Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101056.D
Acq On : 14 Jan 2020 17:48
Operator : JU
Sample : L1103-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 14 20:42:53 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	4225	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	22702	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	15493	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	33368	0.40	ng		0.00
27) Chrysene-d12	21.27	240	34084	0.40	ng		-0.01
34) Perylene-d12	23.69	264	36645	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	656	0.07	ng		-0.01
5) Phenol-d6	6.91	99	388	0.03	ng		-0.01
8) Nitrobenzene-d5	8.87	82	302	0.02	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	953	0.02	ng		-0.02
14) 2,4,6-Tribromophenol	15.84	330	202	0.05	ng		-0.01
15) 2-Fluorobiphenyl	12.99	172	1184	0.02	ng		-0.02
25) Fluoranthene-d10	19.13	212	7311	0.02	ng		0.00
29) Terphenyl-d14	19.72	244	3548	0.04	ng		-0.02
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.17	93	557	0.039	ng	#	29
9) Naphthalene	10.55	128	1546250	6.134	ng		100
12) 2-Methylnaphthalene	12.17	142	62597	1.642	ng	#	84
16) Acenaphthylene	14.08	152	245677	3.893	ng		99
17) Acenaphthene	14.41	154	17574	0.389	ng		92
18) Fluorene	15.39	166	77857	1.364	ng		96
22) Pentachlorophenol	16.75	266	422	0.317	ng	#	89
23) Phenanthrene	17.13	178	628948	6.903	ng		99
24) Anthracene	17.21	178	180236	2.096	ng		97
26) Fluoranthene	19.16	202	1411568	12.370	ng		98
28) Pyrene	19.52	202	1454009	11.460	ng		96
30) Benzo(a)anthracene	21.26	228	1079368	11.098	ng		92
31) Chrysene	21.31	228	941482	6.513	ng		95
32) Bis(2-ethylhexyl)phthalate	21.20	149	26249	0.162	ng	#	93
33) Indeno(1,2,3-cd)pyrene	26.24	276	663172	5.807	ng		96
35) Benzo(b)fluoranthene	22.96	252	1316106	12.806	ng		99
36) Benzo(k)fluoranthene	22.96	252	1316106	8.837	ng		100
37) Benzo(a)pyrene	23.58	252	926001	9.314	ng		97
38) Dibenzo(a,h)anthracene	26.25	278	177758	1.944	ng		99
39) Benzo(g,h,i)perylene	27.02	276	678810	6.037	ng		99

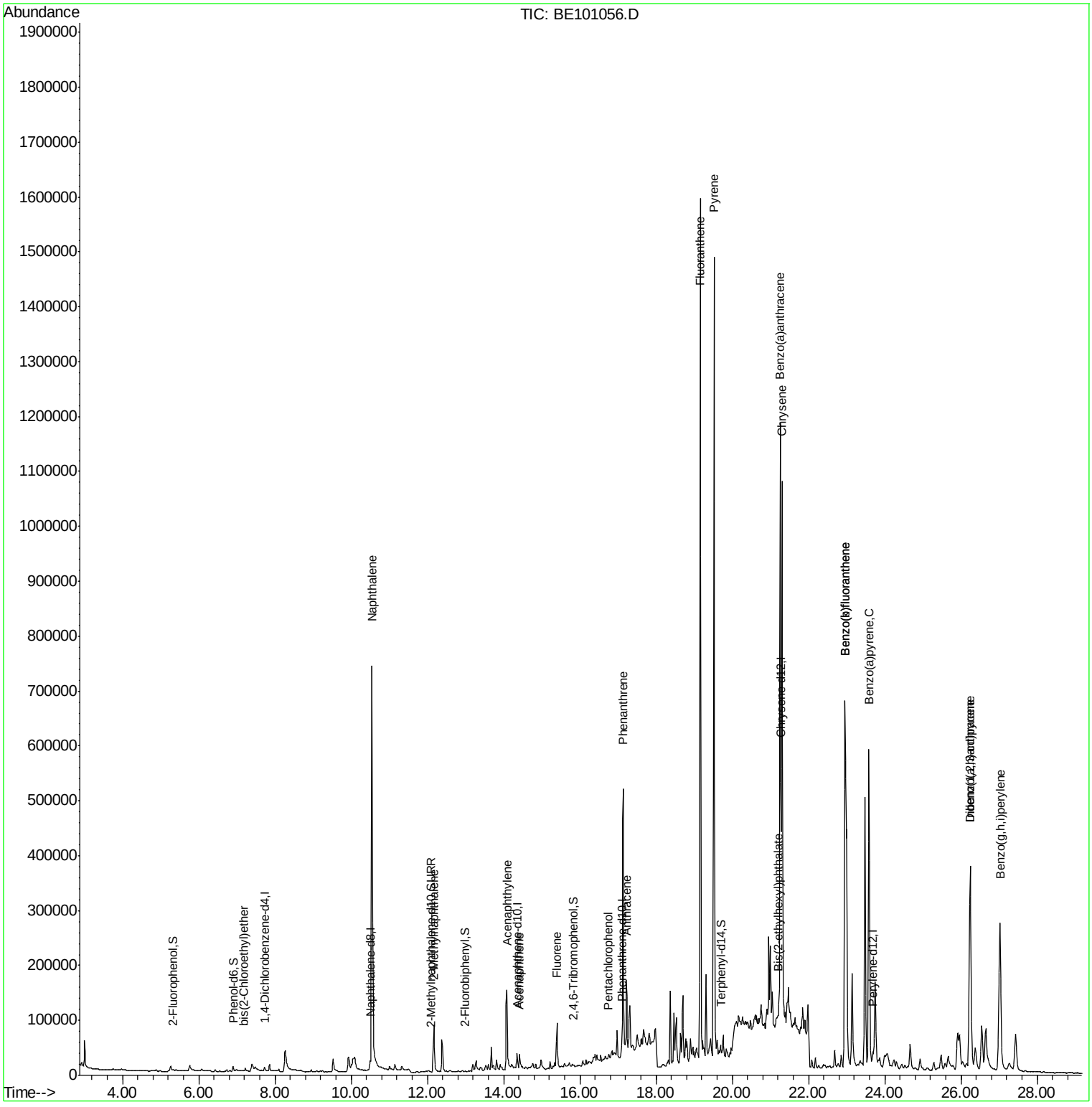
(#) = qualifier out of range (m) = manual integration (+) = signals summed

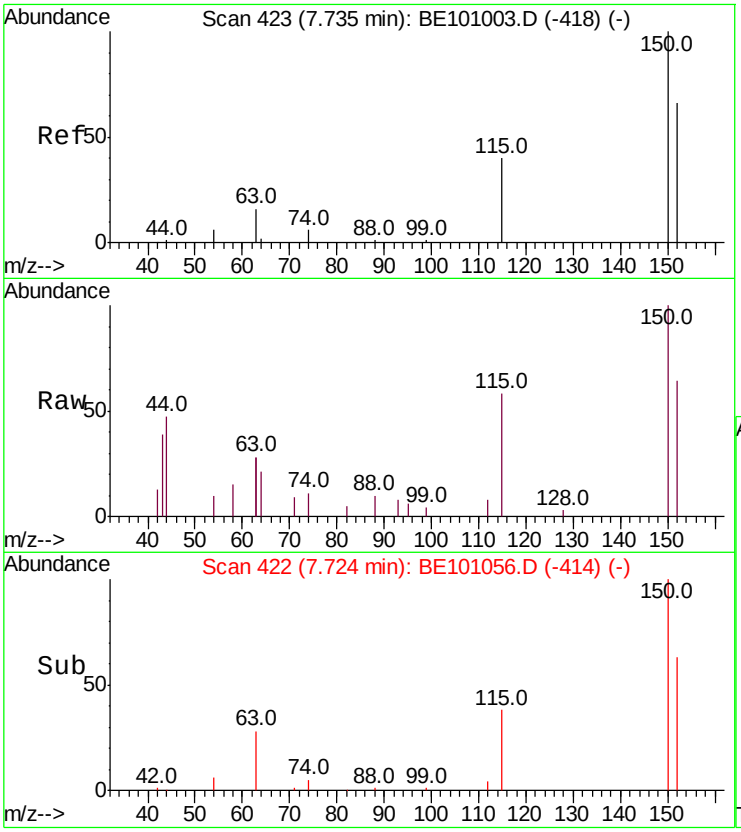
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101056.D
Acq On : 14 Jan 2020 17:48
Operator : JU
Sample : L1103-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 14 20:42:53 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



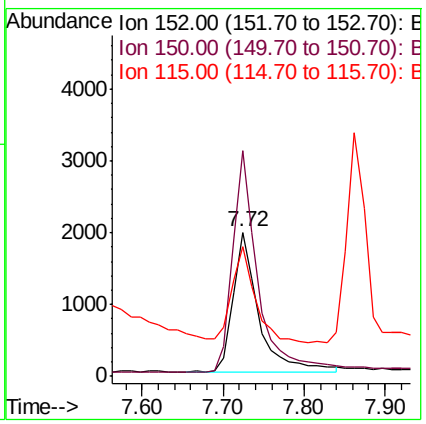


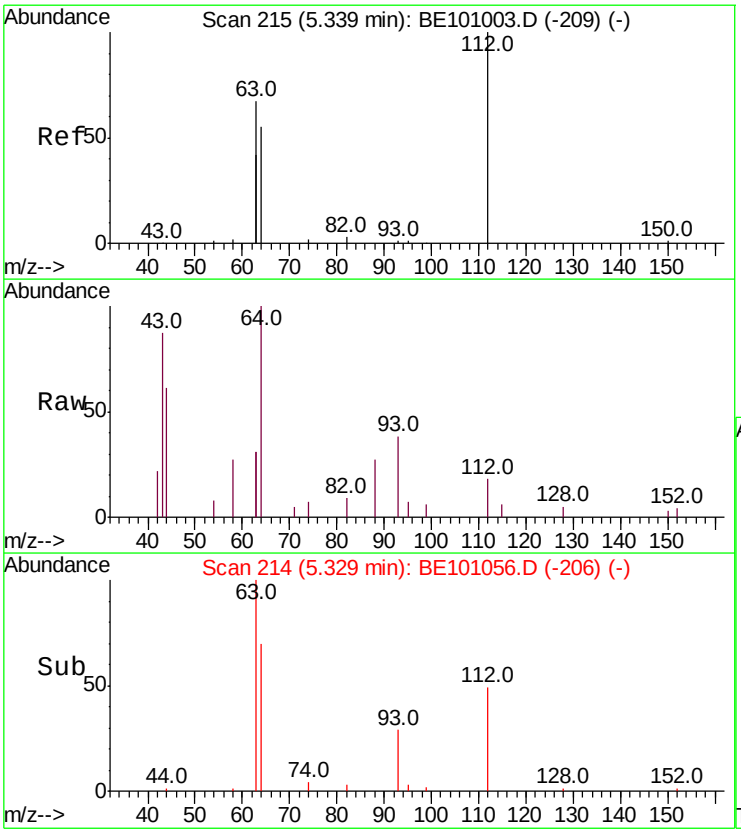
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4225

Ion	Ratio	Lower	Upper
152	100		
150	156.3	120.3	180.5
115	89.9	51.7	77.5#

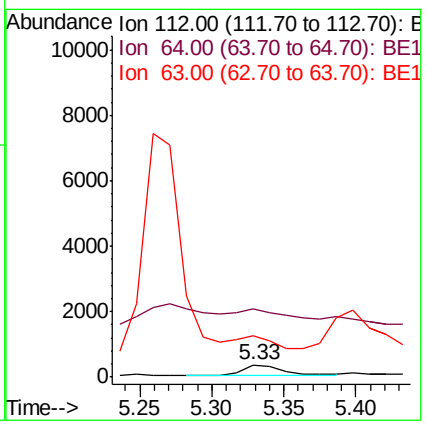


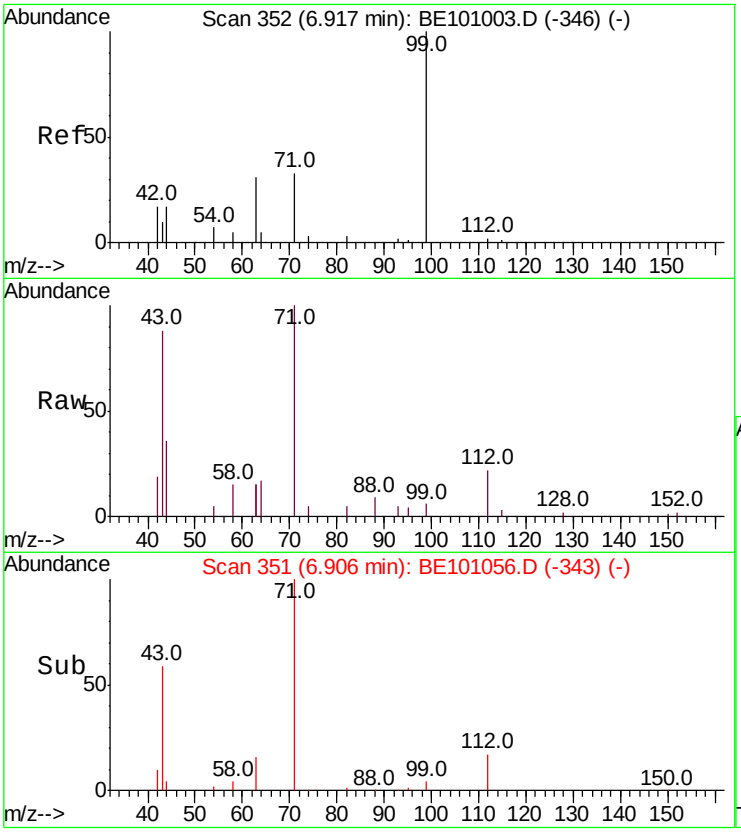


#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:112 Resp: 656

Ion	Ratio	Lower	Upper
112	100		
64	0.0	53.6	80.4#
63	0.0	114.6	172.0#



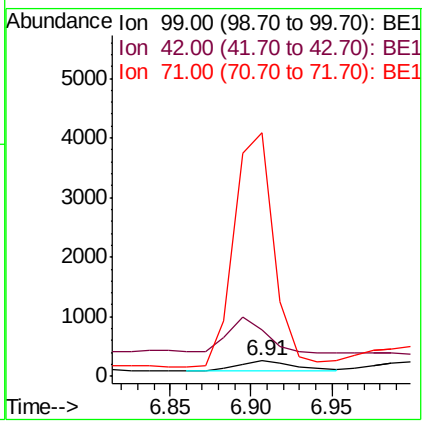


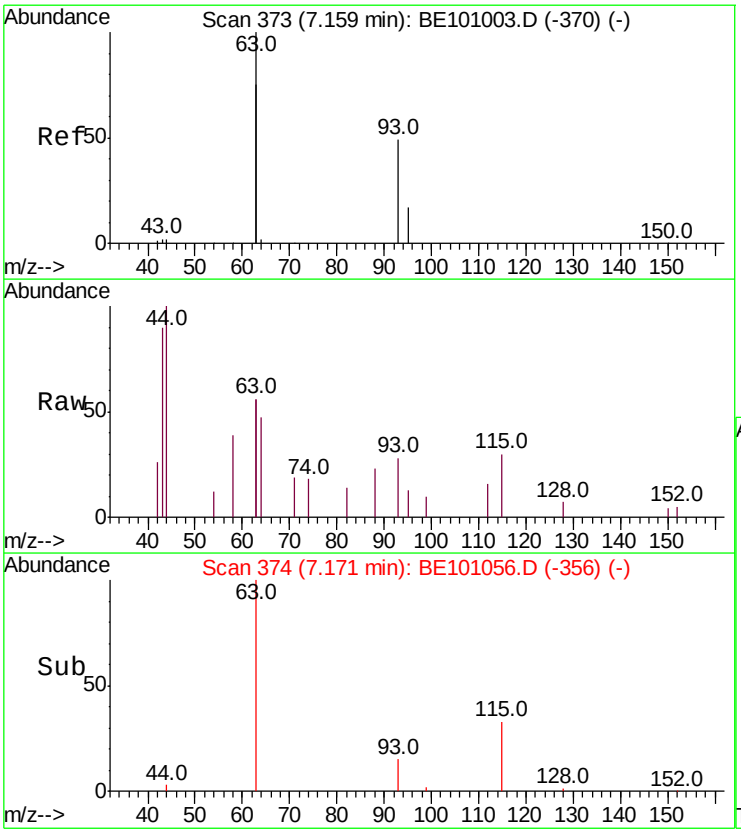
#5
Phenol-d6
Concen: 0.032 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 388

Ion	Ratio	Lower	Upper
99	100		
42	330.7	18.3	27.5#
71	1718.0	28.0	42.0#

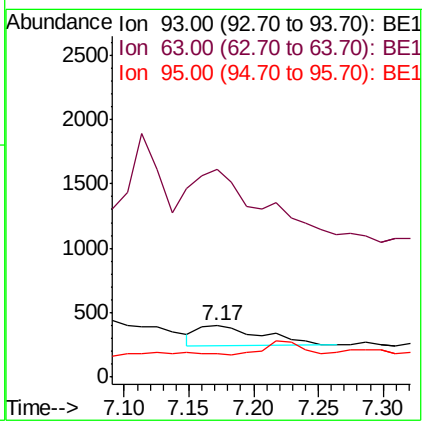


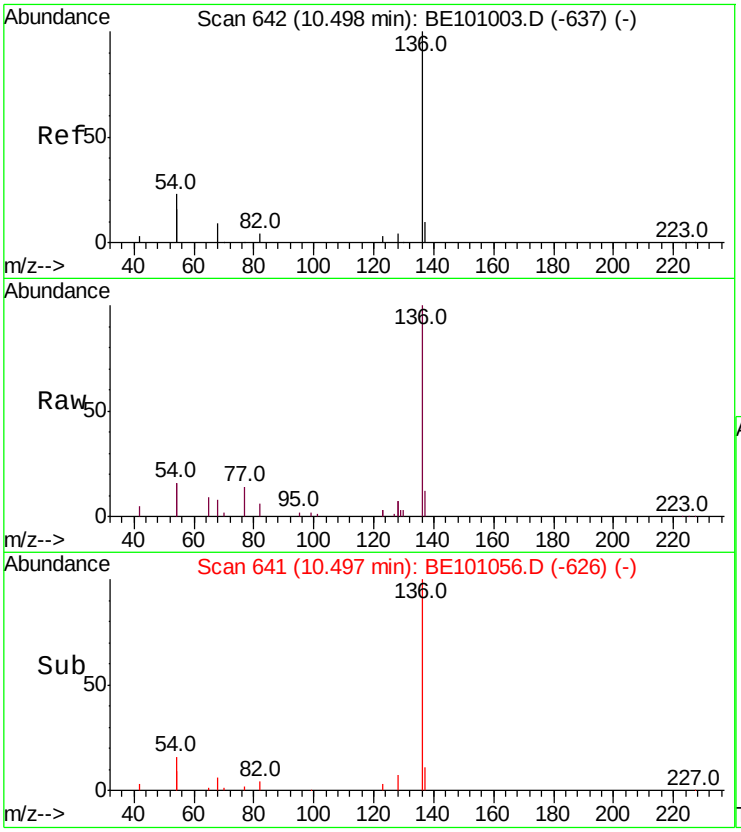


#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion: 93 Resp: 557

Ion	Ratio	Lower	Upper
93	100		
63	433.2	233.9	350.9#
95	0.0	23.5	35.3#



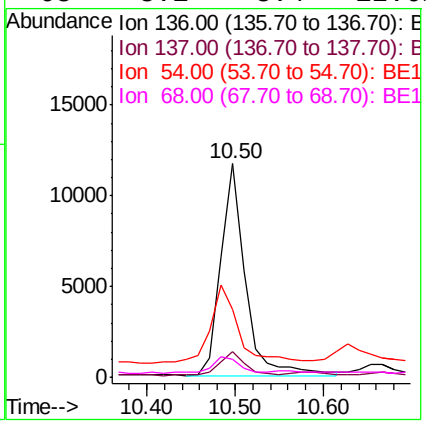


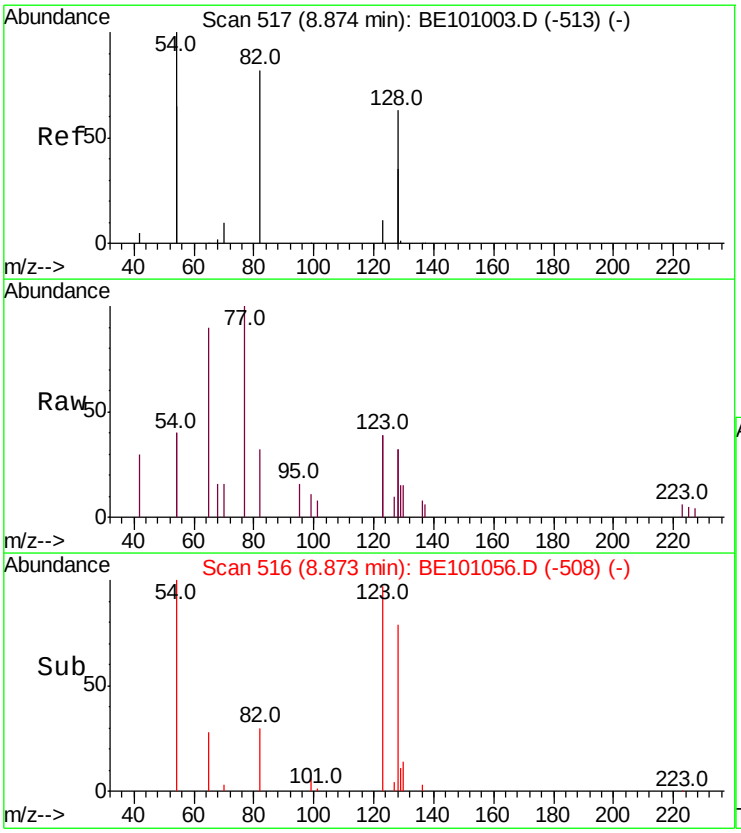
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 22702

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	31.8	36.8	55.2#
68	8.1	8.4	12.6#

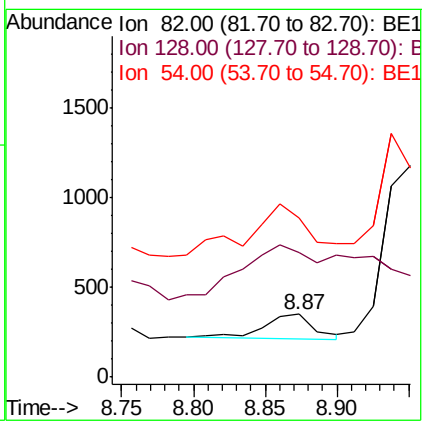


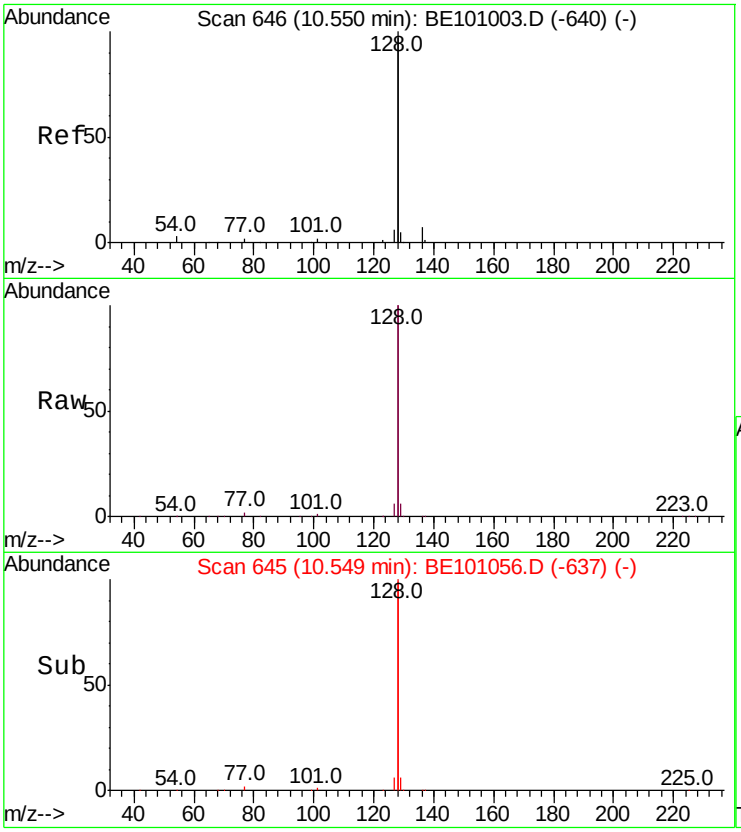


#8
Nitrobenzene-d5
Concen: 0.019 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion: 82 Resp: 302

Ion	Ratio	Lower	Upper
82	100		
128	198.9	109.8	164.6#
54	252.6	174.5	261.7



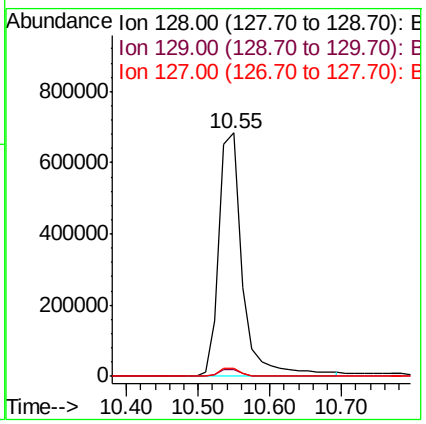


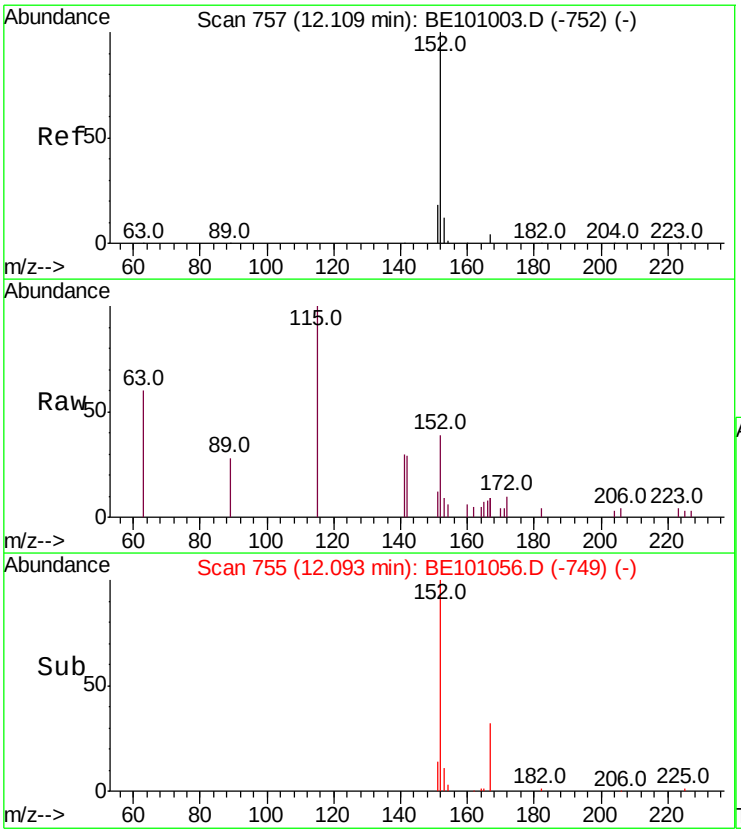
#9
Naphthalene
Concen: 6.134 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1546250

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.2	2.7	4.1

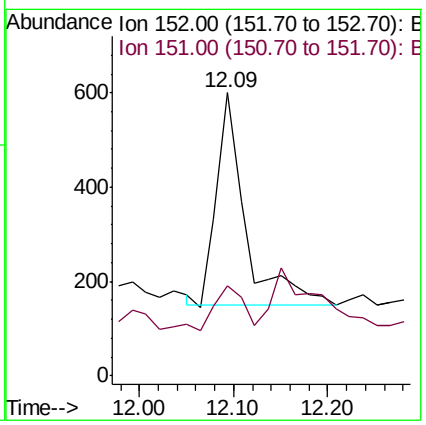


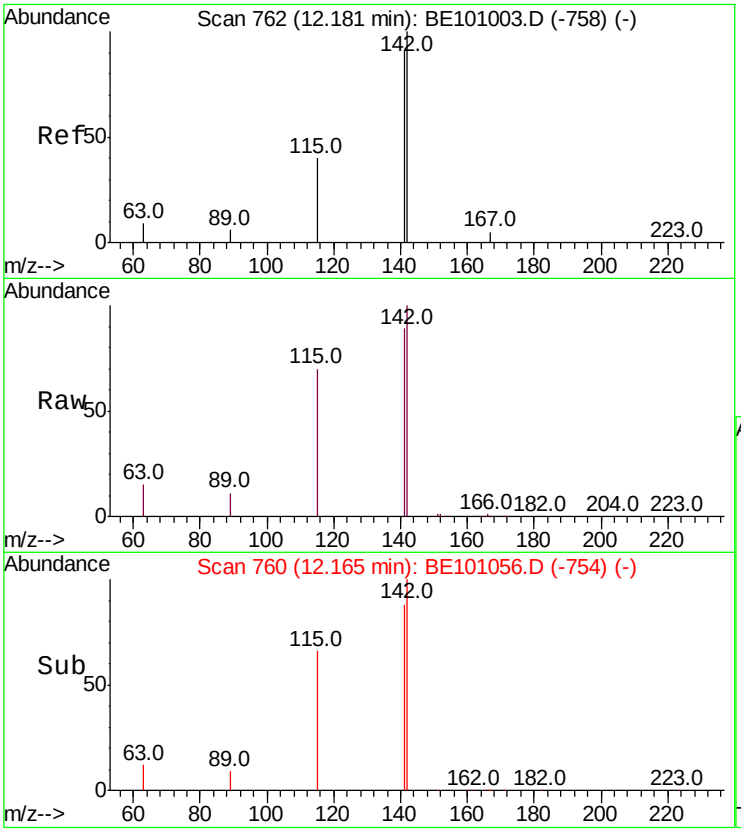


#11
2-Methylnaphthalene-d10
Concen: 0.022 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.02 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:152 Resp: 953

Ion	Ratio	Lower	Upper
152	100		
151	17.3	15.0	22.6



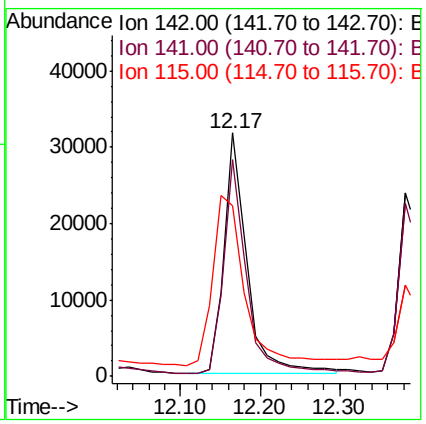


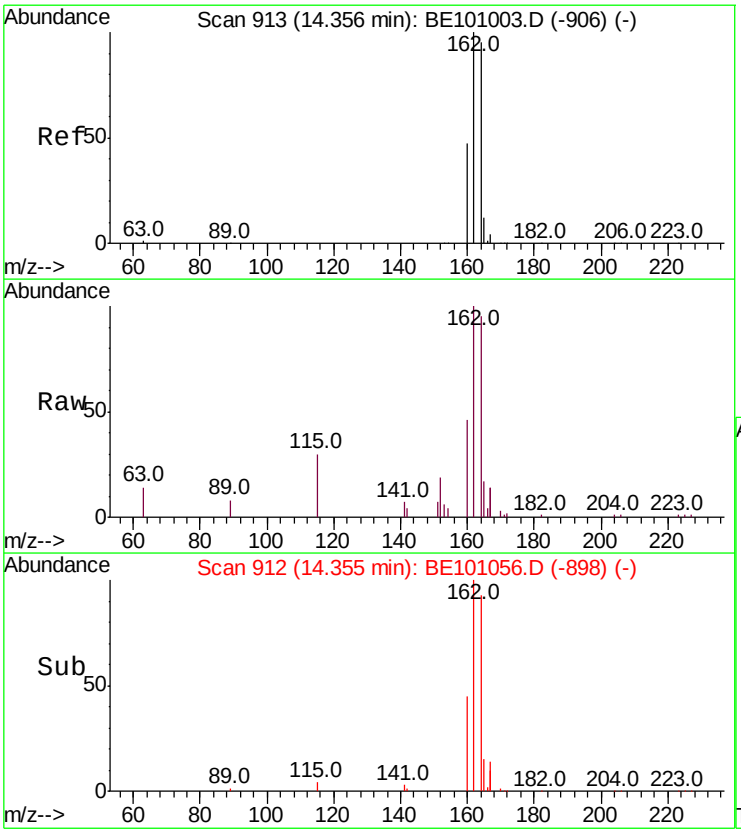
#12
2-Methylnaphthalene
Concen: 1.642 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 62597

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.5	108.7
115	70.3	33.0	49.6#

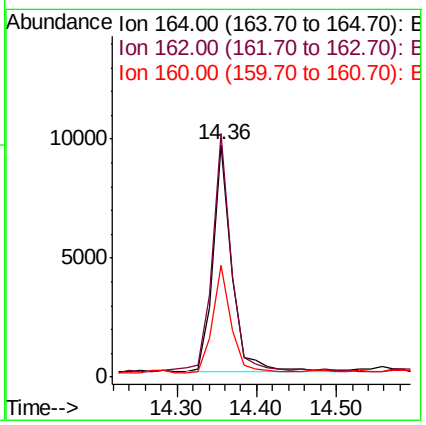


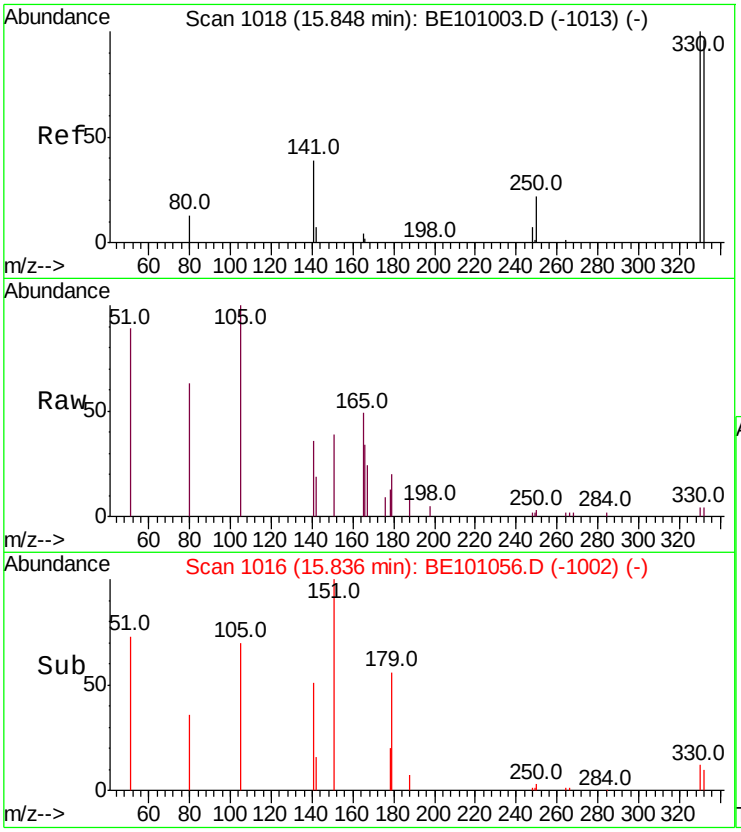


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:164 Resp: 15493

Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.1	126.1
160	48.2	40.4	60.6



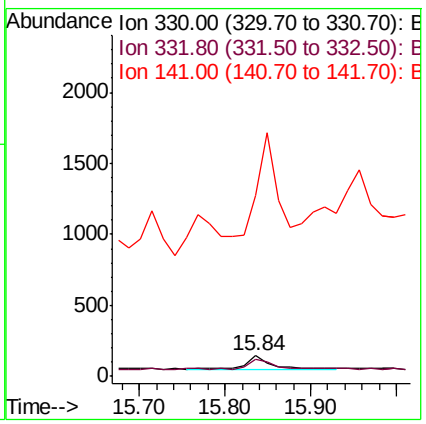


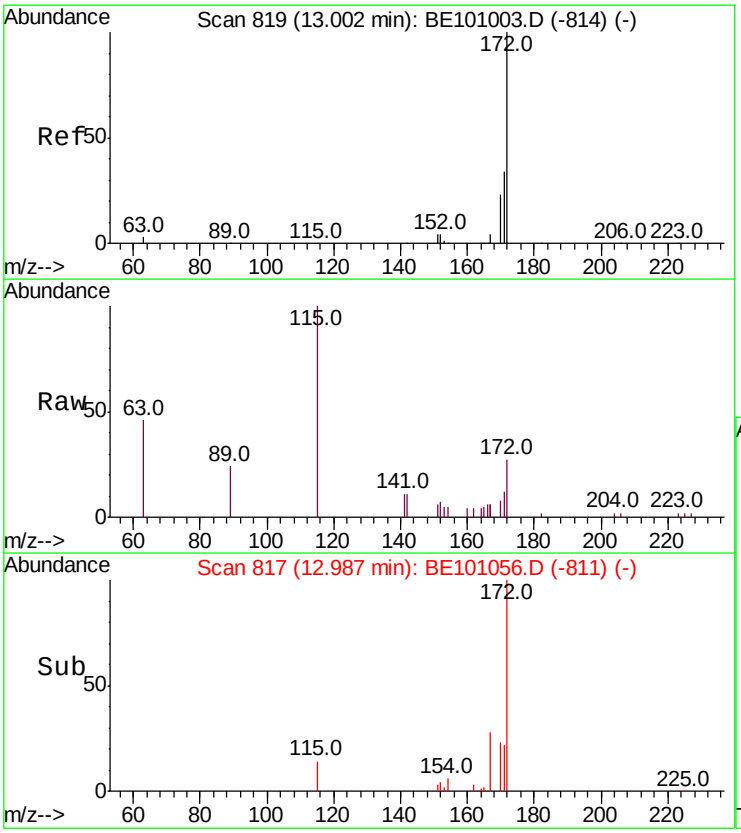
#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 202

Ion	Ratio	Lower	Upper
330	100		
332	73.3	78.4	117.6#
141	565.3	37.0	55.4#

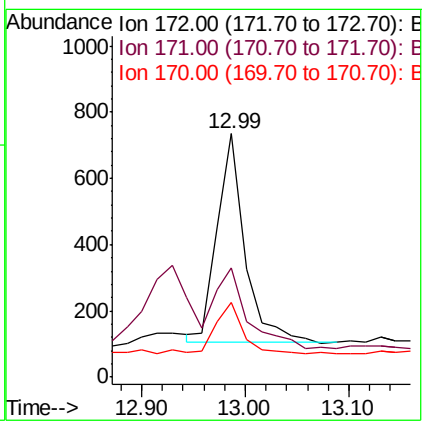


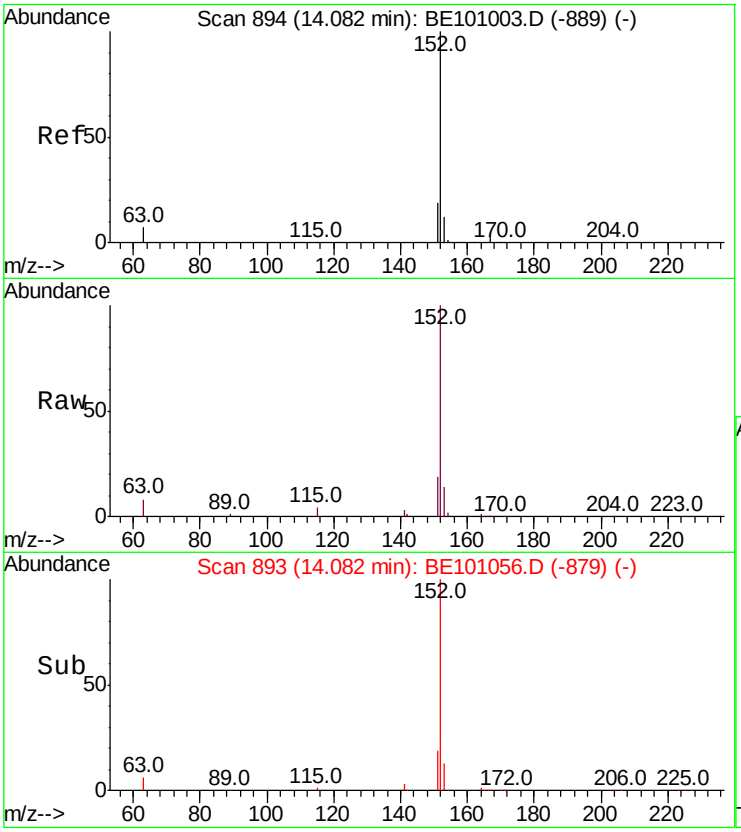


#15
2-Fluorobiphenyl
Concen: 0.020 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:172 Resp: 1184

Ion	Ratio	Lower	Upper
172	100		
171	45.0	28.2	42.2#
170	30.5	18.9	28.3#



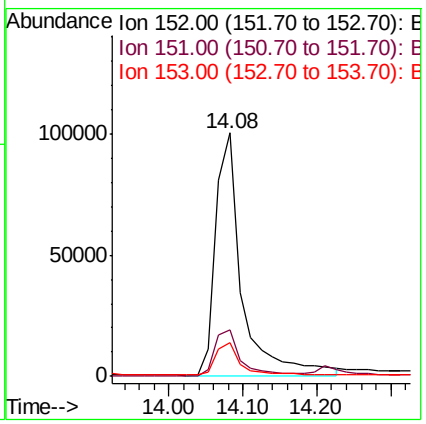


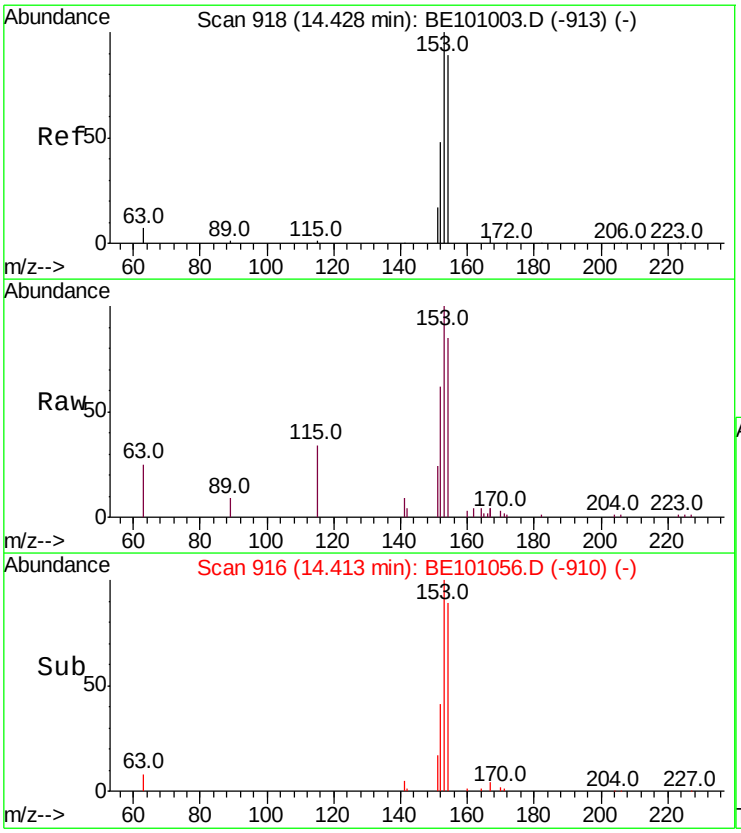
#16
Acenaphthylene
Concen: 3.893 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 245677

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	13.0	10.4	15.6

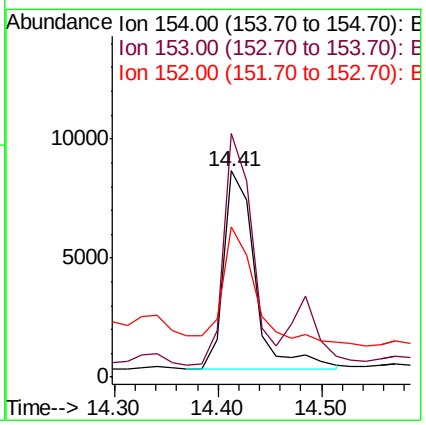


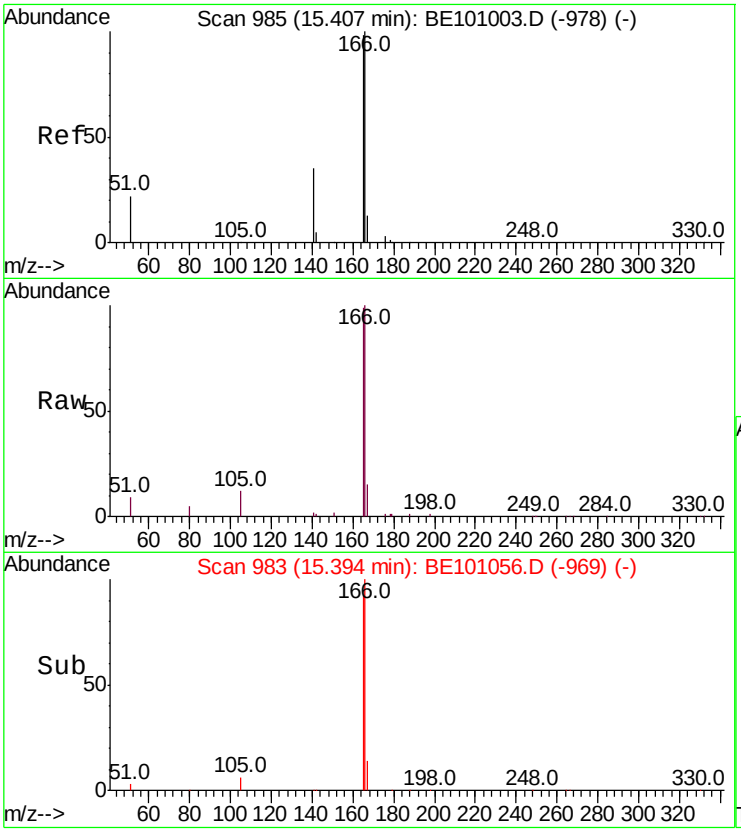


#17
Acenaphthene
Concen: 0.389 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.02 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:154 Resp: 17574

Ion	Ratio	Lower	Upper
154	100		
153	103.9	93.6	140.4
152	57.7	46.3	69.5



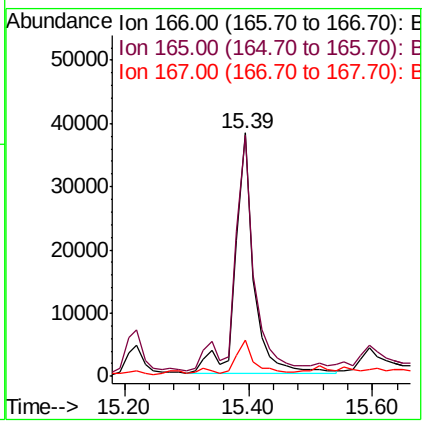


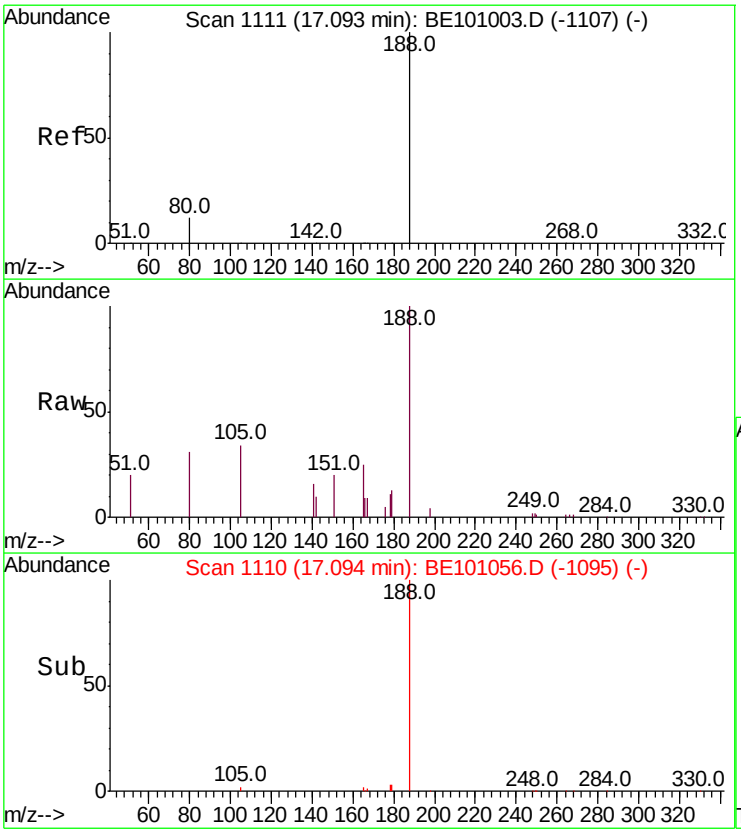
#18
Fluorene
Concen: 1.364 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 77857

Ion	Ratio	Lower	Upper
166	100		
165	104.2	79.8	119.8
167	12.3	11.0	16.6

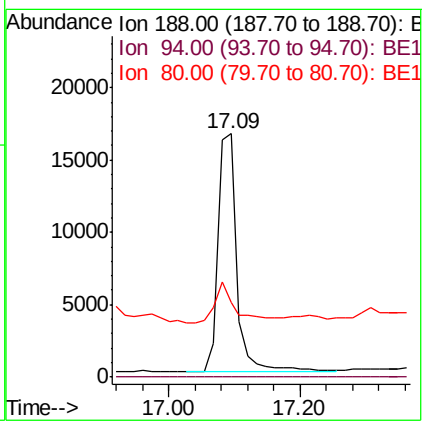


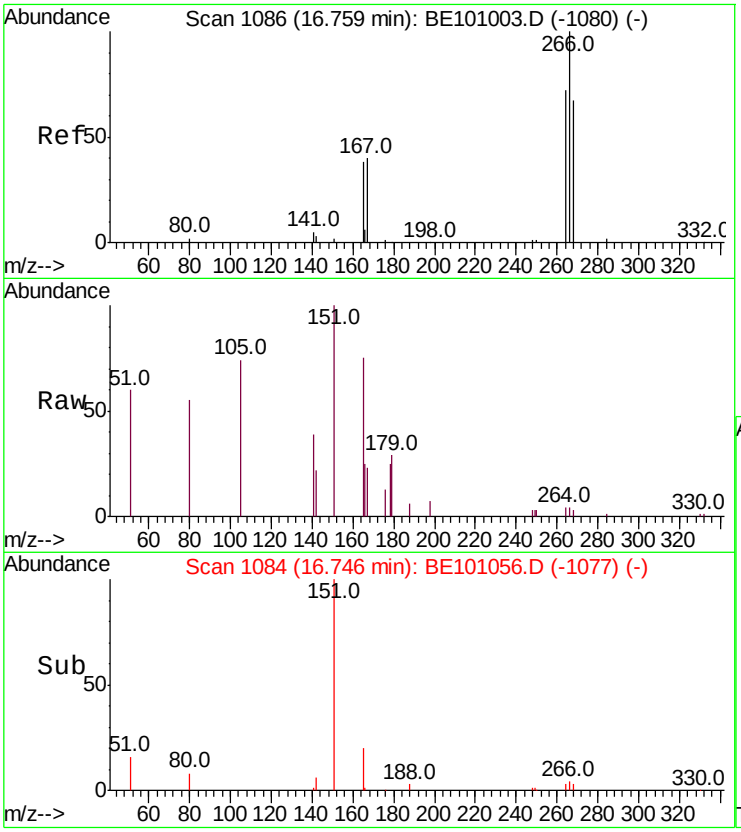


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:188 Resp: 33368

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	30.6	10.8	16.2#



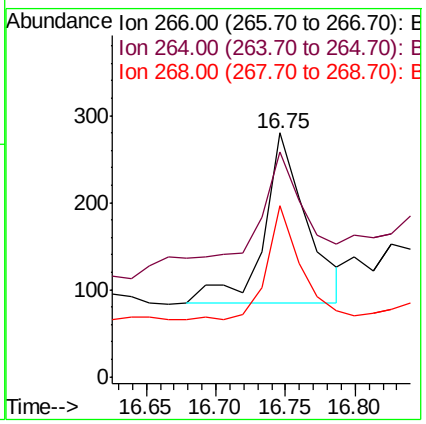


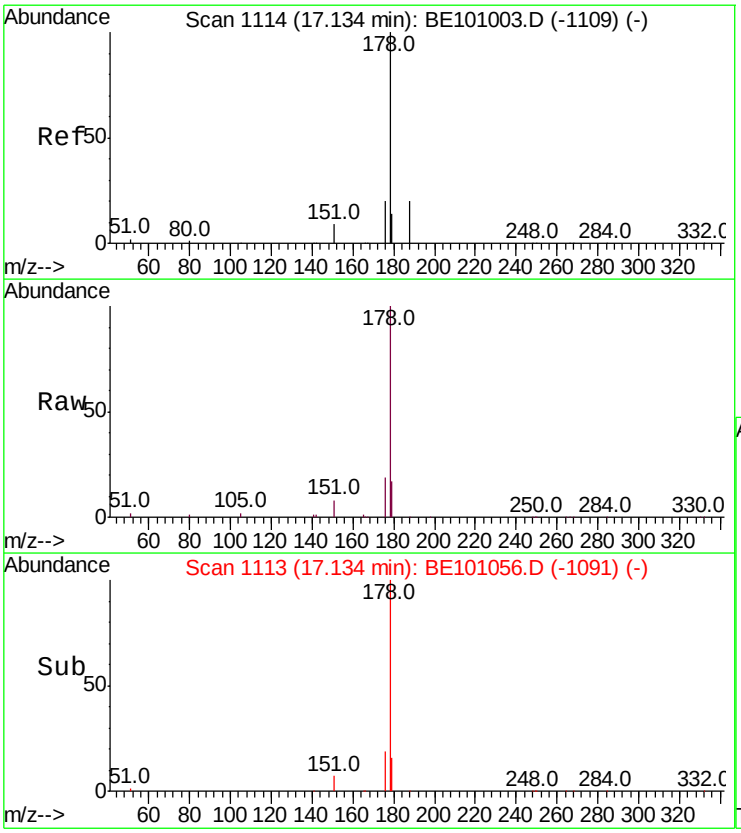
#22
Pentachlorophenol
Concen: 0.317 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 422

Ion	Ratio	Lower	Upper
266	100		
264	92.1	61.0	91.4#
268	70.4	58.5	87.7

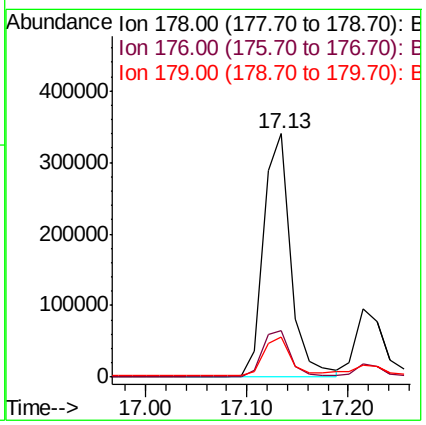


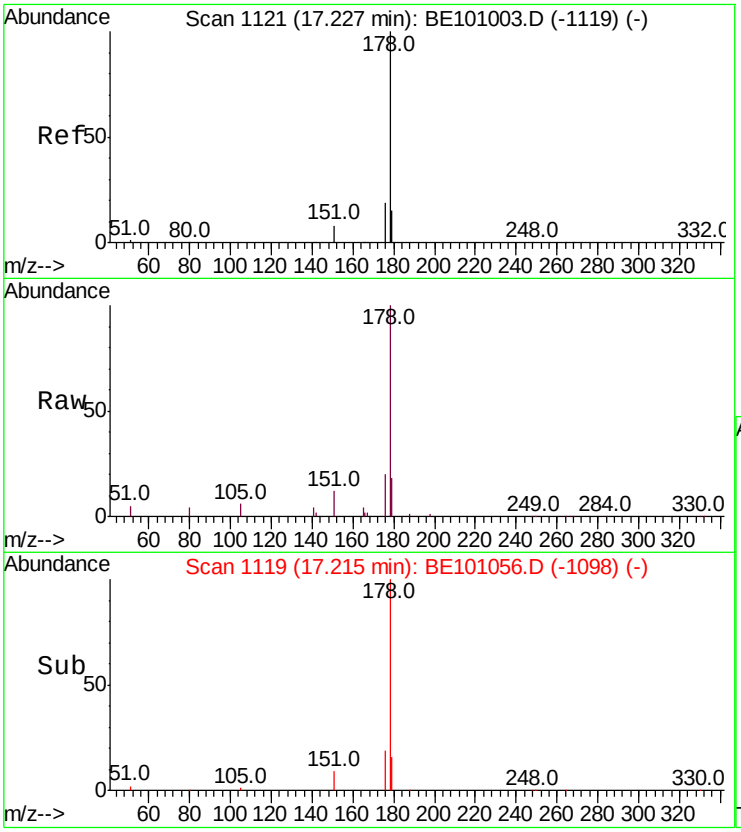


#23
Phenanthrene
Concen: 6.903 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:178 Resp: 628948

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.3	12.0	18.0



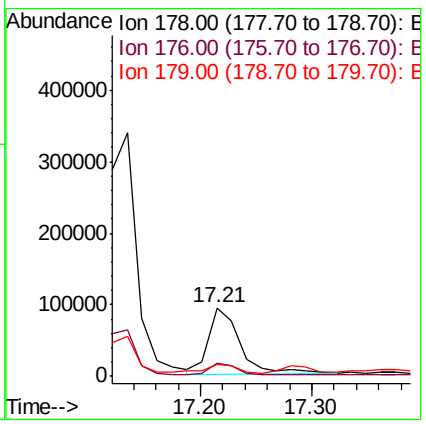


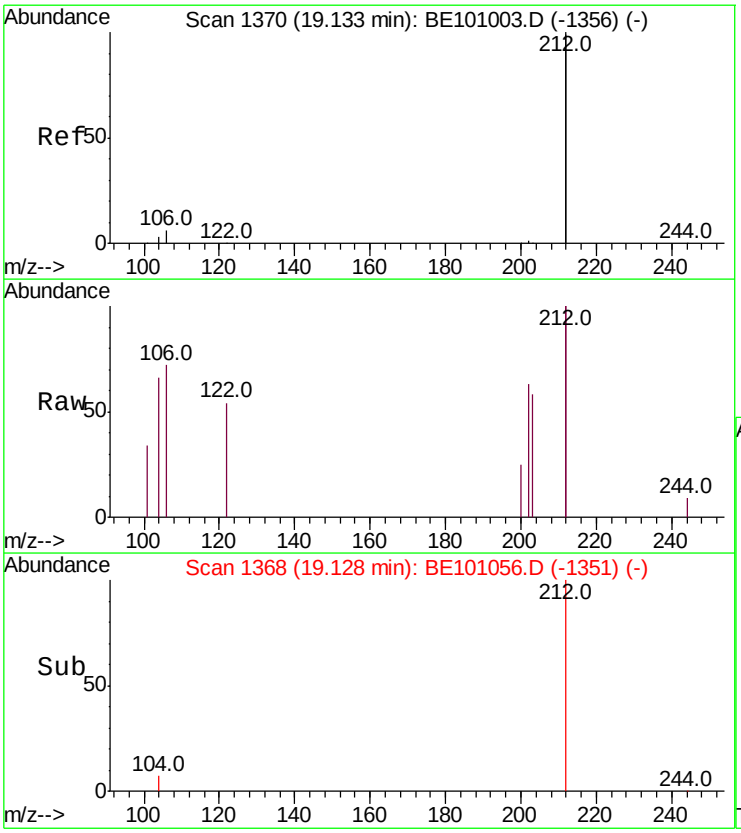
#24
Anthracene
Concen: 2.096 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 180236

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	18.1	12.4	18.6

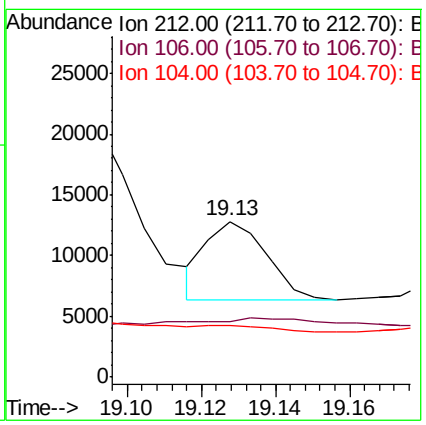


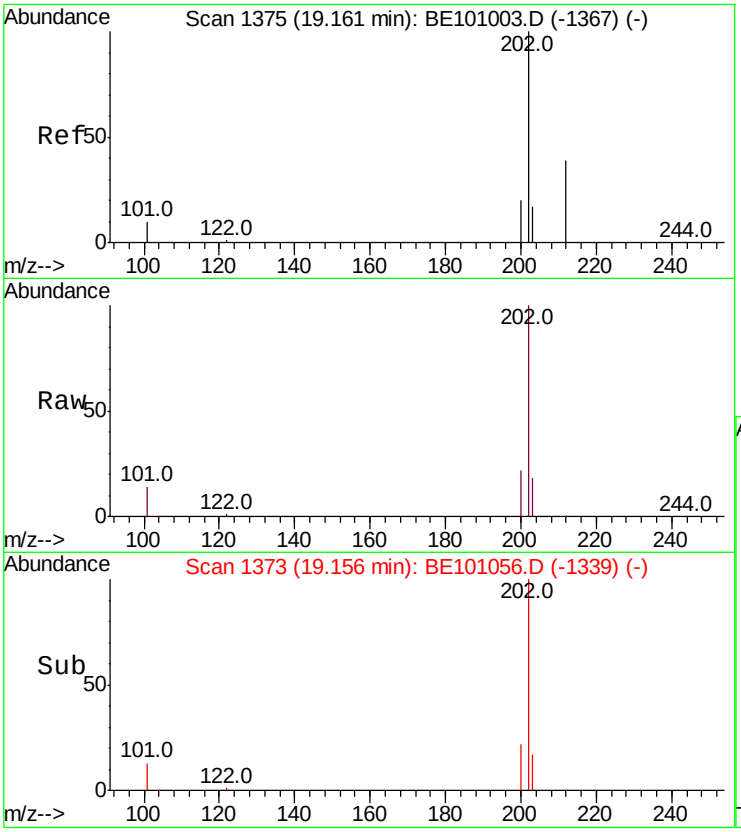


#25
Fluoranthene-d10
Concen: 0.016 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:212 Resp: 7311

Ion	Ratio	Lower	Upper
212	100		
106	16.6	2.6	3.8#
104	0.0	1.4	2.0#



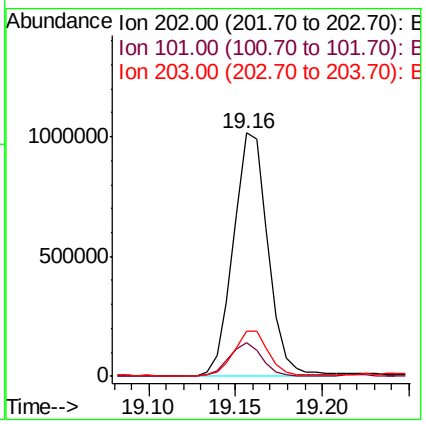


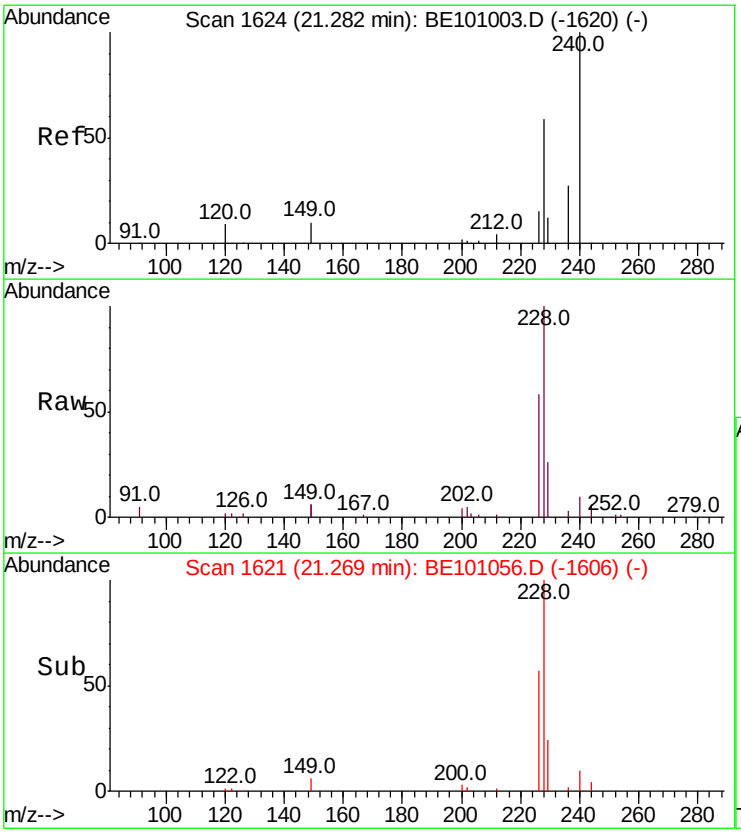
#26
Fluoranthene
Concen: 12.370 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1411568

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.6	14.4
203	18.0	13.8	20.6

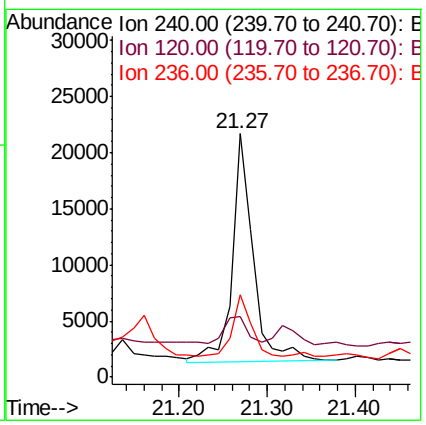


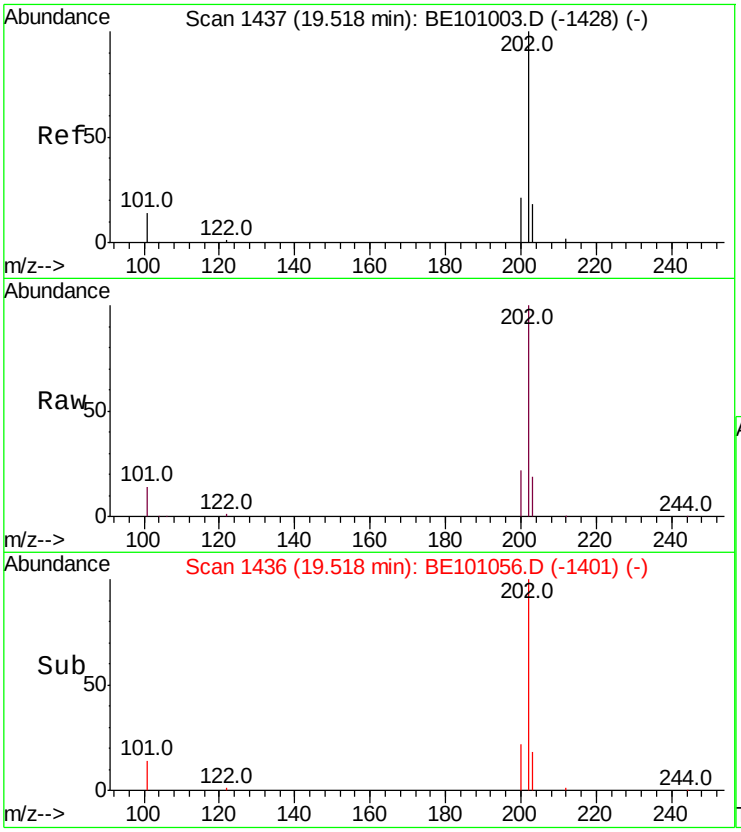


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:240 Resp: 34084

Ion	Ratio	Lower	Upper
240	100		
120	25.1	8.6	13.0#
236	34.1	22.2	33.4#



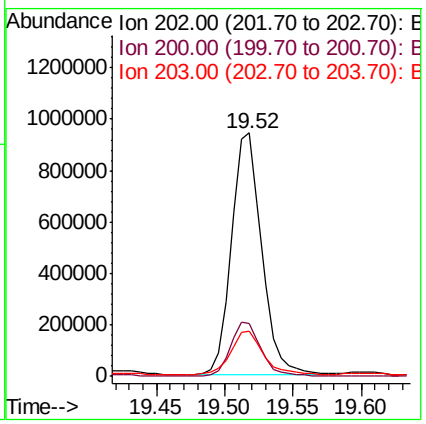


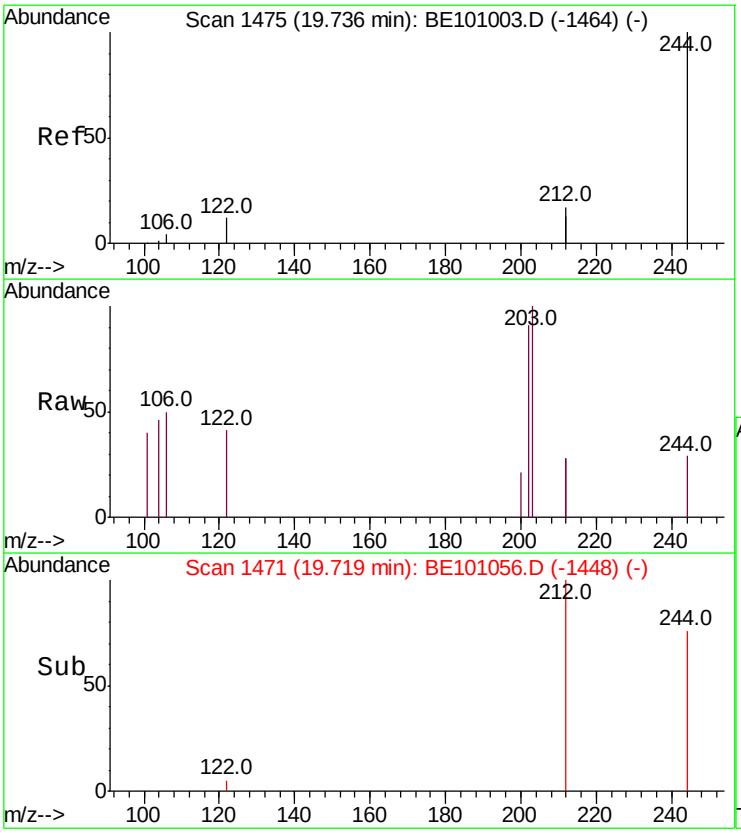
#28
Pyrene
Concen: 11.460 ng
RT: 19.52 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1454009

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	19.9	13.8	20.6

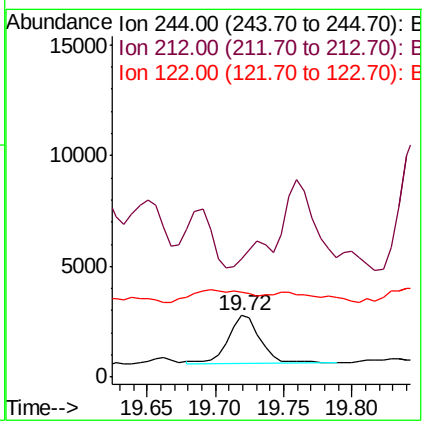


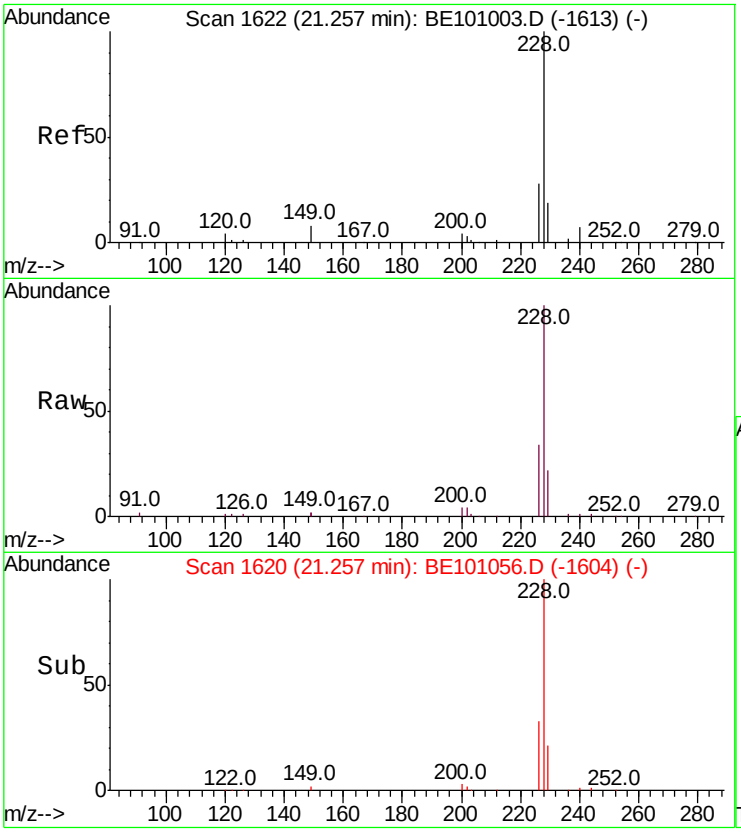


#29
Terphenyl-d14
Concen: 0.042 ng
RT: 19.72 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:244 Resp: 3548

Ion	Ratio	Lower	Upper
244	100		
212	193.0	27.2	40.8#
122	138.9	9.8	14.8#



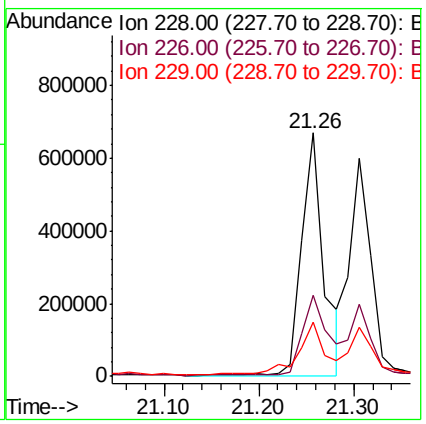


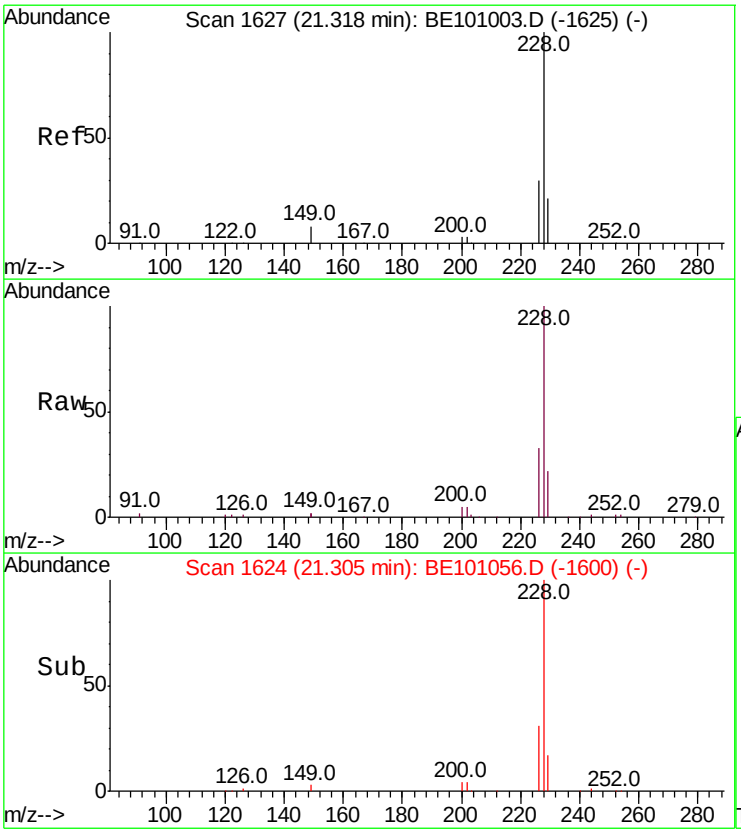
#30
Benzo(a)anthracene
Concen: 11.098 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1079368

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.7	34.1
229	22.0	15.5	23.3

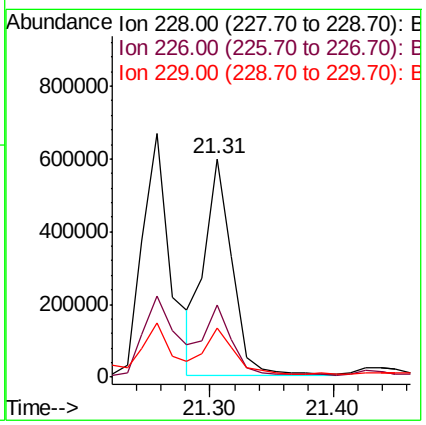


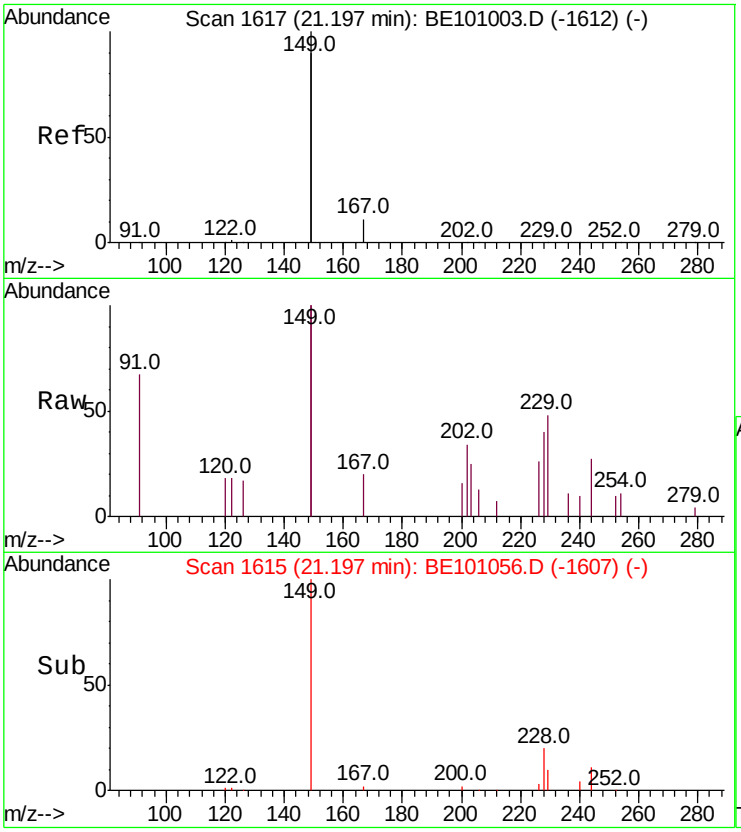


#31
Chrysene
Concen: 6.513 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:228 Resp: 941482

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.5	35.3
229	22.4	16.7	25.1



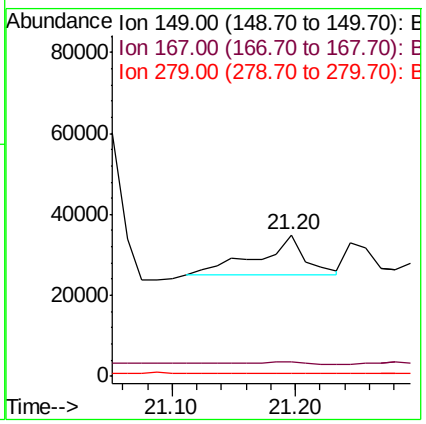


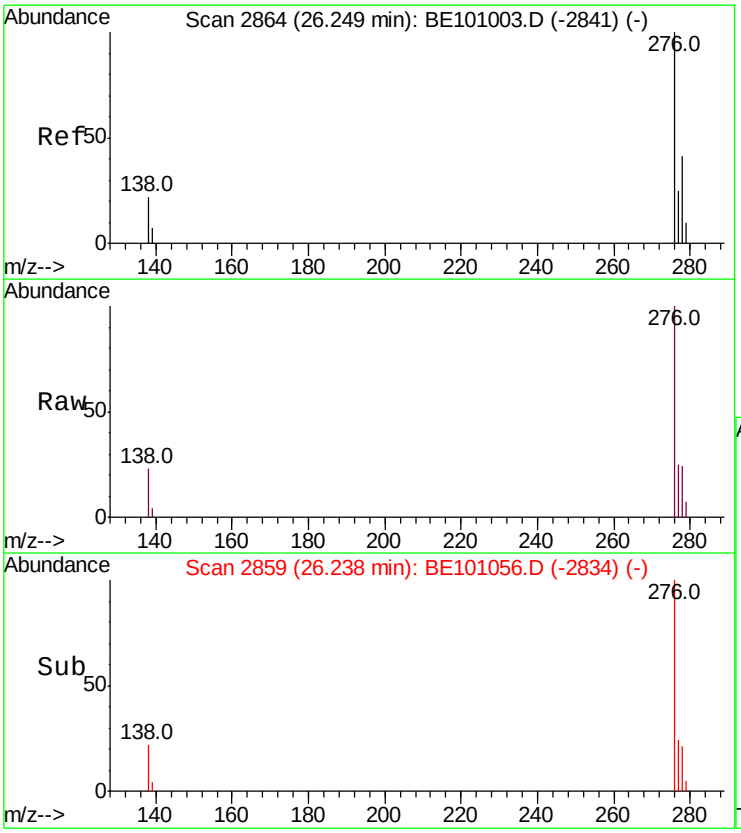
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 21.20 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 26249

Ion	Ratio	Lower	Upper
149	100		
167	3.8	5.2	7.8#
279	0.5	0.8	1.2#

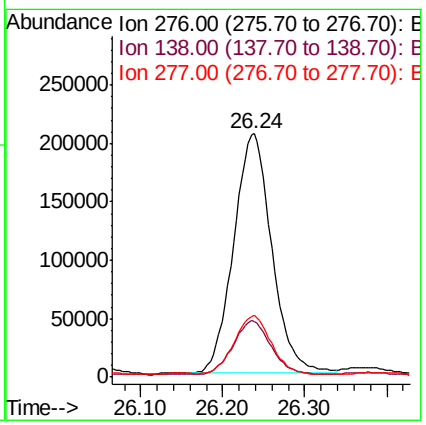


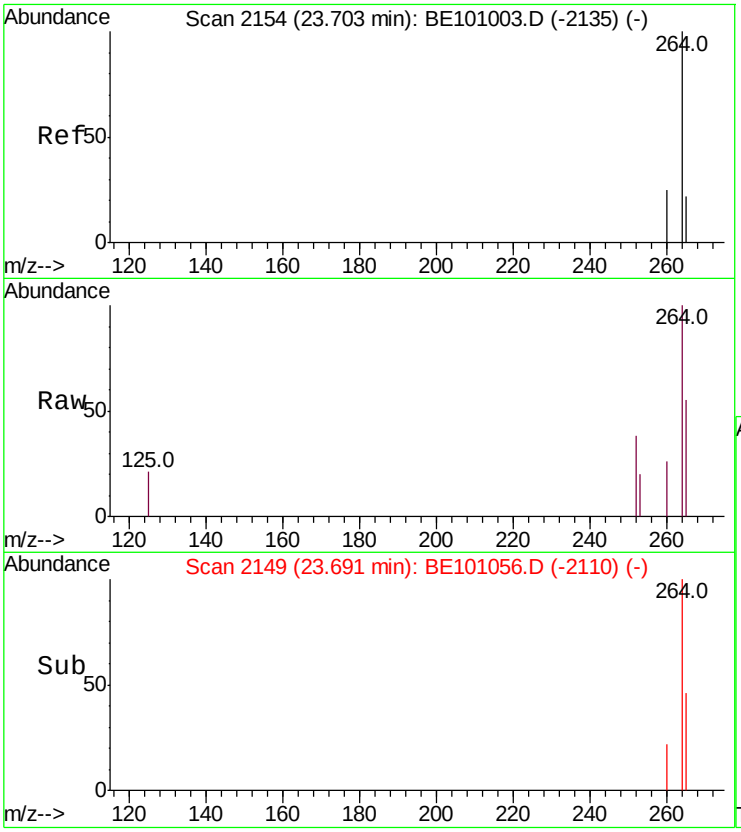


#33
Indeno(1,2,3-cd)pyrene
Concen: 5.807 ng
RT: 26.24 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:276 Resp: 663172

Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.1	24.1
277	24.0	18.1	27.1



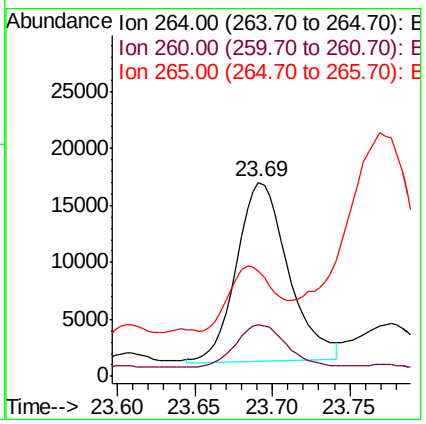


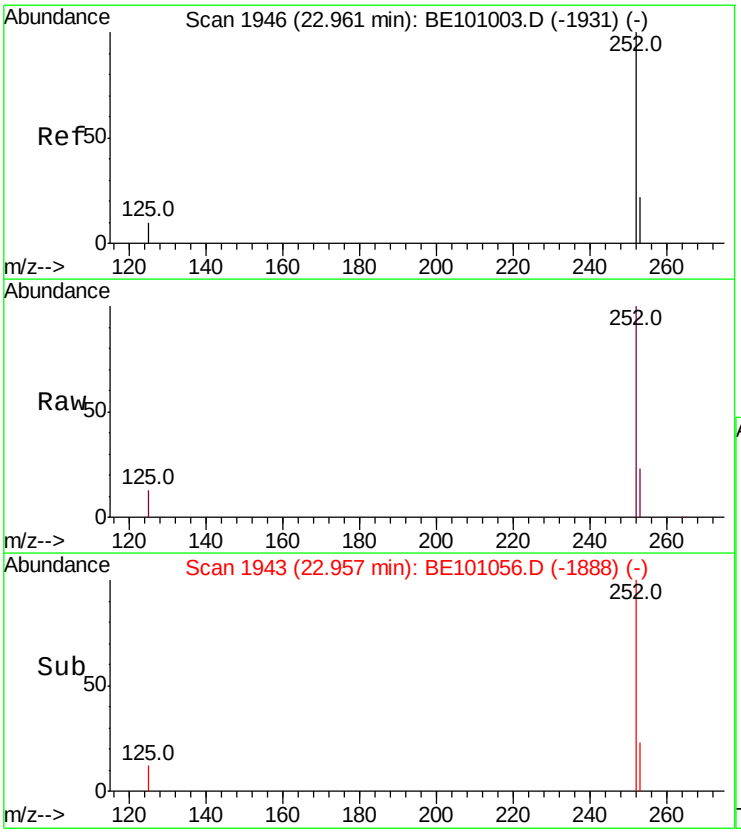
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 36645

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.3	30.5
265	54.6	27.0	40.4#

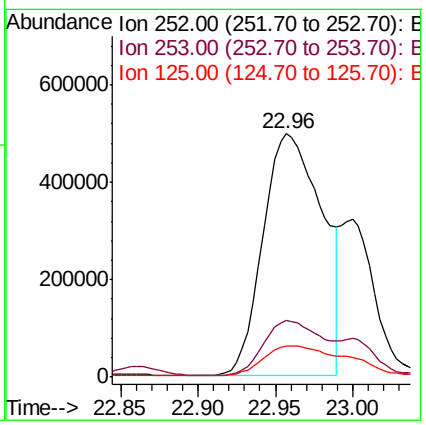


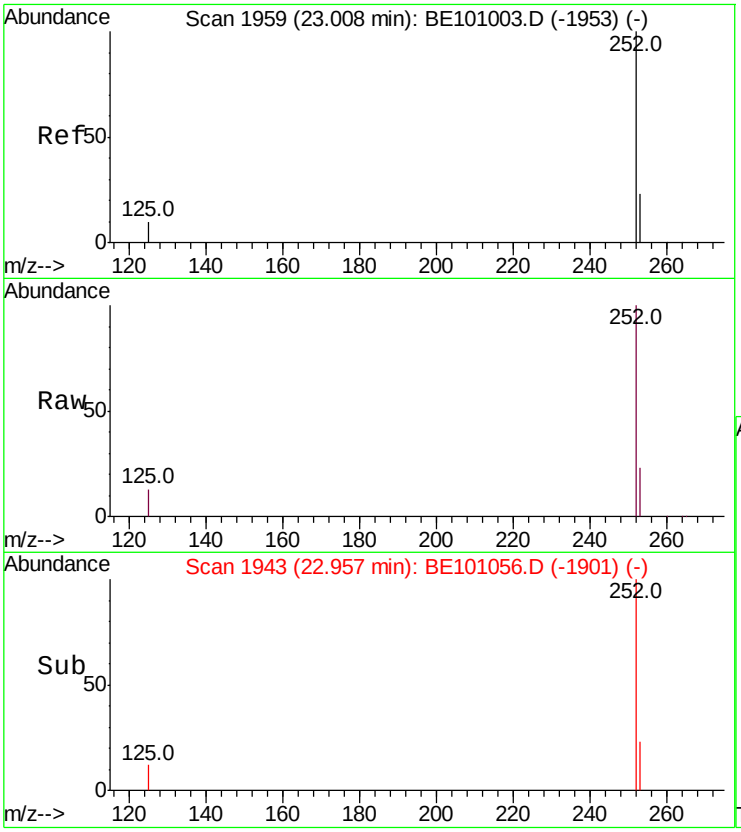


#35
Benzo(b)fluoranthene
Concen: 12.806 ng
RT: 22.96 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:252 Resp: 1316106

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	12.6	9.5	14.3



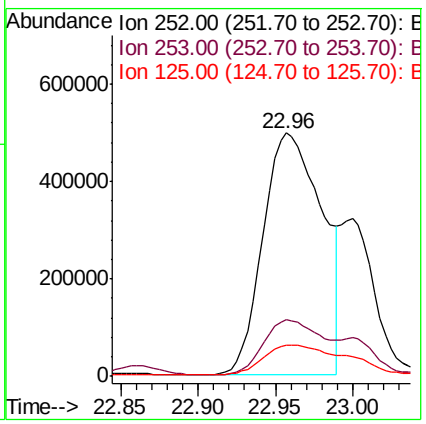


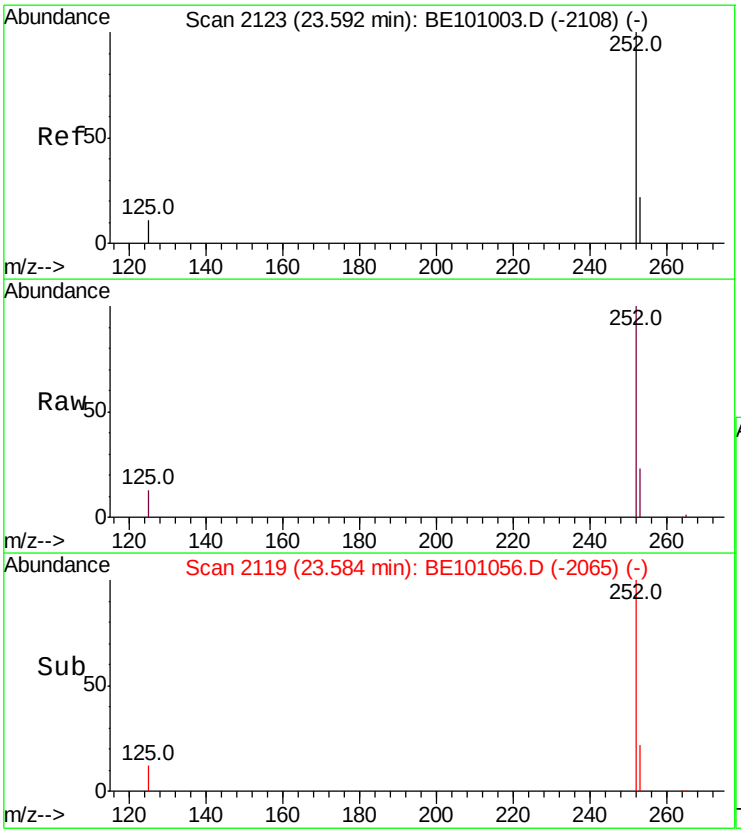
#36
Benzo(k)fluoranthene
Concen: 8.837 ng
RT: 22.96 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1316106

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	12.6	10.1	15.1

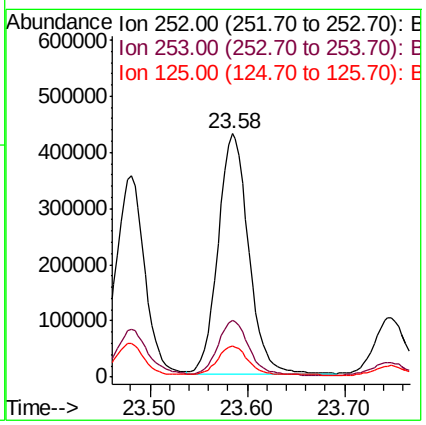


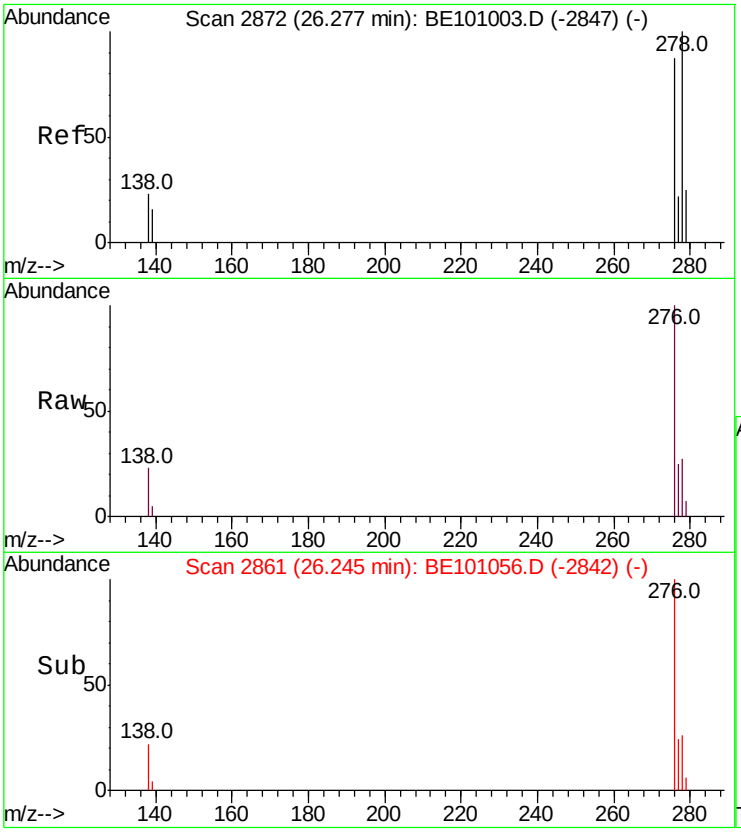


#37
Benzo(a)pyrene
Concen: 9.314 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:252 Resp: 926001

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	12.9	11.8	17.6



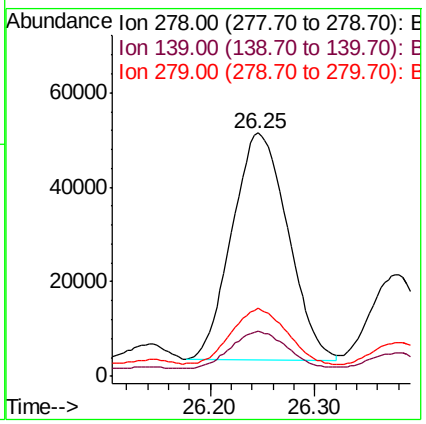


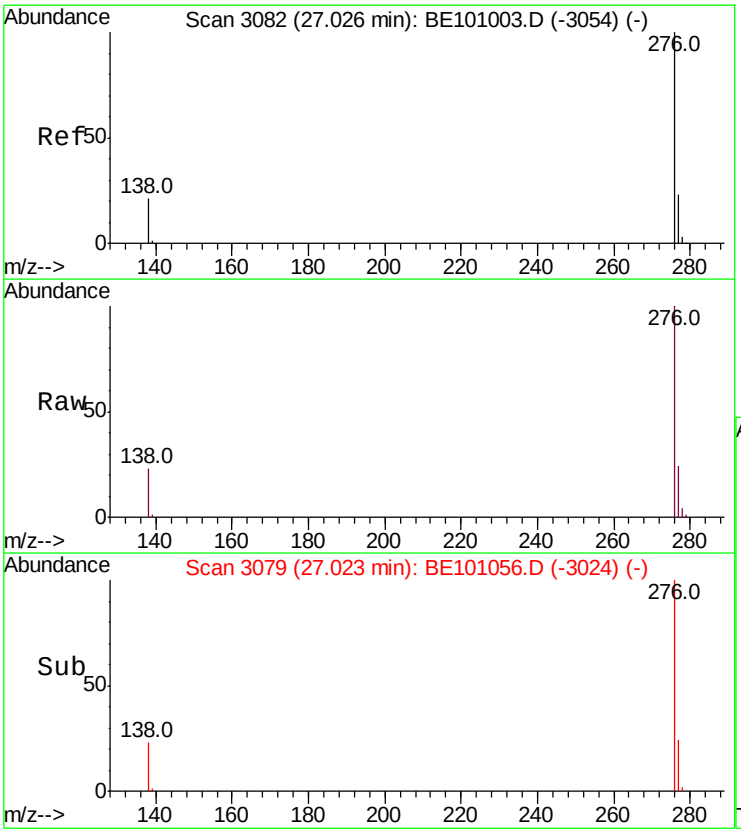
#38
Dibenzo(a,h)anthracene
Concen: 1.944 ng
RT: 26.25 min Scan# 2861
Delta R.T. -0.03 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 177758

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.0	22.4
279	27.8	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 6.037 ng
RT: 27.02 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BE101056.D
Acq: 14 Jan 2020 17:48

Tgt Ion:276 Resp: 678810

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	23.4	17.9	26.9