Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101035.D
Acq On : 13 Jan 2020 10:53
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 13 14:09:03 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	7.74	152	3308	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	15276	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8846	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	18362	0.40	ng		0.00
27) Chrysene-d12	21.28	240	14913	0.40	ng		0.00
34) Perylene-d12	23.70	264	15602	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2495	0.34	ng		0.00
5) Phenol-d6	6.92	99	2829	0.30	ng		0.00
8) Nitrobenzene-d5	8.89	82	2672	0.24	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	11593	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	601	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	13820	0.41	ng		0.00
25) Fluoranthene-d10	19.13	212	89451	0.35	ng		0.00
29) Terphenyl-d14	19.74	244	14982	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	3156	0.393	ng		97
3) n-Nitrosodimethylamine	3.61	42	1480	0.322	ng	#	74
6) bis(2-Chloroethyl)ether	7.17	93	3552	0.317	ng	#	95
9) Naphthalene	10.55	128	68571	0.404	ng		100
10) Hexachlorobutadiene	10.85	225	3019	0.420	ng		98
12) 2-Methylnaphthalene	12.18	142	9943	0.388	ng		99
16) Acenaphthylene	14.08	152	10068	0.279	ng		97
17) Acenaphthene	14.43	154	10097	0.392	ng		98
18) Fluorene	15.39	166	12734	0.391	ng		99
20) 4-Bromophenyl-phenylether	16.31	248	3163	0.353	ng		96
21) Hexachlorobenzene	16.40	284	3968	0.404	ng		98
22) Pentachlorophenol	16.76	266	423	0.373	ng		92
23) Phenanthrene	17.14	178	19107	0.381	ng		100
24) Anthracene	17.23	178	16676	0.352	ng		97
26) Fluoranthene	19.16	202	21652	0.345	ng		99
28) Pyrene	19.52	202	21413	0.386	ng		100
30) Benzo(a)anthracene	21.26	228	12814	0.301	ng		99
31) Chrysene	21.32	228	29687	0.469	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	21661	0.305	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	19741	0.395	ng		97
35) Benzo(b)fluoranthene	22.96	252	16742	0.383	ng		100
36) Benzo(k)fluoranthene	23.00	252	26148	0.412	ng		97
37) Benzo(a)pyrene	23.59	252	15496	0.366	ng		99
38) Dibenzo(a,h)anthracene	26.26	278	15292	0.393	ng		97
39) Benzo(g,h,i)perylene	27.01	276	19640	0.410	ng		98

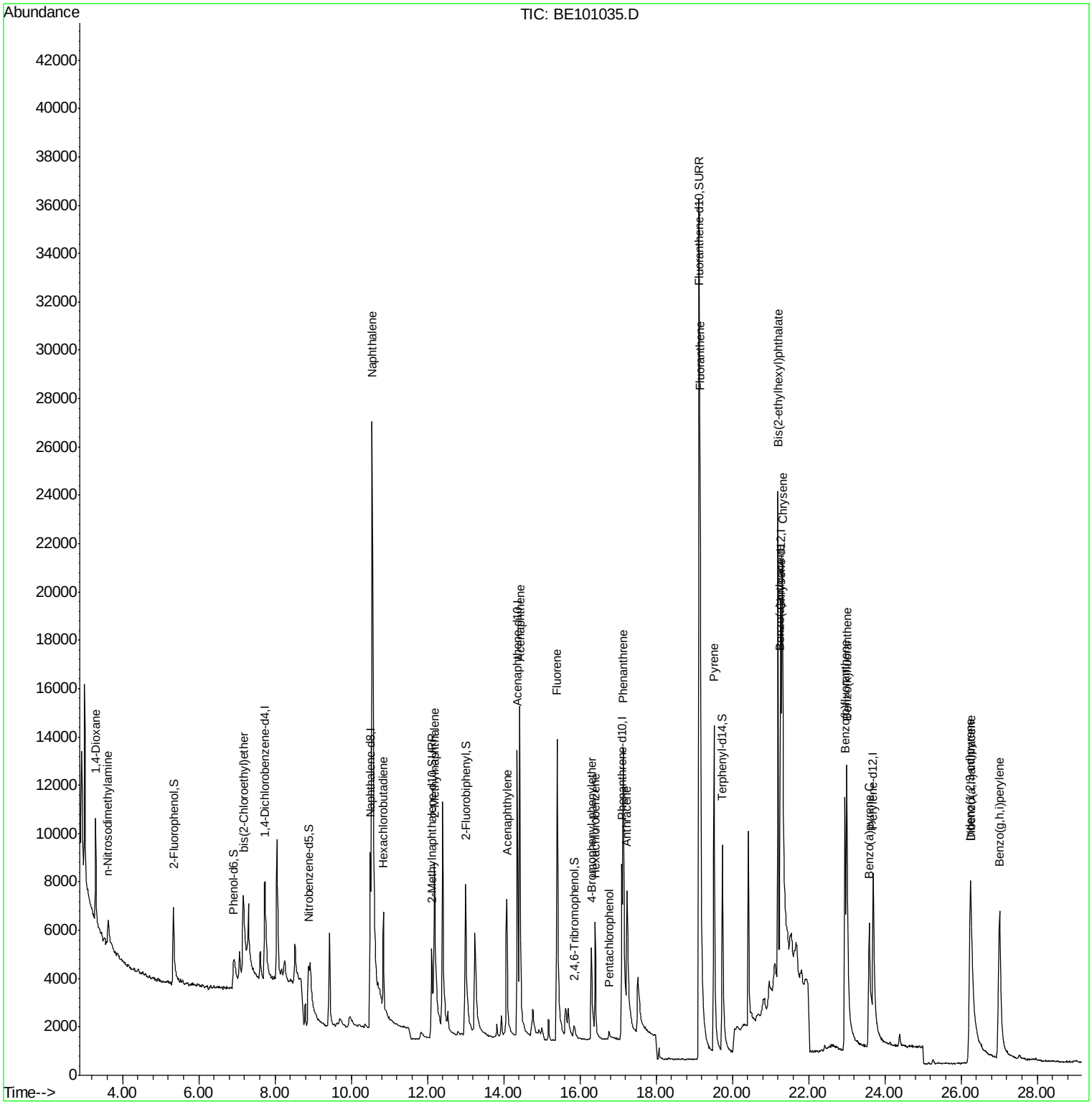
(#) = qualifier out of range (m) = manual integration (+) = signals summed

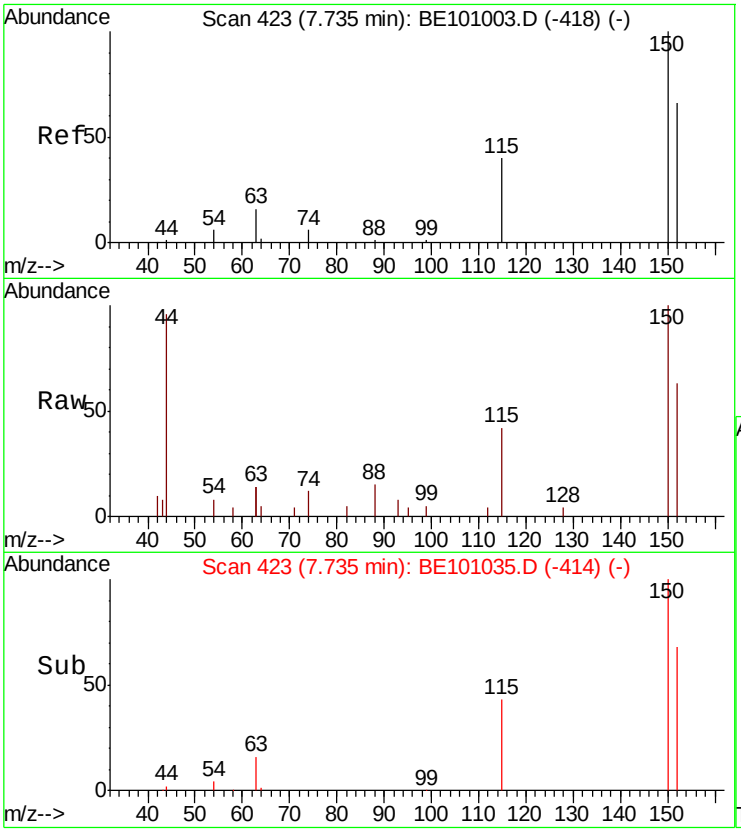
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101035.D
Acq On : 13 Jan 2020 10:53
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 13 14:09:03 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



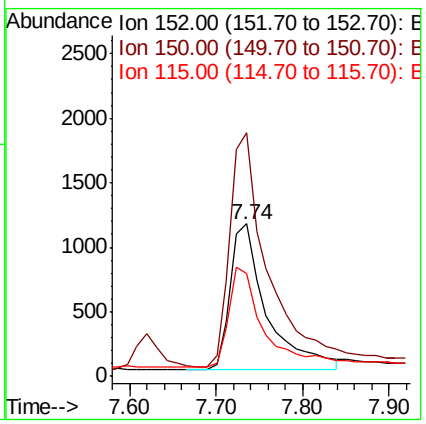


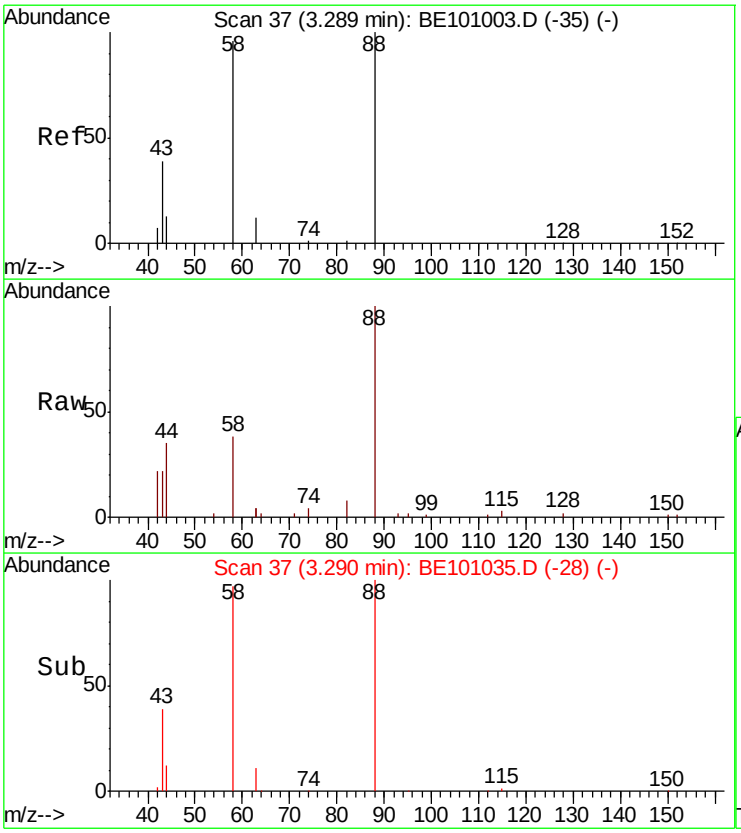
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3308

Ion	Ratio	Lower	Upper
152	100		
150	159.6	120.3	180.5
115	67.4	51.7	77.5

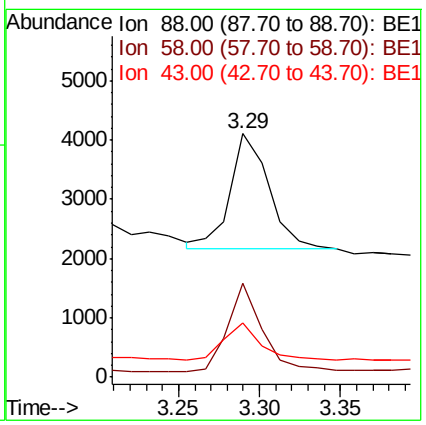


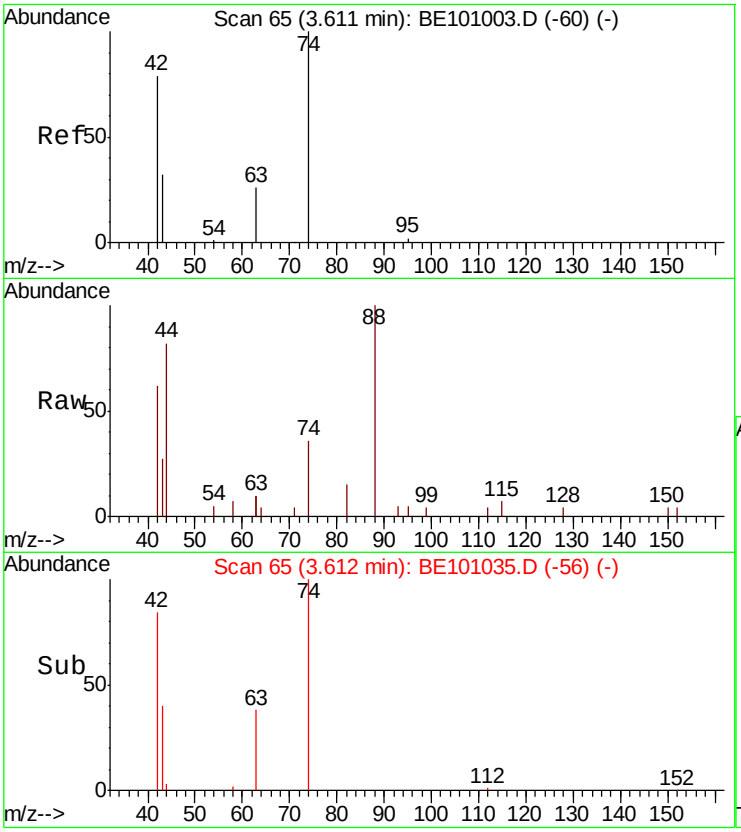


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion: 88 Resp: 3156

Ion	Ratio	Lower	Upper
88	100		
58	69.3	53.0	79.4
43	28.5	23.4	35.2



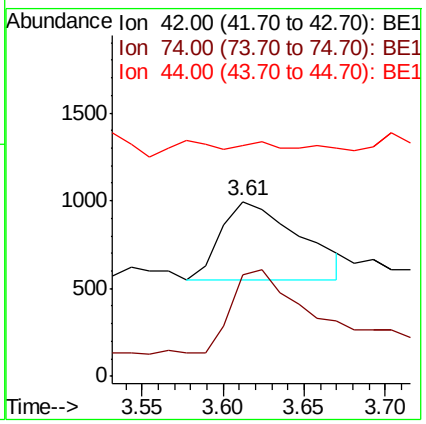


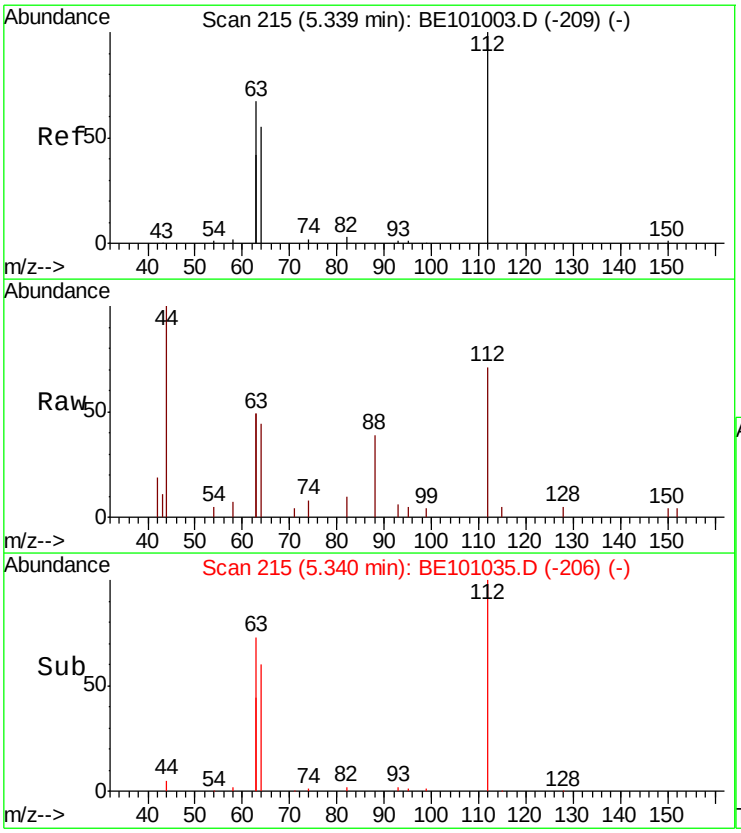
#3
n-Nitrosodimethylamine
Concen: 0.322 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1480

Ion	Ratio	Lower	Upper
42	100		
74	100.8	105.7	158.5#
44	5.4	10.0	15.0#

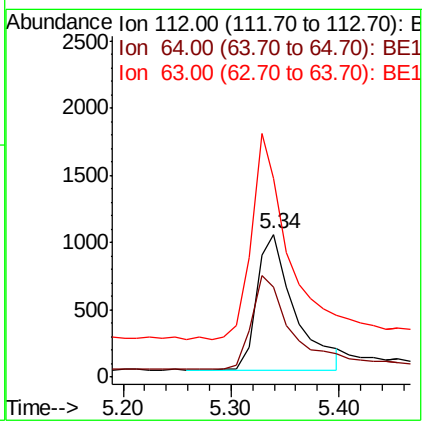


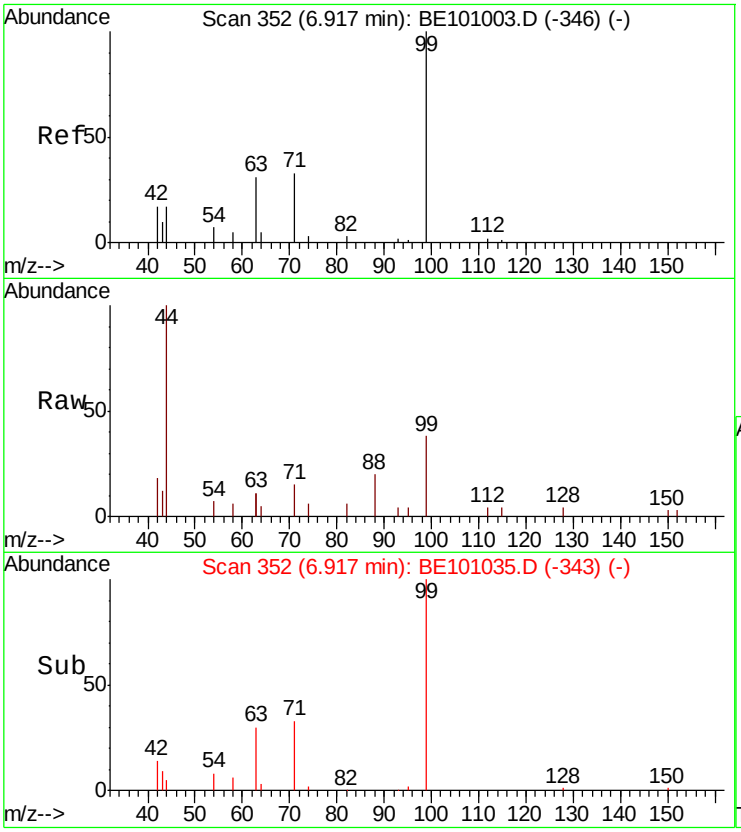


#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:112 Resp: 2495

Ion	Ratio	Lower	Upper
112	100		
64	71.5	53.6	80.4
63	145.1	114.6	172.0



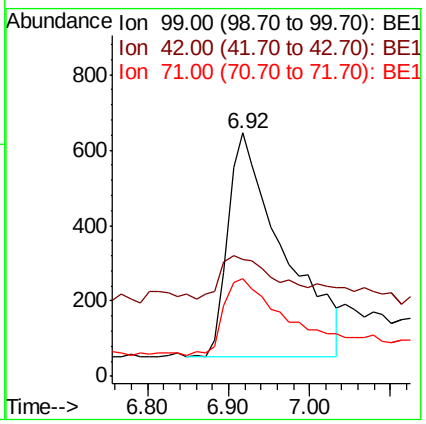


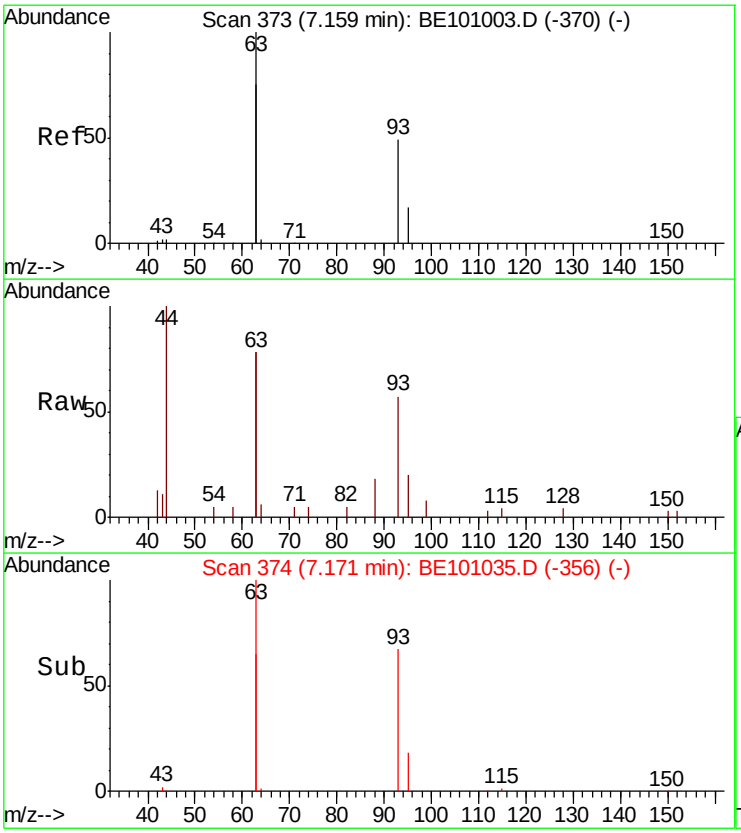
#5
Phenol-d6
Concen: 0.300 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2829

Ion	Ratio	Lower	Upper
99	100		
42	18.6	18.3	27.5
71	38.8	28.0	42.0

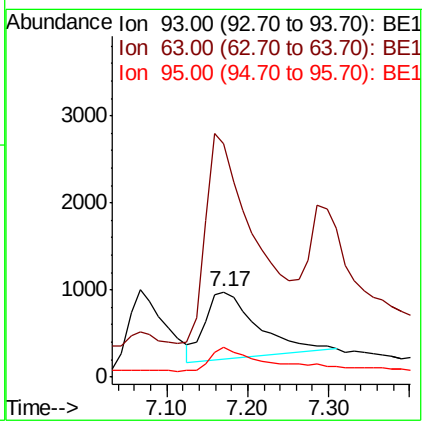


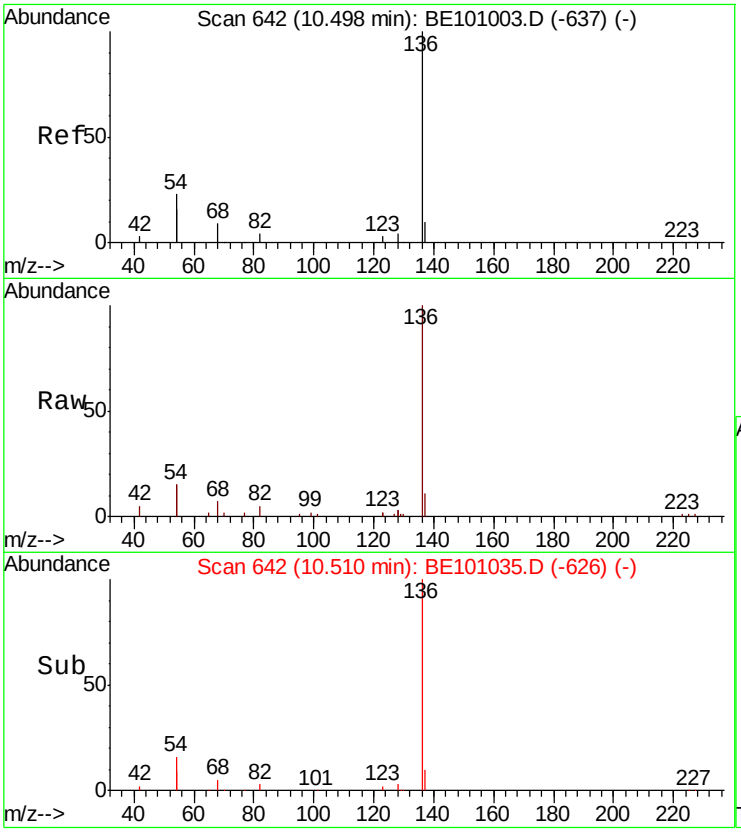


#6
bis(2-Chloroethyl)ether
Concen: 0.317 ng
RT: 7.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion: 93 Resp: 3552

Ion	Ratio	Lower	Upper
93	100		
63	283.5	233.9	350.9
95	36.1	23.5	35.3#



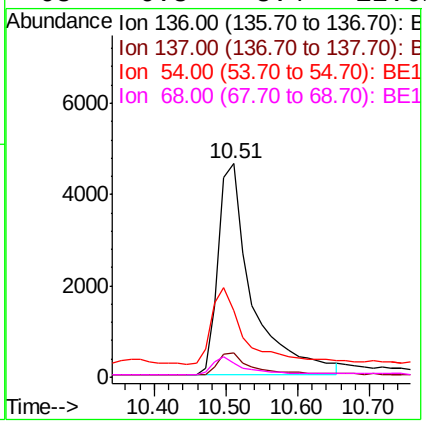


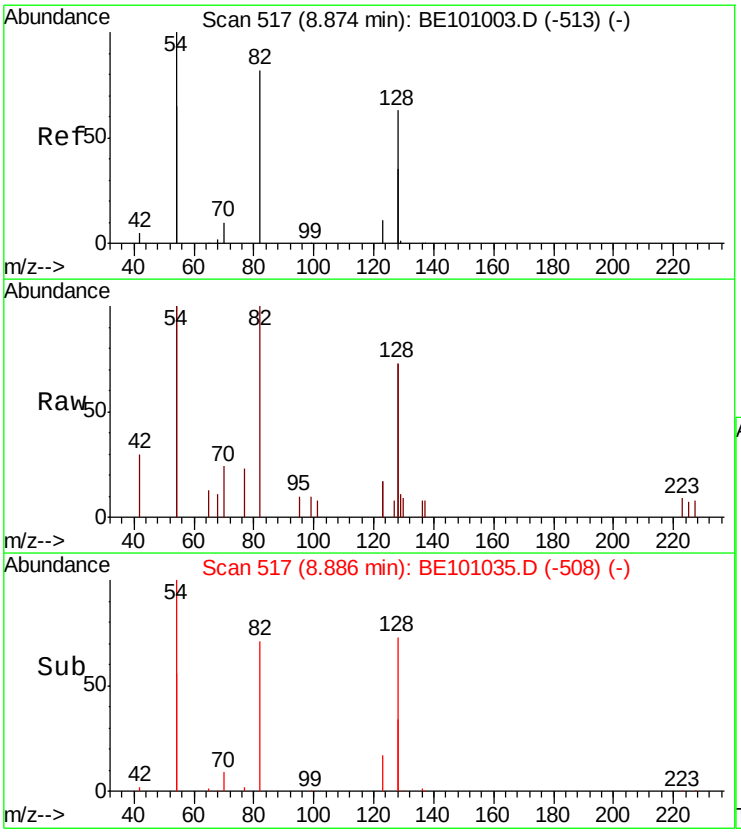
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 642
Delta R.T. 0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 15276

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	31.0	36.8	55.2#
68	6.8	8.4	12.6#

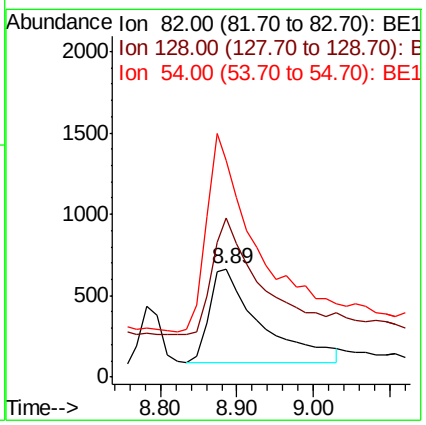


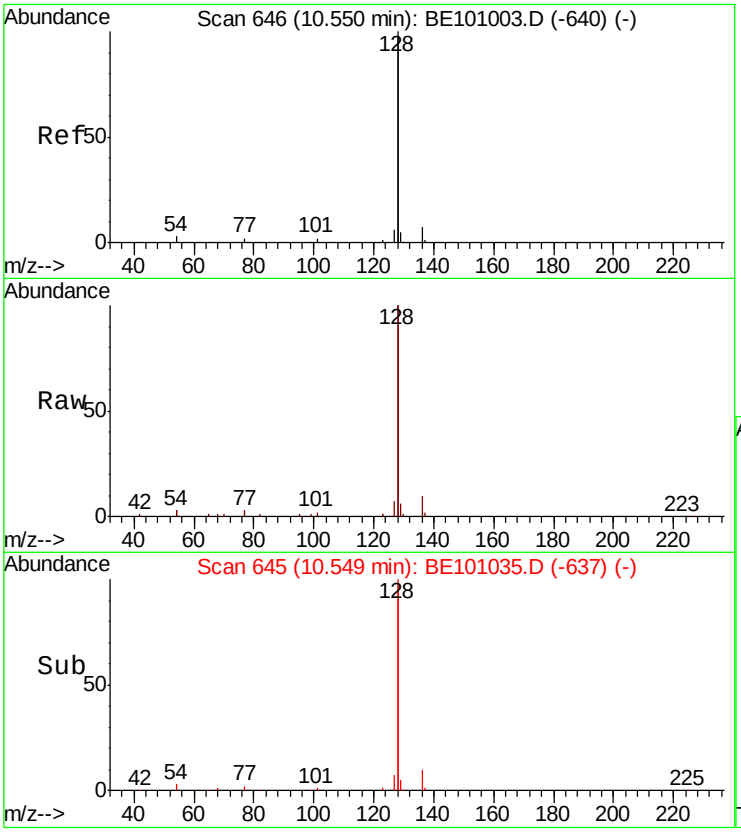


#8
Nitrobenzene-d5
Concen: 0.245 ng
RT: 8.89 min Scan# 517
Delta R.T. 0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion: 82 Resp: 2672

Ion	Ratio	Lower	Upper
82	100		
128	146.5	109.8	164.6
54	200.3	174.5	261.7



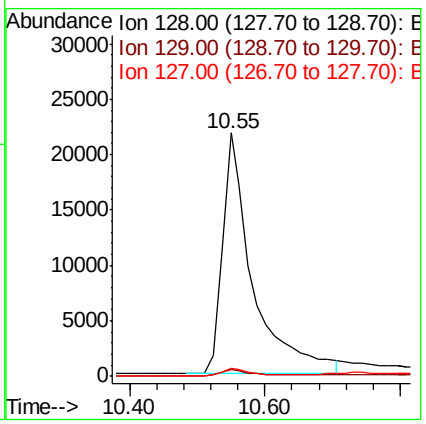


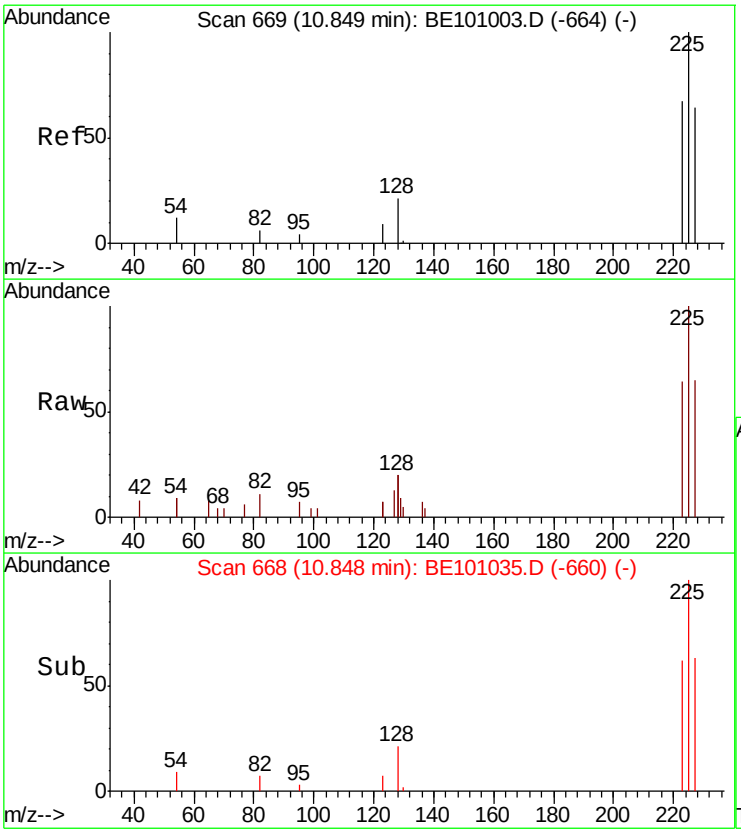
#9
Naphthalene
Concen: 0.404 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 68571

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

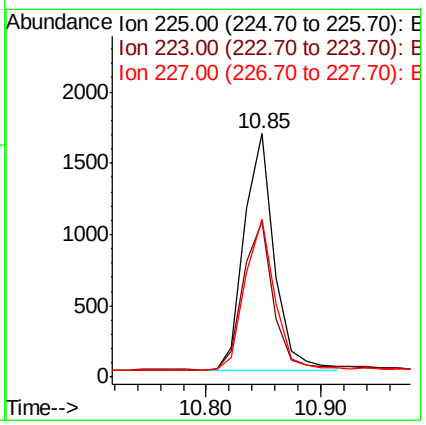


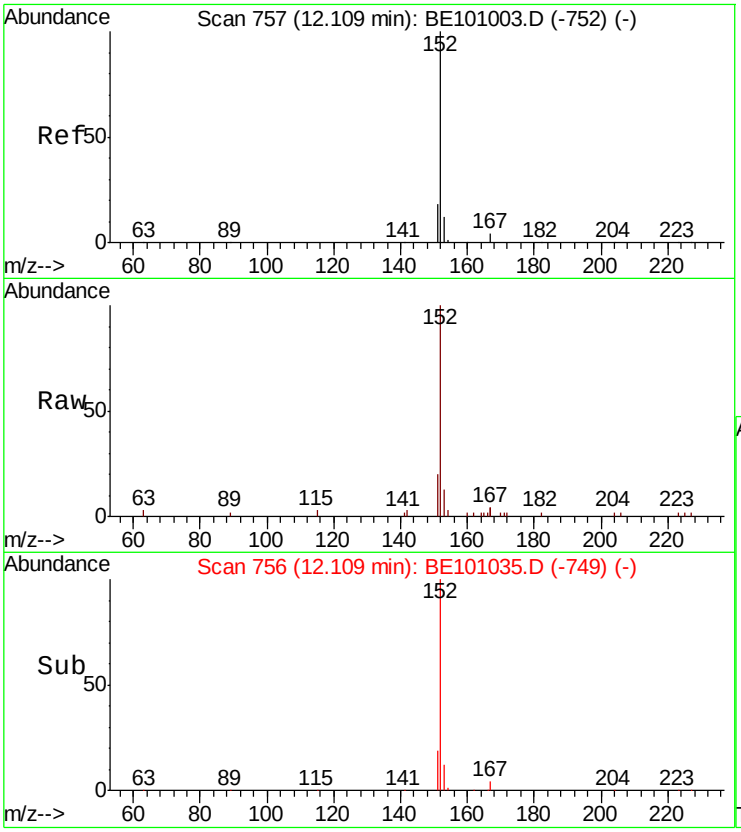


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:225 Resp: 3019

Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.2	78.4
227	62.8	49.9	74.9



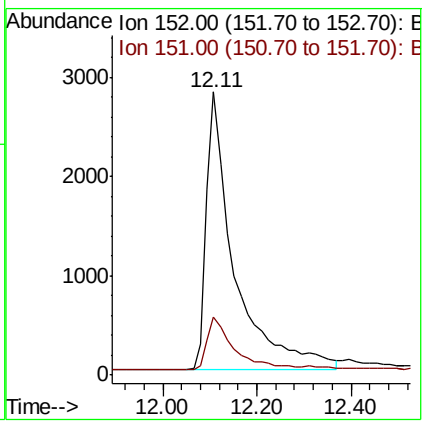


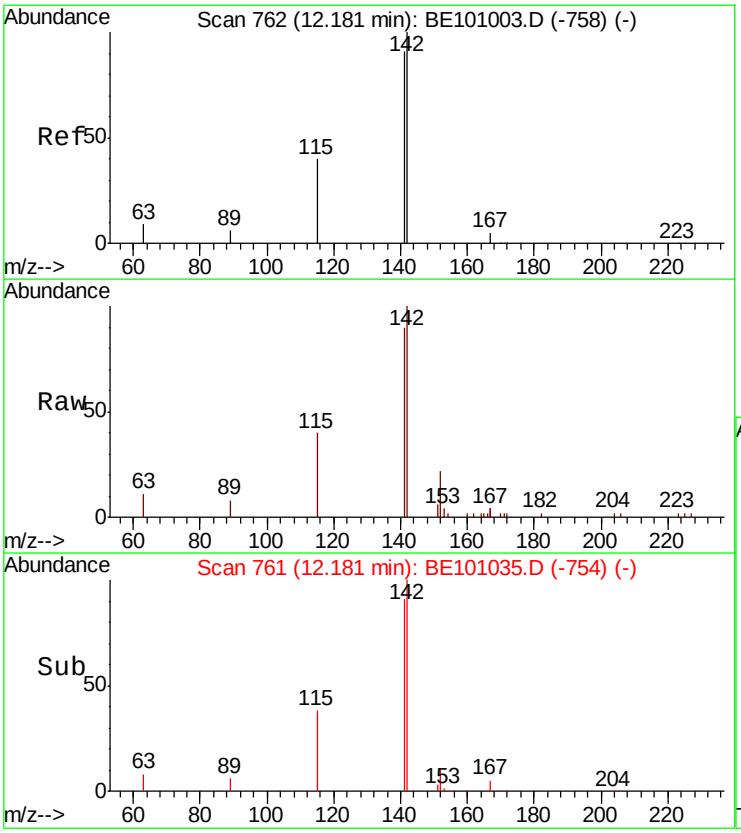
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11593

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.6

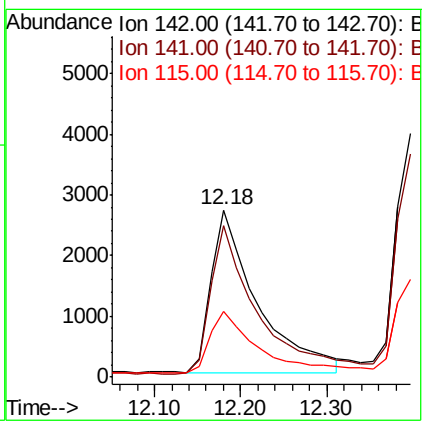


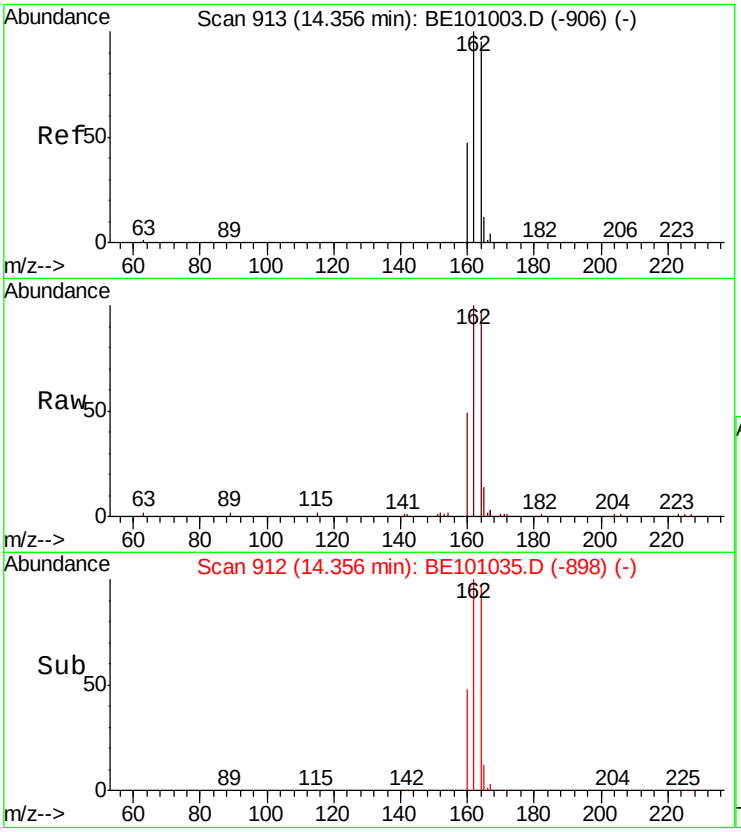


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.18 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:142 Resp: 9943

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.5	108.7
115	39.6	33.0	49.6



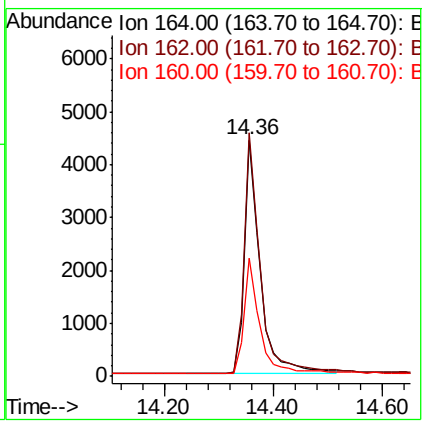


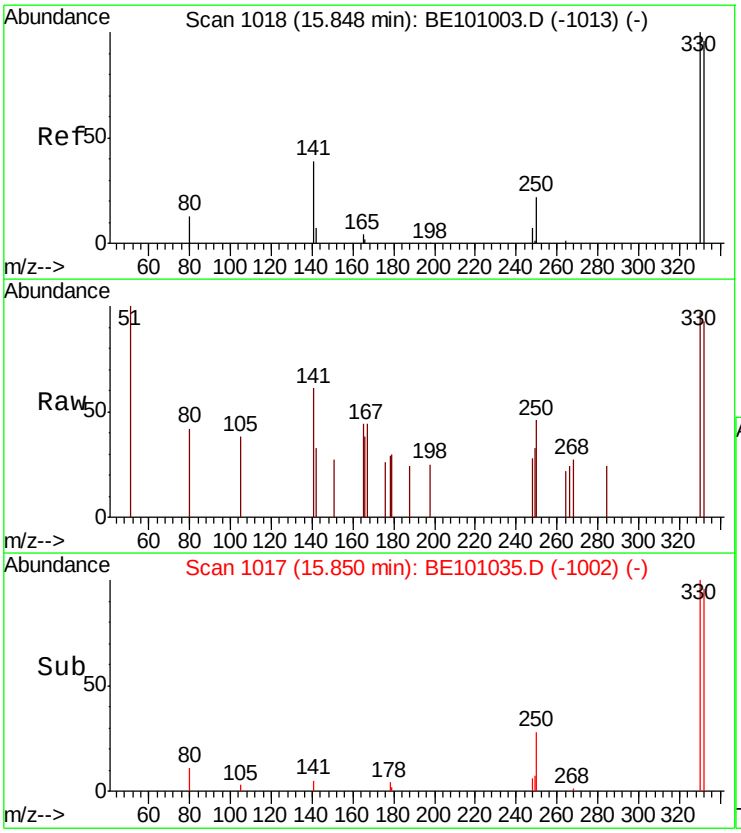
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8846

Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.1	126.1
160	50.3	40.4	60.6

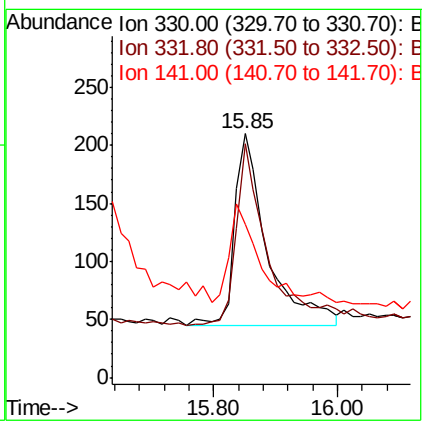


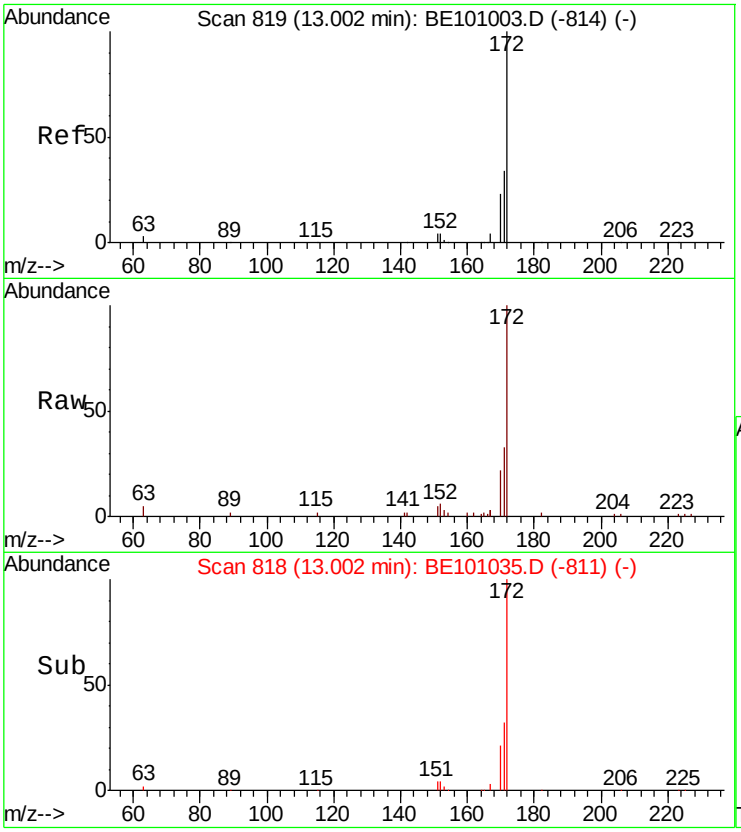


#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:330 Resp: 601

Ion	Ratio	Lower	Upper
330	100		
332	92.2	78.4	117.6
141	44.4	37.0	55.4



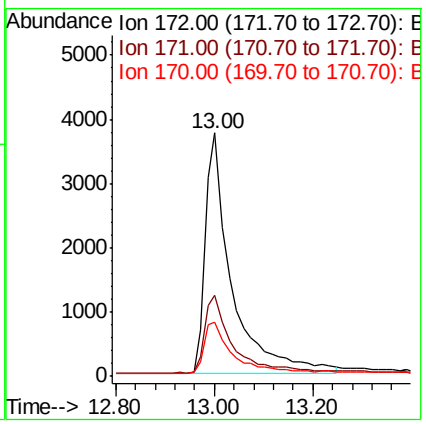


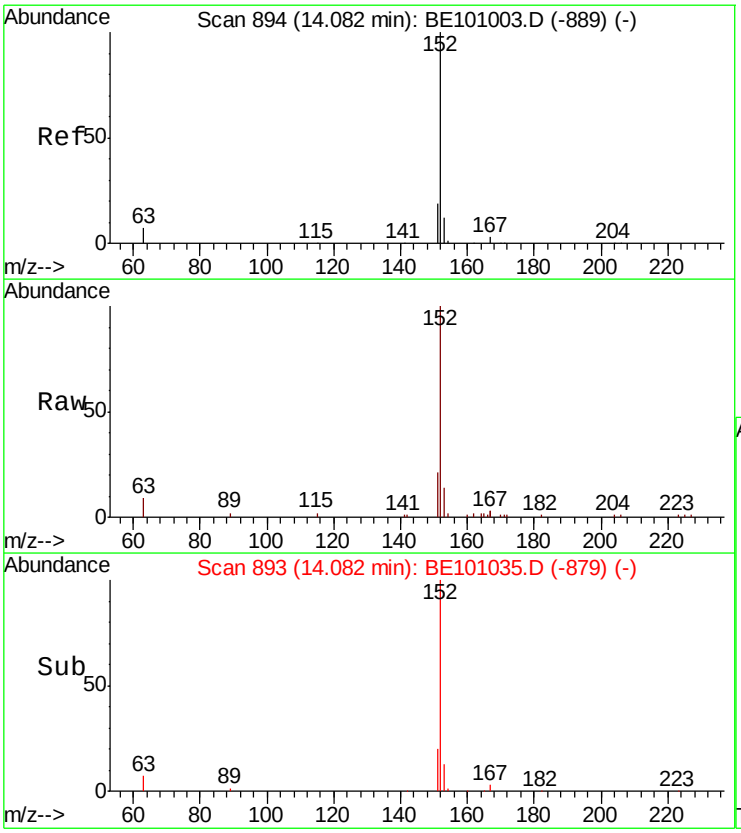
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13820

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.2	42.2
170	22.1	18.9	28.3

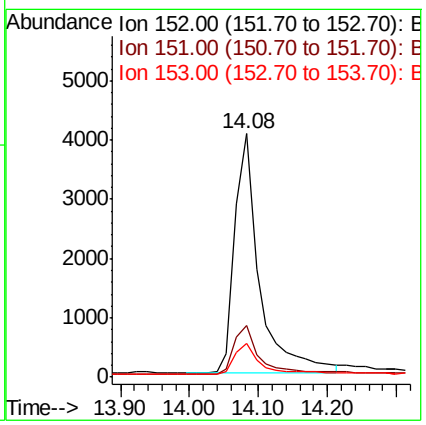


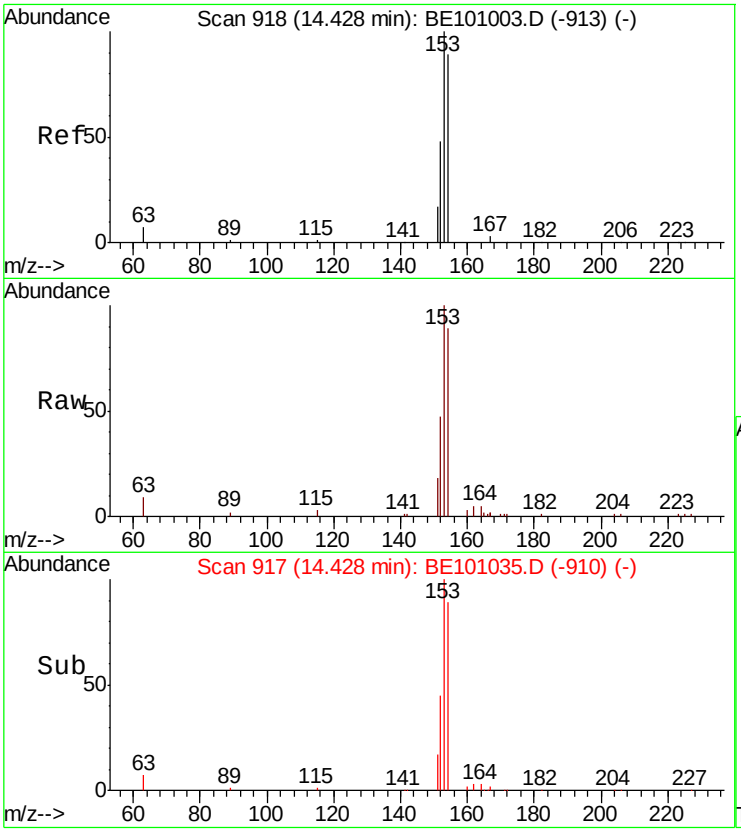


#16
Acenaphthylene
Concen: 0.279 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:152 Resp: 10068

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.5	23.3
153	13.2	10.4	15.6



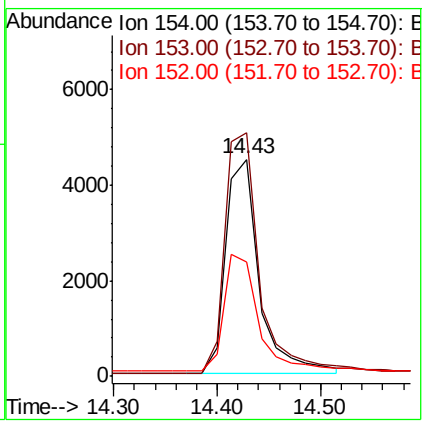


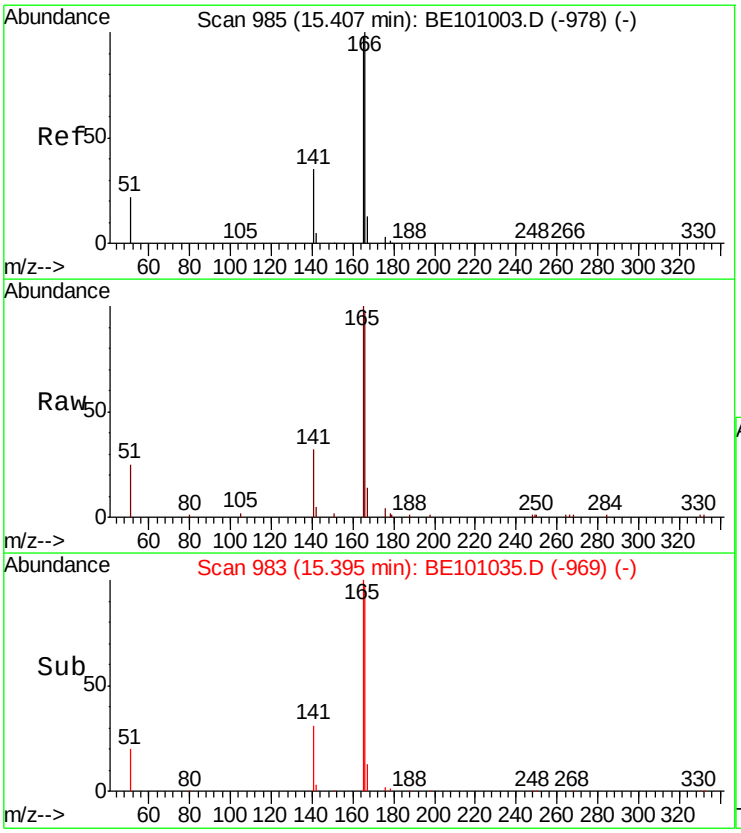
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.43 min Scan# 917
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10097

Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.6	140.4
152	55.6	46.3	69.5

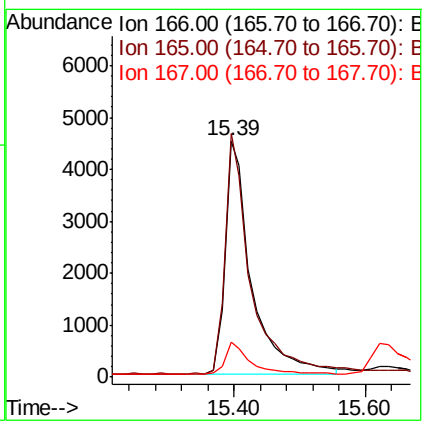


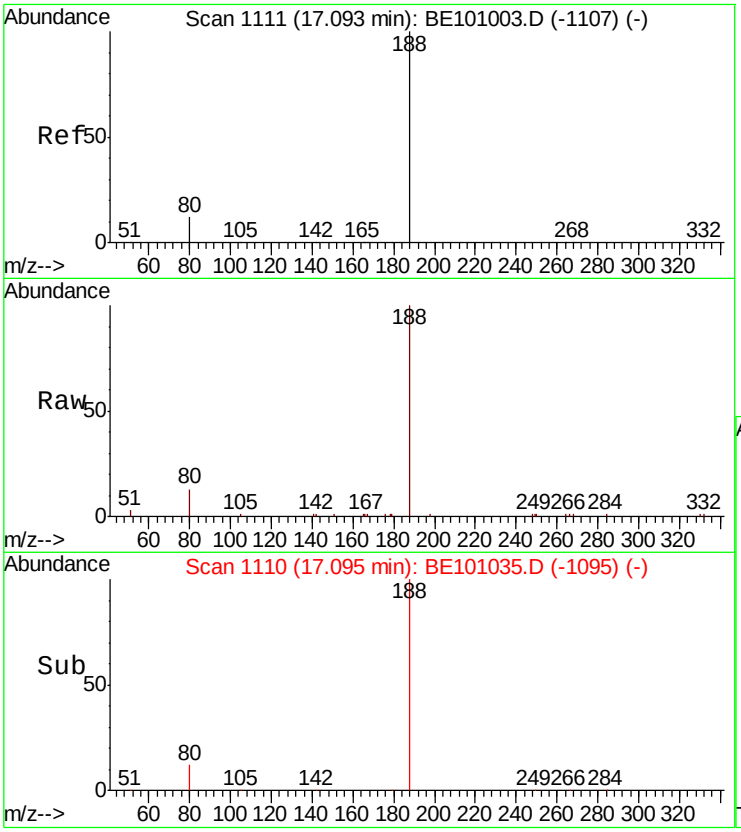


#18
Fluorene
Concen: 0.391 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:166 Resp: 12734

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.0	11.0	16.6



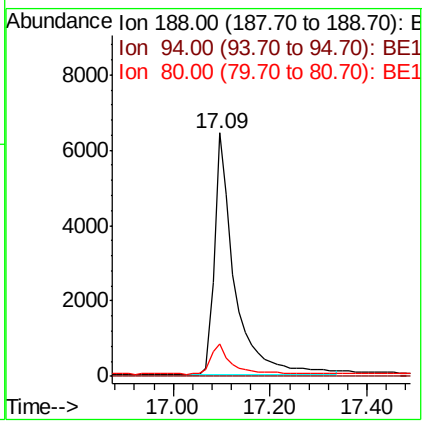


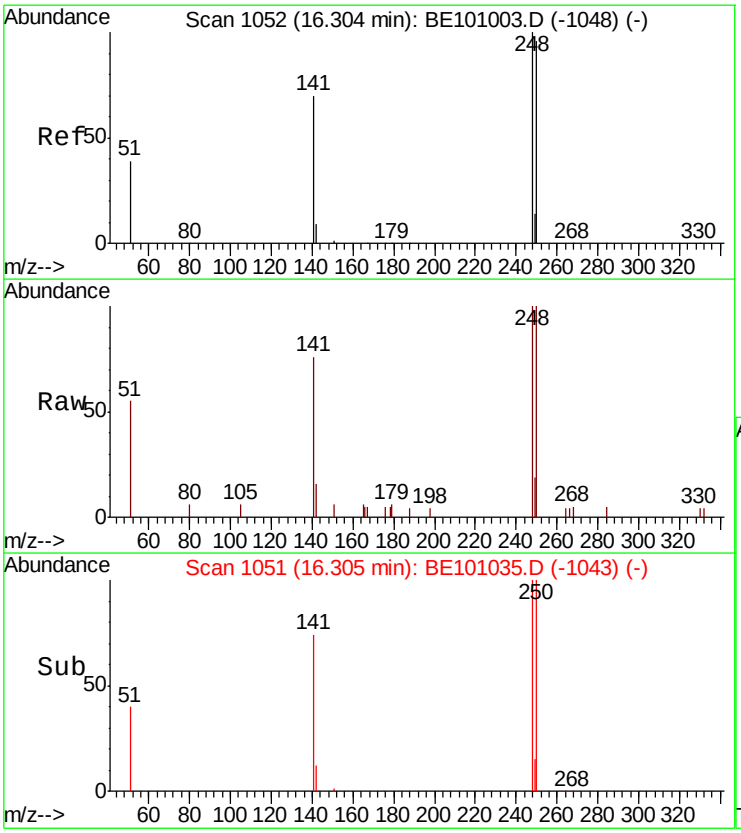
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18362

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	10.8	16.2

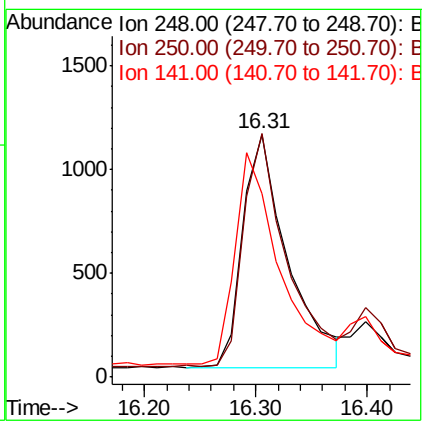


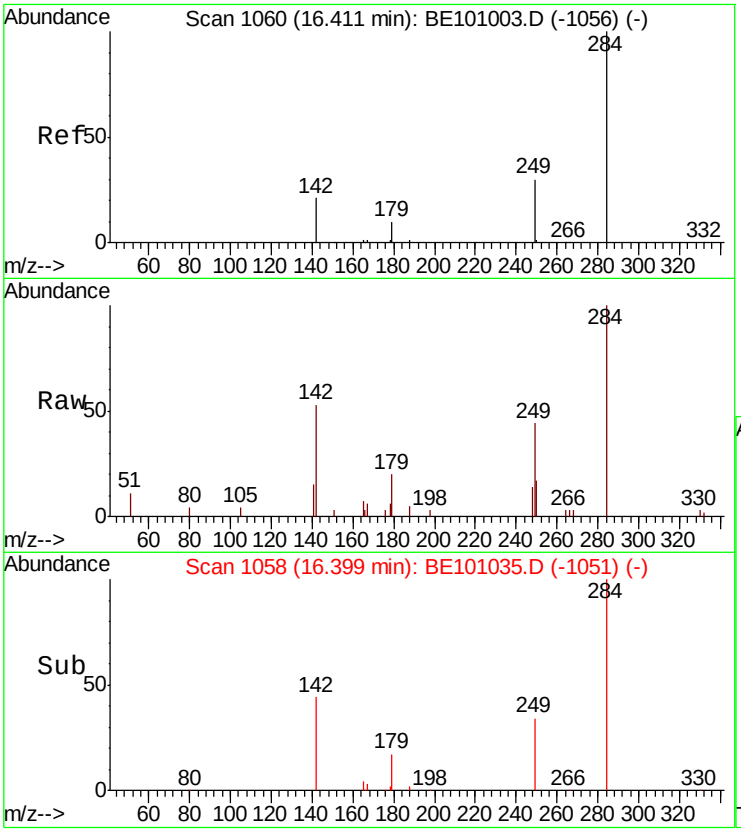


#20
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:248 Resp: 3163

Ion	Ratio	Lower	Upper
248	100		
250	100.3	76.6	115.0
141	75.7	57.7	86.5



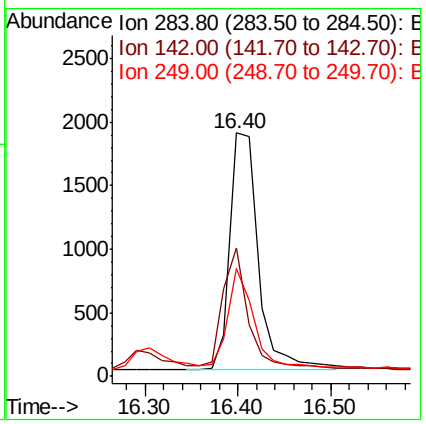


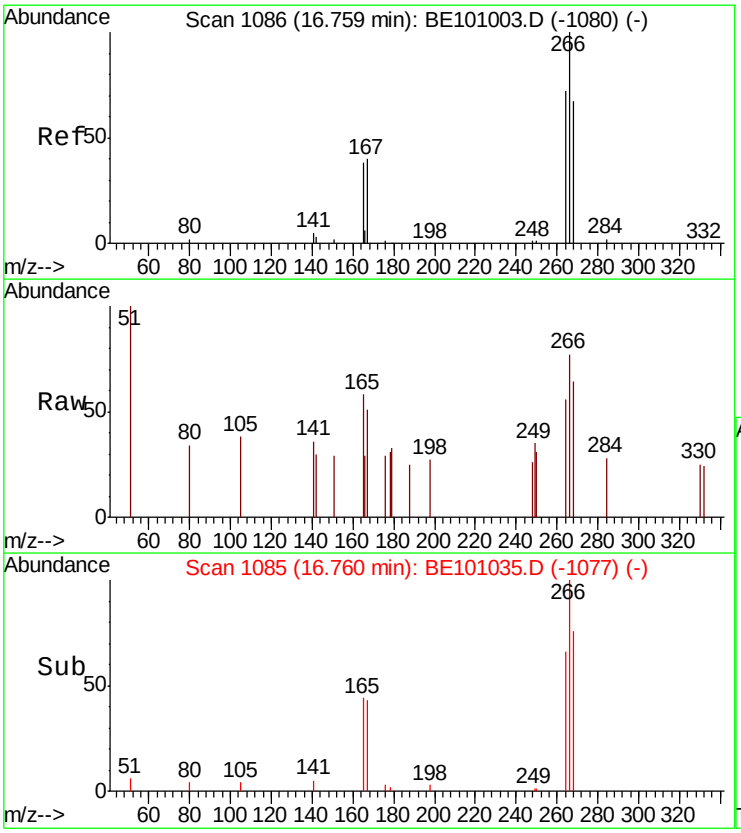
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3968

Ion	Ratio	Lower	Upper
284	100		
142	43.9	34.0	51.0
249	36.2	28.2	42.4

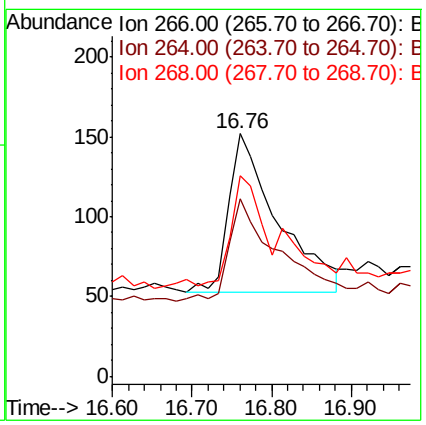


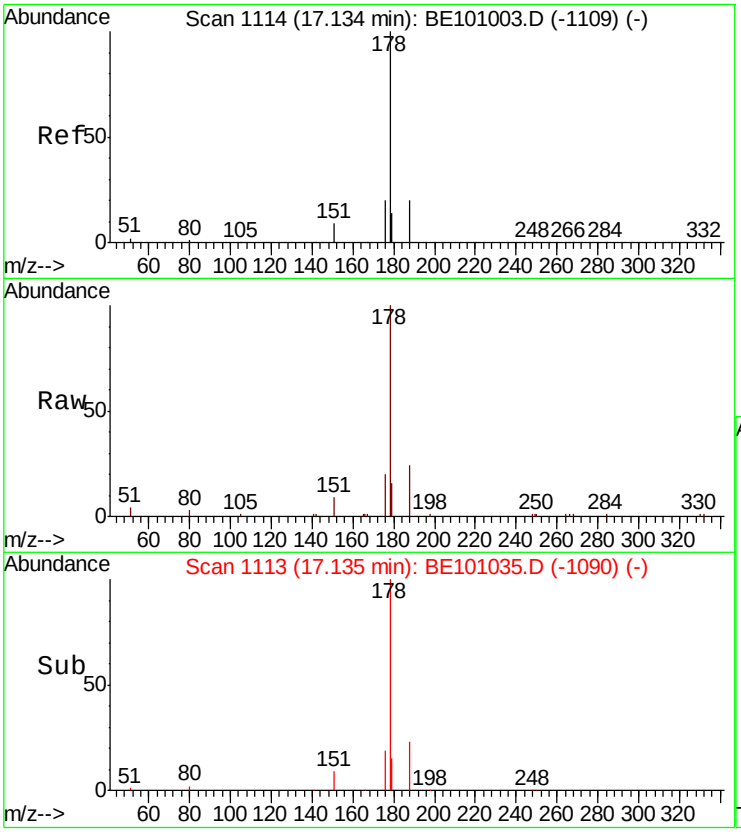


#22
Pentachlorophenol
Concen: 0.373 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:266 Resp: 423

Ion	Ratio	Lower	Upper
266	100		
264	73.0	61.0	91.4
268	82.9	58.5	87.7



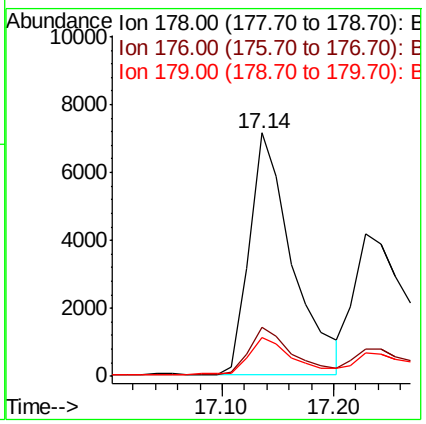


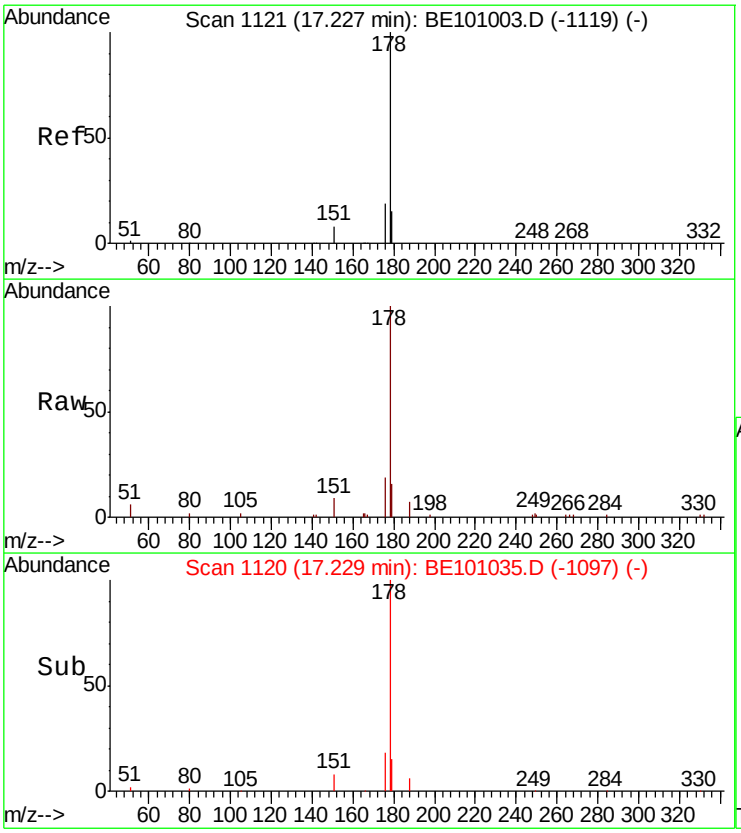
#23
Phenanthrene
Concen: 0.381 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 19107

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.1	12.0	18.0

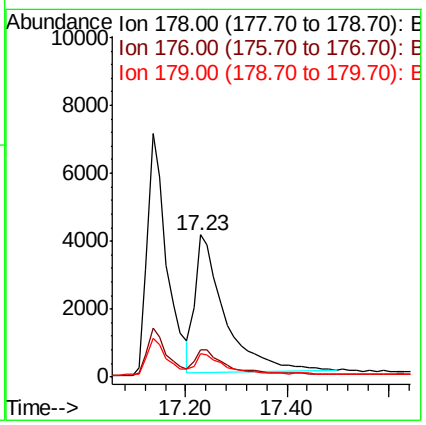


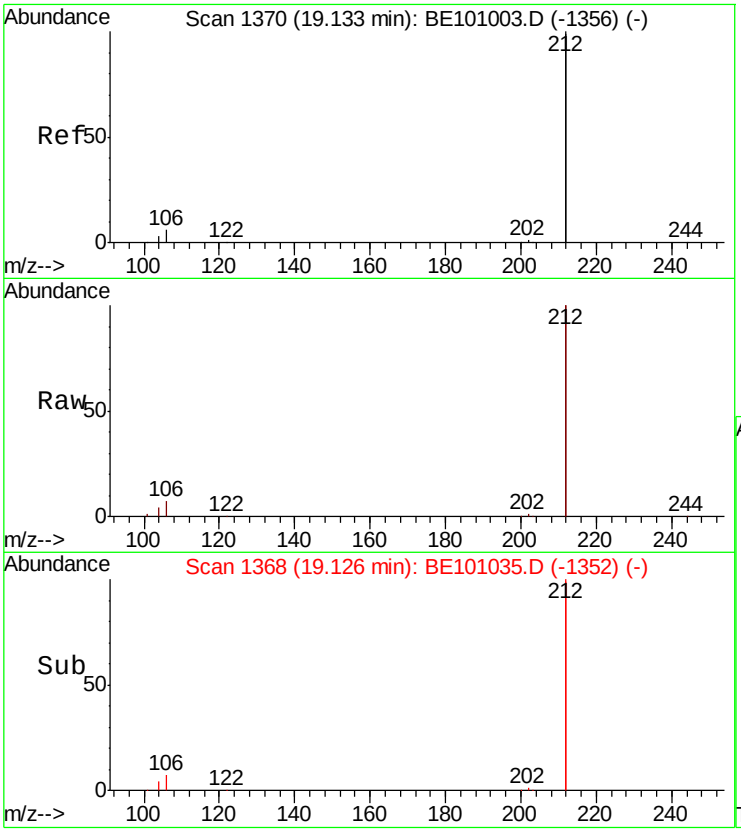


#24
Anthracene
Concen: 0.352 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:178 Resp: 16676

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	13.6	12.4	18.6



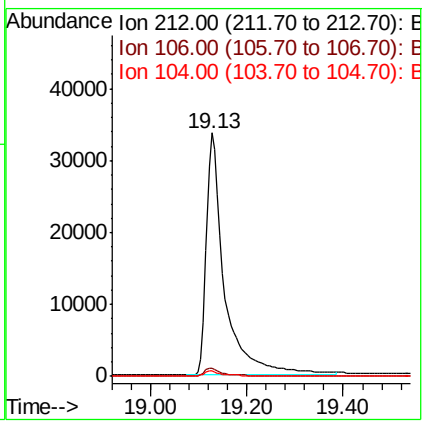


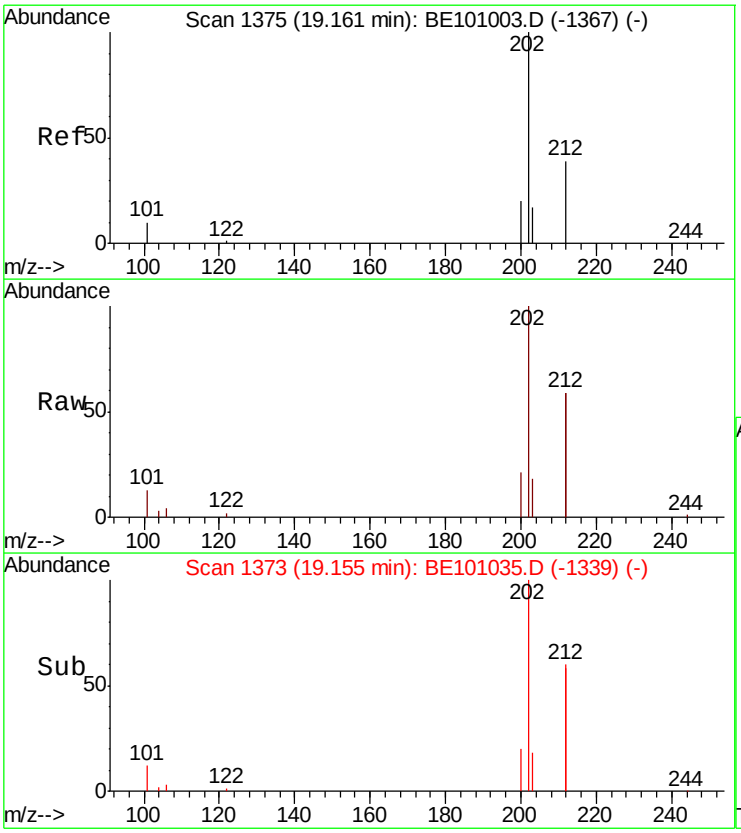
#25
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 89451

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.9	1.4	2.0

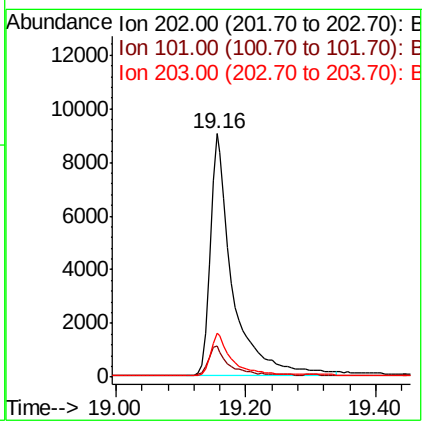


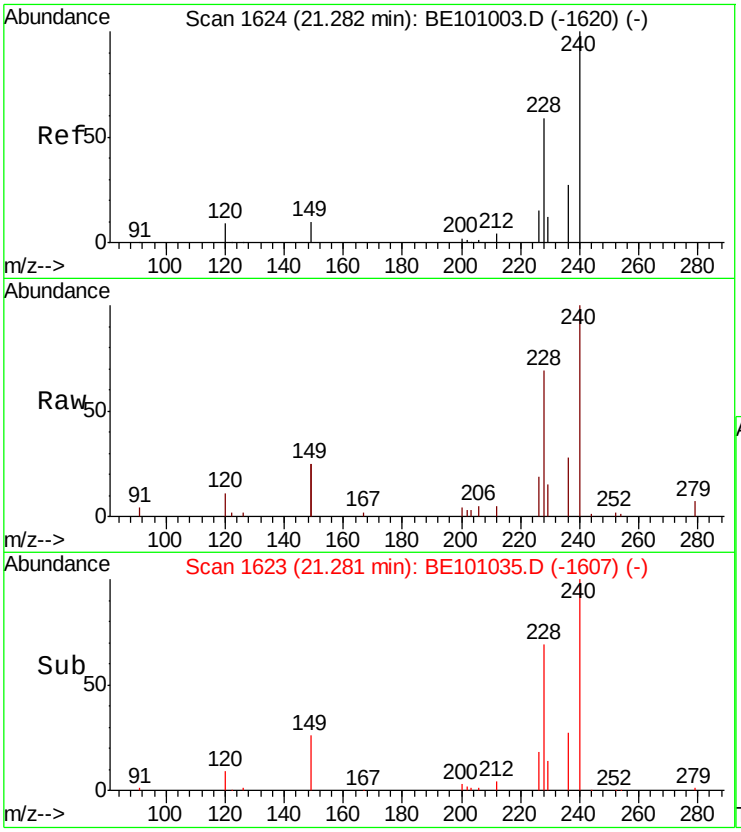


#26
Fluoranthene
Concen: 0.345 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:202 Resp: 21652

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	16.8	13.8	20.6



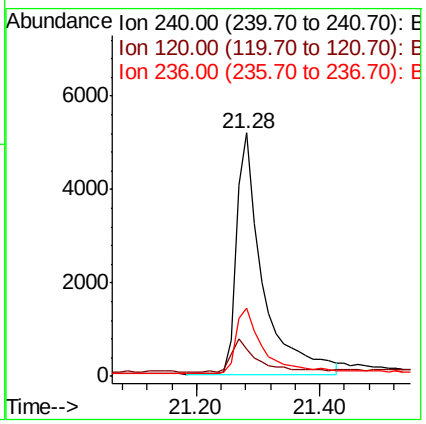


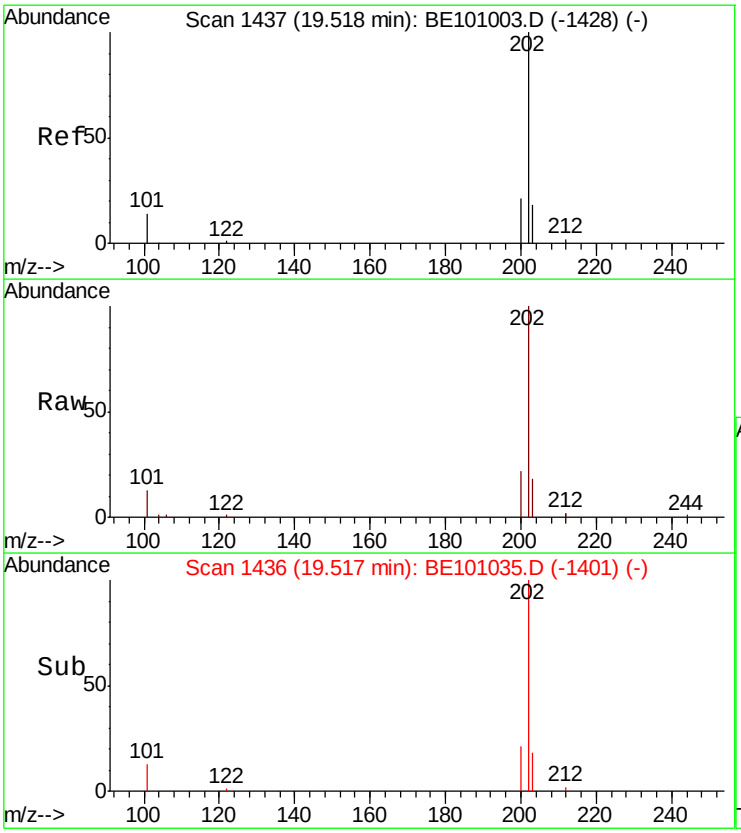
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 14913

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.6	13.0
236	27.9	22.2	33.4

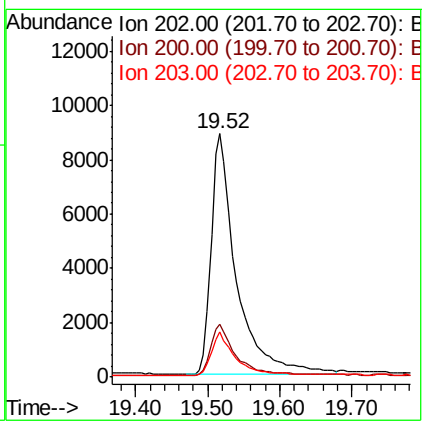


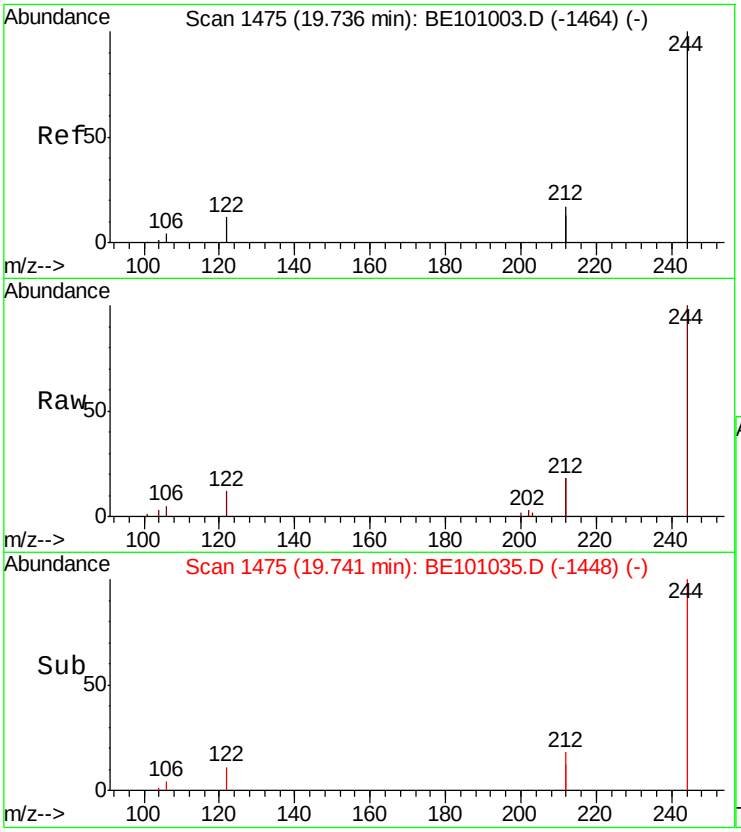


#28
Pyrene
Concen: 0.386 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:202 Resp: 21413

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.1	13.8	20.6



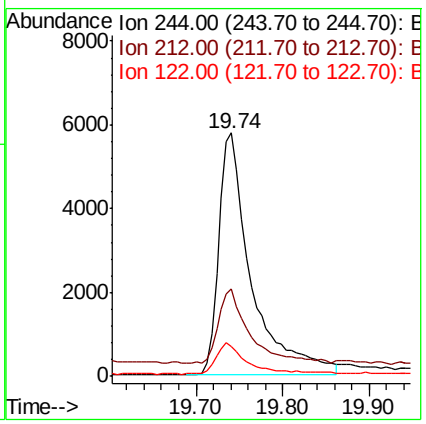


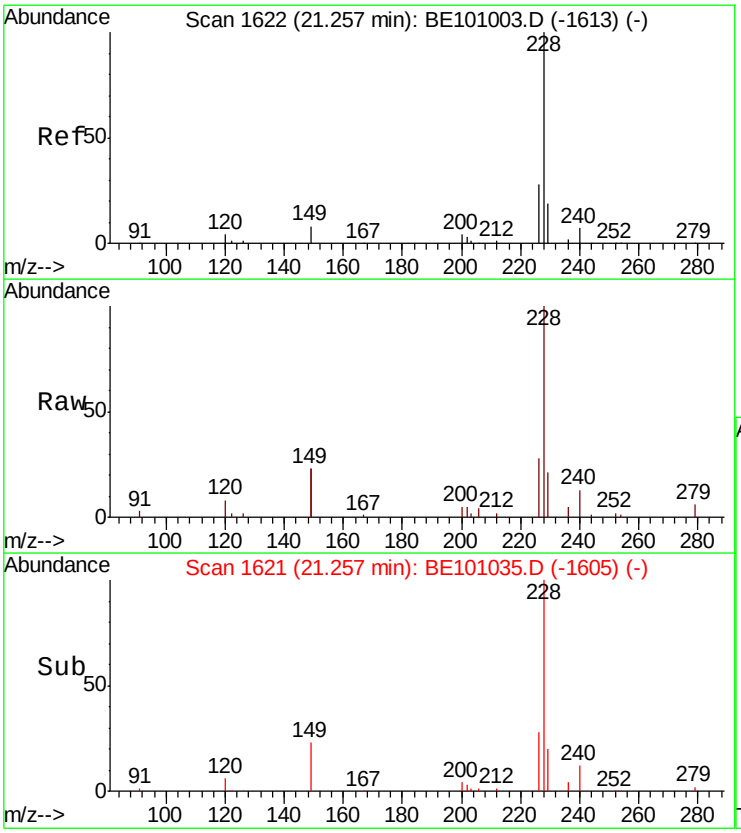
#29
Terphenyl-d14
Concen: 0.409 ng
RT: 19.74 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14982

Ion	Ratio	Lower	Upper
244	100		
212	36.0	27.2	40.8
122	12.4	9.8	14.8

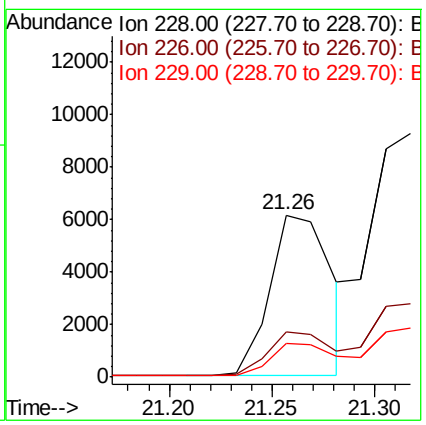


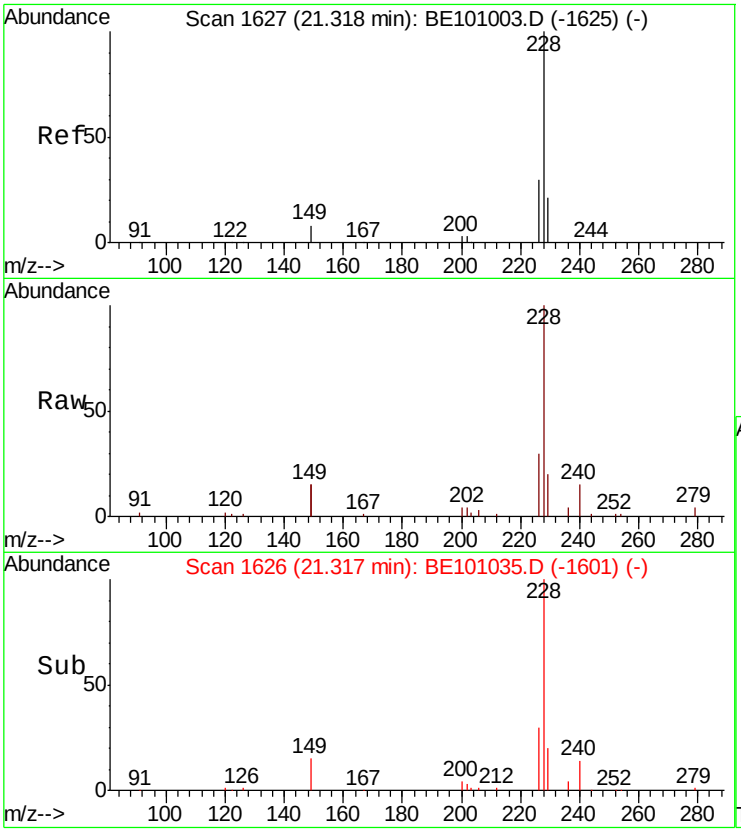


#30
Benzo(a)anthracene
Concen: 0.301 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:228 Resp: 12814

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.9	15.5	23.3



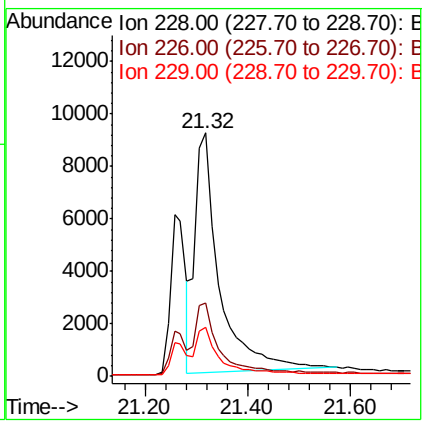


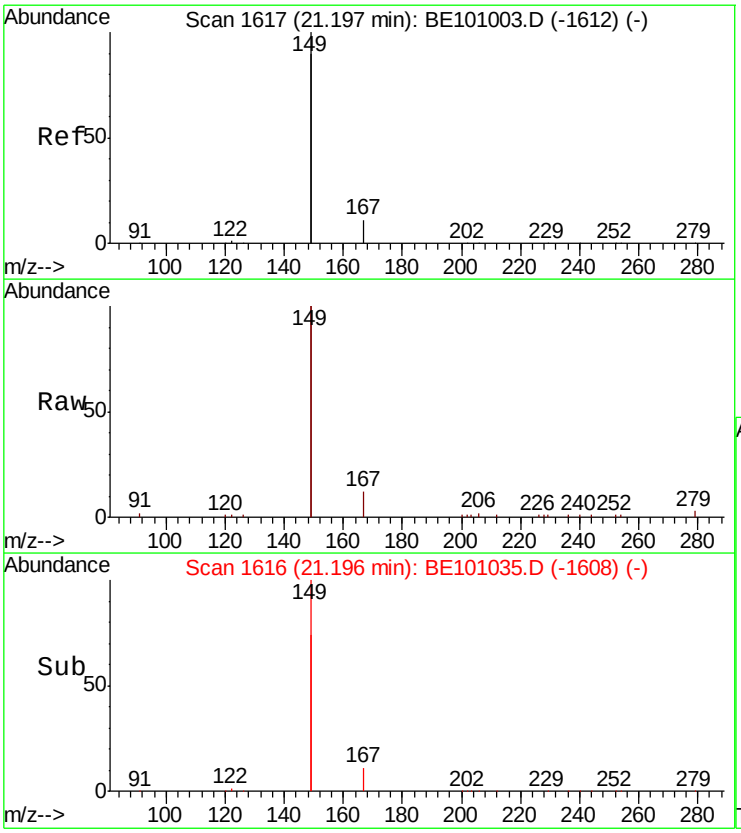
#31
Chrysene
Concen: 0.469 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 29687

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	20.1	16.7	25.1

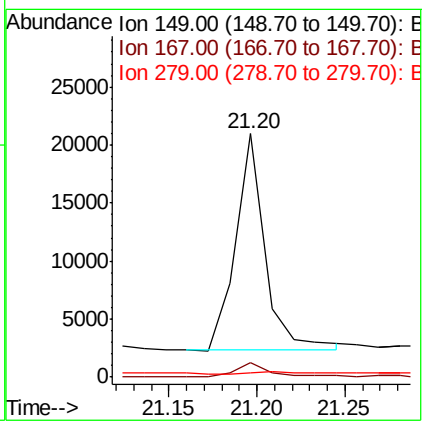


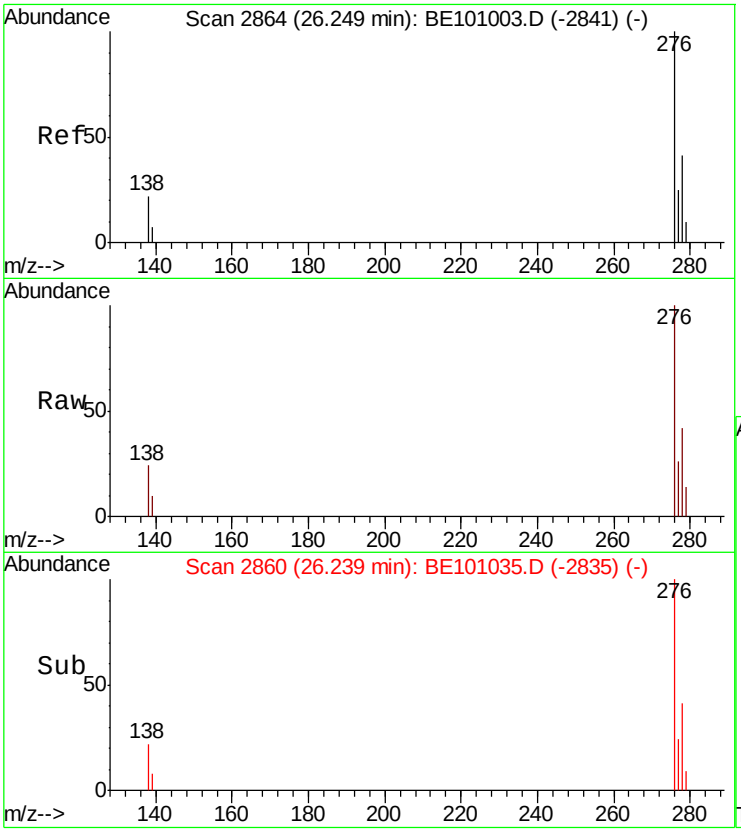


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.305 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:149 Resp: 21661

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.2	7.8
279	1.4	0.8	1.2#



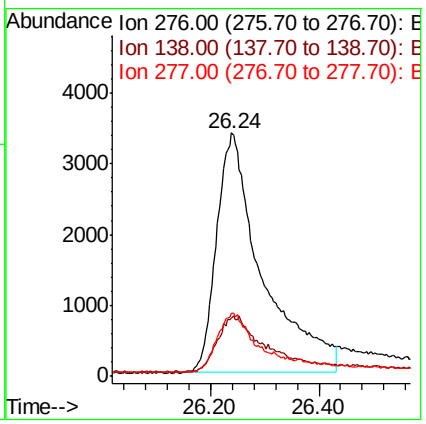


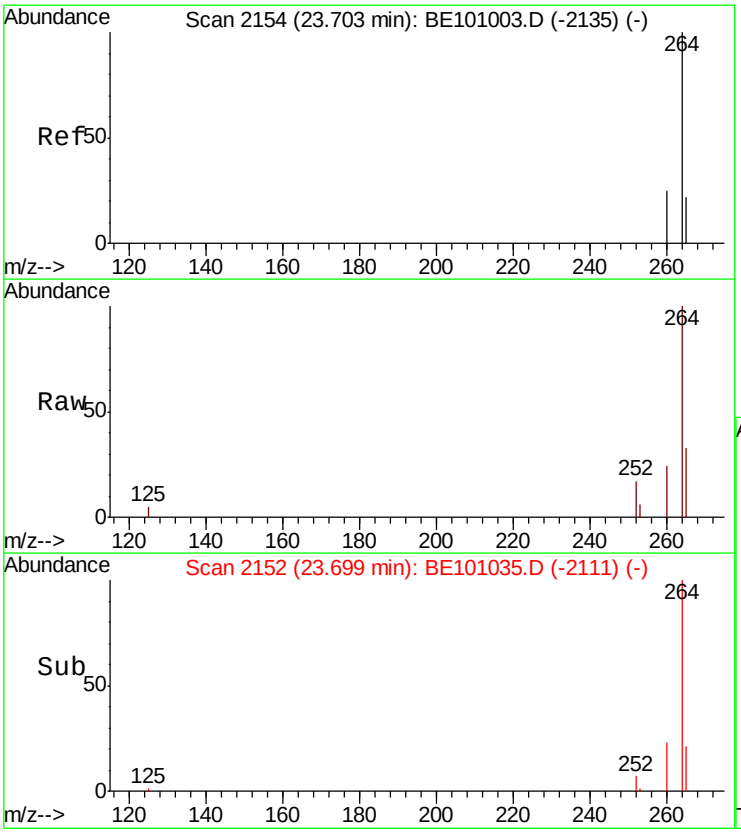
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19741

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.1	24.1
277	22.1	18.1	27.1

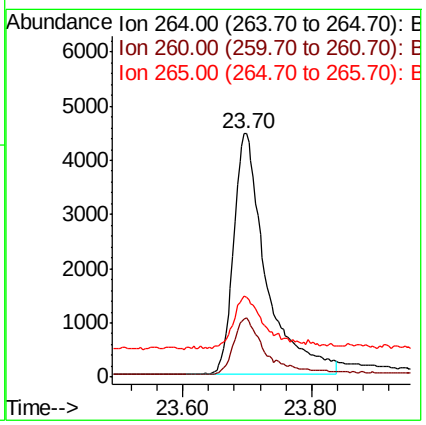


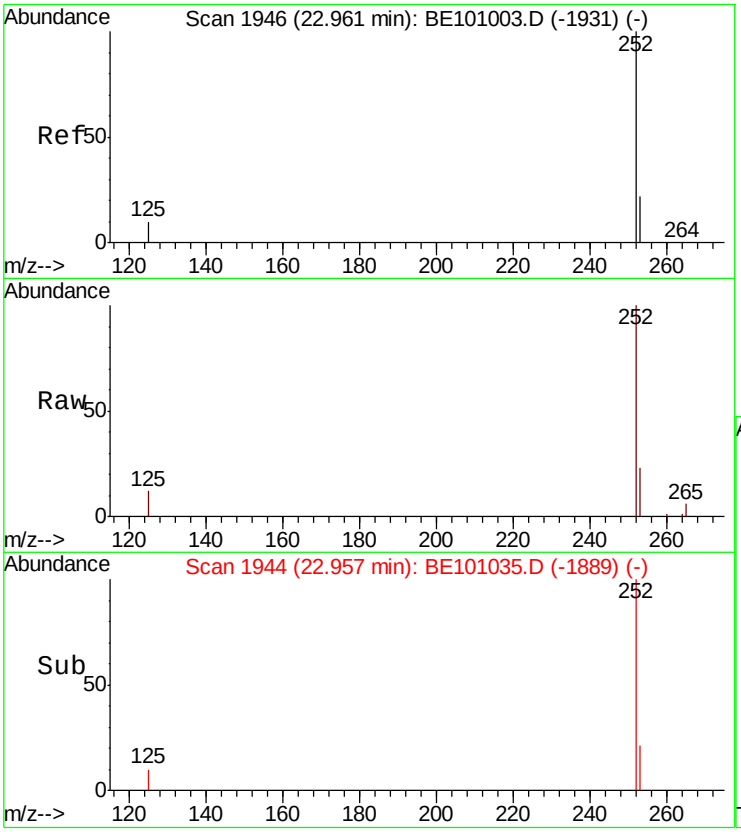


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:264 Resp: 15602

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	33.0	27.0	40.4



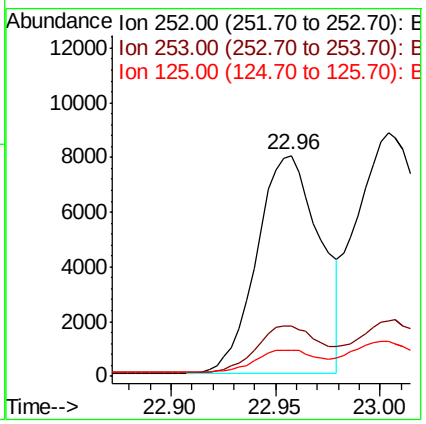


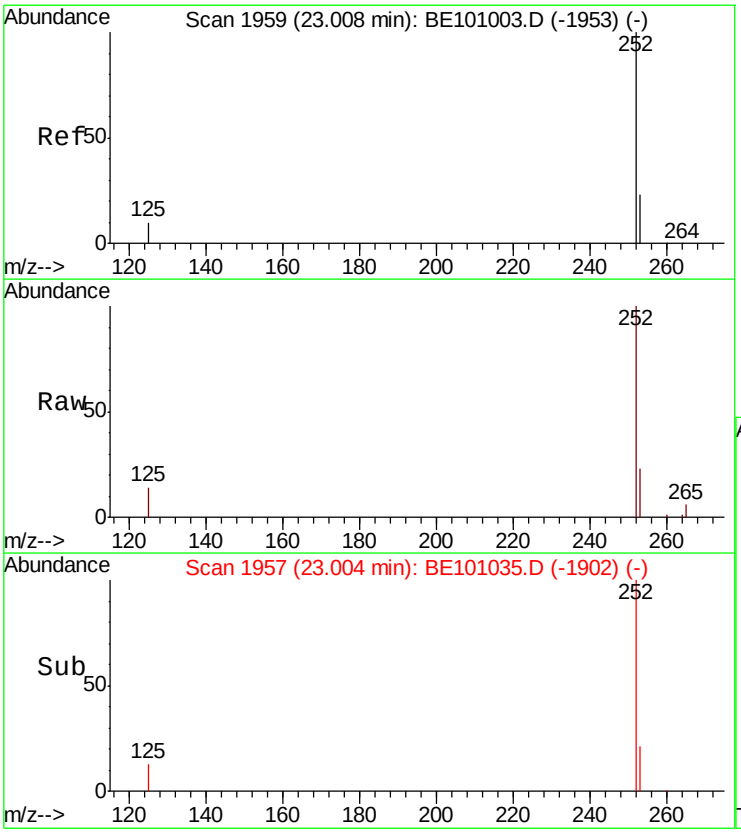
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16742

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.7	9.5	14.3

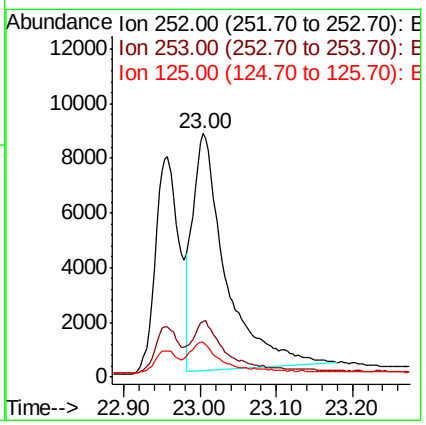


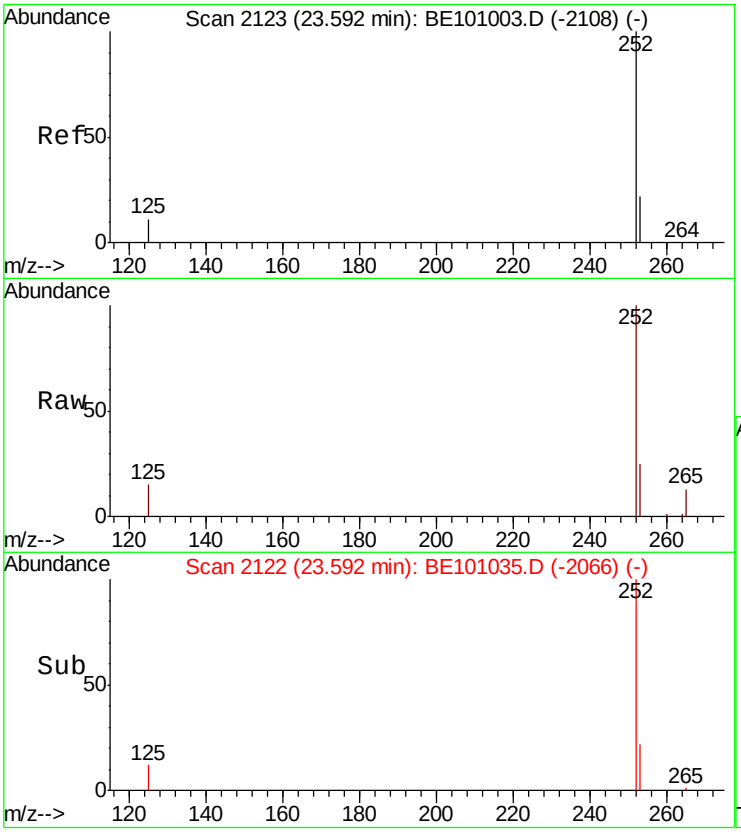


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:252 Resp: 26148

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.9	28.3
125	14.1	10.1	15.1



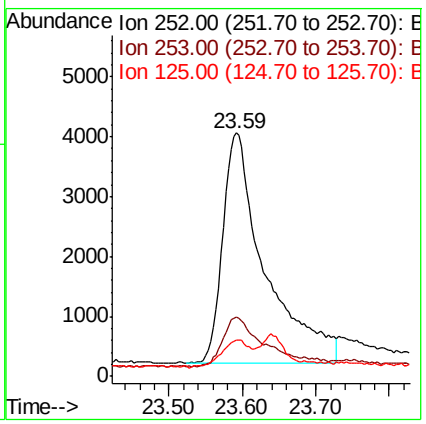


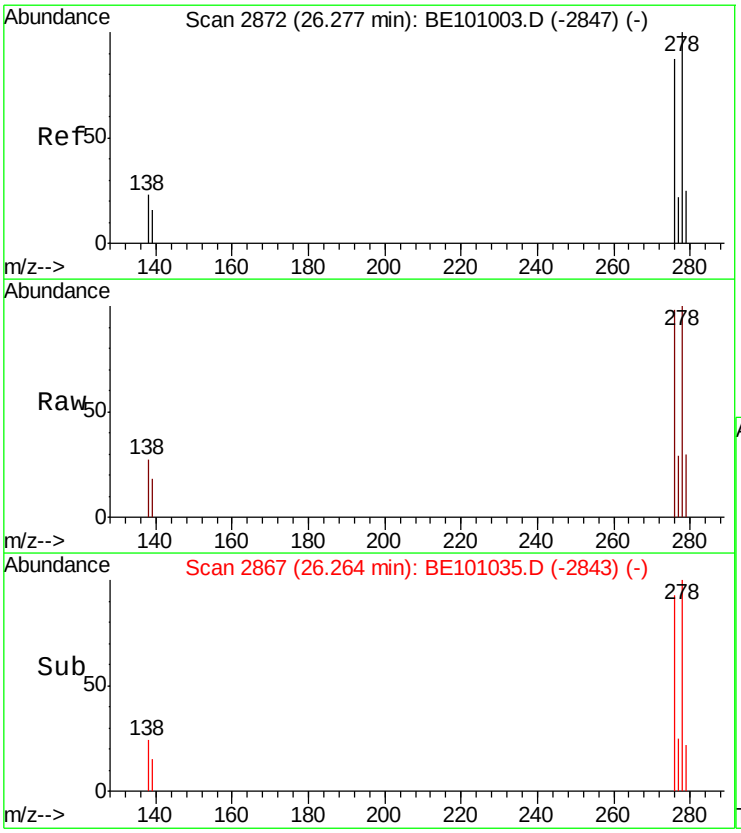
#37
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.59 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15496

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.2
125	15.1	11.8	17.6

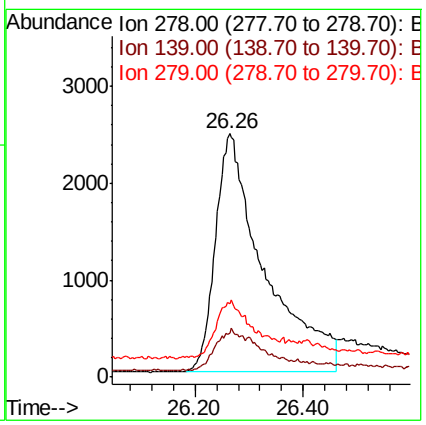


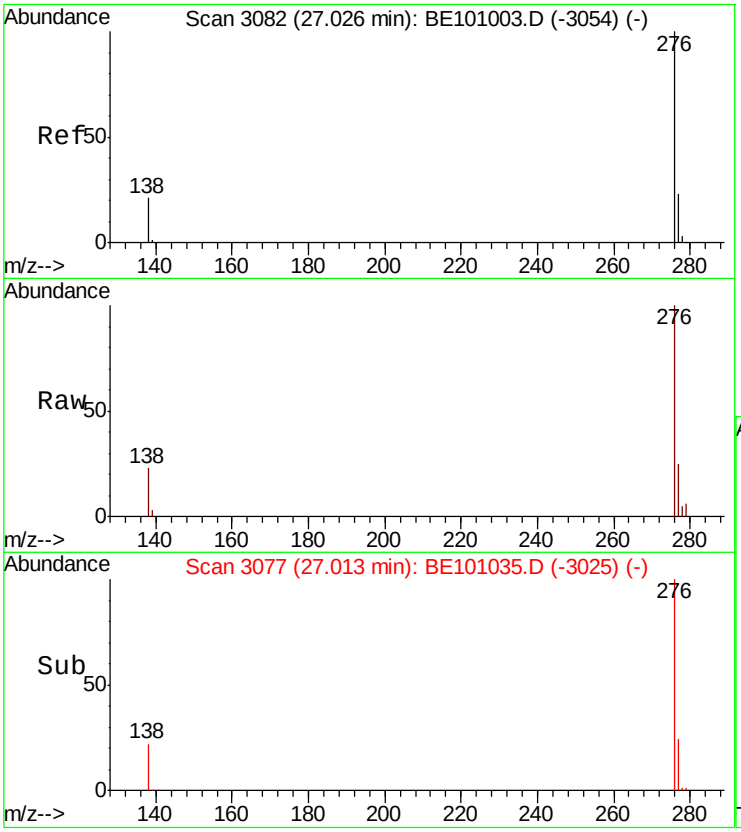


#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.26 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Tgt Ion:278 Resp: 15292

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.0	22.4
279	30.1	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.410 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BE101035.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19640

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.2
138	23.1	17.9	26.9