Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101058.D
Acq On : 14 Jan 2020 19:03
Operator : JU
Sample : L1103-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 14 20:43:11 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	3864	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	20178	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	13951	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	31576	0.40	ng		0.00
27) Chrysene-d12	21.27	240	30525	0.40	ng		-0.01
34) Perylene-d12	23.69	264	33978	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	299	0.03	ng		0.00
5) Phenol-d6	6.92	99	377	0.03	ng		0.00
8) Nitrobenzene-d5	8.87	82	269	0.02	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	888	0.02	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	161	0.04	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	1196	0.02	ng		-0.01
25) Fluoranthene-d10	19.12	212	9409	0.02	ng		-0.01
29) Terphenyl-d14	19.72	244	2187	0.03	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.55	128	237203	1.059	ng		100
12) 2-Methylnaphthalene	12.17	142	12077	0.356	ng		97
16) Acenaphthylene	14.08	152	42947	0.756	ng		100
17) Acenaphthene	14.41	154	1135	0.028	ng	#	83
18) Fluorene	15.39	166	9297	0.181	ng		91
22) Pentachlorophenol	16.74	266	53	0.259	ng	#	83
23) Phenanthrene	17.13	178	204790	2.375	ng		98
24) Anthracene	17.13	178	204790	2.517	ng		99
26) Fluoranthene	19.15	202	383210	3.549	ng		99
28) Pyrene	19.51	202	616281	5.424	ng		98
30) Benzo(a)anthracene	21.31	228	284189	3.263	ng		93
31) Chrysene	21.31	228	294198	2.273	ng		96
32) Bis(2-ethylhexyl)phthalate	21.20	149	18500	0.127	ng	#	93
33) Indeno(1,2,3-cd)pyrene	26.23	276	281574	2.753	ng		97
35) Benzo(b)fluoranthene	22.96	252	509171	5.343	ng		99
36) Benzo(k)fluoranthene	22.96	252	509171	3.687	ng		99
37) Benzo(a)pyrene	23.58	252	296472	3.216	ng		98
38) Dibenzo(a,h)anthracene	26.25	278	55724	0.657	ng		97
39) Benzo(g,h,i)perylene	27.02	276	348715	3.345	ng		98

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

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ALS Vial : 13 Sample Multiplier: 1

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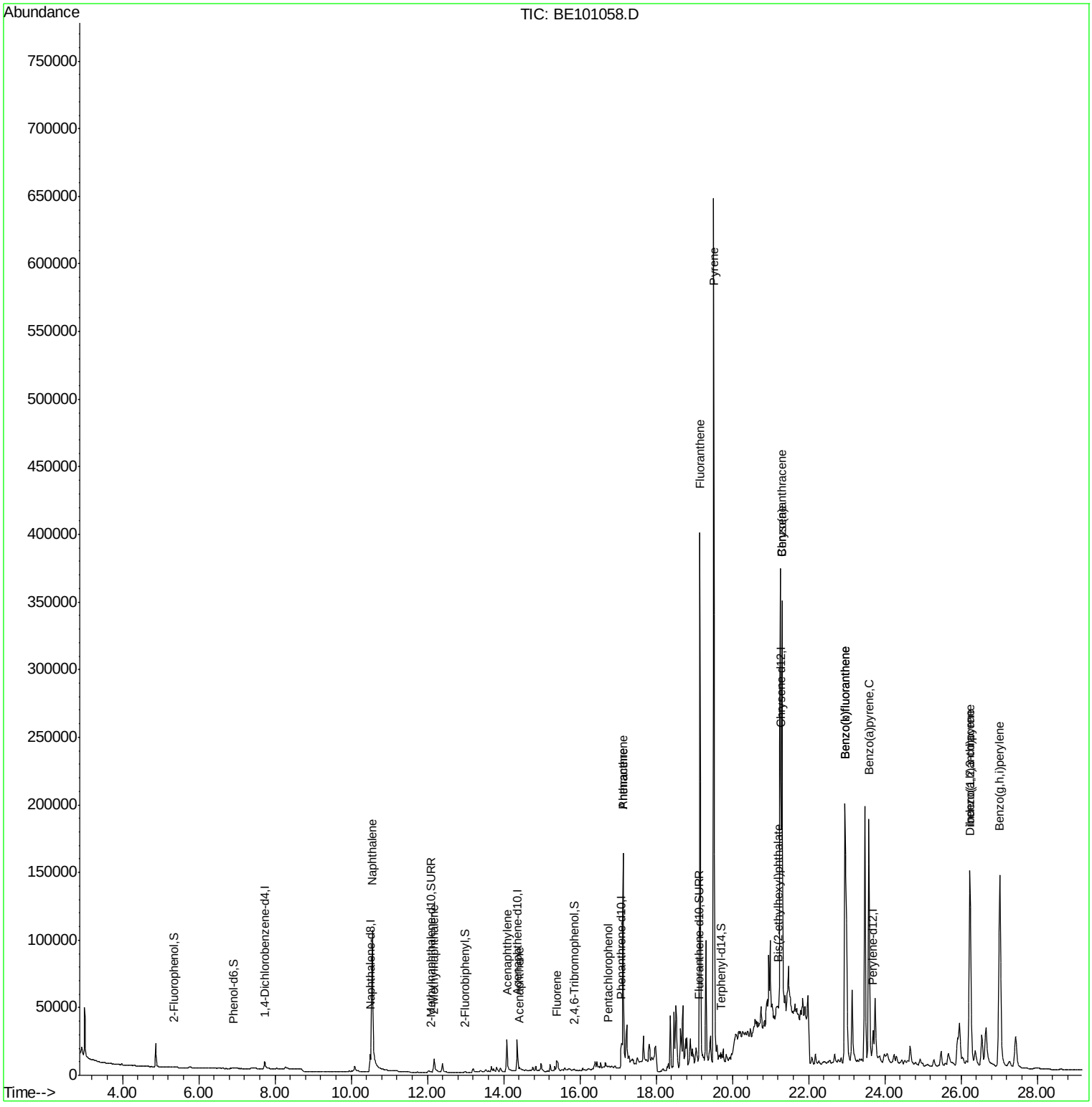
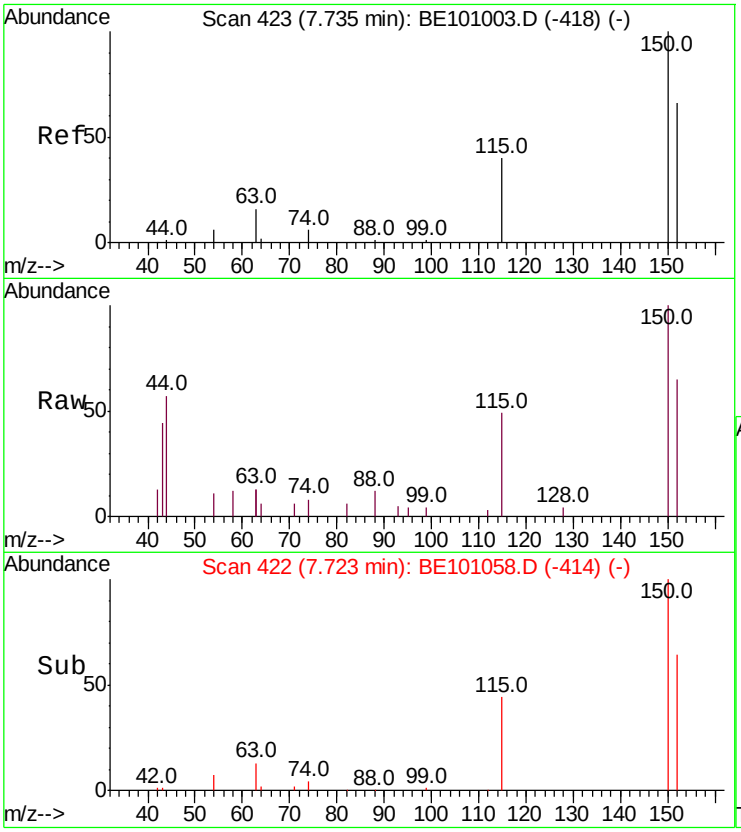
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



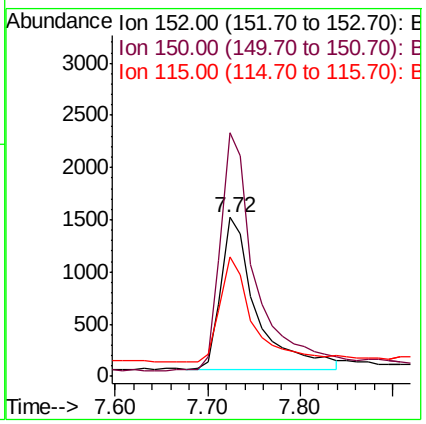


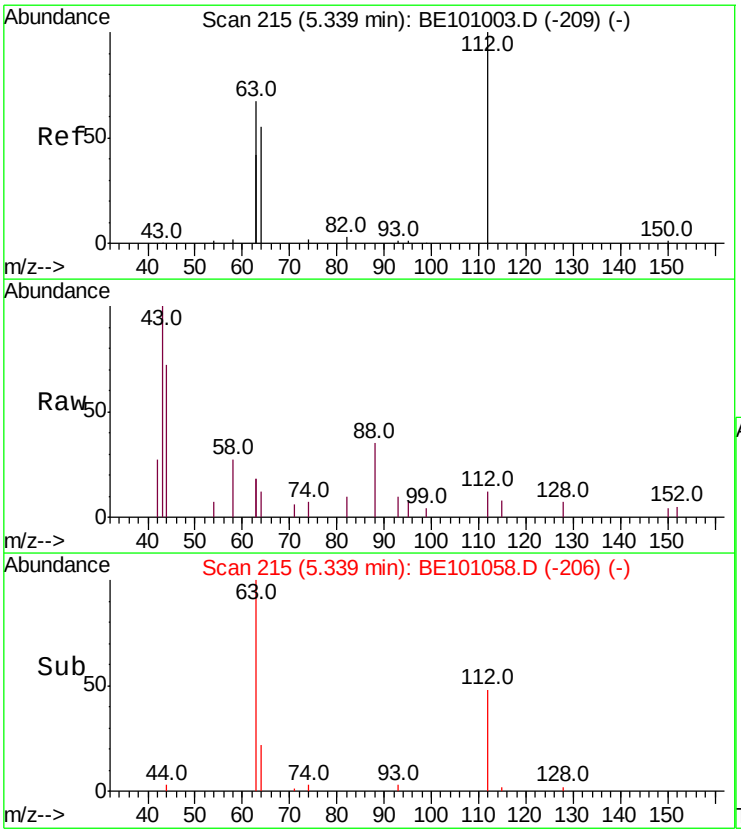
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3864

Ion	Ratio	Lower	Upper
152	100		
150	153.4	120.3	180.5
115	75.0	51.7	77.5

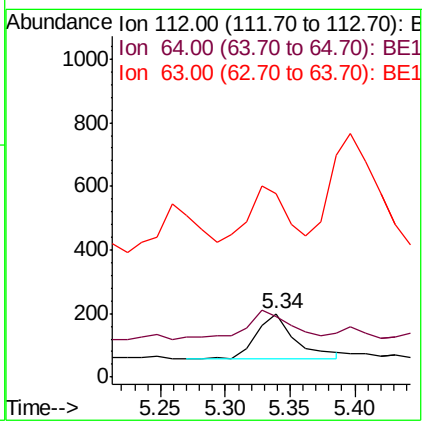


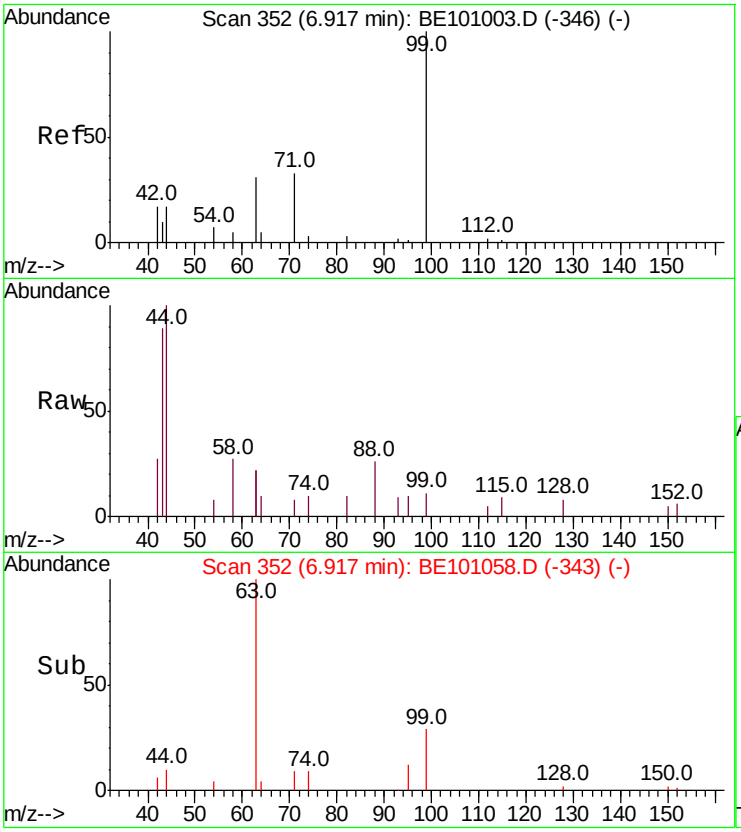


#4
2-Fluorophenol
Concen: 0.034 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:112 Resp: 299

Ion	Ratio	Lower	Upper
112	100		
64	70.2	53.6	80.4
63	115.1	114.6	172.0



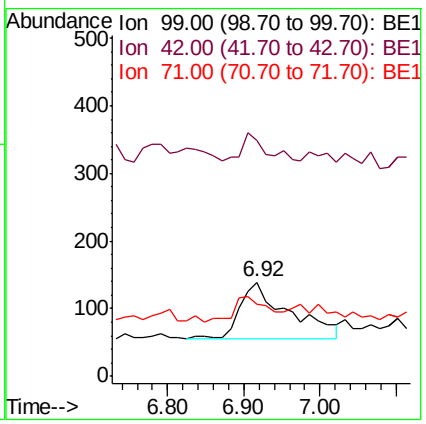


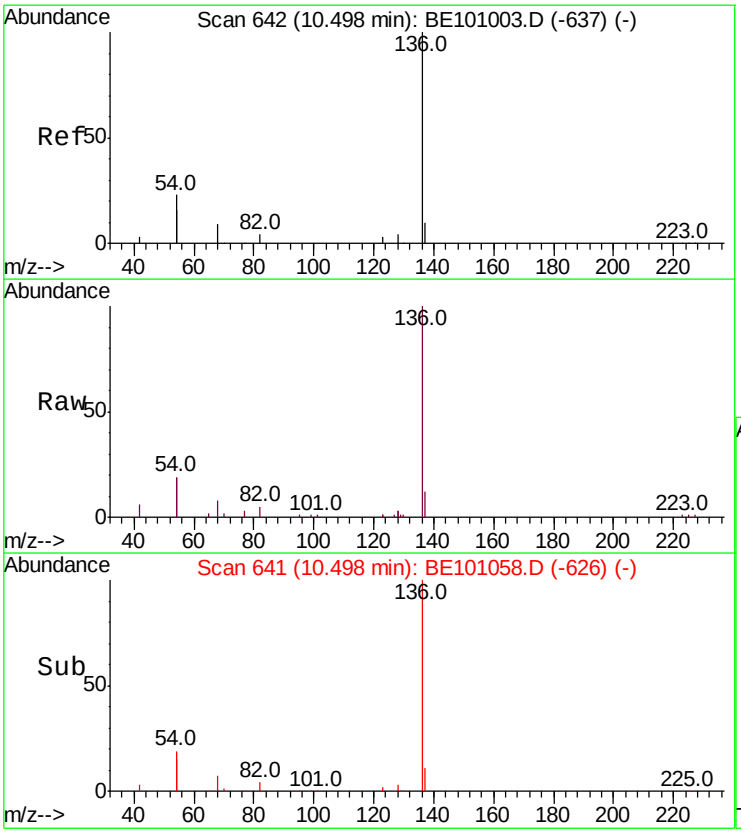
#5
Phenol-d6
Concen: 0.034 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 377

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.3	27.5
71	30.2	28.0	42.0

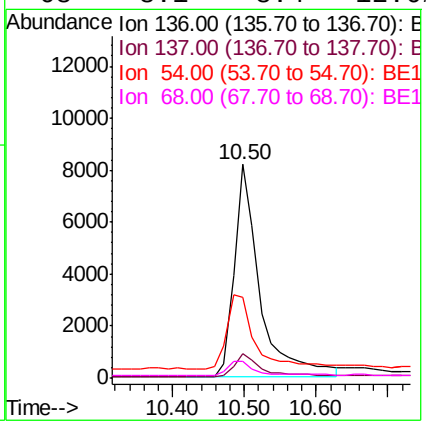


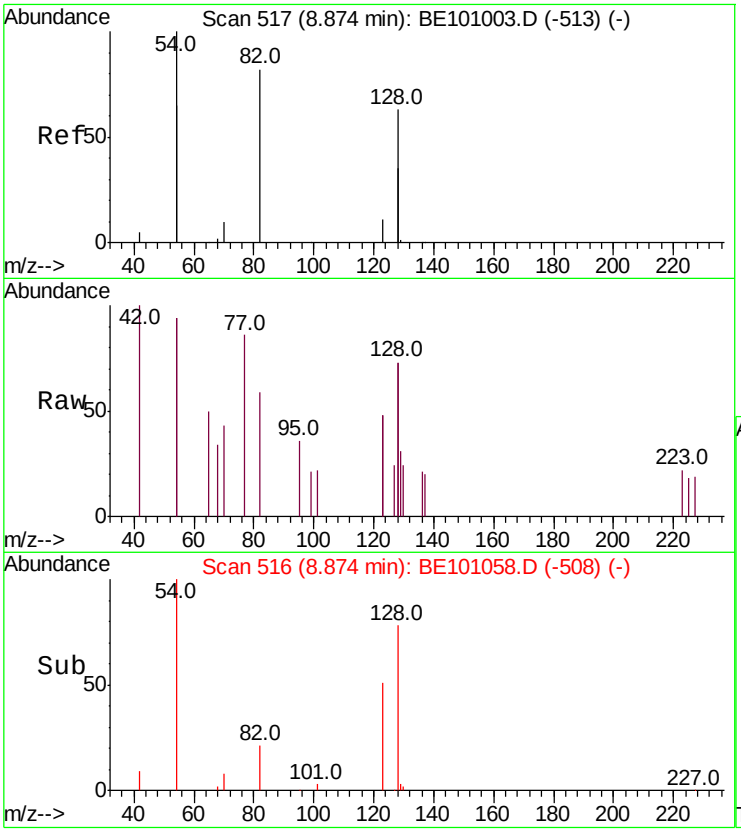


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:136 Resp: 20178

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	37.9	36.8	55.2
68	8.1	8.4	12.6#



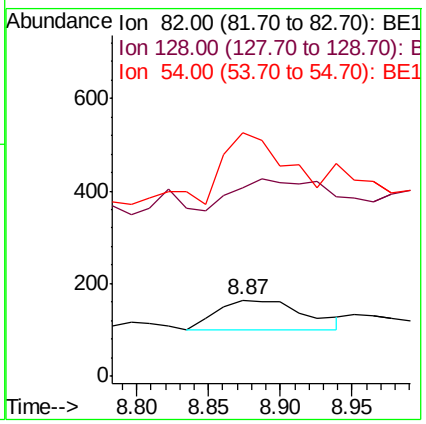


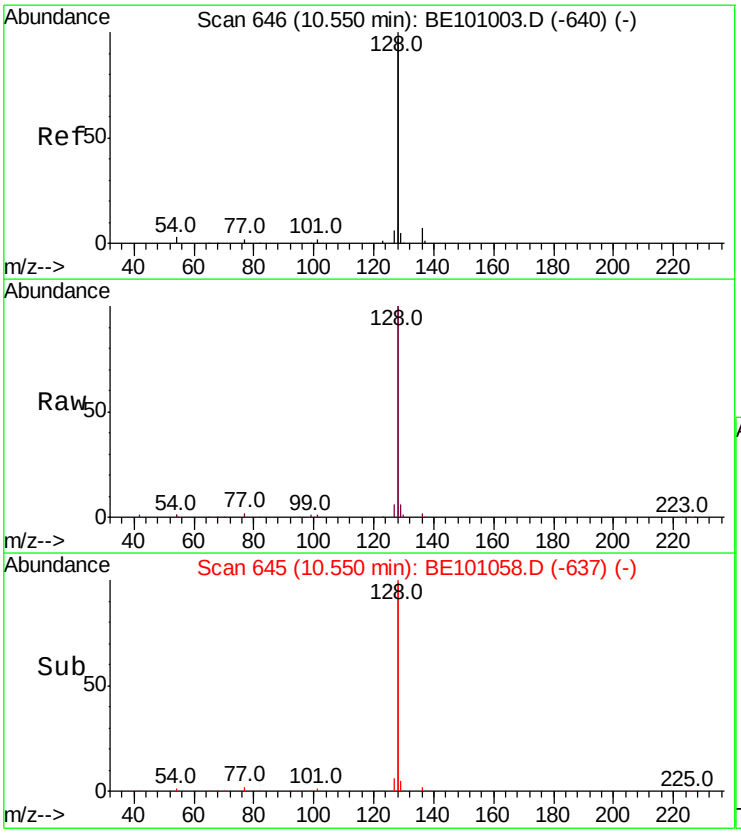
#8
Nitrobenzene-d5
Concen: 0.019 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 269

Ion	Ratio	Lower	Upper
82	100		
128	247.3	109.8	164.6#
54	318.8	174.5	261.7#

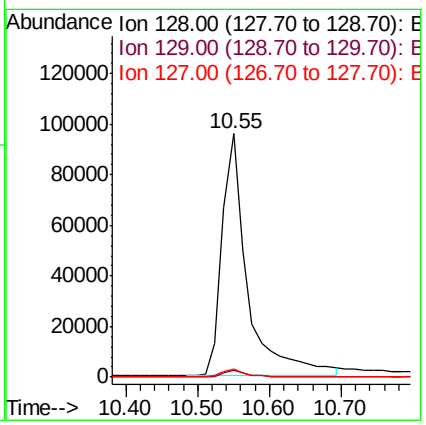


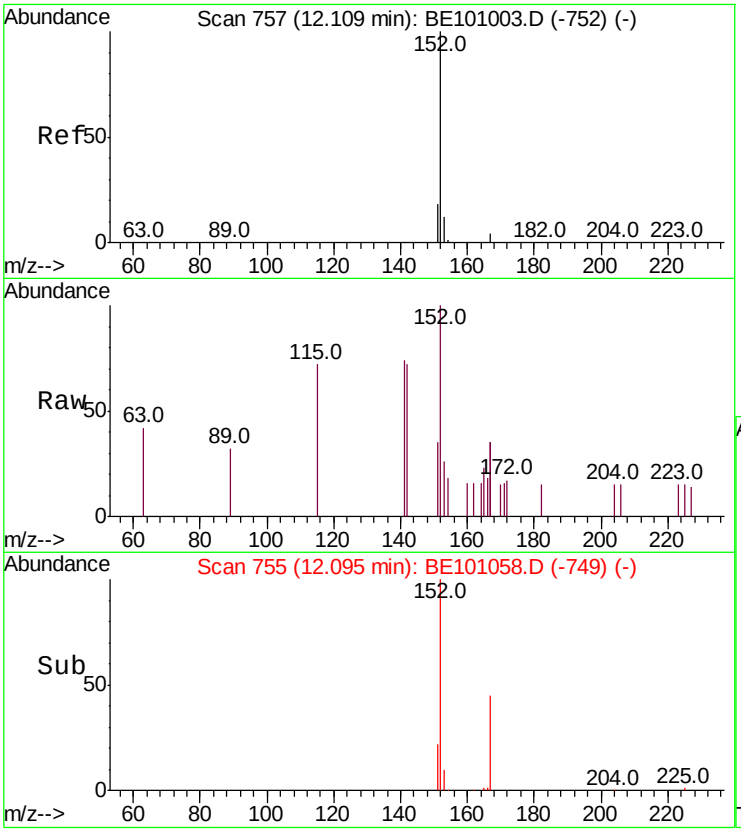


#9
Naphthalene
Concen: 1.059 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:128 Resp: 237203

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.2	2.7	4.1



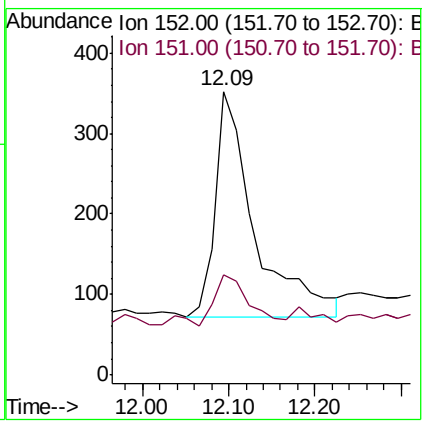


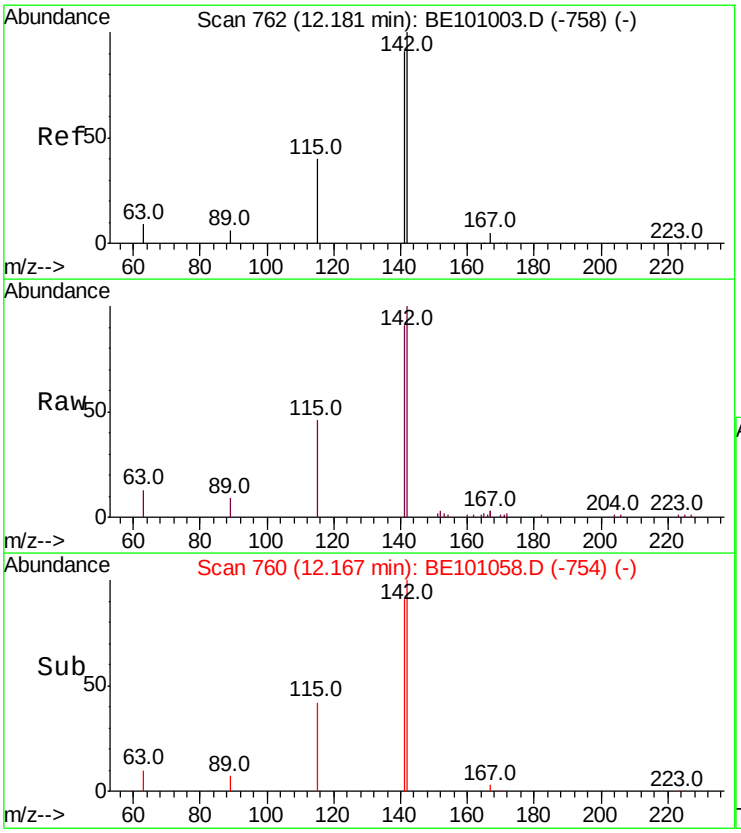
#11
2-Methylnaphthalene-d10
Concen: 0.023 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 888

Ion	Ratio	Lower	Upper
152	100		
151	13.6	15.0	22.6#

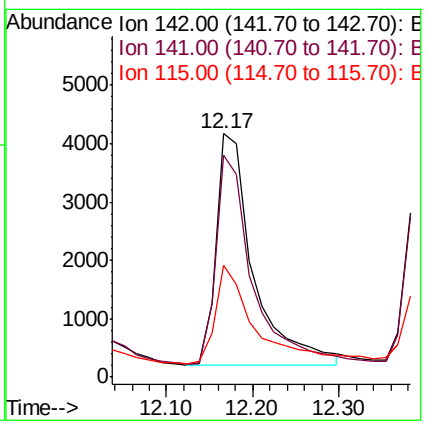


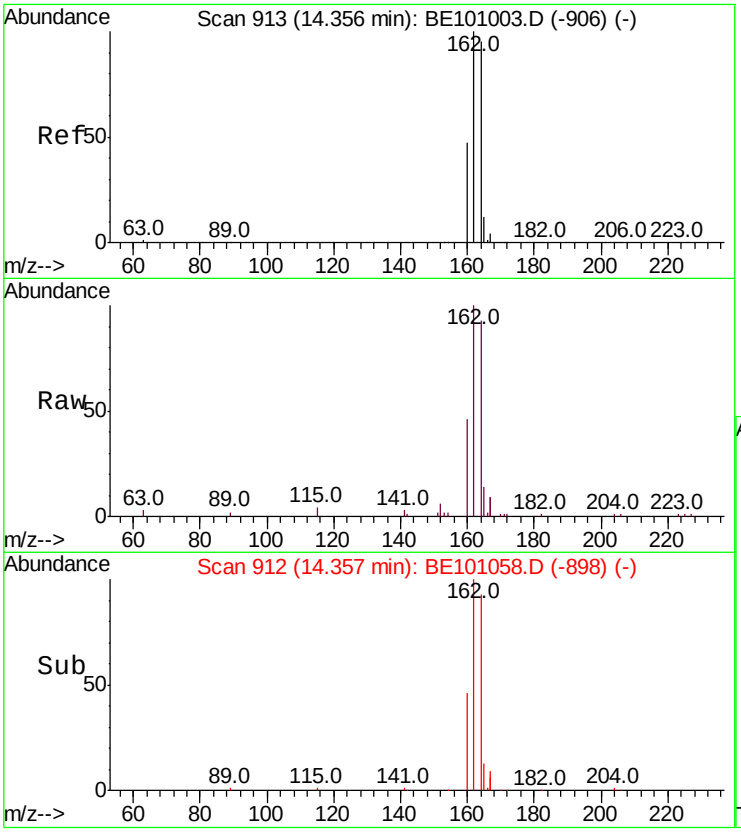


#12
2-Methylnaphthalene
Concen: 0.356 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:142 Resp: 12077

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.5	108.7
115	46.2	33.0	49.6



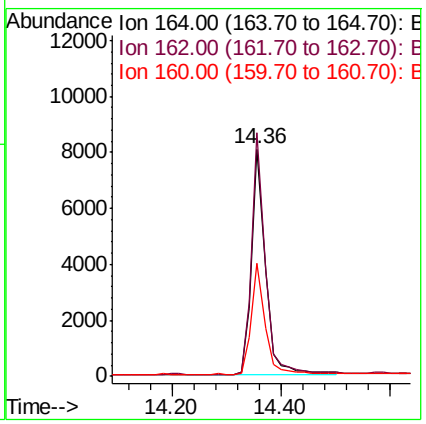


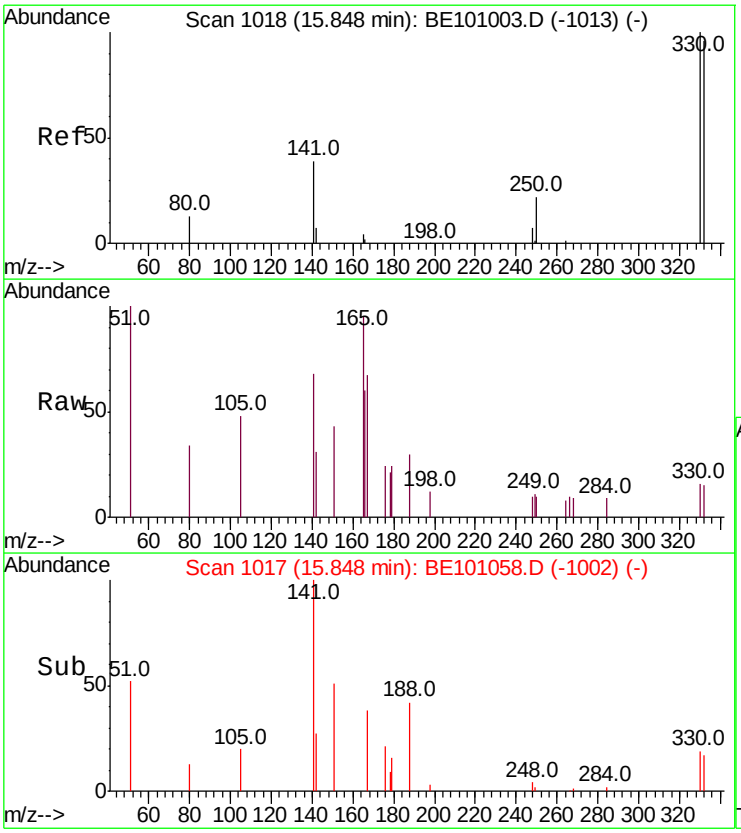
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13951

Ion	Ratio	Lower	Upper
164	100		
162	107.0	84.1	126.1
160	49.5	40.4	60.6

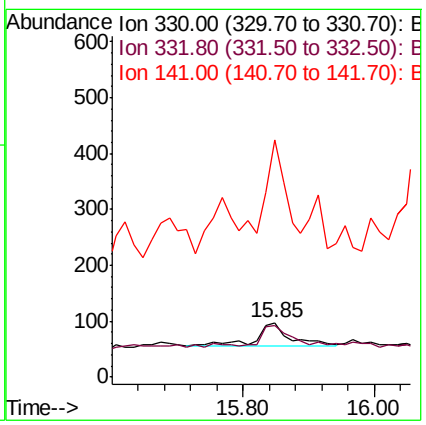


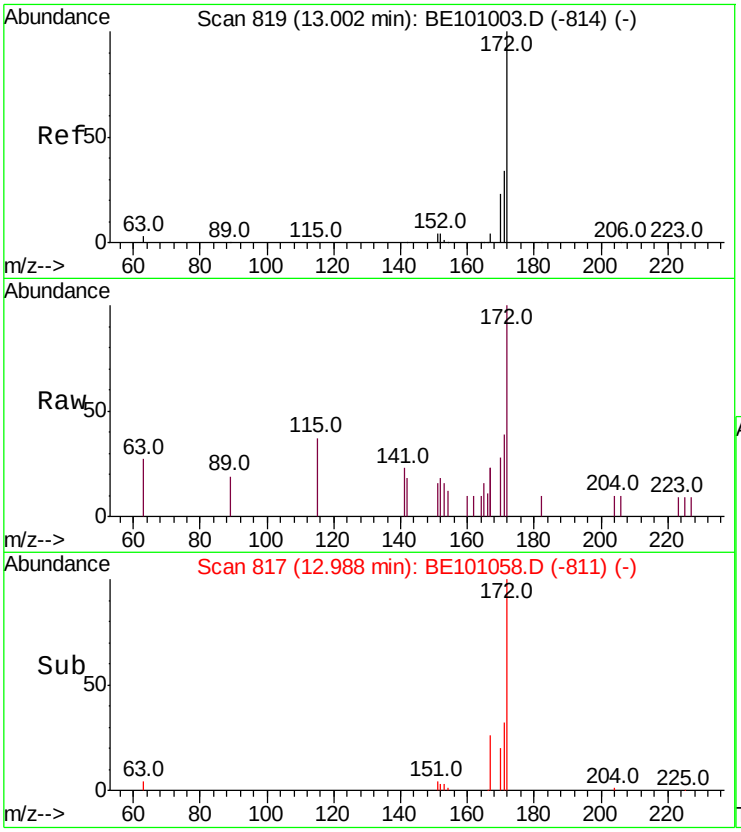


#14
2,4,6-Tribromophenol
Concen: 0.041 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:330 Resp: 161

Ion	Ratio	Lower	Upper
330	100		
332	68.9	78.4	117.6#
141	305.6	37.0	55.4#



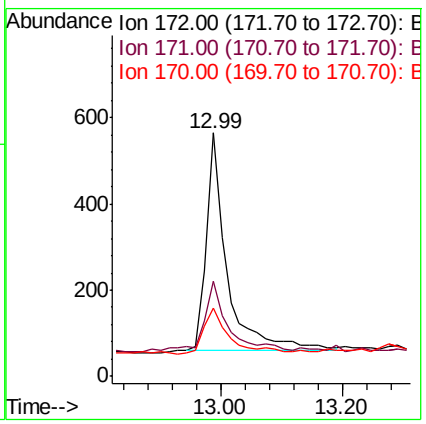


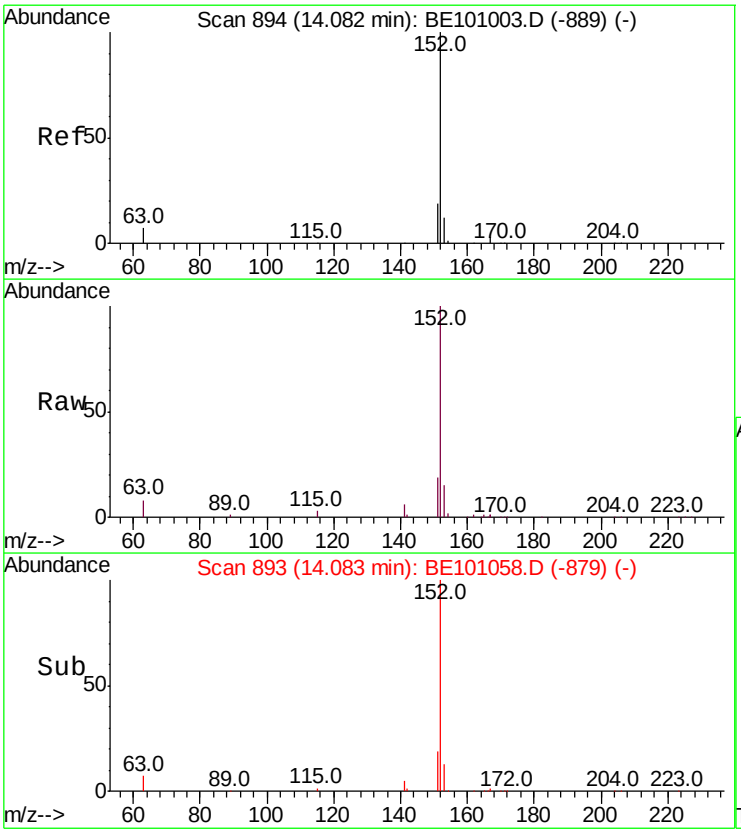
#15
2-Fluorobiphenyl
Concen: 0.023 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1196

Ion	Ratio	Lower	Upper
172	100		
171	38.9	28.2	42.2
170	28.0	18.9	28.3

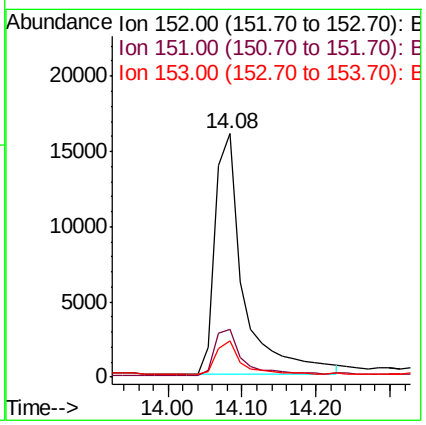


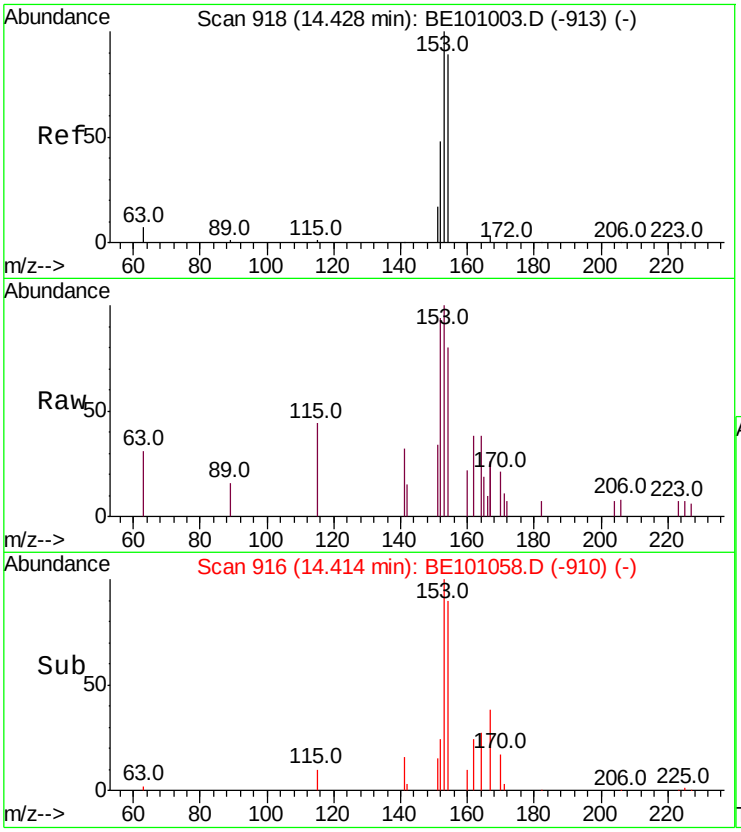


#16
Acenaphthylene
Concen: 0.756 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:152 Resp: 42947

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.4	15.6



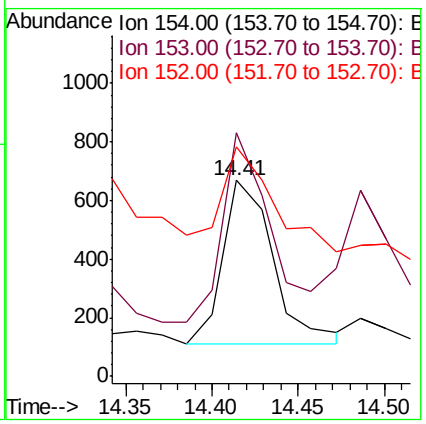


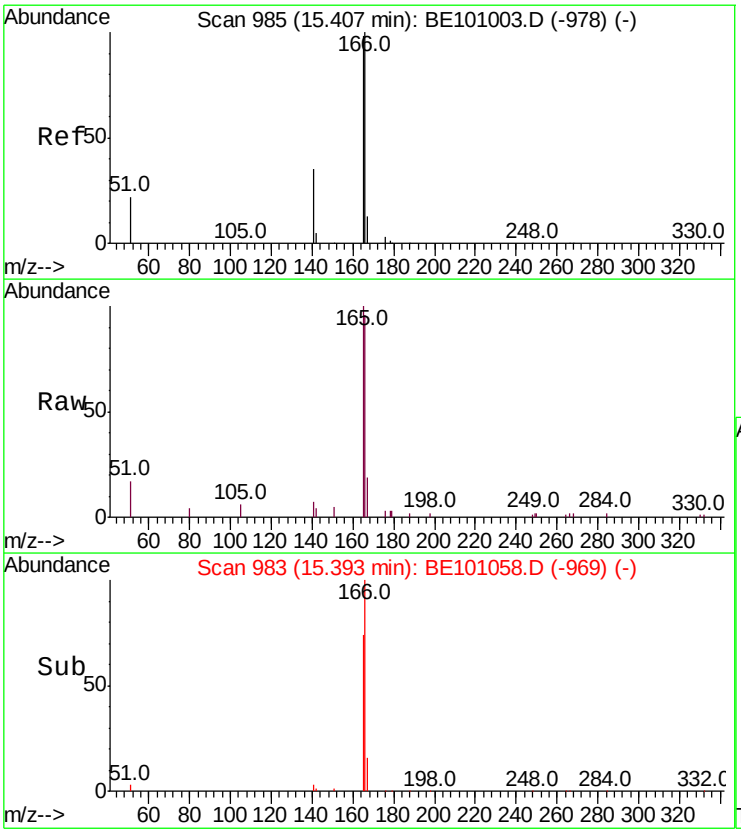
#17
Acenaphthene
Concen: 0.028 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1135

Ion	Ratio	Lower	Upper
154	100		
153	109.6	93.6	140.4
152	85.1	46.3	69.5#

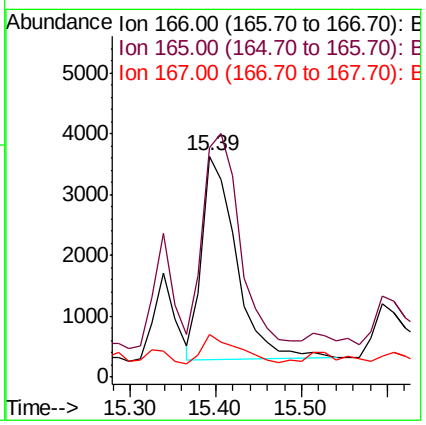


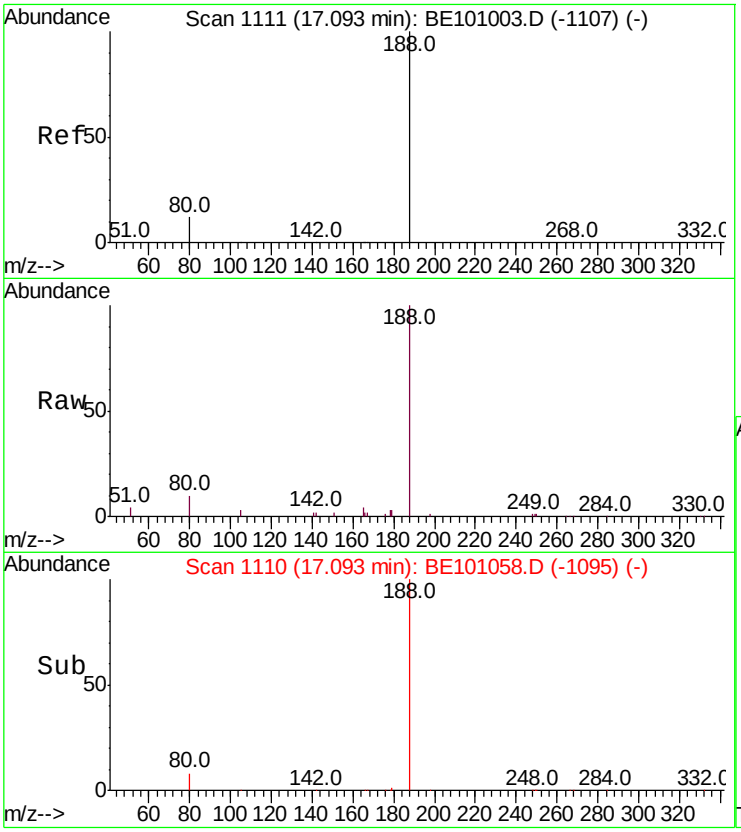


#18
Fluorene
Concen: 0.181 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:166 Resp: 9297

Ion	Ratio	Lower	Upper
166	100		
165	109.4	79.8	119.8
167	15.0	11.0	16.6



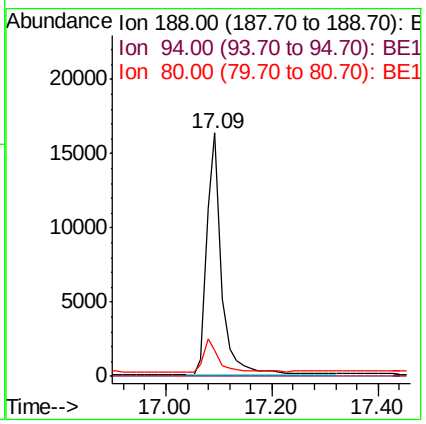


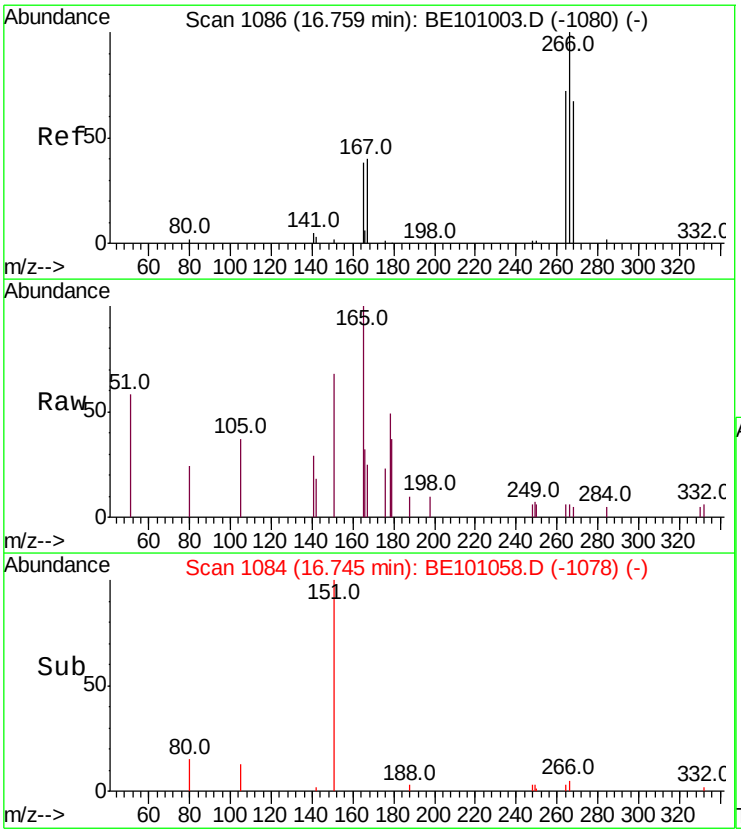
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 31576

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	10.8	16.2#

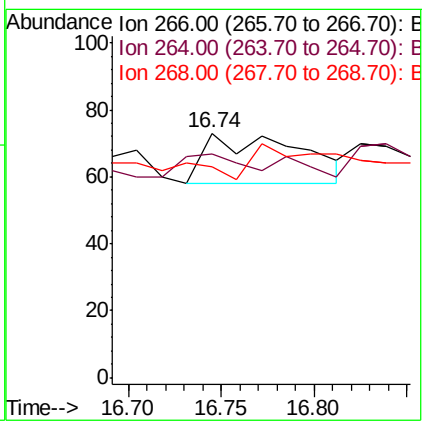


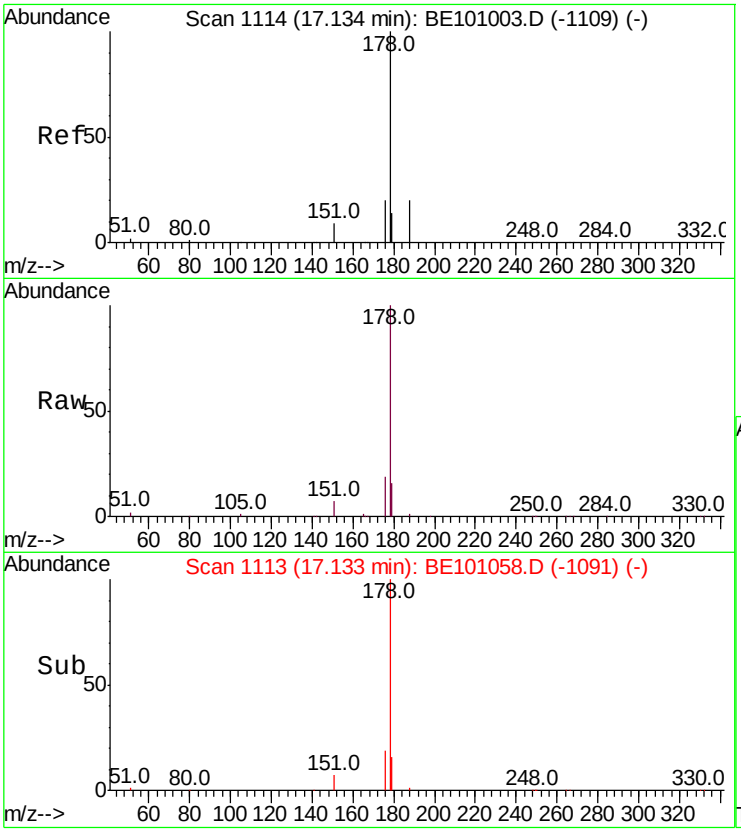


#22
Pentachlorophenol
Concen: 0.259 ng
RT: 16.74 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
264	91.8	61.0	91.4#
268	86.3	58.5	87.7



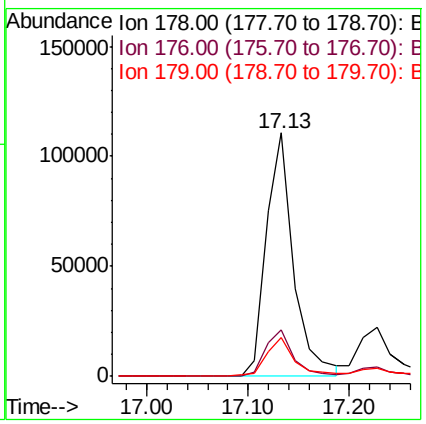


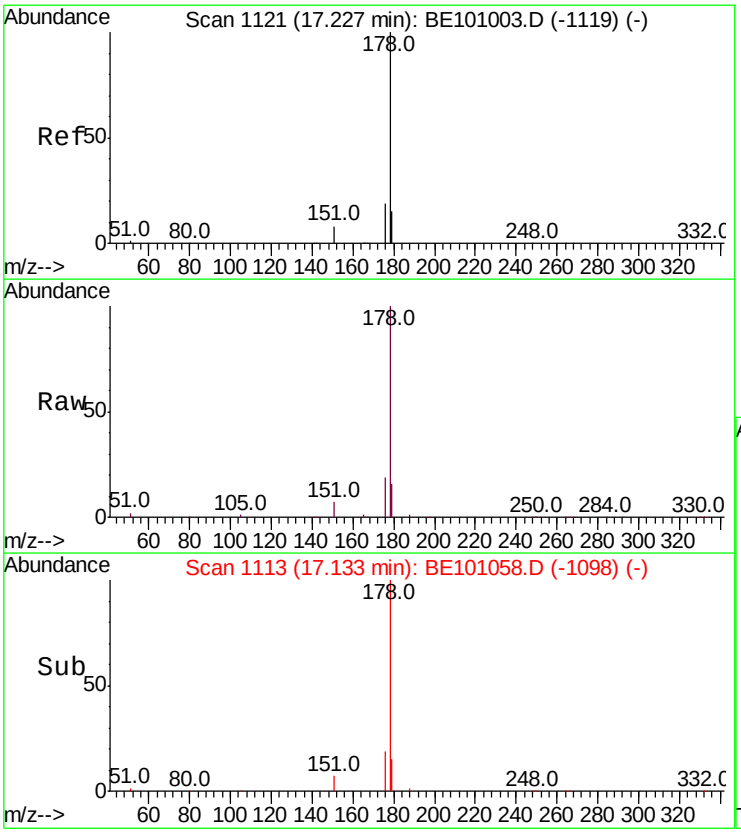
#23
Phenanthrene
Concen: 2.375 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 204790

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	16.0	12.0	18.0

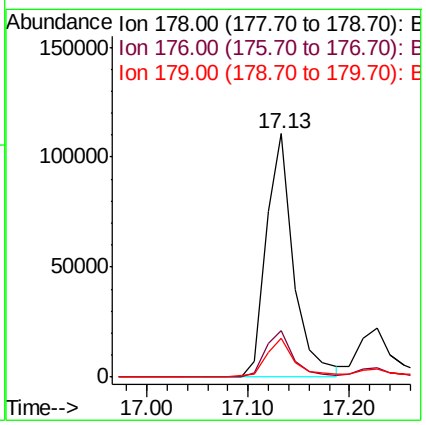


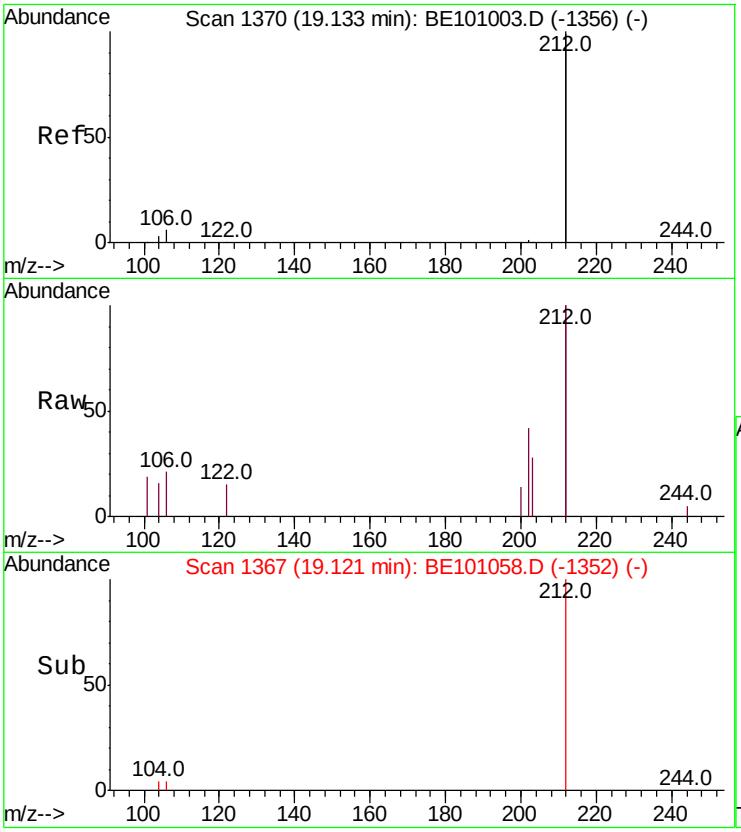


#24
Anthracene
Concen: 2.517 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.09 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:178 Resp: 204790

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.8	22.2
179	16.0	12.4	18.6



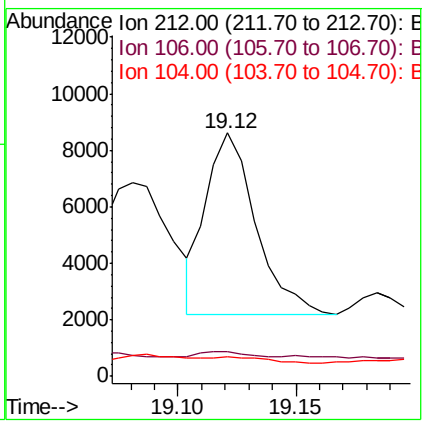


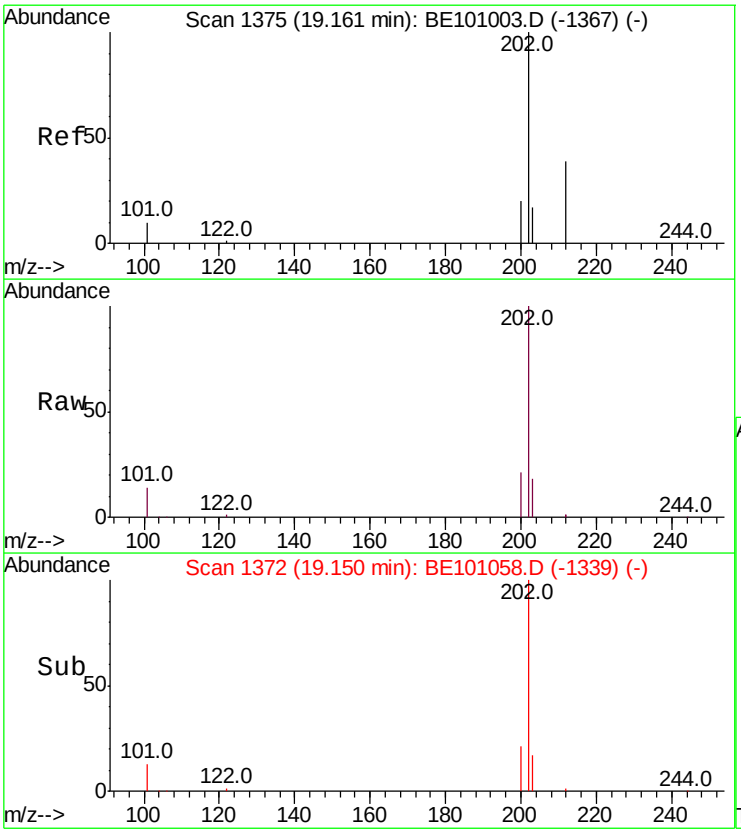
#25
Fluoranthene-d10
Concen: 0.021 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 9409

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	0.0	1.4	2.0#

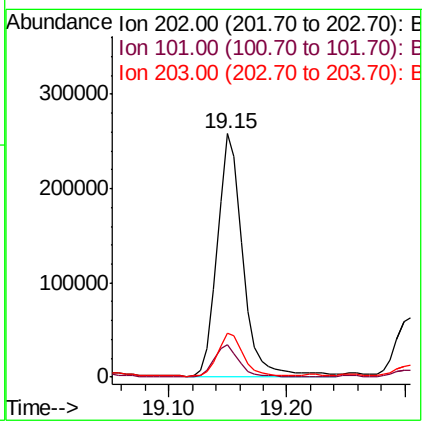


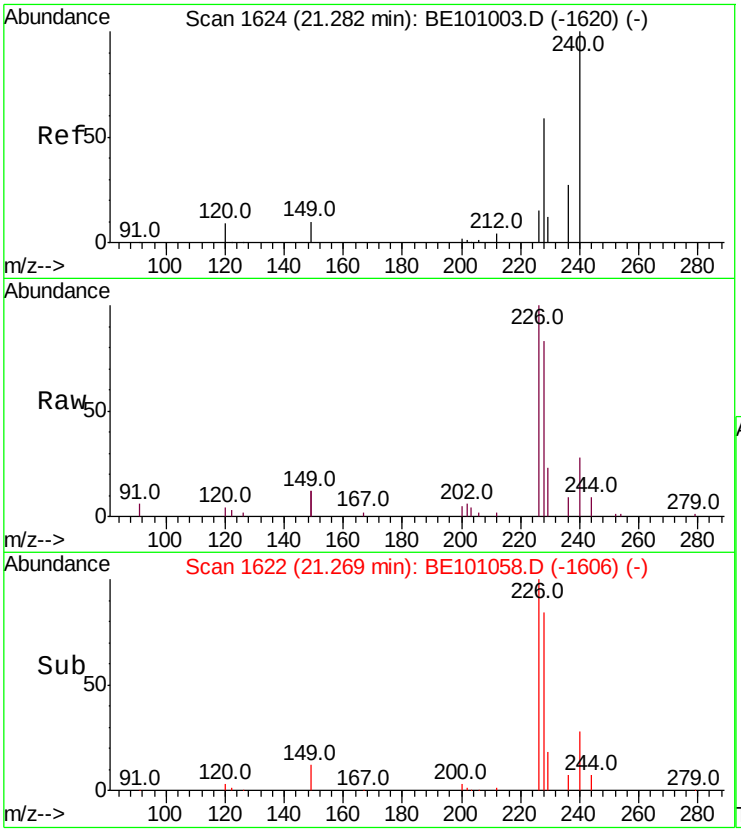


#26
Fluoranthene
Concen: 3.549 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:202 Resp: 383210

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.6	14.4
203	17.5	13.8	20.6



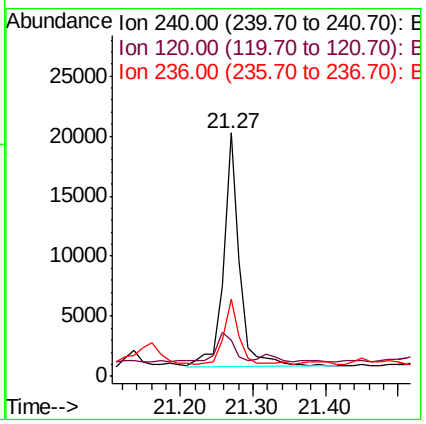


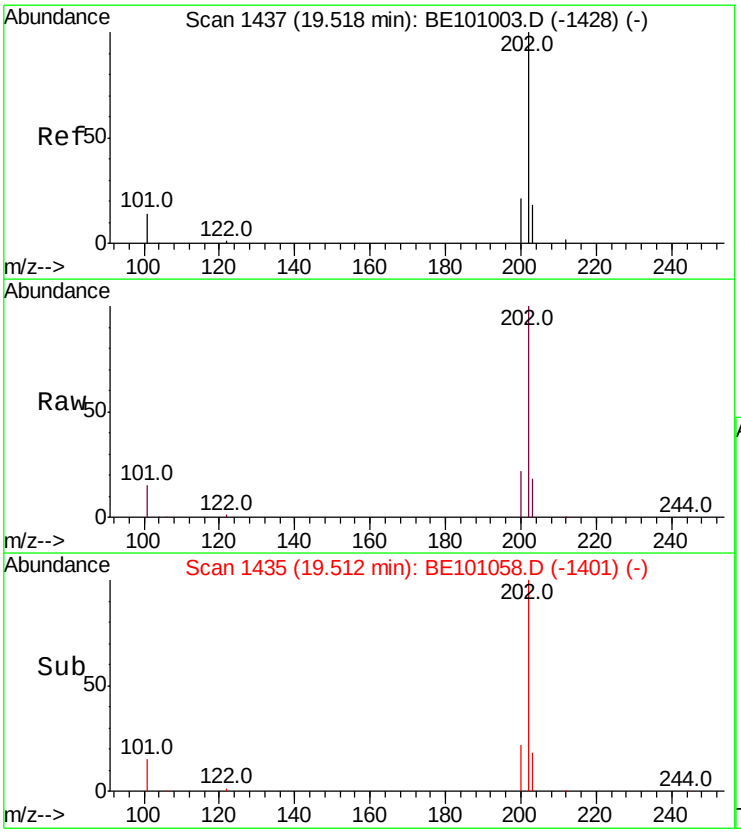
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 30525

Ion	Ratio	Lower	Upper
240	100		
120	15.1	8.6	13.0#
236	31.8	22.2	33.4

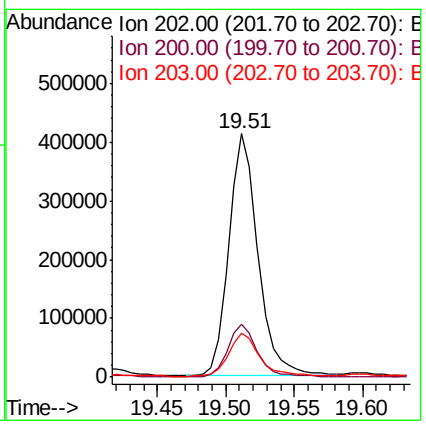


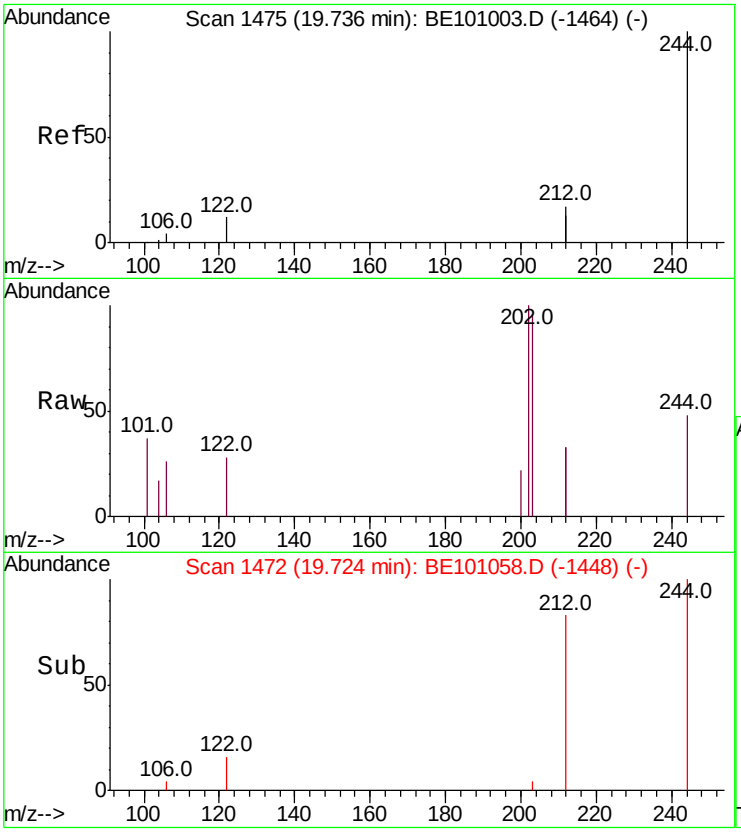


#28
Pyrene
Concen: 5.424 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:202 Resp: 616281

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.8	13.8	20.6



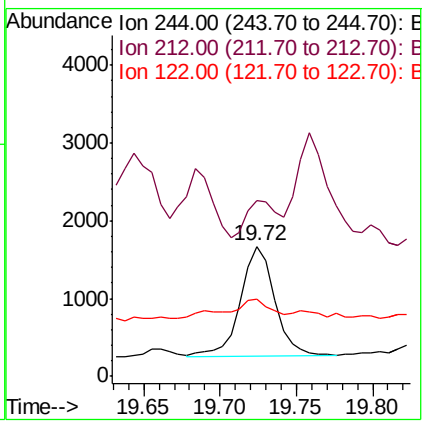


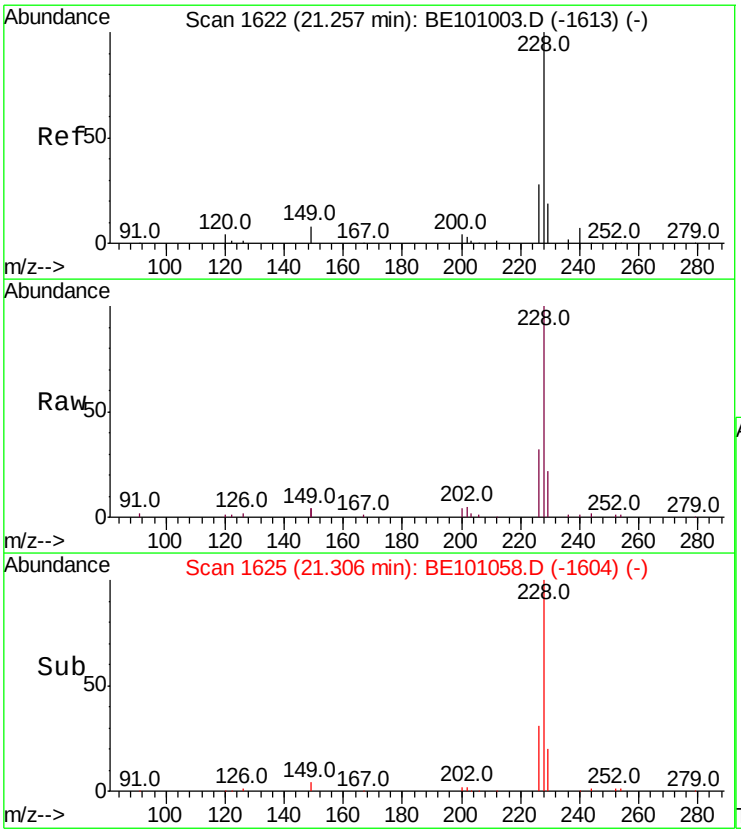
#29
Terphenyl-d14
Concen: 0.029 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2187

Ion	Ratio	Lower	Upper
244	100		
212	134.8	27.2	40.8#
122	58.8	9.8	14.8#

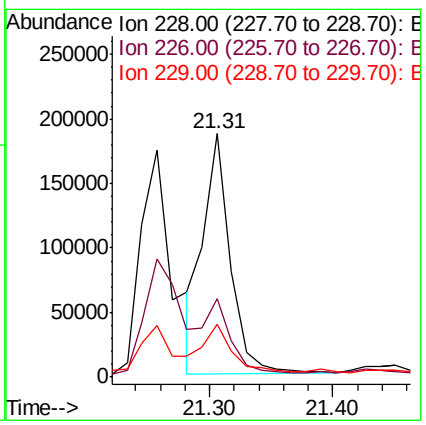


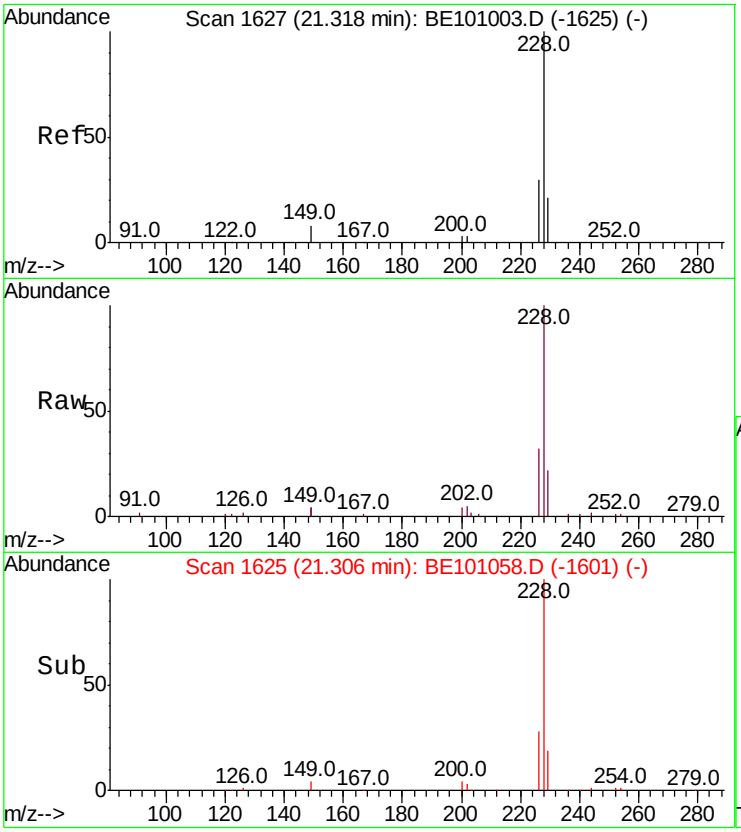


#30
Benzo(a)anthracene
Concen: 3.263 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.05 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:228 Resp: 284189

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.7	34.1
229	21.8	15.5	23.3



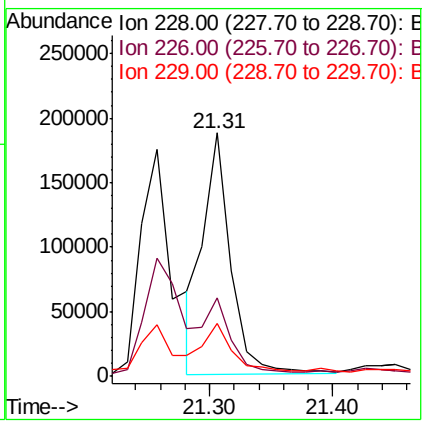


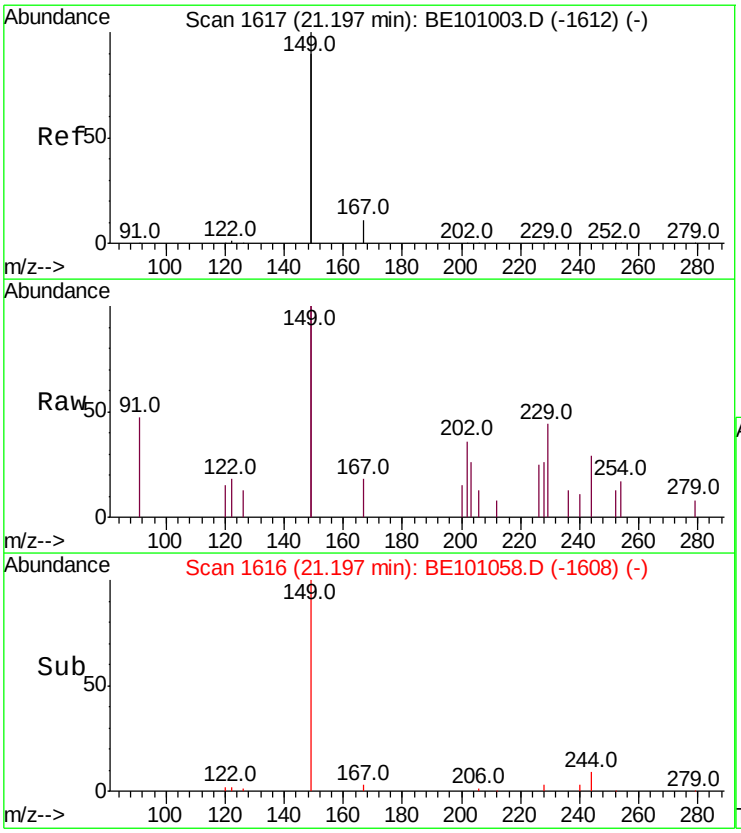
#31
Chrysene
Concen: 2.273 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 294198

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.5	35.3
229	21.8	16.7	25.1

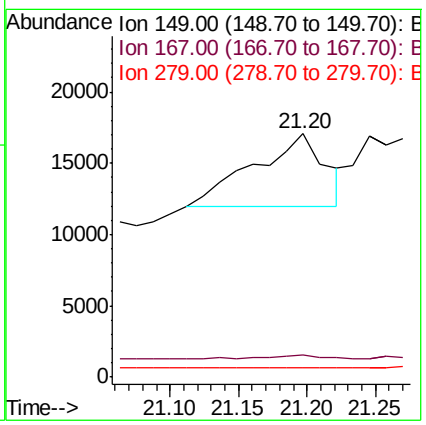


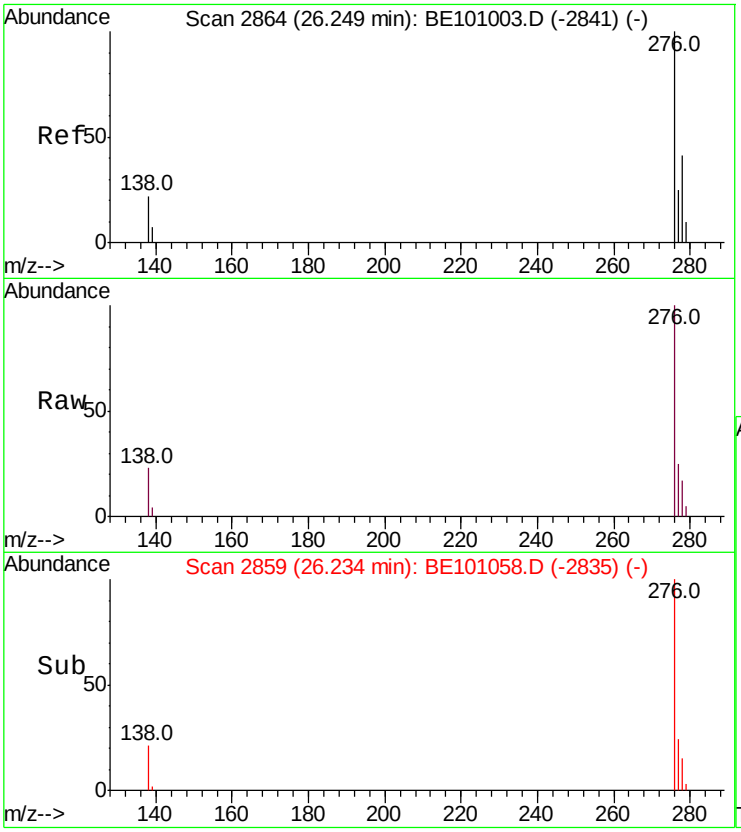


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.127 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:149 Resp: 18500

Ion	Ratio	Lower	Upper
149	100		
167	3.7	5.2	7.8#
279	0.6	0.8	1.2#



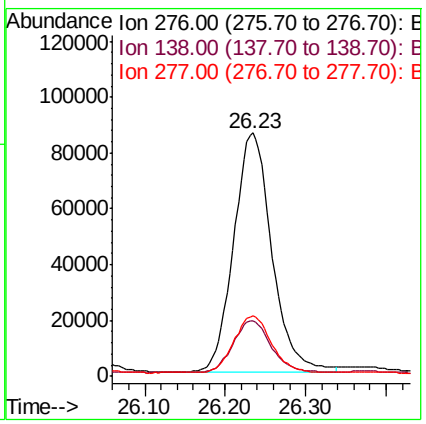


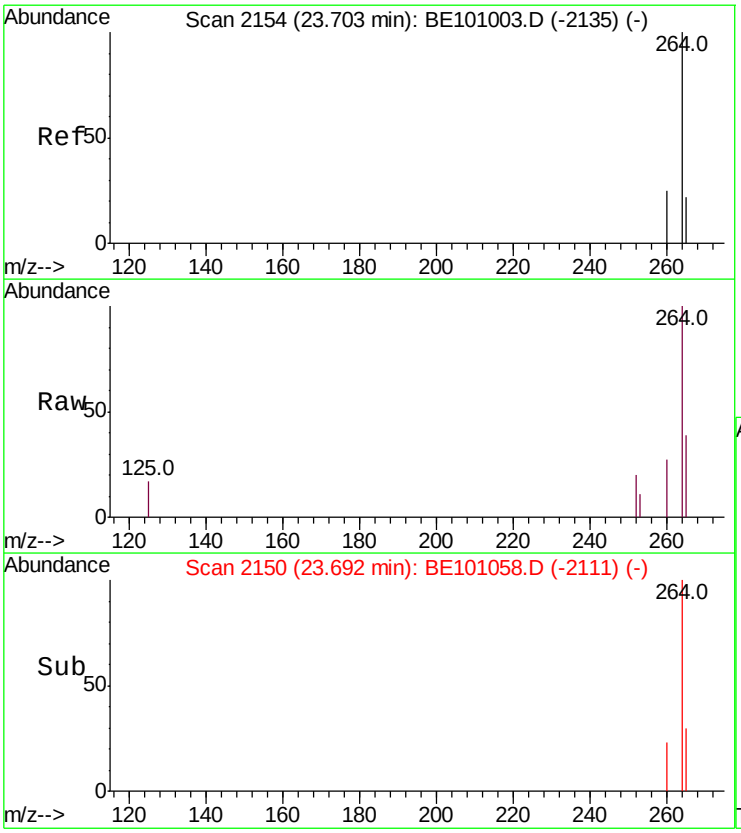
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.753 ng
RT: 26.23 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 281574

Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.1	24.1
277	23.3	18.1	27.1

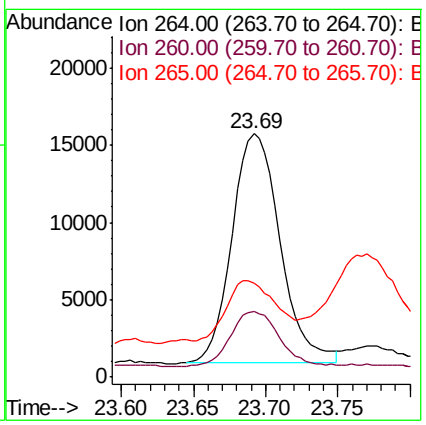


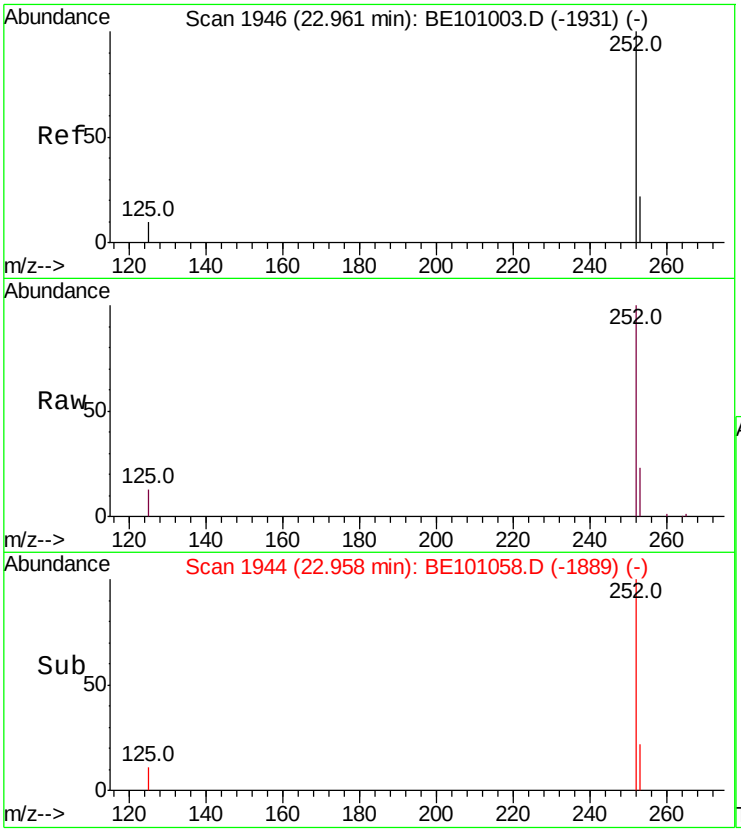


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:264 Resp: 33978

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.3	30.5
265	38.6	27.0	40.4



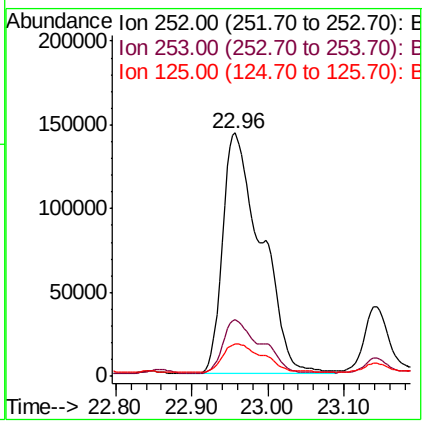


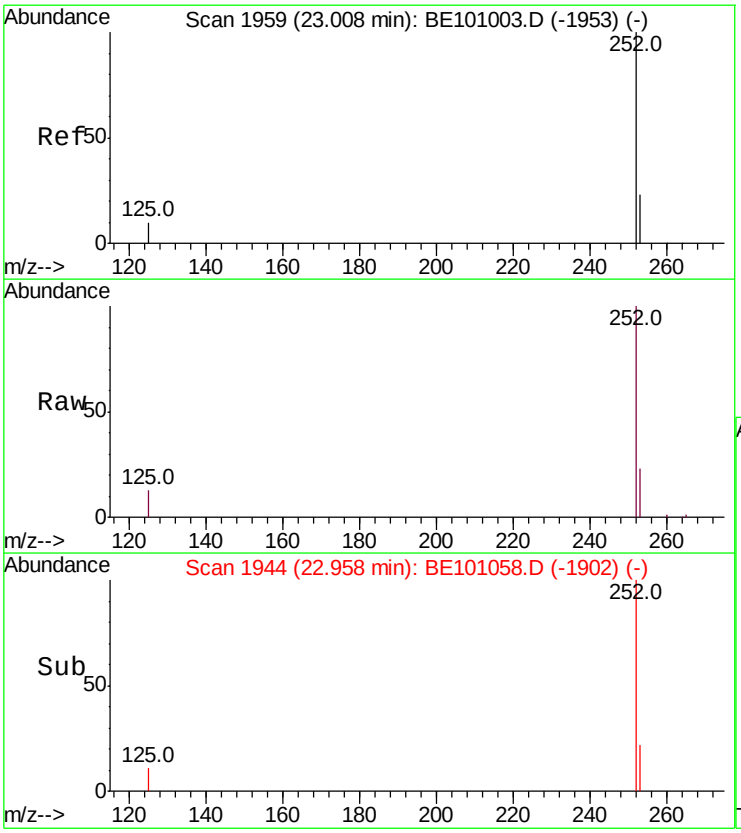
#35
Benzo(b)fluoranthene
Concen: 5.343 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 509171

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	13.1	9.5	14.3

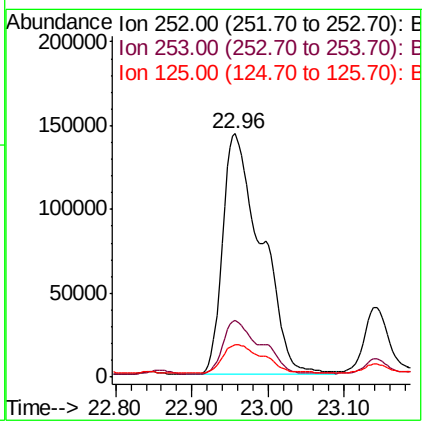


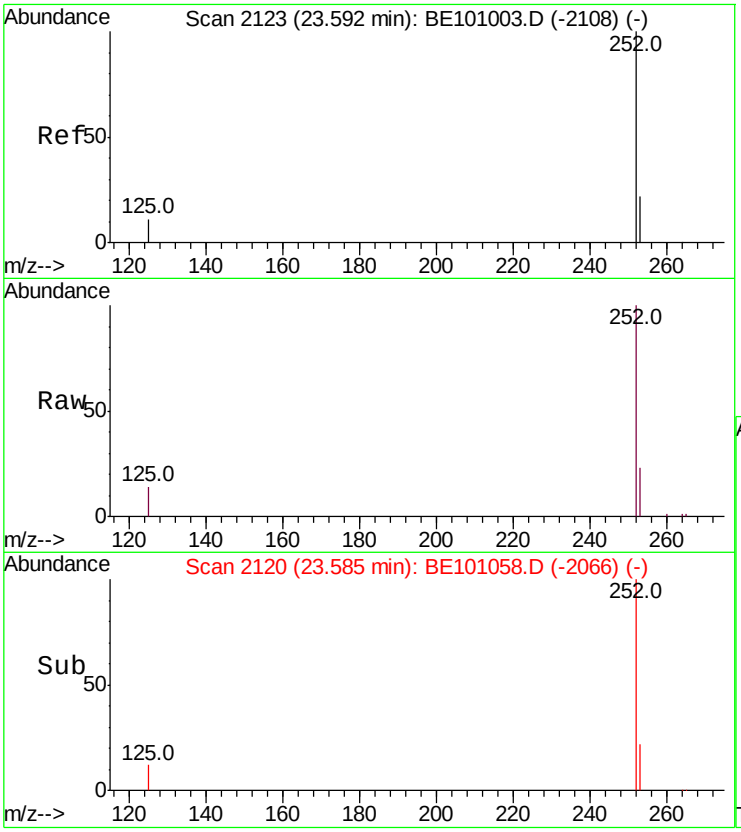


#36
Benzo(k)fluoranthene
Concen: 3.687 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.05 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:252 Resp: 509171

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	13.1	10.1	15.1



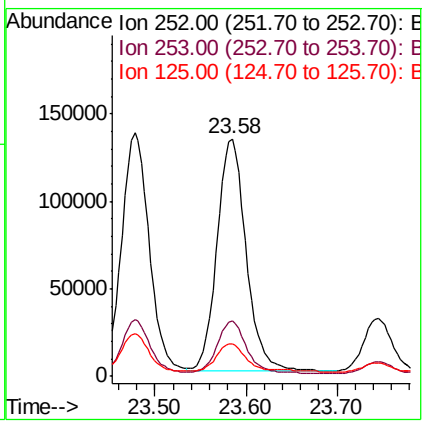


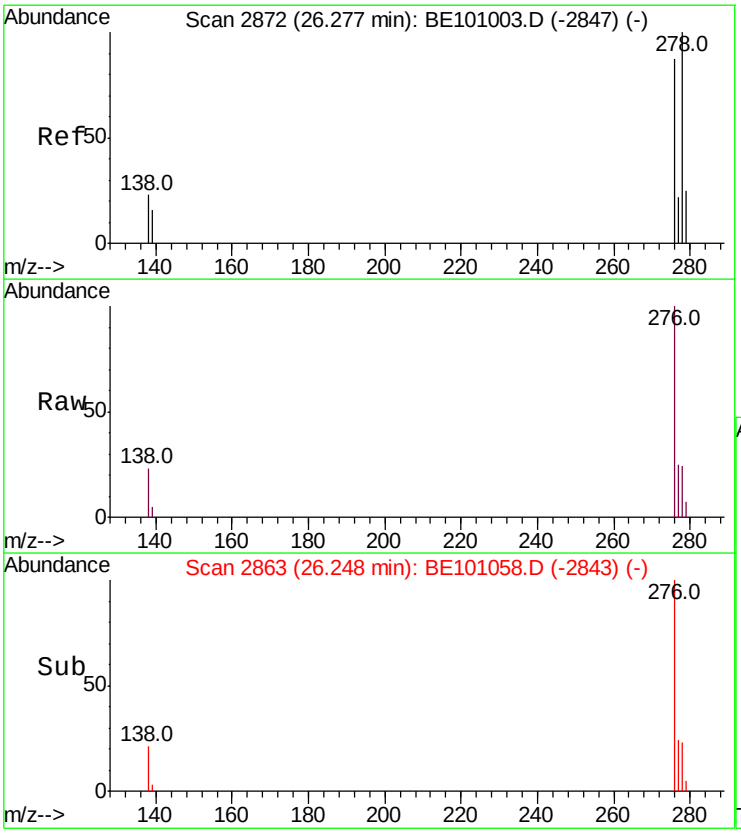
#37
Benzo(a)pyrene
Concen: 3.216 ng
RT: 23.58 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 296472

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	13.8	11.8	17.6

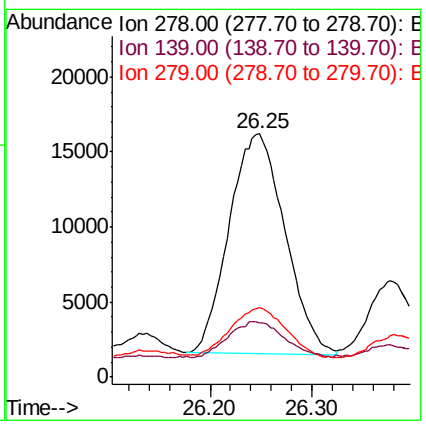


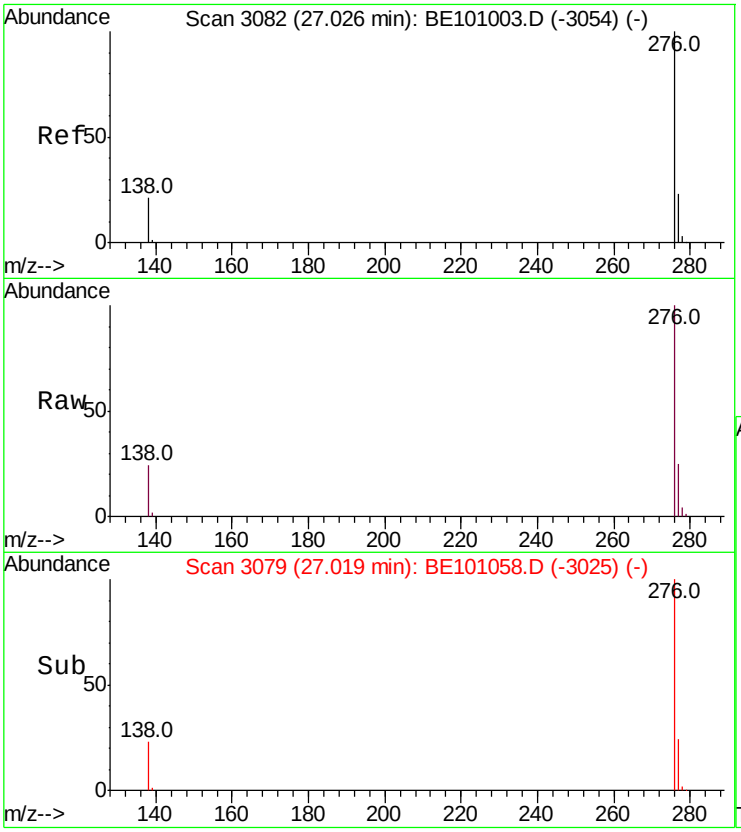


#38
Dibenzo(a,h)anthracene
Concen: 0.657 ng
RT: 26.25 min Scan# 2863
Delta R.T. -0.03 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Tgt Ion:278 Resp: 55724

Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.0	22.4
279	28.5	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 3.345 ng
RT: 27.02 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BE101058.D
Acq: 14 Jan 2020 19:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 348715

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	23.7	17.9	26.9