Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101053.D
Acq On : 14 Jan 2020 15:58
Operator : JU
Sample : L1103-02 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 14 20:42:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3863	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	18723	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	13551	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	32150	0.40	ng		0.00
27) Chrysene-d12	21.27	240	29919	0.40	ng		-0.01
34) Perylene-d12	23.69	264	33066	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	1134	0.13	ng		0.00
5) Phenol-d6	6.91	99	1543	0.14	ng		-0.01
8) Nitrobenzene-d5	8.87	82	1299	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.10	152	3963	0.11	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	591	0.15	ng		-0.01
15) 2-Fluorobiphenyl	12.99	172	6197	0.12	ng		-0.01
25) Fluoranthene-d10	19.13	212	47545	0.11	ng		0.00
29) Terphenyl-d14	19.72	244	9654	0.13	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.55	128	157233	0.756	ng		100
12) 2-Methylnaphthalene	12.17	142	13157	0.418	ng		97
16) Acenaphthylene	14.07	152	58444	1.059	ng		100
17) Acenaphthene	14.41	154	7676	0.194	ng		94
18) Fluorene	15.39	166	49466	0.991	ng		98
22) Pentachlorophenol	16.75	266	23	0.254	ng	#	78
23) Phenanthrene	17.13	178	368145	4.193	ng		99
24) Anthracene	17.23	178	120279	1.452	ng		99
26) Fluoranthene	19.16	202	753525	6.854	ng		99
28) Pyrene	19.51	202	778046	6.986	ng		98
30) Benzo(a)anthracene	21.25	228	408422	4.784	ng		94
31) Chrysene	21.31	228	434137	3.421	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	8906	0.063	ng	#	96
33) Indeno(1,2,3-cd)pyrene	26.23	276	332726	3.319	ng		99
35) Benzo(b)fluoranthene	22.95	252	539763	5.820	ng		99
36) Benzo(k)fluoranthene	22.95	252	539763	4.017	ng		98
37) Benzo(a)pyrene	23.58	252	400924	4.469	ng		96
38) Dibenzo(a,h)anthracene	26.24	278	63373	0.768	ng		97
39) Benzo(g,h,i)perylene	27.00	276	413342	4.074	ng		99

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
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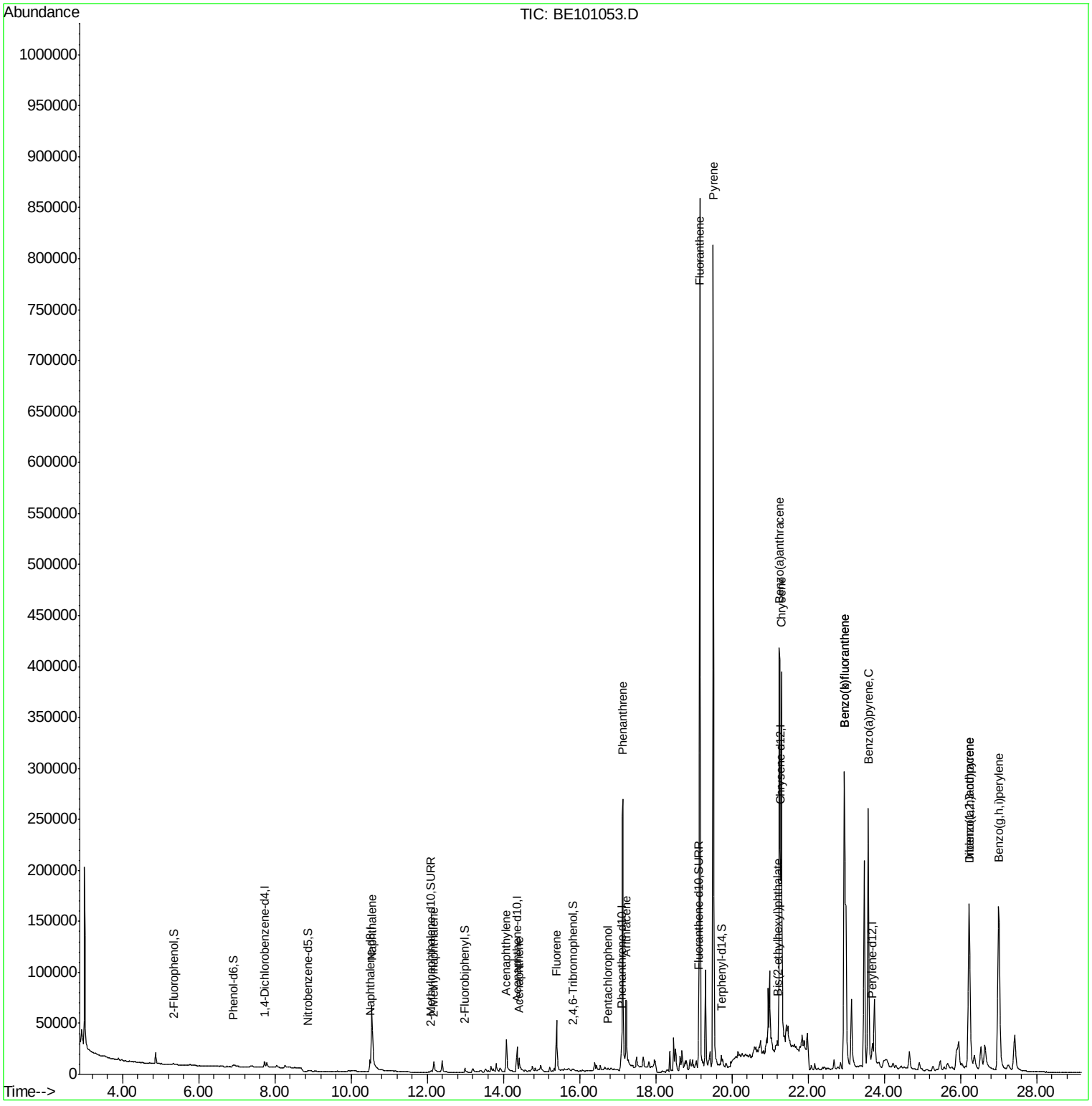
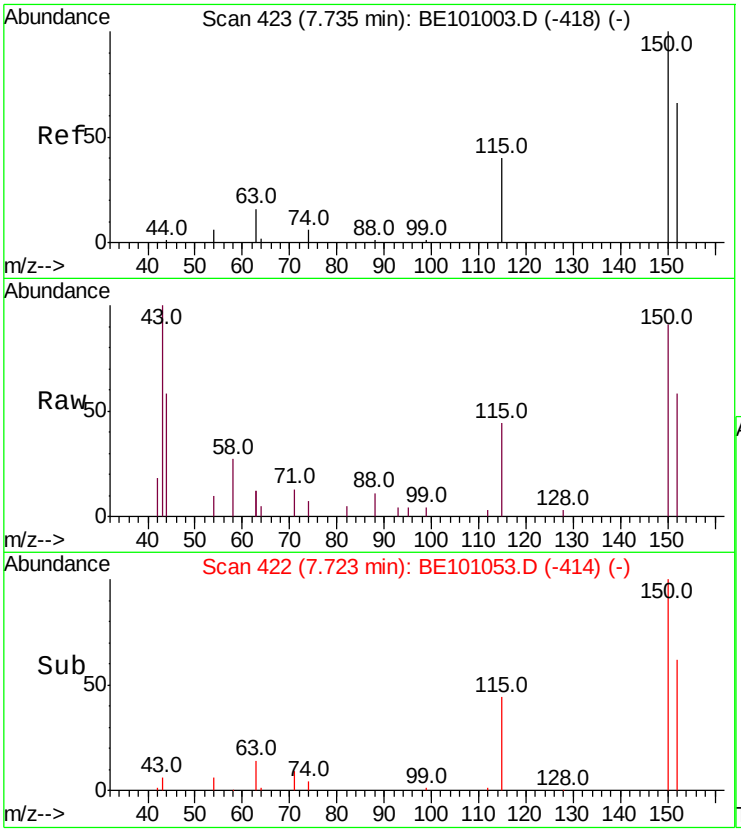
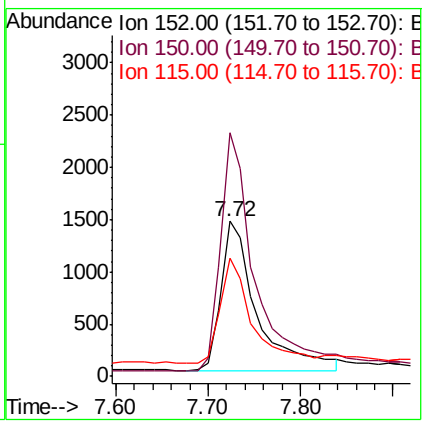




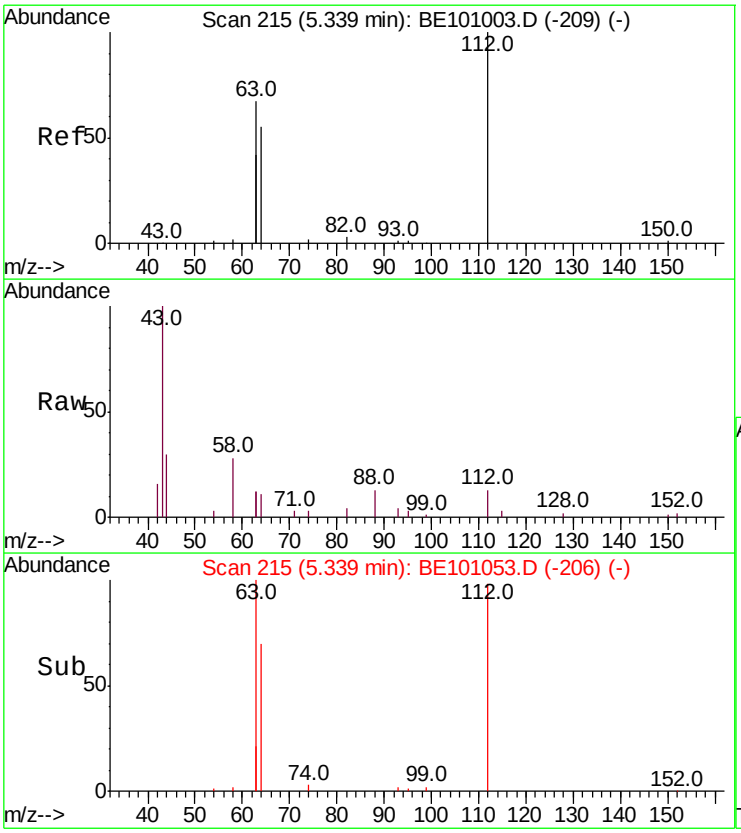
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:152 Resp: 3863

Ion	Ratio	Lower	Upper
152	100		
150	157.2	120.3	180.5
115	76.1	51.7	77.5



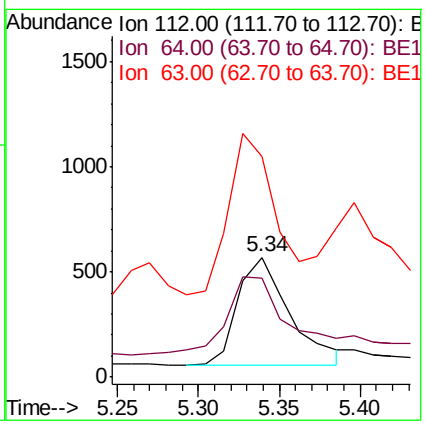
Instrument :
BNA_E
ClientSampleId :

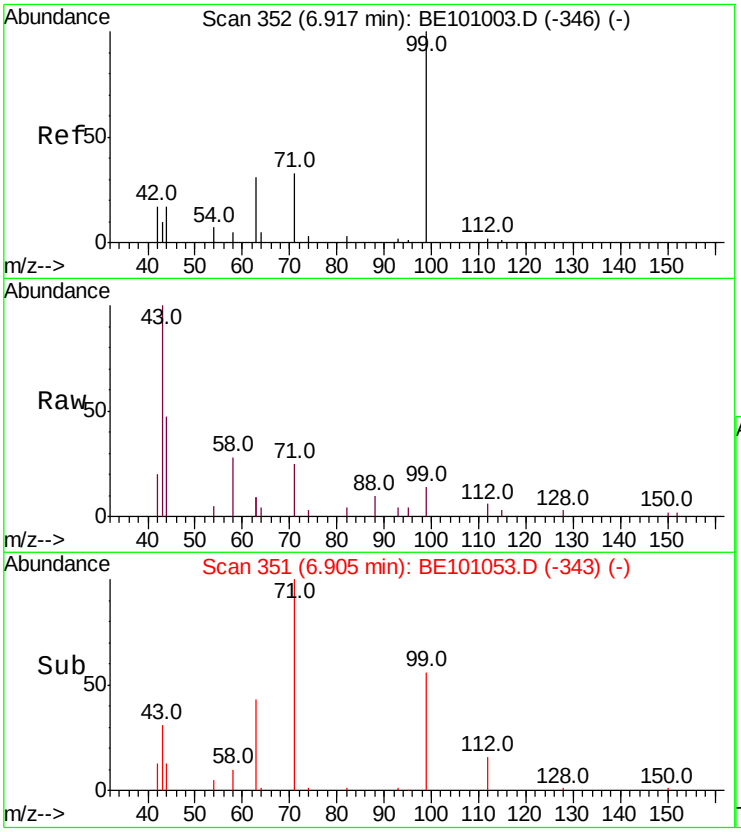


#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.34 min Scan# 215
Delta R.T. -0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:112 Resp: 1134

Ion	Ratio	Lower	Upper
112	100		
64	84.7	53.6	80.4#
63	133.7	114.6	172.0



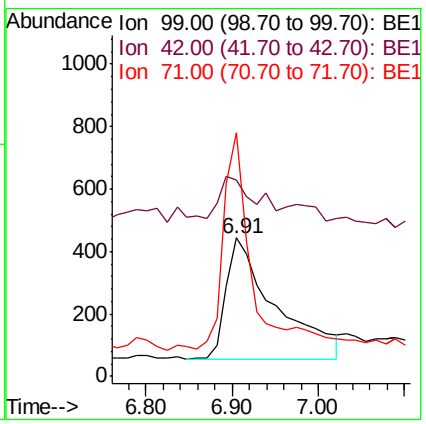


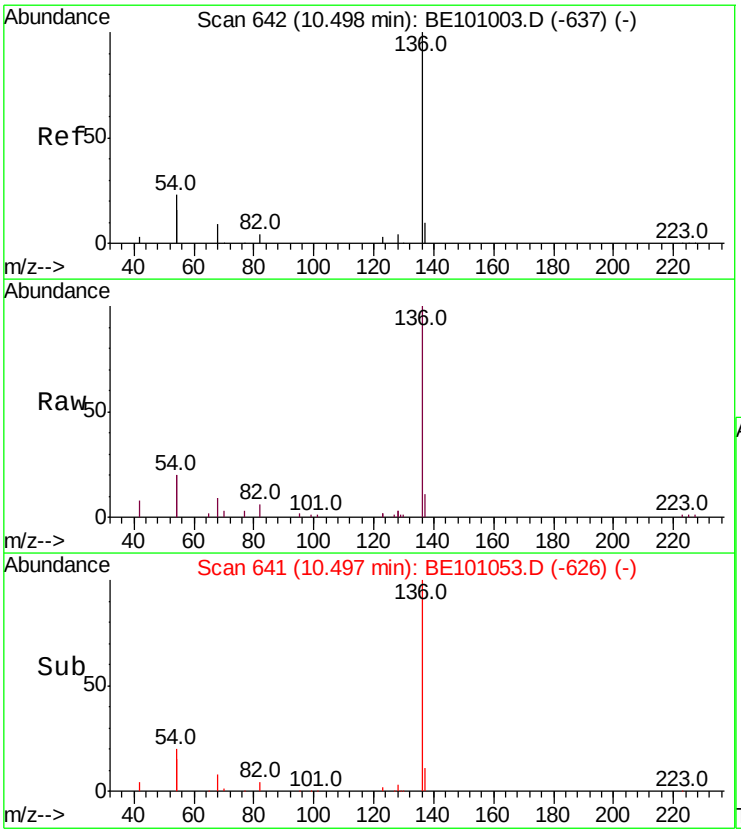
#5
Phenol-d6
Concen: 0.140 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1543

Ion	Ratio	Lower	Upper
99	100		
42	24.7	18.3	27.5
71	108.2	28.0	42.0#

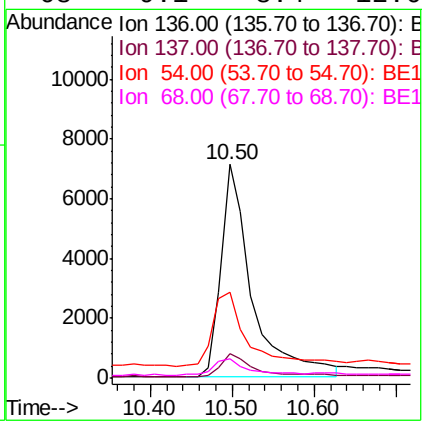


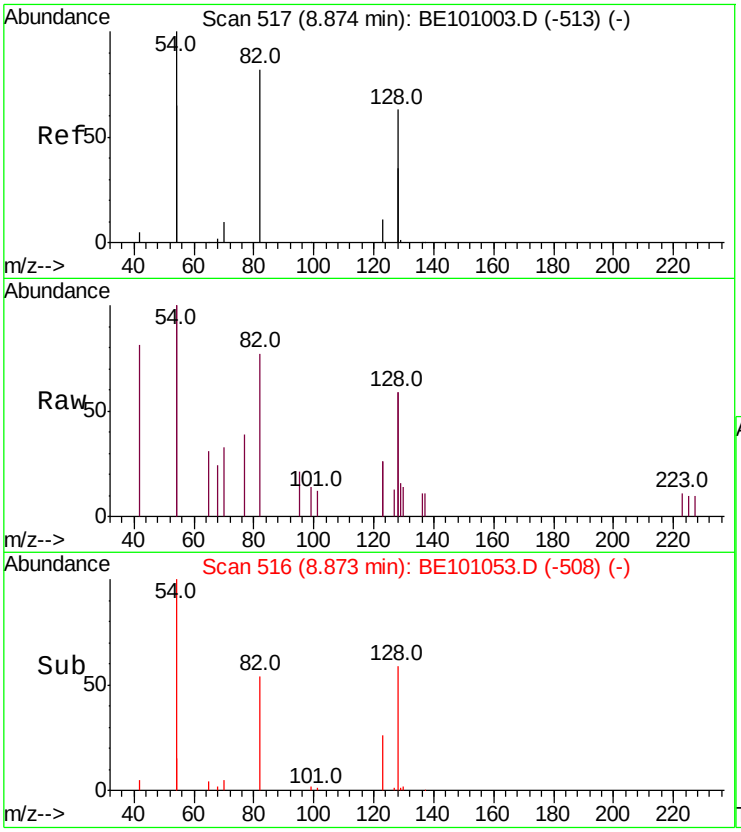


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:136 Resp: 18723

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	40.4	36.8	55.2
68	9.1	8.4	12.6



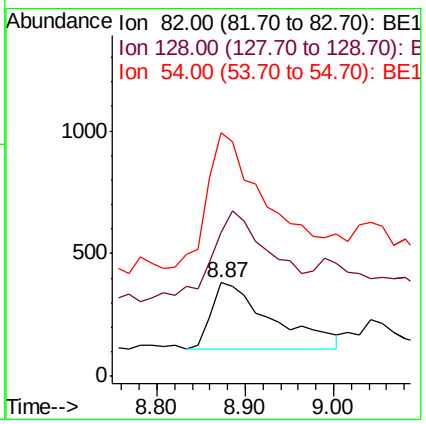


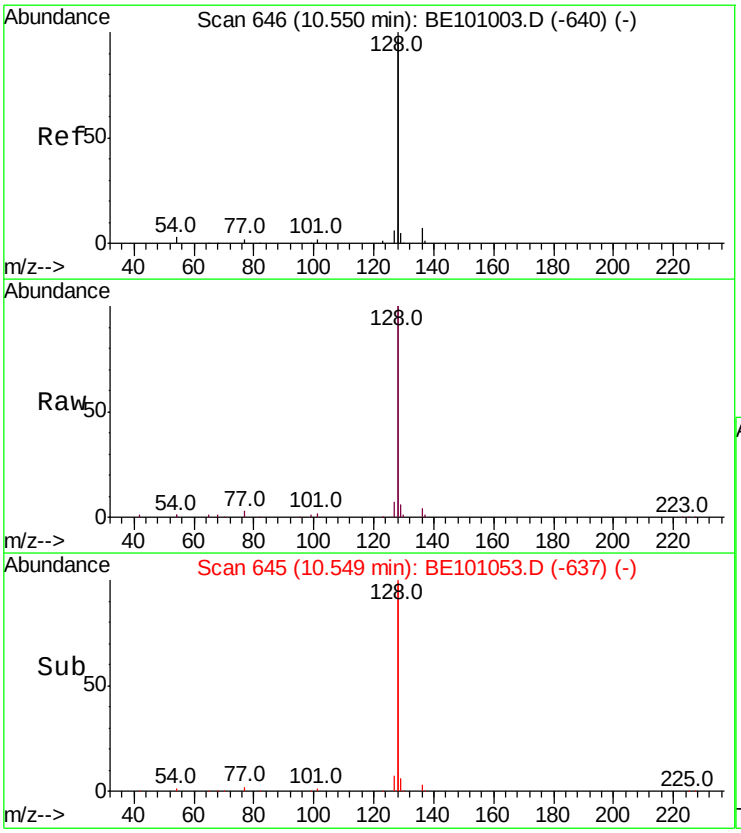
#8
Nitrobenzene-d5
Concen: 0.097 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1299

Ion	Ratio	Lower	Upper
82	100		
128	154.2	109.8	164.6
54	261.1	174.5	261.7

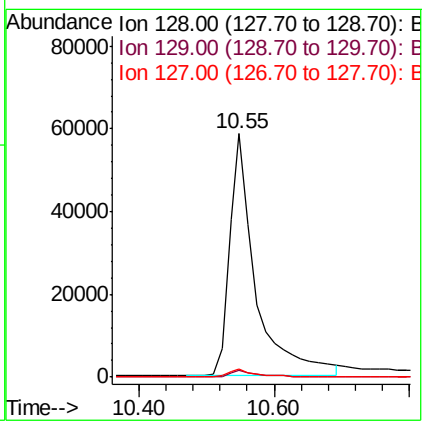


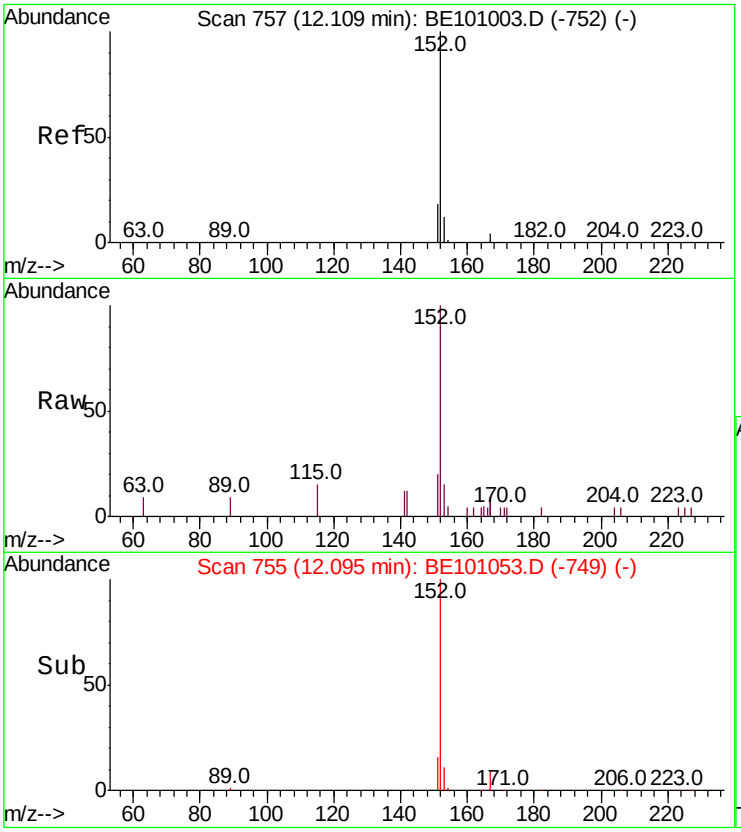


#9
Naphthalene
Concen: 0.756 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:128 Resp: 157233

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.4	2.7	4.1



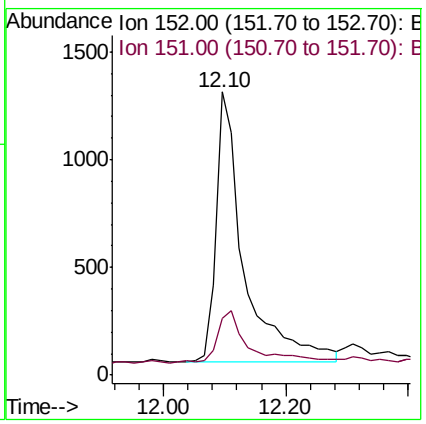


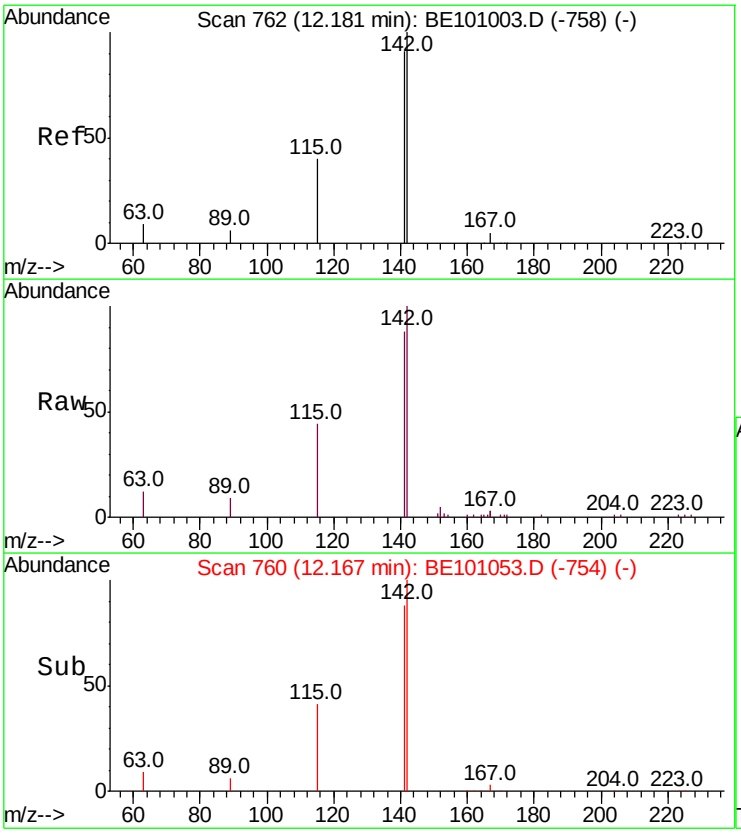
#11
2-Methylnaphthalene-d10
Concen: 0.111 ng
RT: 12.10 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3963

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

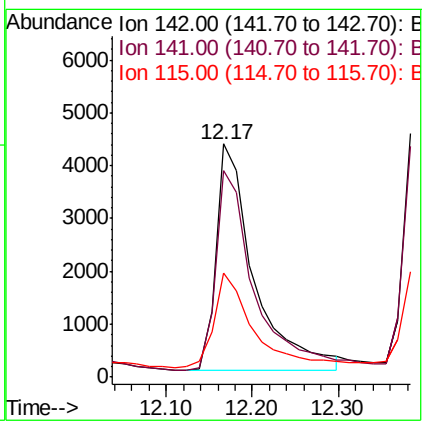


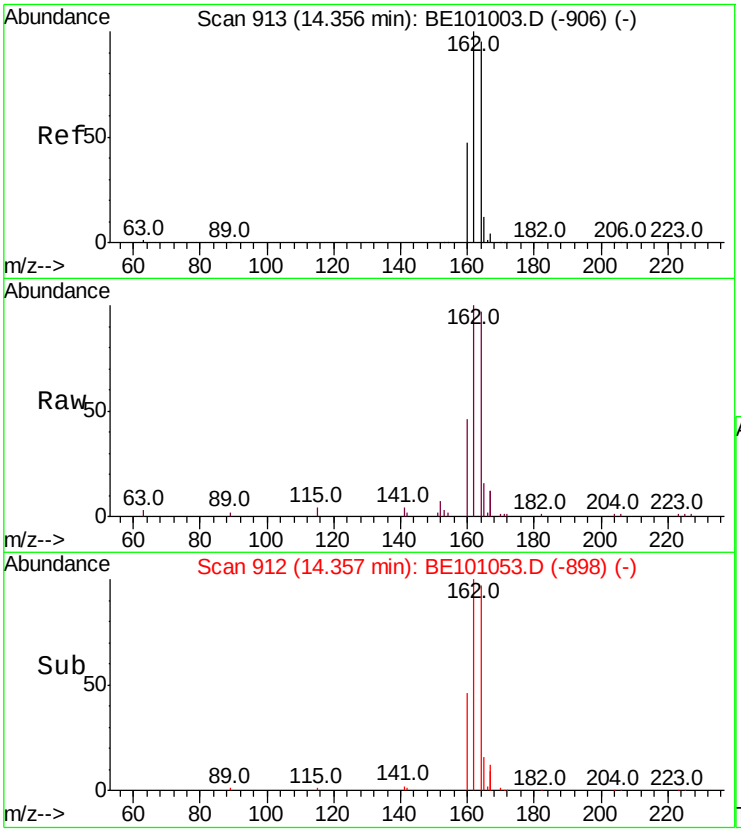


#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:142 Resp: 13157

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.5	108.7
115	44.5	33.0	49.6



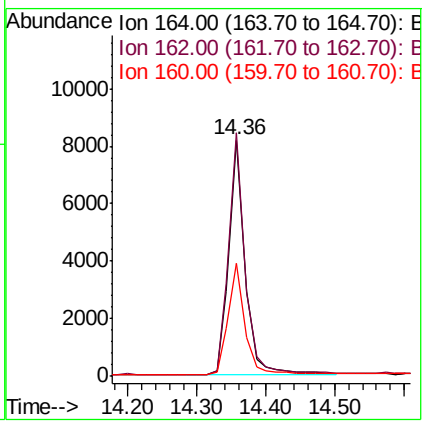


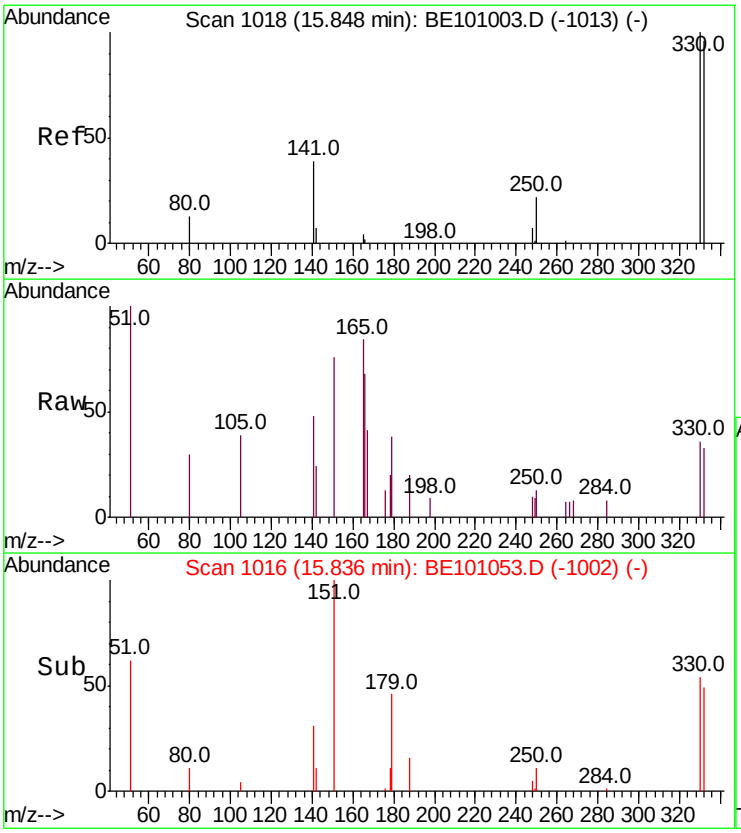
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13551

Ion	Ratio	Lower	Upper
164	100		
162	102.9	84.1	126.1
160	47.5	40.4	60.6

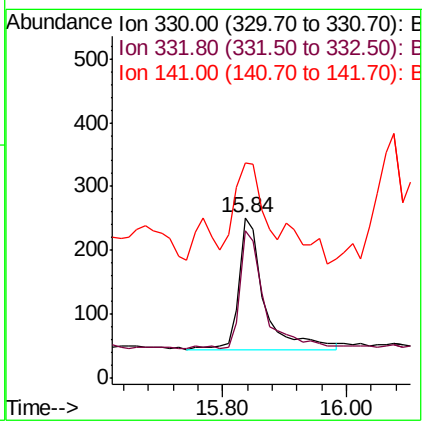


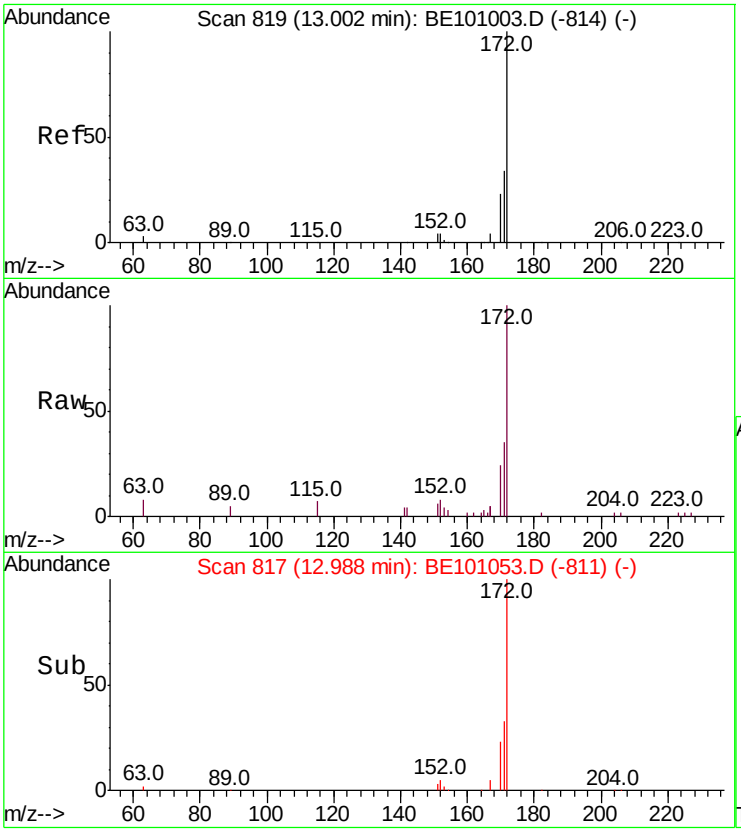


#14
2,4,6-Tribromophenol
Concen: 0.155 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:330 Resp: 591

Ion	Ratio	Lower	Upper
330	100		
332	86.0	78.4	117.6
141	70.9	37.0	55.4#



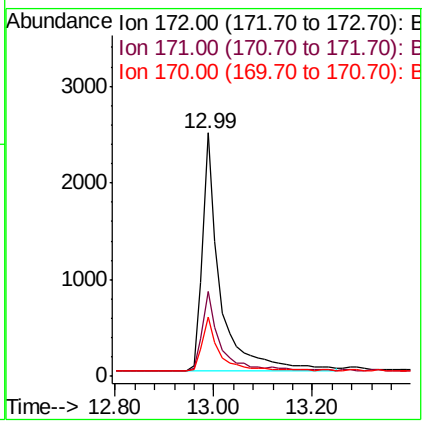


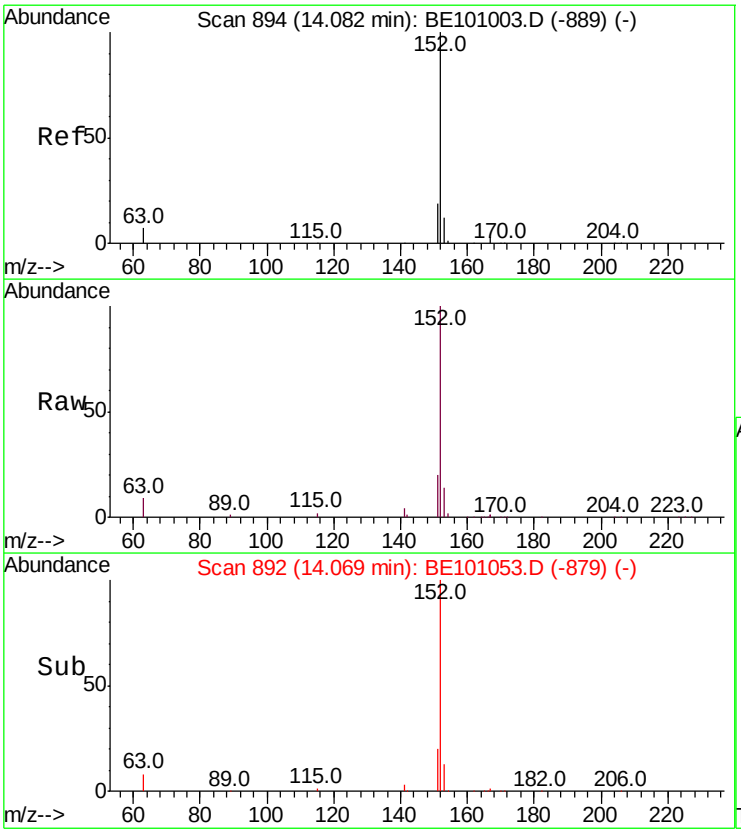
#15
2-Fluorobiphenyl
Concen: 0.120 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6197

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	24.2	18.9	28.3

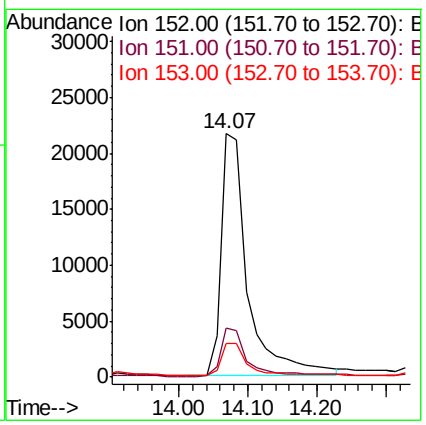


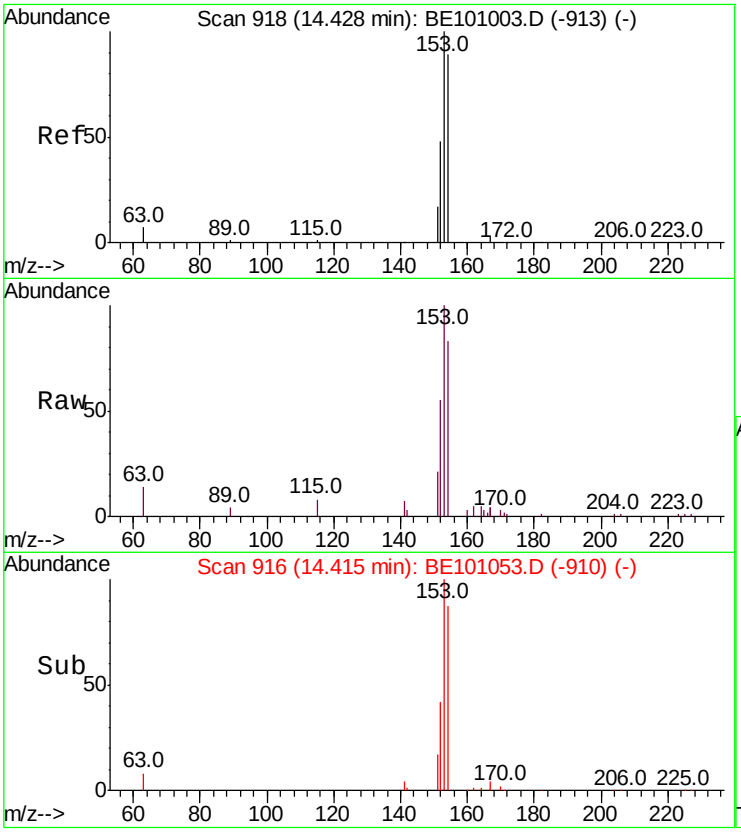


#16
Acenaphthylene
Concen: 1.059 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:152 Resp: 58444

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.5	10.4	15.6



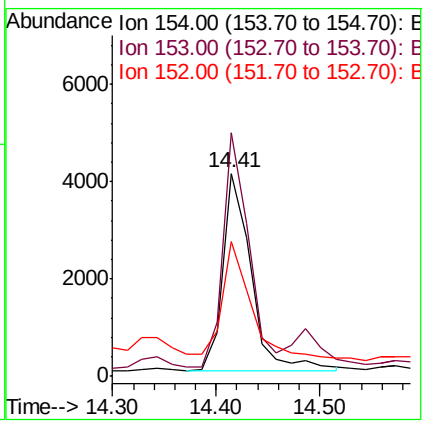


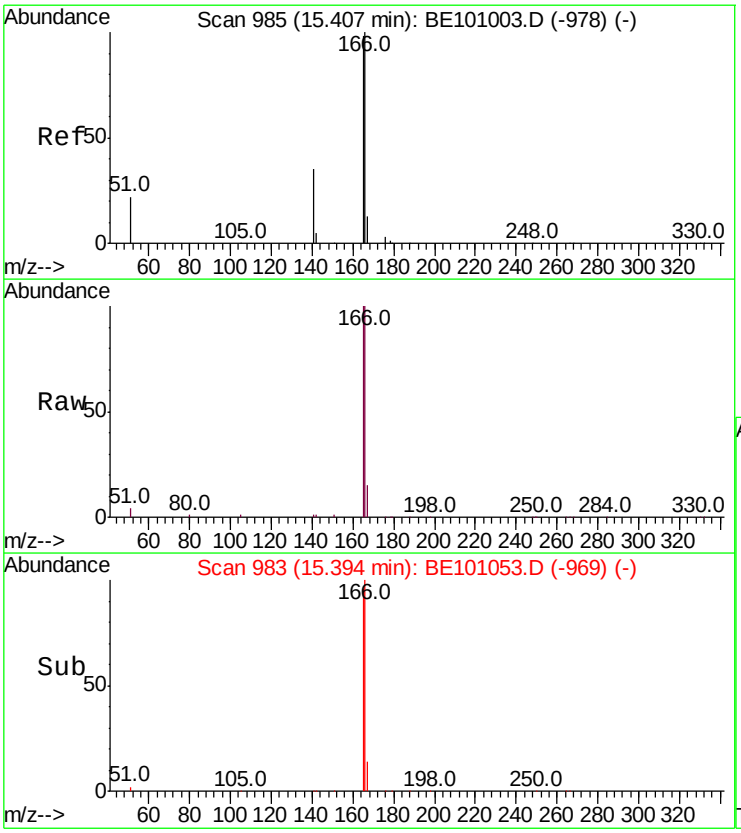
#17
Acenaphthene
Concen: 0.194 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7676

Ion	Ratio	Lower	Upper
154	100		
153	107.9	93.6	140.4
152	59.0	46.3	69.5

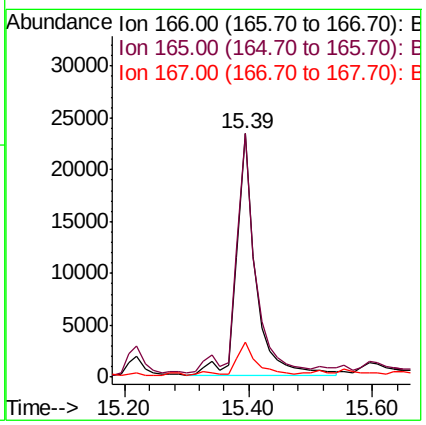


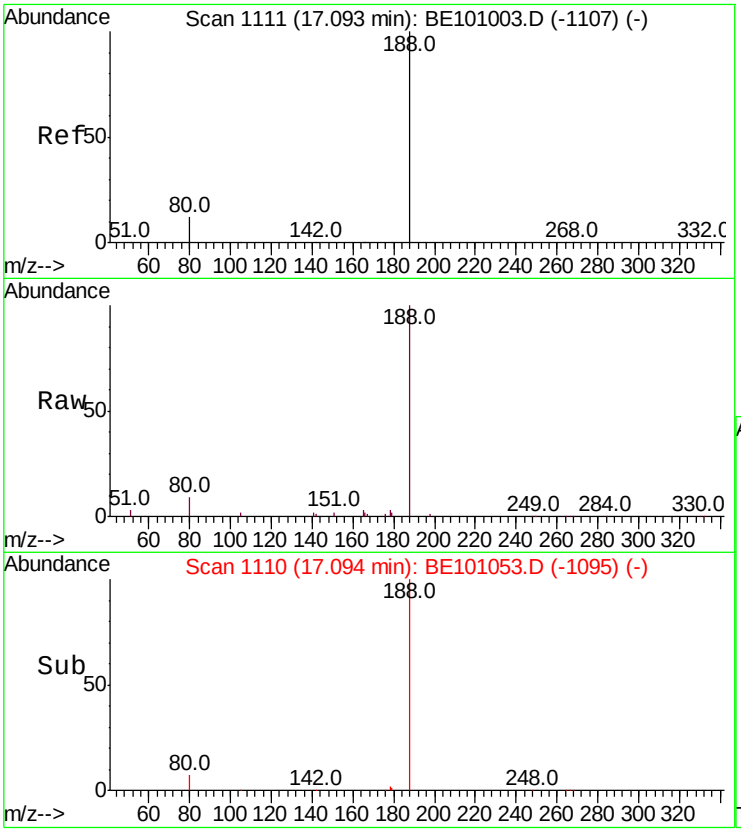


#18
Fluorene
Concen: 0.991 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:166 Resp: 49466

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.8	119.8
167	12.9	11.0	16.6



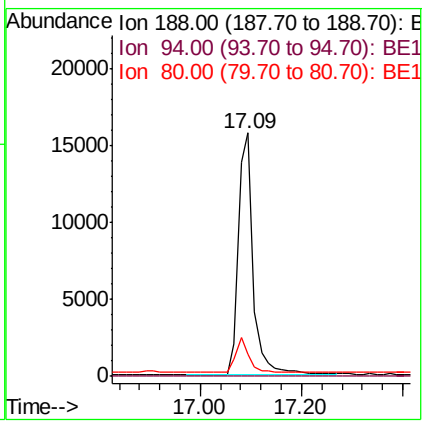


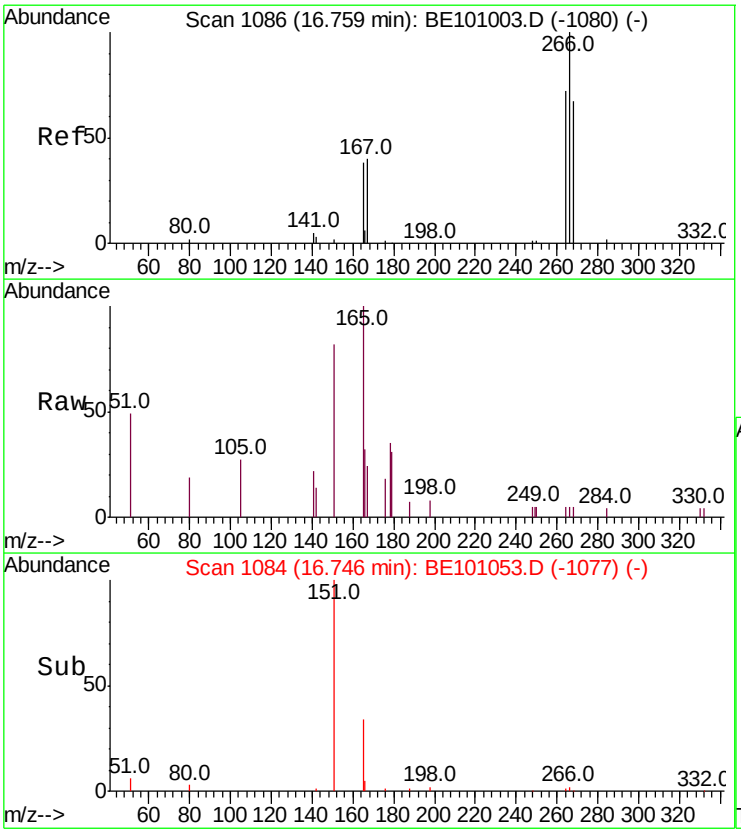
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 32150

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	10.8	16.2#

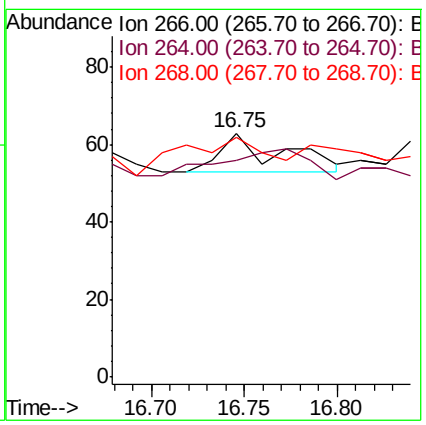


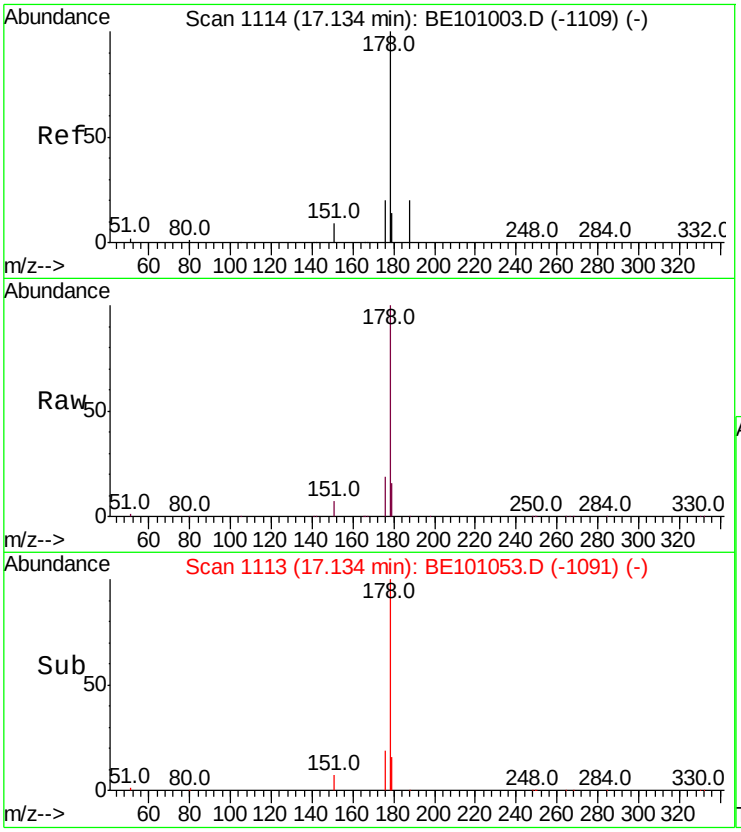


#22
Pentachlorophenol
Concen: 0.254 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:266 Resp: 23

Ion	Ratio	Lower	Upper
266	100		
264	88.9	61.0	91.4
268	98.4	58.5	87.7#



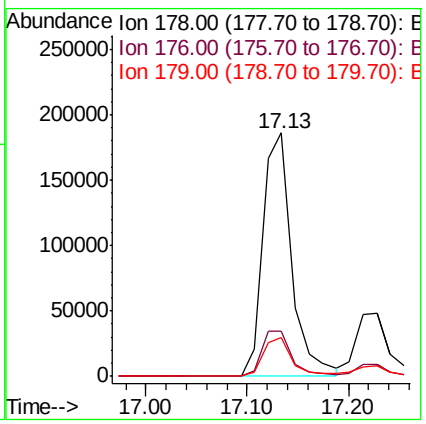


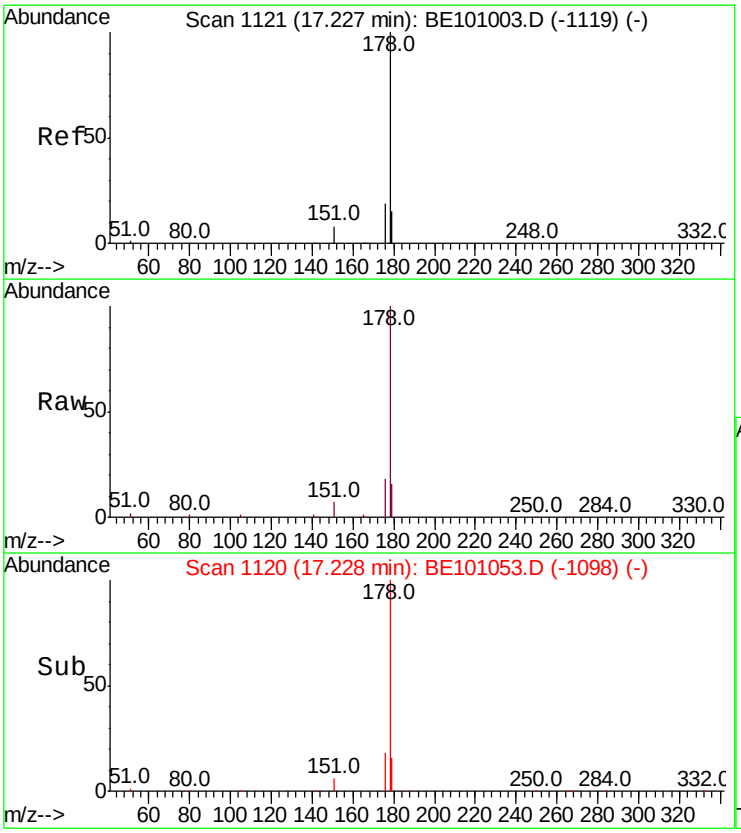
#23
Phenanthrene
Concen: 4.193 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 368145

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.4	12.0	18.0

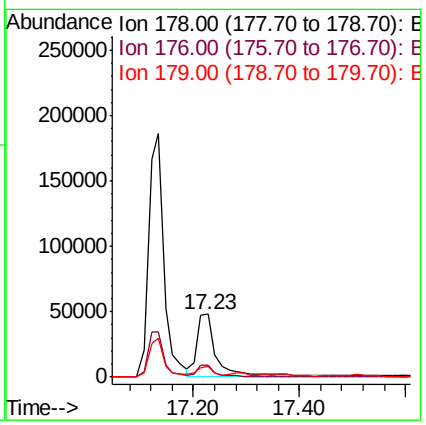


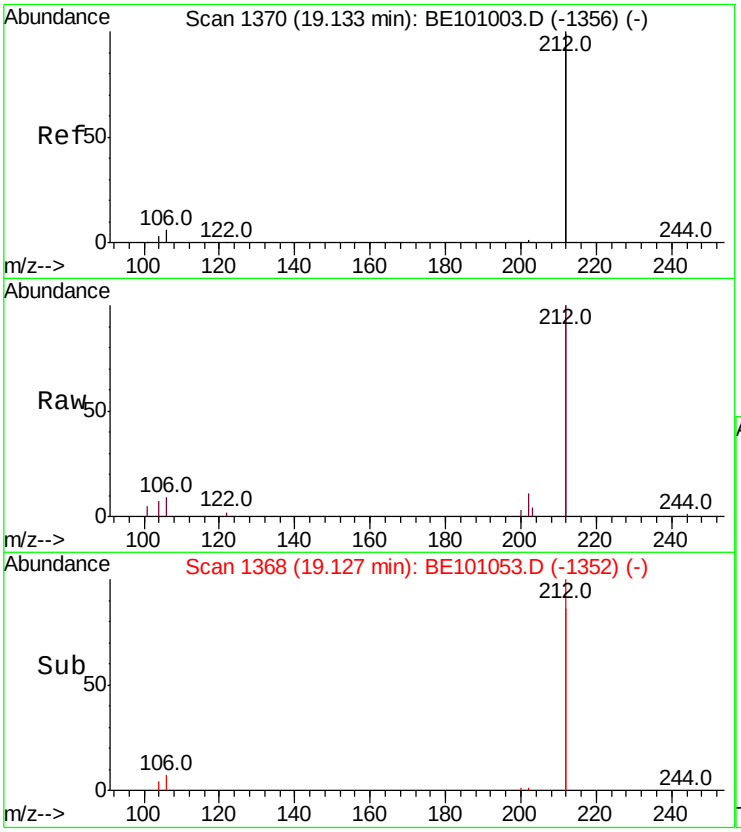


#24
Anthracene
Concen: 1.452 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:178 Resp: 120279

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.1	12.4	18.6



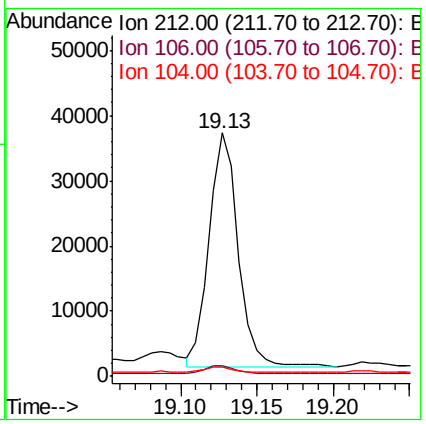


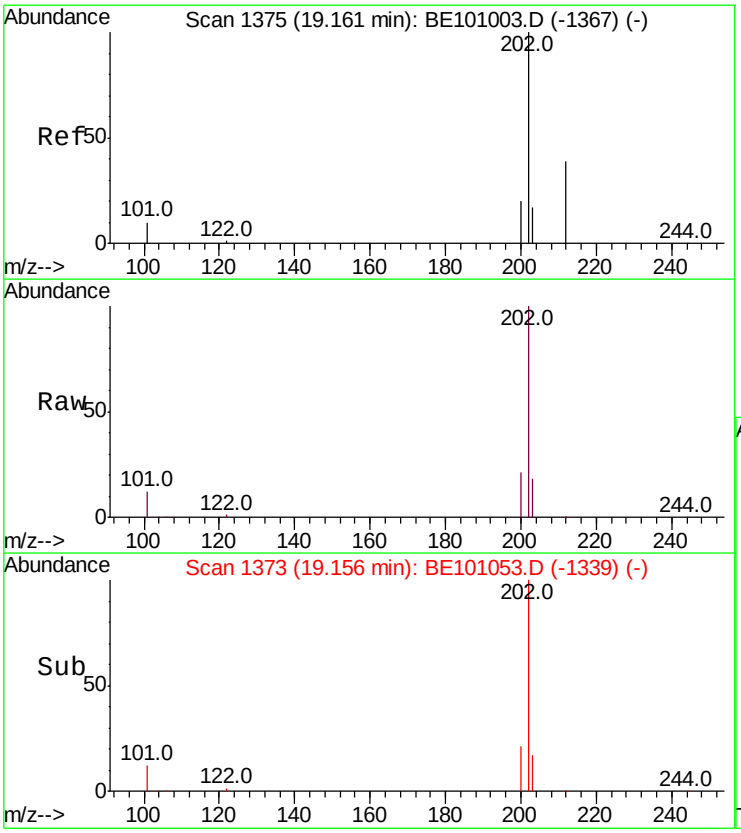
#25
Fluoranthene-d10
Concen: 0.106 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 47545

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	3.8
104	2.2	1.4	2.0#

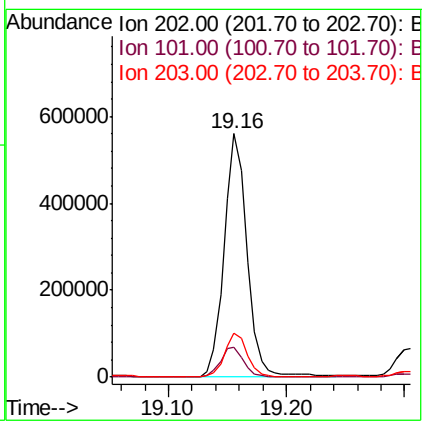


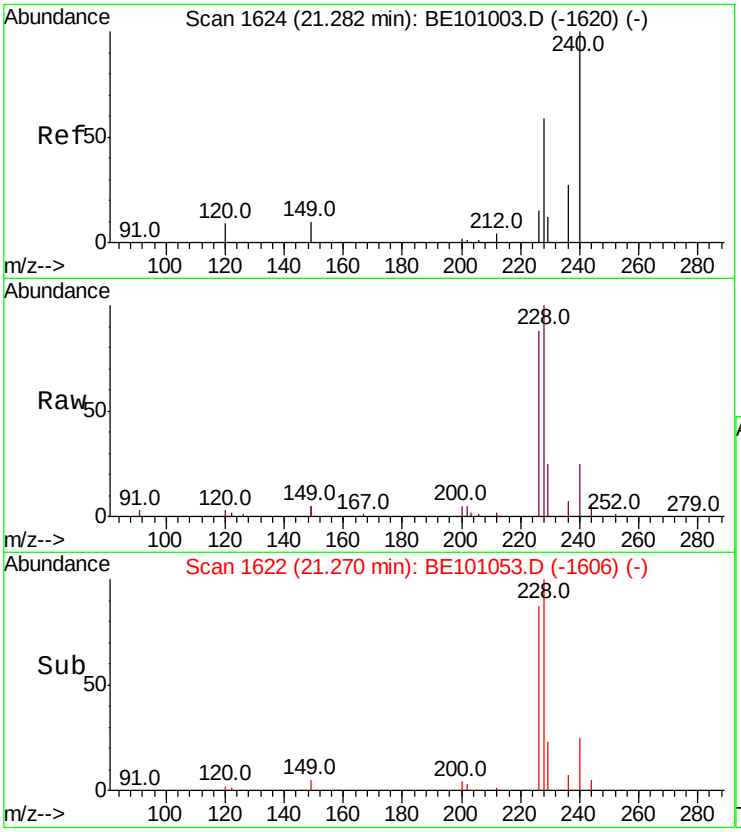


#26
Fluoranthene
Concen: 6.854 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:202 Resp: 753525

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.6	13.8	20.6



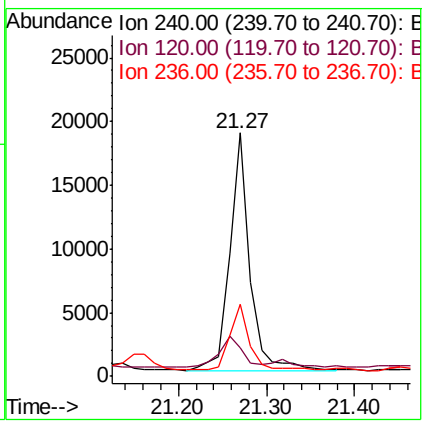


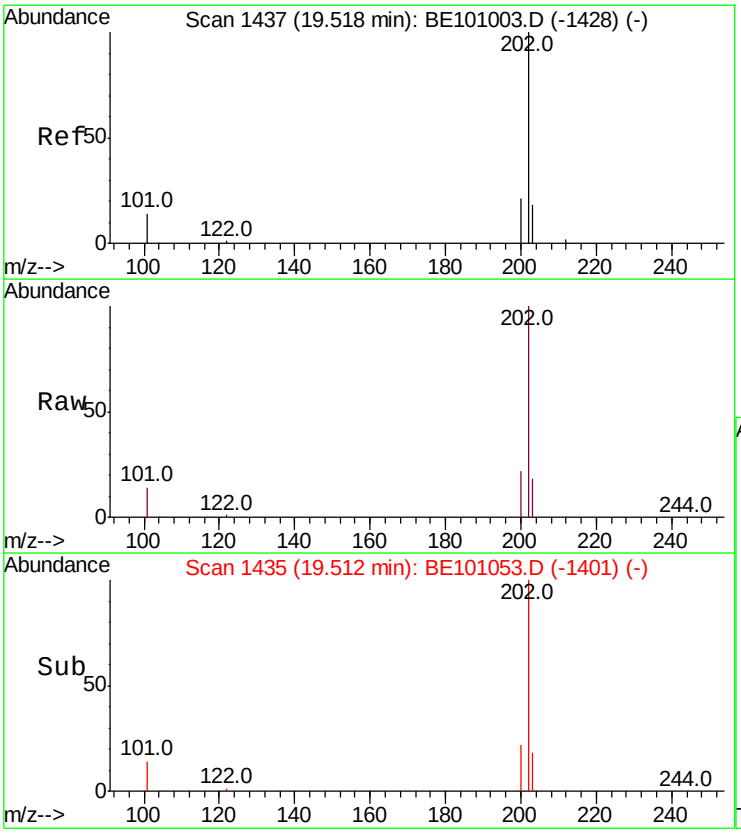
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 29919

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.6	13.0
236	29.6	22.2	33.4

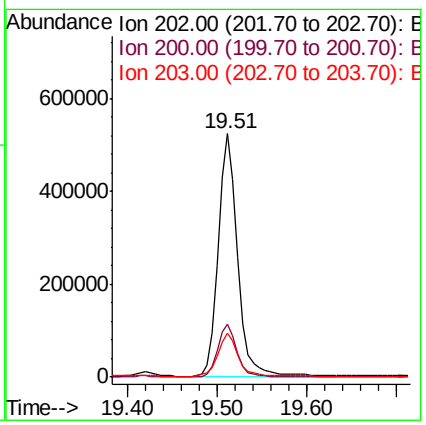


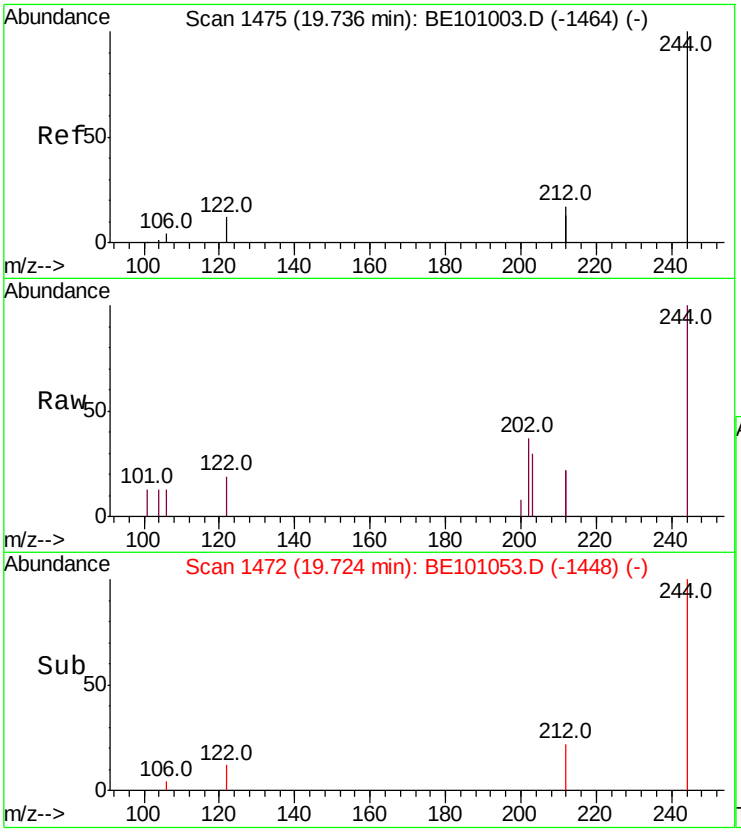


#28
Pyrene
Concen: 6.986 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:202 Resp: 778046

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	18.9	13.8	20.6



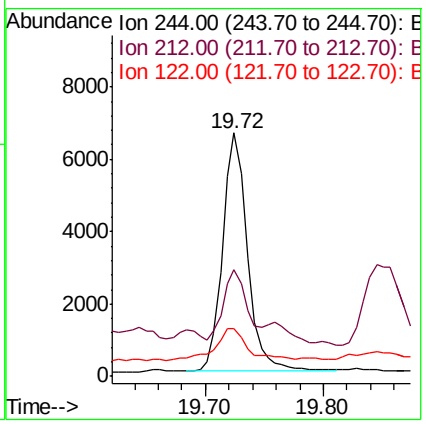


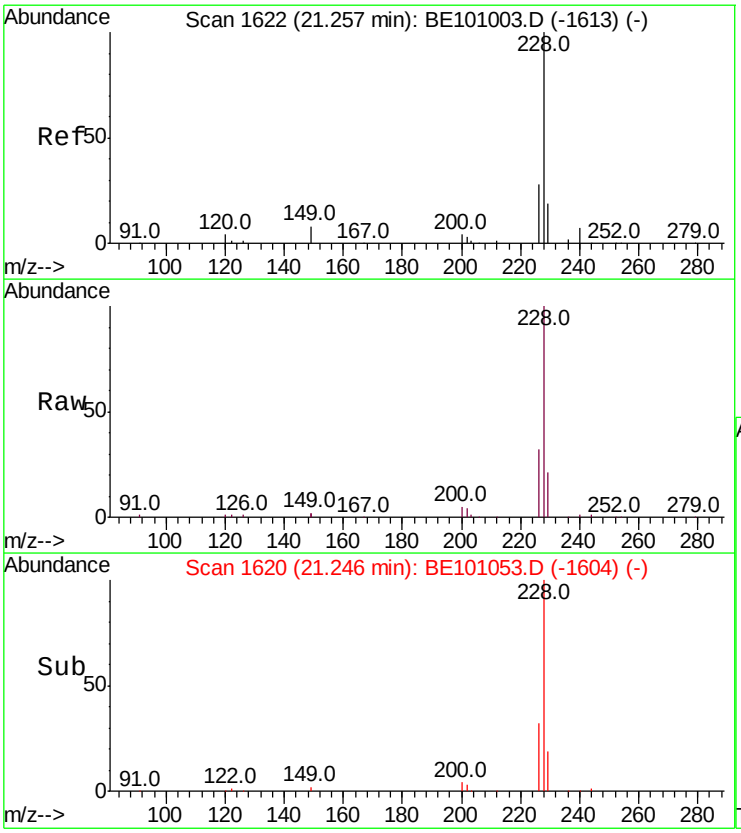
#29
Terphenyl-d14
Concen: 0.131 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9654

Ion	Ratio	Lower	Upper
244	100		
212	43.9	27.2	40.8#
122	19.5	9.8	14.8#

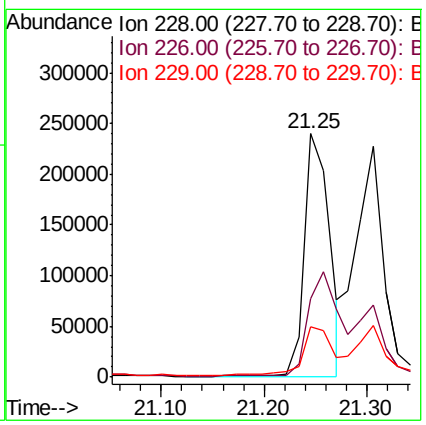


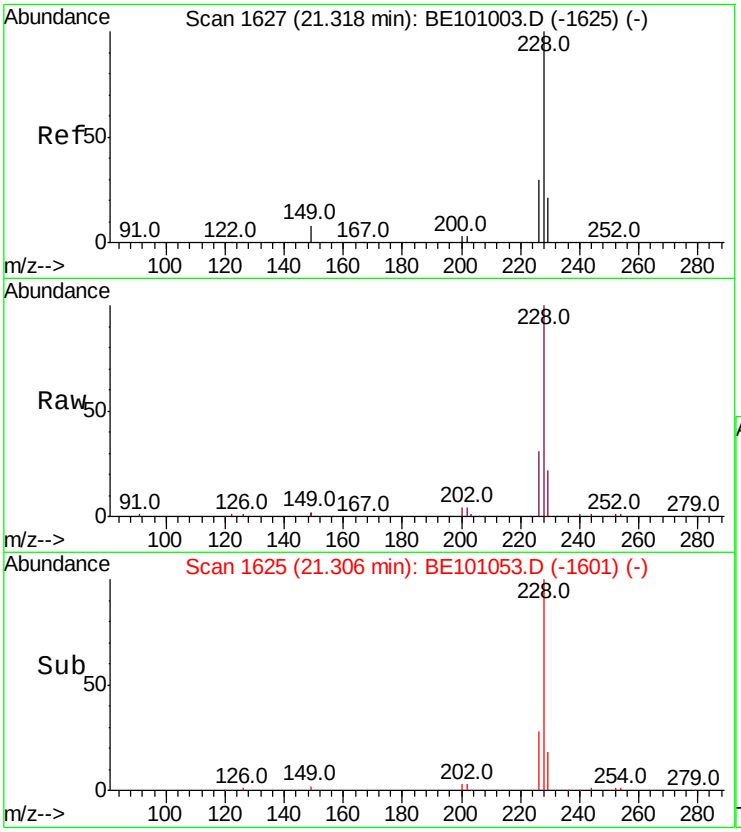


#30
Benzo(a)anthracene
Concen: 4.784 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:228 Resp: 408422

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.7	34.1
229	20.6	15.5	23.3



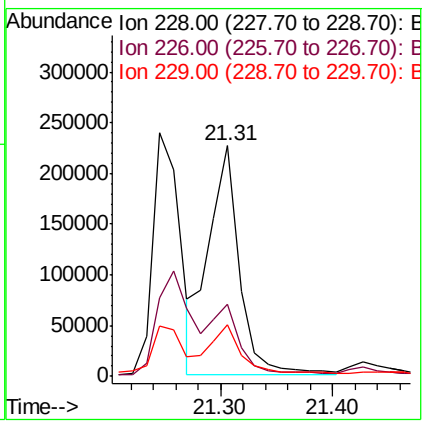


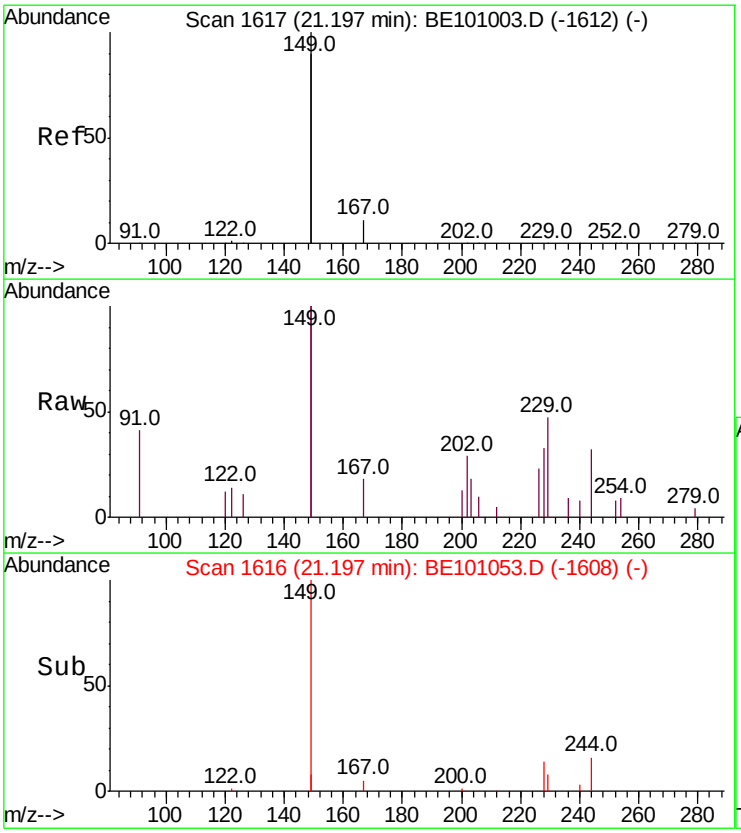
#31
Chrysene
Concen: 3.421 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 434137

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.5	35.3
229	22.1	16.7	25.1

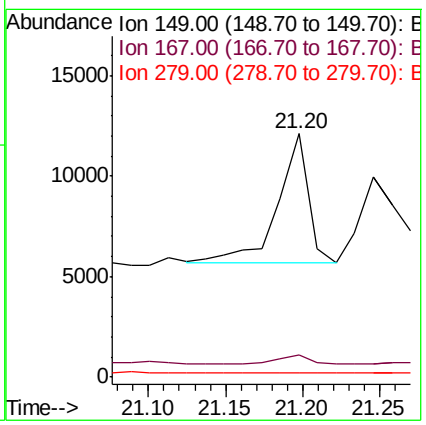


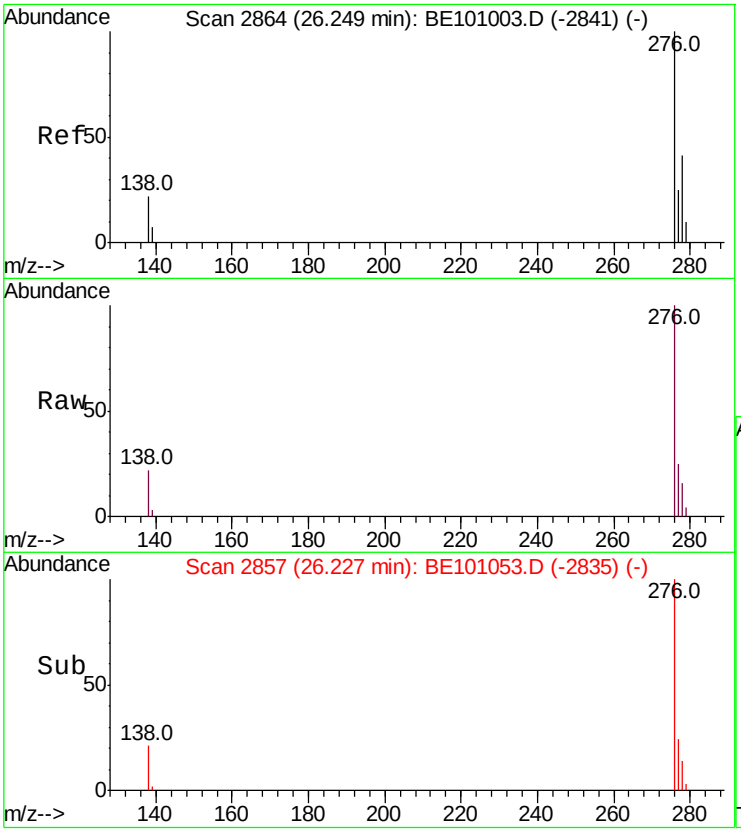


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 21.20 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:149 Resp: 8906

Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.2	7.8#
279	0.8	0.8	1.2



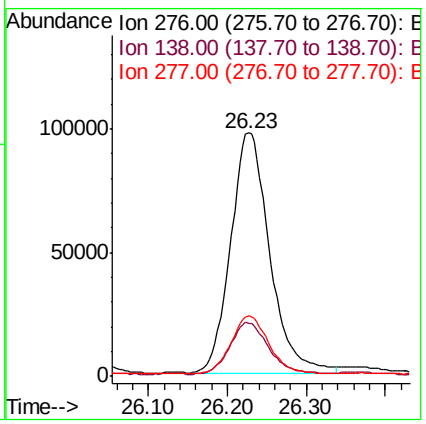


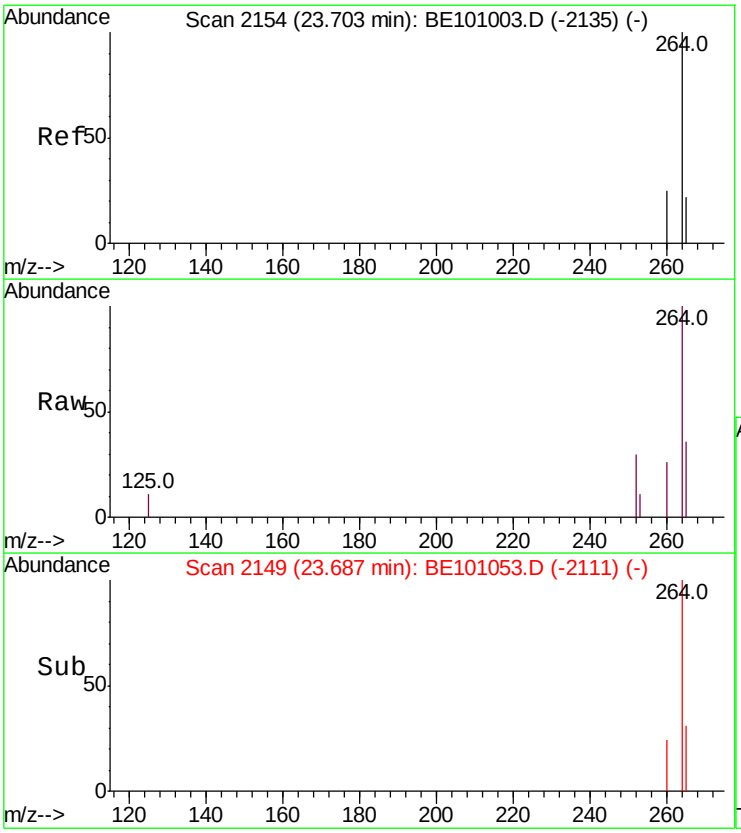
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.319 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 332726

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.1	24.1
277	22.7	18.1	27.1

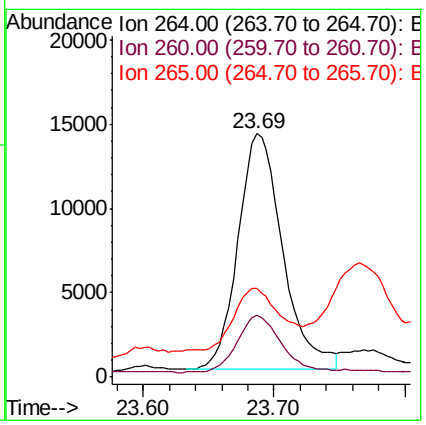


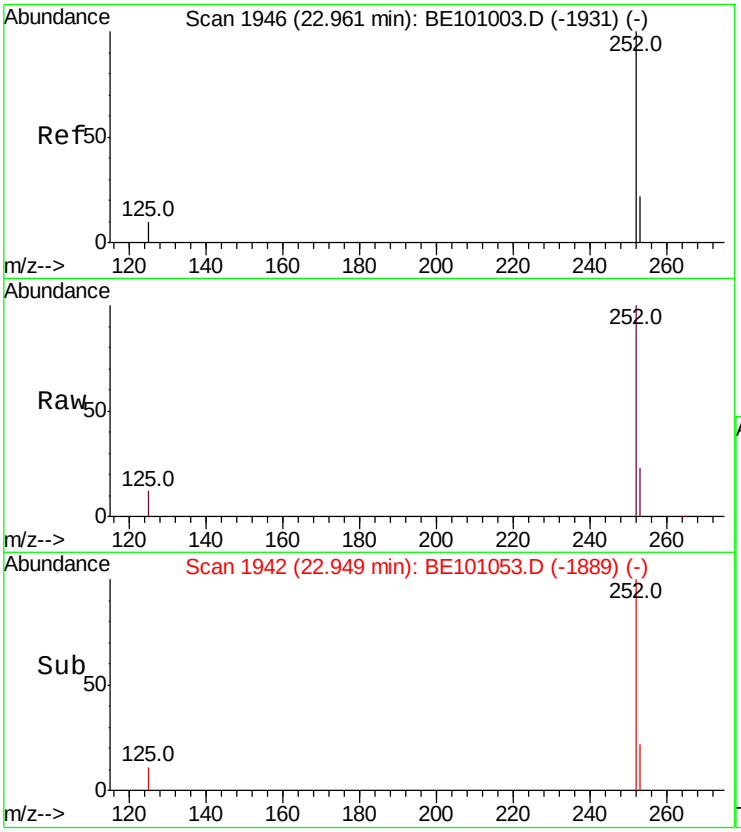


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:264 Resp: 33066

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.3	30.5
265	36.3	27.0	40.4



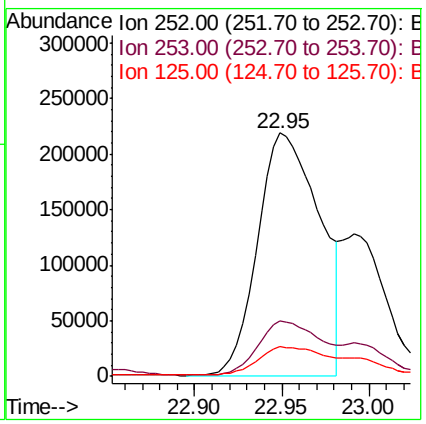


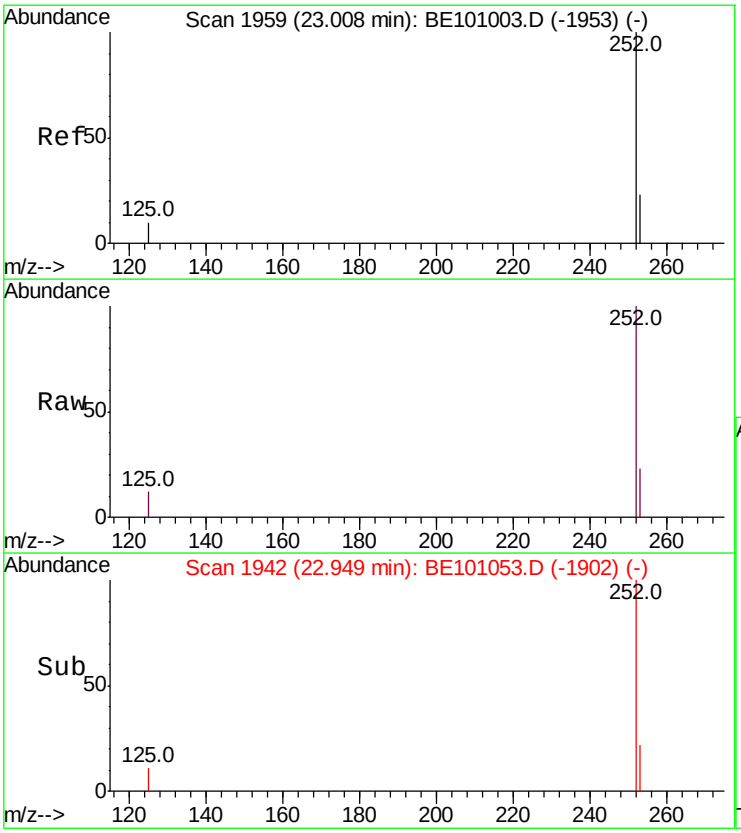
#35
Benzo(b)fluoranthene
Concen: 5.820 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 539763

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	12.1	9.5	14.3

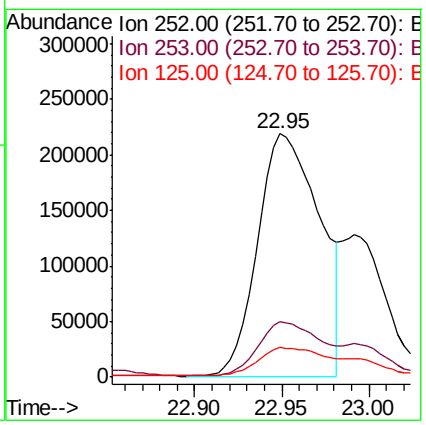


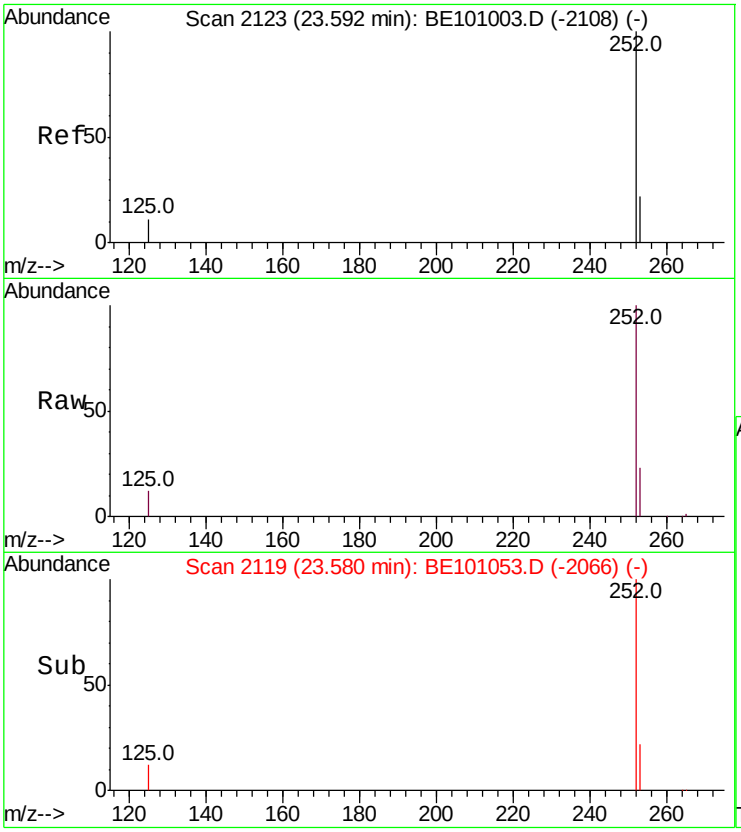


#36
Benzo(k)fluoranthene
Concen: 4.017 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.06 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:252 Resp: 539763

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	12.1	10.1	15.1



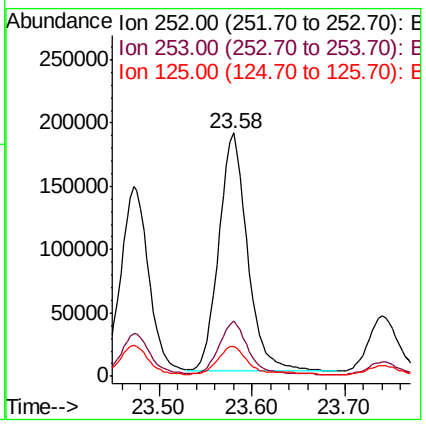


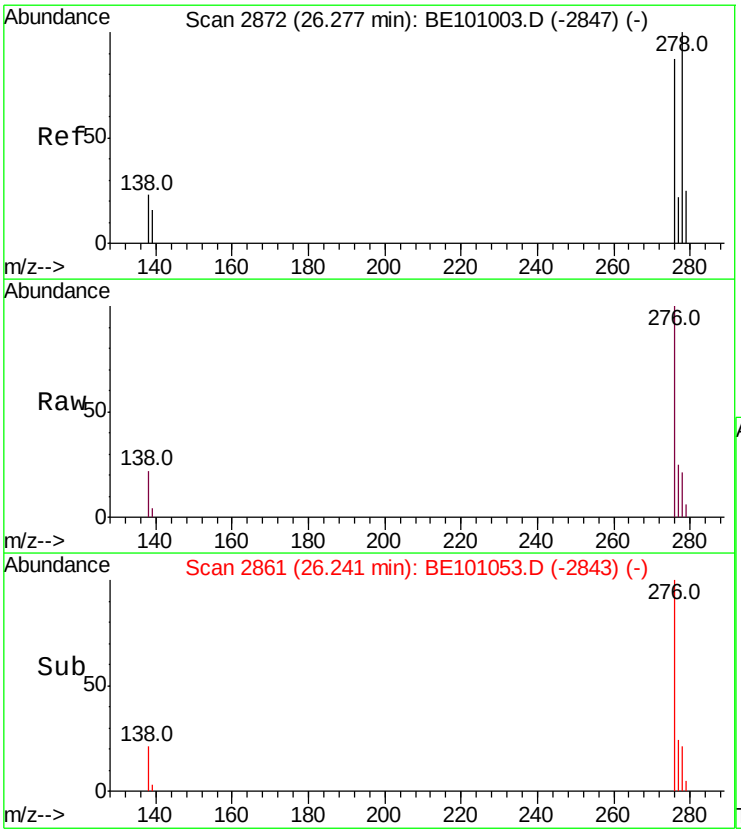
#37
Benzo(a)pyrene
Concen: 4.469 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 400924

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.2
125	12.2	11.8	17.6

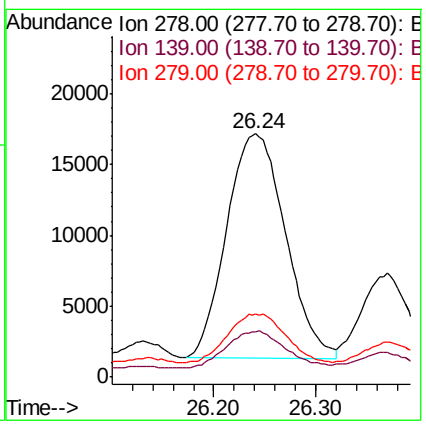


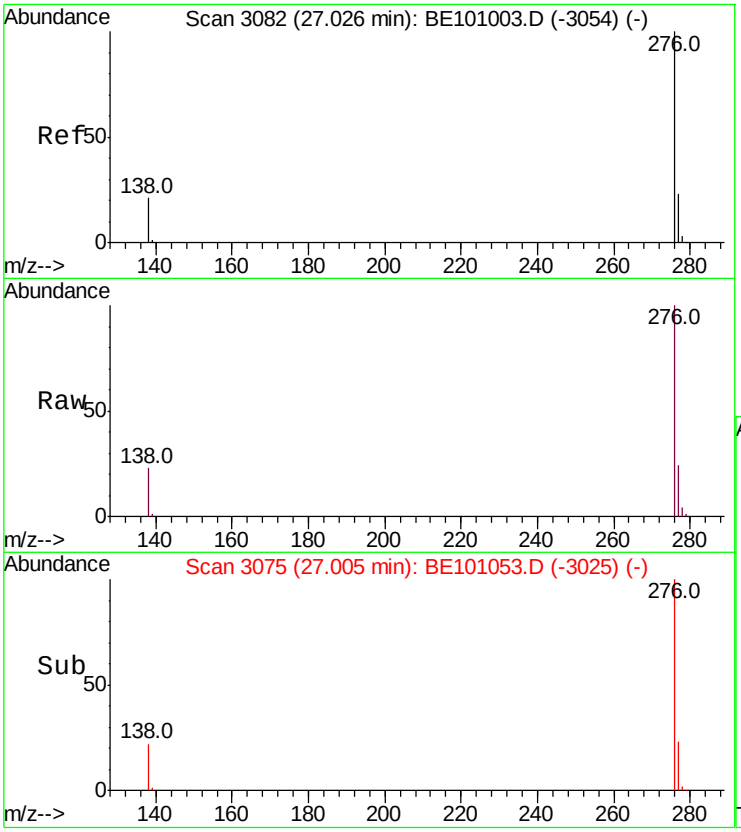


#38
Dibenzo(a,h)anthracene
Concen: 0.768 ng
RT: 26.24 min Scan# 2861
Delta R.T. -0.04 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Tgt Ion:278 Resp: 63373

Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.0	22.4
279	25.8	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 4.074 ng
RT: 27.00 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BE101053.D
Acq: 14 Jan 2020 15:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 413342

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	22.7	17.9	26.9