Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011620\

Quantitation Report (Not Reviewed)

Data File : BE101078.D
Acq On : 16 Jan 2020 16:38
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-26-(4-6)

Quant Time: Jan 17 07:45:47 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	3128	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	10013	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	7784	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	18487	0.40	ng		0.00
27) Chrysene-d12	21.27	240	20116	0.40	ng		-0.01
34) Perylene-d12	23.69	264	25188	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1764	0.25	ng		-0.01
5) Phenol-d6	6.91	99	1721	0.19	ng		-0.01
8) Nitrobenzene-d5	8.89	82	1618	0.23	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	3332	0.17	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	432	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	5512	0.19	ng		0.00
25) Fluoranthene-d10	19.12	212	58475	0.23	ng		-0.01
29) Terphenyl-d14	19.72	244	11129	0.23	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.55	128	6585	0.059	ng	#	92
16) Acenaphthylene	14.07	152	2338	0.074	ng		99
18) Fluorene	15.41	166	925	0.032	ng	#	90
22) Pentachlorophenol	16.76	266	3	0.251	ng	#	72
23) Phenanthrene	17.14	178	9690	0.192	ng		99
24) Anthracene	17.14	178	9690	0.203	ng		99
26) Fluoranthene	19.15	202	24589	0.389	ng		99
28) Pyrene	19.51	202	25020	0.334	ng		99
30) Benzo(a)anthracene	21.31	228	17059	0.297	ng		94
31) Chrysene	21.31	228	18787	0.220	ng		96
32) Bis(2-ethylhexyl)phthalate	21.20	149	9912	0.104	ng		98
33) Indeno(1,2,3-cd)pyrene	26.22	276	10441	0.155	ng		95
35) Benzo(b)fluoranthene	22.95	252	30555	0.433	ng	#	95
36) Benzo(k)fluoranthene	22.95	252	30555	0.298	ng	#	97
37) Benzo(a)pyrene	23.58	252	11621	0.170	ng	#	95
38) Dibenzo(a,h)anthracene	26.24	278	2159	0.034	ng	#	75
39) Benzo(g,h,i)perylene	27.01	276	11697	0.151	ng		97

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

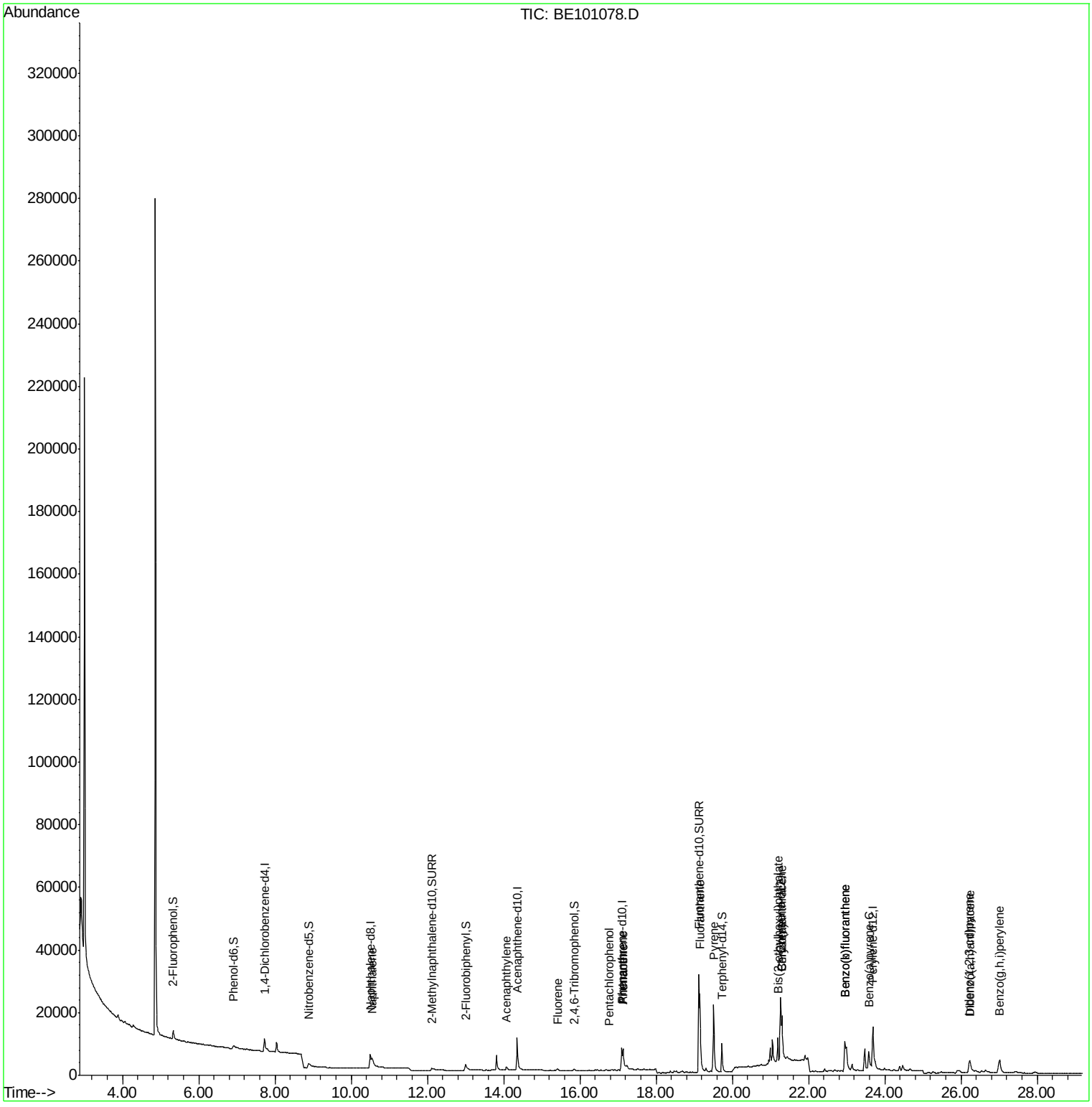
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011620\

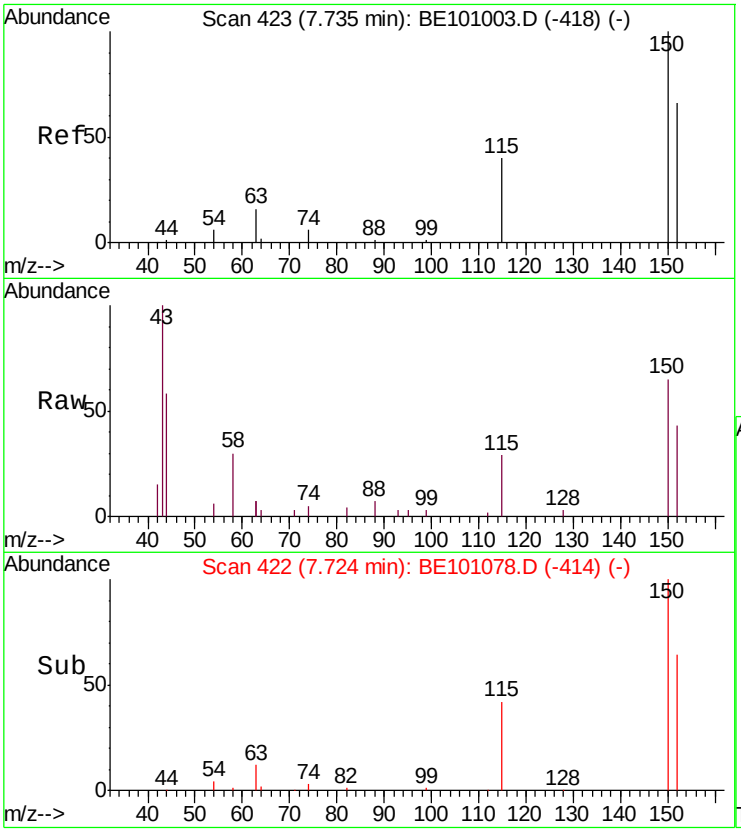
Quantitation Report (Not Reviewed)

Data File : BE101078.D
Acq On : 16 Jan 2020 16:38
Operator : JU
Sample : L1148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Quant Time: Jan 17 07:45:47 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



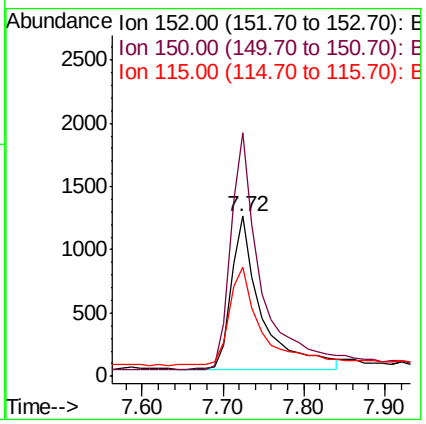


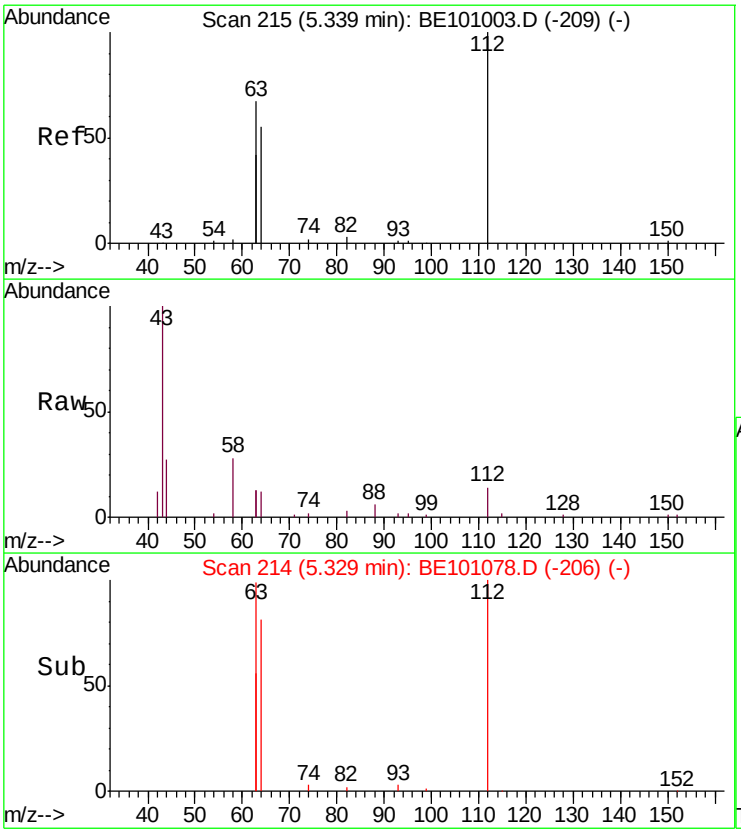
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:152 Resp: 3128

Ion	Ratio	Lower	Upper
152	100		
150	152.1	120.3	180.5
115	68.4	51.7	77.5

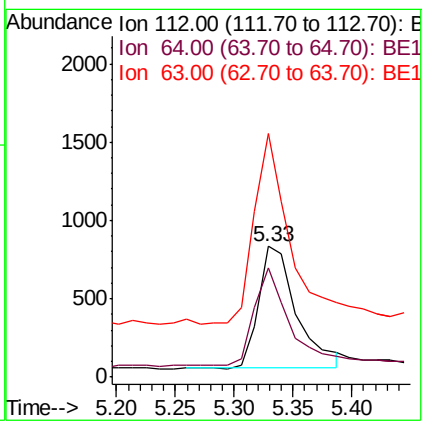


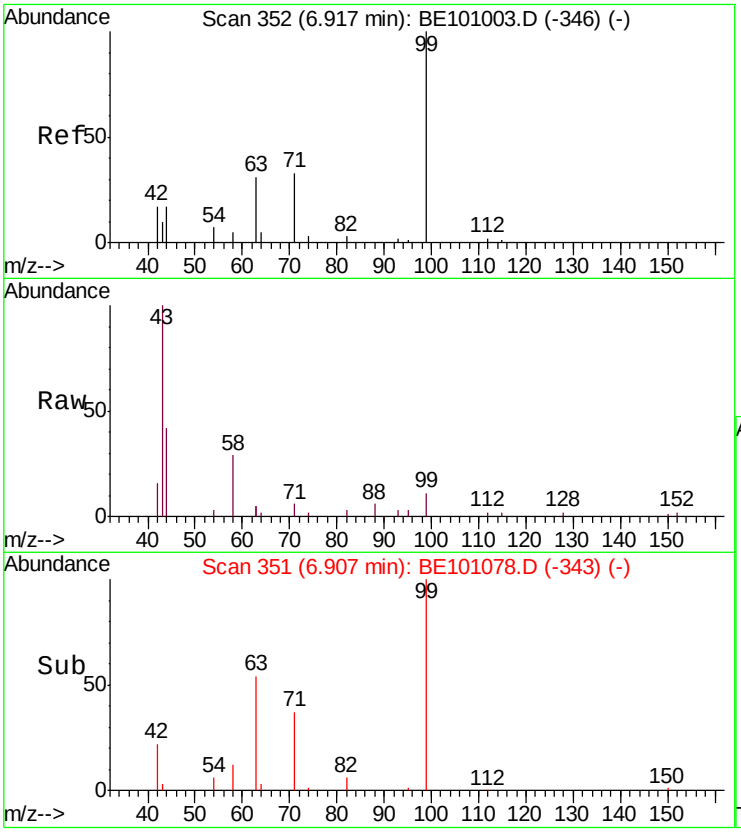


#4
2-Fluorophenol
Concen: 0.251 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:112 Resp: 1764

Ion	Ratio	Lower	Upper
112	100		
64	72.9	53.6	80.4
63	146.9	114.6	172.0



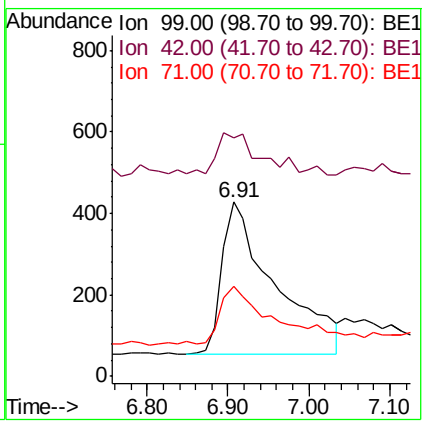


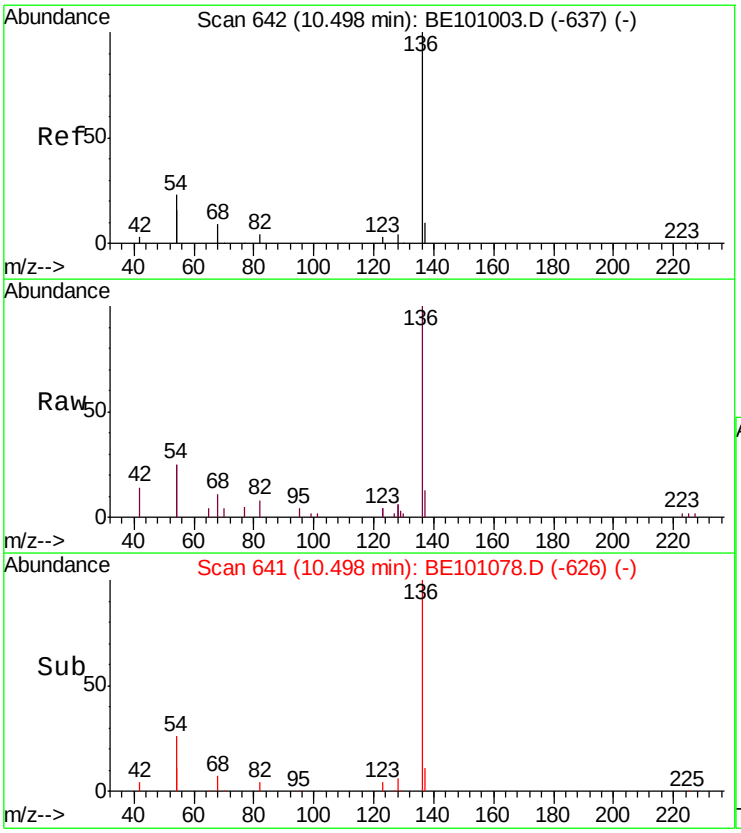
#5
Phenol-d6
Concen: 0.193 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion: 99 Resp: 1721

Ion	Ratio	Lower	Upper
99	100		
42	24.2	18.3	27.5
71	36.6	28.0	42.0

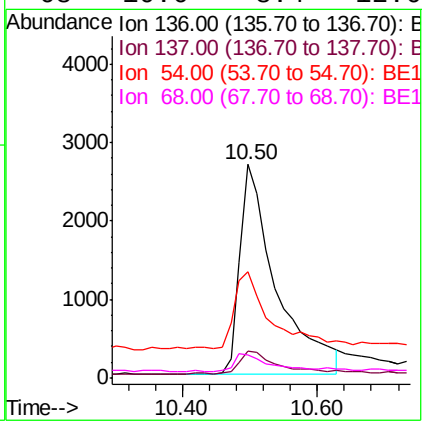


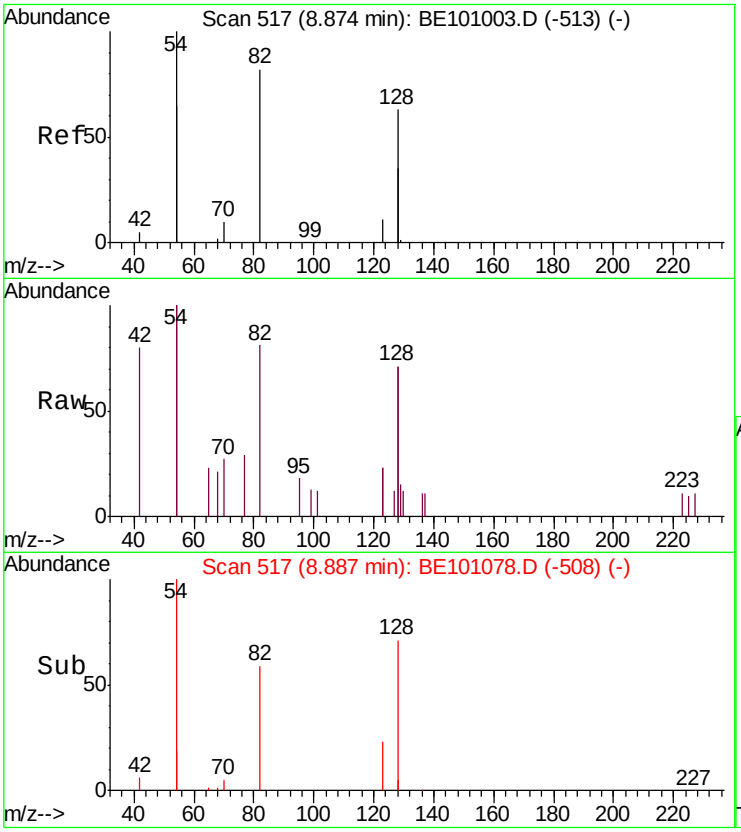


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:136 Resp: 10013

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.3	13.9
54	50.0	36.8	55.2
68	10.6	8.4	12.6



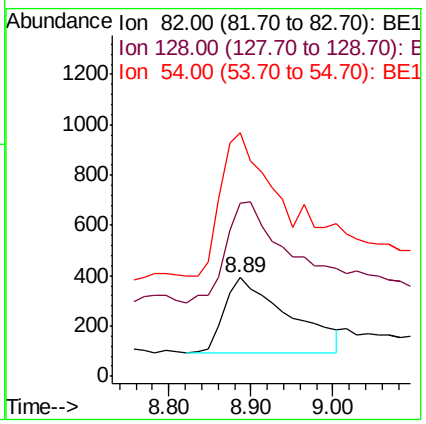


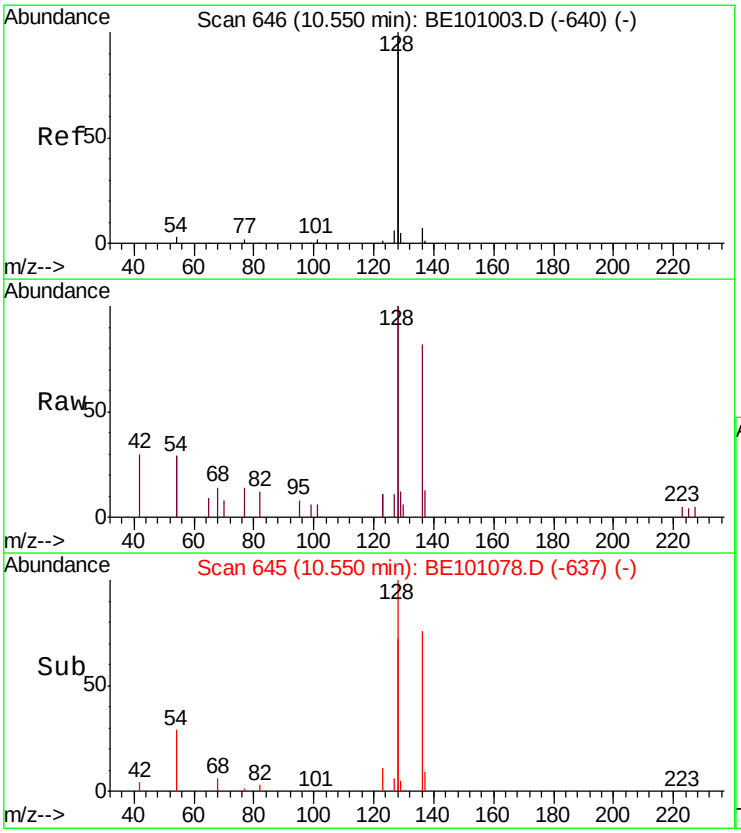
#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 8.89 min Scan# 517
Delta R.T. 0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion: 82 Resp: 1618

Ion	Ratio	Lower	Upper
82	100		
128	176.0	109.8	164.6#
54	247.6	174.5	261.7

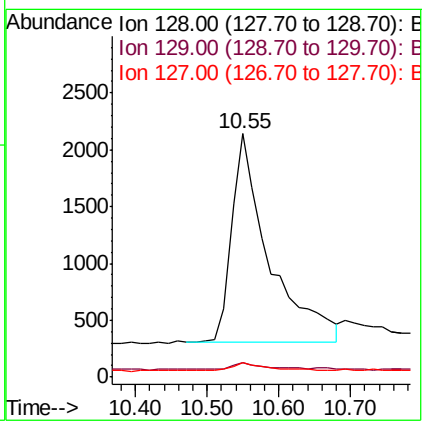


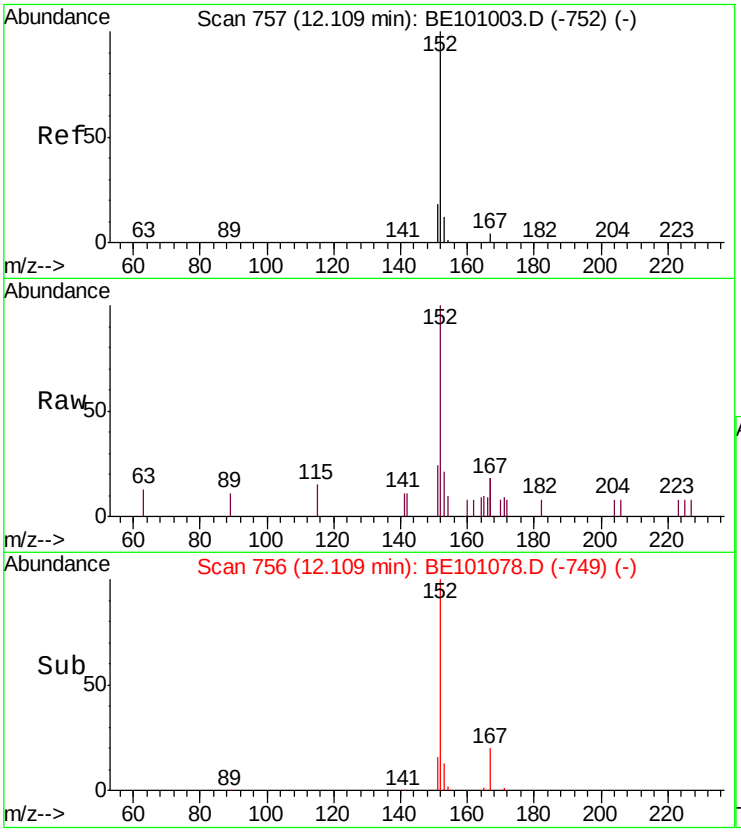


#9
Naphthalene
Concen: 0.059 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:128 Resp: 6585

Ion	Ratio	Lower	Upper
128	100		
129	5.9	2.3	3.5#
127	5.7	2.7	4.1#



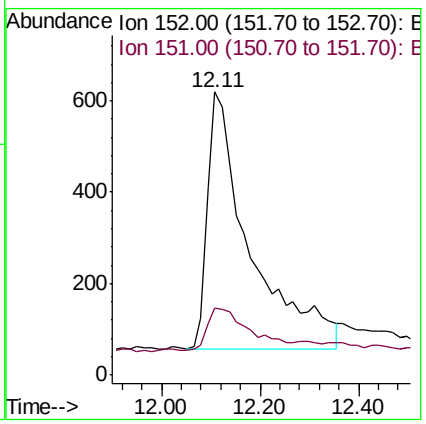


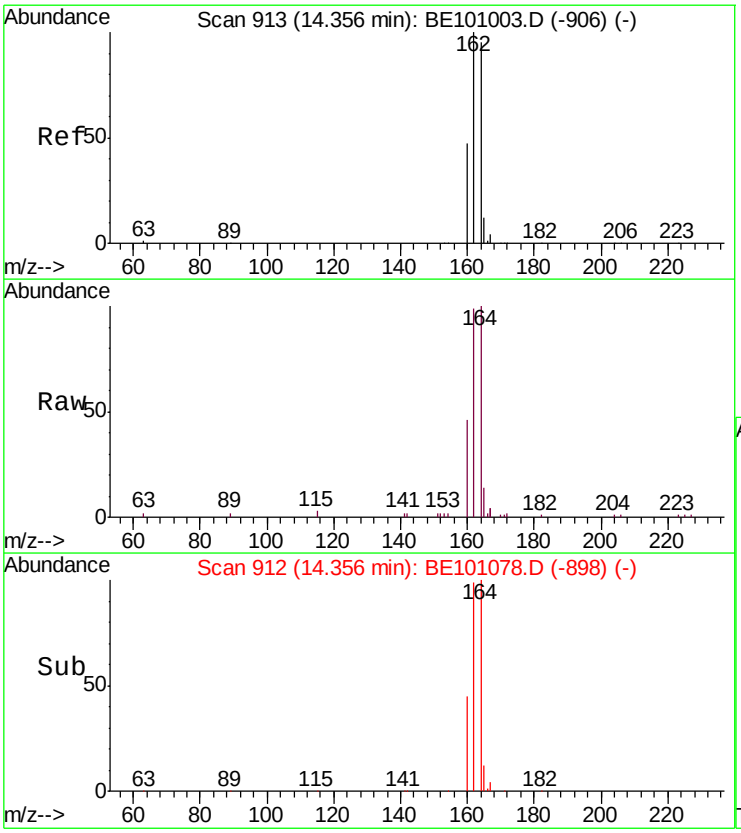
#11
2-Methylnaphthalene-d10
Concen: 0.174 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:152 Resp: 3332

Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.0	22.6

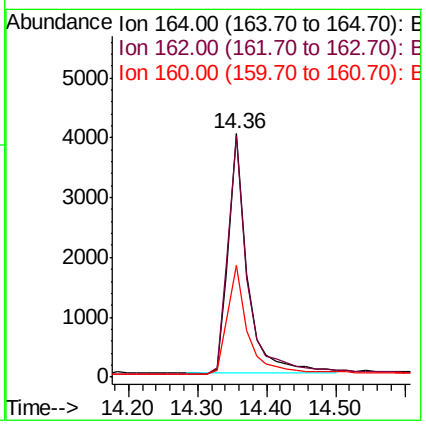


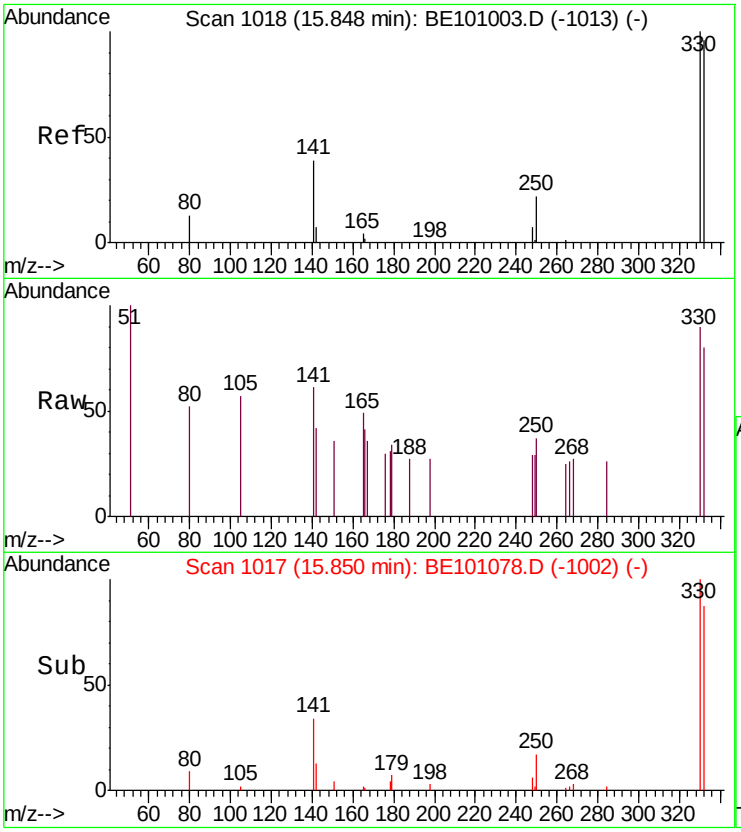


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:164 Resp: 7784

Ion	Ratio	Lower	Upper
164	100		
162	98.8	84.1	126.1
160	45.7	40.4	60.6



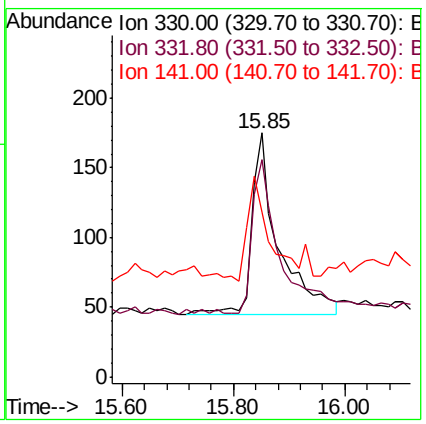


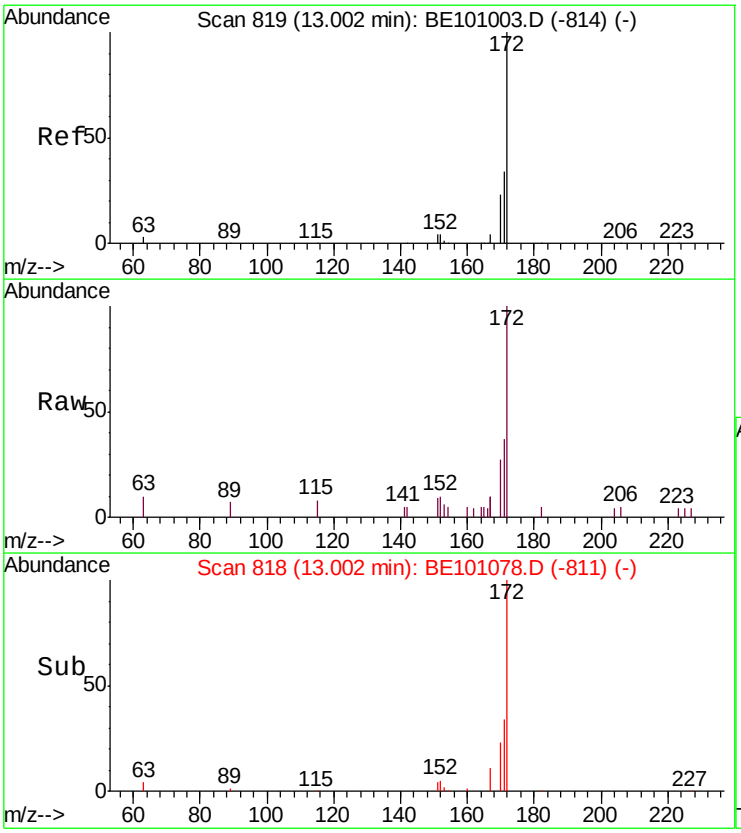
#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:330 Resp: 432

Ion	Ratio	Lower	Upper
330	100		
332	87.3	78.4	117.6
141	48.6	37.0	55.4

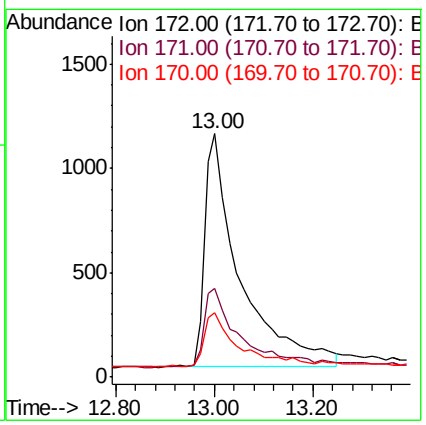


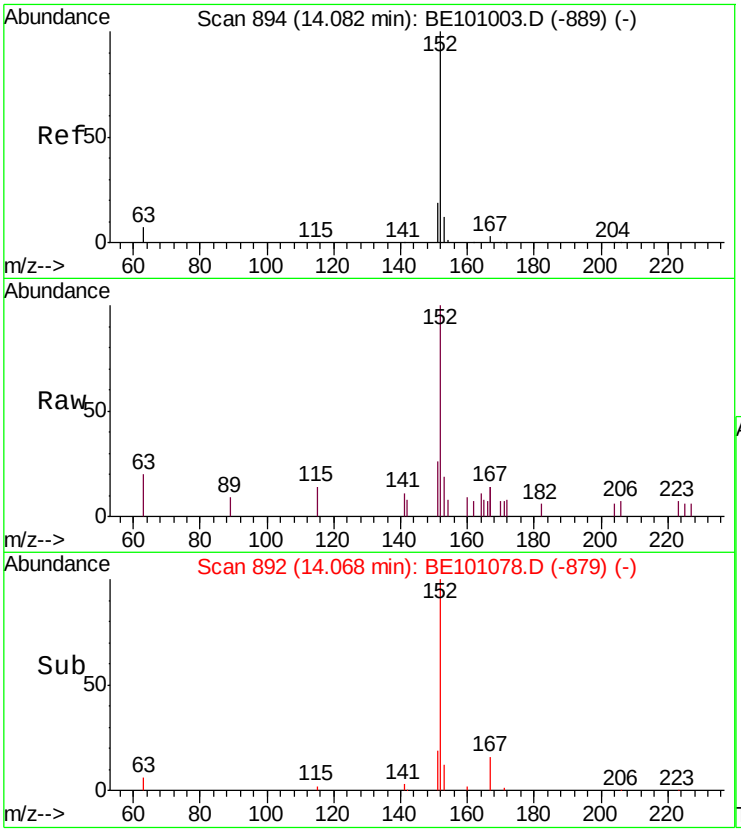


#15
2-Fluorobiphenyl
Concen: 0.186 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:172 Resp: 5512

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.2
170	26.6	18.9	28.3



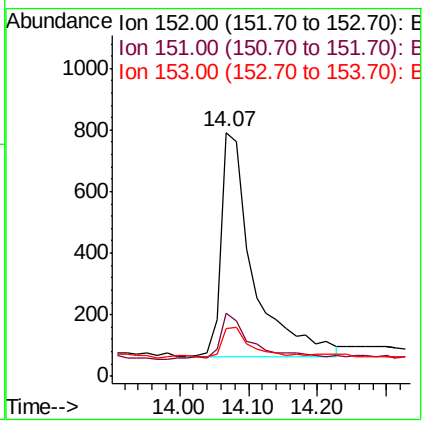


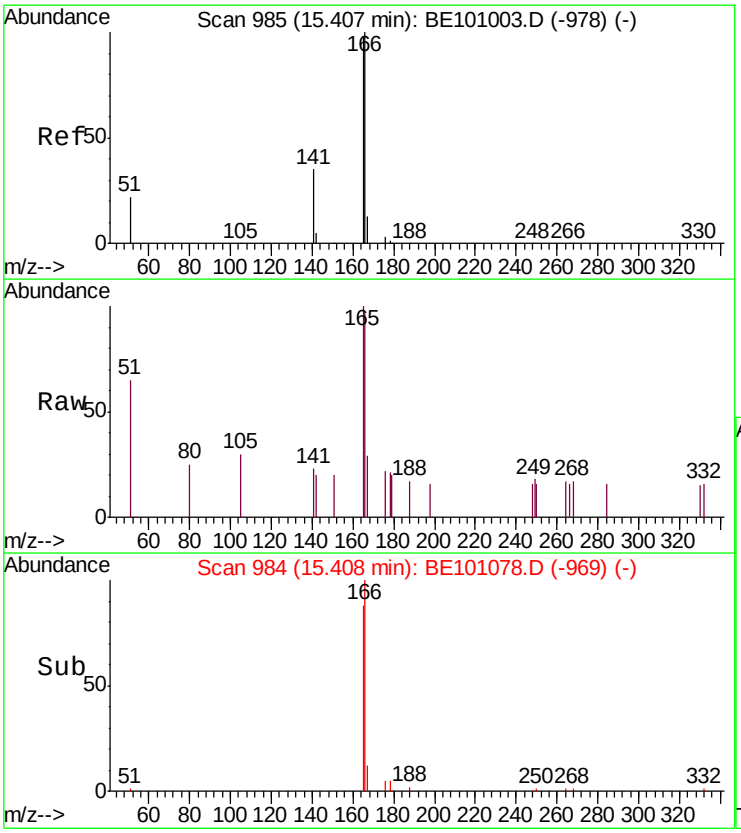
#16
Acenaphthylene
Concen: 0.074 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:152 Resp: 2338

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.0	10.4	15.6

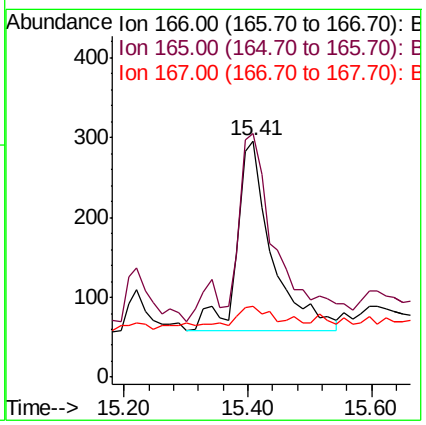


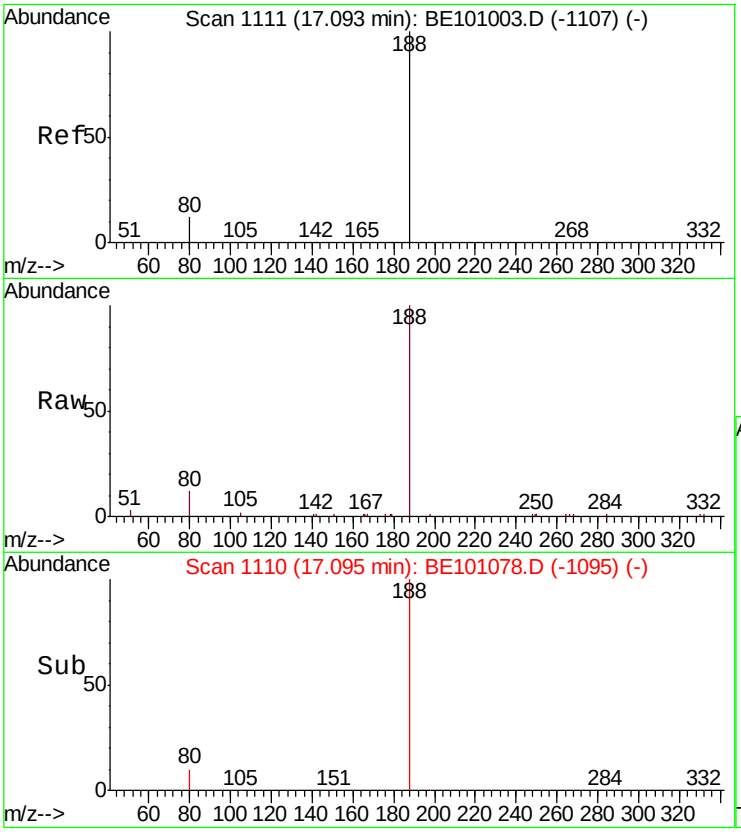


#18
Fluorene
Concen: 0.032 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:166 Resp: 925

Ion	Ratio	Lower	Upper
166	100		
165	89.7	79.8	119.8
167	10.8	11.0	16.6#



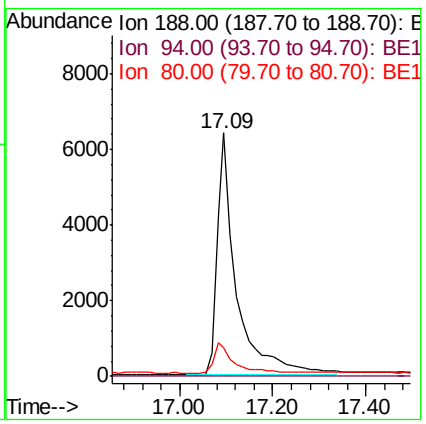


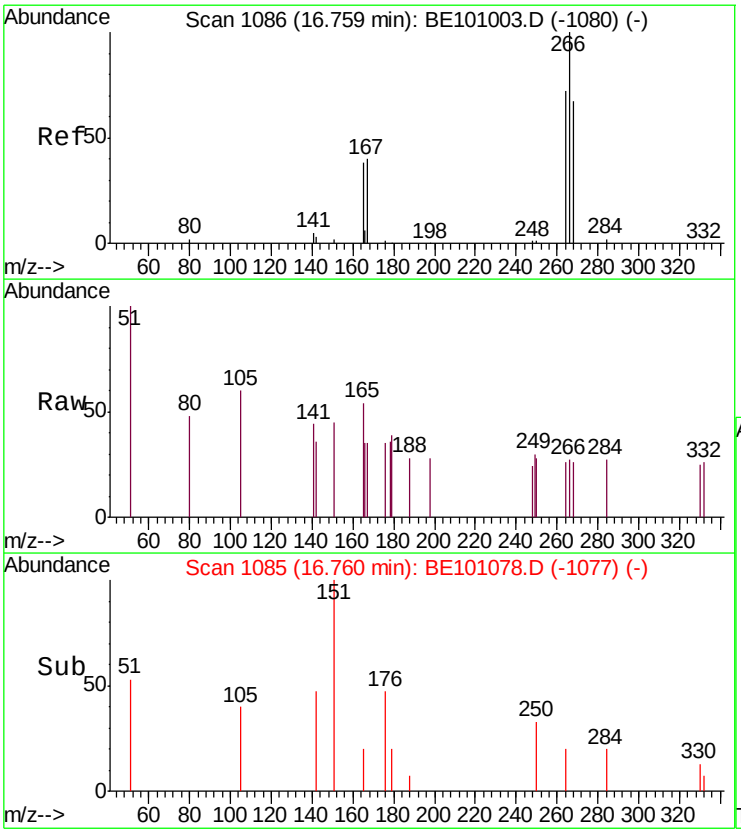
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:188 Resp: 18487

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	10.8	16.2

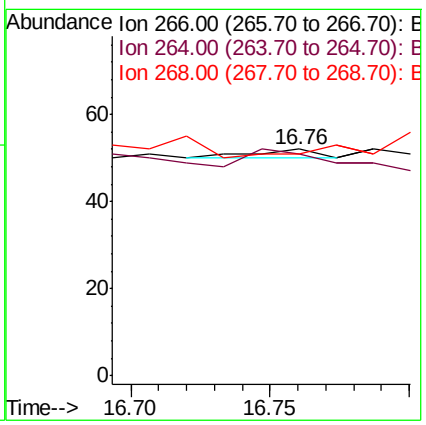


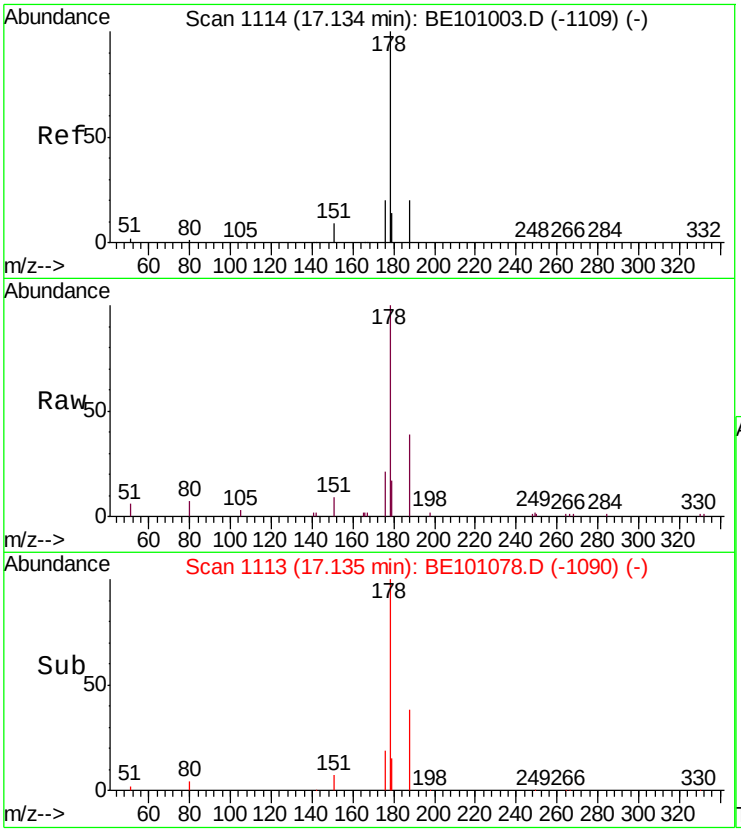


#22
Pentachlorophenol
Concen: 0.251 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	98.1	61.0	91.4#
268	98.1	58.5	87.7#



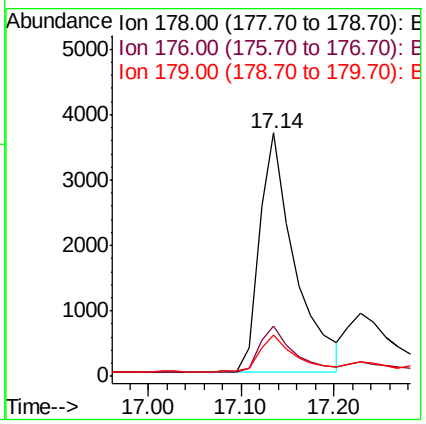


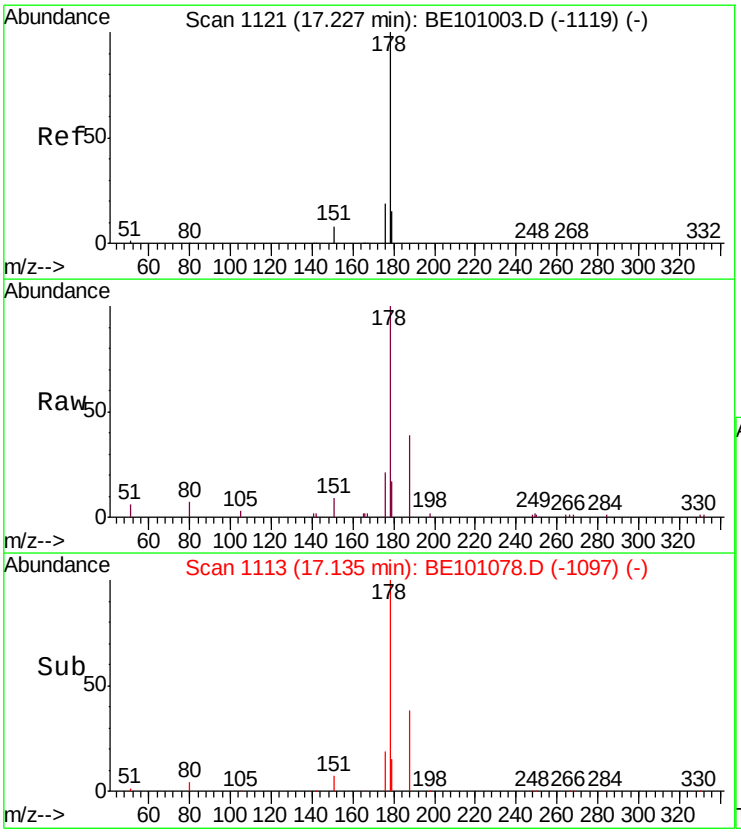
#23
Phenanthrene
Concen: 0.192 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:178 Resp: 9690

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.5	12.0	18.0

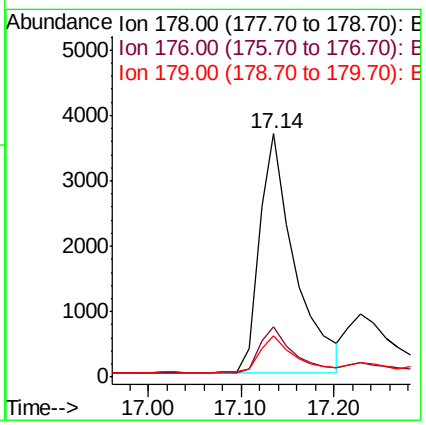


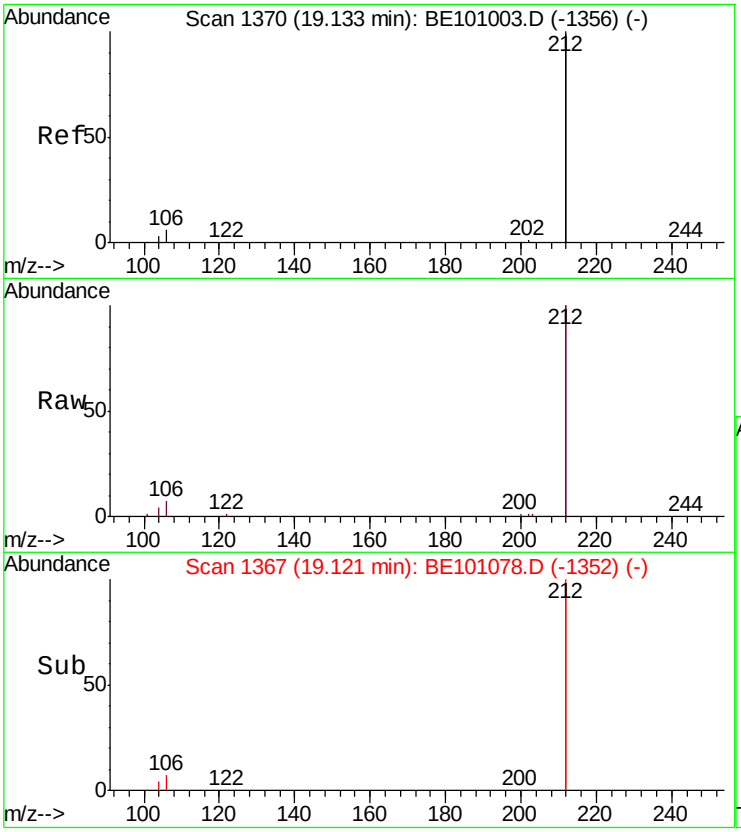


#24
Anthracene
Concen: 0.203 ng
RT: 17.14 min Scan# 1113
Delta R.T. -0.09 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:178 Resp: 9690

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.8	22.2
179	15.5	12.4	18.6



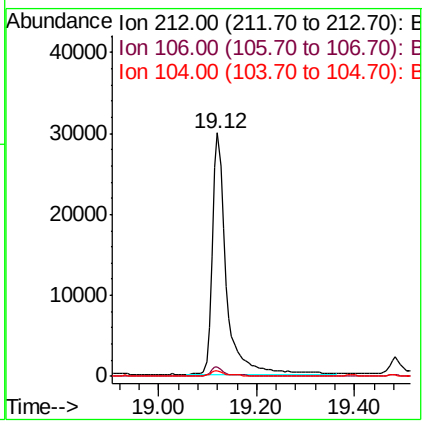


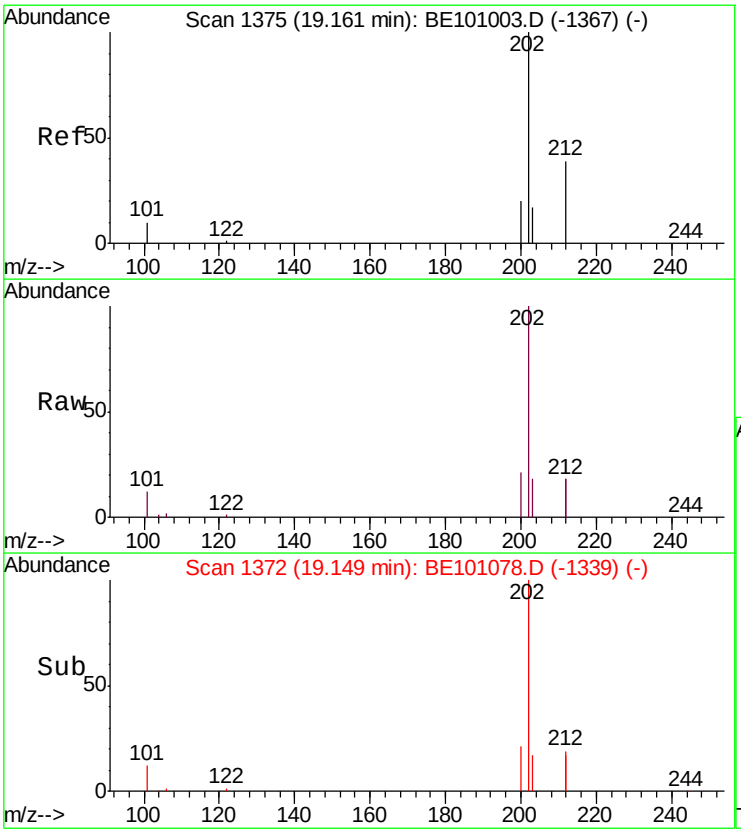
#25
Fluoranthene-d10
Concen: 0.228 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:212 Resp: 58475

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.6	3.8
104	2.0	1.4	2.0

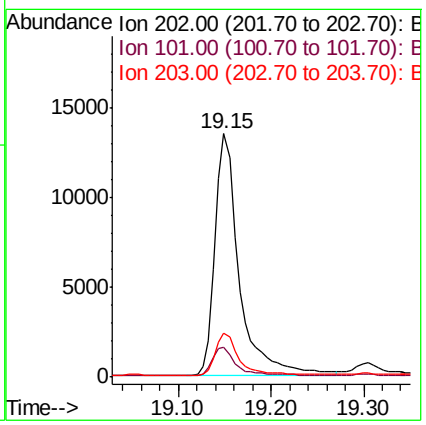


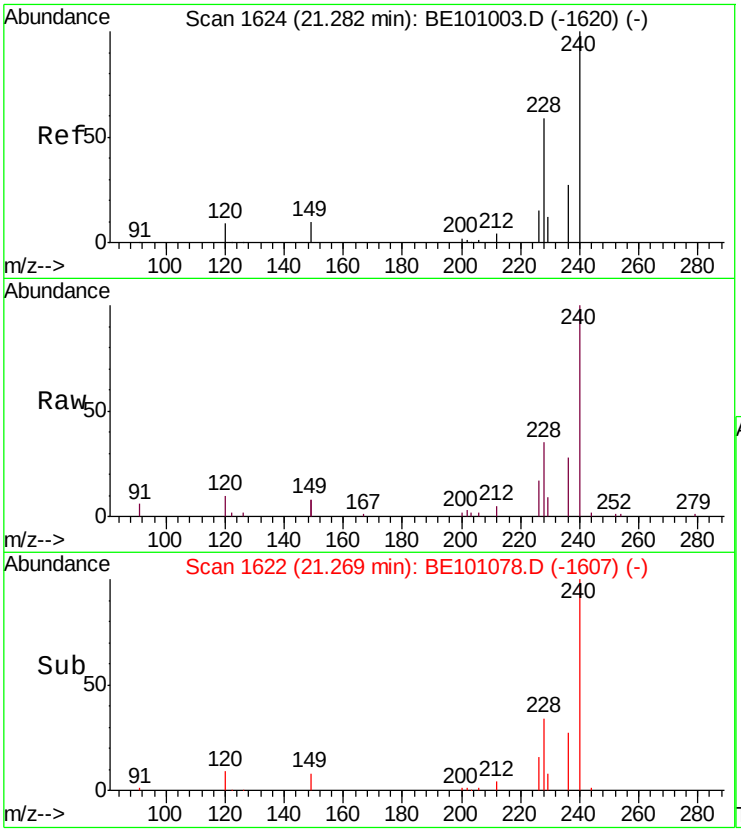


#26
Fluoranthene
Concen: 0.389 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:202 Resp: 24589

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	17.6	13.8	20.6



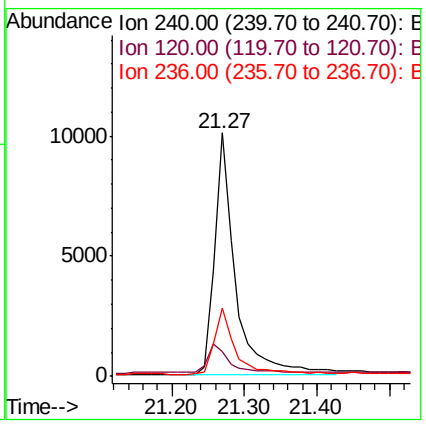


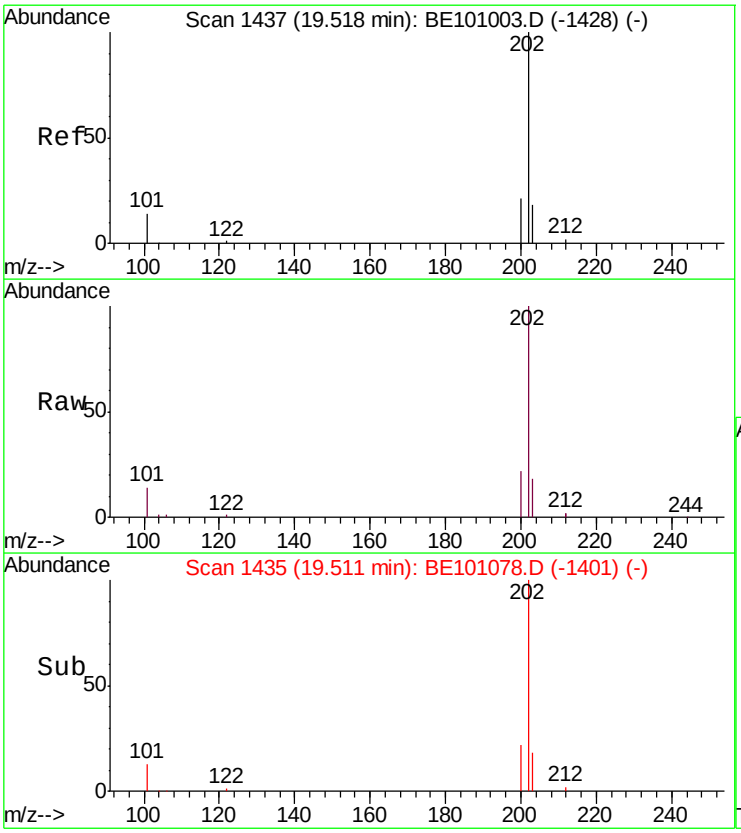
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:240 Resp: 20116

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	27.9	22.2	33.4

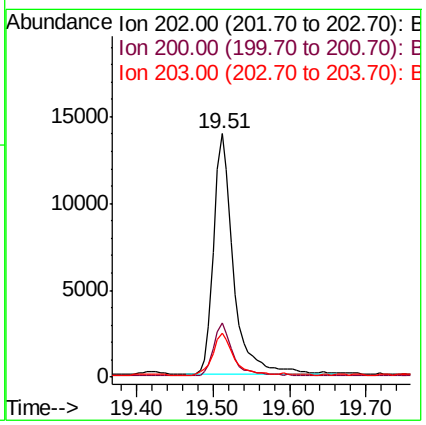


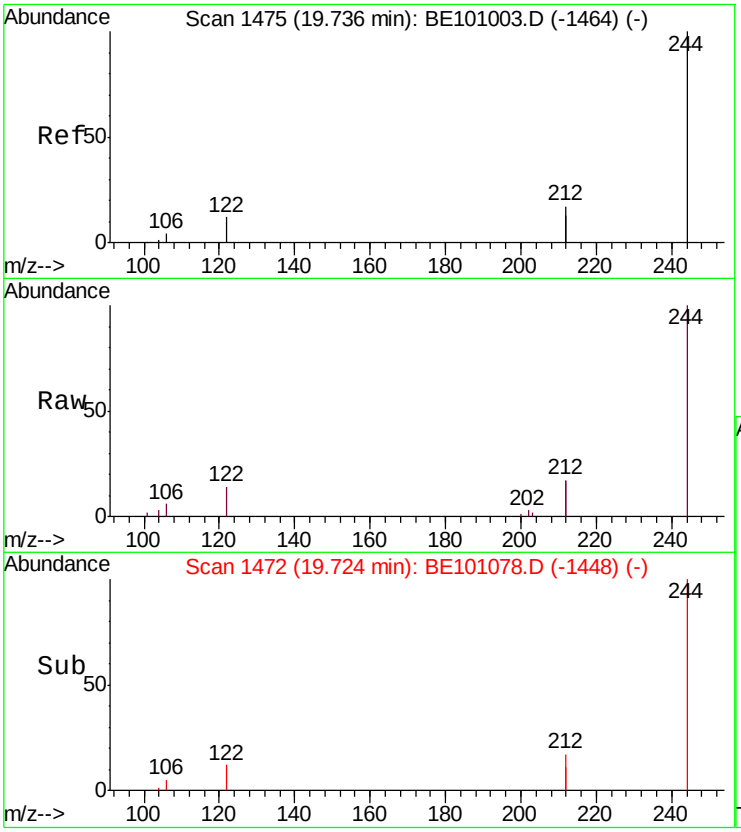


#28
Pyrene
Concen: 0.334 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:202 Resp: 25020

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	18.4	13.8	20.6



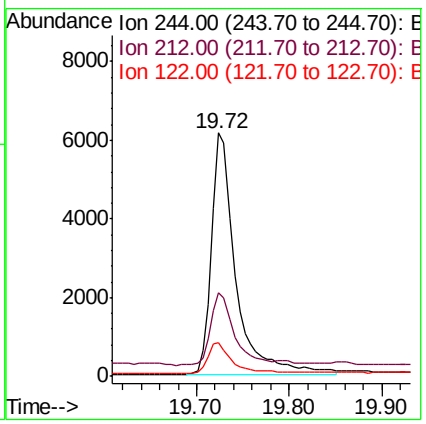


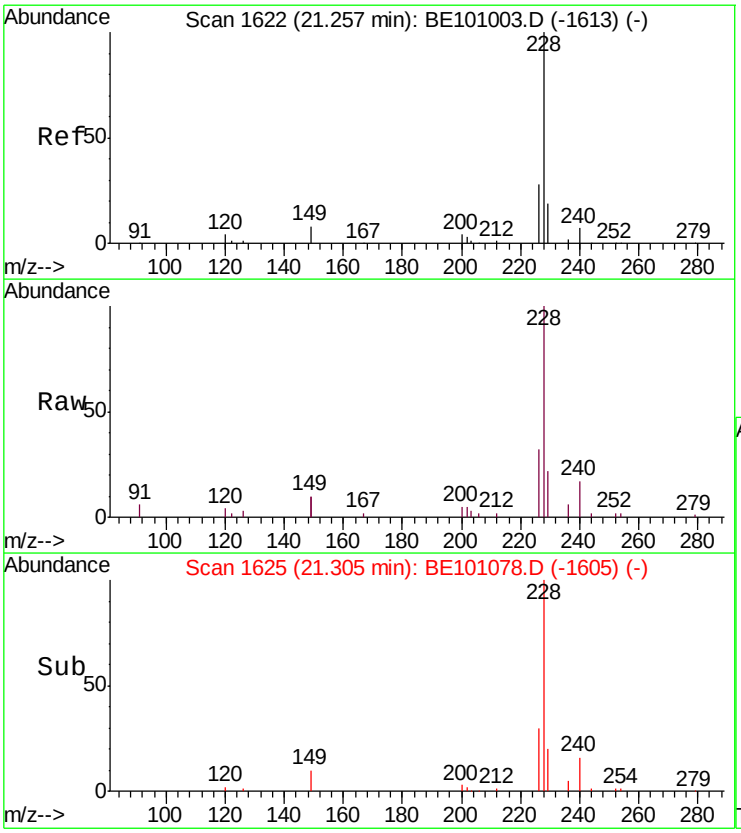
#29
Terphenyl-d14
Concen: 0.225 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:244 Resp: 11129

Ion	Ratio	Lower	Upper
244	100		
212	34.3	27.2	40.8
122	13.8	9.8	14.8

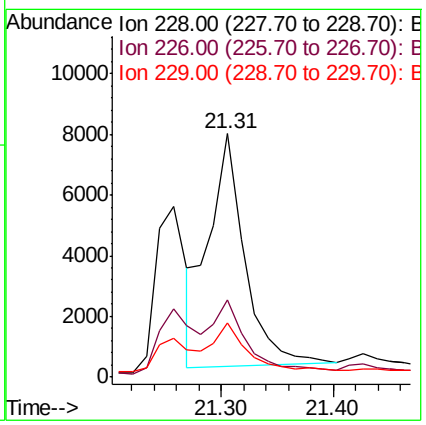


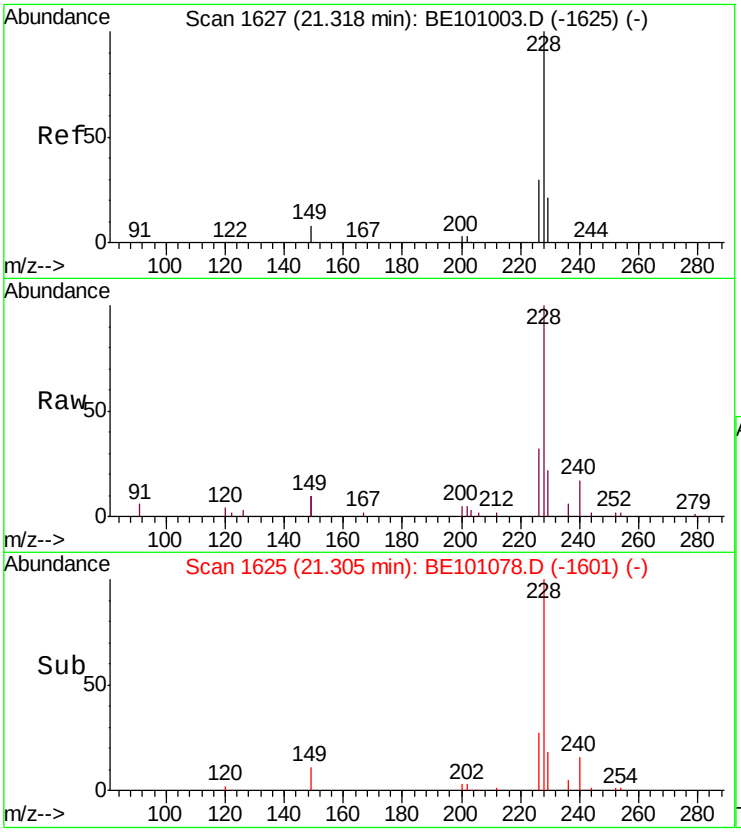


#30
Benzo(a)anthracene
Concen: 0.297 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.05 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:228 Resp: 17059

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.7	34.1
229	22.3	15.5	23.3



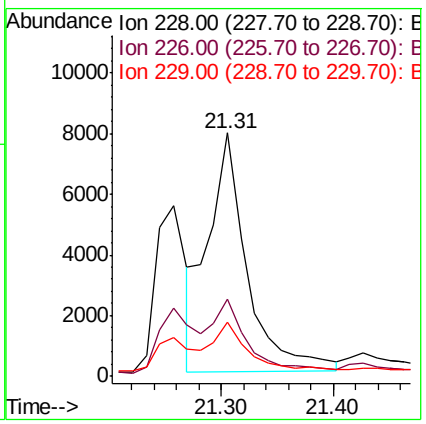


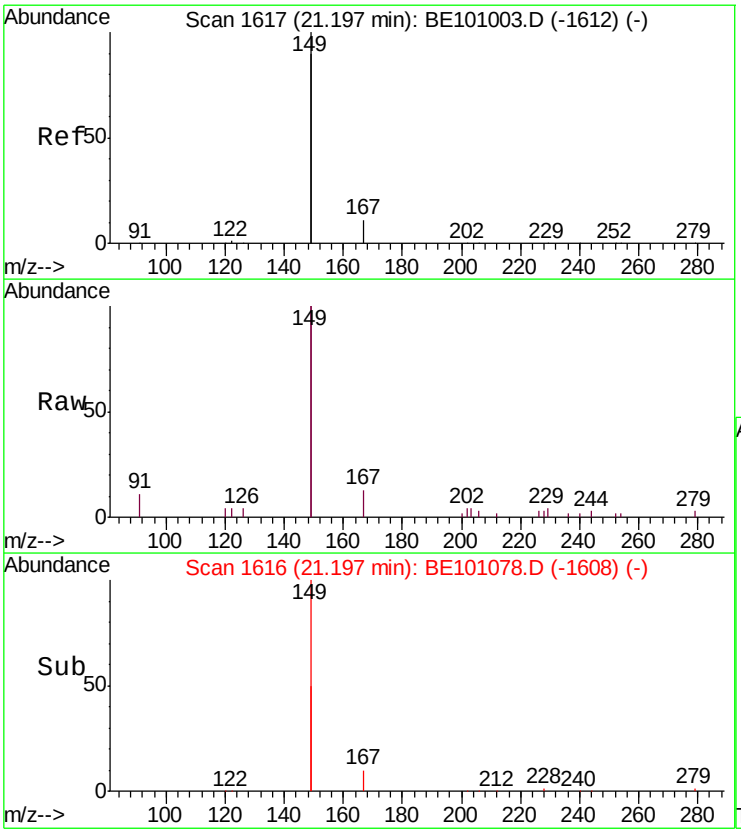
#31
Chrysene
Concen: 0.220 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:228 Resp: 18787

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.5	35.3
229	22.3	16.7	25.1

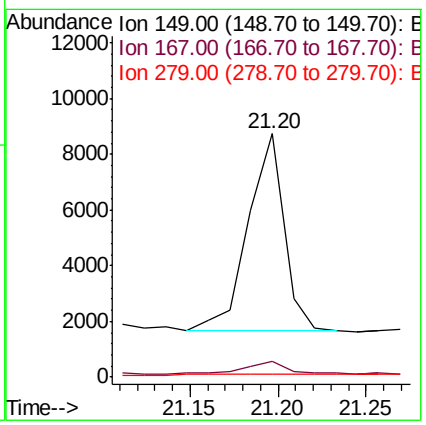


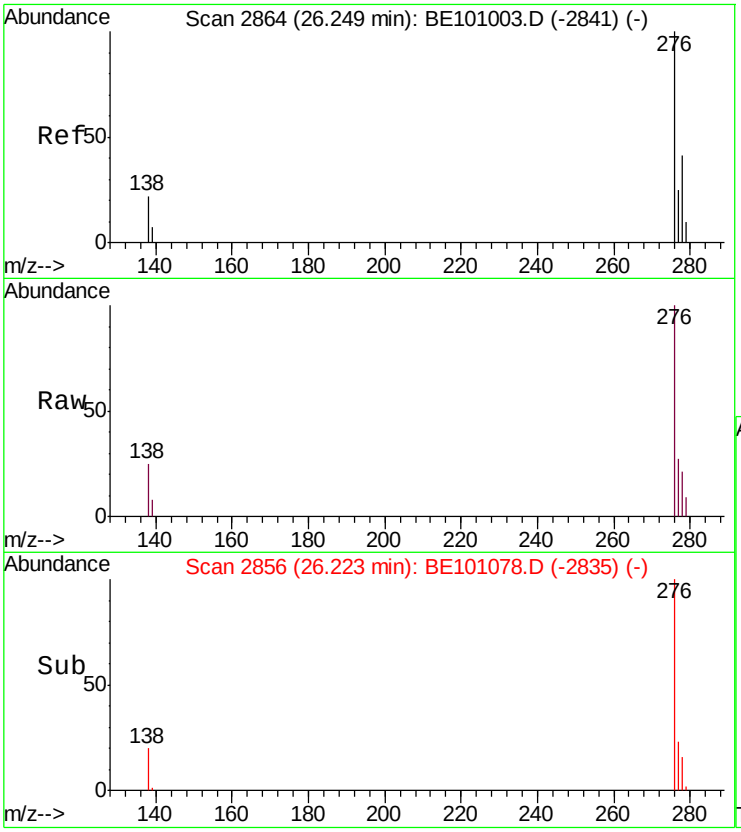


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:149 Resp: 9912

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.2	7.8
279	1.0	0.8	1.2



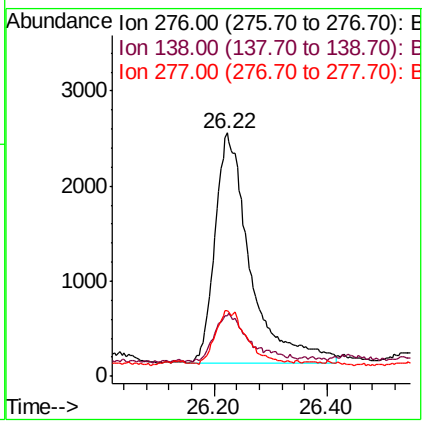


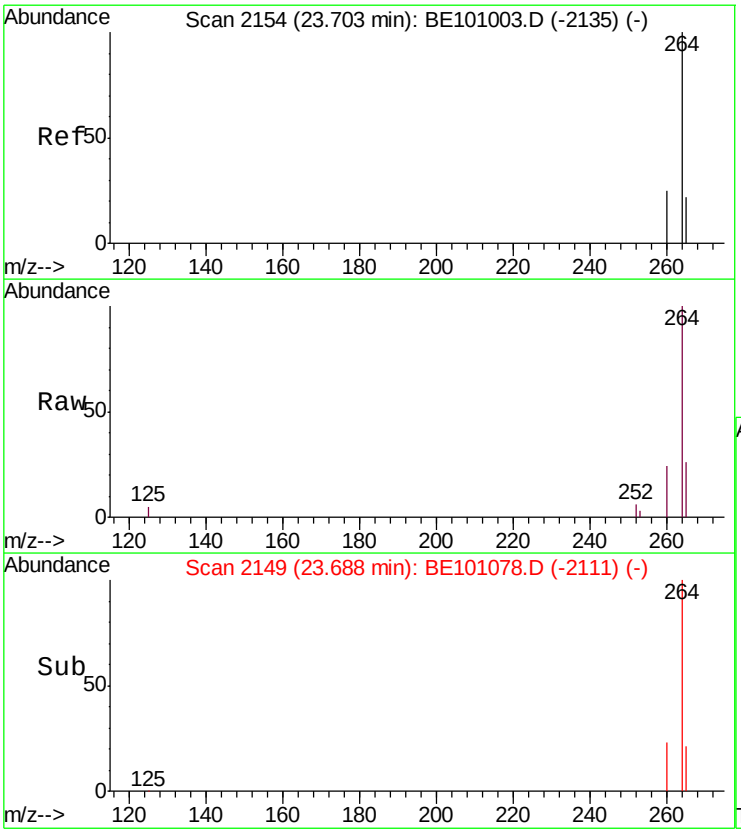
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng
RT: 26.22 min Scan# 2856
Delta R.T. -0.03 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:276 Resp: 10441

Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.1	24.1
277	20.0	18.1	27.1

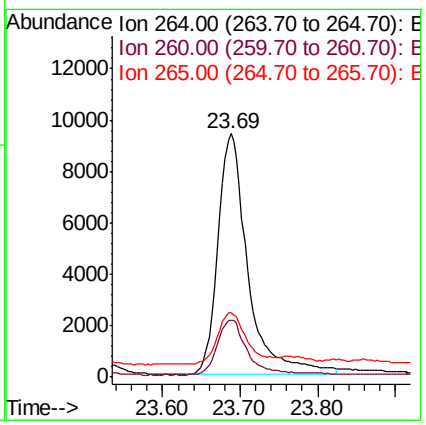


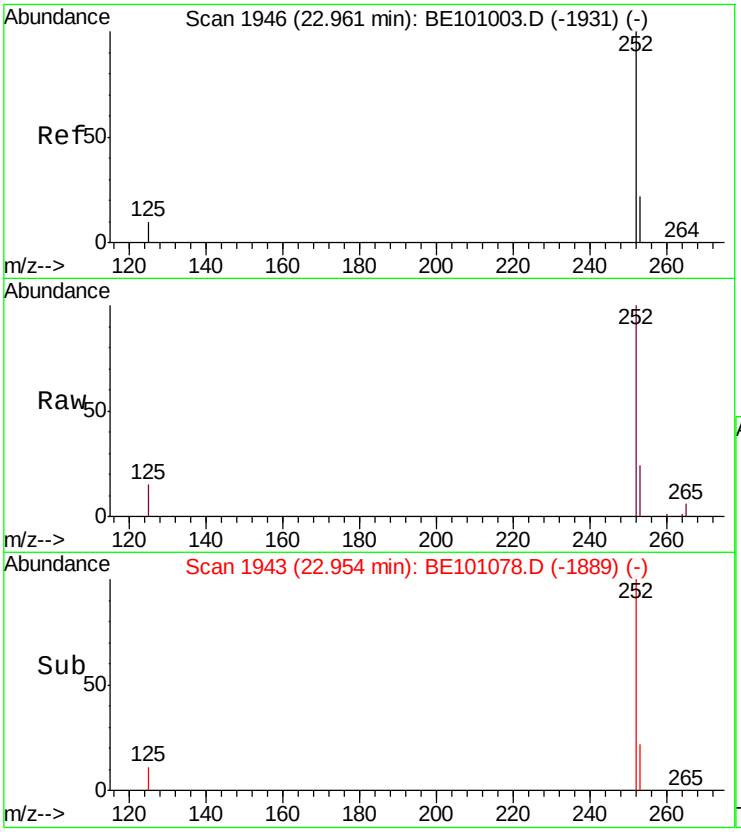


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:264 Resp: 25188

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.3	30.5
265	26.2	27.0	40.4#



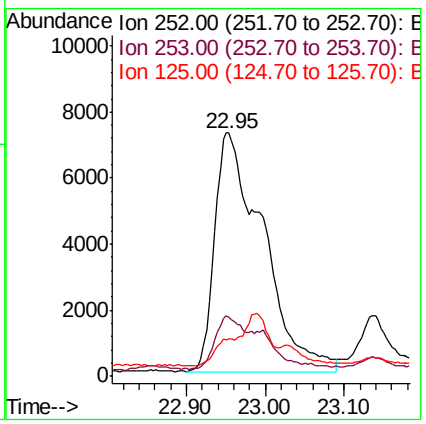


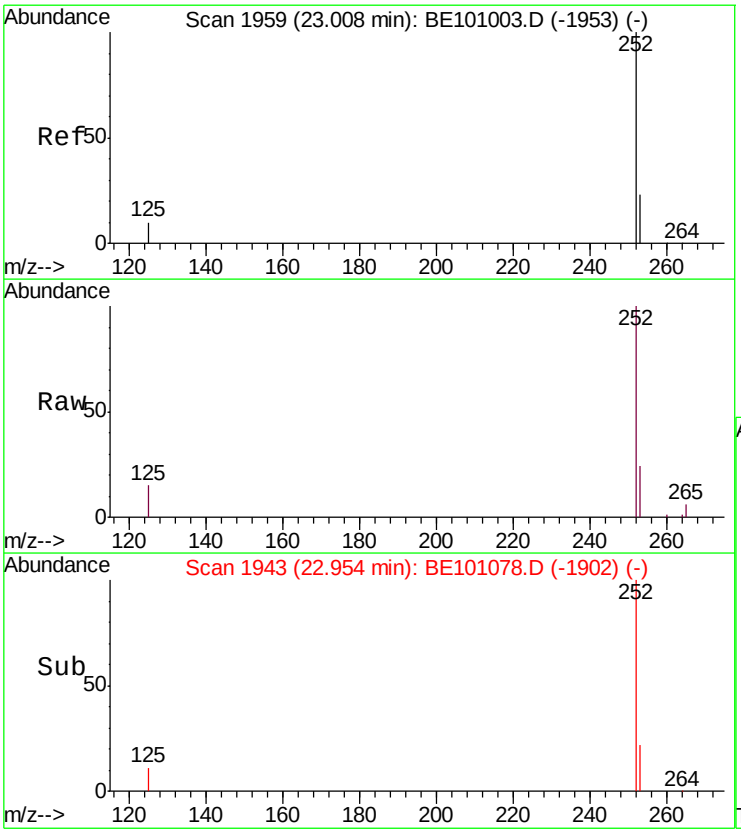
#35
Benzo(b)fluoranthene
Concen: 0.433 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:252 Resp: 30555

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	15.2	9.5	14.3#

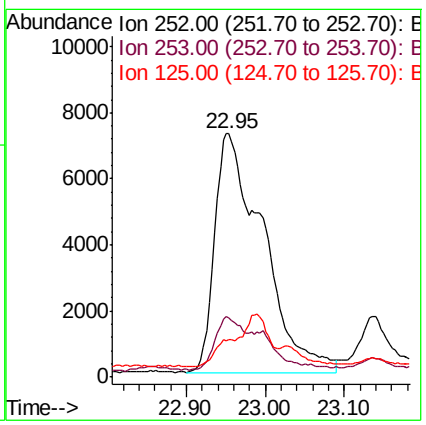


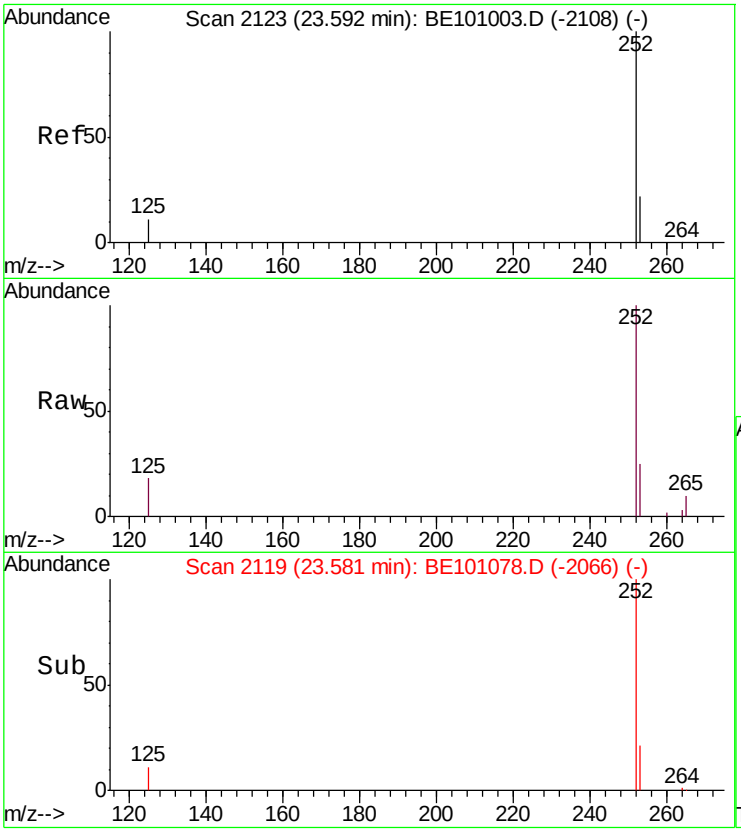


#36
Benzo(k)fluoranthene
Concen: 0.298 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:252 Resp: 30555

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	15.2	10.1	15.1#



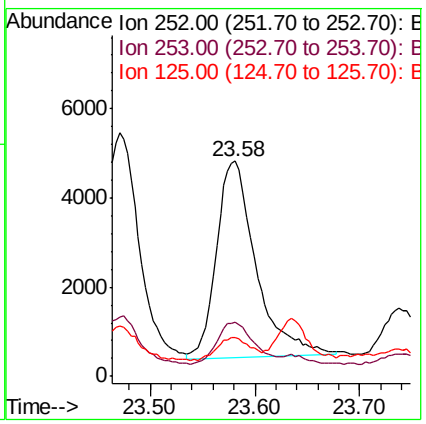


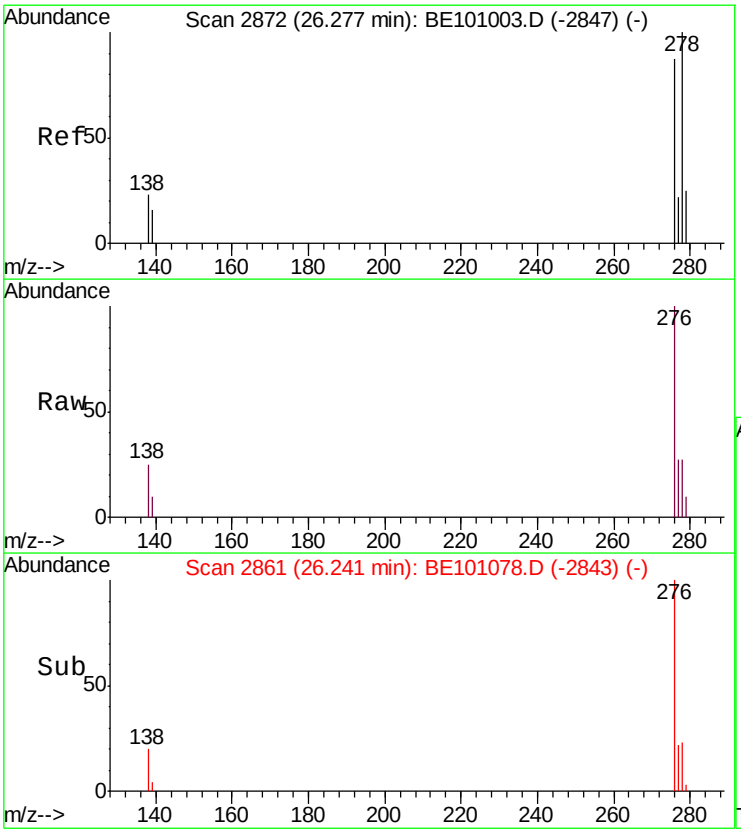
#37
Benzo(a)pyrene
Concen: 0.170 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:252 Resp: 11621

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.2
125	18.2	11.8	17.6#

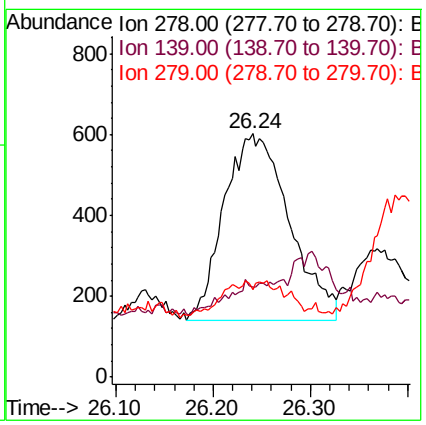


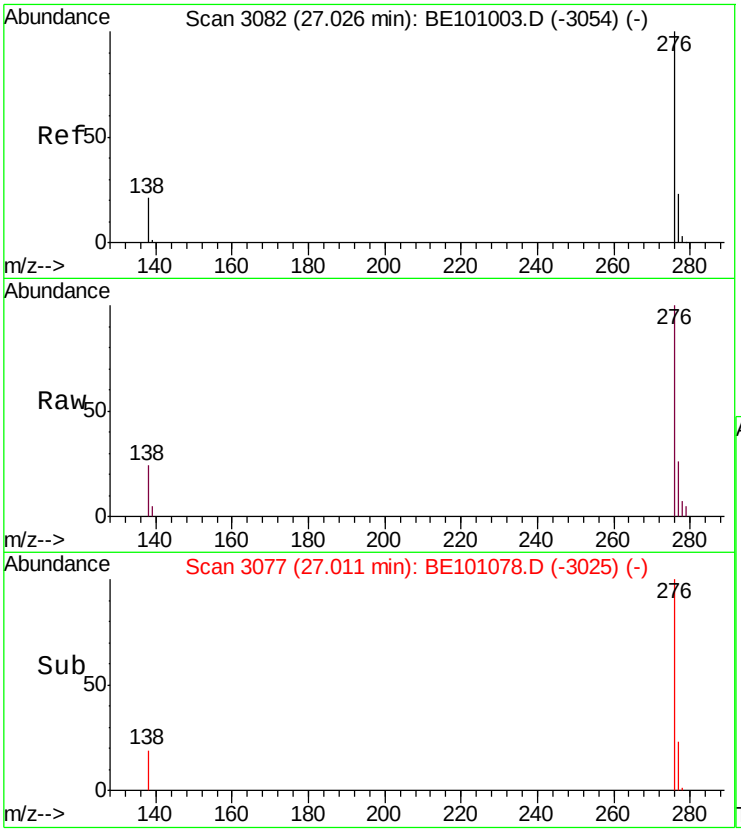


#38
Dibenzo(a,h)anthracene
Concen: 0.034 ng
RT: 26.24 min Scan# 2861
Delta R.T. -0.04 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Tgt Ion:278 Resp: 2159

Ion	Ratio	Lower	Upper
278	100		
139	37.0	15.0	22.4#
279	35.9	22.6	33.8#





#39
Benzo(g,h,i)perylene
Concen: 0.151 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.02 min
Lab File: BE101078.D
Acq: 16 Jan 2020 16:38

Instrument :
BNA_E
ClientSampleId :
SB-26-(4-6)

Tgt Ion:276 Resp: 11697

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.2
138	24.2	17.9	26.9