Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101050.D
Acq On : 14 Jan 2020 13:11
Operator : JU
Sample : L1103-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 14 20:41:56 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	7.73	152	3212	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	13282	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8985	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	21140	0.40	ng		0.00
27) Chrysene-d12	21.27	240	20938	0.40	ng		-0.01
34) Perylene-d12	23.69	264	23232	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2112	0.29	ng		0.00
5) Phenol-d6	6.91	99	3240	0.35	ng		0.00
8) Nitrobenzene-d5	8.89	82	2464	0.26	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	7327	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	454	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	11148	0.33	ng		-0.01
25) Fluoranthene-d10	19.12	212	95571	0.33	ng		-0.01
29) Terphenyl-d14	19.72	244	18122	0.35	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.55	128	7302	0.050	ng	#	94
12) 2-Methylnaphthalene	12.18	142	572	0.026	ng	#	81
16) Acenaphthylene	14.08	152	2008	0.055	ng		96
22) Pentachlorophenol	16.76	266	13	0.253	ng	#	76
23) Phenanthrene	17.13	178	5023	0.087	ng		97
24) Anthracene	17.13	178	5023	0.092	ng		98
26) Fluoranthene	19.15	202	13374	0.185	ng		99
28) Pyrene	19.51	202	15751	0.202	ng		97
30) Benzo(a)anthracene	21.31	228	9704	0.162	ng		92
31) Chrysene	21.31	228	11061	0.125	ng		95
32) Bis(2-ethylhexyl)phthalate	21.20	149	12981	0.130	ng		99
33) Indeno(1,2,3-cd)pyrene	26.23	276	6080	0.087	ng		98
35) Benzo(b)fluoranthene	22.95	252	12056	0.185	ng	#	93
36) Benzo(k)fluoranthene	22.95	252	12056	0.128	ng	#	94
37) Benzo(a)pyrene	23.58	252	7717	0.122	ng	#	93
39) Benzo(g,h,i)perylene	27.01	276	7461	0.105	ng		93

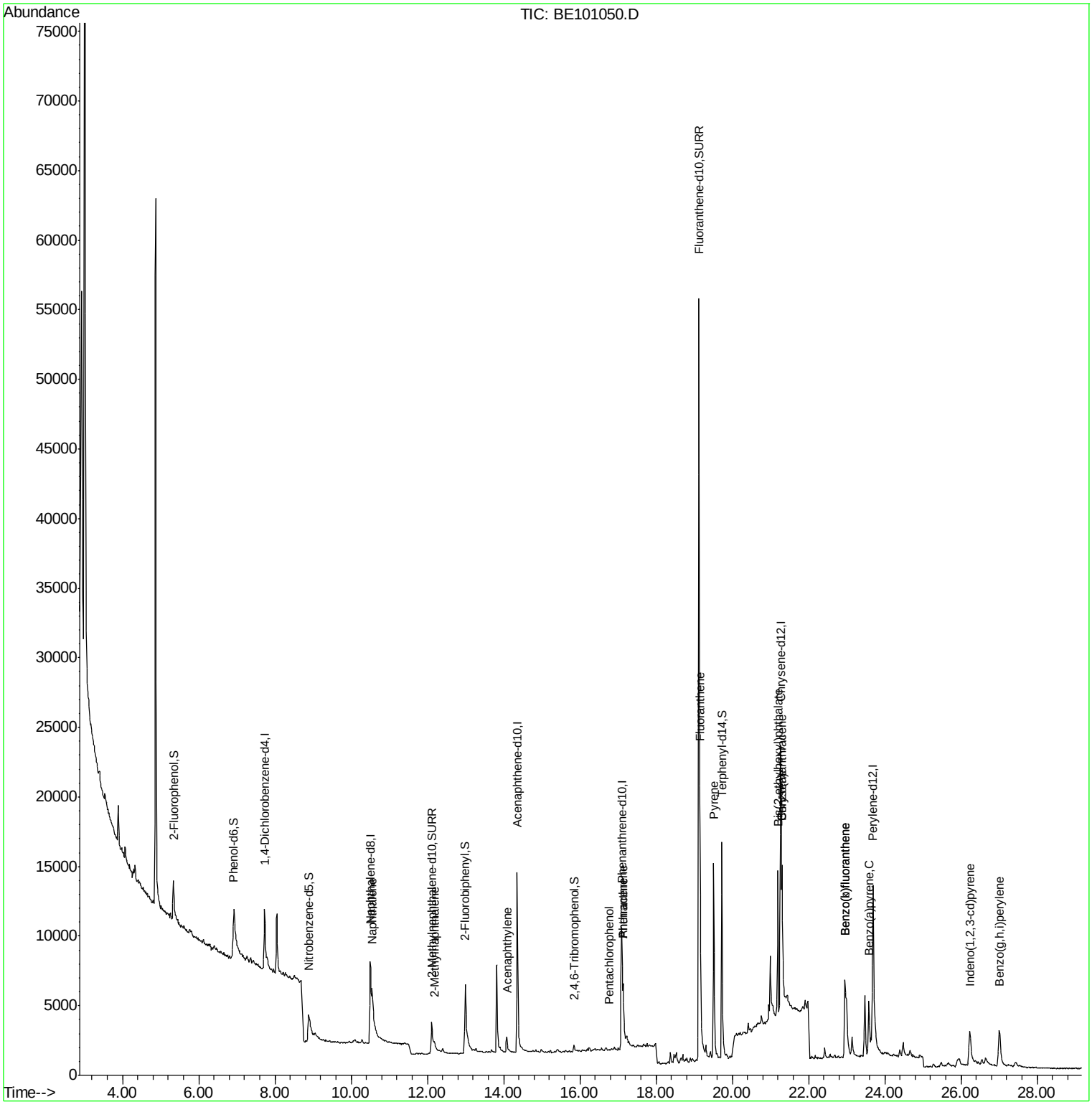
(#) = qualifier out of range (m) = manual integration (+) = signals summed

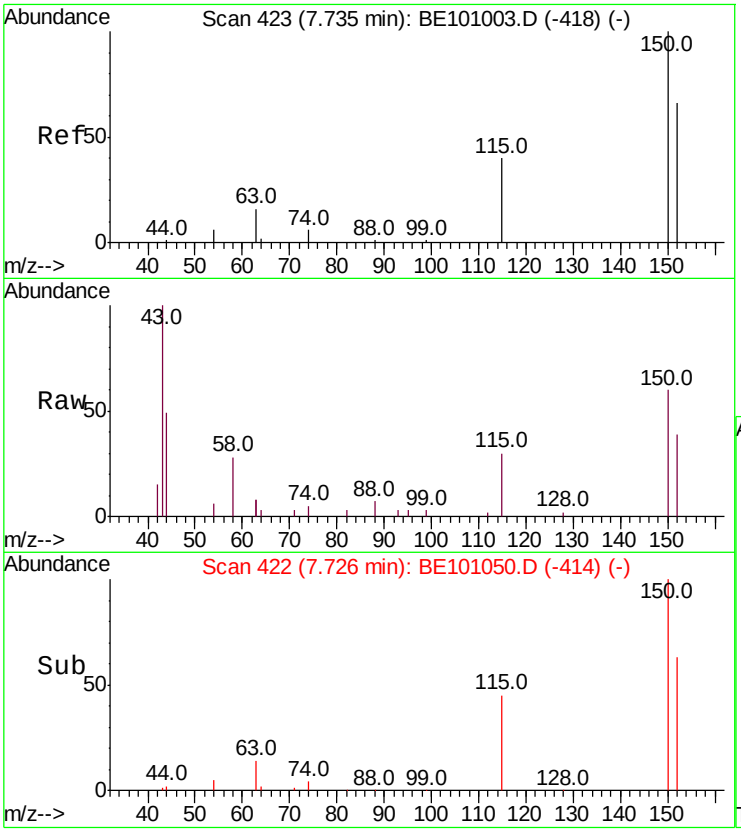
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101050.D
Acq On : 14 Jan 2020 13:11
Operator : JU
Sample : L1103-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 14 20:41:56 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



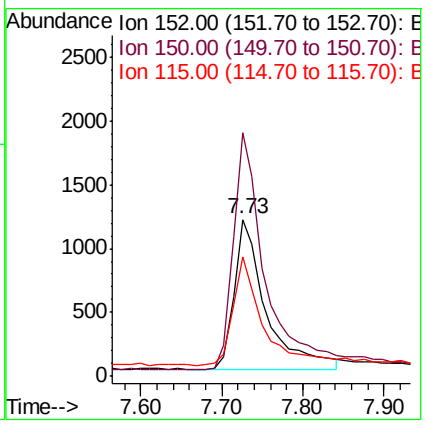


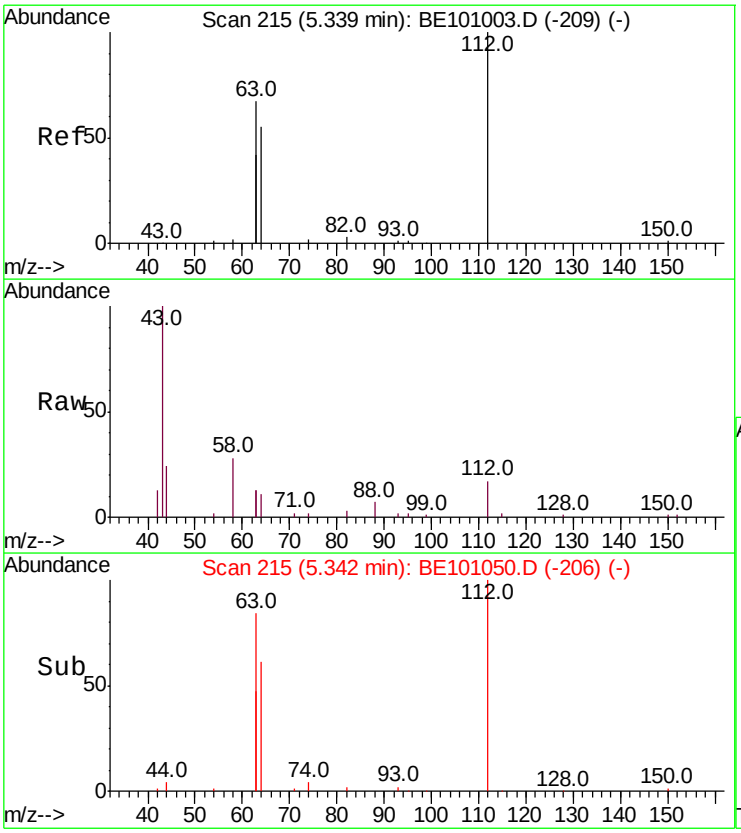
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3212

Ion	Ratio	Lower	Upper
152	100		
150	155.3	120.3	180.5
115	75.9	51.7	77.5

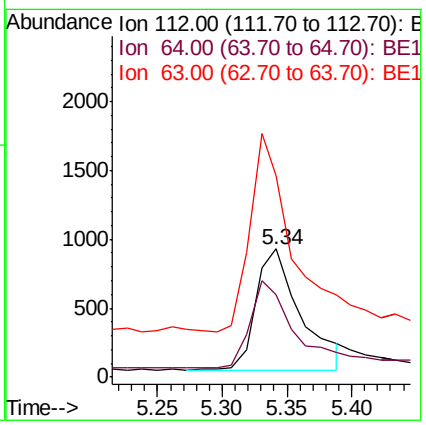


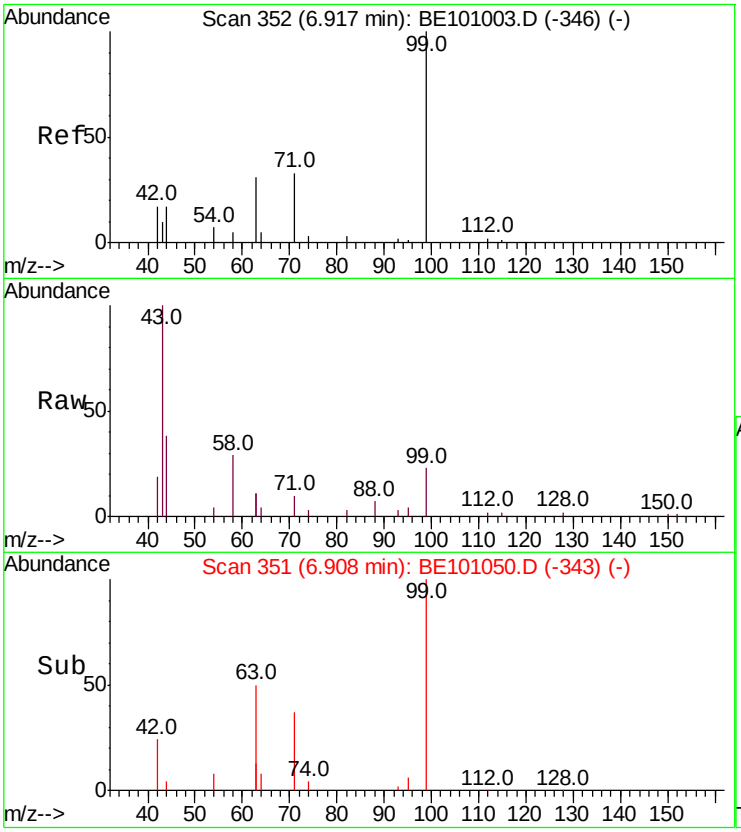


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:112 Resp: 2112

Ion	Ratio	Lower	Upper
112	100		
64	70.3	53.6	80.4
63	154.8	114.6	172.0



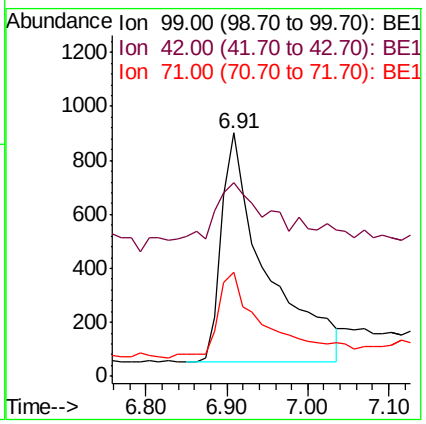


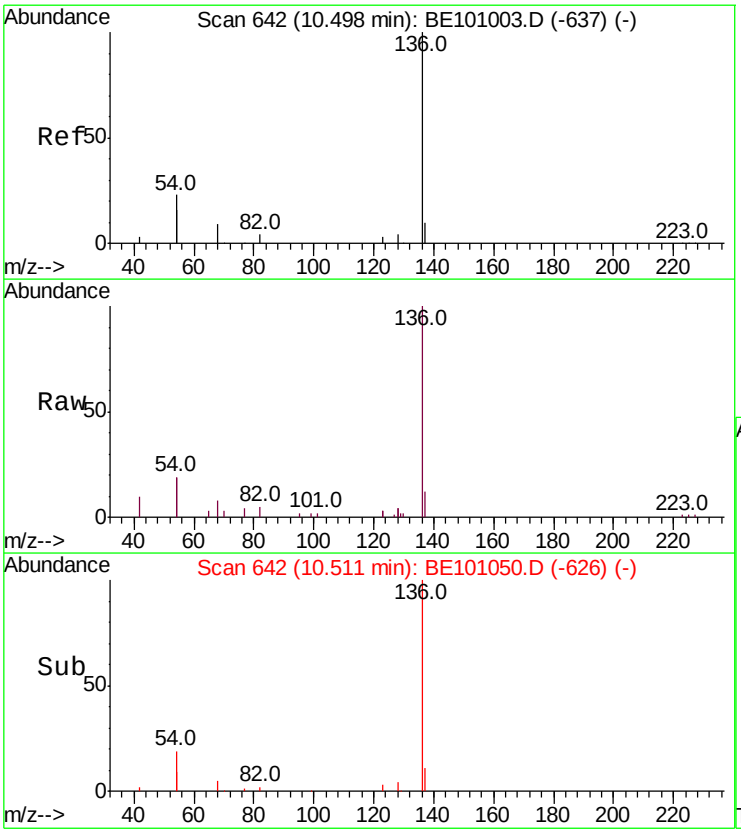
#5
Phenol-d6
Concen: 0.354 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3240

Ion	Ratio	Lower	Upper
99	100		
42	29.1	18.3	27.5#
71	37.6	28.0	42.0

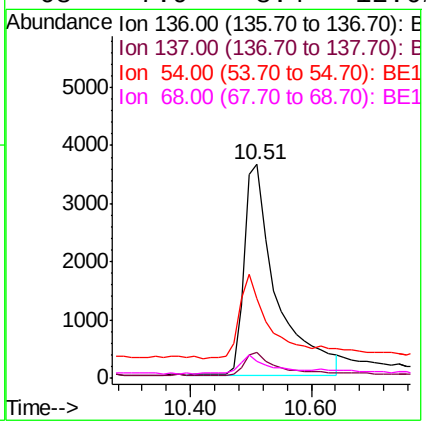


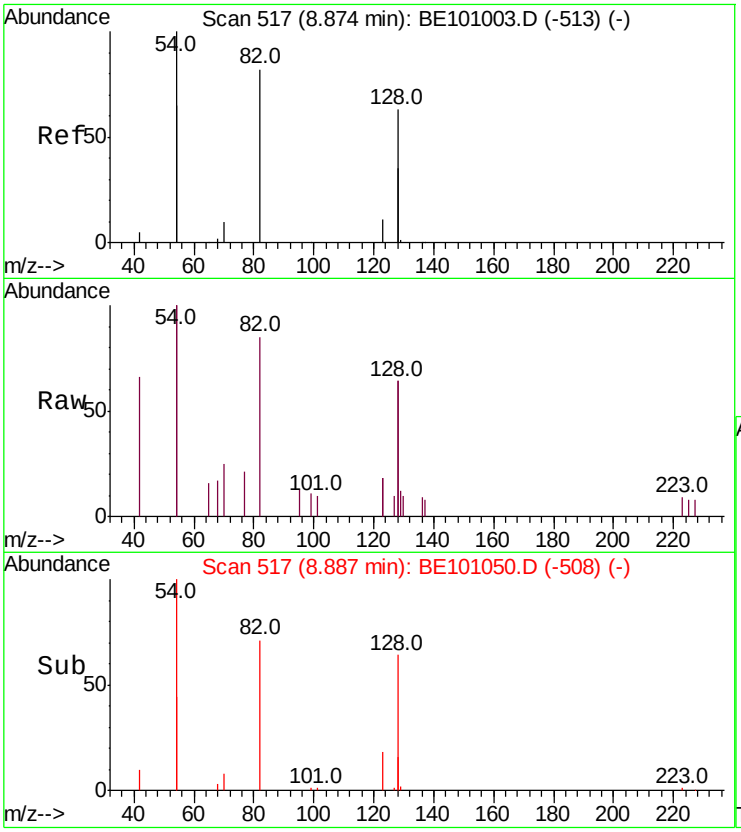


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 642
Delta R.T. 0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:136 Resp: 13282

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	37.2	36.8	55.2
68	7.9	8.4	12.6#



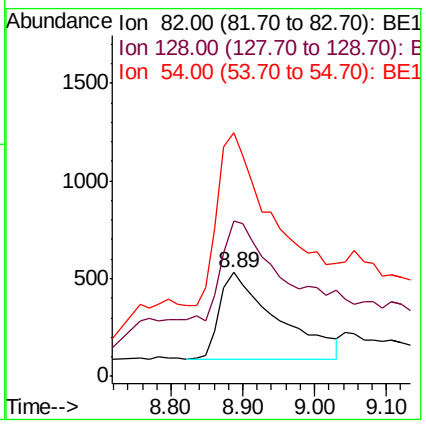


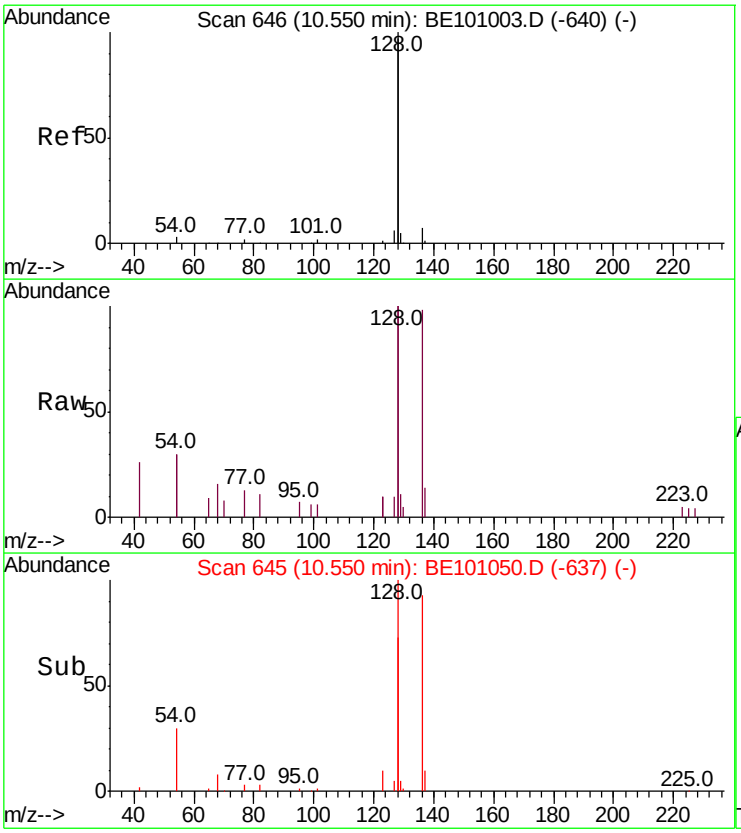
#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.89 min Scan# 517
Delta R.T. 0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 2464

Ion	Ratio	Lower	Upper
82	100		
128	149.2	109.8	164.6
54	234.2	174.5	261.7

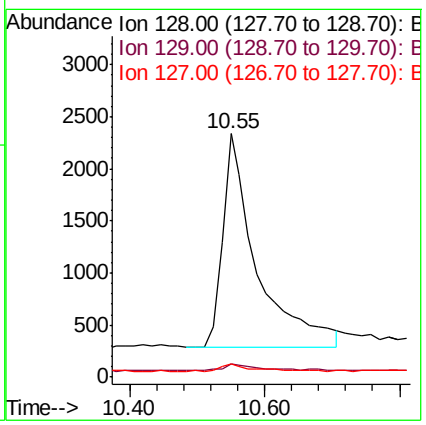


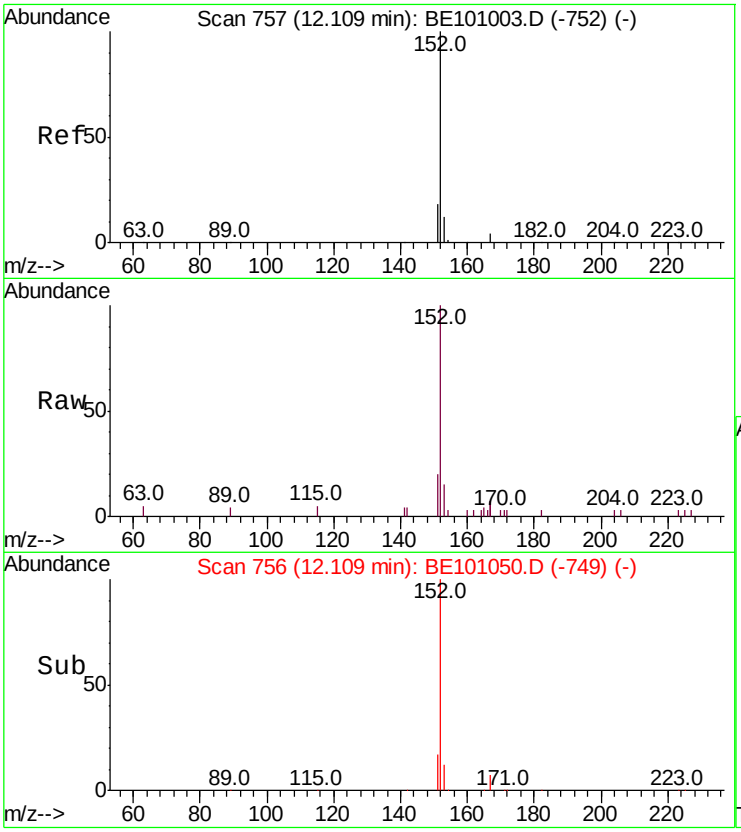


#9
Naphthalene
Concen: 0.050 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:128 Resp: 7302

Ion	Ratio	Lower	Upper
128	100		
129	5.3	2.3	3.5#
127	5.2	2.7	4.1#



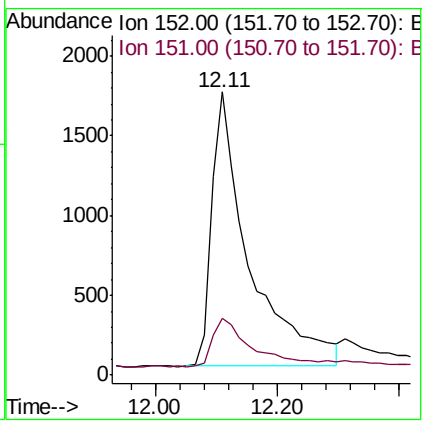


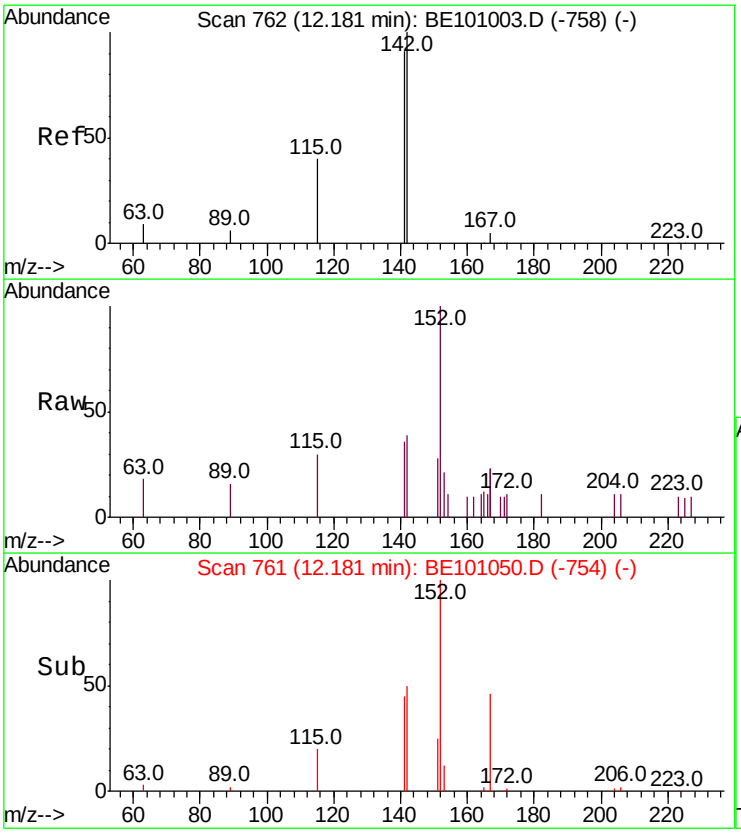
#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7327

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.0	22.6

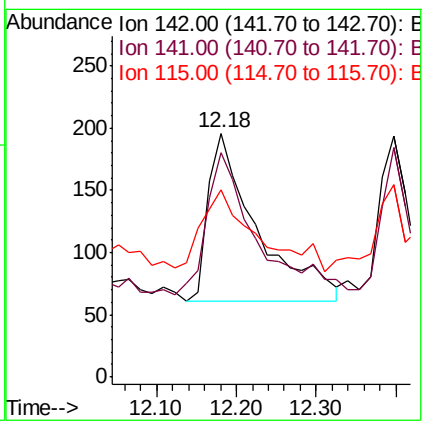


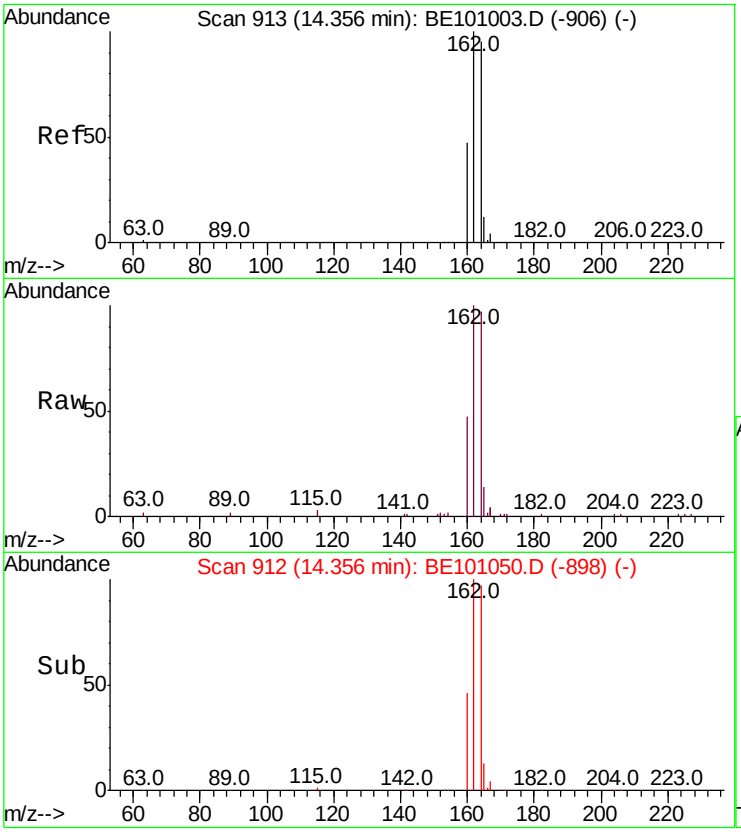


#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.18 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:142 Resp: 572

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.5	108.7
115	77.0	33.0	49.6#



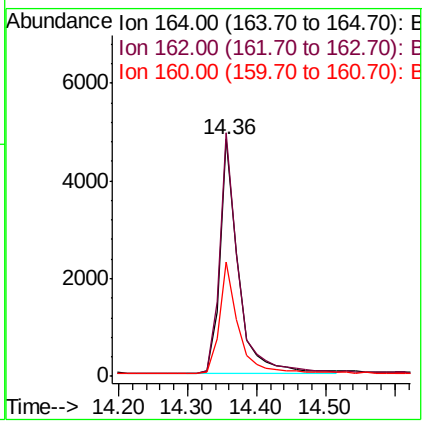


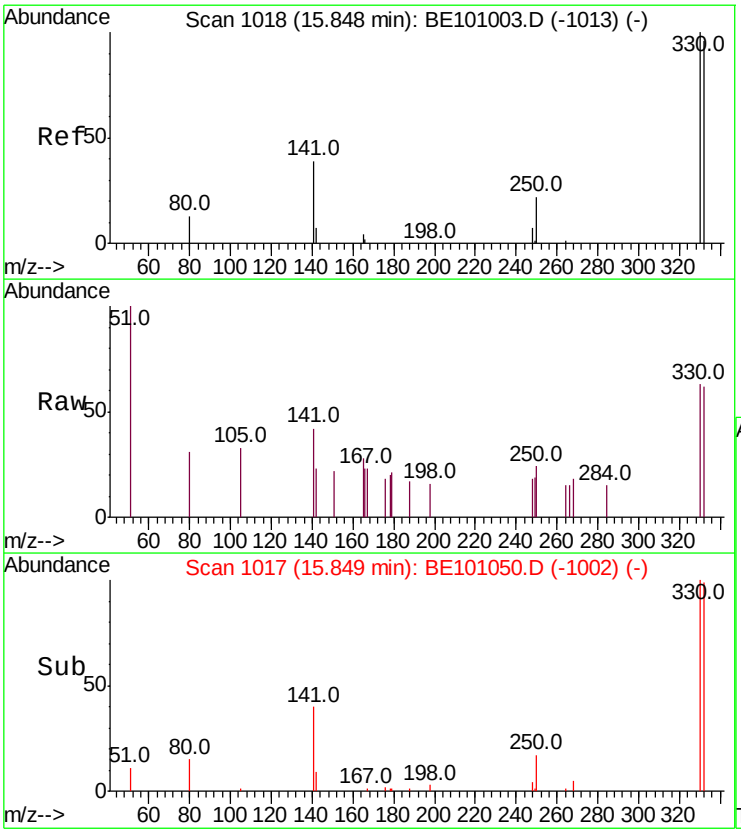
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8985

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.1	126.1
160	48.3	40.4	60.6

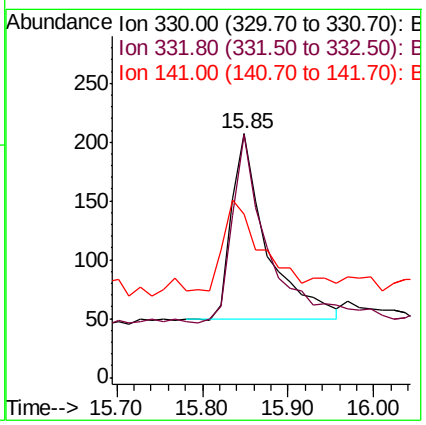


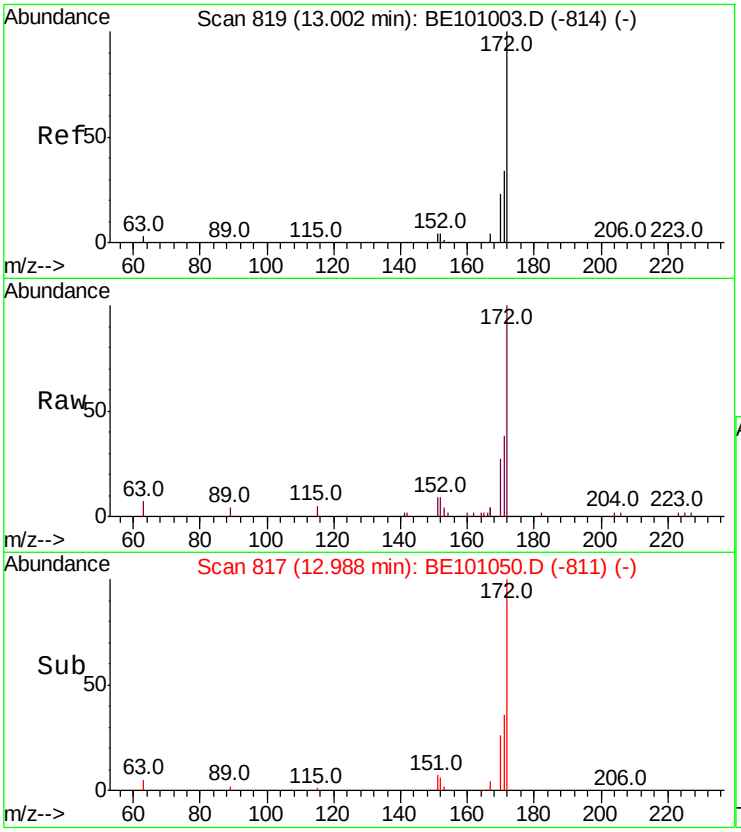


#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:330 Resp: 454

Ion	Ratio	Lower	Upper
330	100		
332	105.7	78.4	117.6
141	52.9	37.0	55.4



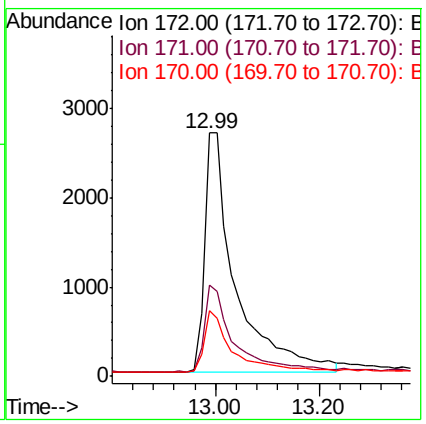


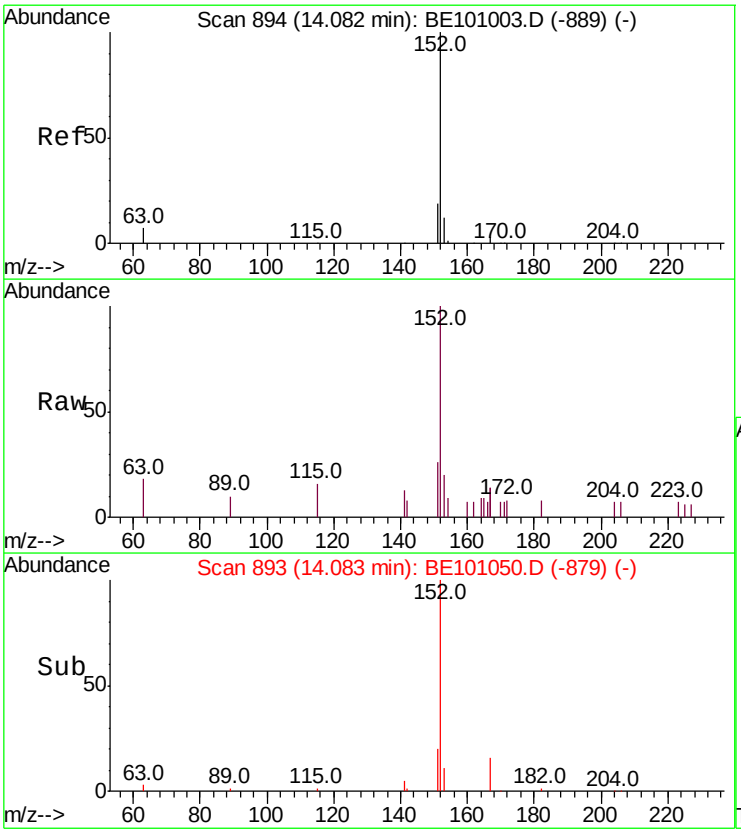
#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11148

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.2	42.2
170	26.8	18.9	28.3

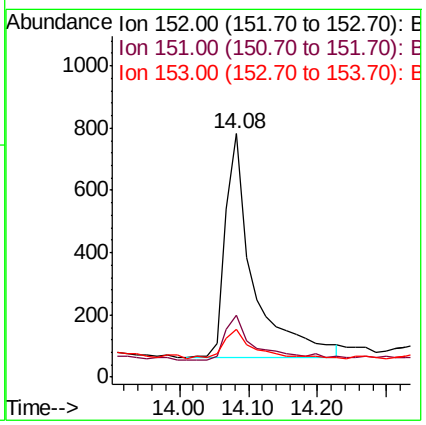


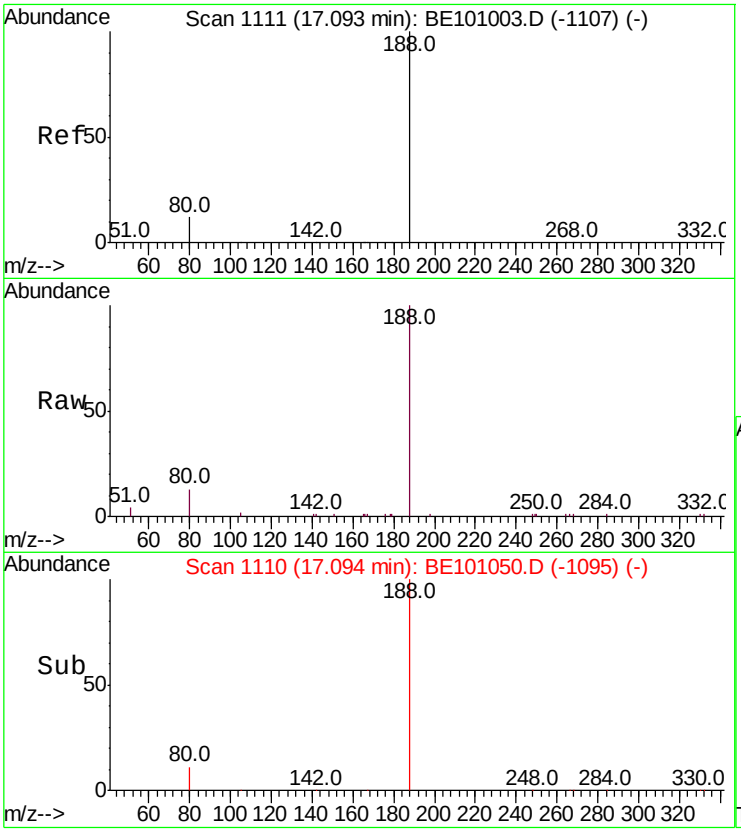


#16
Acenaphthylene
Concen: 0.055 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:152 Resp: 2008

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.5	23.3
153	13.8	10.4	15.6



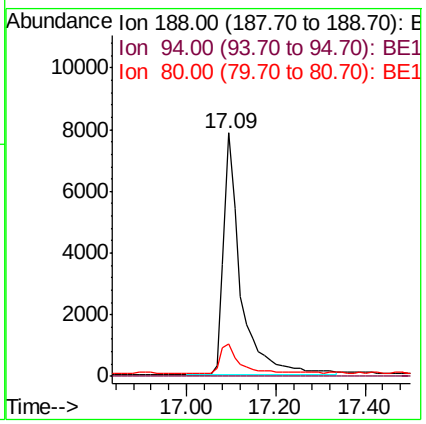


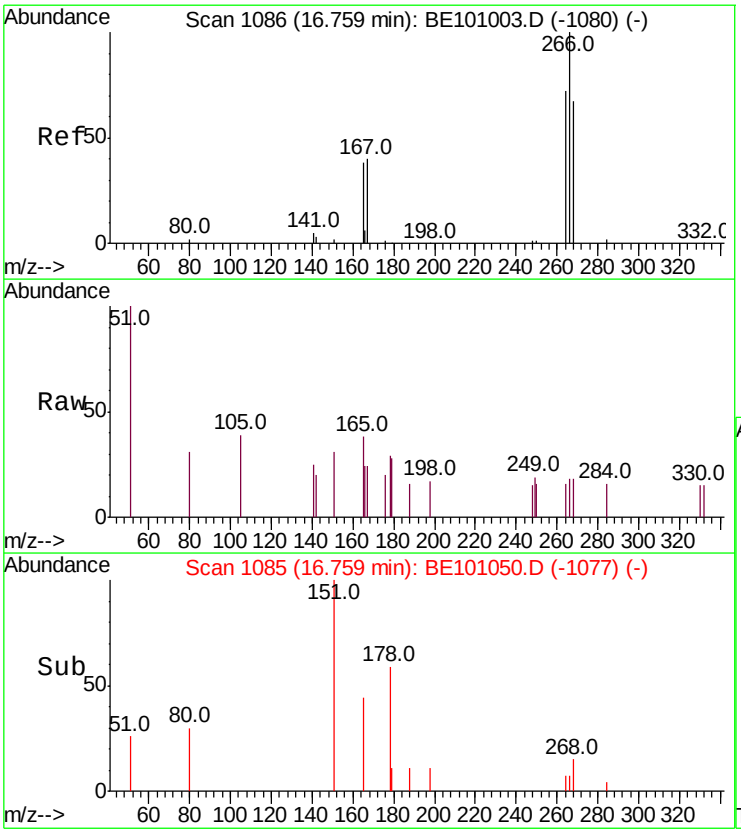
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 21140

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	10.8	16.2

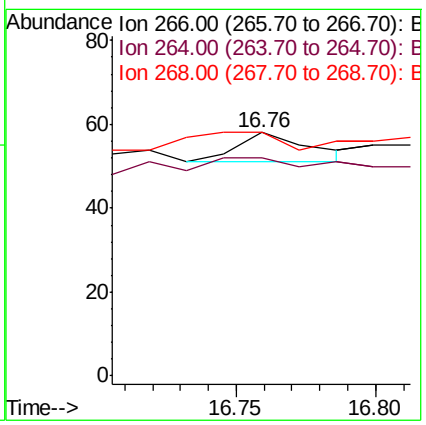


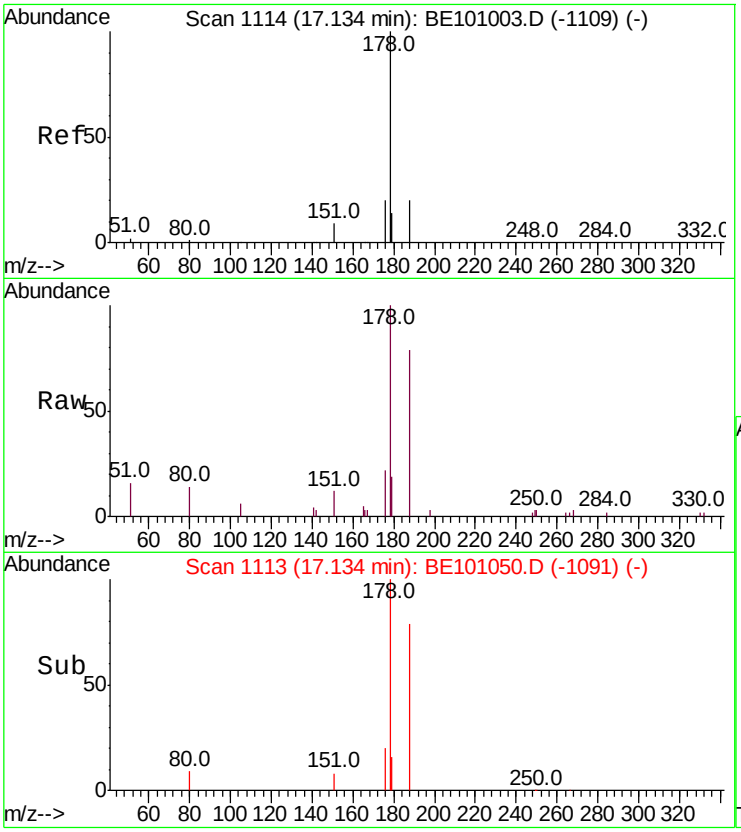


#22
Pentachlorophenol
Concen: 0.253 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	89.7	61.0	91.4
268	100.0	58.5	87.7#



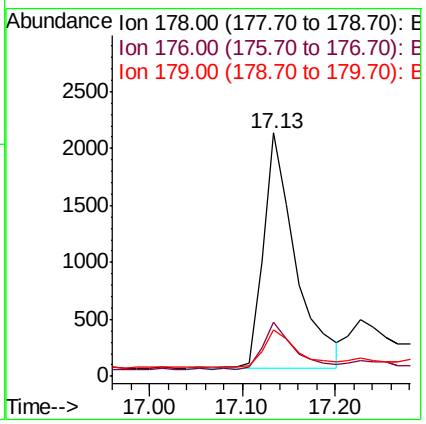


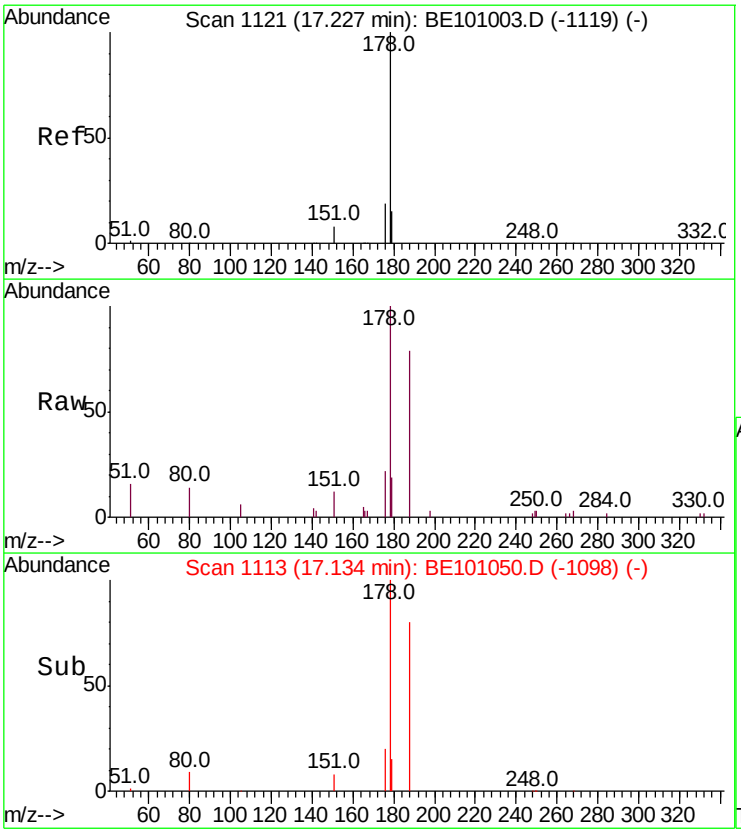
#23
Phenanthrene
Concen: 0.087 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5023

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	17.1	12.0	18.0

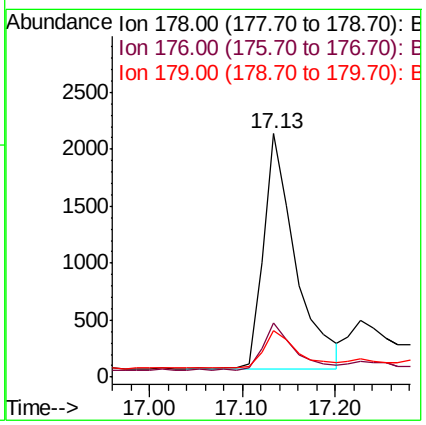


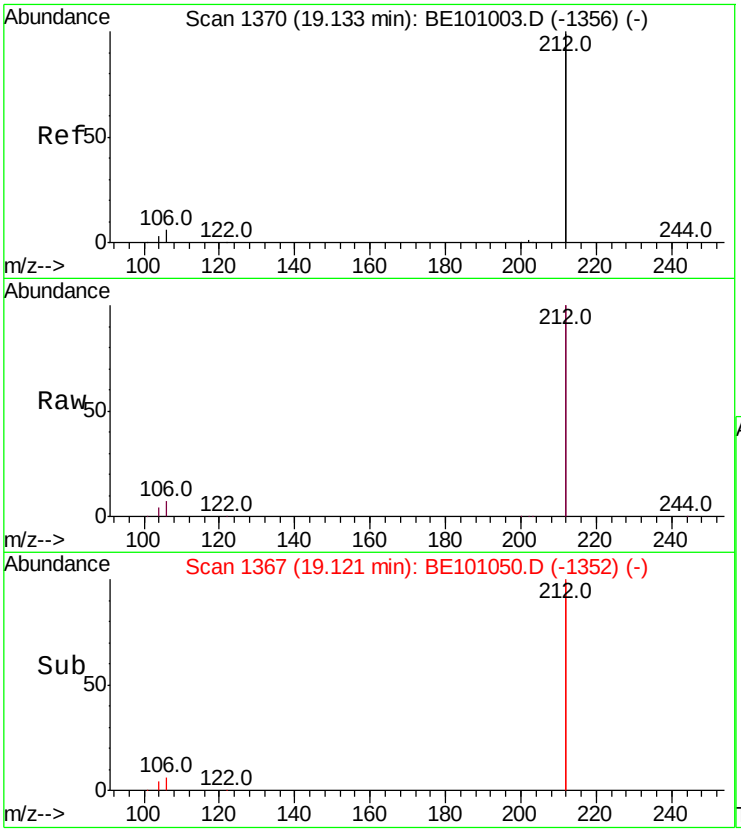


#24
Anthracene
Concen: 0.092 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.09 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:178 Resp: 5023

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	17.1	12.4	18.6



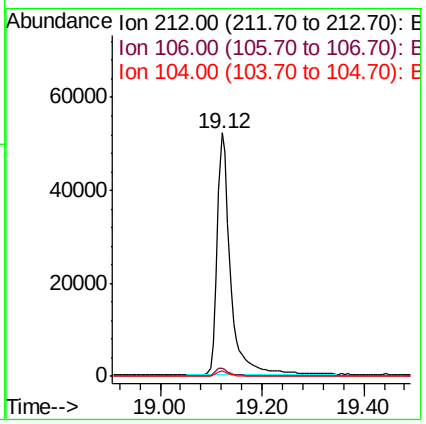


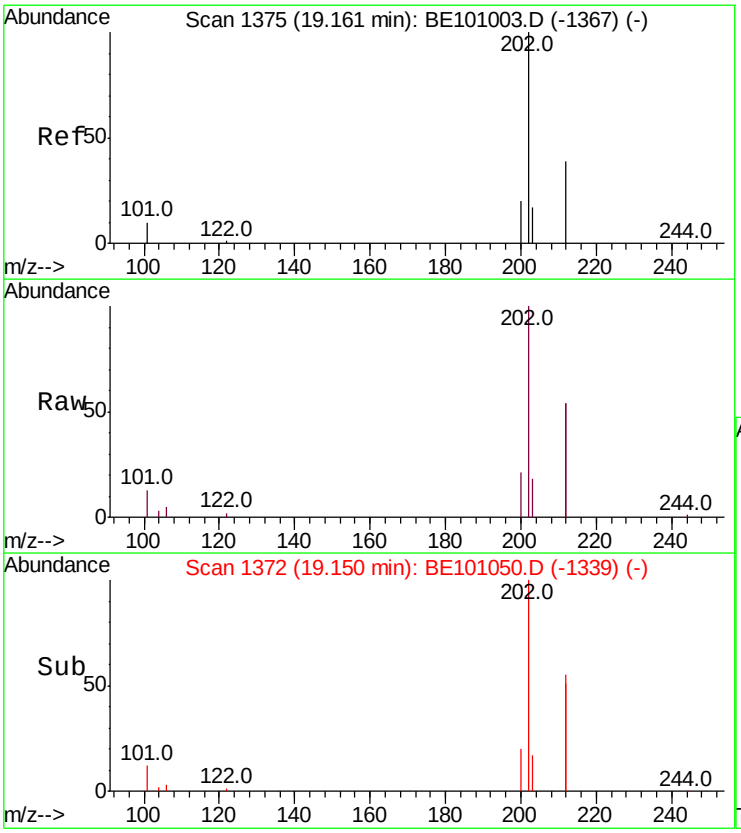
#25
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 95571

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.8	1.4	2.0

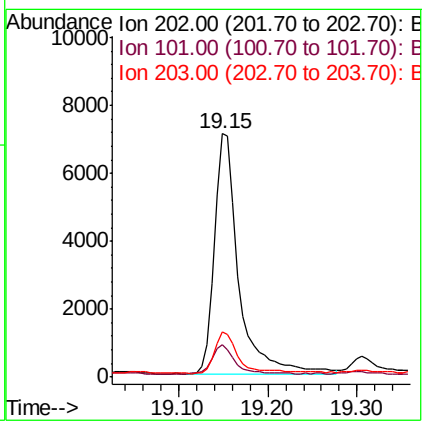


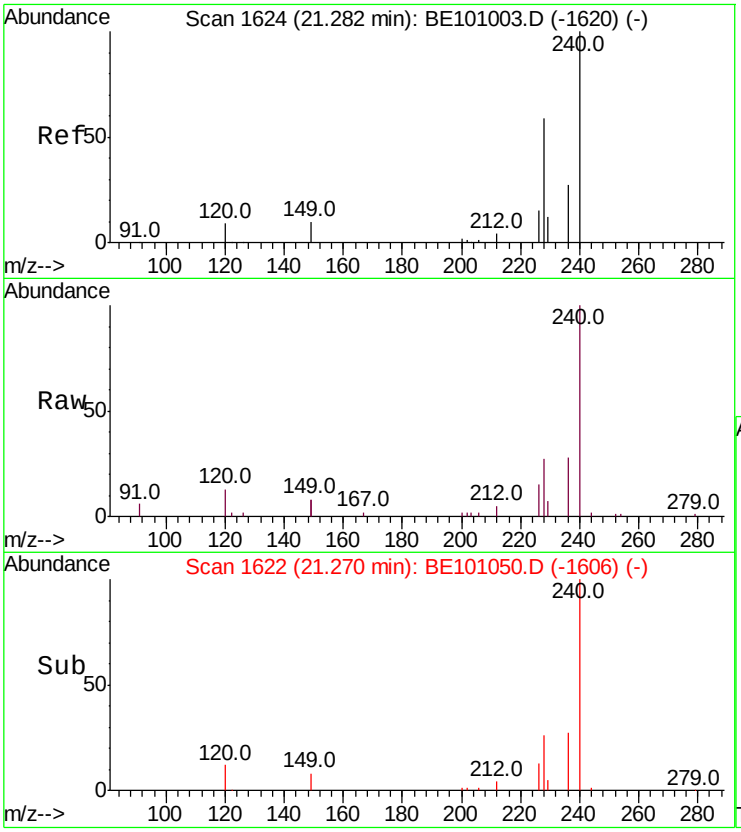


#26
Fluoranthene
Concen: 0.185 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:202 Resp: 13374

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.6	14.4
203	16.8	13.8	20.6



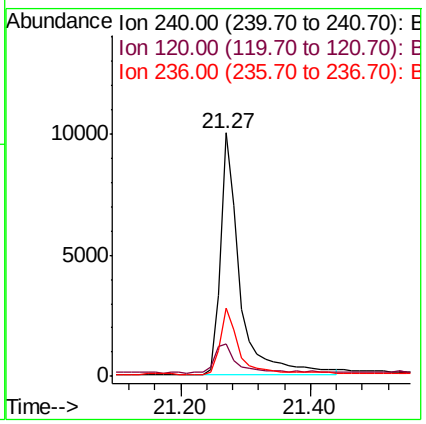


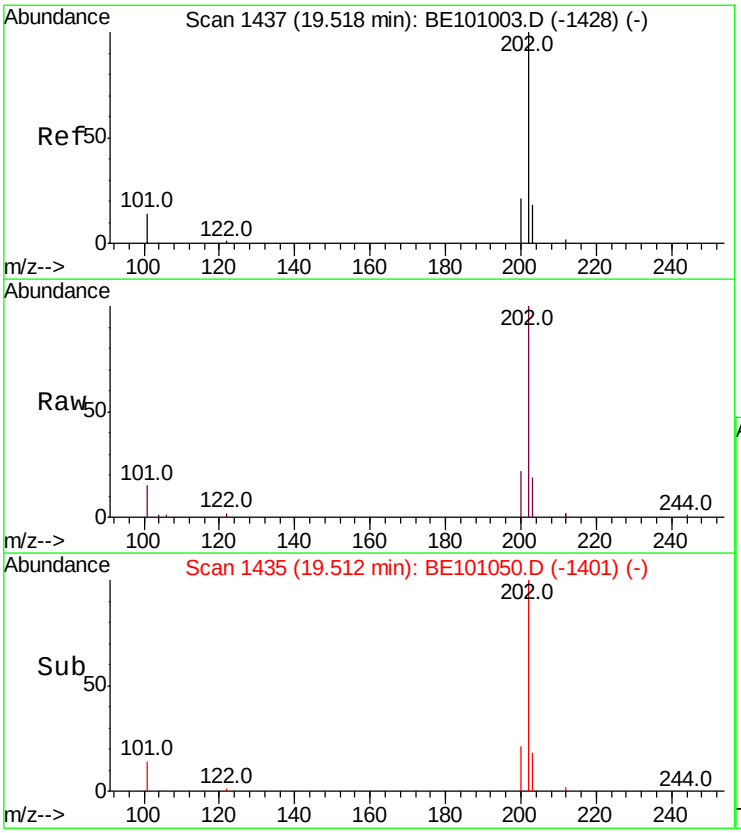
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 20938

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.6	13.0#
236	27.9	22.2	33.4

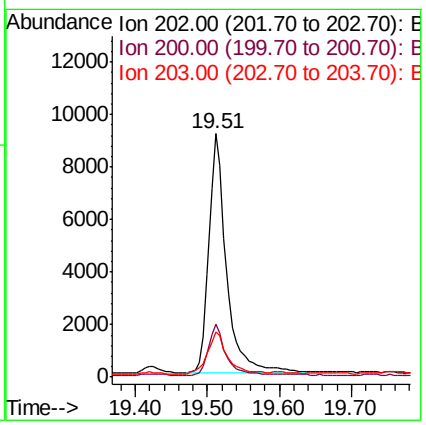


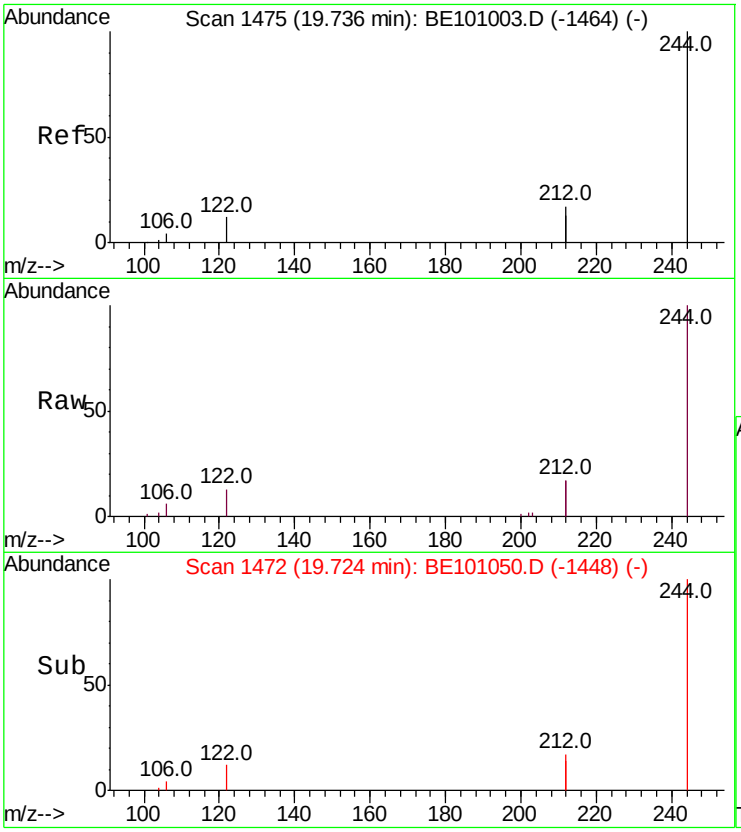


#28
Pyrene
Concen: 0.202 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:202 Resp: 15751

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	19.4	13.8	20.6



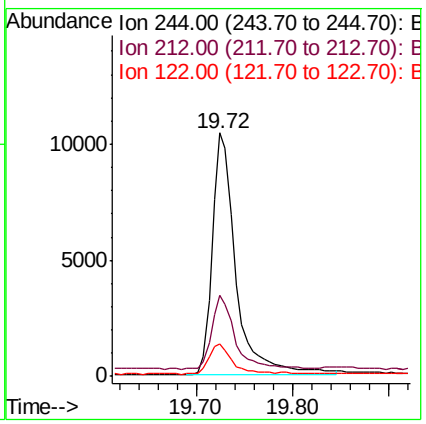


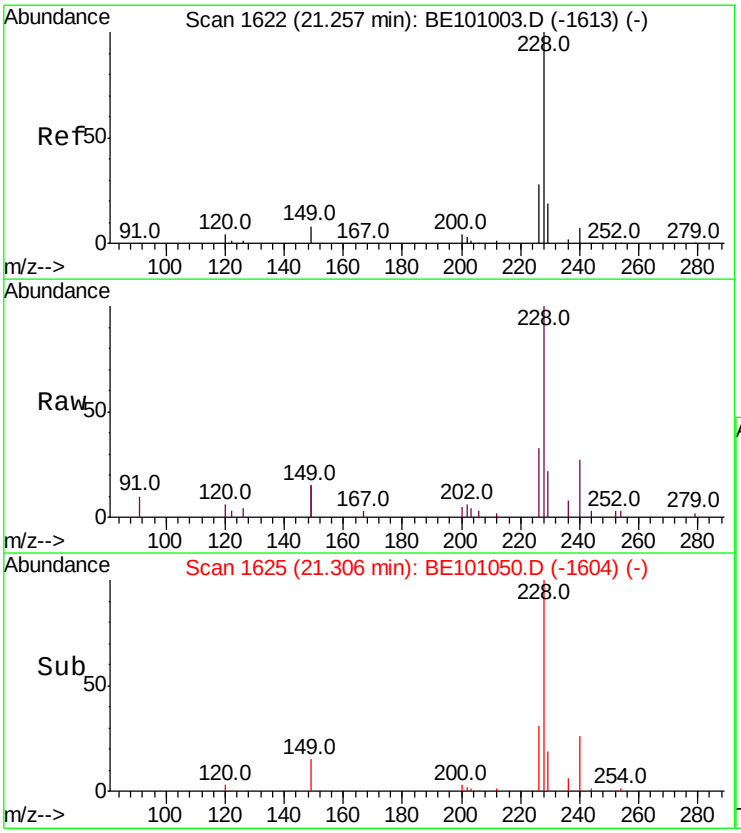
#29
Terphenyl-d14
Concen: 0.353 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 18122

Ion	Ratio	Lower	Upper
244	100		
212	33.5	27.2	40.8
122	13.2	9.8	14.8

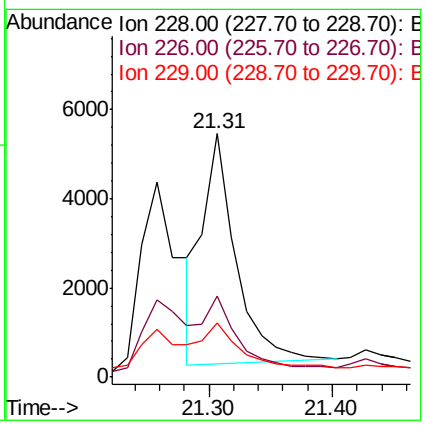


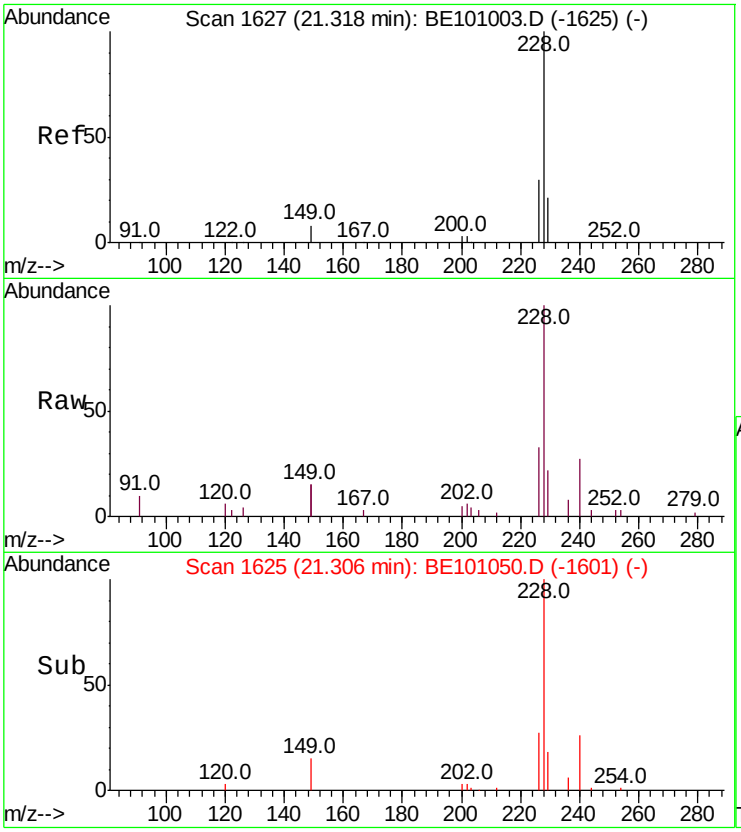


#30
Benzo(a)anthracene
Concen: 0.162 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.05 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:228 Resp: 9704

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.7	34.1
229	22.1	15.5	23.3



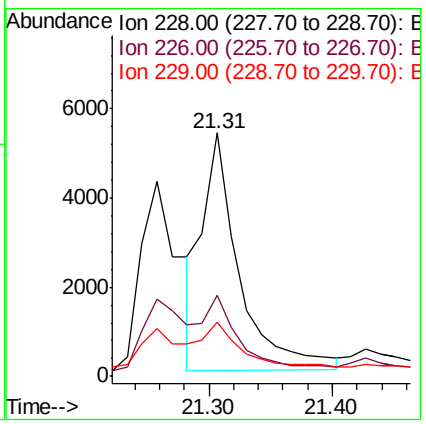


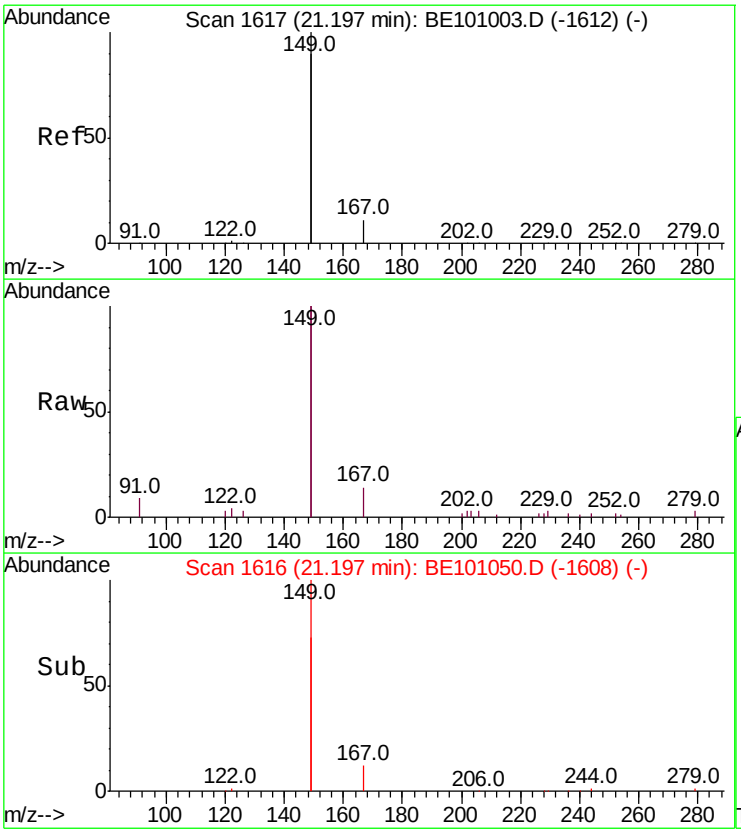
#31
Chrysene
Concen: 0.125 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11061

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.5	35.3
229	22.1	16.7	25.1

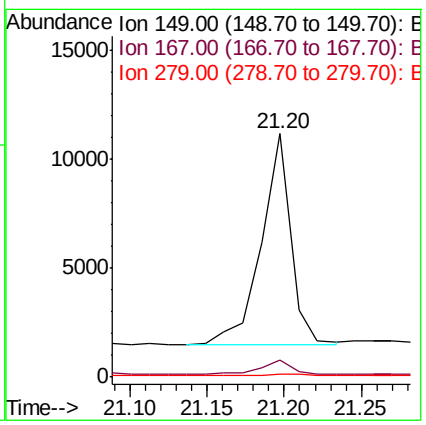


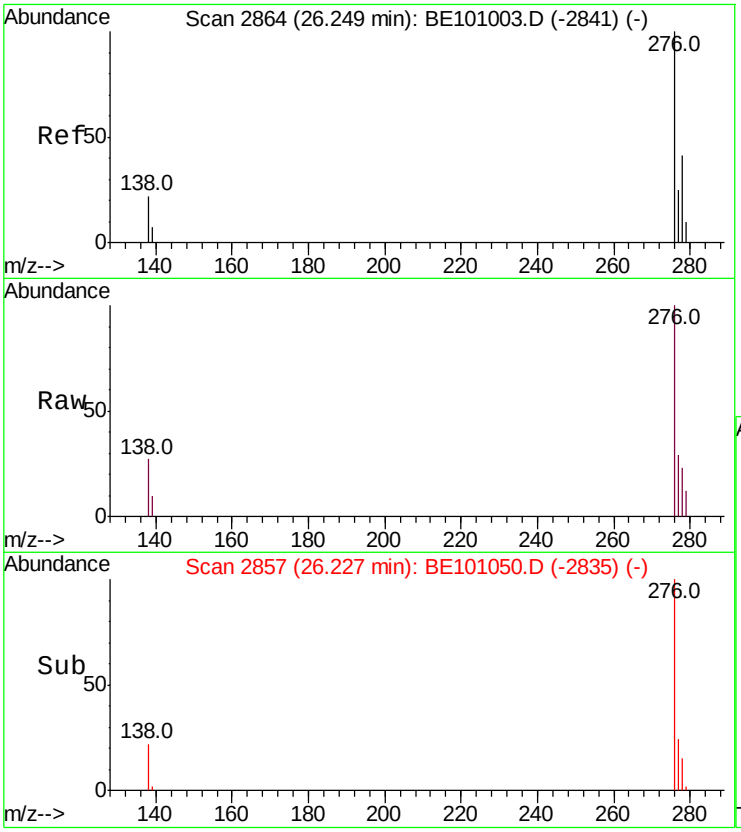


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.20 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:149 Resp: 12981

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.2	7.8
279	1.2	0.8	1.2



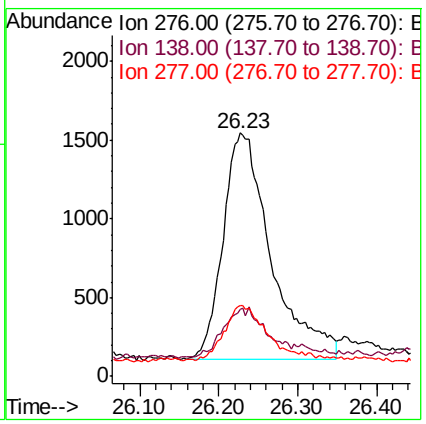


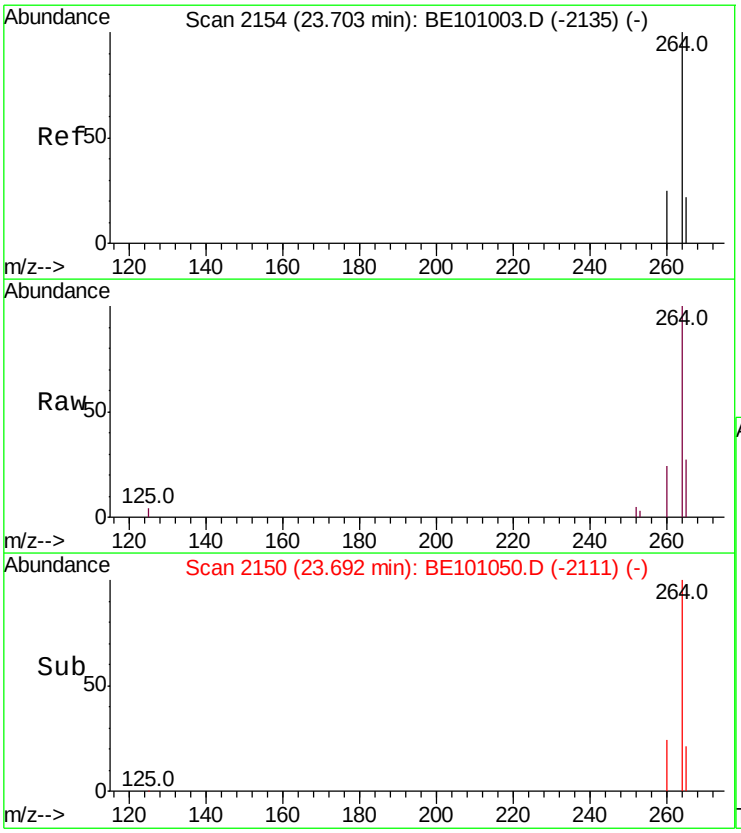
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6080

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.1	24.1
277	21.3	18.1	27.1

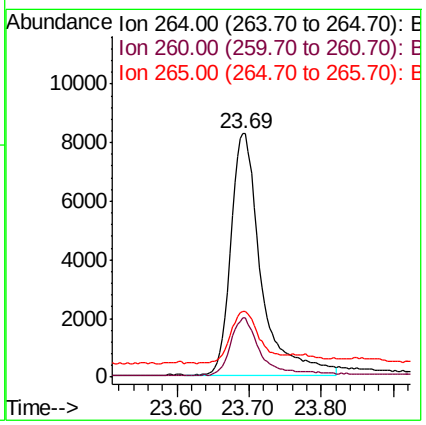


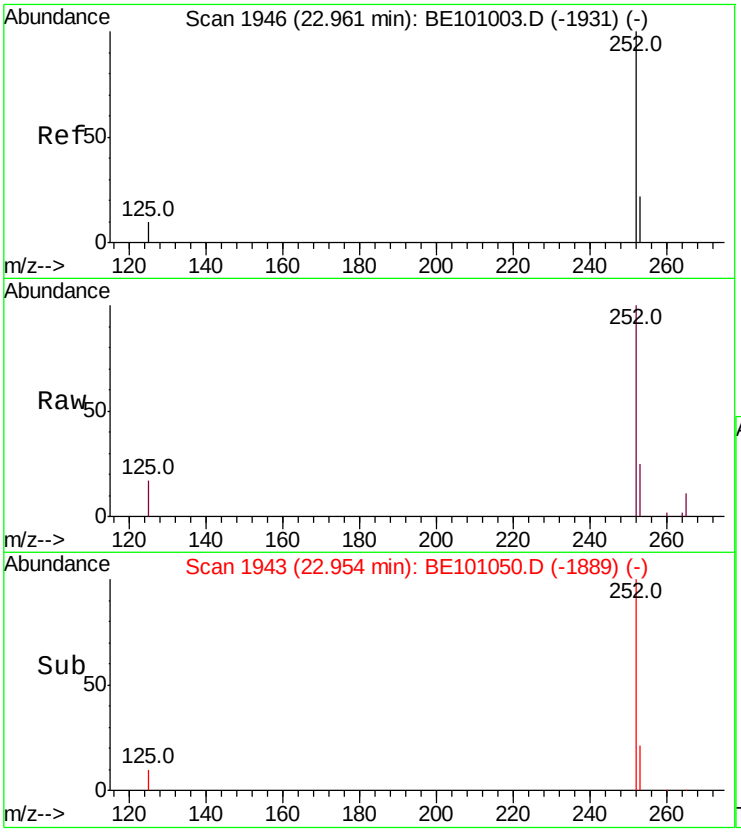


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:264 Resp: 23232

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.3	30.5
265	26.9	27.0	40.4#



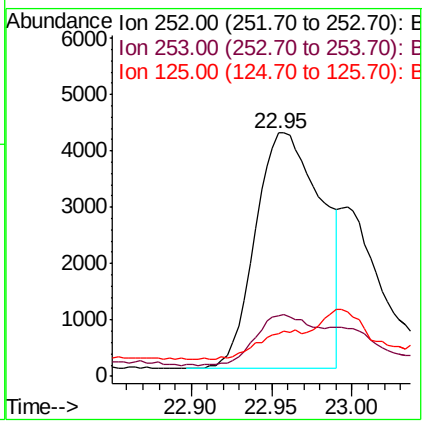


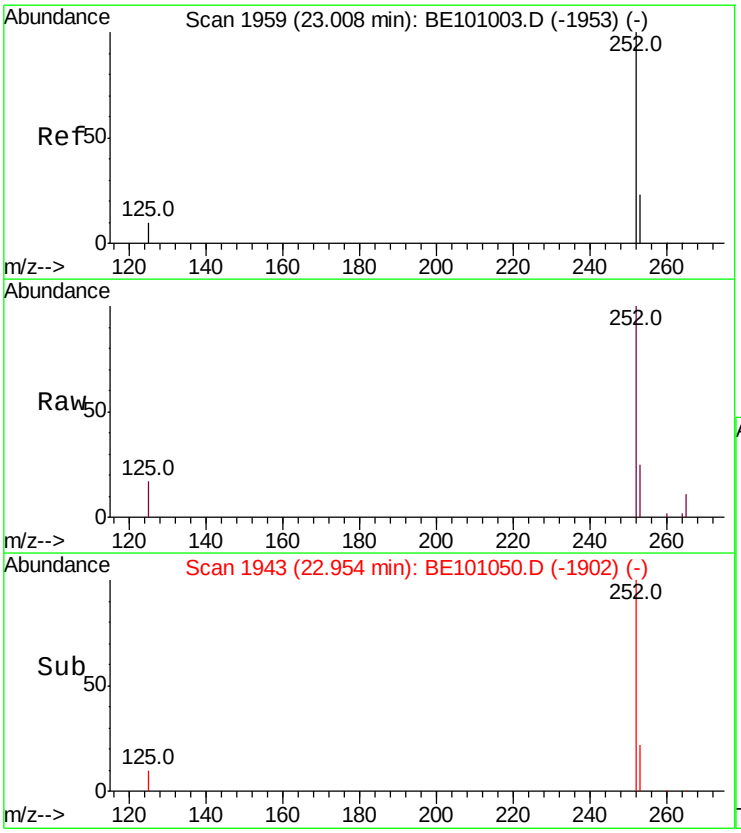
#35
Benzo(b)fluoranthene
Concen: 0.185 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12056

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.5	27.7
125	17.4	9.5	14.3#

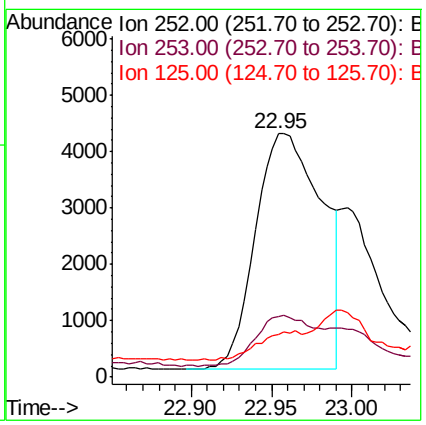


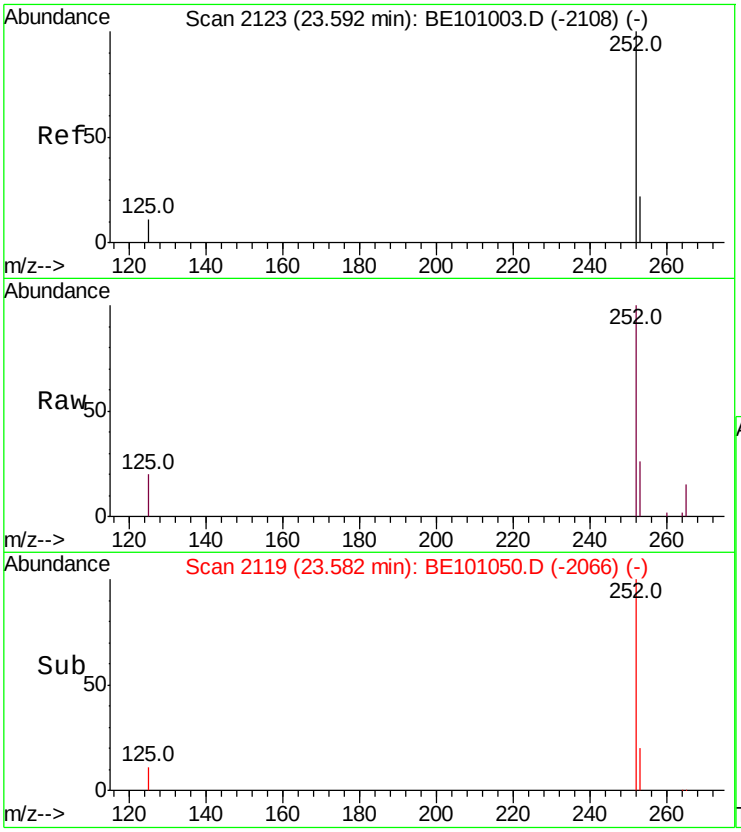


#36
Benzo(k)fluoranthene
Concen: 0.128 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:252 Resp: 12056

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	17.4	10.1	15.1#



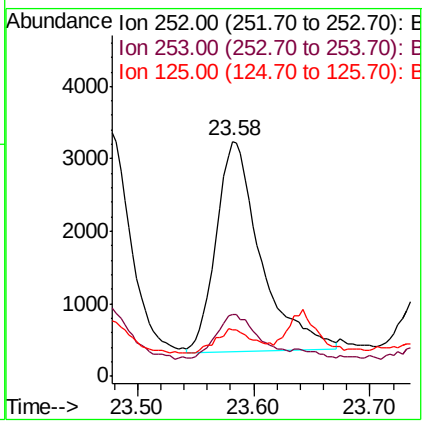


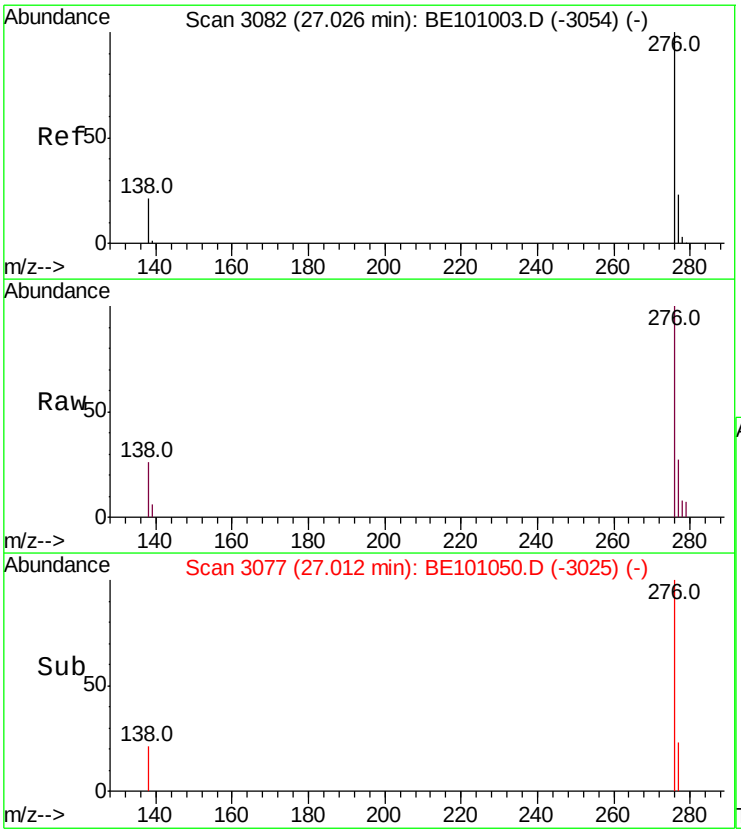
#37
Benzo(a)pyrene
Concen: 0.122 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7717

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.4	29.2
125	19.7	11.8	17.6#





#39
Benzo(g,h,i)perylene
Concen: 0.105 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BE101050.D
Acq: 14 Jan 2020 13:11

Tgt Ion:276 Resp: 7461

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.4	29.2
138	26.3	17.9	26.9