 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.26 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:248 Resp: 7002

Ion	Ratio	Lower	Upper
248	100		
250	186.3	77.8	116.8#
141	670.6	75.9	113.9#



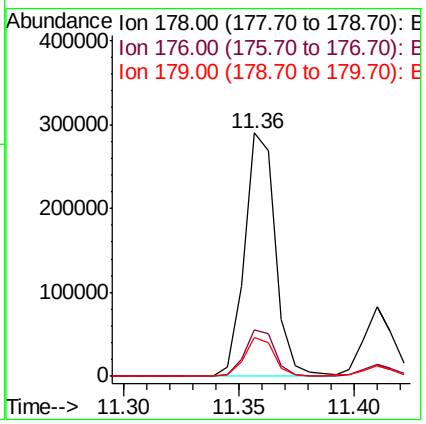


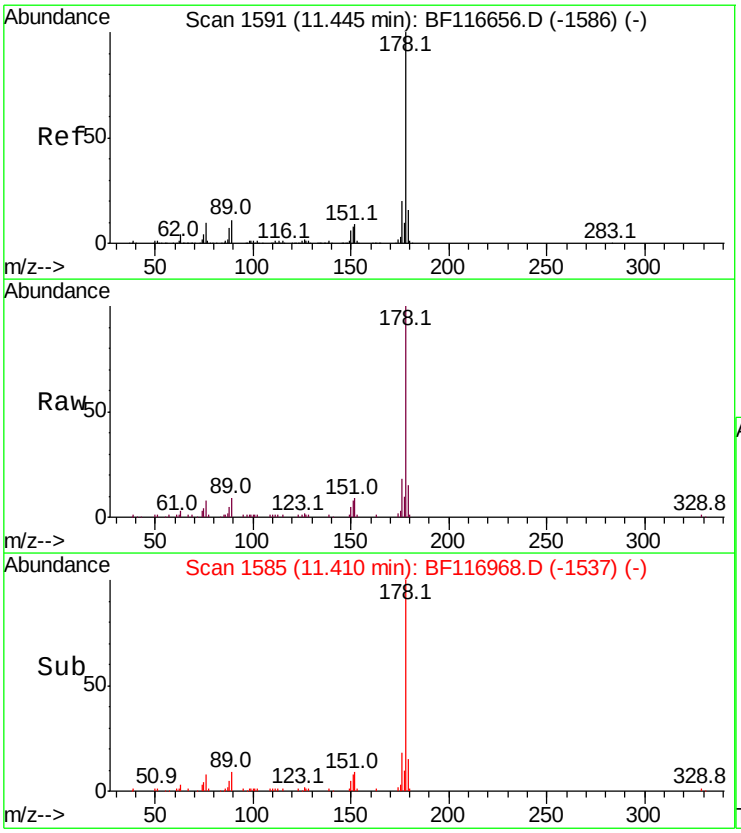
#71
Phenanthrene
Concen: 22.198 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 271834

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.7	12.2	18.2

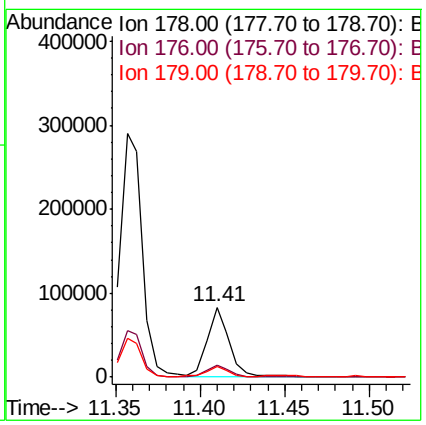


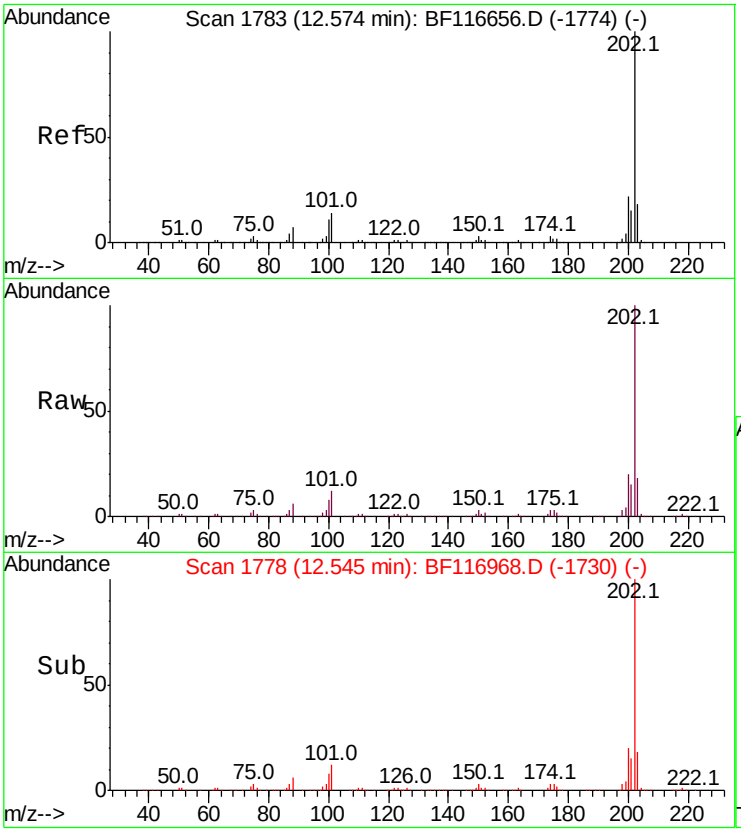


#72
Anthracene
Concen: 6.220 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:178 Resp: 76674

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.0
179	15.3	12.5	18.7



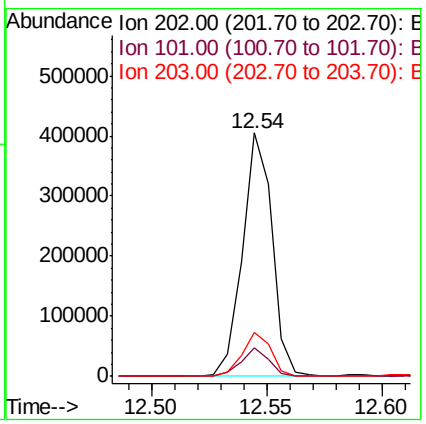


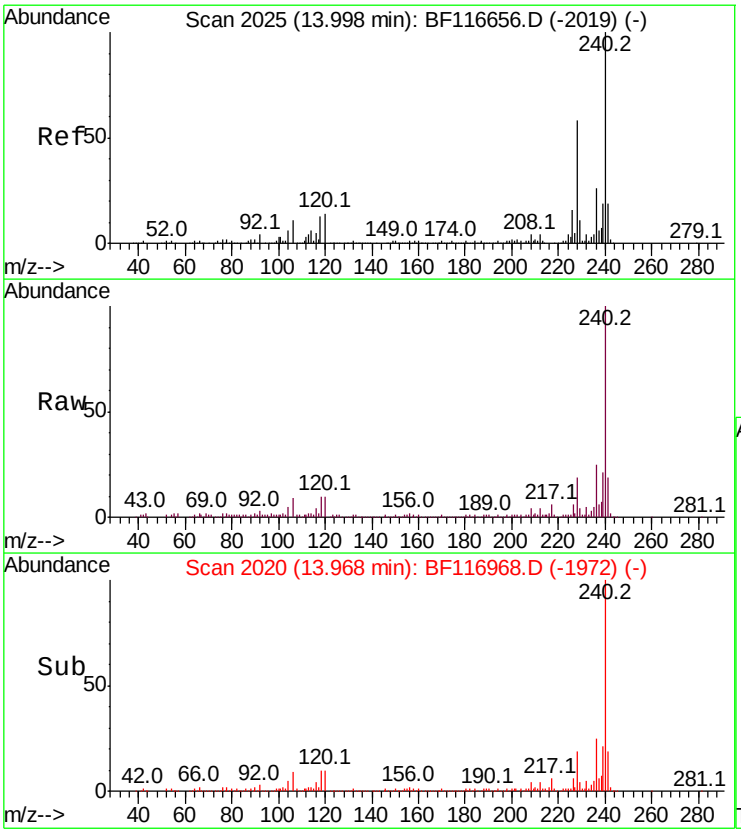
#75
Fluoranthene
Concen: 30.270 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 364298

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.3
203	17.8	0.0	37.6

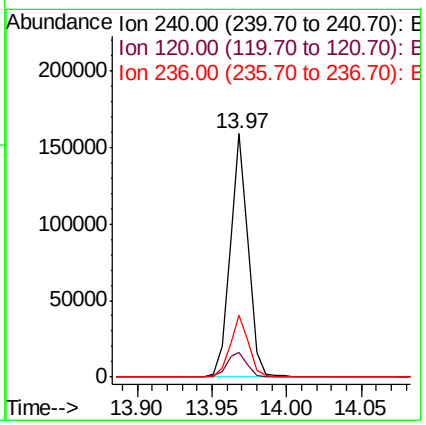


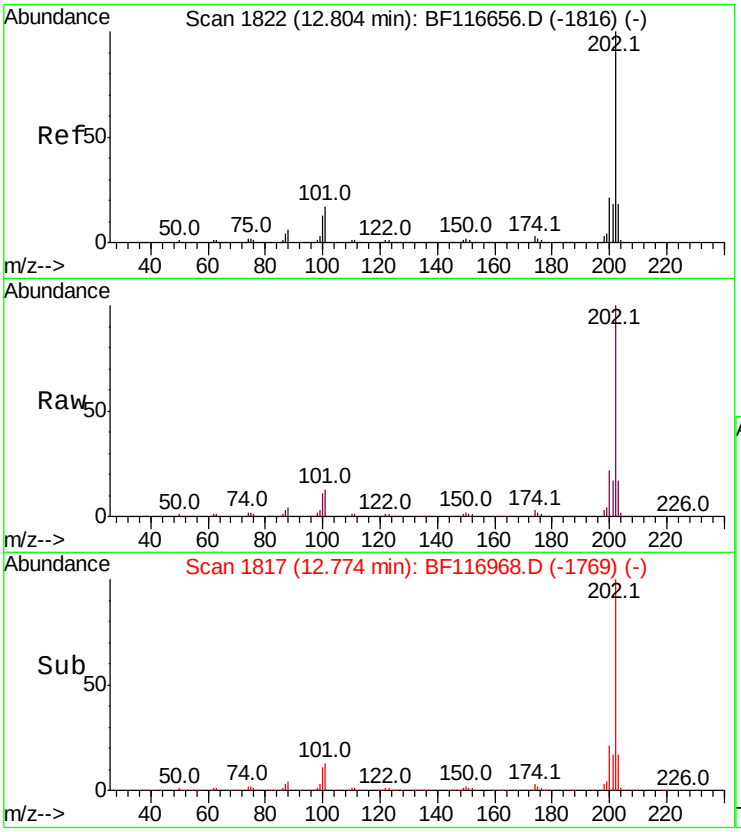


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:240 Resp: 135612

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.1	13.7
236	25.2	21.1	31.7



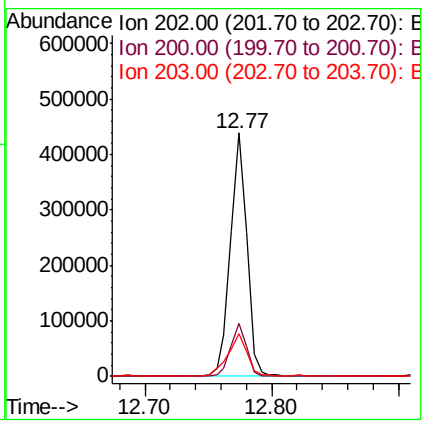


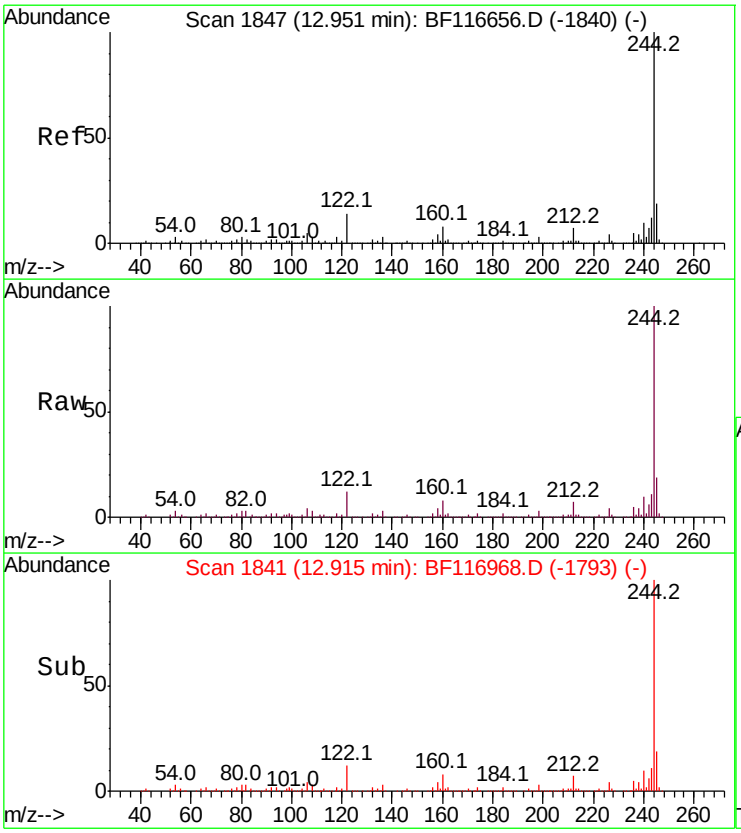
#78
Pyrene
Concen: 32.563 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 392551

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.5	24.7
203	17.4	13.7	20.5

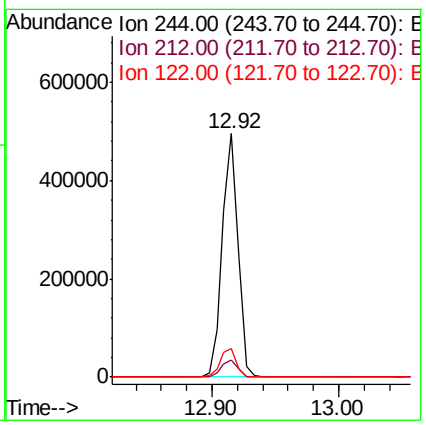


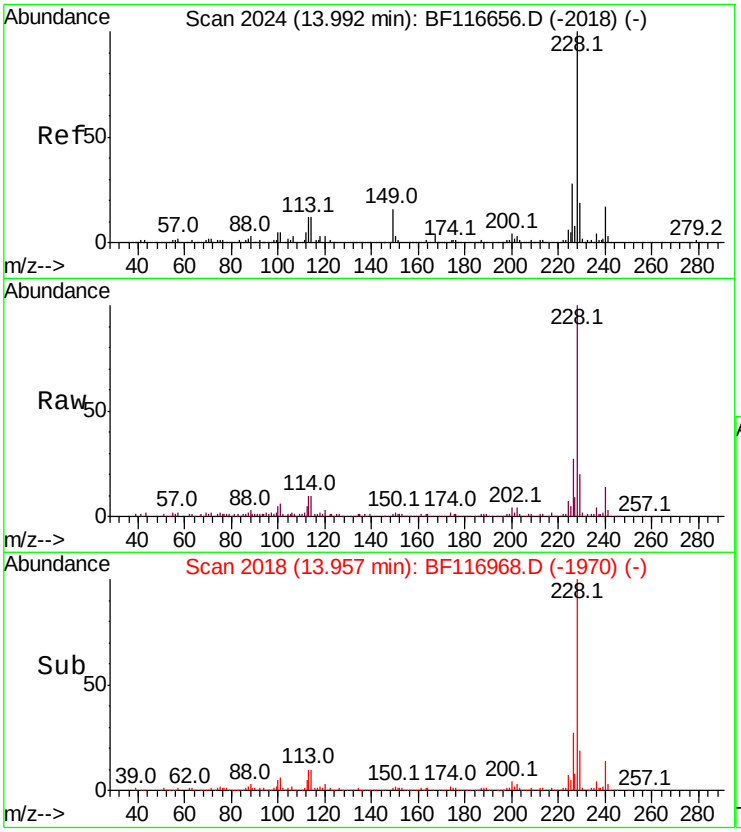


#79
Terphenyl-d14
Concen: 58.736 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:244 Resp: 430567

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.0	10.2	15.4



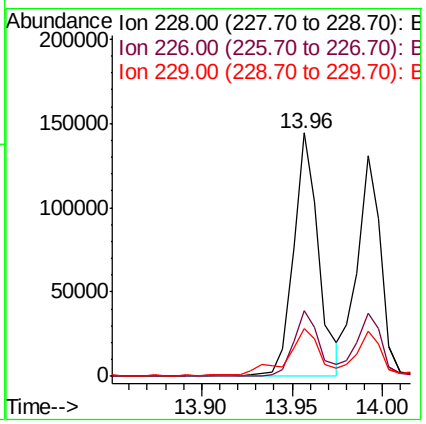


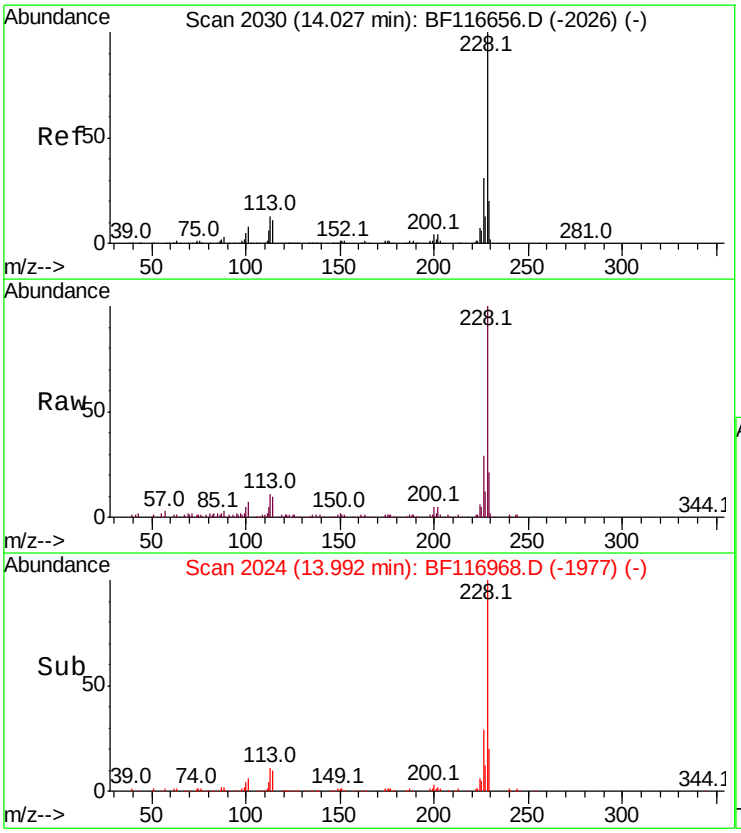
#81
Benzo(a)anthracene
Concen: 16.412 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 140861

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	19.9	16.4	24.6

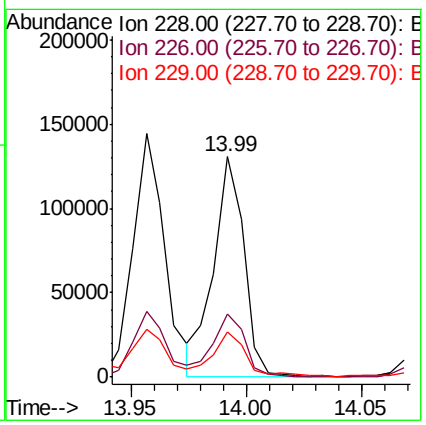


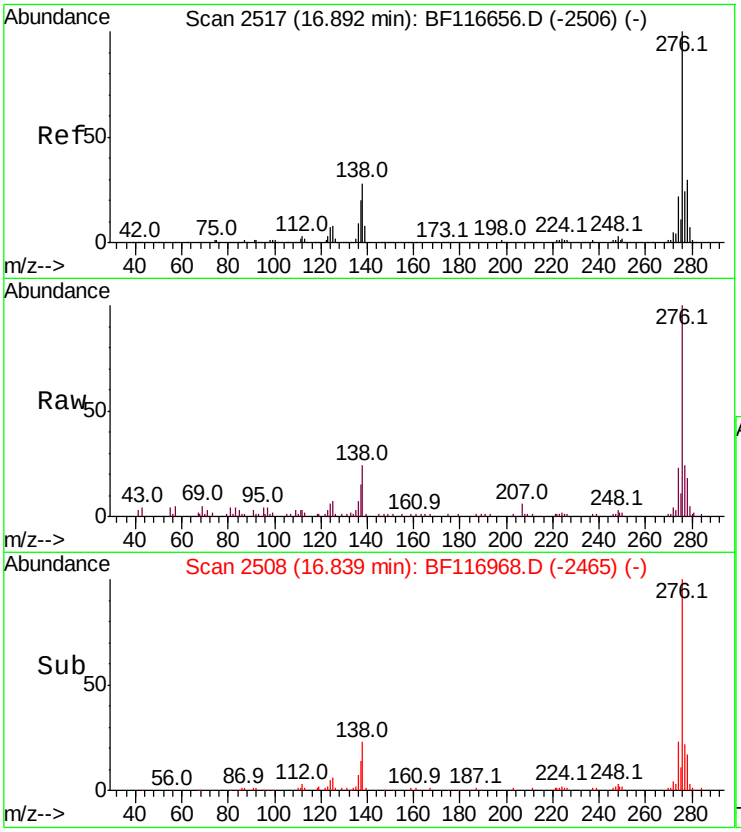


#83
Chrysene
Concen: 13.506 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:228 Resp: 119428

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	20.7	15.4	23.0



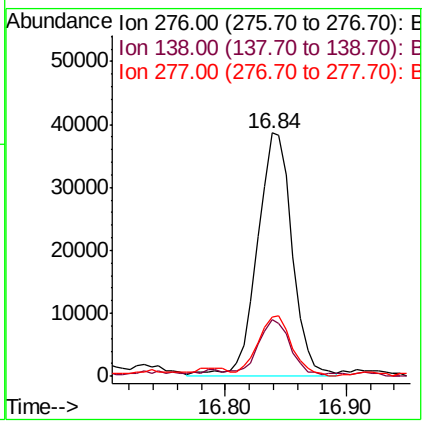


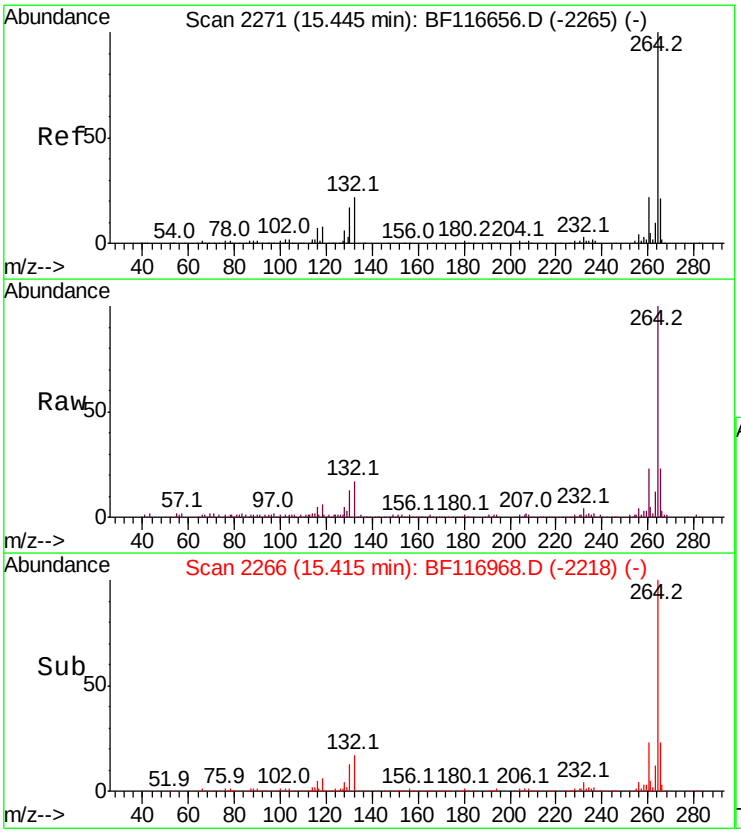
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.989 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.05 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 78051

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.4	29.2
277	24.1	20.5	30.7

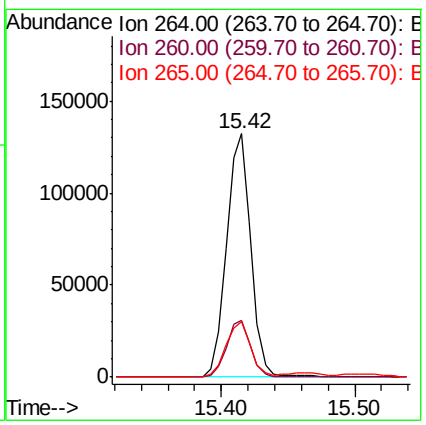


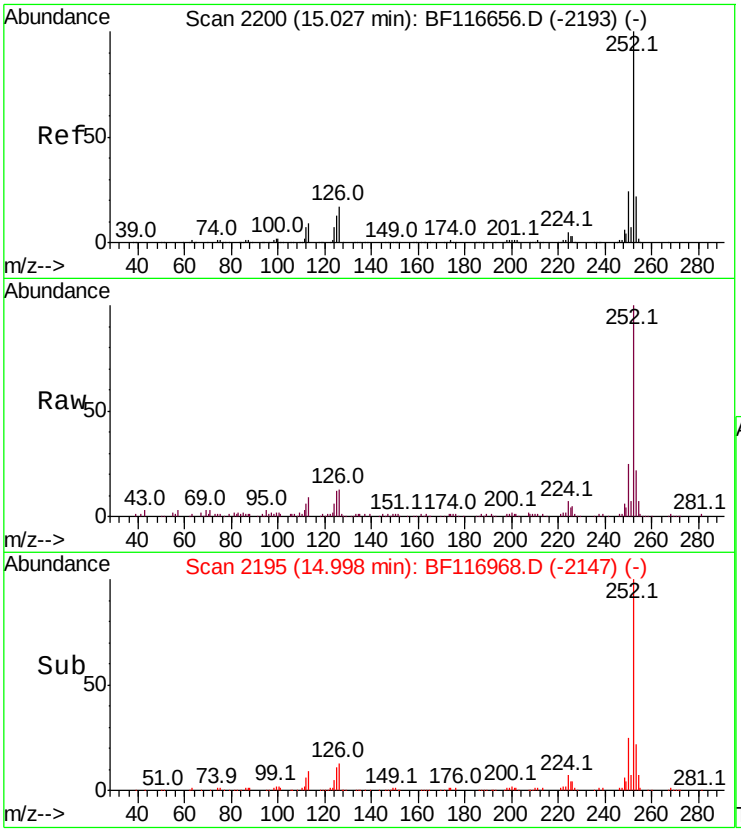


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:264 Resp: 169081

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.6	16.5	24.7



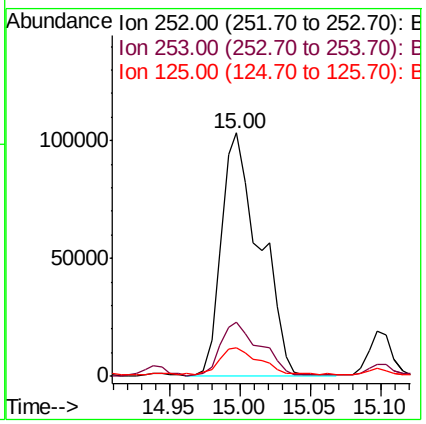


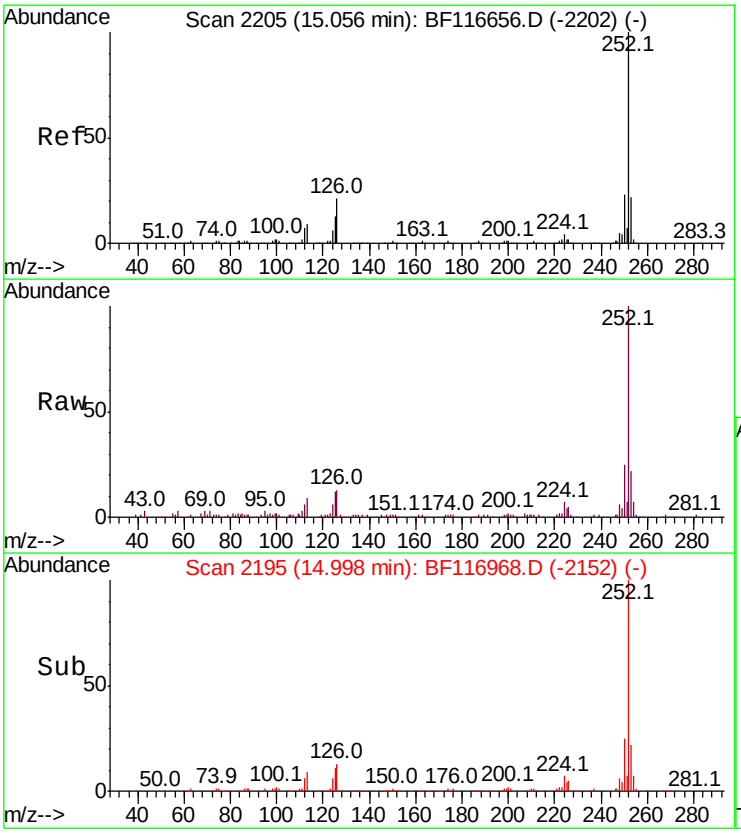
#88
Benzo(b)fluoranthene
Concen: 19.190 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 196165

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.7	8.2	12.2

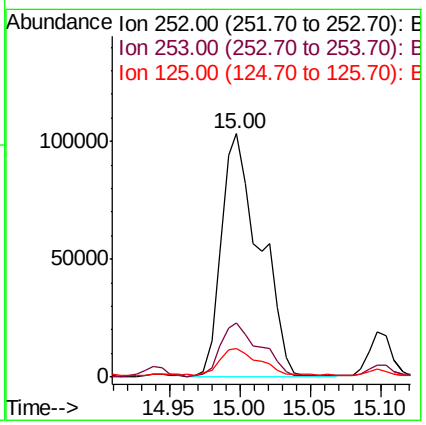


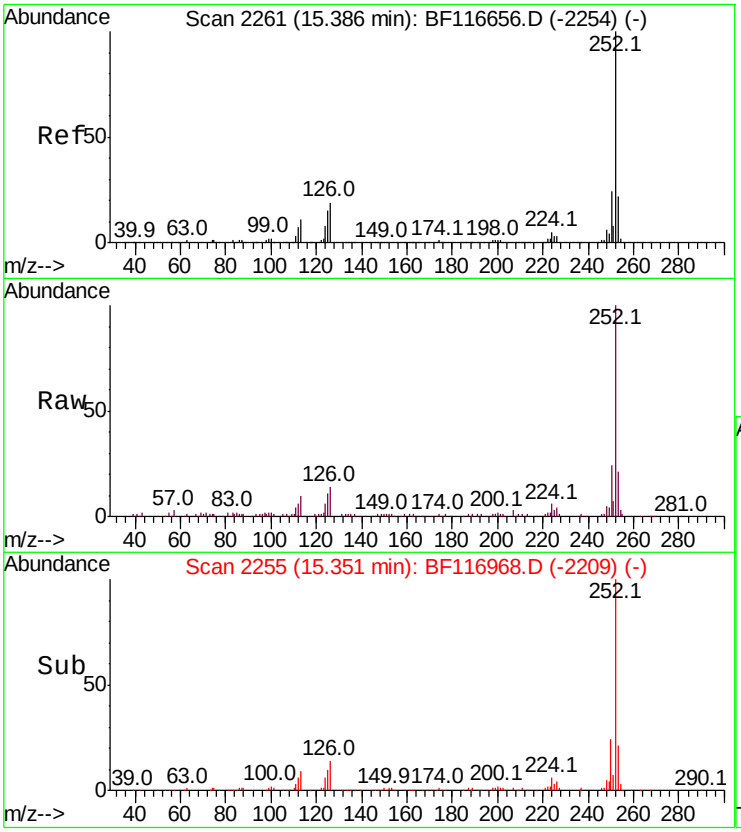


#89
Benzo(k)fluoranthene
Concen: 21.047 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:252 Resp: 196165

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.7	8.6	13.0



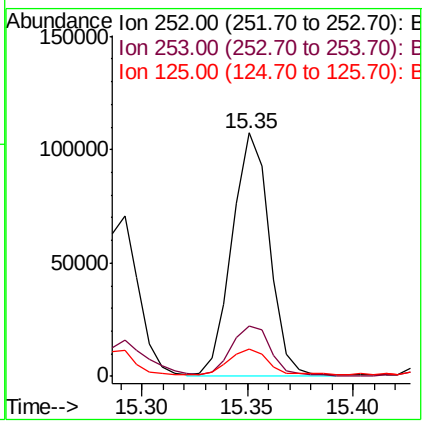


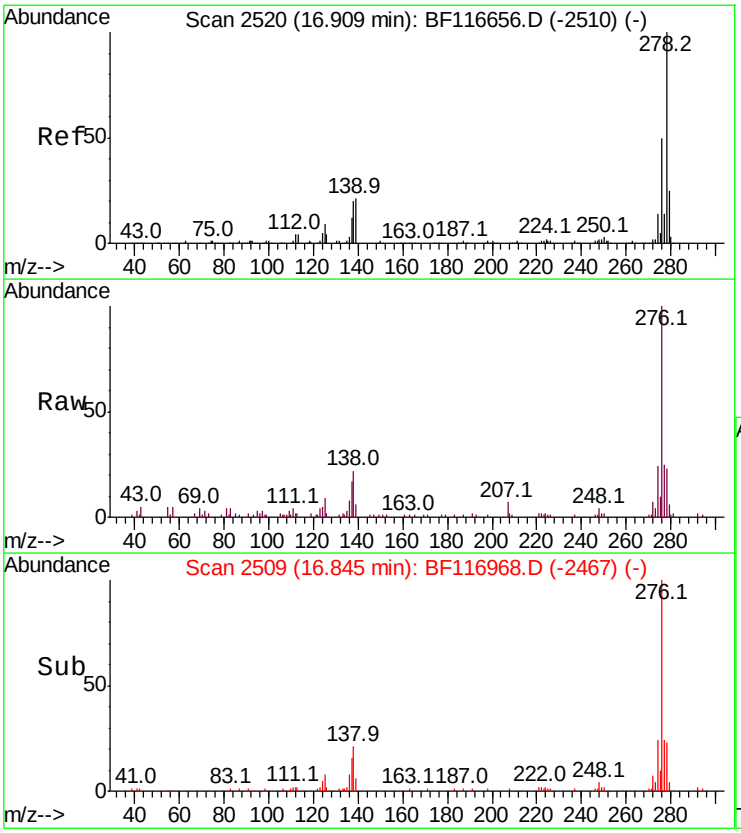
#90
Benzo(a)pyrene
Concen: 14.721 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.03 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 130926

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.1	27.1
125	11.3	9.8	14.8

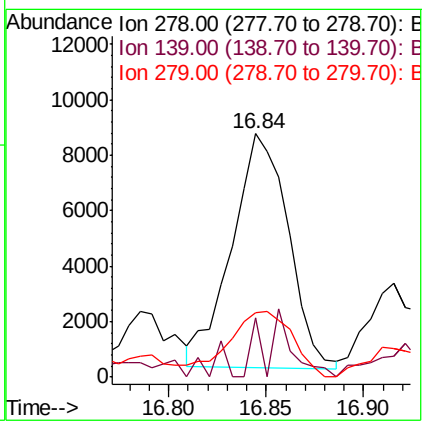


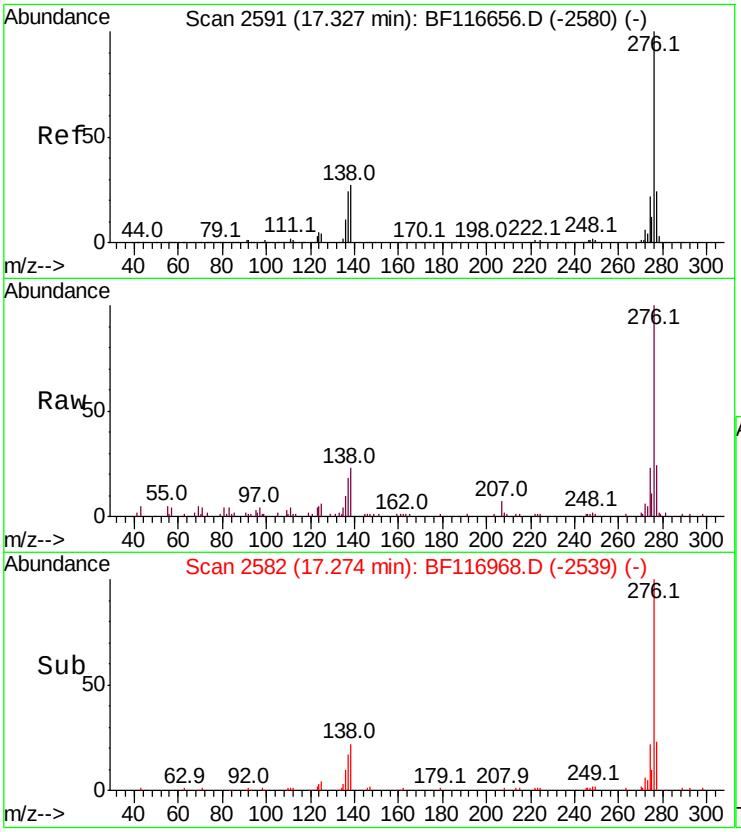


#91
Dibenzo(a,h)anthracene
Concen: 2.161 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.05 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Tgt Ion:278 Resp: 16821

Ion	Ratio	Lower	Upper
278	100		
139	24.4	12.4	18.6#
279	26.4	18.2	27.4





#92
Benzo(g,h,i)perylene
Concen: 9.487 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.05 min
Lab File: BF116968.D
Acq: 12 Sep 2019 1:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 75319

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.5	27.7
138	23.3	16.2	24.2