Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
Data File : BF116888.D
Acq On : 9 Sep 2019 00:02
Operator : HP/JU
Sample : K4636-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 09 02:17:18 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	85874	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	351519	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	185855	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	299226	20.00	ng		-0.01
76) Chrysene-d12	13.99	240	177007	20.00	ng		0.00
87) Perylene-d12	15.44	264	182004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	449002	84.71	ng		0.00
7) Phenol-d6	6.47	99	623478	89.58	ng		0.00
23) Nitrobenzene-d5	7.40	82	390865	63.48	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	127404	102.54	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	659307	59.84	ng		-0.02
79) Terphenyl-d14	12.94	244	588565	61.51	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.48	94	19469	2.526	ng	#	64
19) n-Nitroso-di-n-propylamine	7.40	70	50151	10.943	ng	#	73
25) Isophorone	7.40	82	390895	31.328	ng	#	66
50) Dimethylphthalate	9.59	163	83678	6.521	ng		97
51) 2,6-Dinitrotoluene	9.87	165	22889	9.350	ng	#	21
52) Acenaphthene	9.90	154	30892	2.978	ng		97
56) 4-Nitrophenol	10.08	139	10443	4.964	ng	#	1
57) 2,4-Dinitrotoluene	9.87	165	22889	7.646	ng	#	21
58) Fluorene	10.42	166	39611	3.554	ng		99
65) 4,6-Dinitro-2-methylphenol	10.66	198	137	7.556	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	8322	2.738	ng	#	1
71) Phenanthrene	11.38	178	460421	27.642	ng		99
72) Anthracene	11.43	178	106518	6.353	ng		99
73) Carbazole	11.59	167	49900	3.124	ng		99
75) Fluoranthene	12.57	202	558412	34.113	ng		99
78) Pyrene	12.80	202	496230	31.537	ng		98
81) Benzo(a)anthracene	13.98	228	228910	20.433	ng		100
83) Chrysene	14.02	228	200007	17.329	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	94979	10.245	ng		98
88) Benzo(b)fluoranthene	15.03	252	283879	25.799	ng		99
89) Benzo(k)fluoranthene	15.03	252	283879	28.295	ng		100
90) Benzo(a)pyrene	15.39	252	158549	16.562	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	26035	3.107	ng		93
92) Benzo(g,h,i)perylene	17.33	276	85445	9.998	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 9 Sep 2019 00:02
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 09 02:17:18 2019
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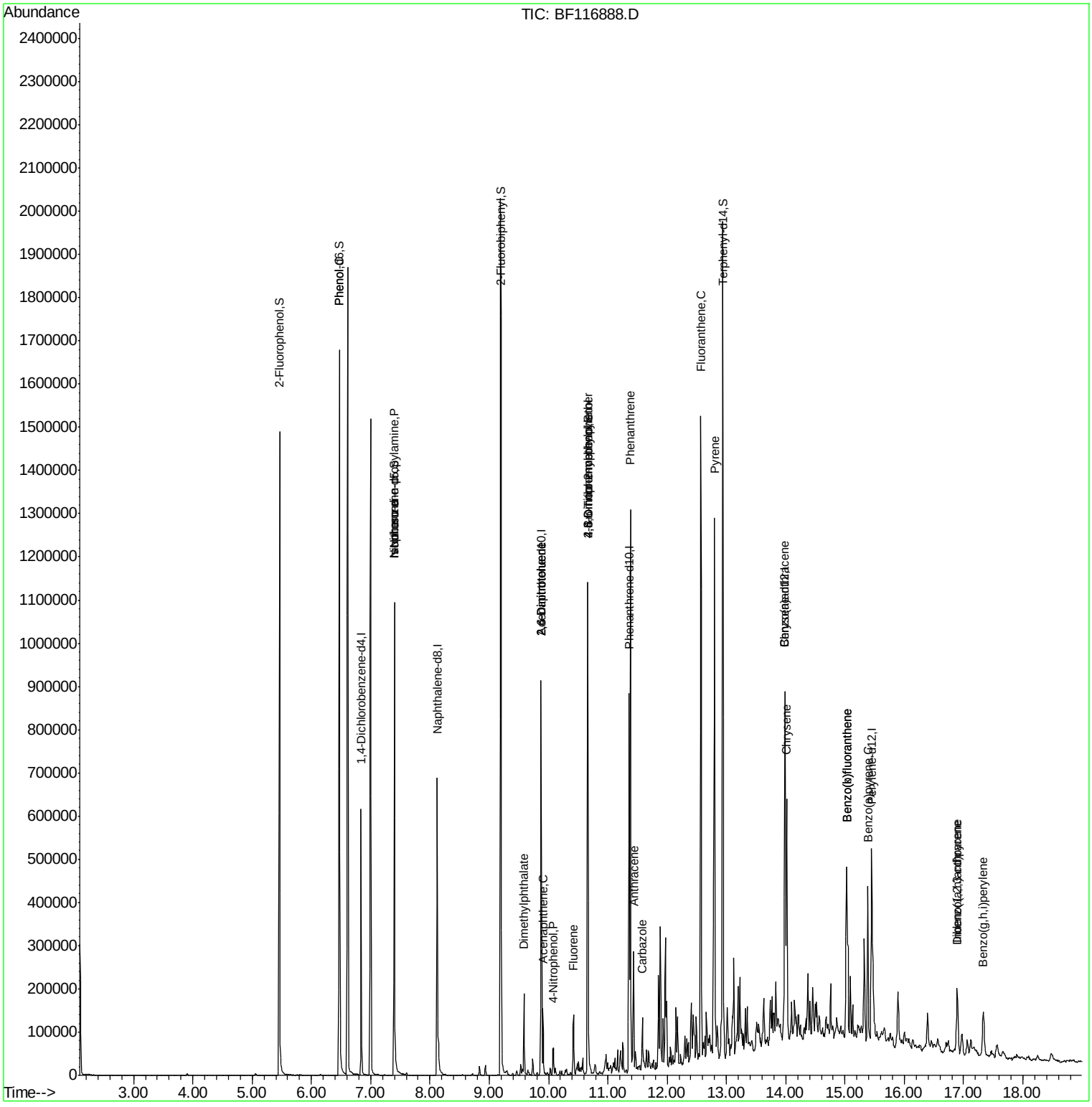
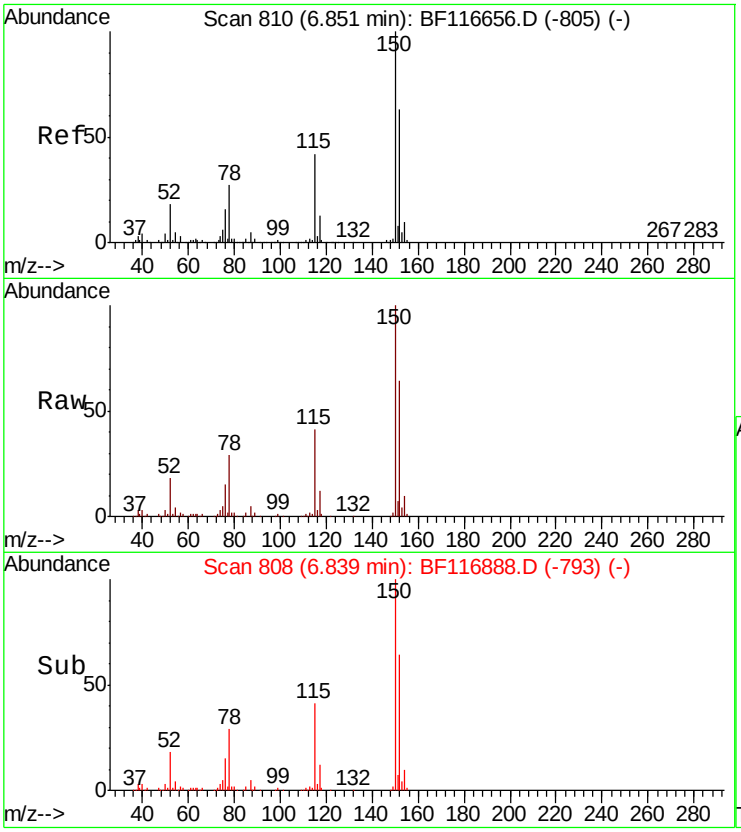
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



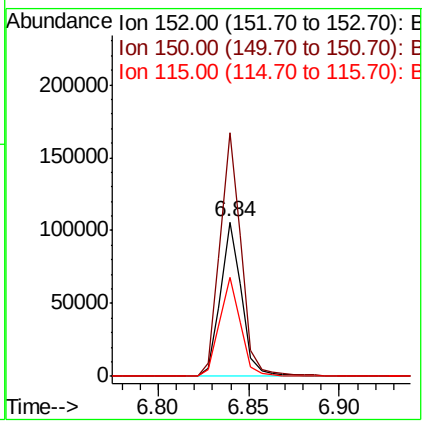


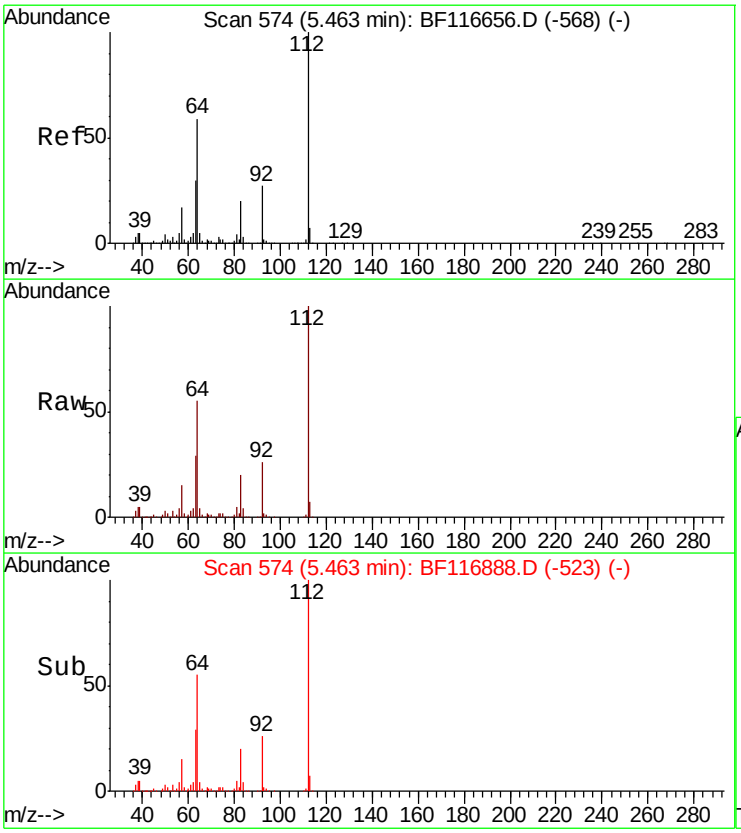
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 85874

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	64.0	49.9	74.9

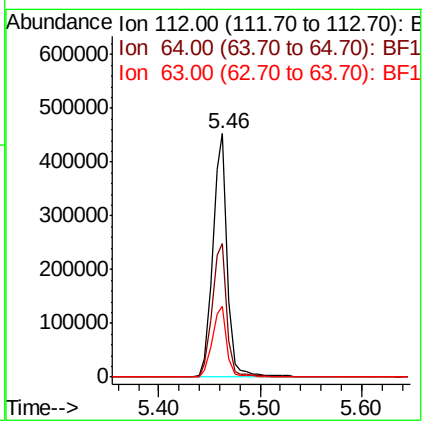


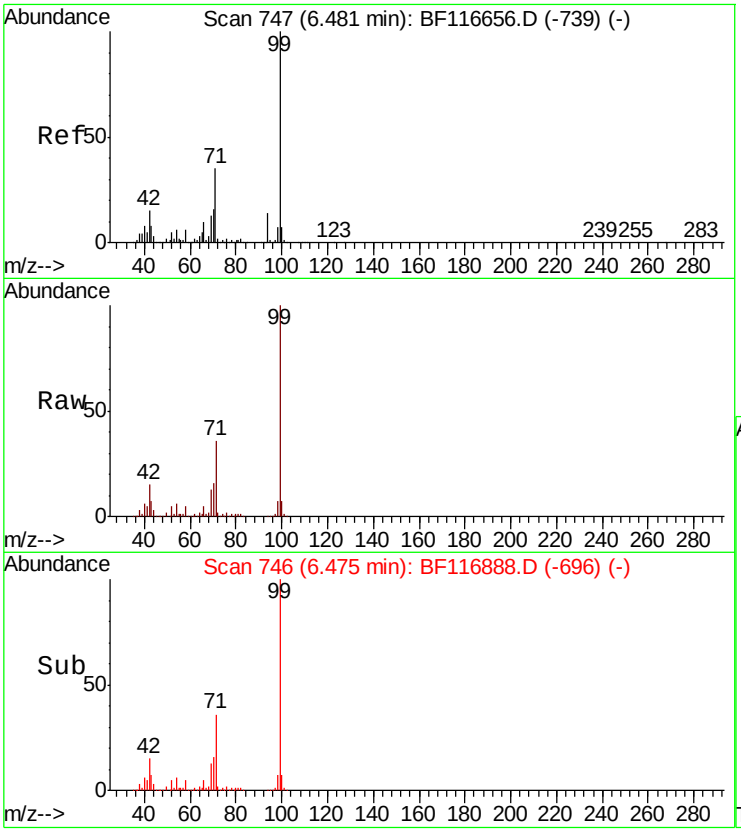


#5
2-Fluorophenol
Concen: 84.707 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:112 Resp: 449002

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.1	70.7
63	29.2	24.9	37.3



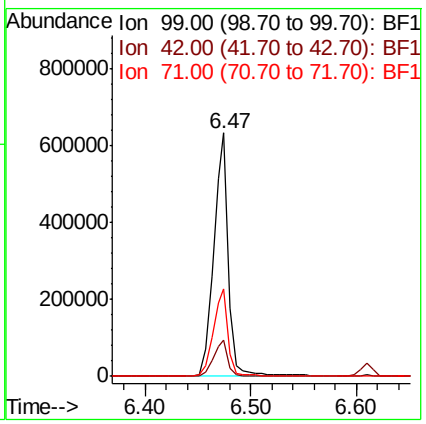


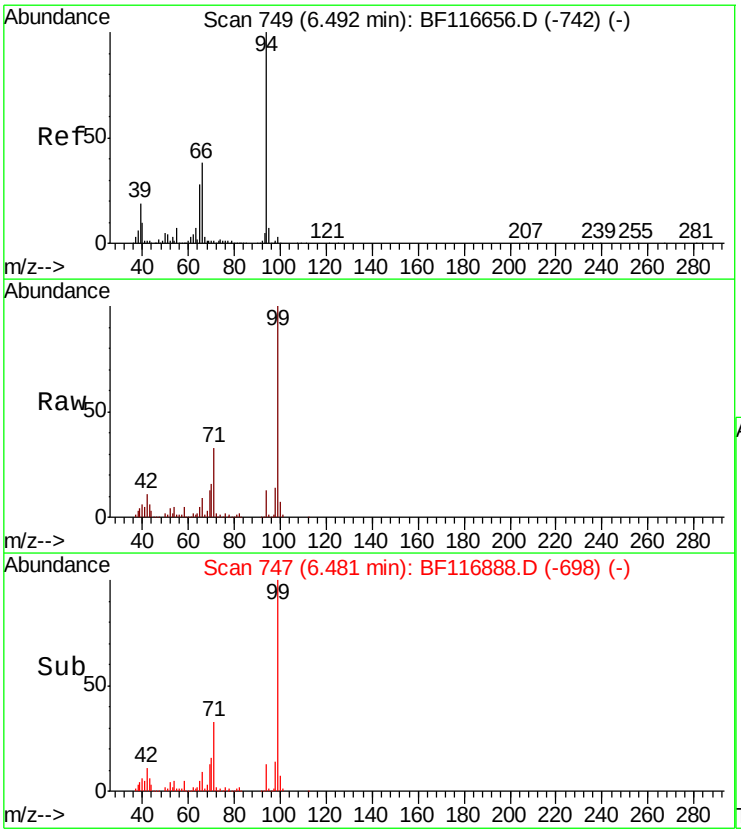
#7
Phenol-d6
Concen: 89.575 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 623478

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.7	20.5
71	35.8	30.8	46.2

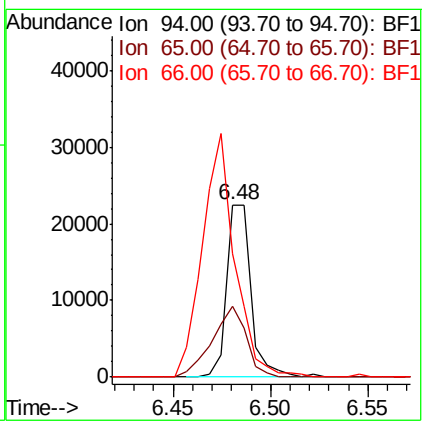


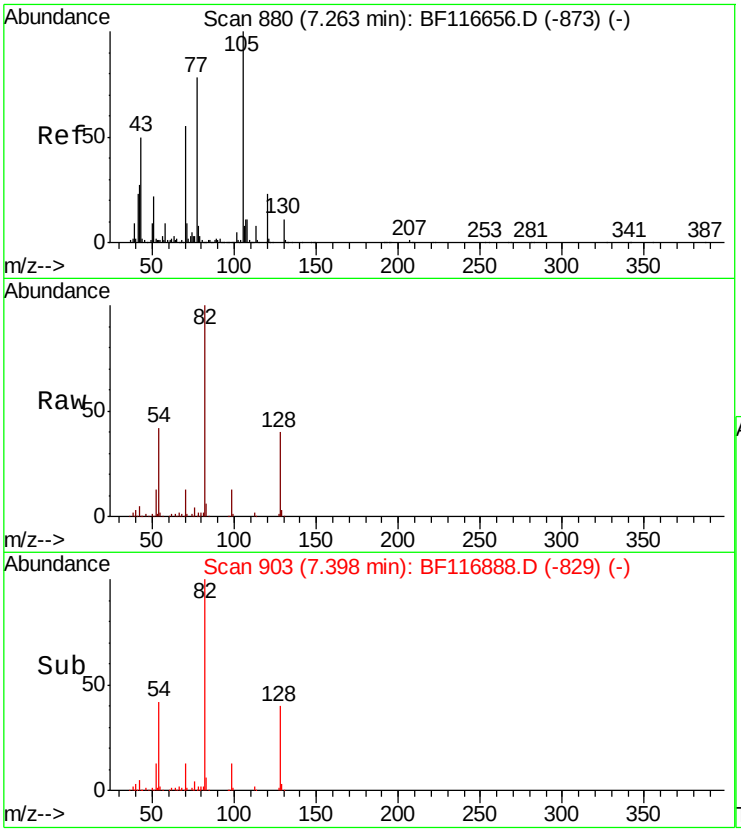


#10
Phenol
Concen: 2.526 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion: 94 Resp: 19469

Ion	Ratio	Lower	Upper
94	100		
65	41.0	10.8	50.8
66	71.9	21.1	61.1#



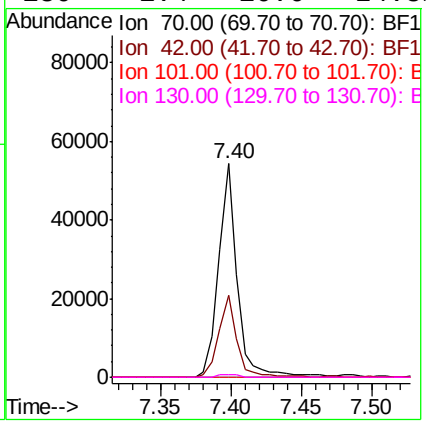


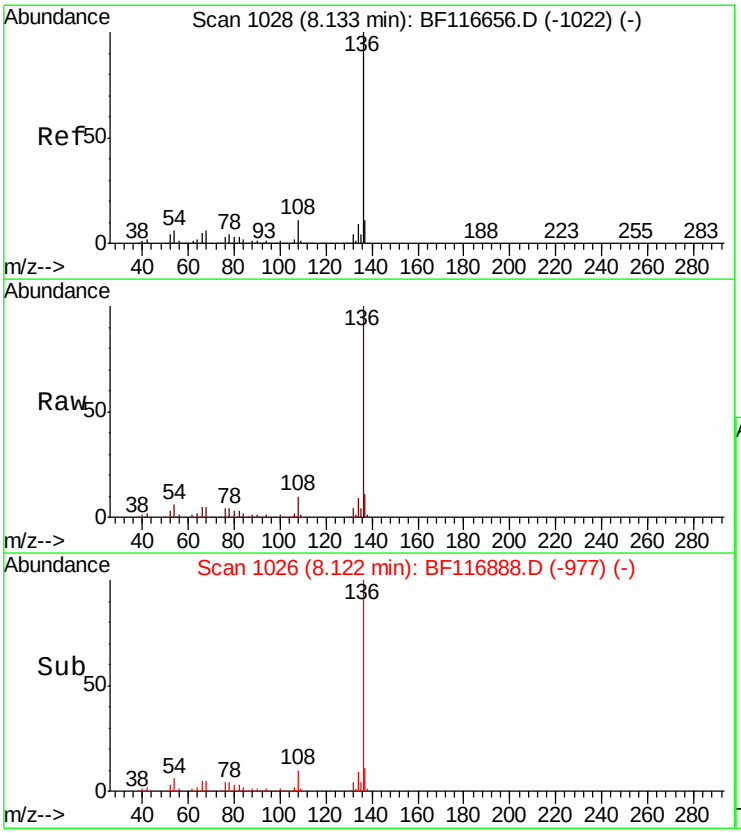
#19
n-Nitroso-di-n-propylamine
Concen: 10.943 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 50151

Ion	Ratio	Lower	Upper
70	100		
42	38.3	43.5	65.3#
101	0.0	7.8	11.6#
130	1.4	16.6	24.8#

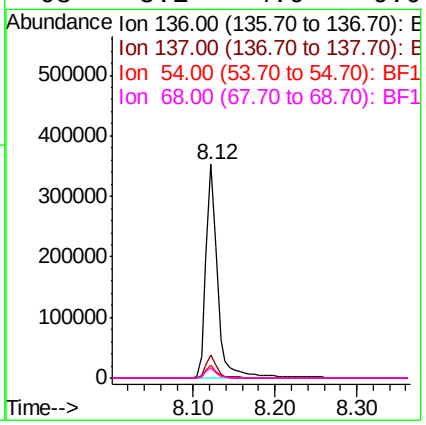


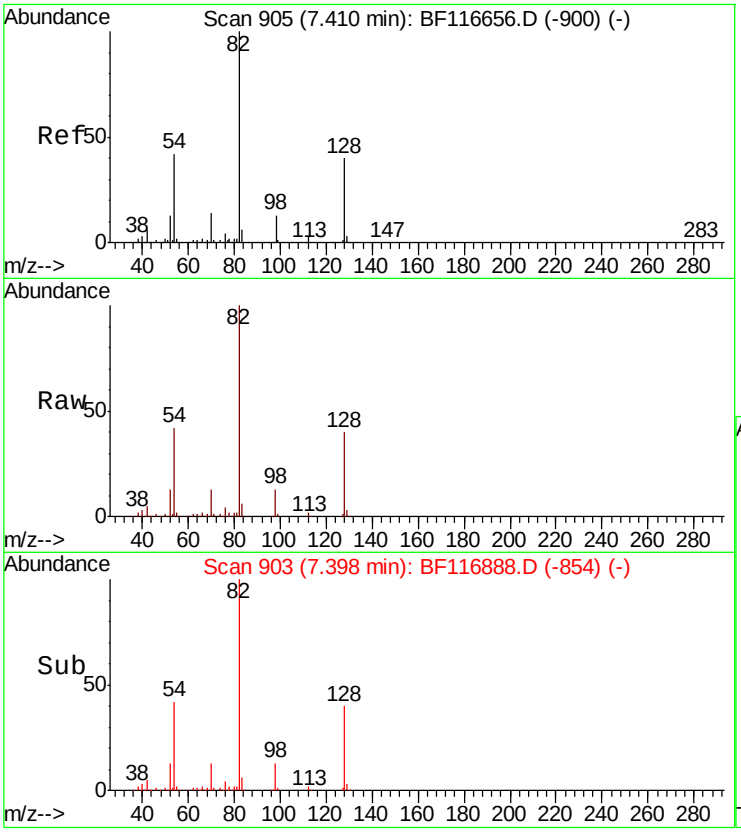


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:136 Resp: 351519

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.9	4.8	7.2
68	5.1	4.0	6.0



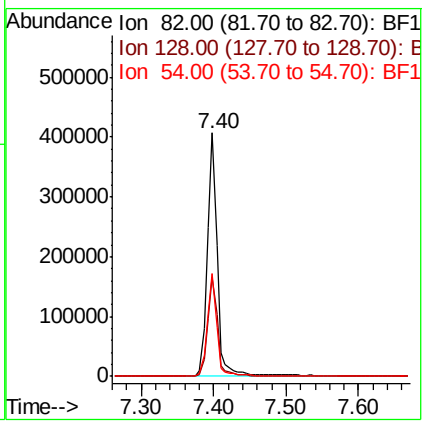


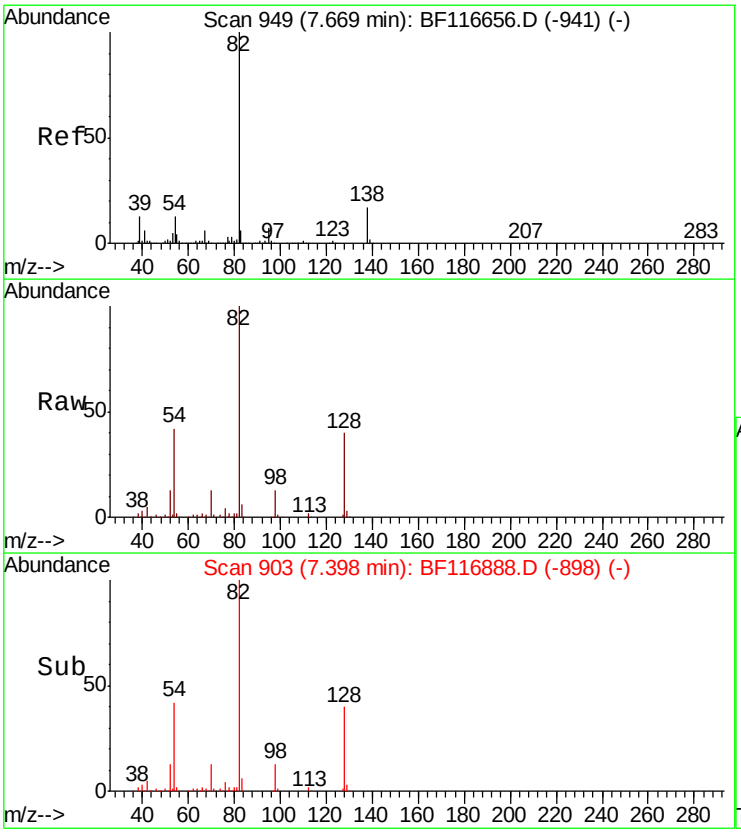
#23
Nitrobenzene-d5
Concen: 63.477 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 390865

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.8	49.2
54	42.1	36.9	55.3

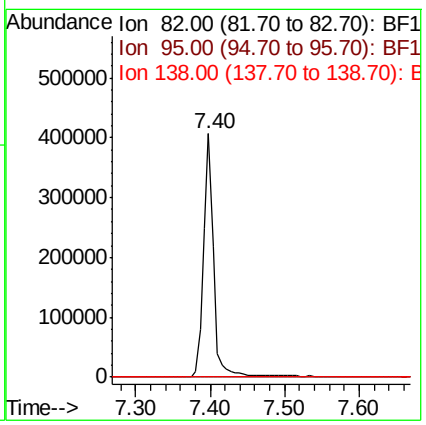


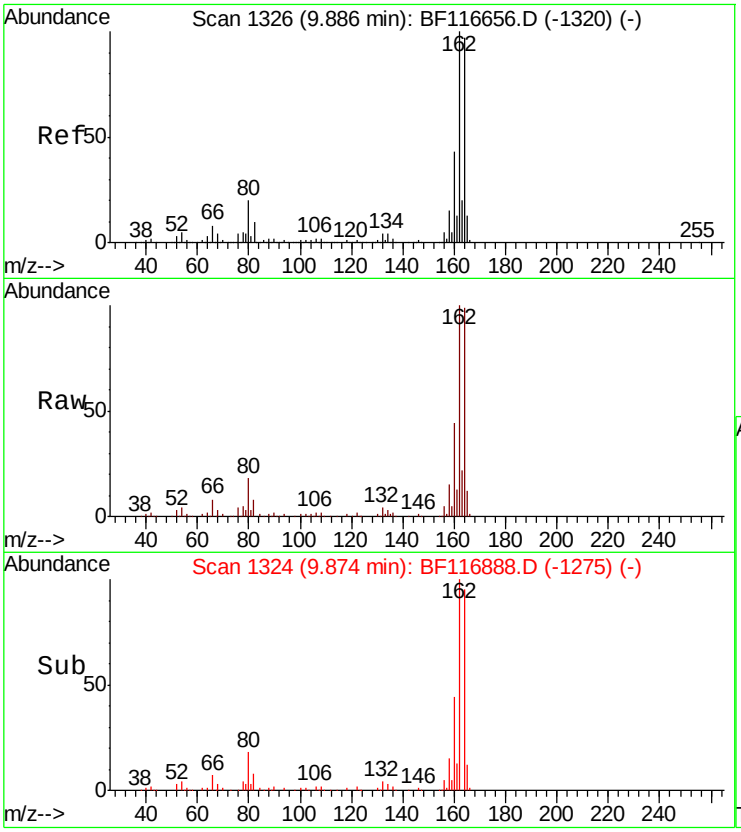


#25
Isophorone
Concen: 31.328 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion: 82 Resp: 390895

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



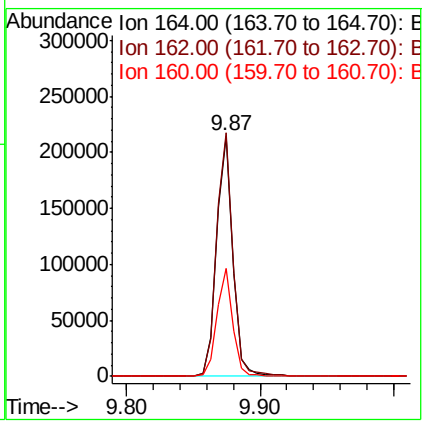


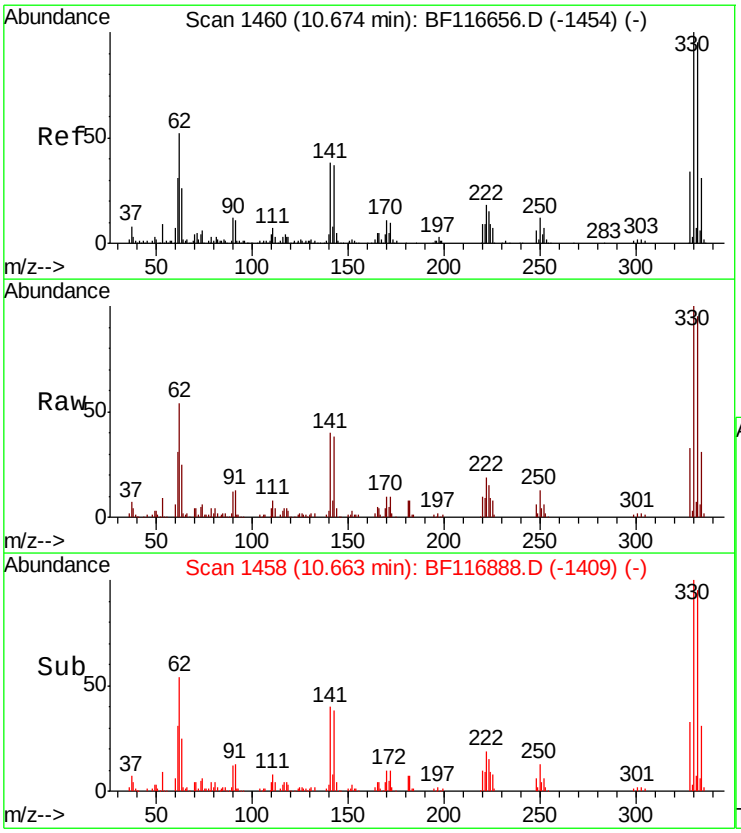
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 185855

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.8	35.4	53.2

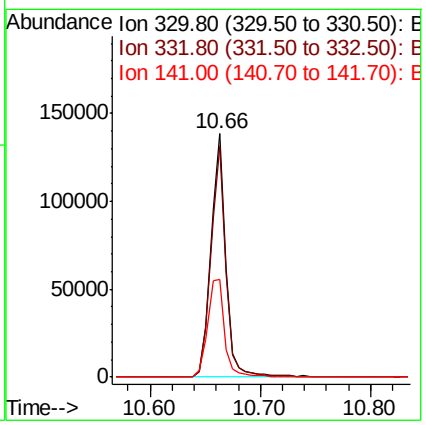


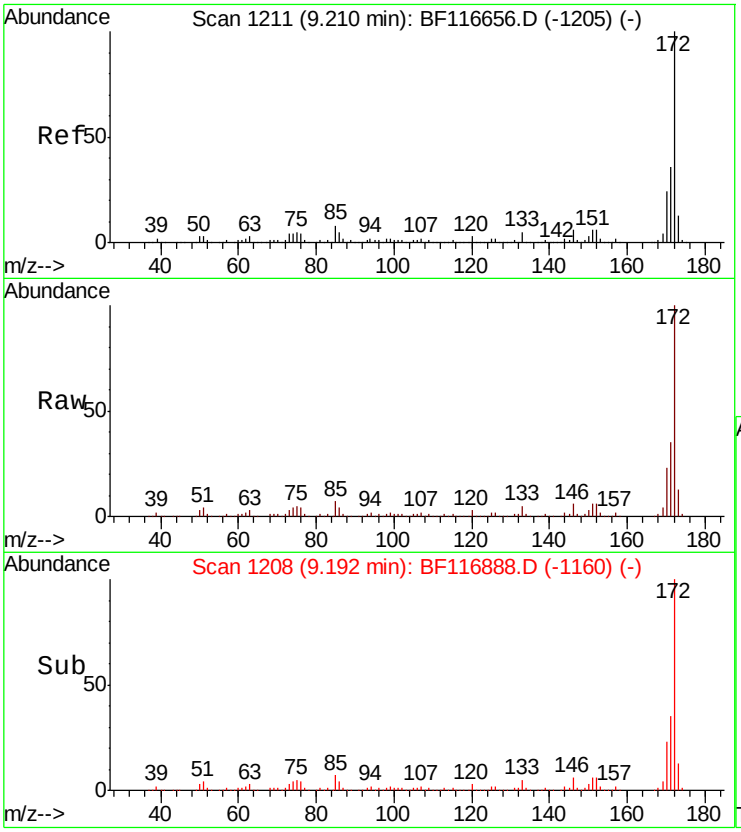


#42
2,4,6-Tribromophenol
Concen: 102.540 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:330 Resp: 127404

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.9	115.3
141	45.9	31.4	47.2



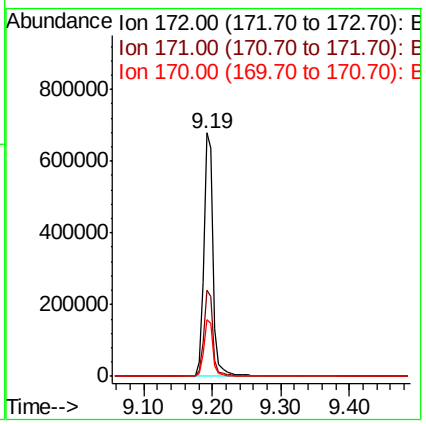


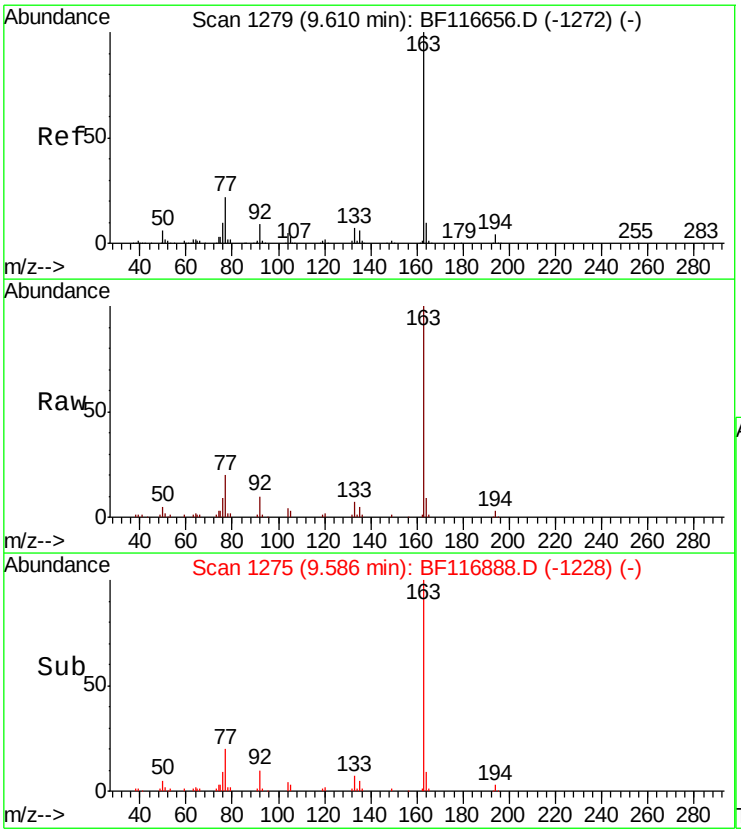
#45
2-Fluorobiphenyl
Concen: 59.841 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 659307

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.1	18.9	28.3

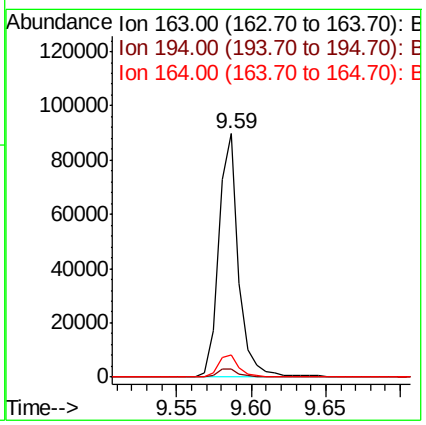


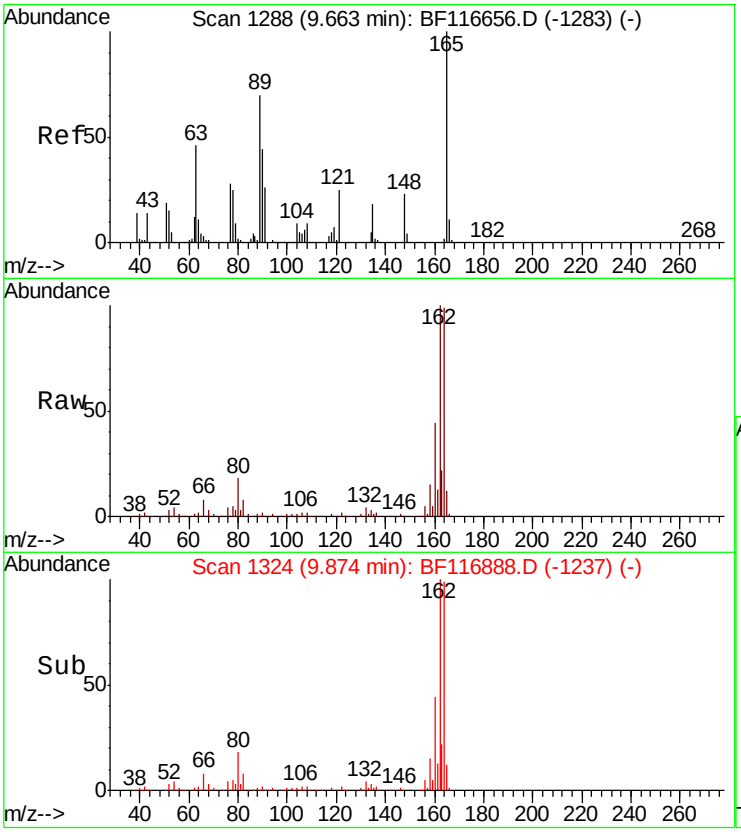


#50
Dimethylphthalate
Concen: 6.521 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:163 Resp: 83678

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.2	8.6	12.8



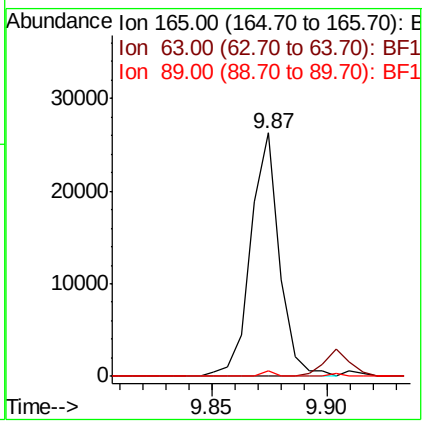


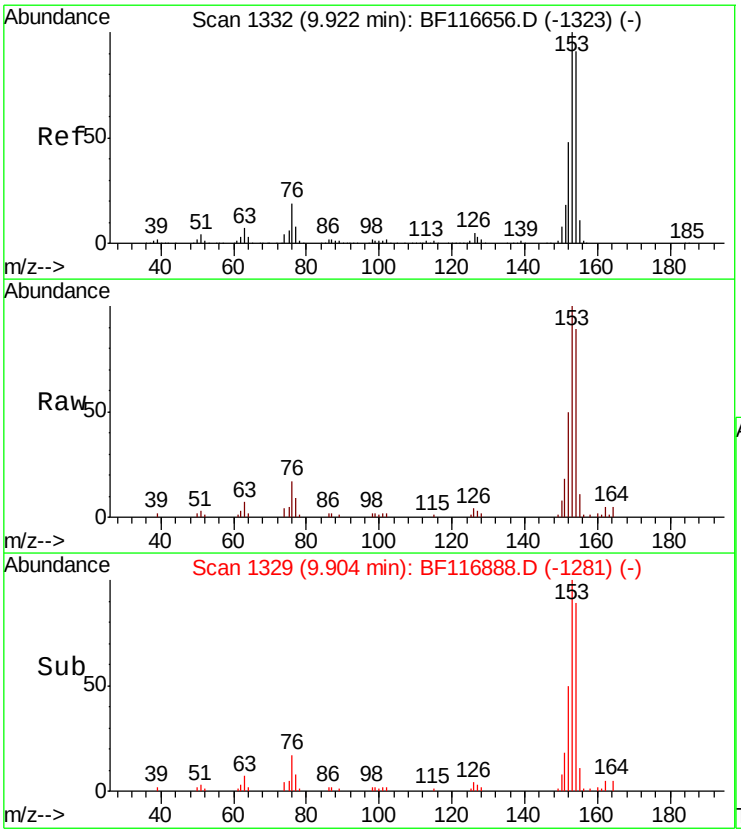
#51
2,6-Dinitrotoluene
Concen: 9.350 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22889

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	2.1	52.5	78.7#

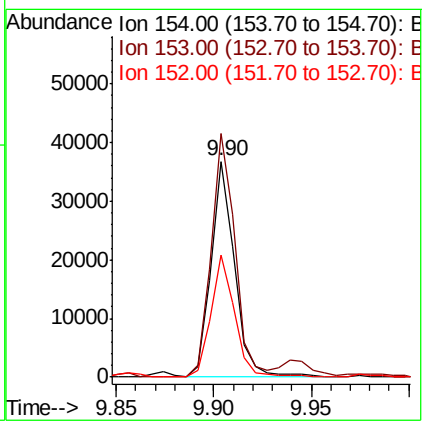


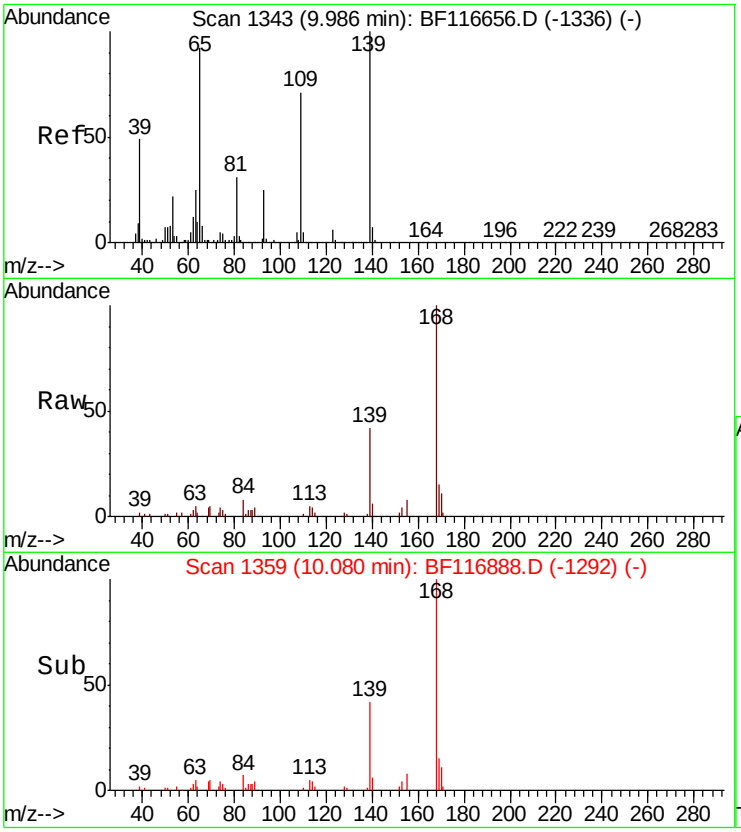


#52
Acenaphthene
Concen: 2.978 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:154 Resp: 30892

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	56.6	41.9	62.9



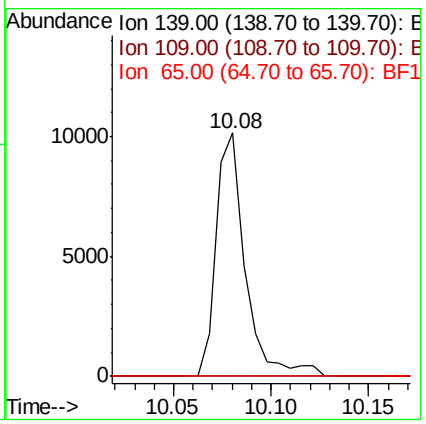


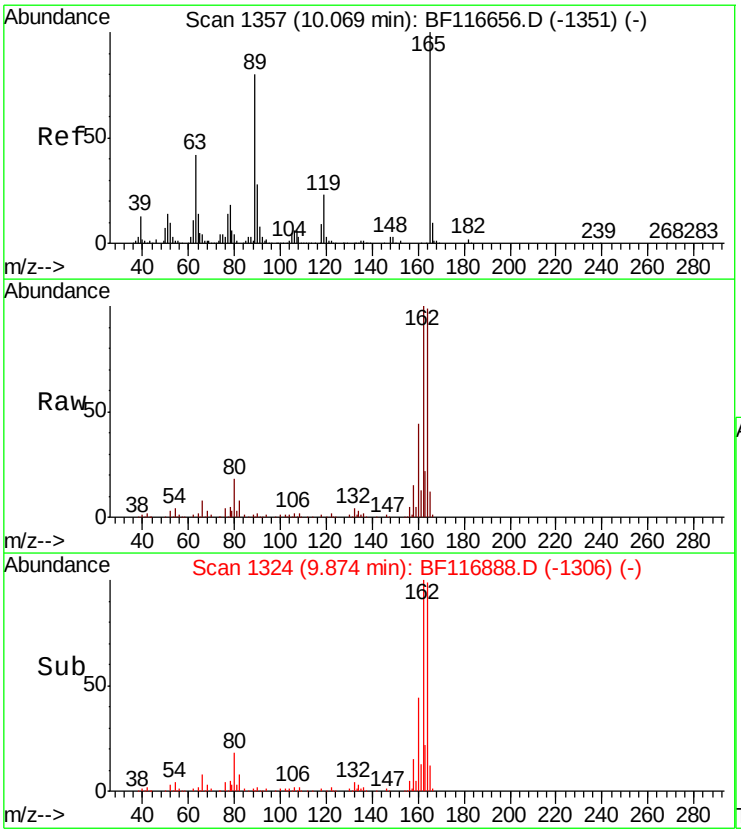
#56
4-Nitrophenol
Concen: 4.964 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 10443

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.7	101.7#
65	0.0	89.1	129.1#

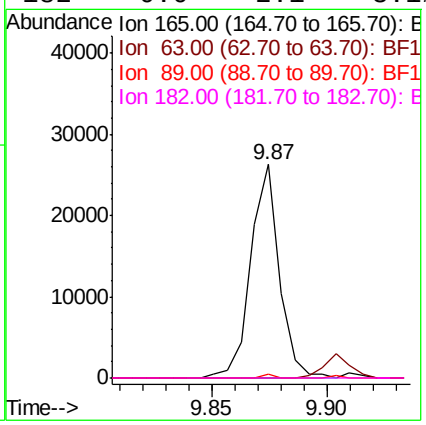


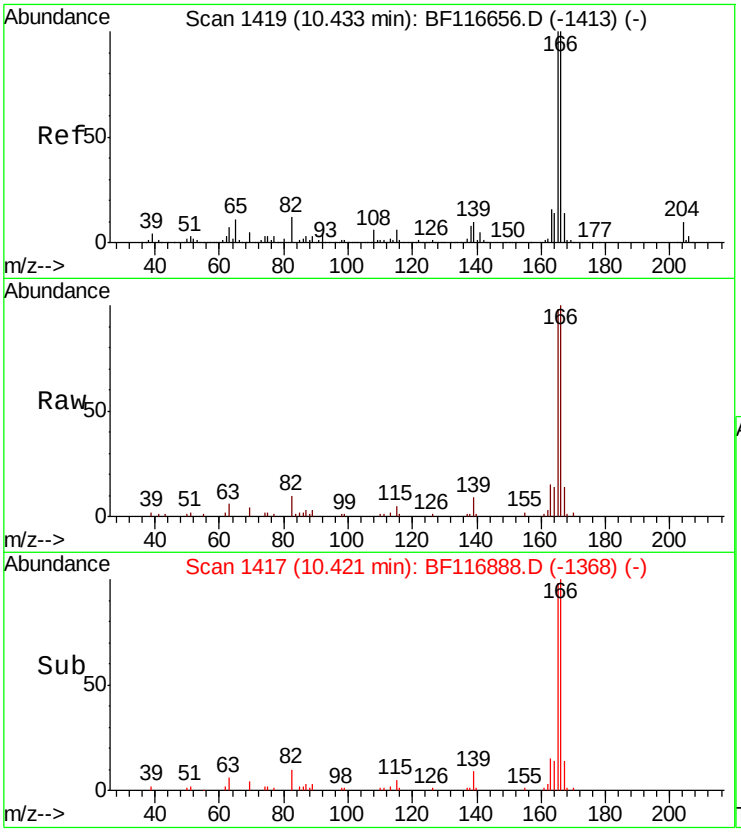


#57
2,4-Dinitrotoluene
Concen: 7.646 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:165 Resp: 22889

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



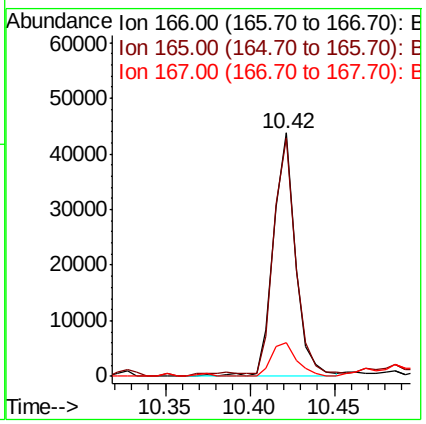


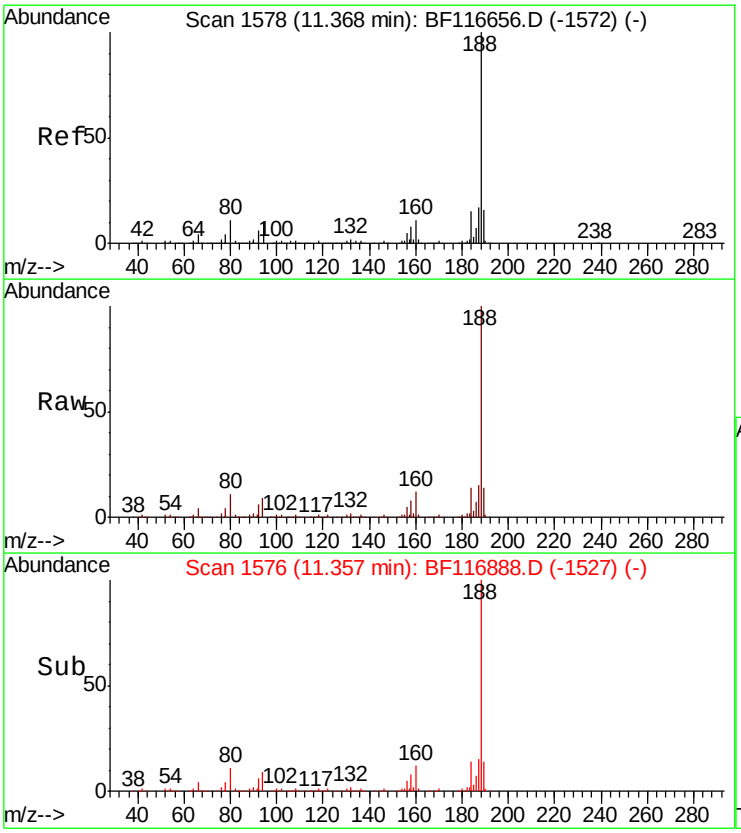
#58
Fluorene
Concen: 3.554 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 39611

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.8	118.2
167	14.1	10.0	15.0

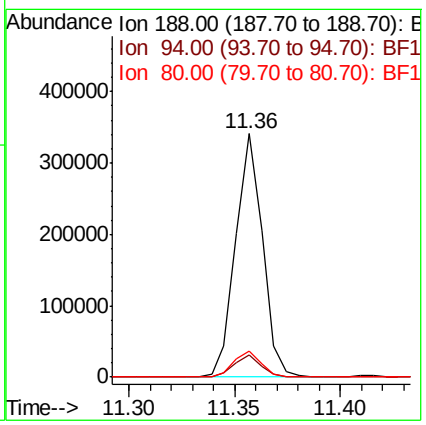


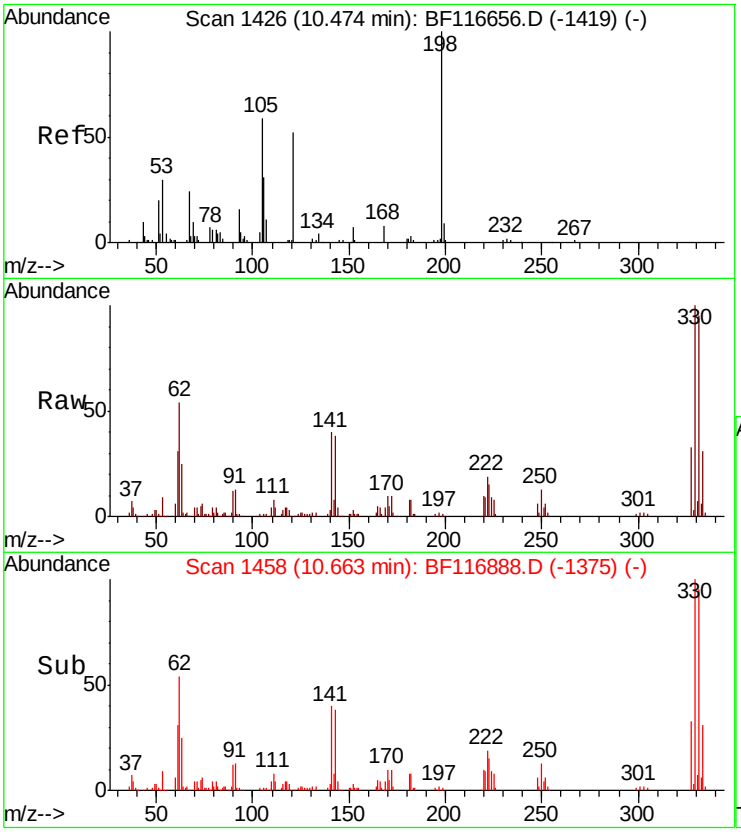


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:188 Resp: 299226

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.3	10.9
80	10.8	8.4	12.6



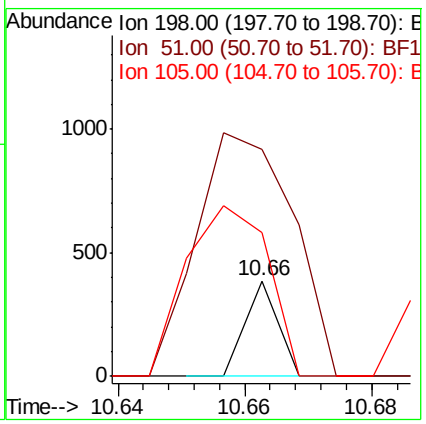


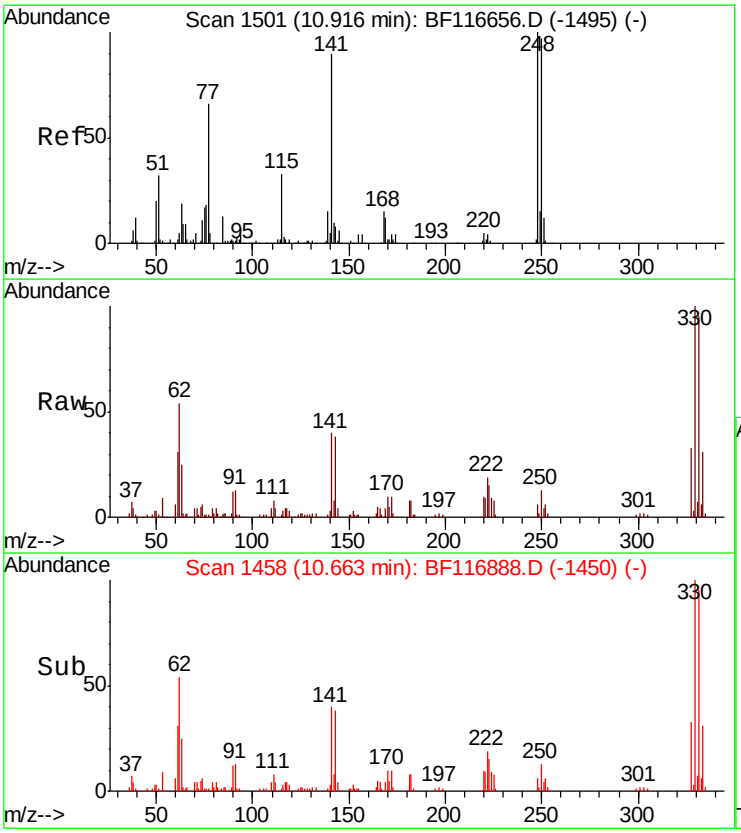
#65
4,6-Dinitro-2-methylphenol
Concen: 7.556 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 137

Ion	Ratio	Lower	Upper
198	100		
51	237.0	18.4	58.4#
105	150.9	22.9	62.9#

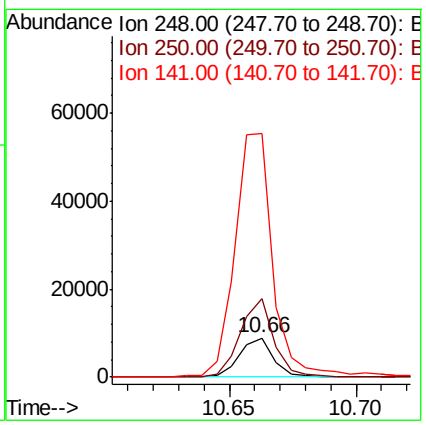


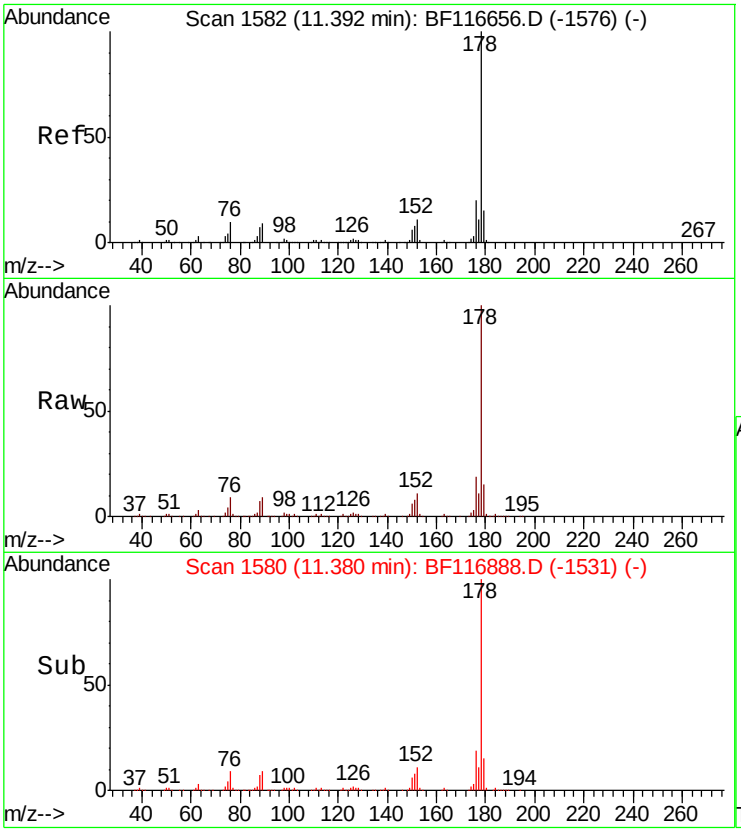


#67
4-Bromophenyl-phenylether
Concen: 2.738 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:248 Resp: 8322

Ion	Ratio	Lower	Upper
248	100		
250	198.1	77.8	116.8#
141	619.6	75.9	113.9#



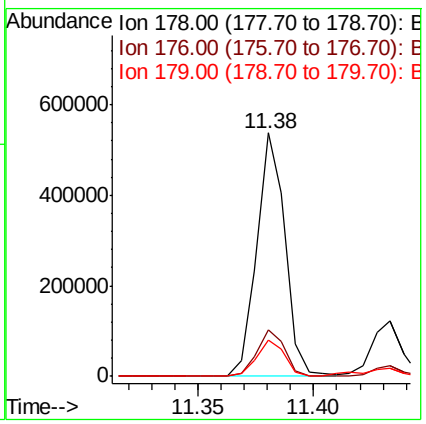


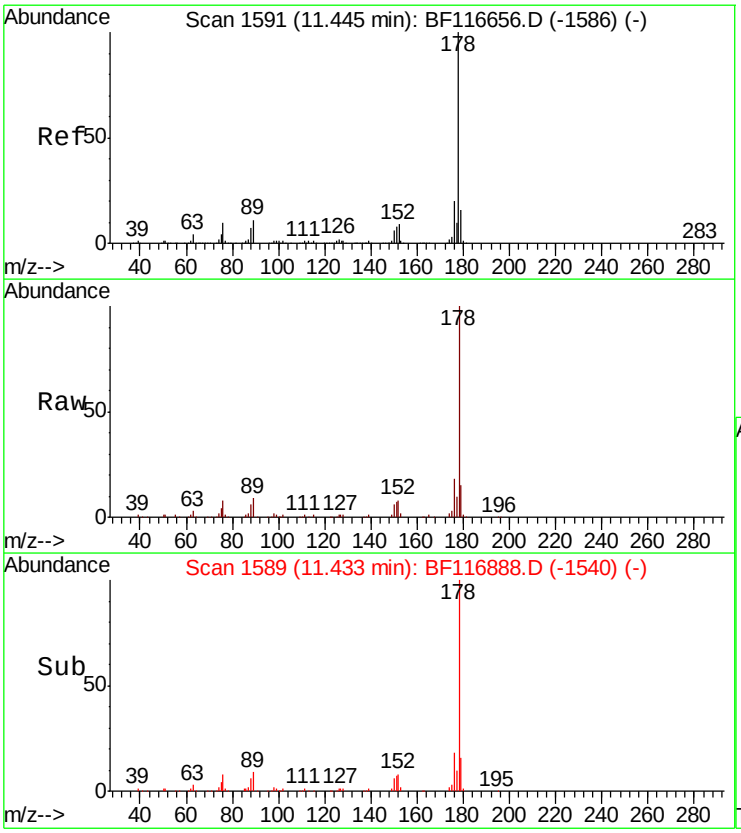
#71
Phenanthrene
Concen: 27.642 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 460421

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	14.9	12.2	18.2

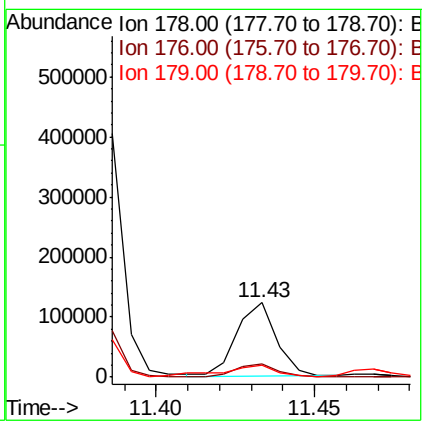


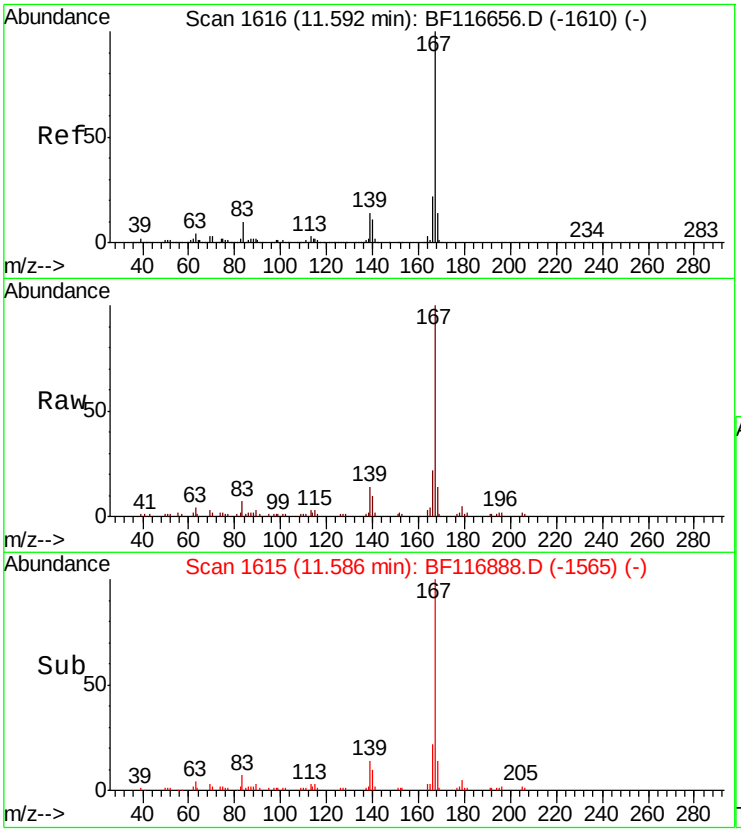


#72
Anthracene
Concen: 6.353 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:178 Resp: 106518

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.5	12.5	18.7



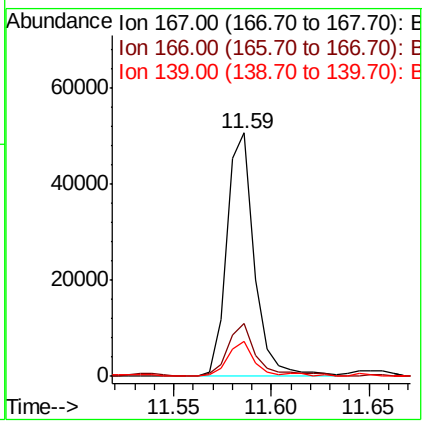


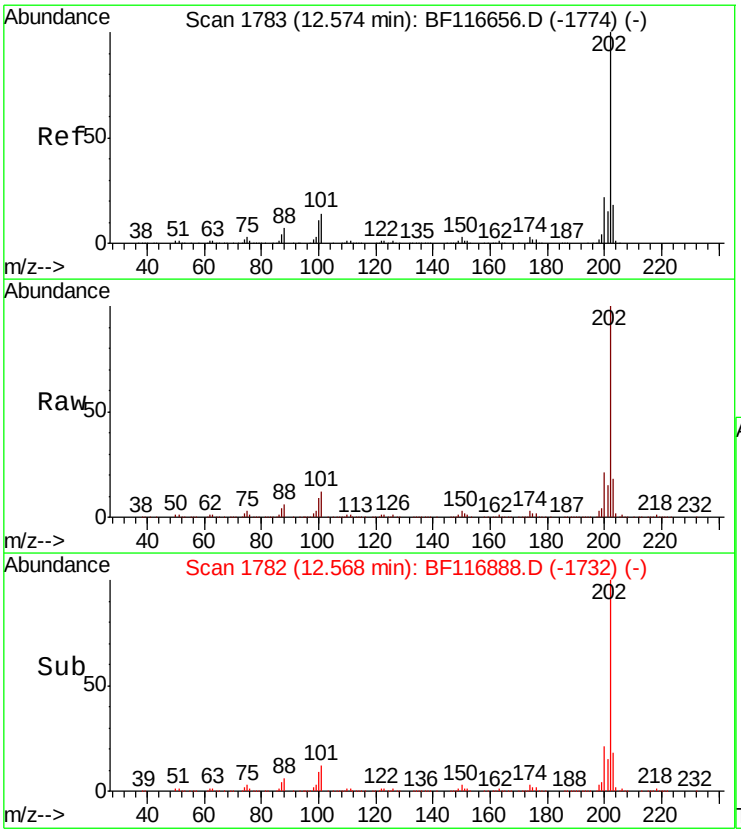
#73
Carbazole
Concen: 3.124 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 49900

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	14.2	11.1	16.7

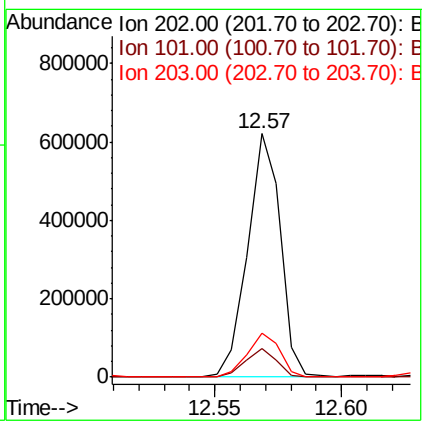


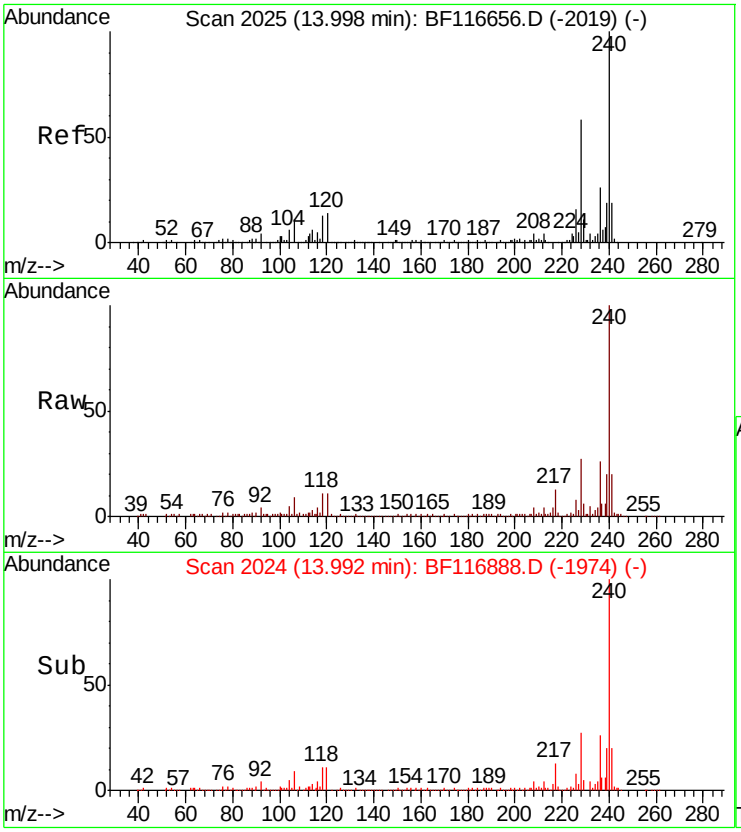


#75
Fluoranthene
Concen: 34.113 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:202 Resp: 558412

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	18.0	0.0	37.6



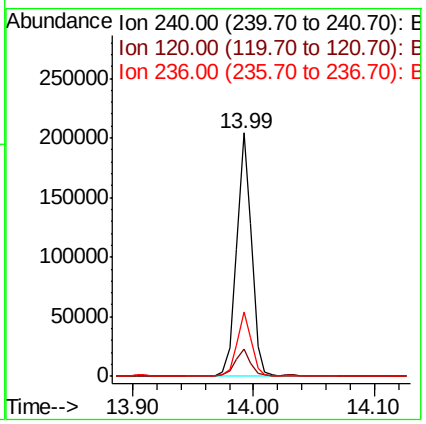


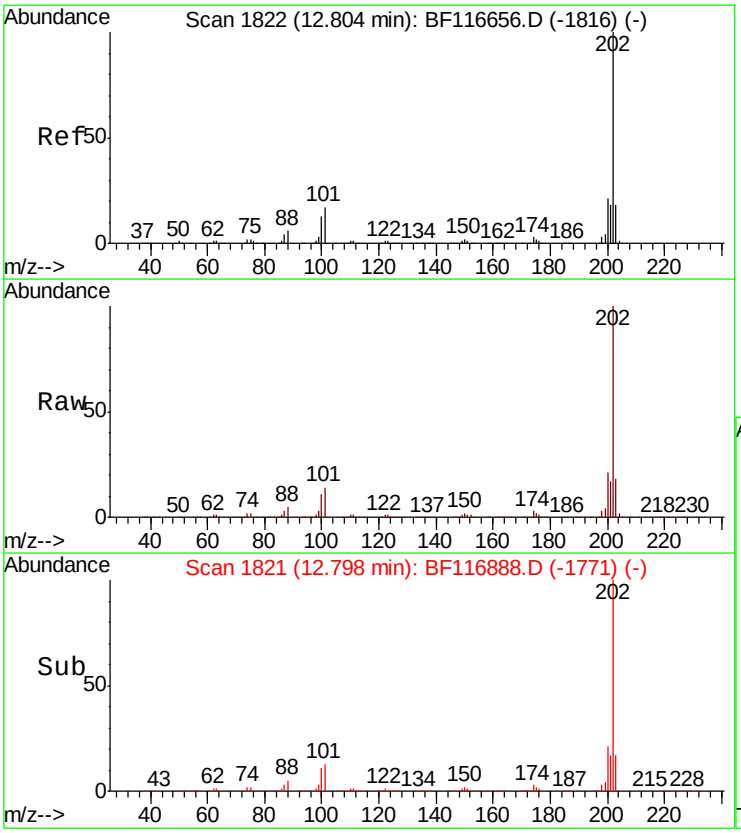
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 177007

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.1	13.7
236	26.3	21.1	31.7

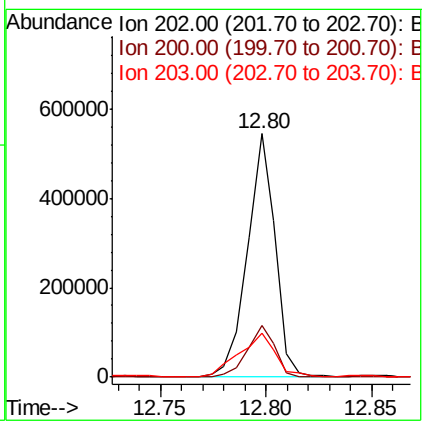


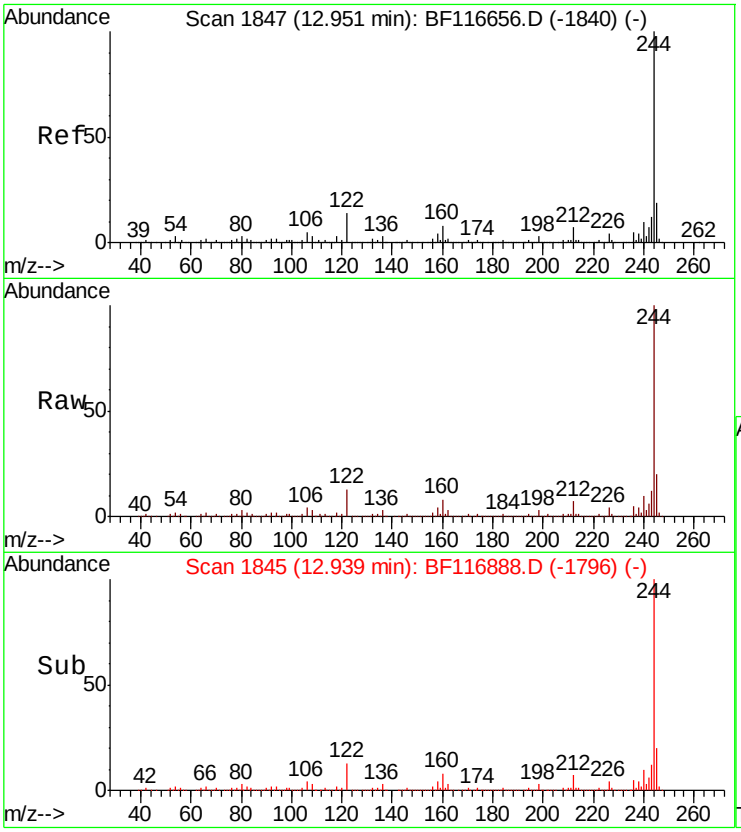


#78
Pyrene
Concen: 31.537 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:202 Resp: 496230

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.5	24.7
203	18.0	13.7	20.5



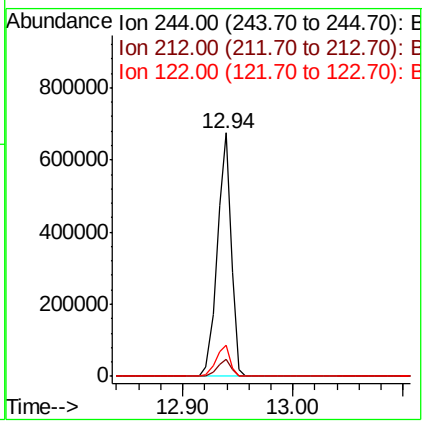


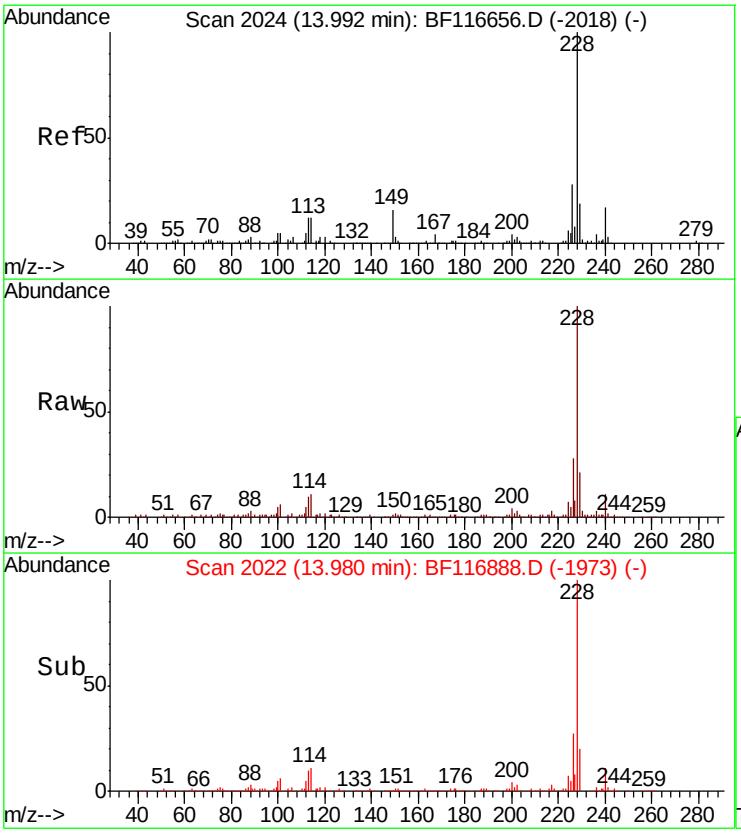
#79
Terphenyl-d14
Concen: 61.512 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 588565

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.7	10.2	15.4

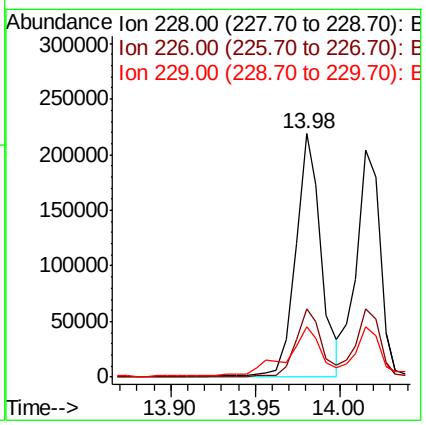


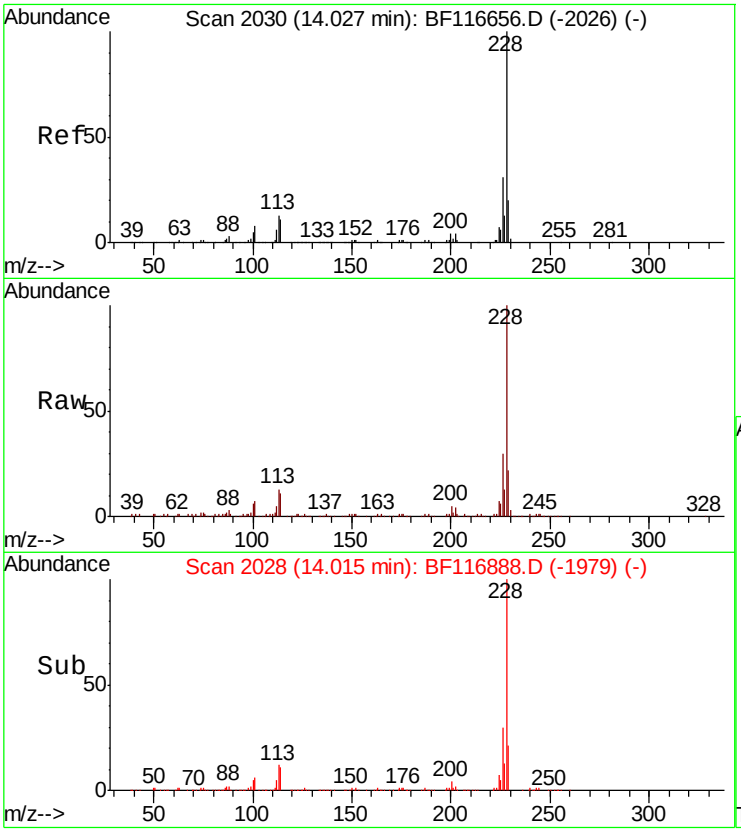


#81
Benzo(a)anthracene
Concen: 20.433 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:228 Resp: 228910

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	20.6	16.4	24.6



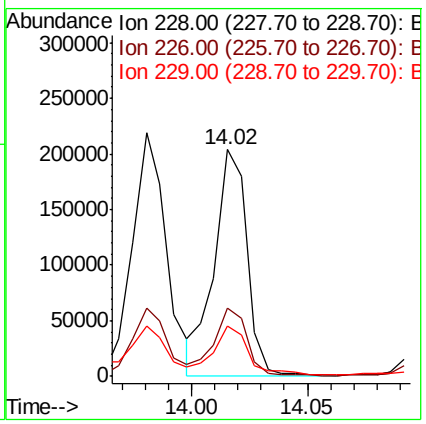


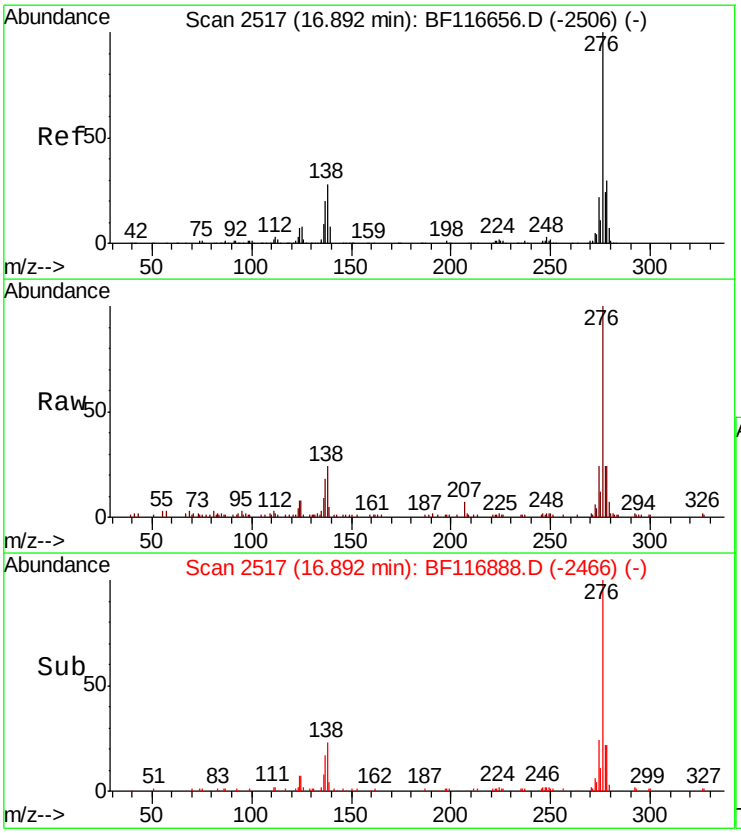
#83
Chrysene
Concen: 17.329 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 200007

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	22.3	15.4	23.0

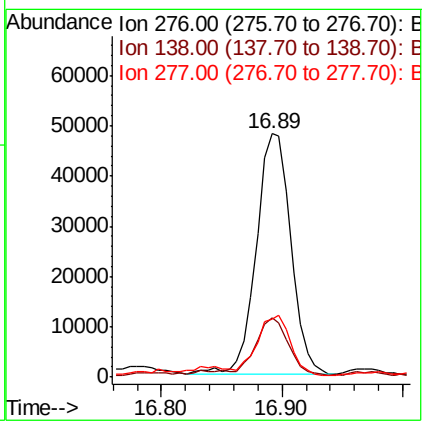


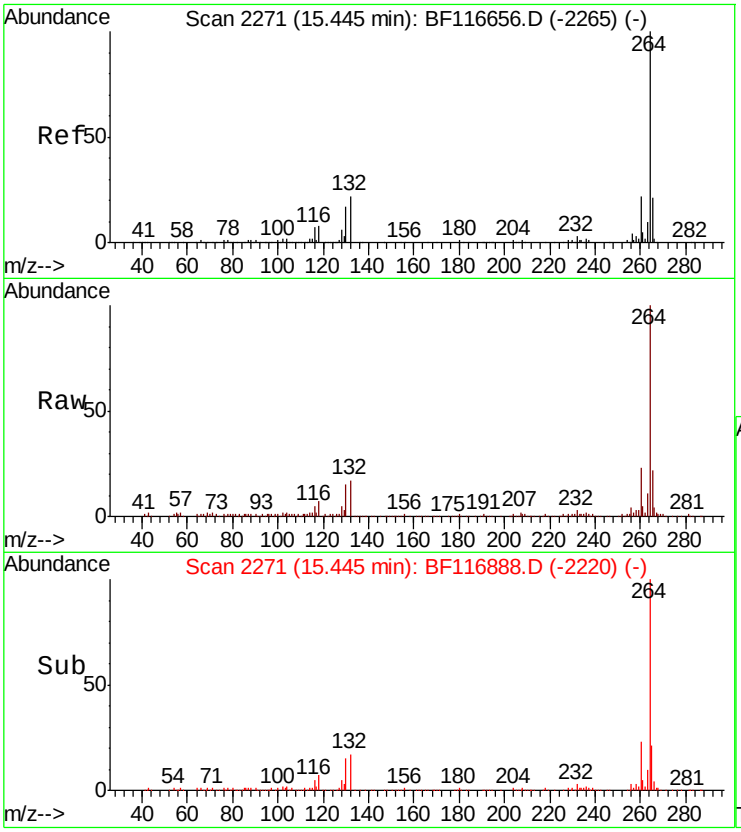


#86
Indeno(1,2,3-cd)pyrene
Concen: 10.245 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:276 Resp: 94979

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.2
277	24.0	20.5	30.7



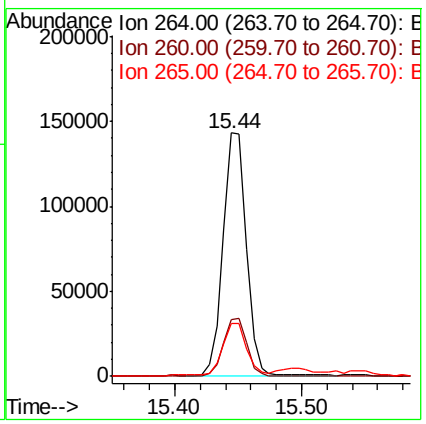


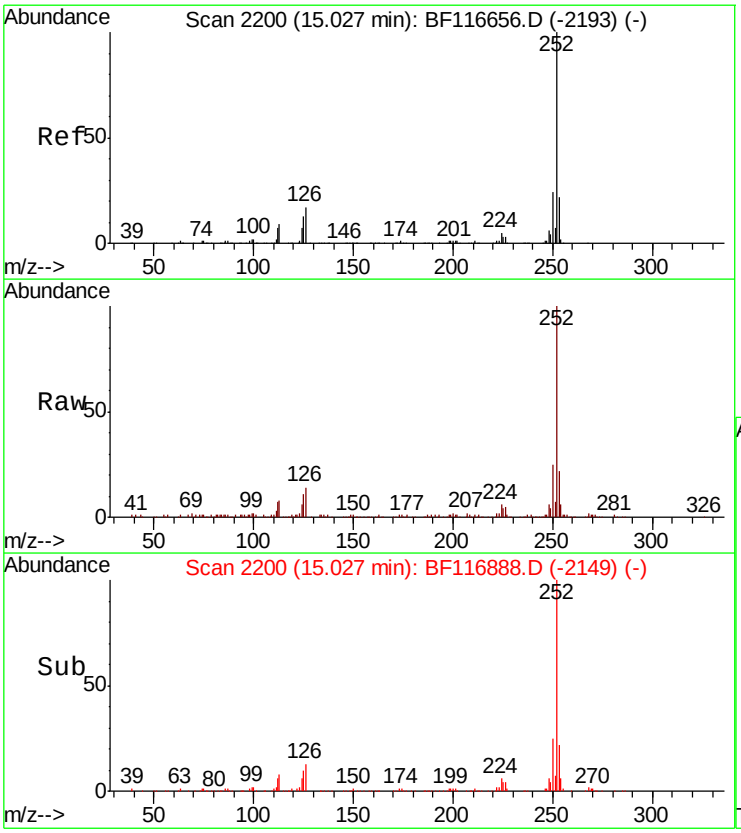
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 182004

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.5	16.5	24.7

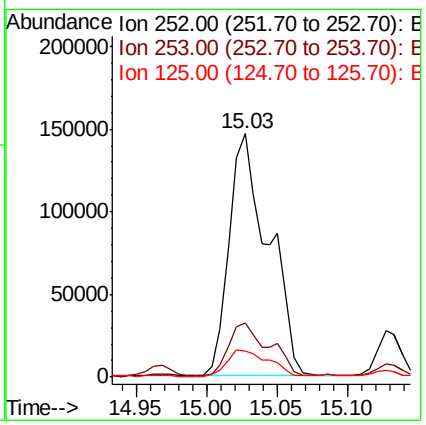


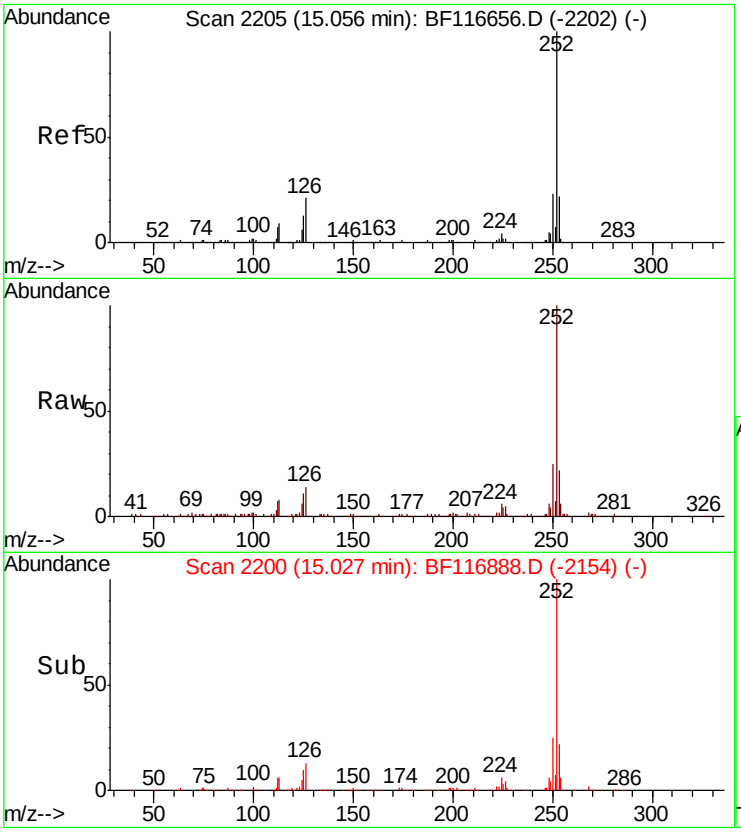


#88
Benzo(b)fluoranthene
Concen: 25.799 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:252 Resp: 283879

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.8	8.2	12.2



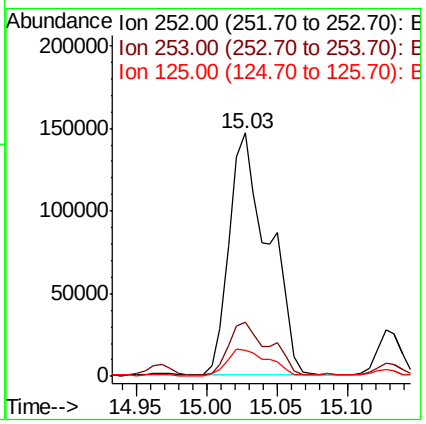


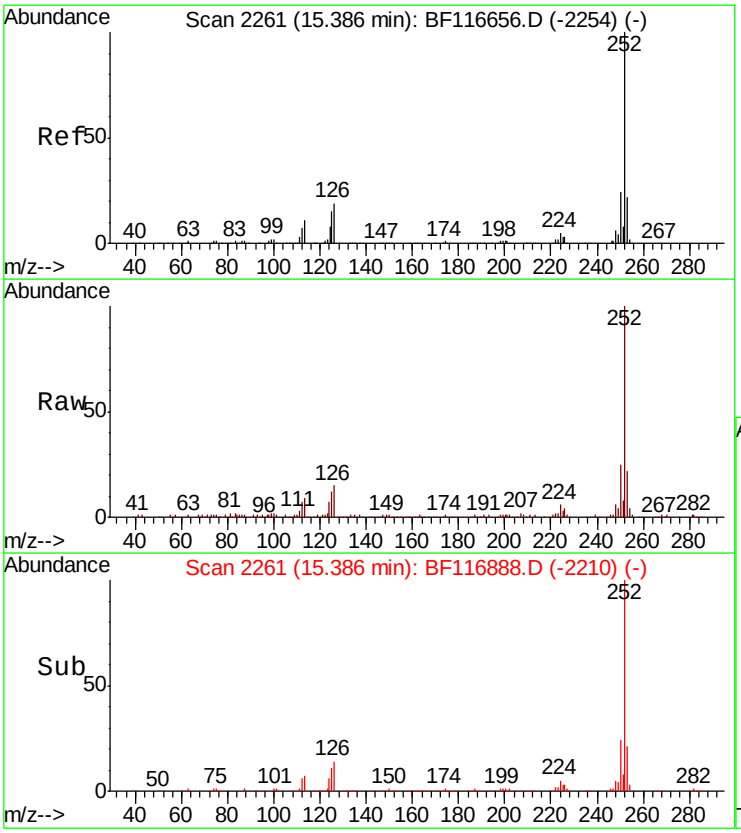
#89
Benzo(k)fluoranthene
Concen: 28.295 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 283879

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.8	8.6	13.0

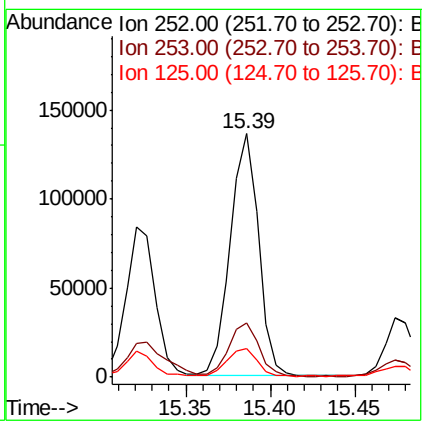


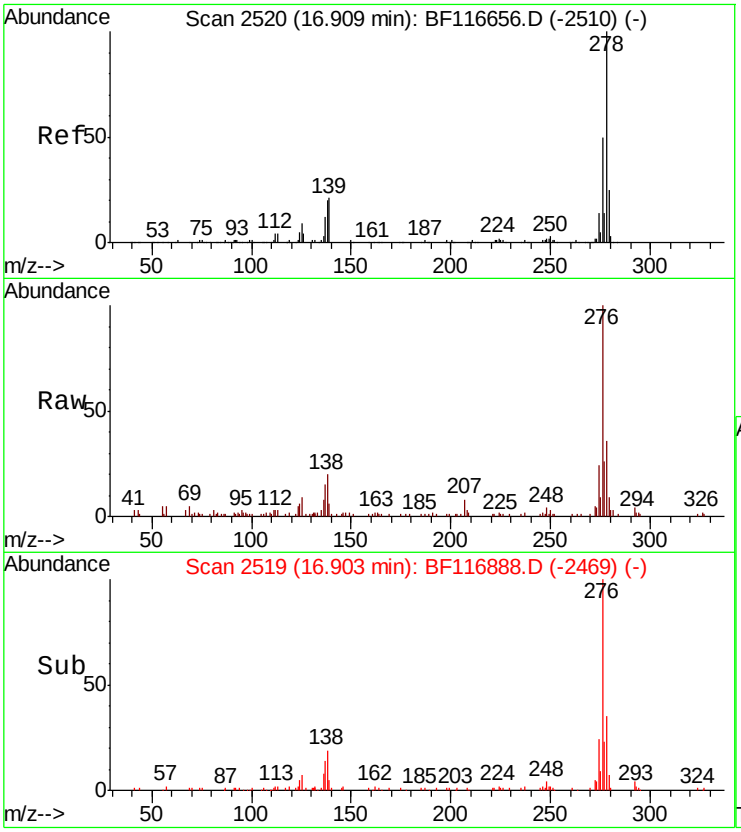


#90
Benzo(a)pyrene
Concen: 16.562 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:252 Resp: 158549

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.7	9.8	14.8



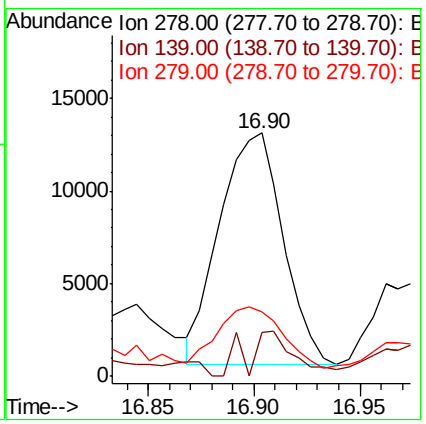


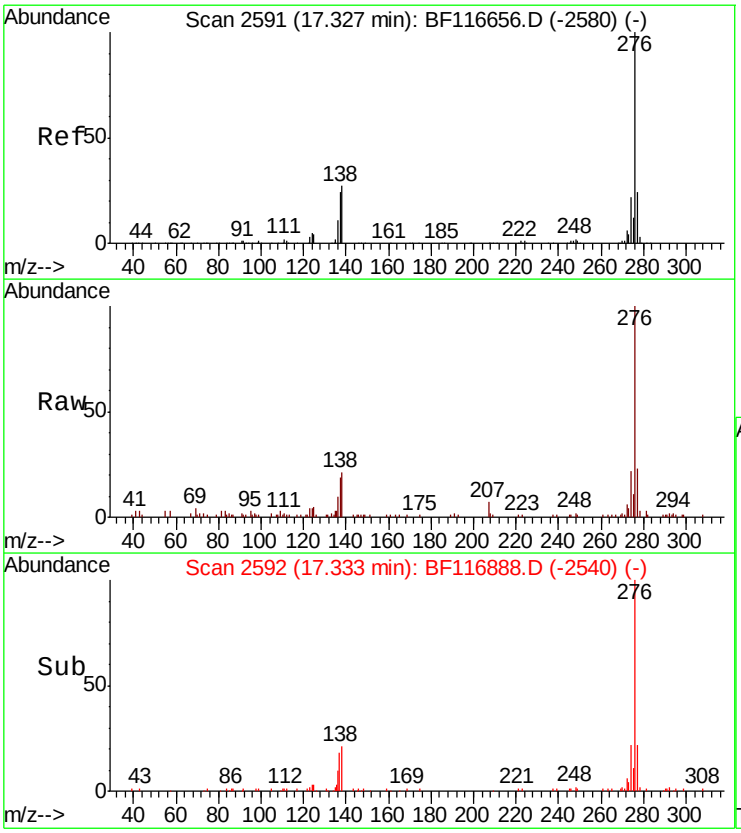
#91
Dibenzo(a,h)anthracene
Concen: 3.107 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 26035

Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.4	18.6
279	26.4	18.2	27.4





#92
Benzo(g,h,i)perylene
Concen: 9.998 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116888.D
Acq: 9 Sep 2019 00:02

Tgt Ion:276 Resp: 85445

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	21.3	16.2	24.2