Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
Data File : BF116892.D
Acq On : 9 Sep 2019 2:23
Operator : HP/JU
Sample : K4650-13DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 09 03:35:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	78706	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	333386	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	173093	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	282407	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	176325	20.00	ng		0.00
87) Perylene-d12	15.45	264	180889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	192450	39.61	ng		0.00
7) Phenol-d6	6.47	99	280042	43.90	ng		0.00
23) Nitrobenzene-d5	7.40	82	168793	28.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	65410	56.53	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	327153	31.88	ng		-0.02
79) Terphenyl-d14	12.94	244	321474	33.73	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	22688	5.401	ng	#	74
25) Isophorone	7.40	82	168792	14.264	ng	#	66
50) Dimethylphthalate	9.59	163	62233	5.208	ng		99
51) 2,6-Dinitrotoluene	9.87	165	23047	10.108	ng	#	20
57) 2,4-Dinitrotoluene	9.87	165	23047	8.267	ng	#	21
71) Phenanthrene	11.38	178	399550	25.416	ng		99
72) Anthracene	11.43	178	69595	4.398	ng		97
73) Carbazole	11.59	167	31964	2.120	ng		99
75) Fluoranthene	12.57	202	927001	60.002	ng		98
78) Pyrene	12.80	202	716472	45.711	ng		98
81) Benzo(a)anthracene	13.99	228	267060	23.931	ng		98
83) Chrysene	14.02	228	290739	25.288	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	133385	14.444	ng		98
88) Benzo(b)fluoranthene	15.03	252	405336	37.063	ng		98
89) Benzo(k)fluoranthene	15.03	252	405336	40.650	ng		98
90) Benzo(a)pyrene	15.39	252	193729	20.361	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	32787	3.937	ng	#	80
92) Benzo(g,h,i)perylene	17.34	276	125744	14.804	ng		94

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

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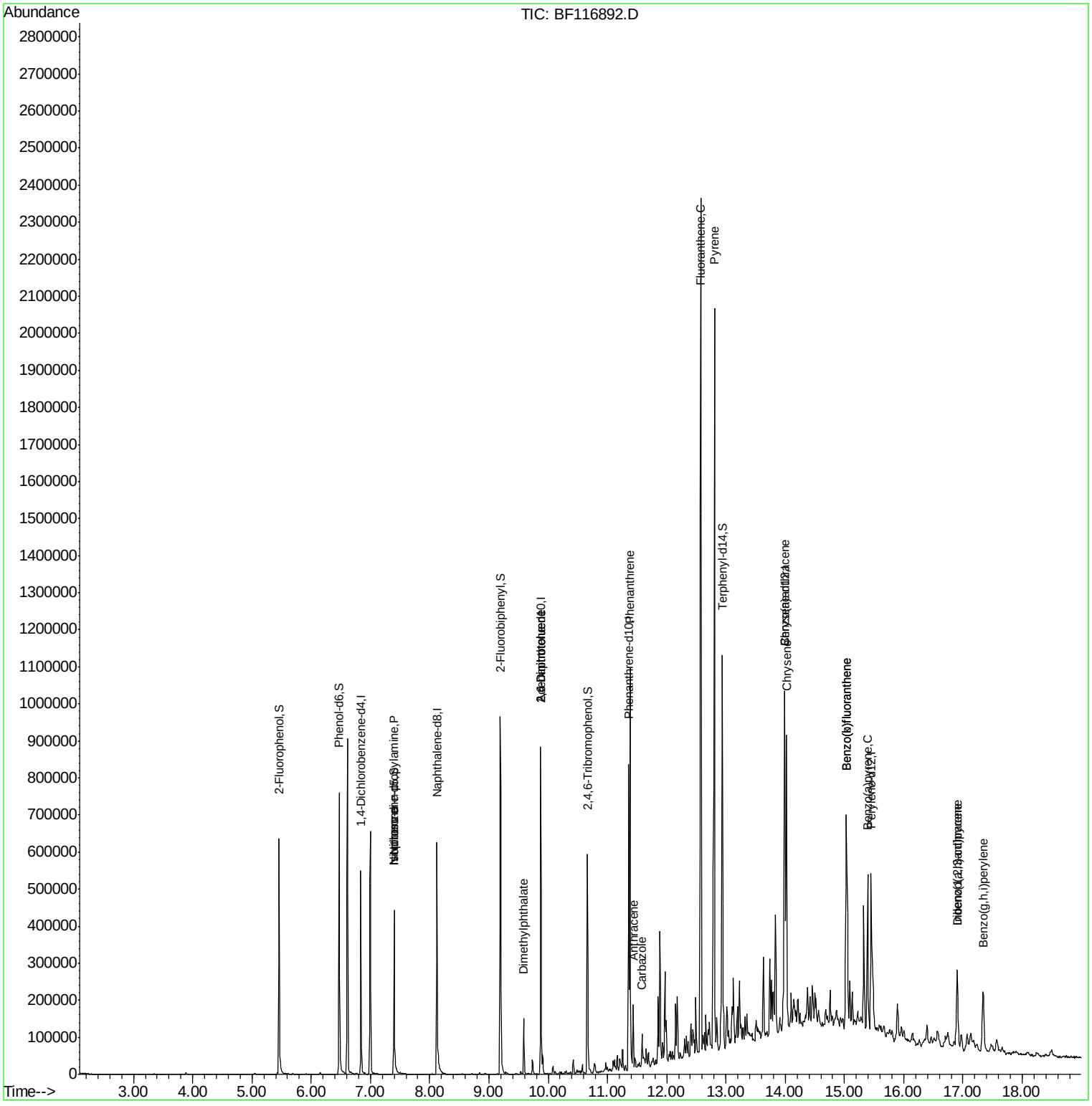
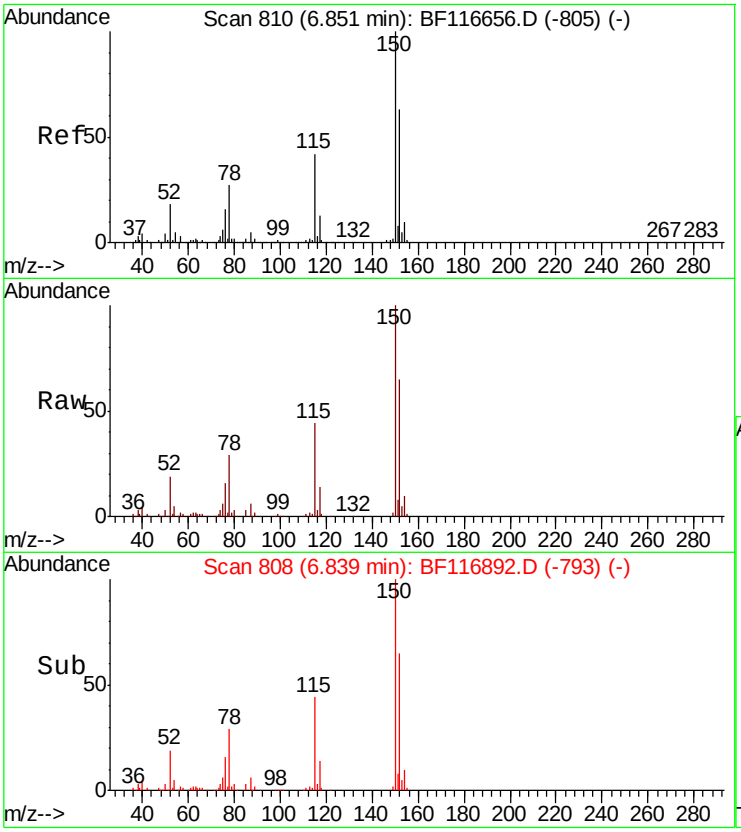


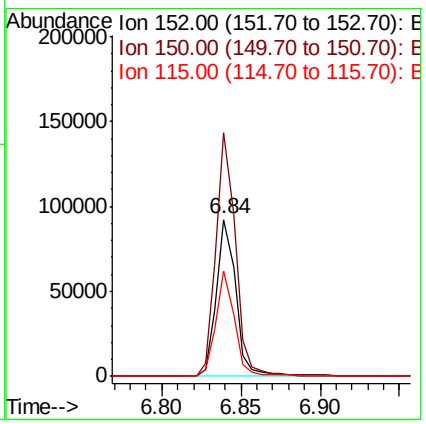


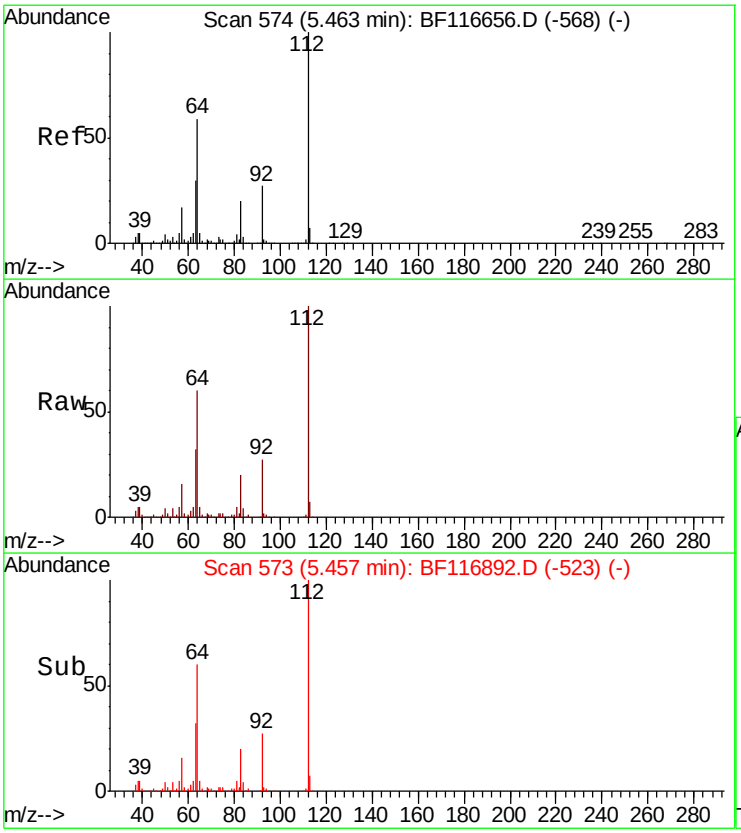
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78706

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.4	186.6
115	67.4	49.9	74.9

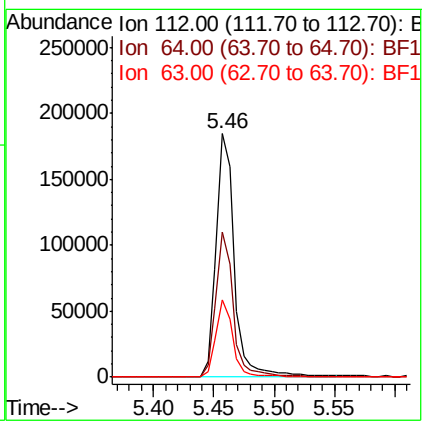


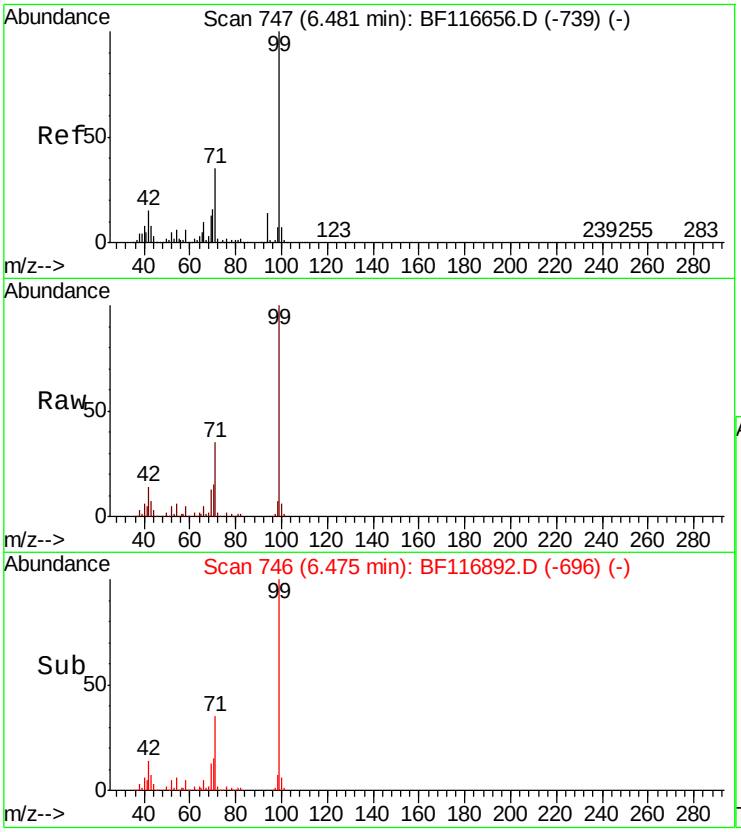


#5
2-Fluorophenol
Concen: 39.613 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:112 Resp: 192450

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.1	70.7
63	31.8	24.9	37.3



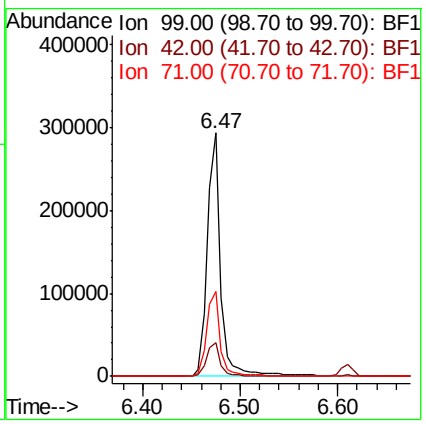


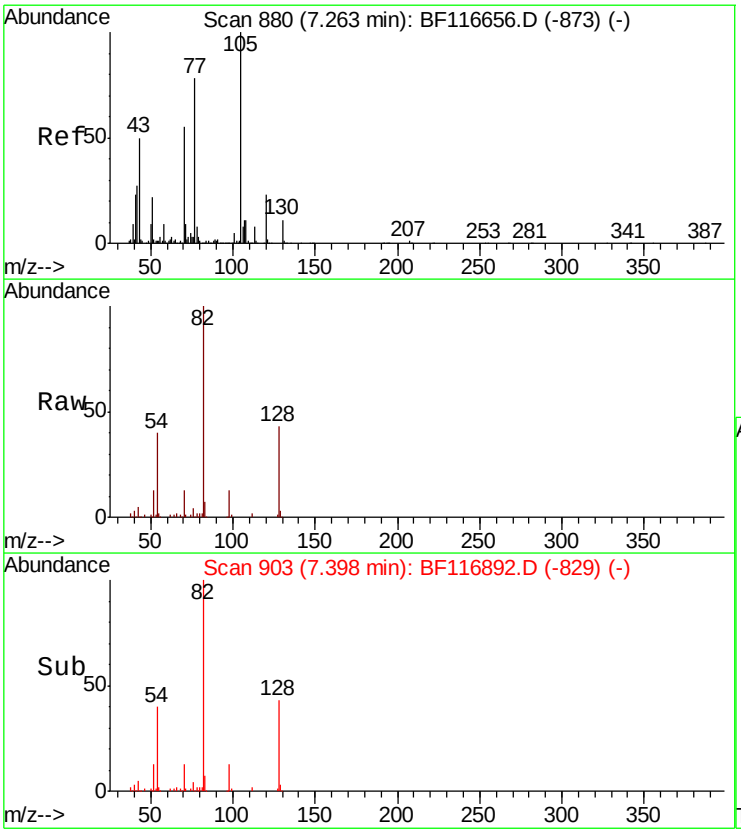
#7
Phenol-d6
Concen: 43.898 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 280042

Ion	Ratio	Lower	Upper
99	100		
42	13.8	13.7	20.5
71	34.7	30.8	46.2

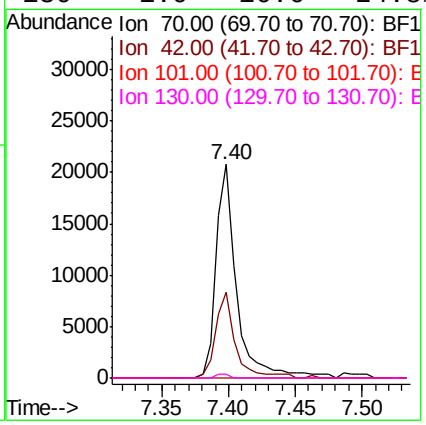


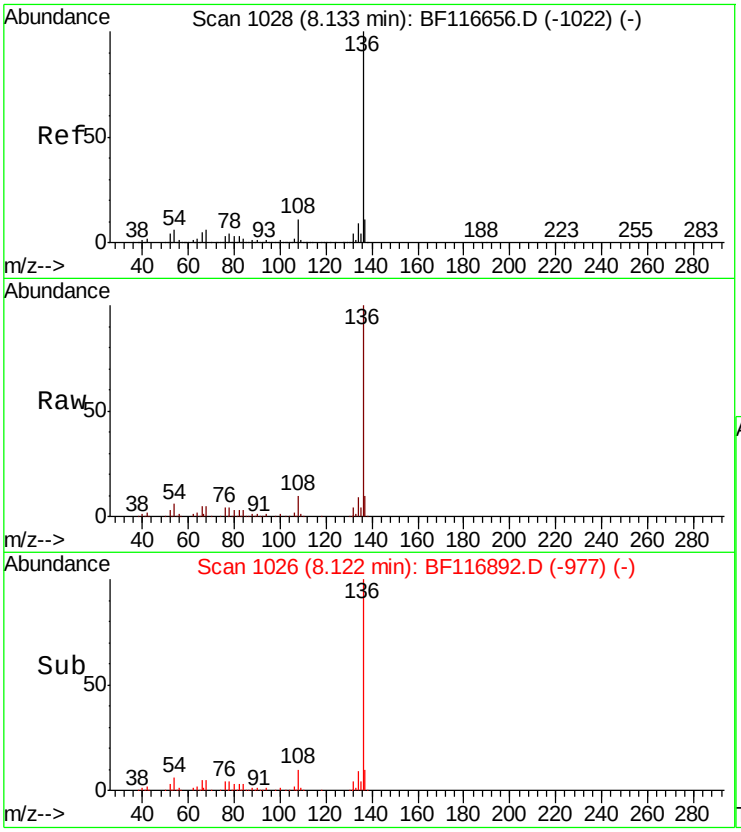


#19
n-Nitroso-di-n-propylamine
Concen: 5.401 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion: 70 Resp: 22688

Ion	Ratio	Lower	Upper
70	100		
42	40.1	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



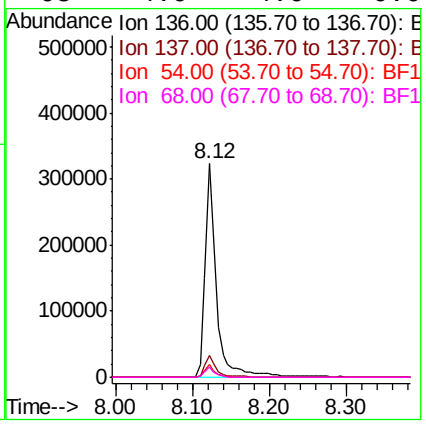


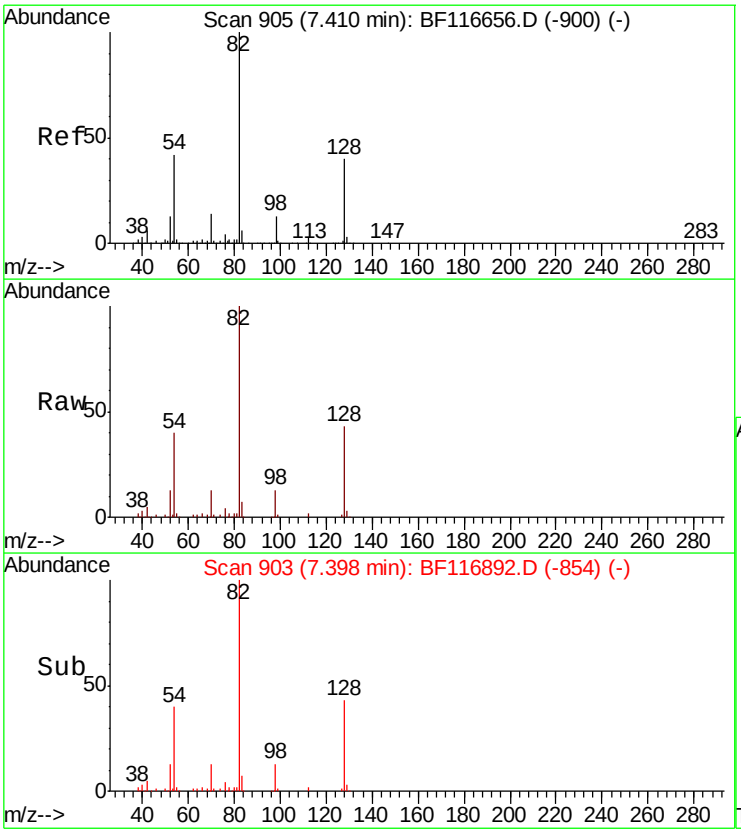
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 333386

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	5.8	4.8	7.2
68	4.9	4.0	6.0

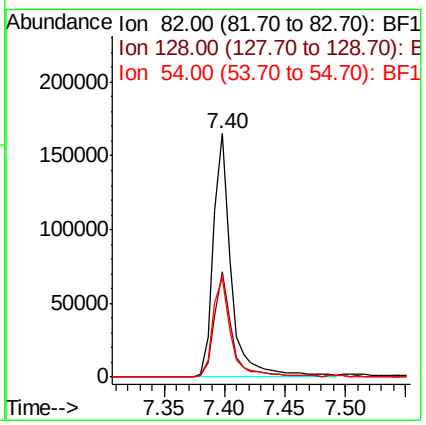


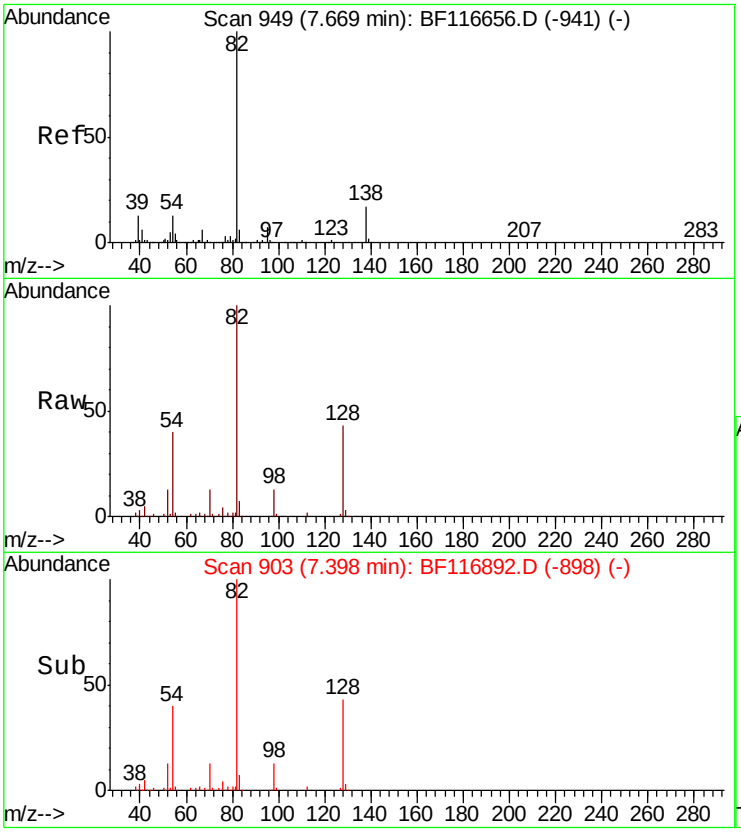


#23
Nitrobenzene-d5
Concen: 28.903 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion: 82 Resp: 168793

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.8	49.2
54	40.4	36.9	55.3



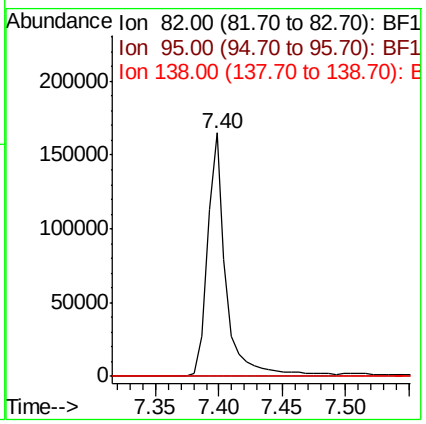


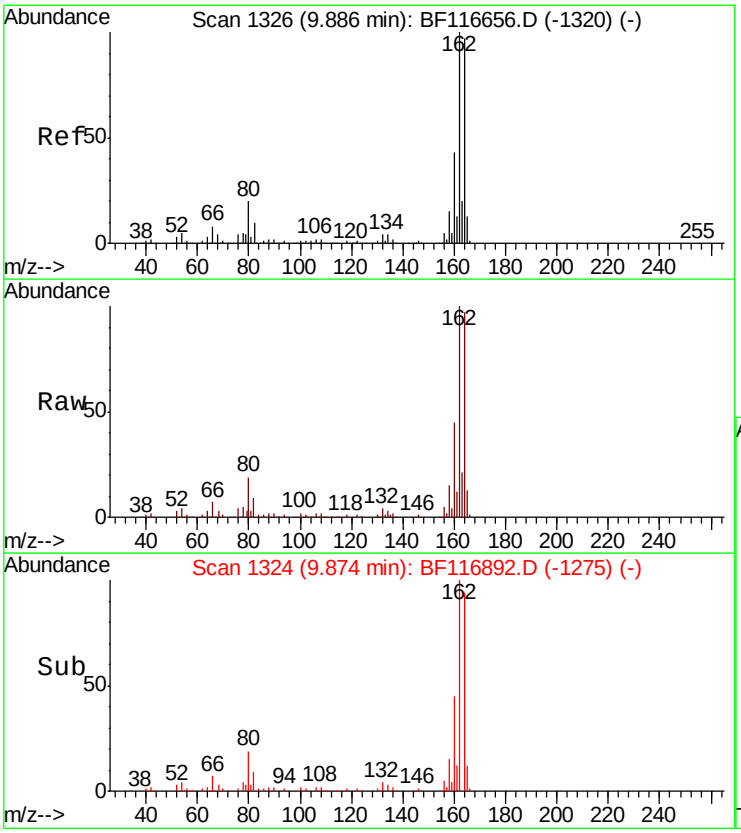
#25
Isophorone
Concen: 14.264 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 168792

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

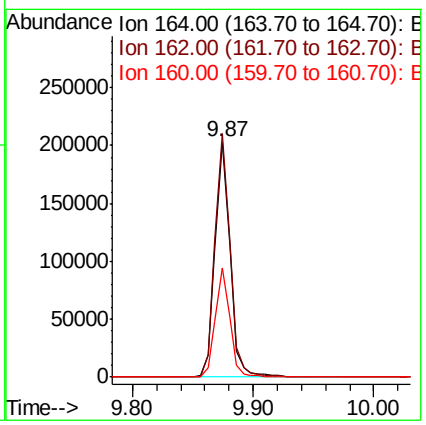


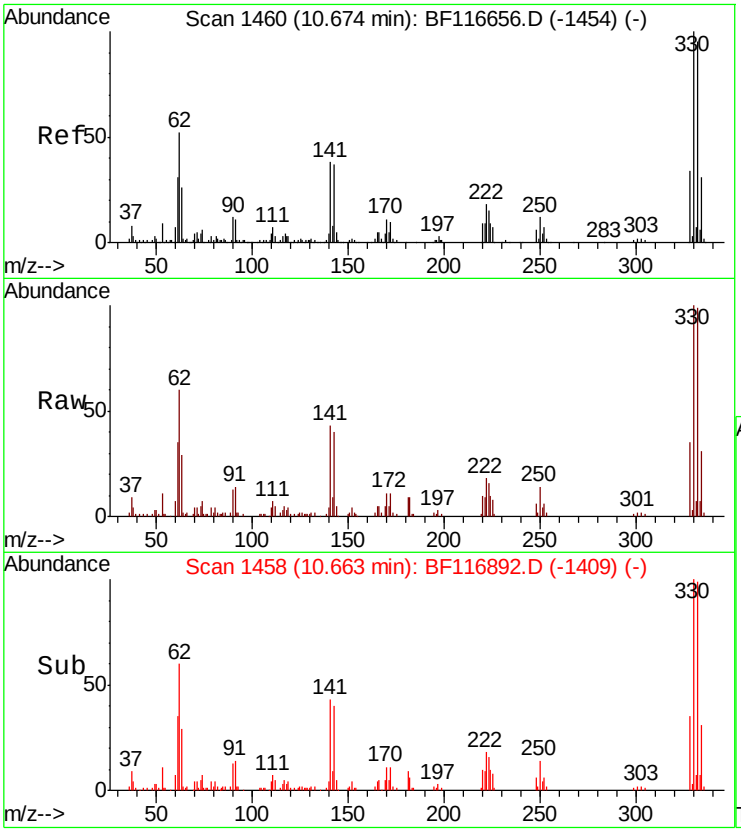


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:164 Resp: 173093

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	46.3	35.4	53.2



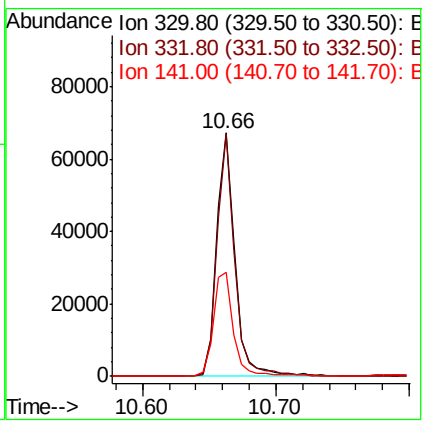


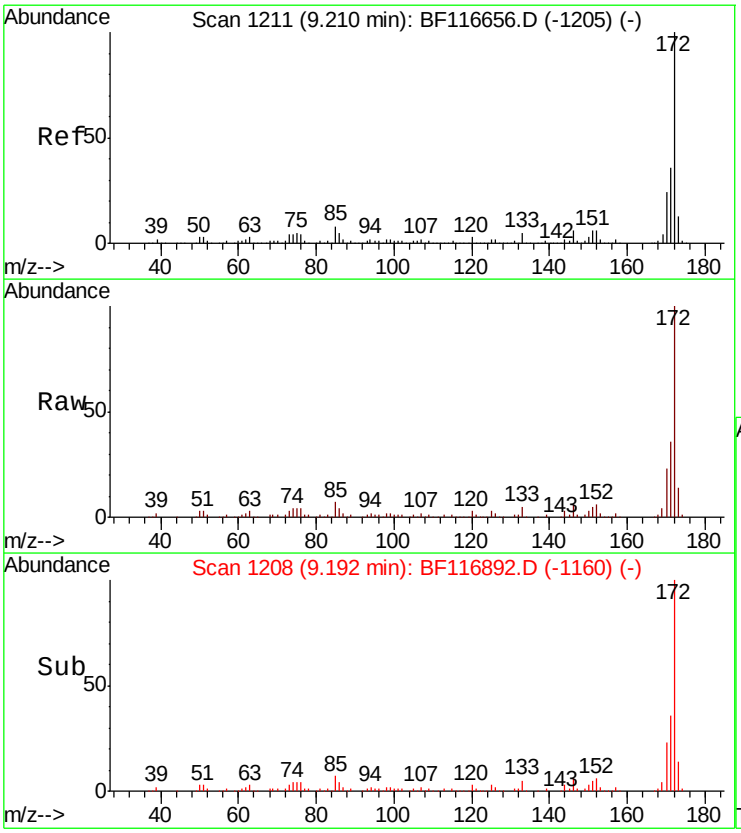
#42
2,4,6-Tribromophenol
Concen: 56.526 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 65410

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	46.8	31.4	47.2

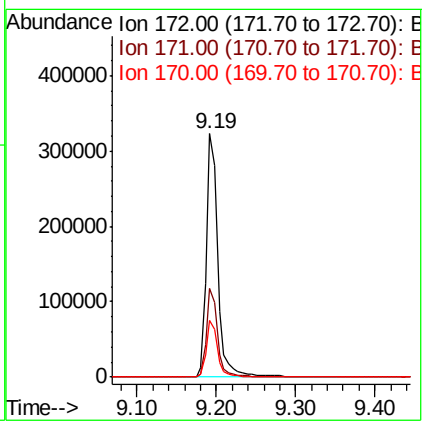


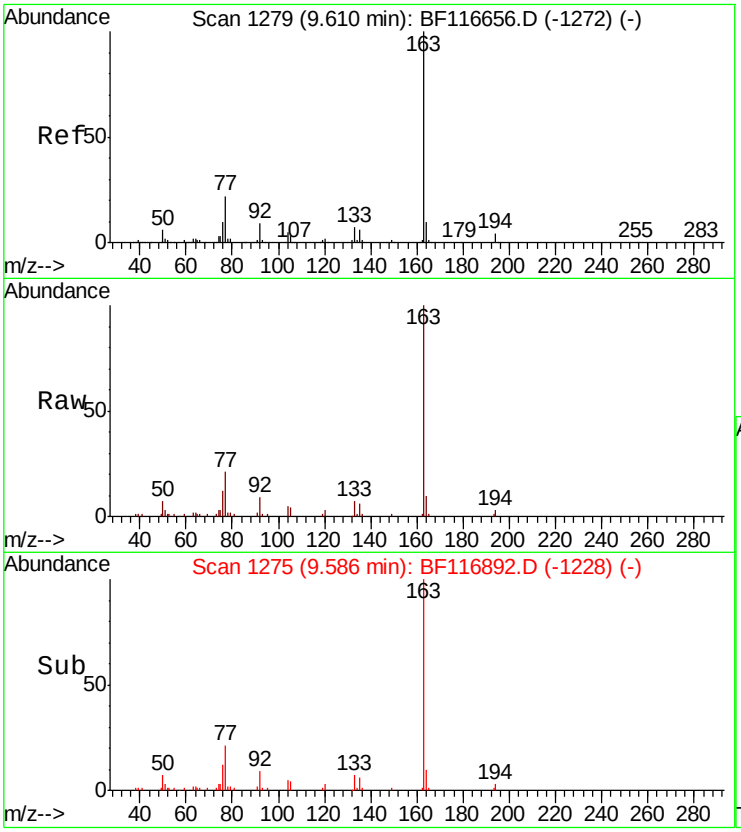


#45
2-Fluorobiphenyl
Concen: 31.883 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:172 Resp: 327153

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.6
170	23.1	18.9	28.3



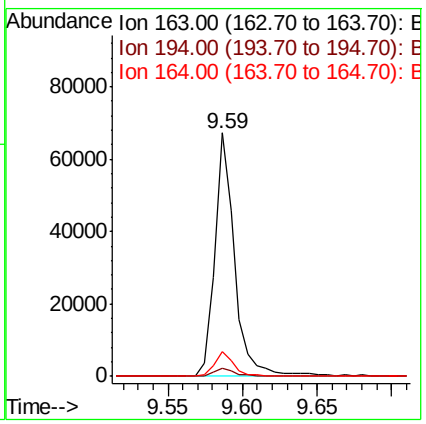


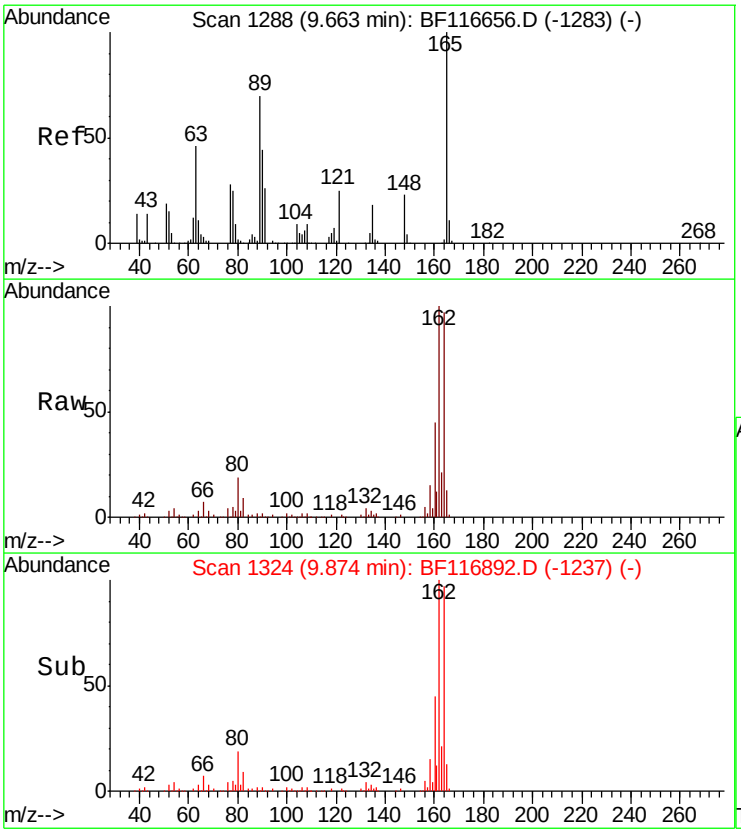
#50
Dimethylphthalate
Concen: 5.208 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 62233

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.1	8.6	12.8

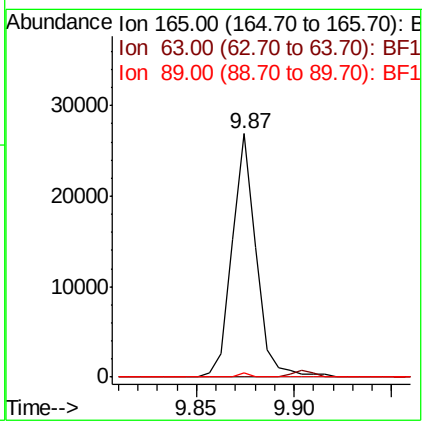


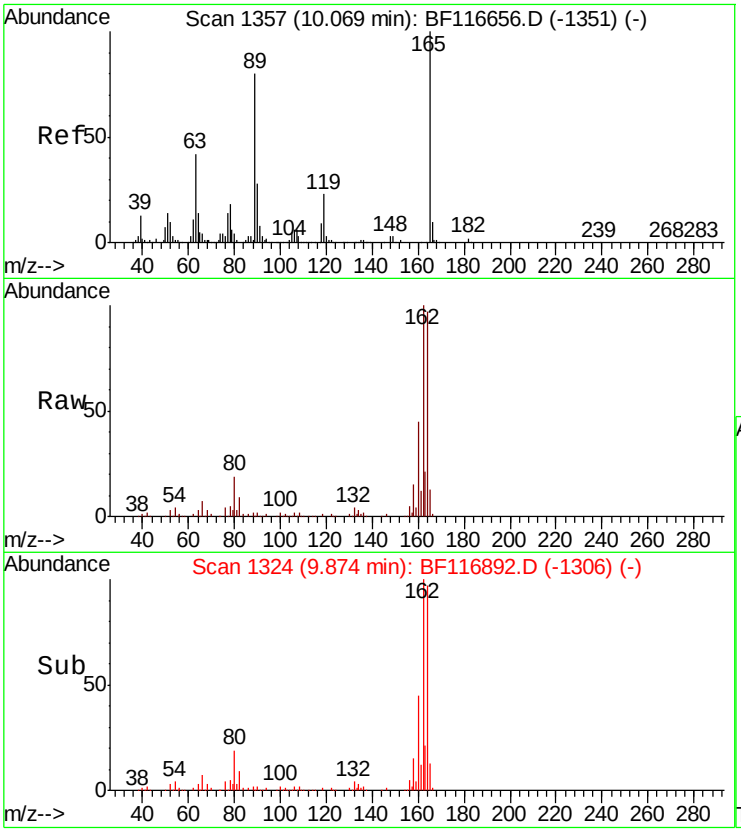


#51
2,6-Dinitrotoluene
Concen: 10.108 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:165 Resp: 23047

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	1.7	52.5	78.7#



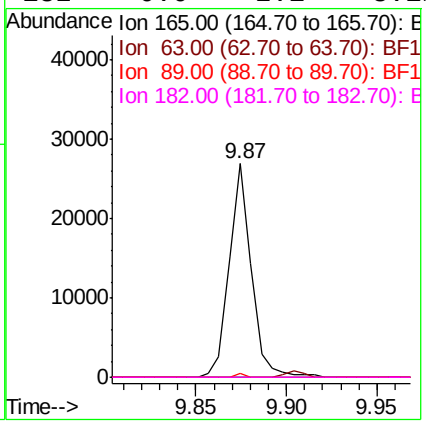


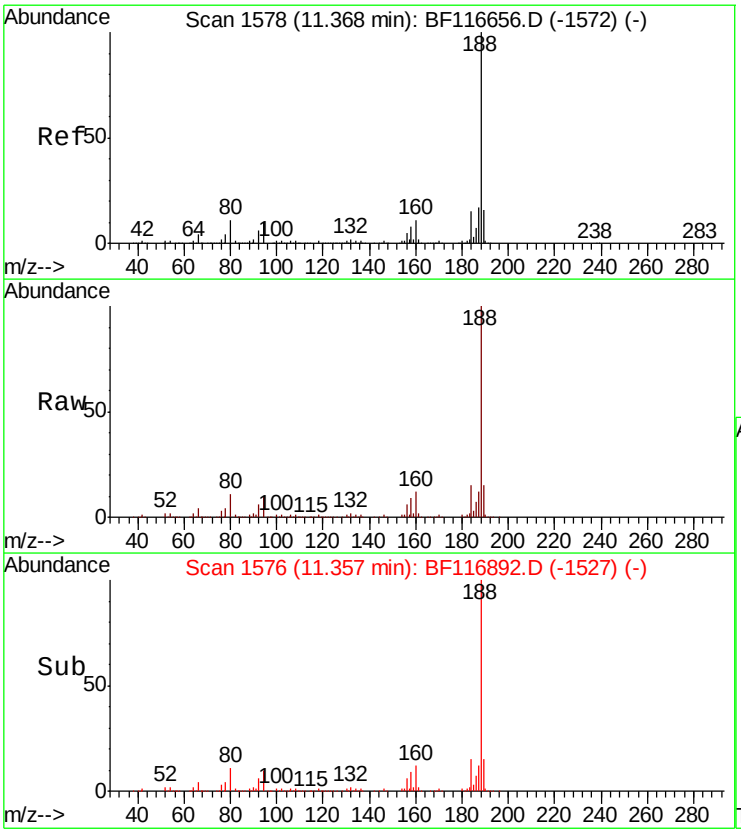
#57
2,4-Dinitrotoluene
Concen: 8.267 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23047

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	62.6	94.0#
182	0.0	2.1	3.1#

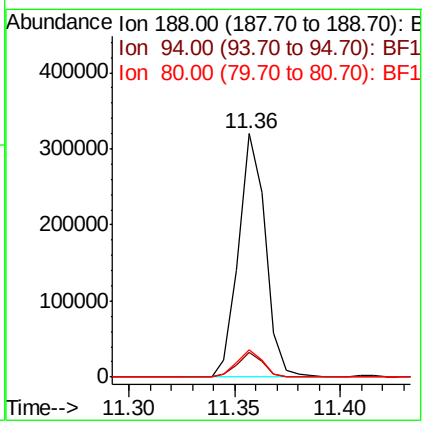


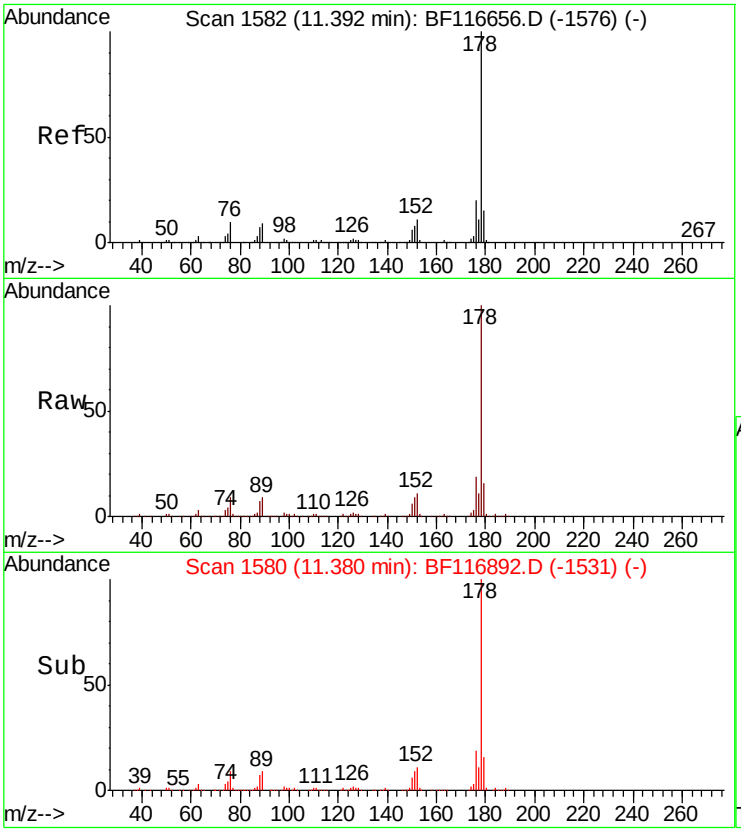


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:188 Resp: 282407

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.3	10.9
80	11.1	8.4	12.6



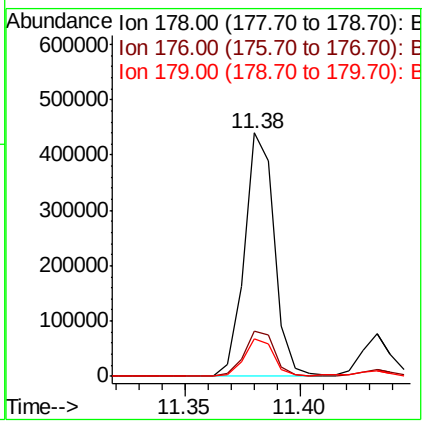


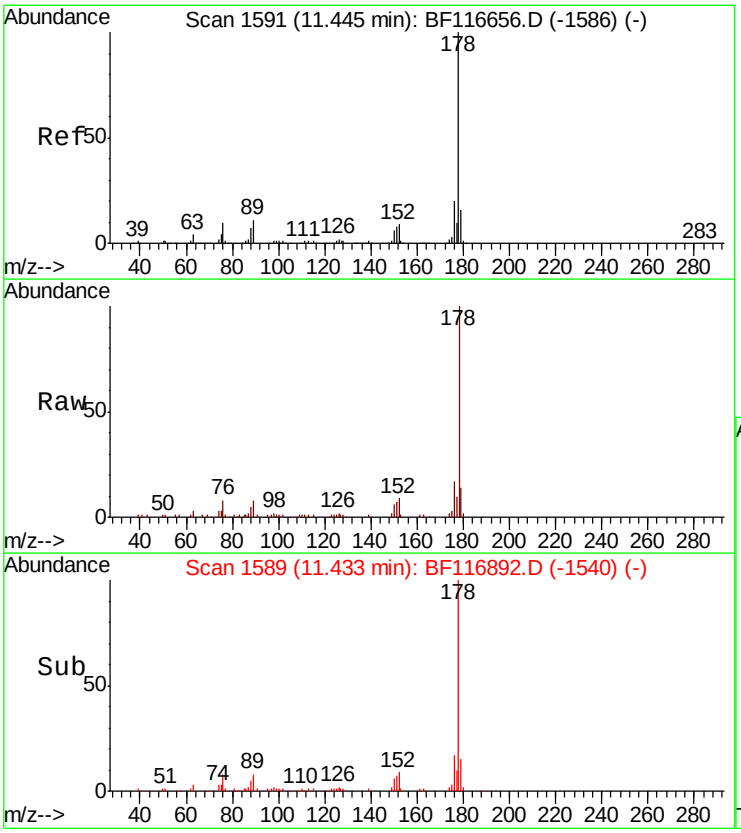
#71
Phenanthrene
Concen: 25.416 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 399550

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.7	12.2	18.2

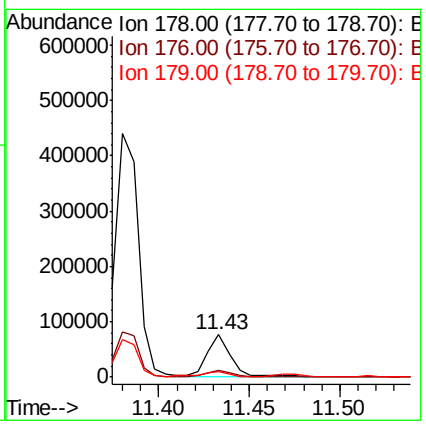


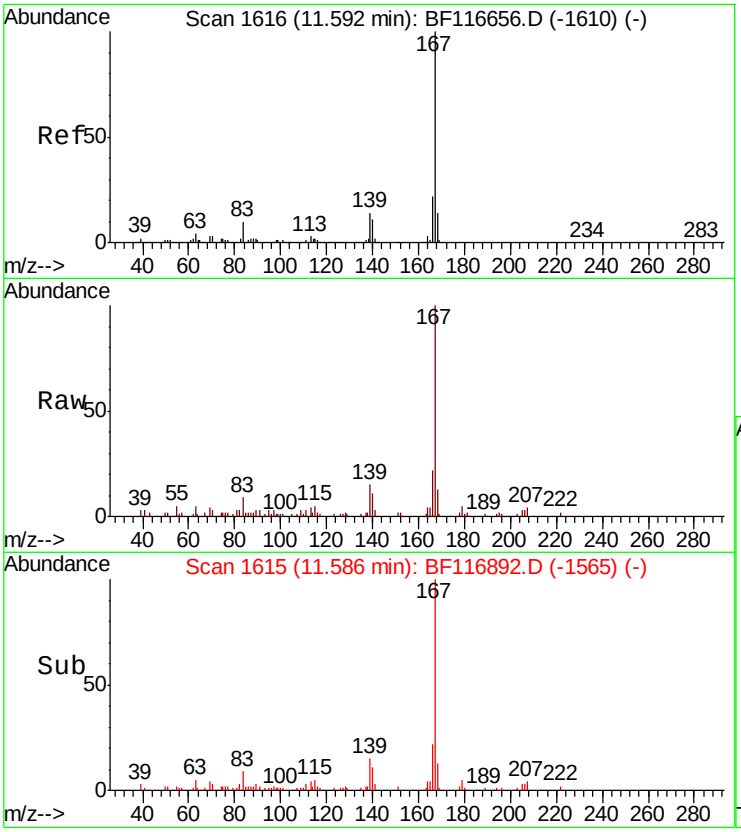


#72
Anthracene
Concen: 4.398 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:178 Resp: 69595

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.0
179	14.5	12.5	18.7



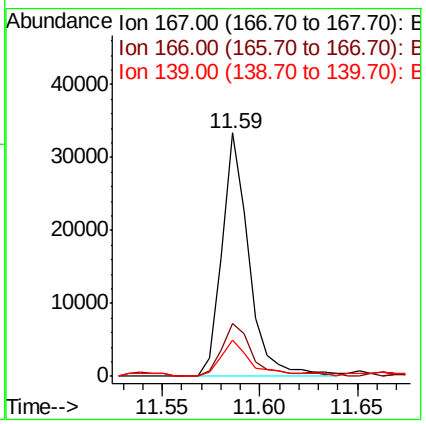


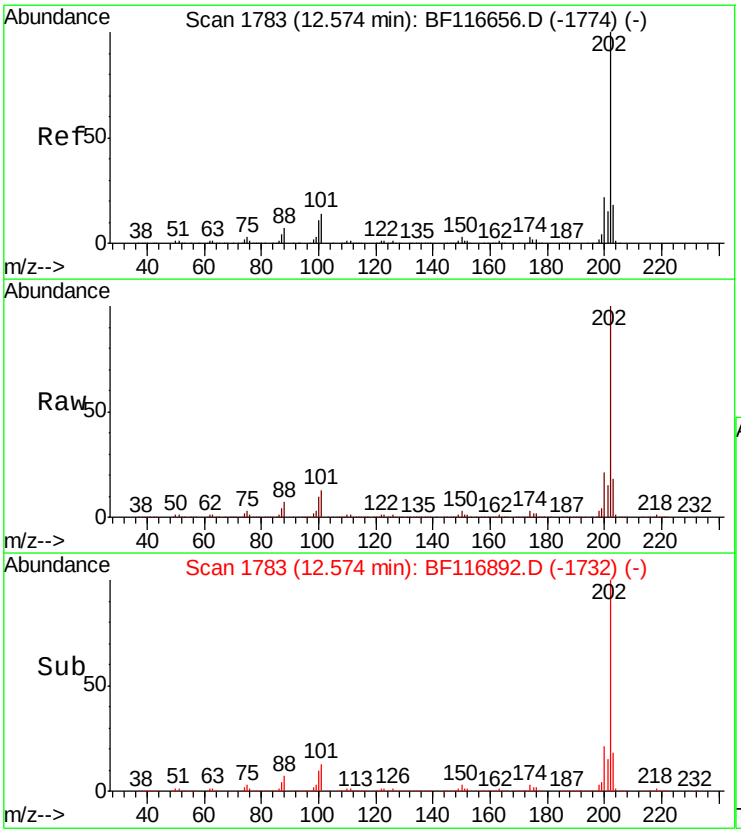
#73
Carbazole
Concen: 2.120 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 31964

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	15.0	11.1	16.7

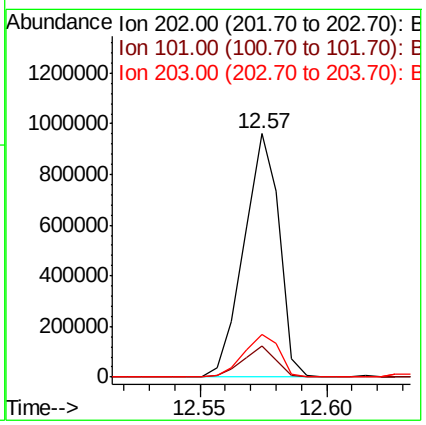


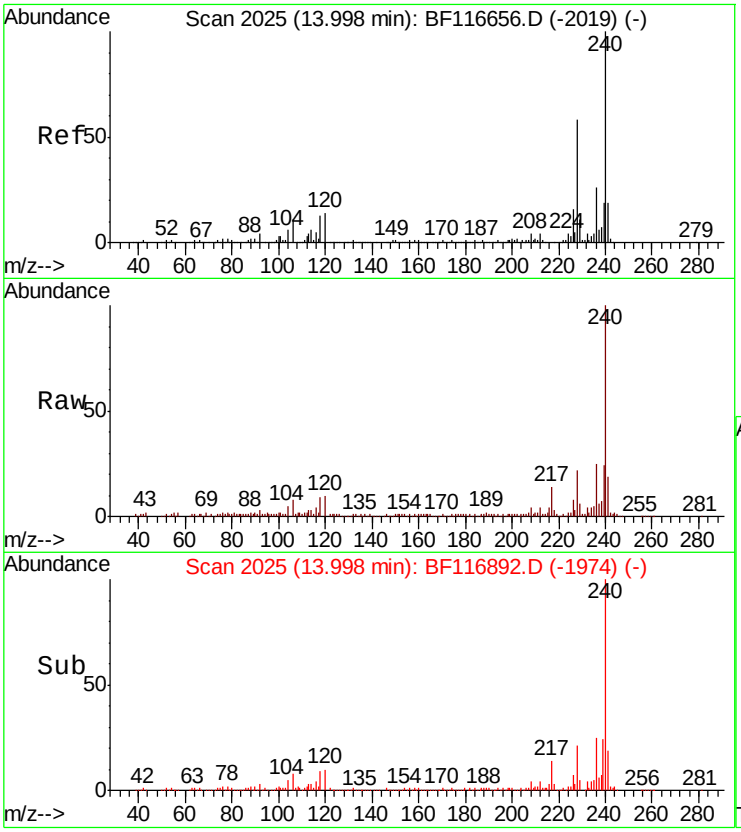


#75
Fluoranthene
Concen: 60.002 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:202 Resp: 927001

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.3
203	17.6	0.0	37.6



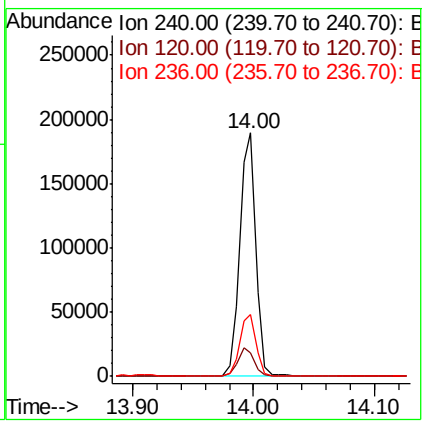


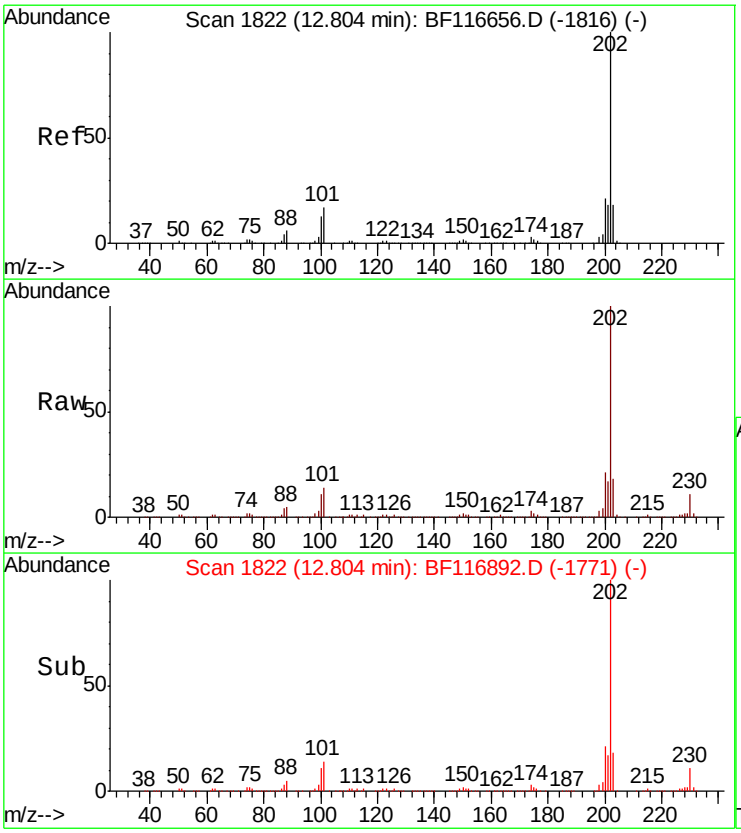
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 176325

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.1	13.7
236	25.5	21.1	31.7

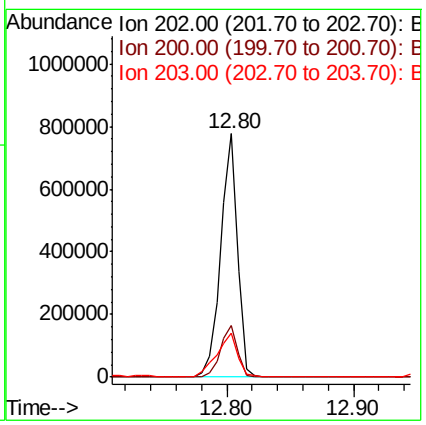


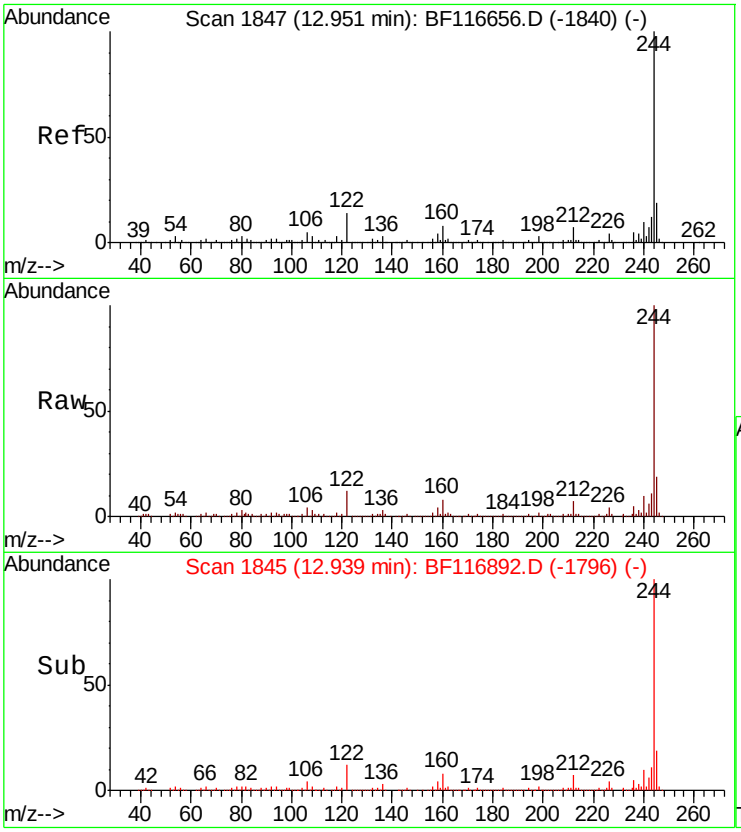


#78
Pyrene
Concen: 45.711 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:202 Resp: 716472

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.5	24.7
203	18.0	13.7	20.5



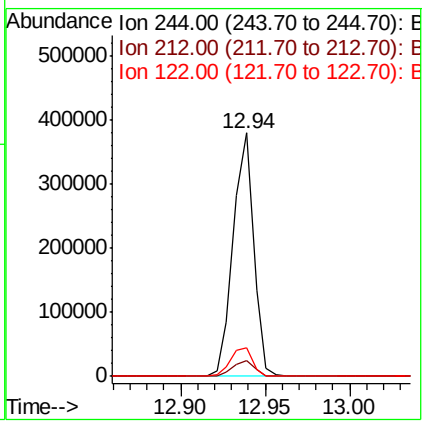


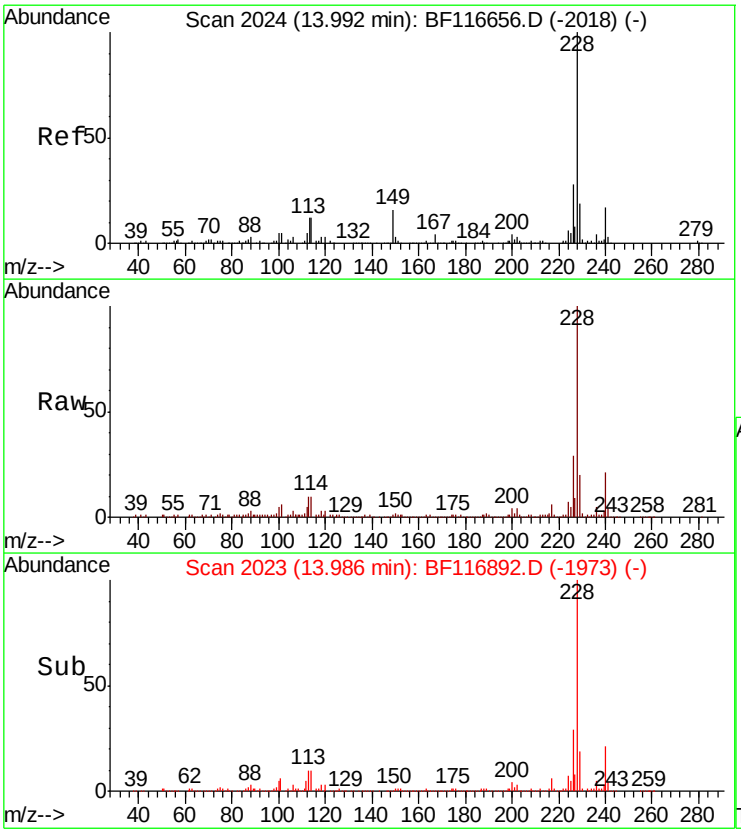
#79
Terphenyl-d14
Concen: 33.728 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 321474

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	11.8	10.2	15.4

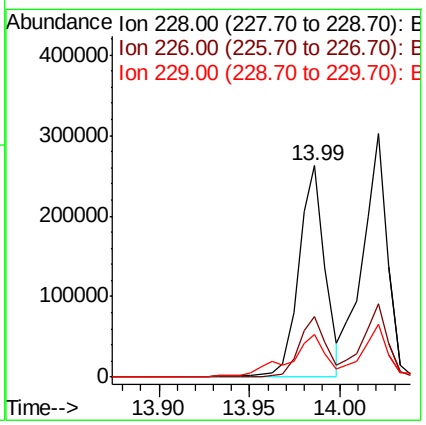


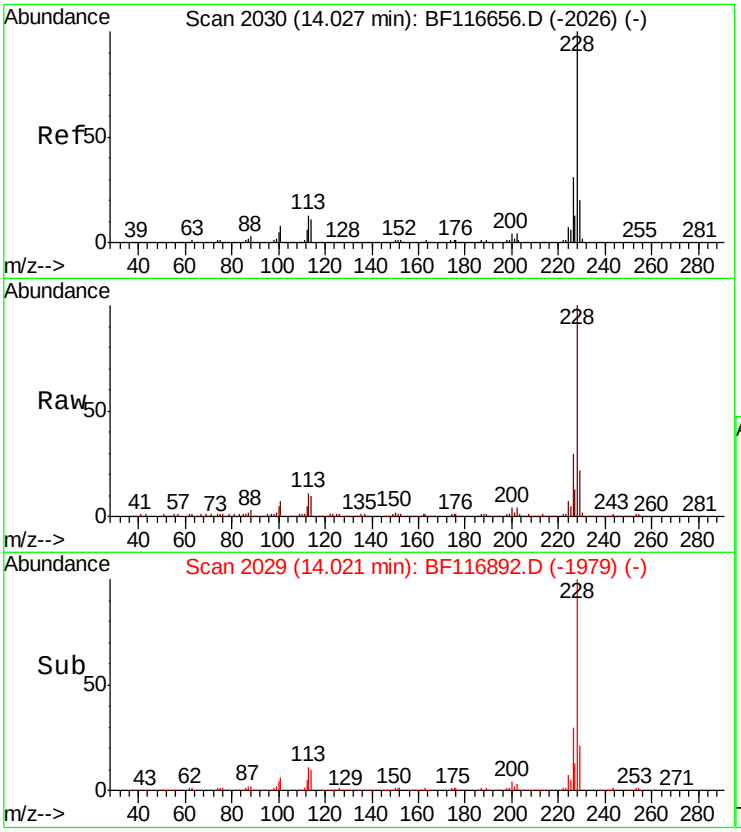


#81
Benzo(a)anthracene
Concen: 23.931 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:228 Resp: 267060

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.0	33.0
229	20.0	16.4	24.6



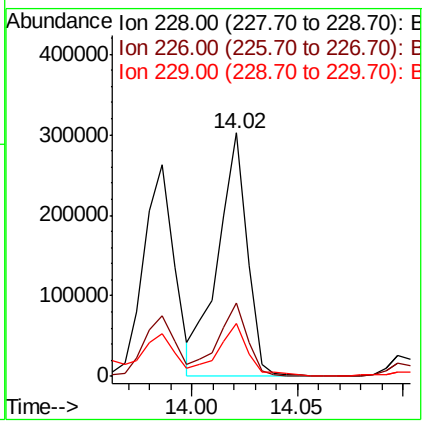


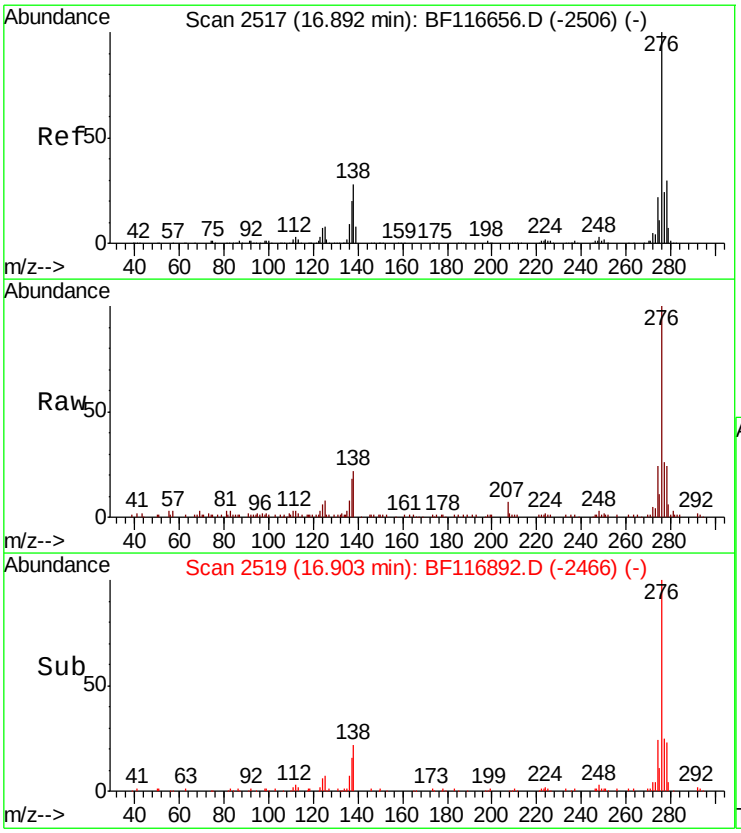
#83
Chrysene
Concen: 25.288 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 290739

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	21.9	15.4	23.0

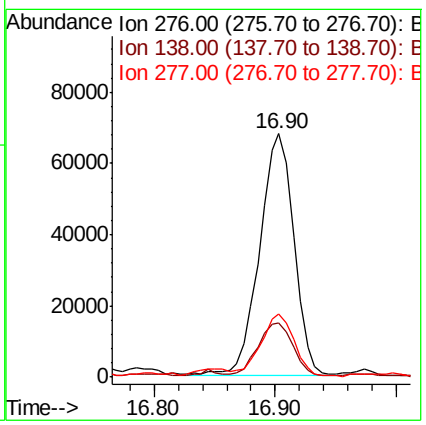


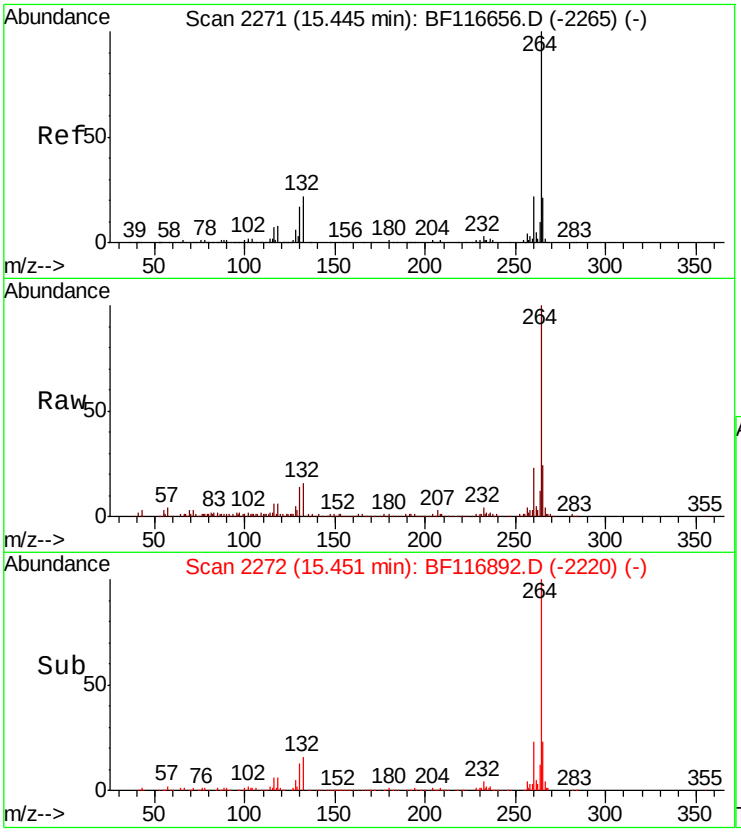


#86
Indeno(1,2,3-cd)pyrene
Concen: 14.444 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:276 Resp: 133385

Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.4	29.2
277	26.0	20.5	30.7



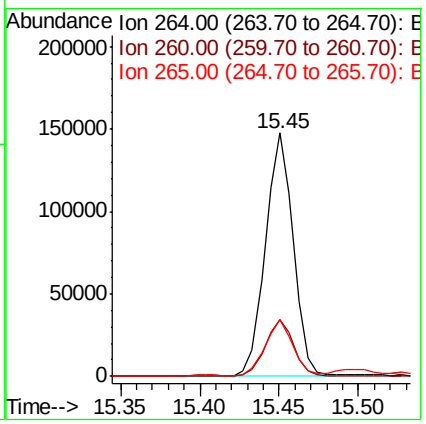


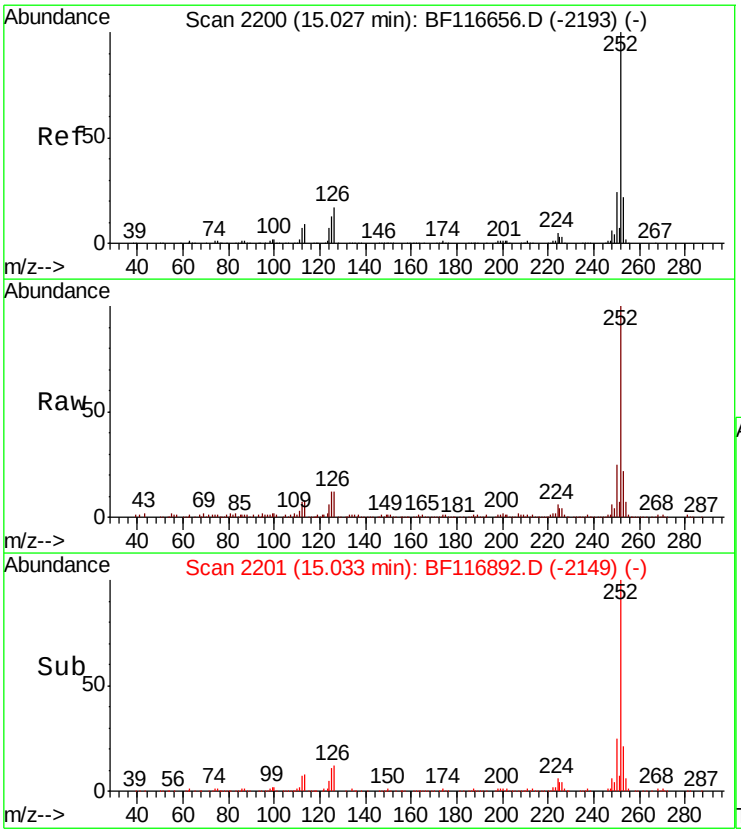
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 180889

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	23.5	16.5	24.7

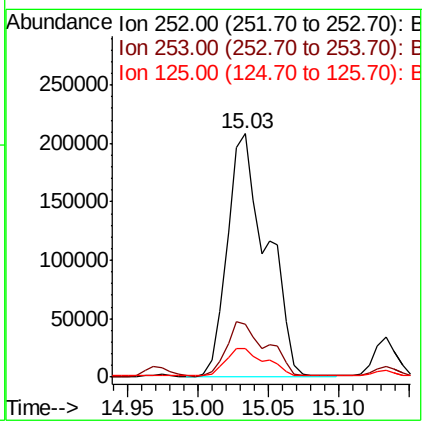


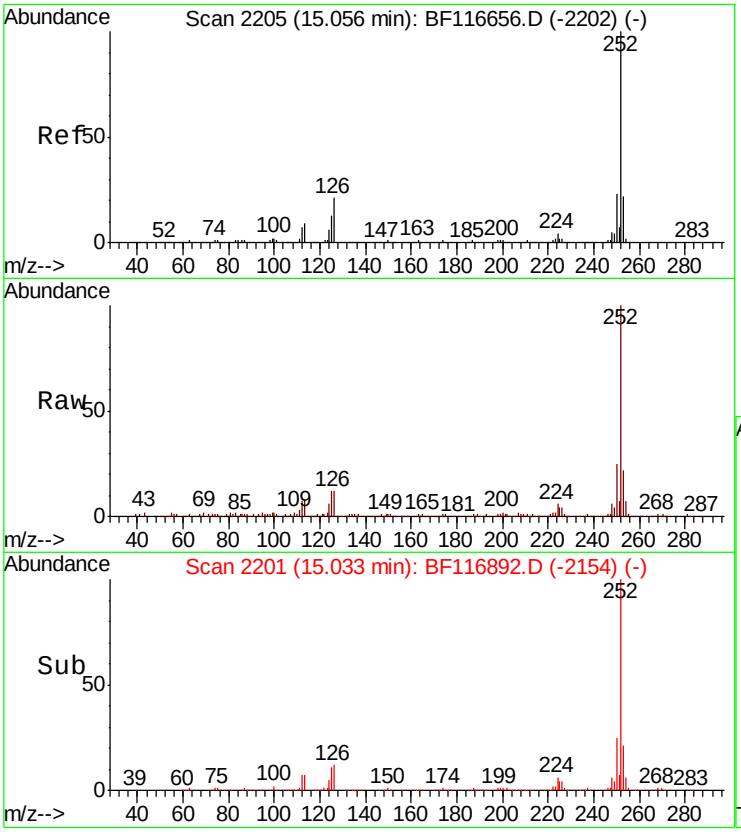


#88
Benzo(b)fluoranthene
Concen: 37.063 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:252 Resp: 405336

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.9	8.2	12.2



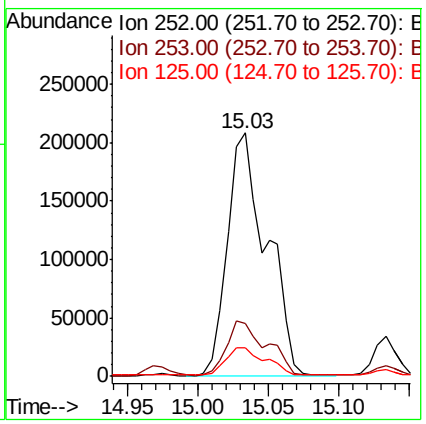


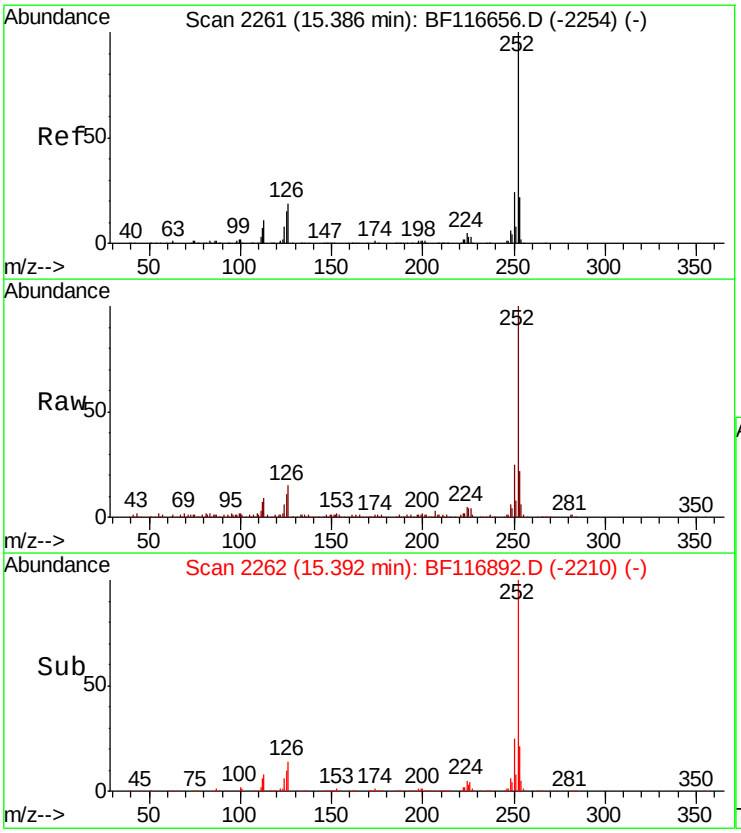
#89
Benzo(k)fluoranthene
Concen: 40.650 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 405336

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.9	8.6	13.0

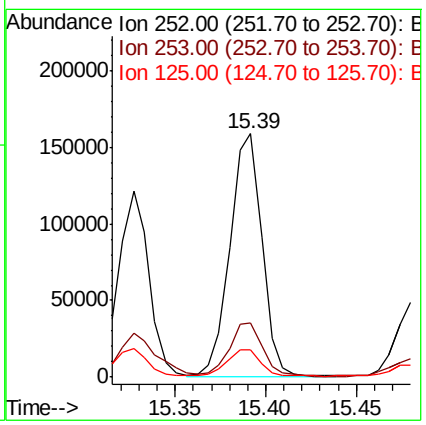


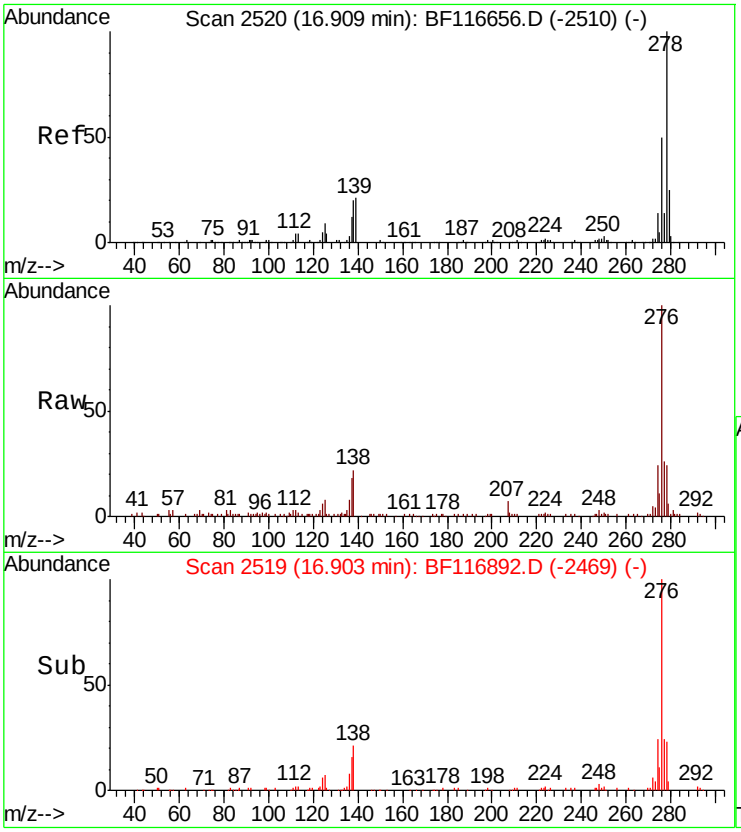


#90
Benzo(a)pyrene
Concen: 20.361 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:252 Resp: 193729

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.3	9.8	14.8



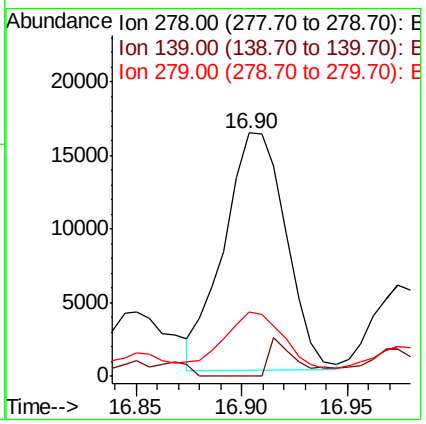


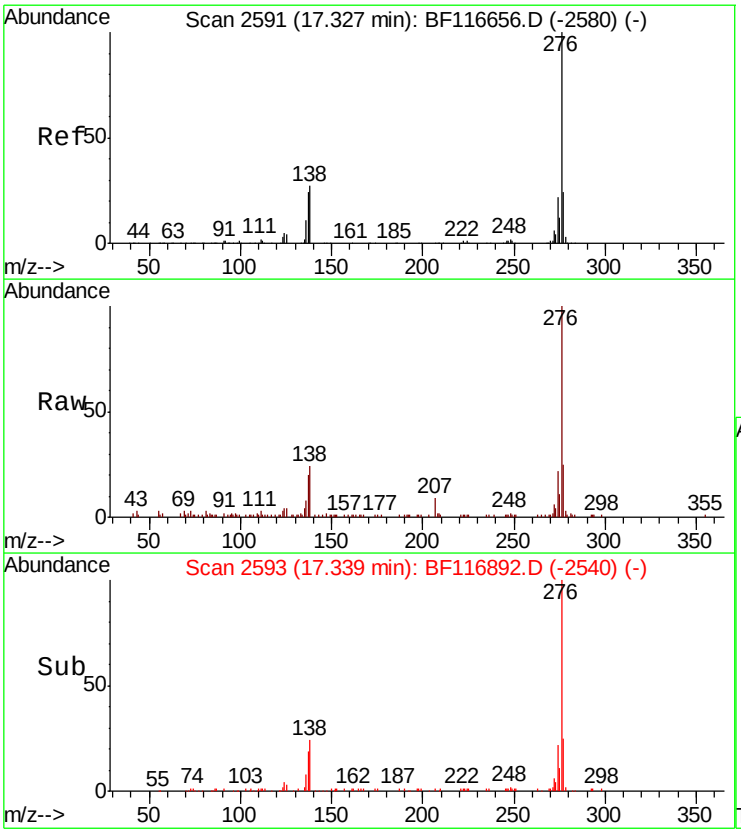
#91
Dibenzo(a,h)anthracene
Concen: 3.937 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 32787

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	26.7	18.2	27.4





#92
Benzo(g,h,i)perylene
Concen: 14.804 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116892.D
Acq: 9 Sep 2019 2:23

Tgt Ion:276 Resp: 125744

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.5	27.7
138	23.9	16.2	24.2