Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101135.D
Acq On : 7 Feb 2020 13:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 07 15:24:31 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	7.71	152	1560	0.40	ng		-0.02
7) Naphthalene-d8	10.50	136	7232	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	4917	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	12115	0.40	ng		-0.01
27) Chrysene-d12	21.27	240	13372	0.40	ng		-0.01
34) Perylene-d12	23.69	264	15507	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1492	0.42	ng		-0.01
5) Phenol-d6	6.93	99	1552	0.35	ng		0.01
8) Nitrobenzene-d5	8.88	82	1917	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	12.10	152	5465	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	254	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	6707	0.36	ng		-0.01
25) Fluoranthene-d10	19.12	212	71213	0.42	ng		-0.02
29) Terphenyl-d14	19.72	244	11869	0.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1536	0.412	ng		95
3) n-Nitrosodimethylamine	3.59	42	840	0.387	ng	#	91
6) bis(2-Chloroethyl)ether	7.16	93	1405	0.266	ng	#	93
9) Naphthalene	10.55	128	31823	0.396	ng		99
10) Hexachlorobutadiene	10.83	225	1483	0.436	ng		98
12) 2-Methylnaphthalene	12.17	142	4449	0.366	ng		100
16) Acenaphthylene	14.07	152	7676	0.383	ng		100
17) Acenaphthene	14.40	154	5304	0.370	ng		99
18) Fluorene	15.39	166	6871	0.379	ng		100
20) 4-Bromophenyl-phenylether	16.29	248	2383	0.403	ng		96
21) Hexachlorobenzene	16.40	284	2548	0.393	ng		96
22) Pentachlorophenol	16.72	266	2	0.251	ng	#	76
23) Phenanthrene	17.12	178	11600	0.351	ng		99
24) Anthracene	17.23	178	12574	0.403	ng		99
26) Fluoranthene	19.14	202	16938	0.409	ng		100
28) Pyrene	19.51	202	17699	0.356	ng		99
30) Benzo(a)anthracene	21.25	228	15038	0.394	ng		99
31) Chrysene	21.31	228	22222	0.392	ng		98
32) Bis(2-ethylhexyl)phthalate	21.18	149	34337	0.540	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	19483	0.435	ng	#	93
35) Benzo(b)fluoranthene	22.95	252	14410	0.331	ng		97
36) Benzo(k)fluoranthene	22.99	252	21718	0.345	ng		100
37) Benzo(a)pyrene	23.58	252	16342	0.388	ng		99
38) Dibenzo(a,h)anthracene	26.27	278	15465	0.400	ng	#	91
39) Benzo(g,h,i)perylene	27.01	276	16992	0.357	ng		97

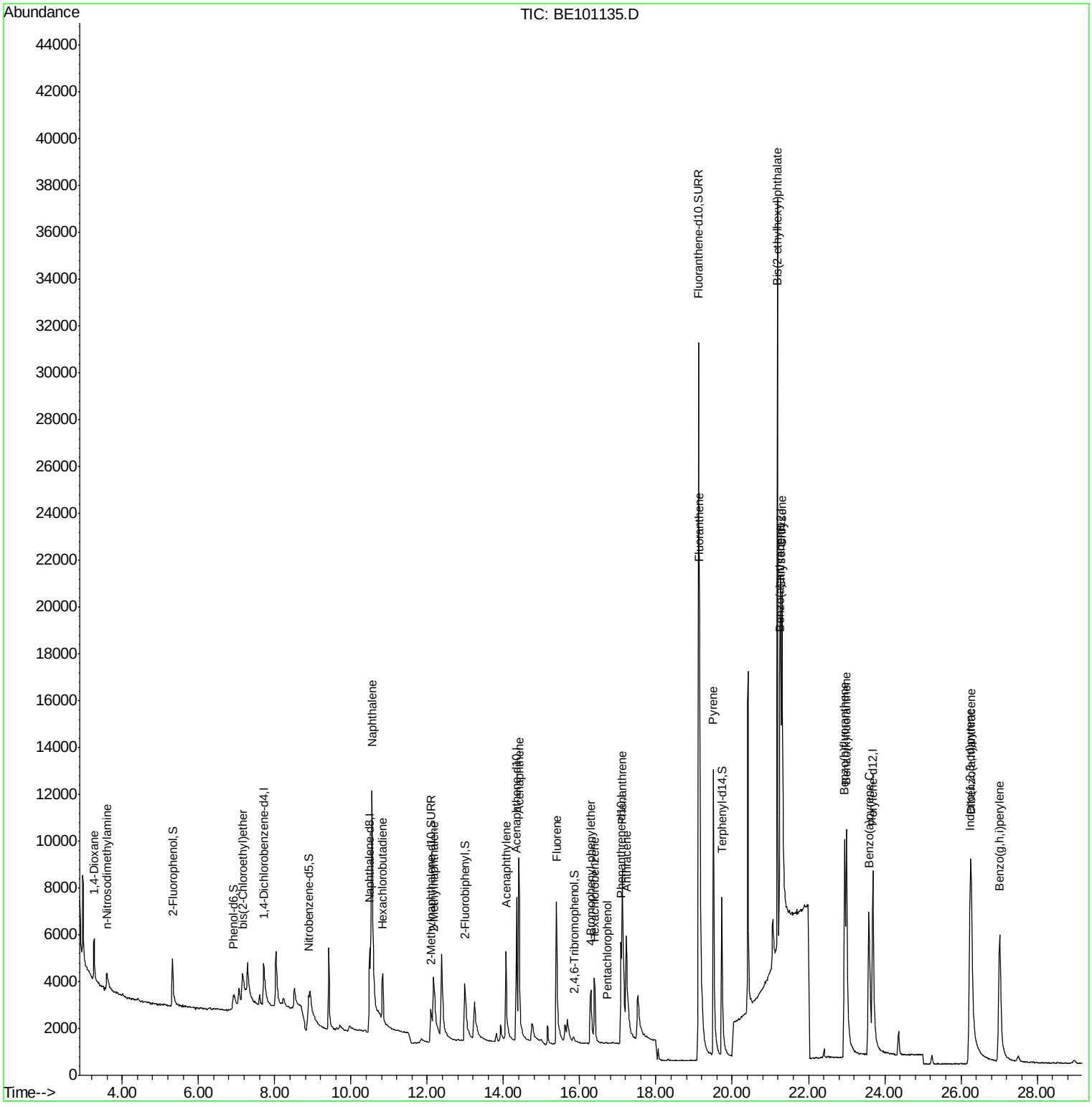
(#) = qualifier out of range (m) = manual integration (+) = signals summed

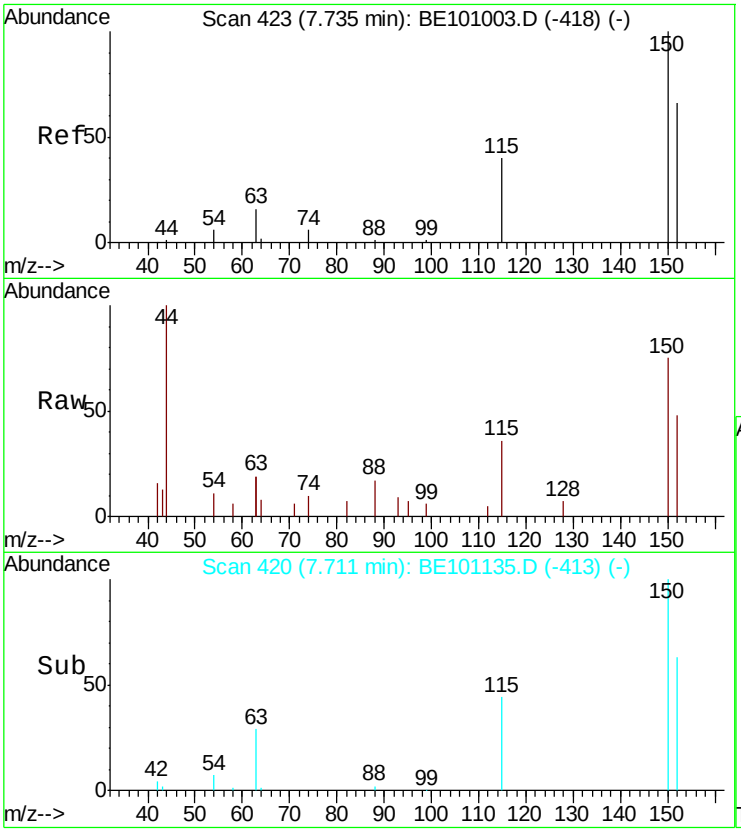
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101135.D
Acq On : 7 Feb 2020 13:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 07 15:24:31 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



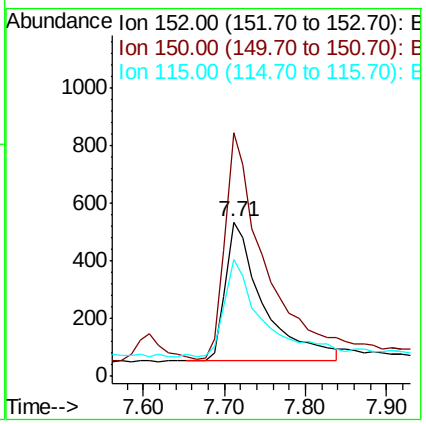


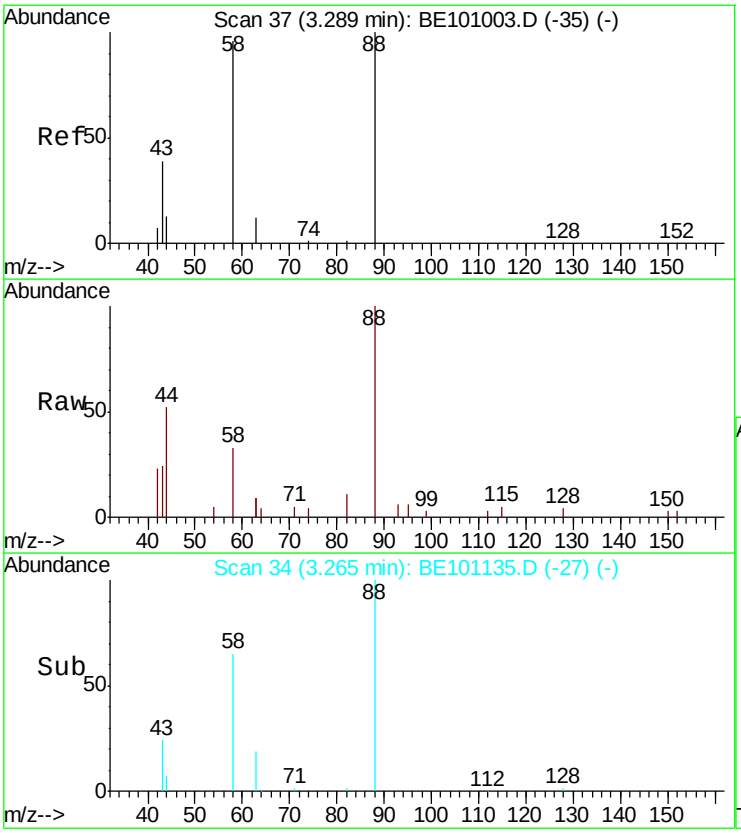
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 420
Delta R.T. -0.02 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1560

Ion	Ratio	Lower	Upper
152	100		
150	157.6	120.3	180.5
115	75.7	51.7	77.5

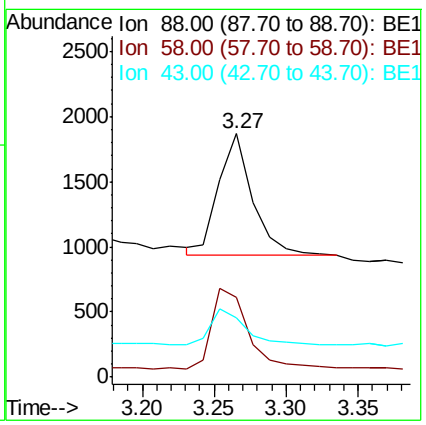


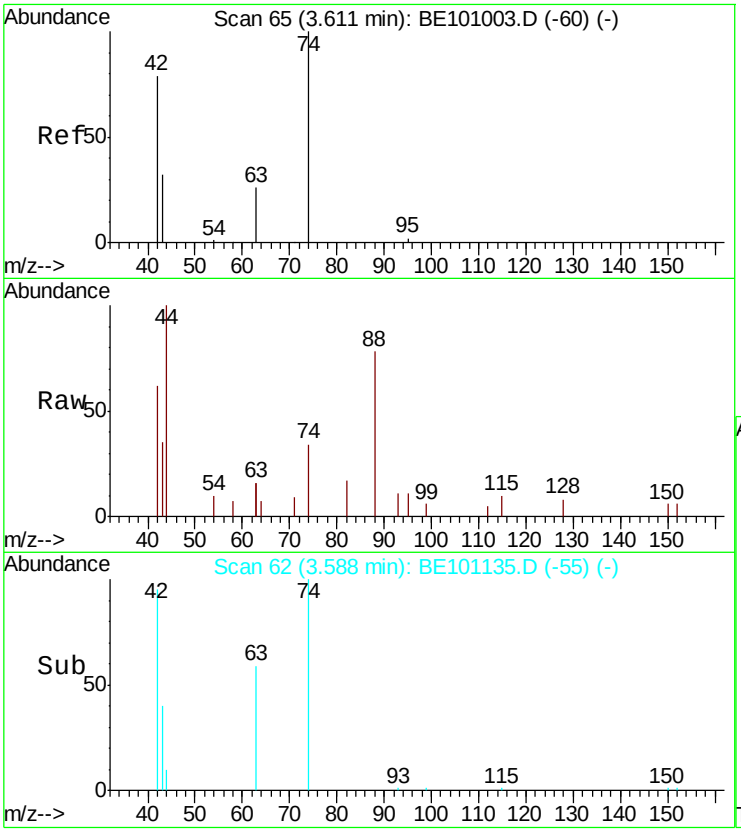


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.27 min Scan# 34
Delta R.T. -0.02 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion: 88 Resp: 1536

Ion	Ratio	Lower	Upper
88	100		
58	71.3	53.0	79.4
43	30.7	23.4	35.2



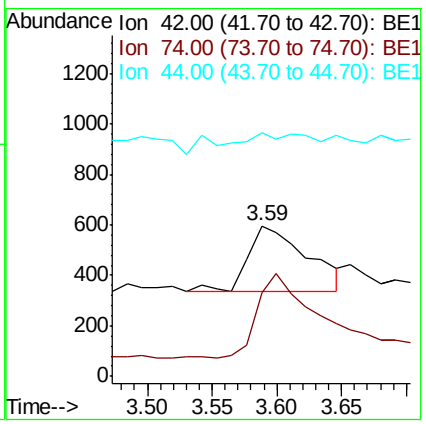


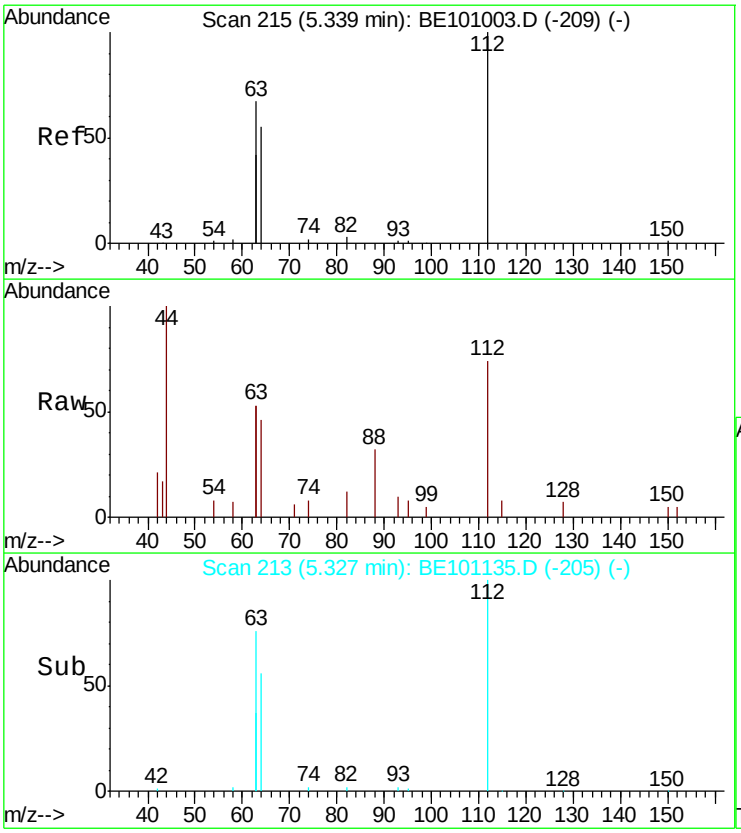
#3
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 3.59 min Scan# 62
Delta R.T. -0.02 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 840

Ion	Ratio	Lower	Upper
42	100		
74	124.3	105.7	158.5
44	24.4	10.0	15.0#

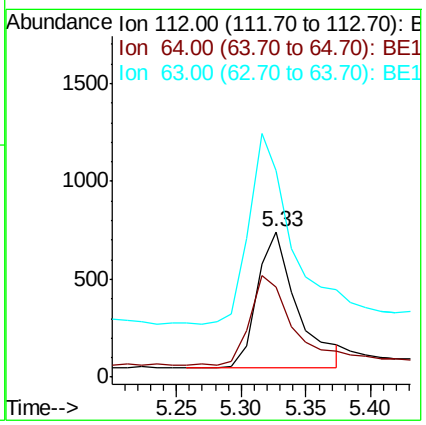


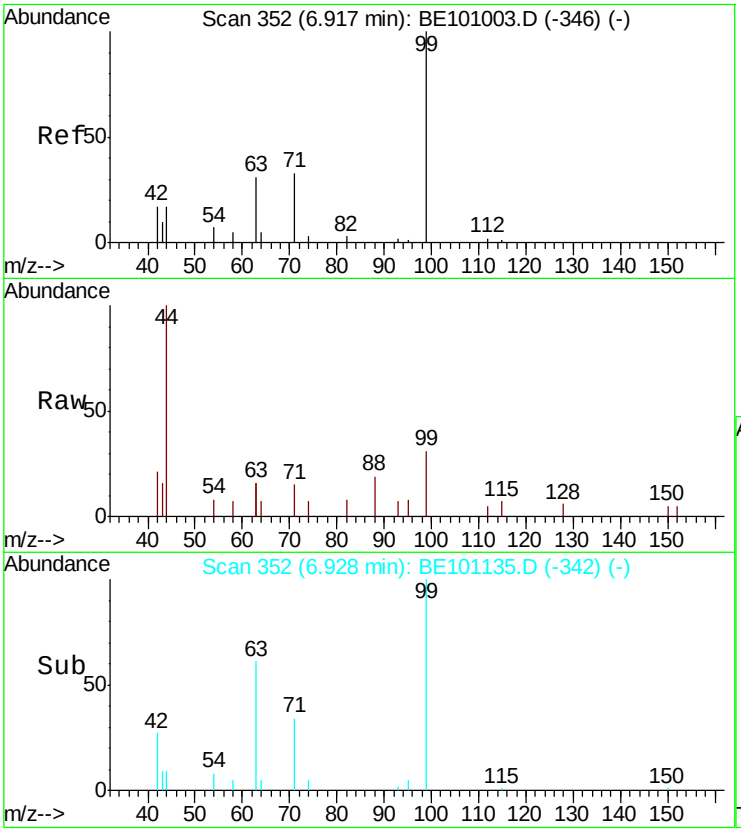


#4
2-Fluorophenol
Concen: 0.425 ng
RT: 5.33 min Scan# 213
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:112 Resp: 1492

Ion	Ratio	Lower	Upper
112	100		
64	70.2	53.6	80.4
63	149.3	114.6	172.0



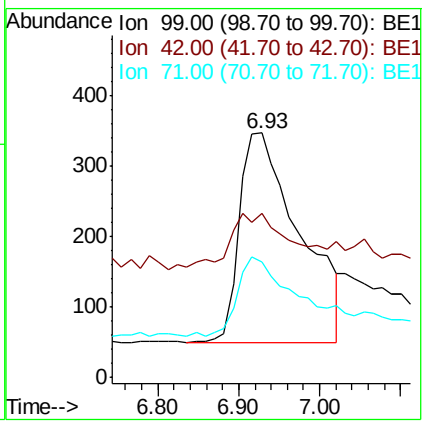


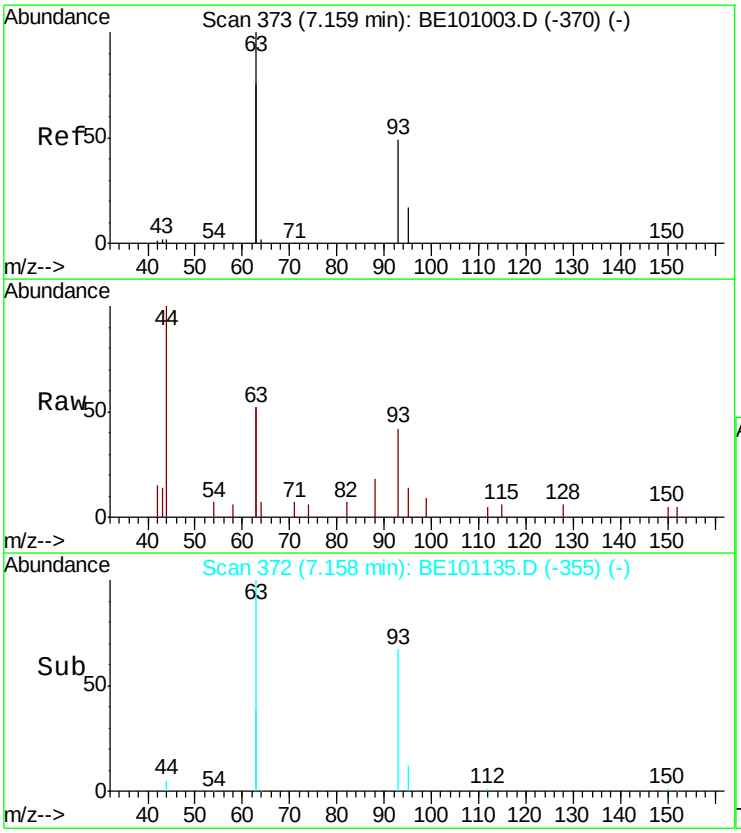
#5
Phenol-d6
Concen: 0.349 ng
RT: 6.93 min Scan# 352
Delta R.T. 0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1552

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.3	27.5#
71	35.7	28.0	42.0

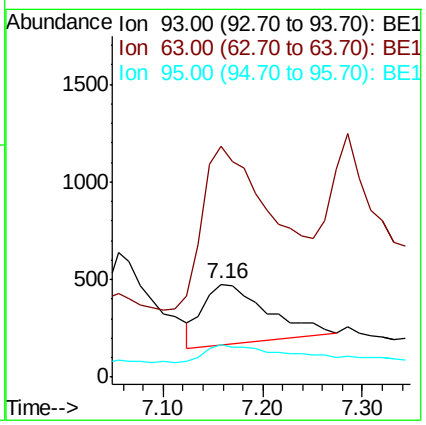


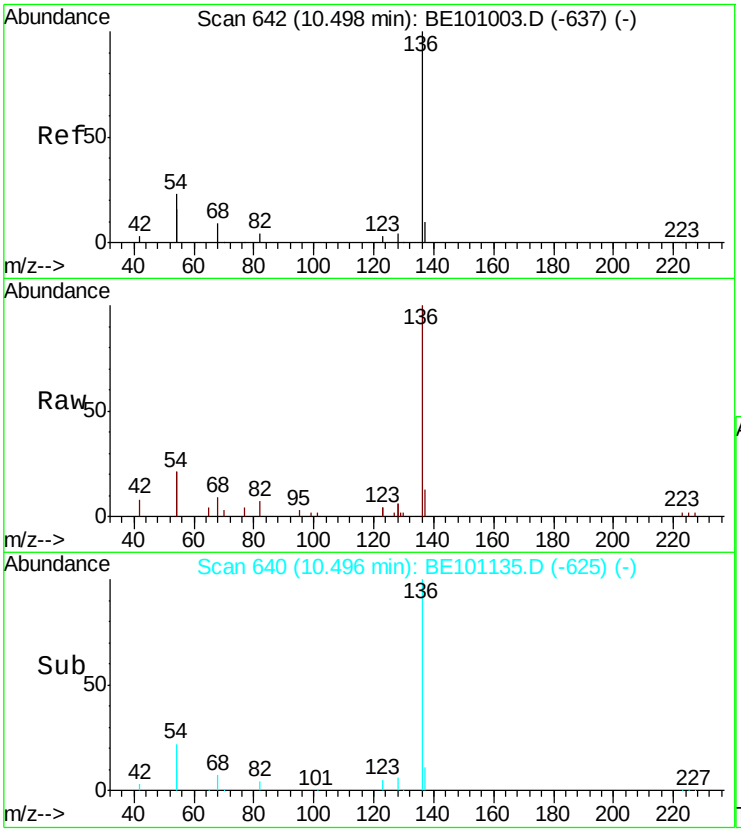


#6
bis(2-Chloroethyl)ether
Concen: 0.266 ng
RT: 7.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion: 93 Resp: 1405

Ion	Ratio	Lower	Upper
93	100		
63	303.9	233.9	350.9
95	37.4	23.5	35.3#



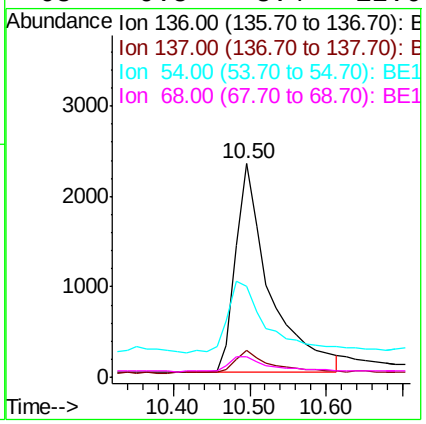


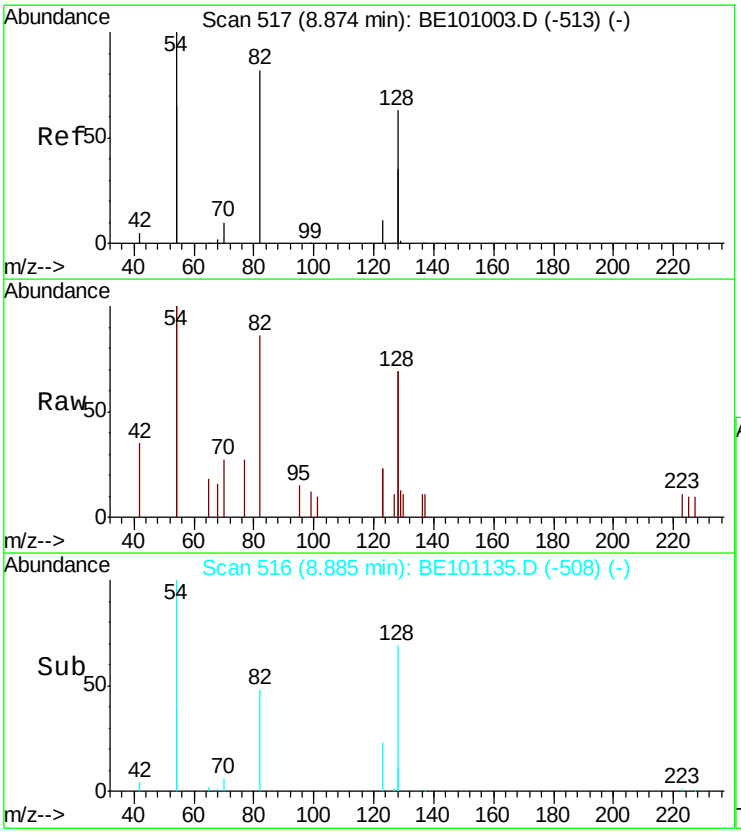
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 7232

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.3	13.9
54	42.5	36.8	55.2
68	9.5	8.4	12.6

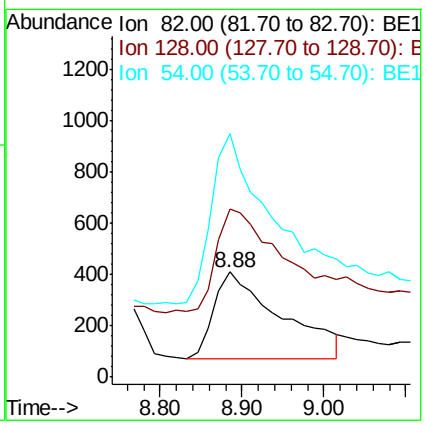


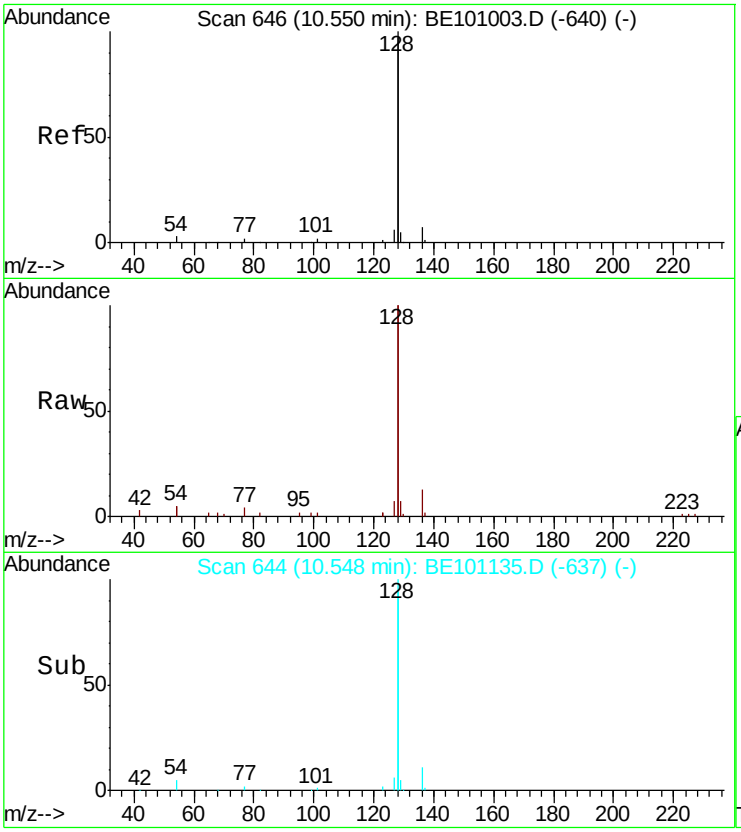


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.88 min Scan# 516
Delta R.T. 0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion: 82 Resp: 1917

Ion	Ratio	Lower	Upper
82	100		
128	159.9	109.8	164.6
54	232.3	174.5	261.7



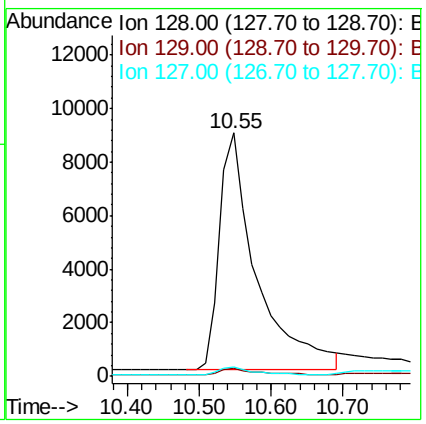


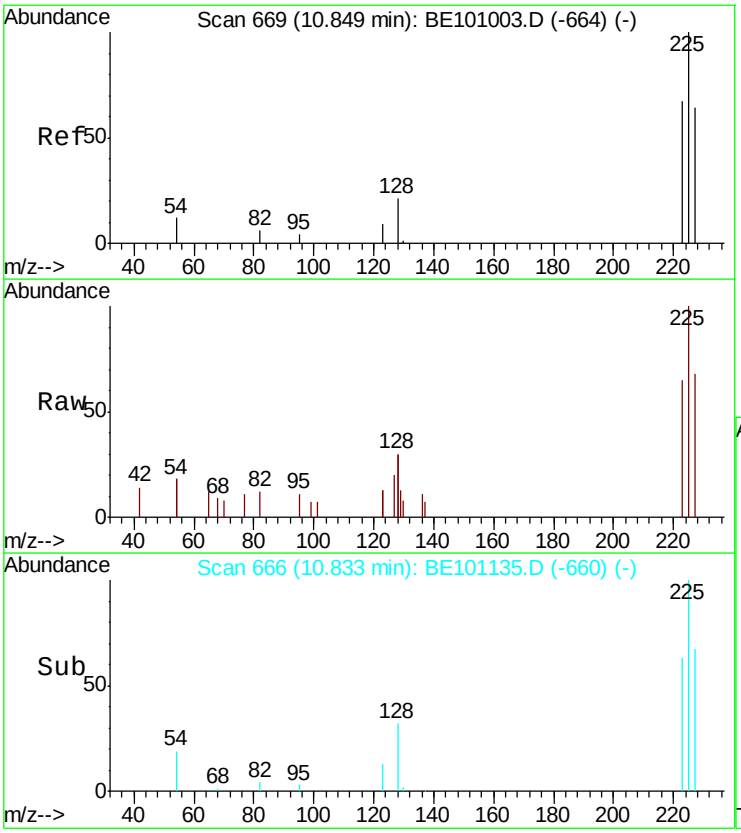
#9
Naphthalene
Concen: 0.396 ng
RT: 10.55 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 31823

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.3	3.5
127	3.6	2.7	4.1

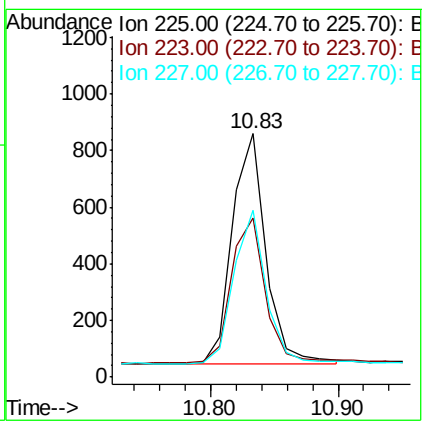


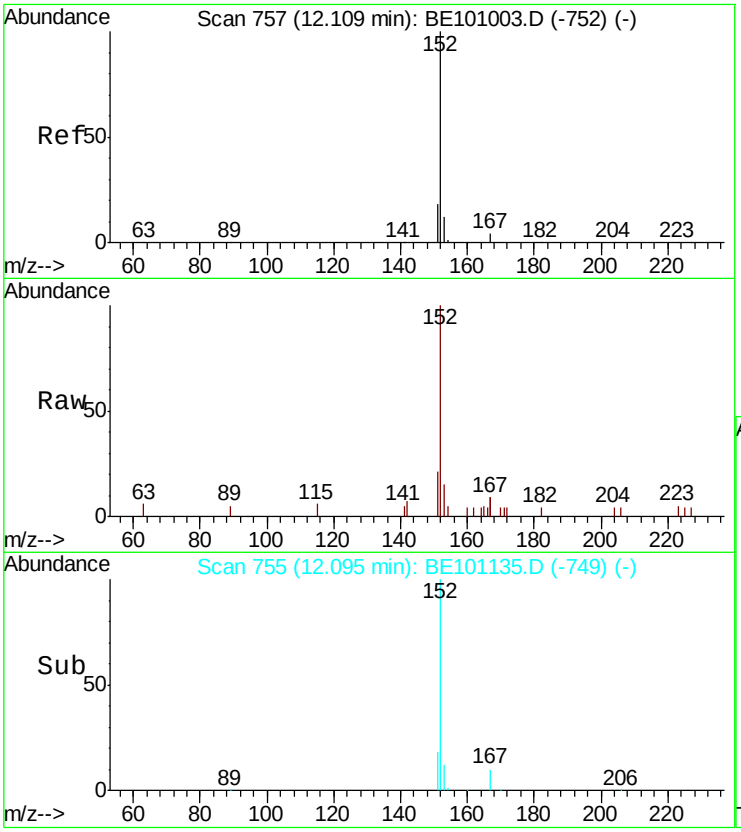


#10
Hexachlorobutadiene
Concen: 0.436 ng
RT: 10.83 min Scan# 666
Delta R.T. -0.02 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:225 Resp: 1483

Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.4
227	63.9	49.9	74.9



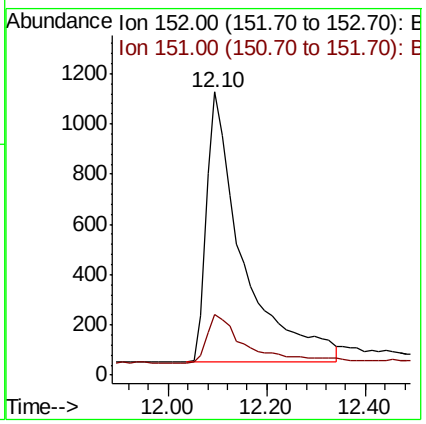


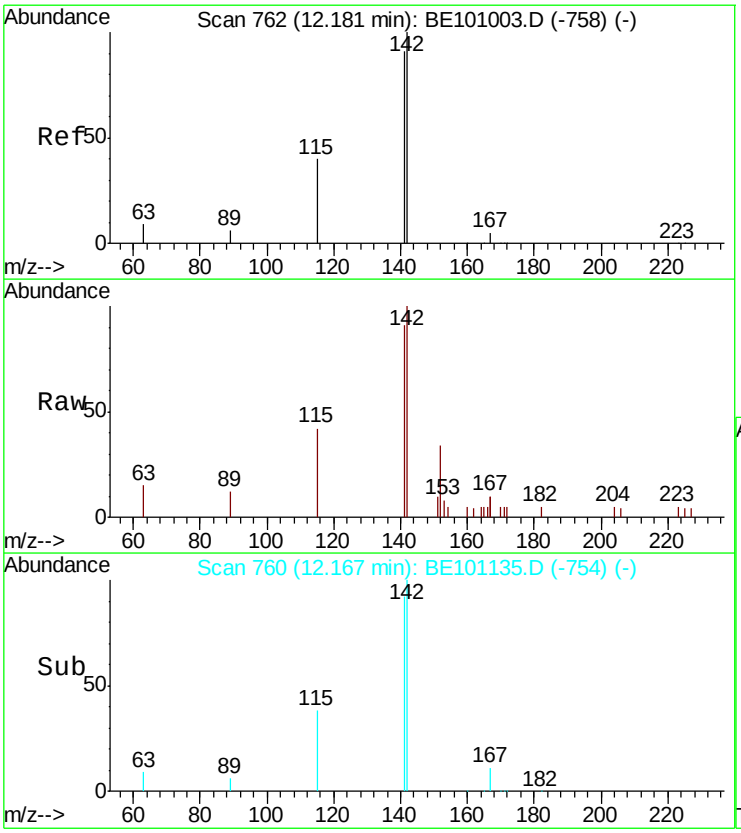
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.10 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5465

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6

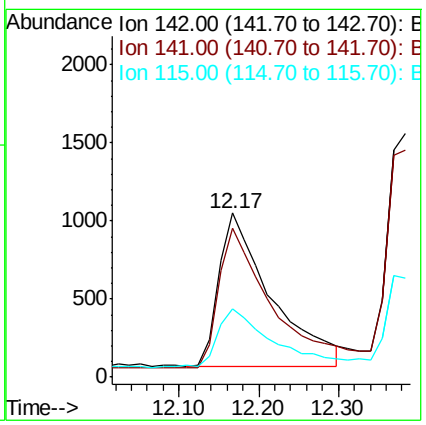


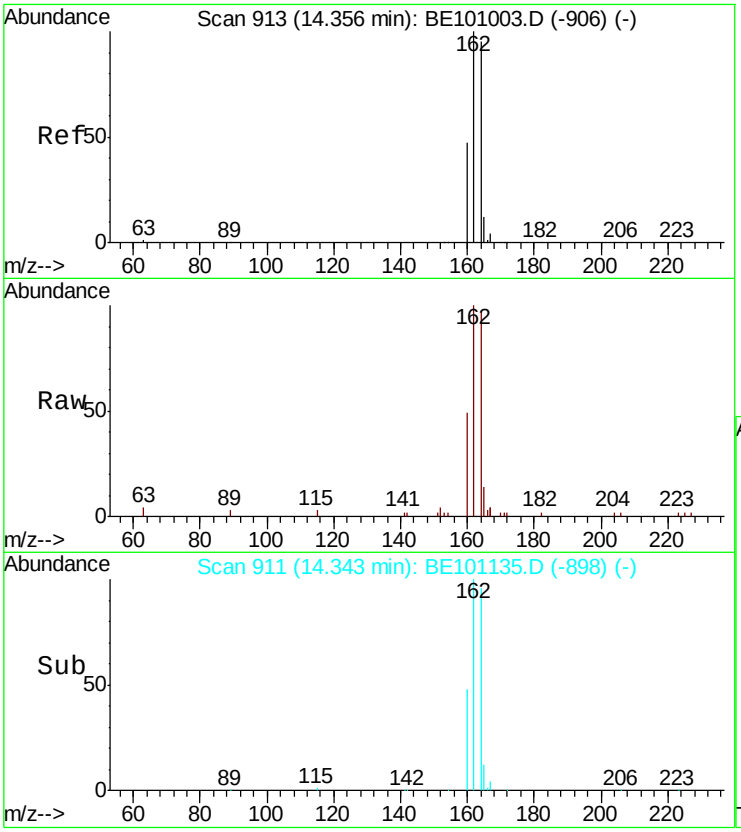


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:142 Resp: 4449

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7
115	41.9	33.0	49.6



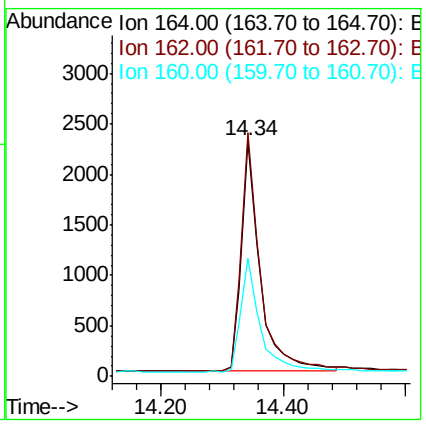


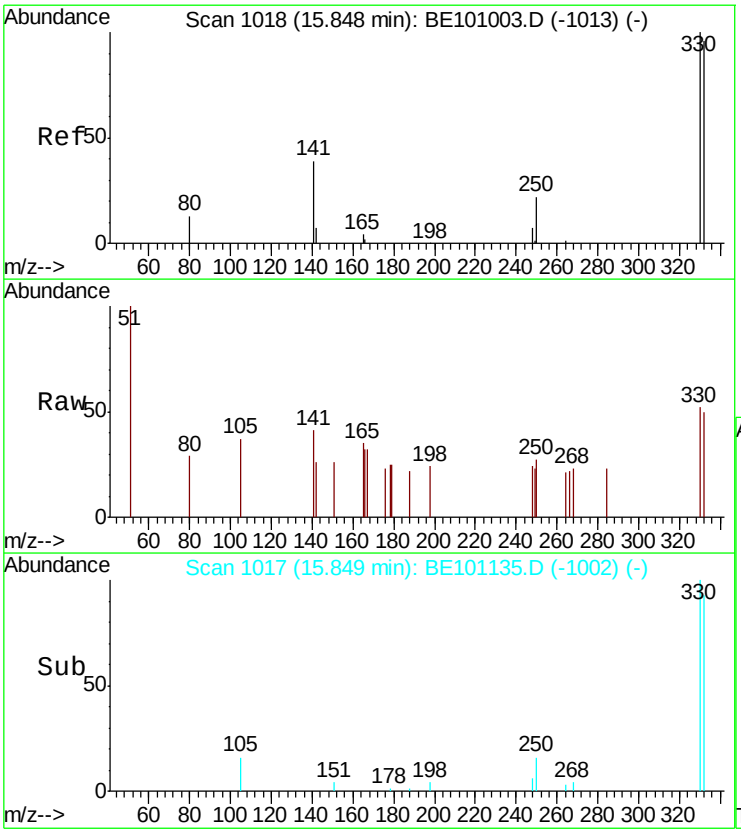
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4917

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.1	126.1
160	50.5	40.4	60.6

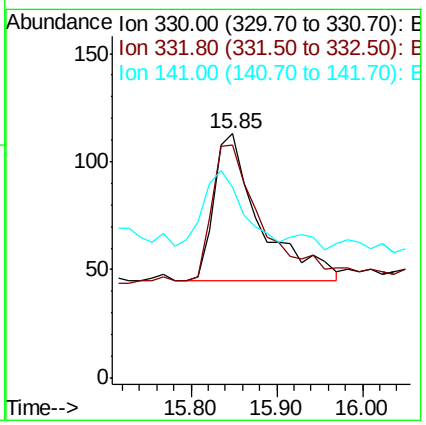


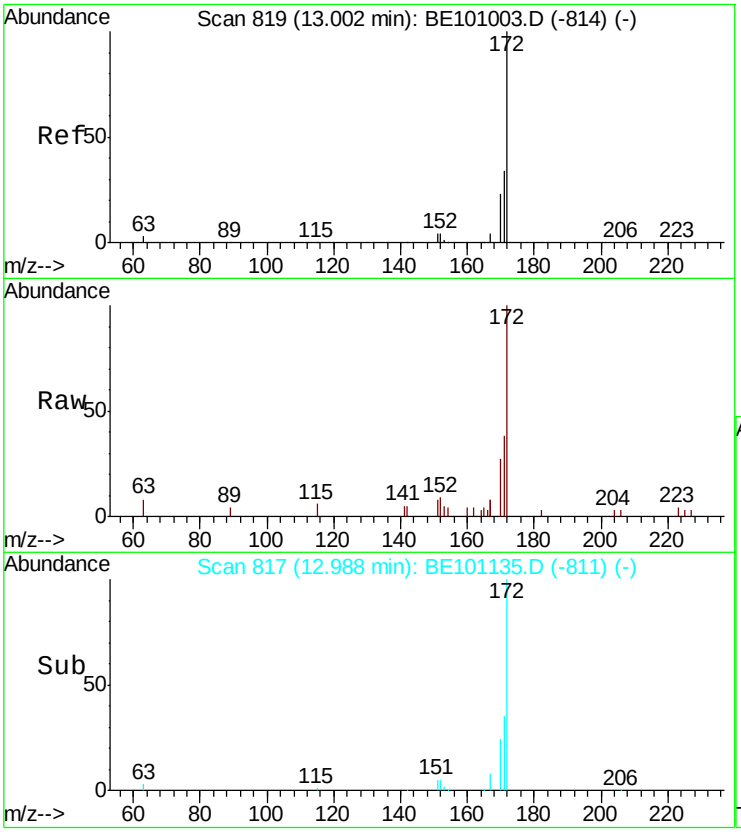


#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:330 Resp: 254

Ion	Ratio	Lower	Upper
330	100		
332	100.0	78.4	117.6
141	42.9	37.0	55.4



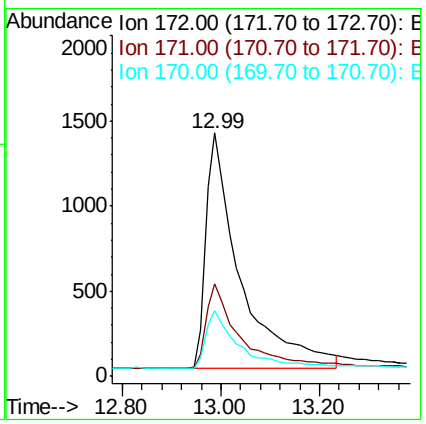


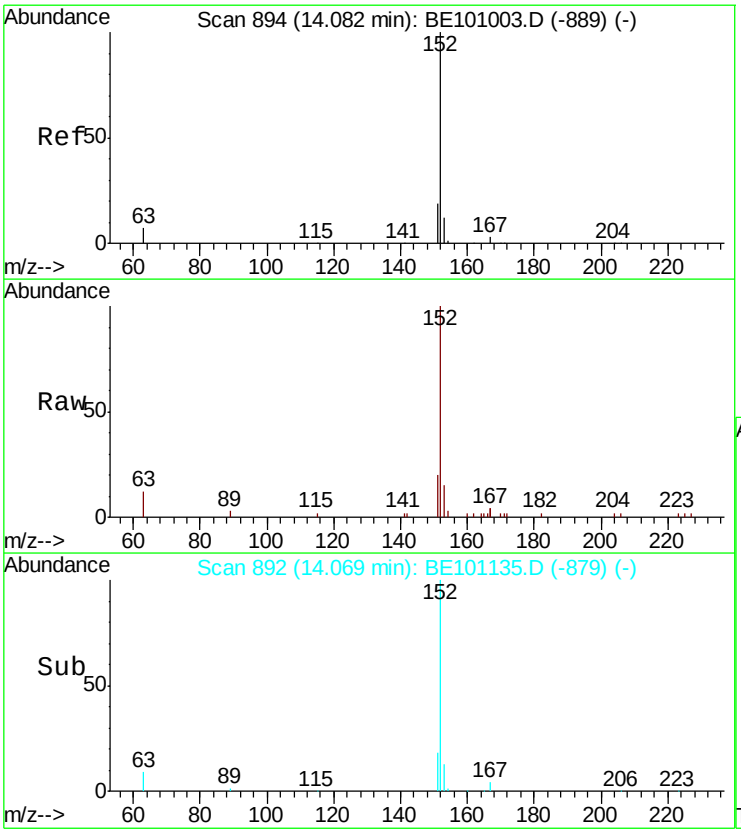
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6707

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.2	42.2
170	26.8	18.9	28.3

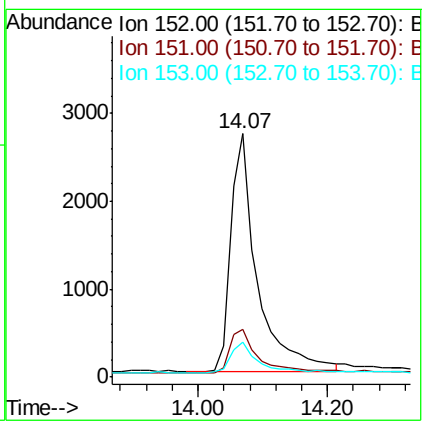


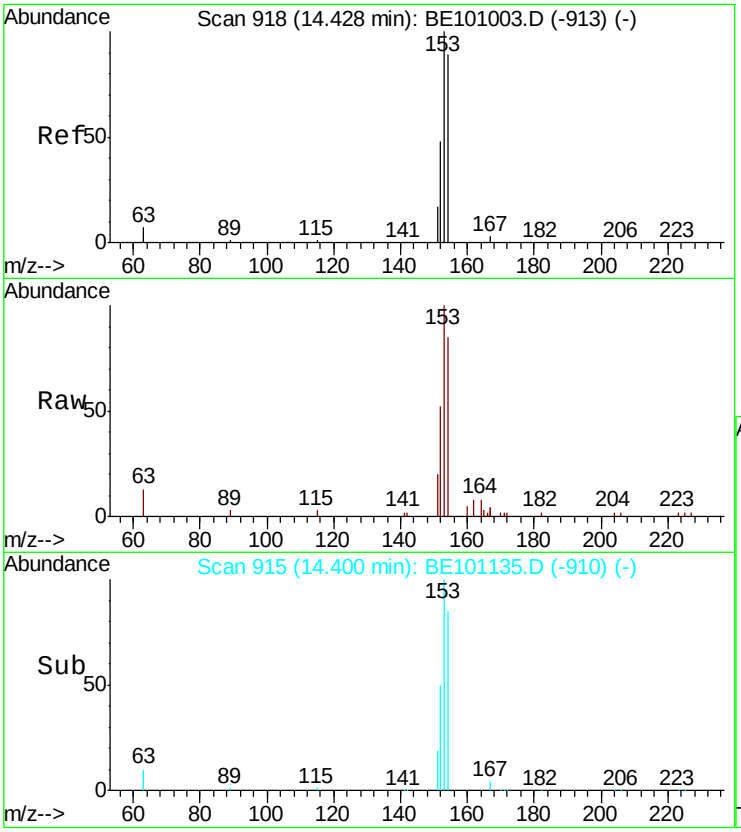


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:152 Resp: 7676

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.4	15.6



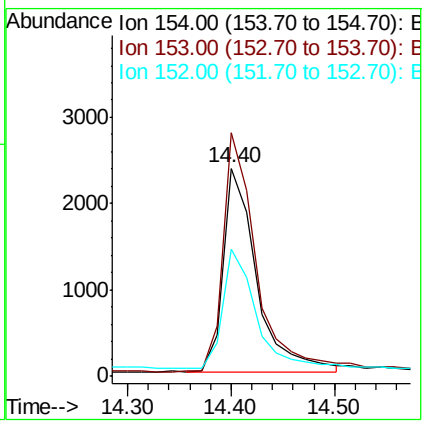


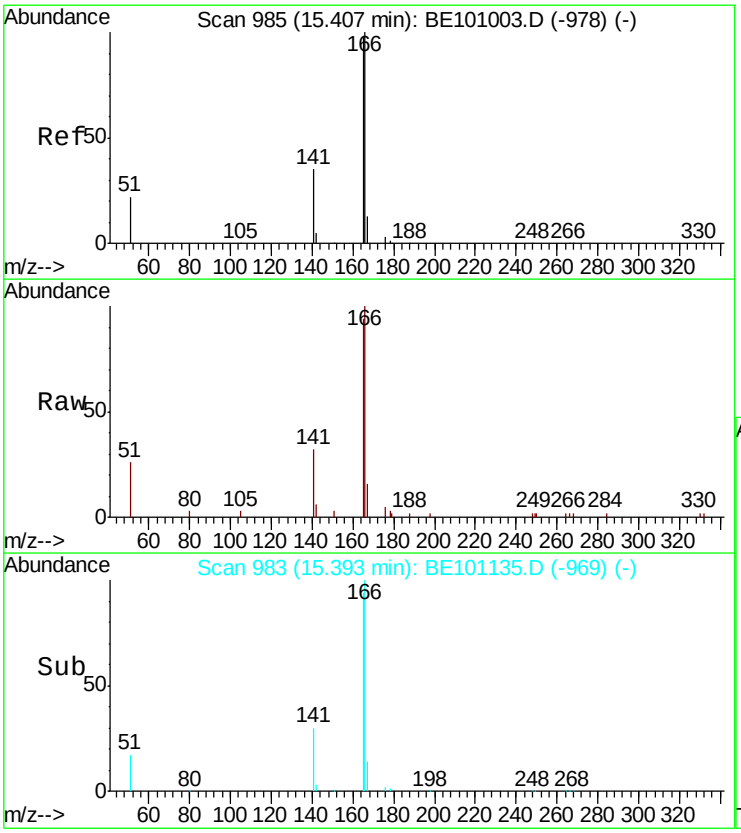
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.03 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 5304

Ion	Ratio	Lower	Upper
154	100		
153	116.0	93.6	140.4
152	58.1	46.3	69.5

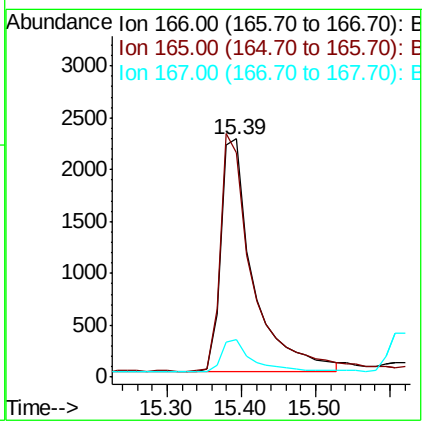


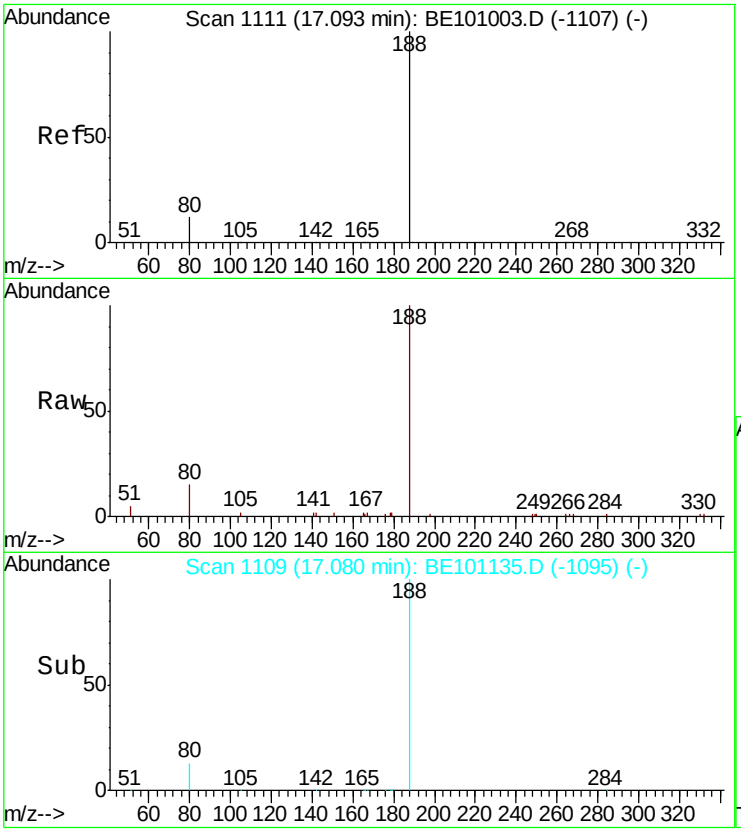


#18
Fluorene
Concen: 0.379 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:166 Resp: 6871

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.5	11.0	16.6



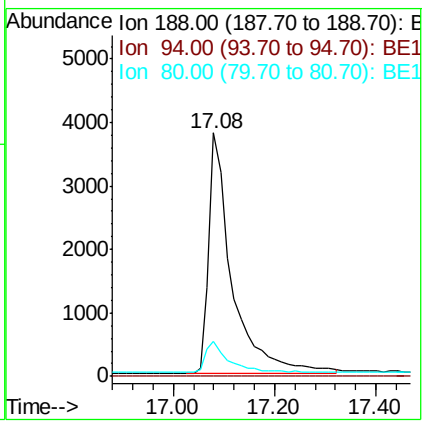


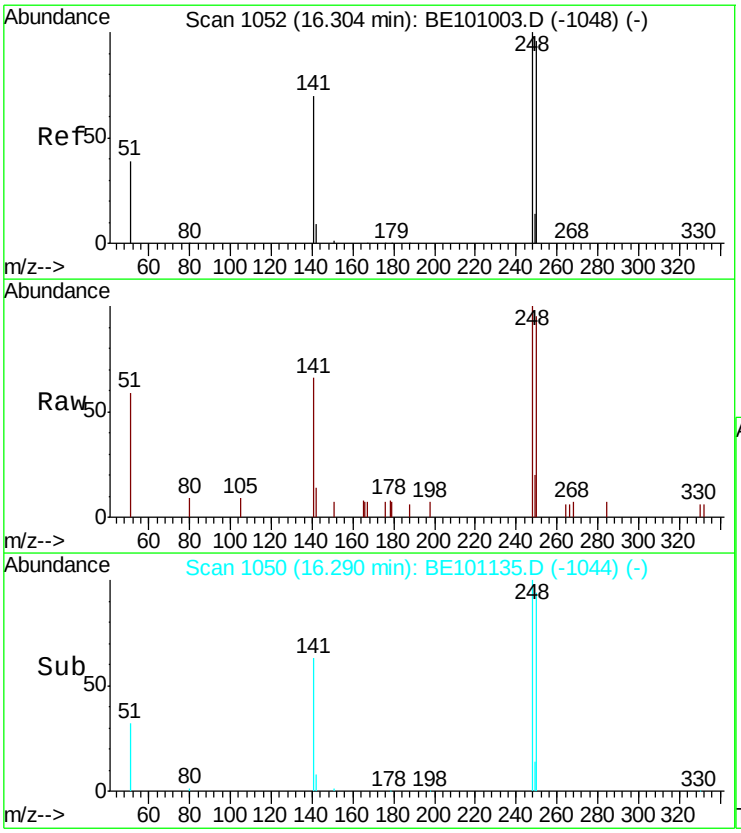
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 12115

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	10.8	16.2

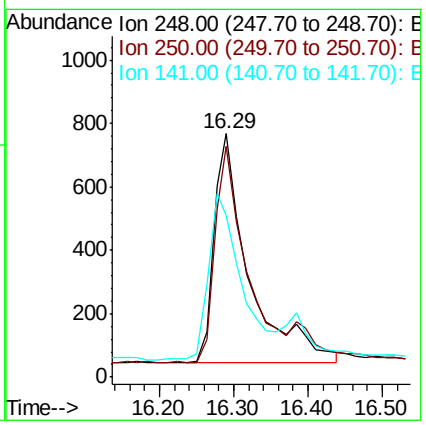


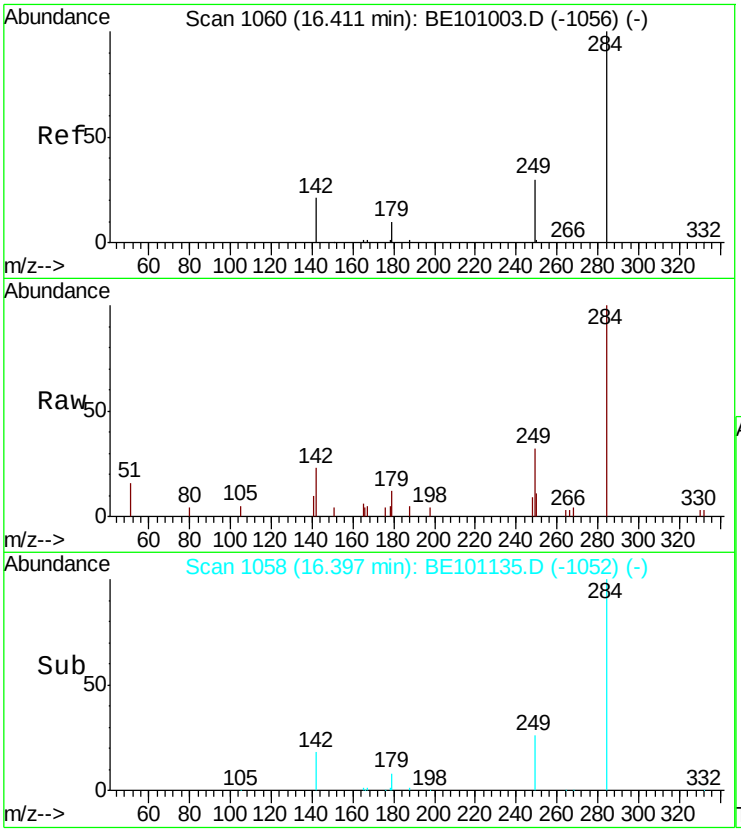


#20
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:248 Resp: 2383

Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.6	115.0
141	66.4	57.7	86.5



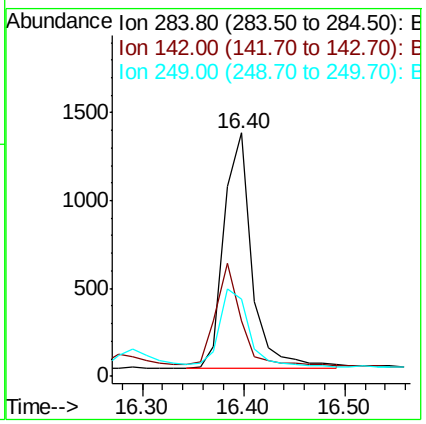


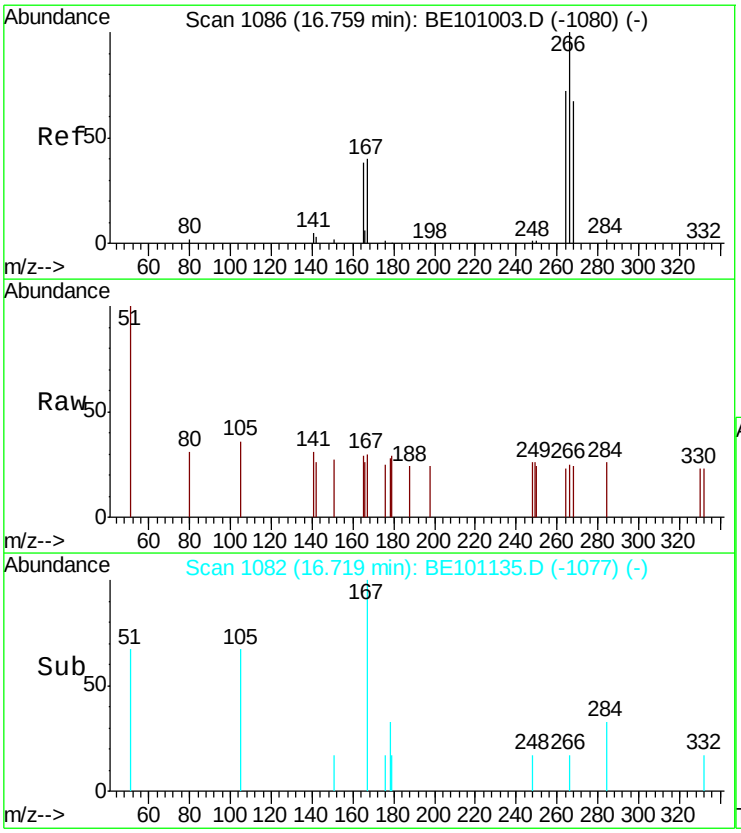
#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2548

Ion	Ratio	Lower	Upper
284	100		
142	38.1	34.0	51.0
249	35.0	28.2	42.4

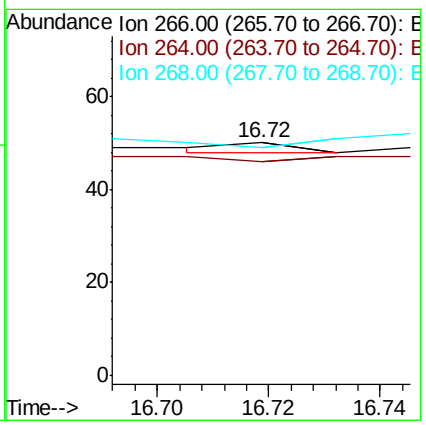


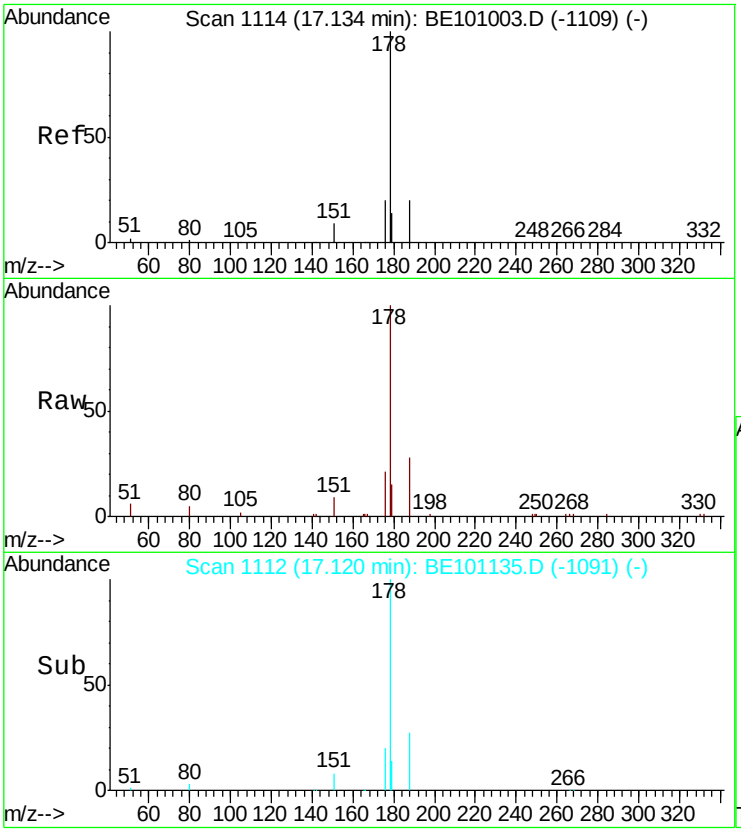


#22
Pentachlorophenol
Concen: 0.251 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	92.0	61.0	91.4#
268	98.0	58.5	87.7#



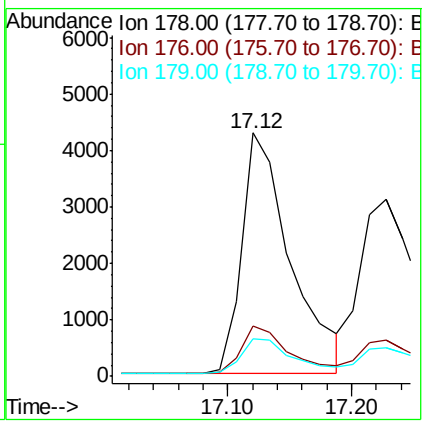


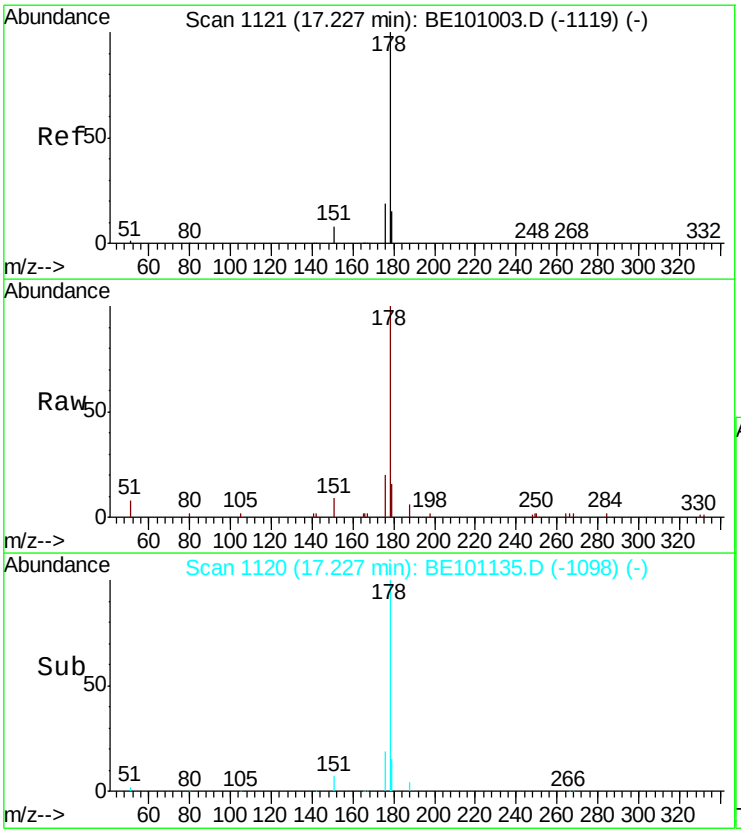
#23
Phenanthrene
Concen: 0.351 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 11600

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.0	18.0

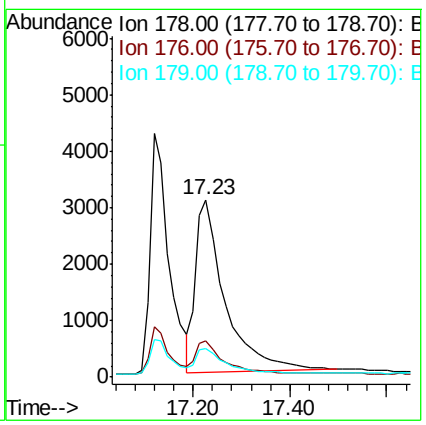


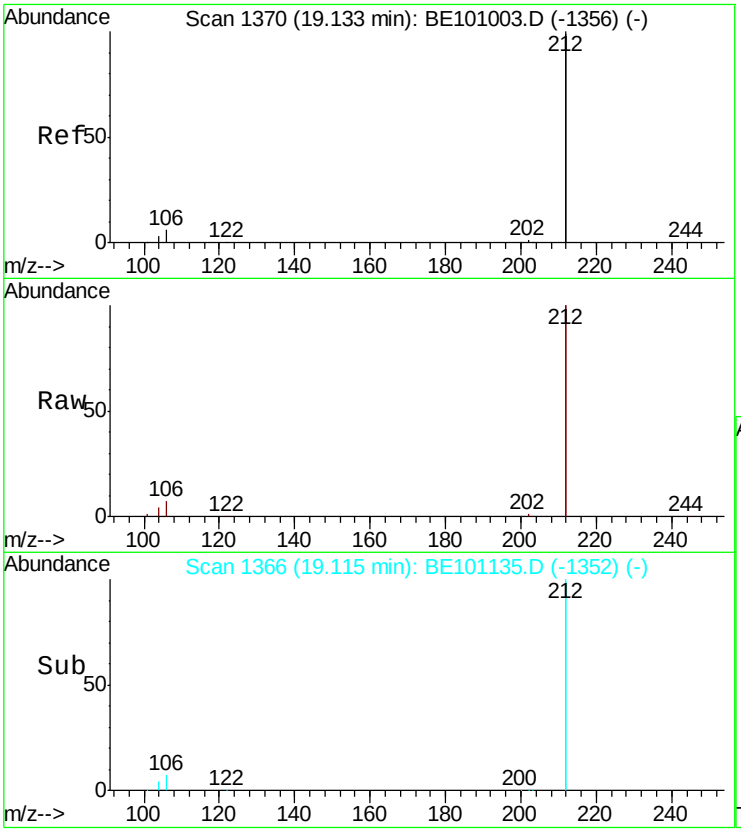


#24
Anthracene
Concen: 0.403 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:178 Resp: 12574

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.8	22.2
179	15.4	12.4	18.6



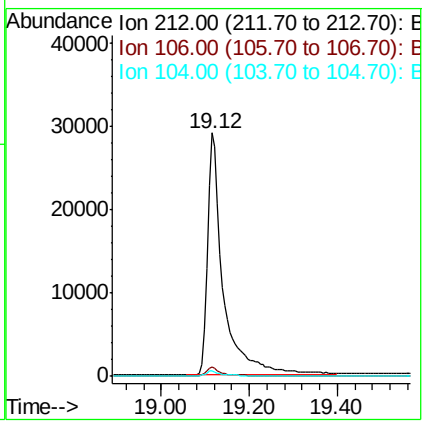


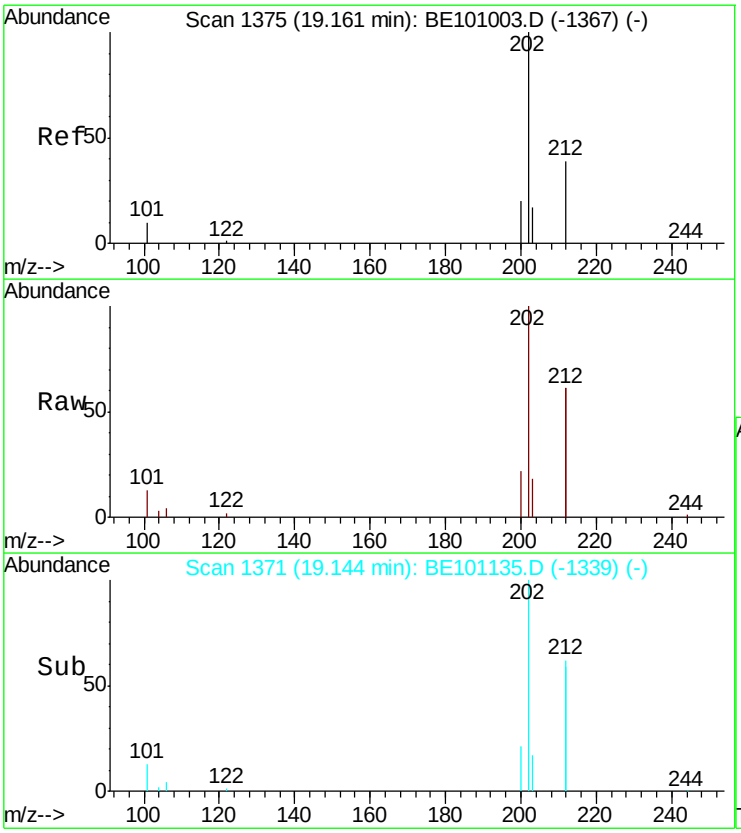
#25
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.12 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 71213

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.7	1.4	2.0

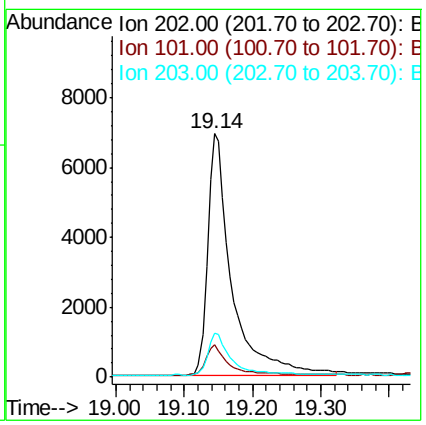


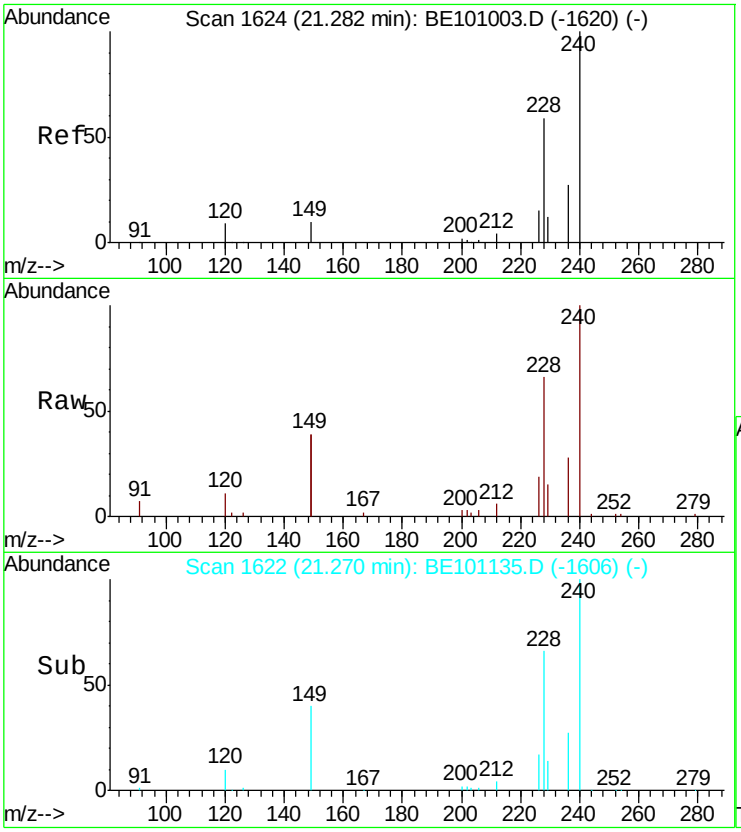


#26
Fluoranthene
Concen: 0.409 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:202 Resp: 16938

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.3	13.8	20.6



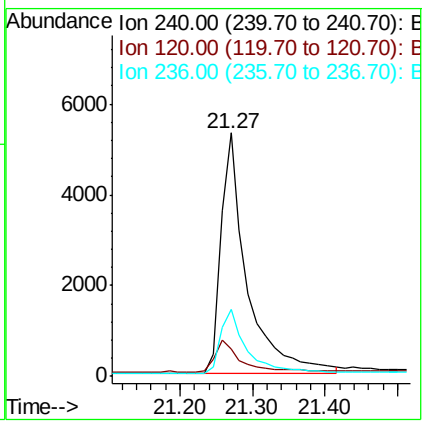


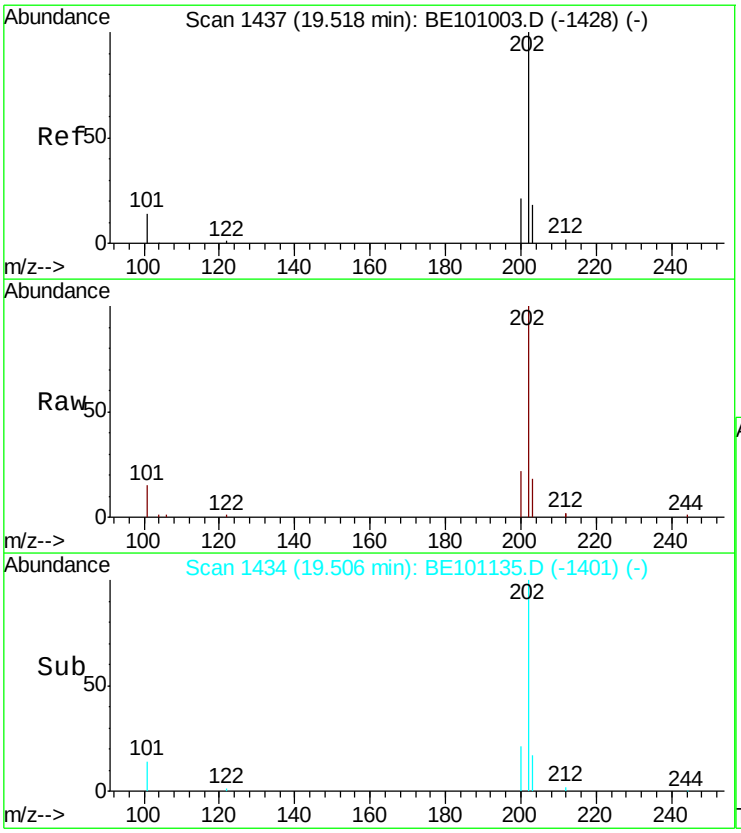
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 13372

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	27.5	22.2	33.4

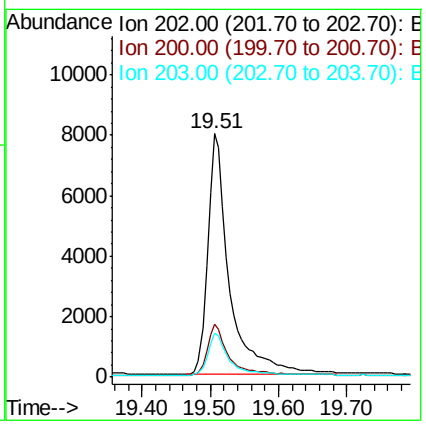


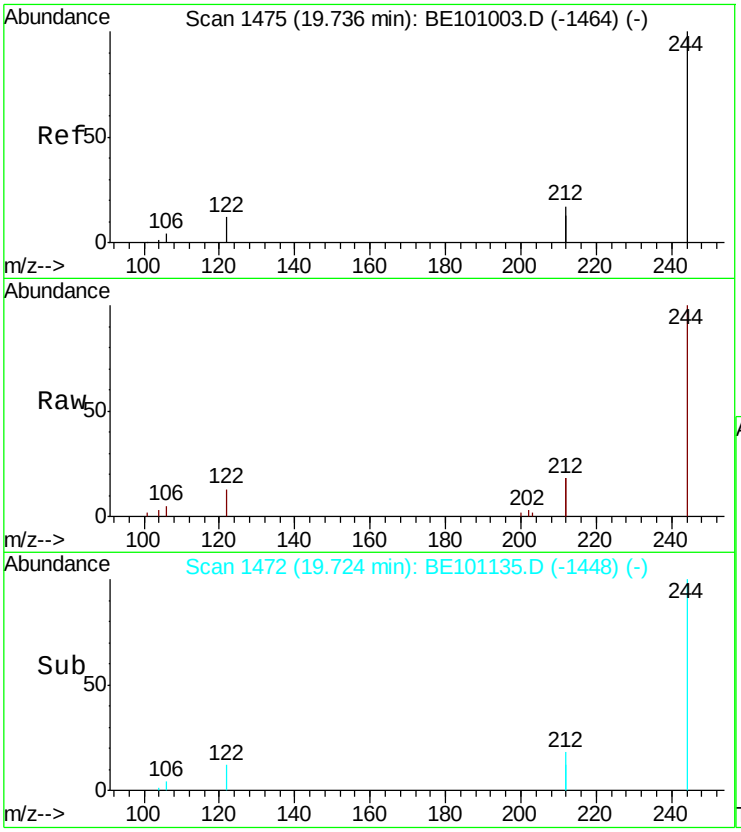


#28
Pyrene
Concen: 0.356 ng
RT: 19.51 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:202 Resp: 17699

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.6	13.8	20.6



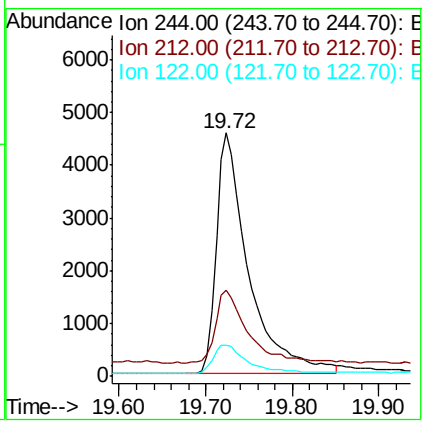


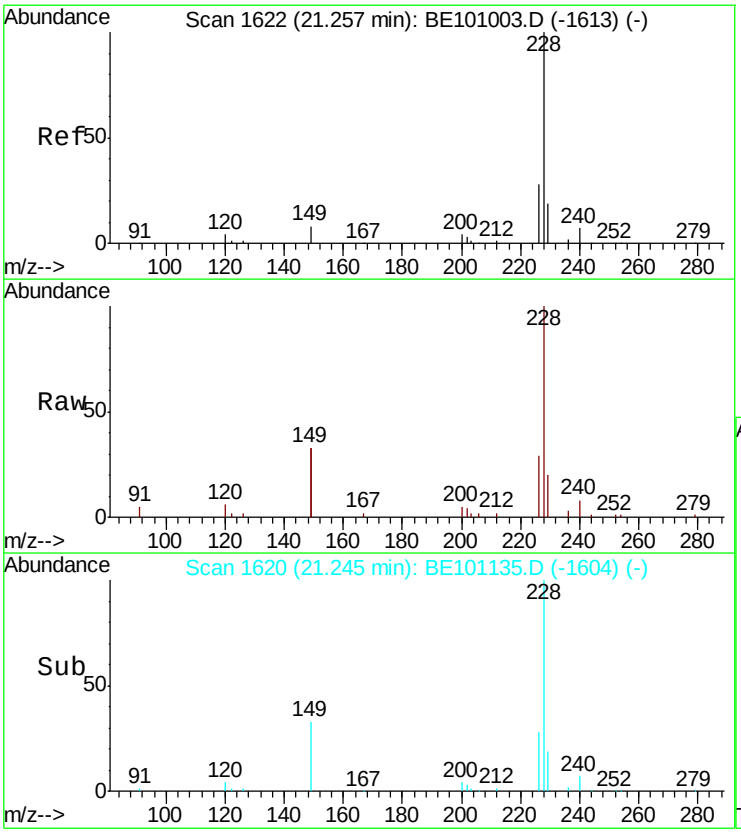
#29
Terphenyl-d14
Concen: 0.362 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 11869

Ion	Ratio	Lower	Upper
244	100		
212	35.5	27.2	40.8
122	13.0	9.8	14.8

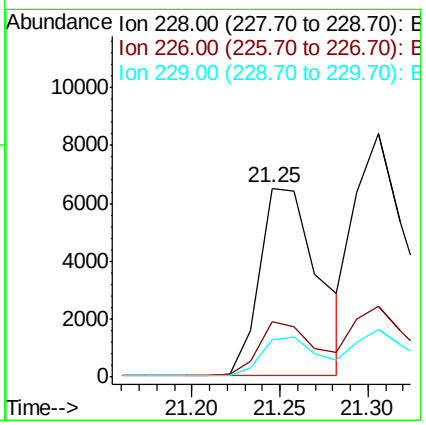


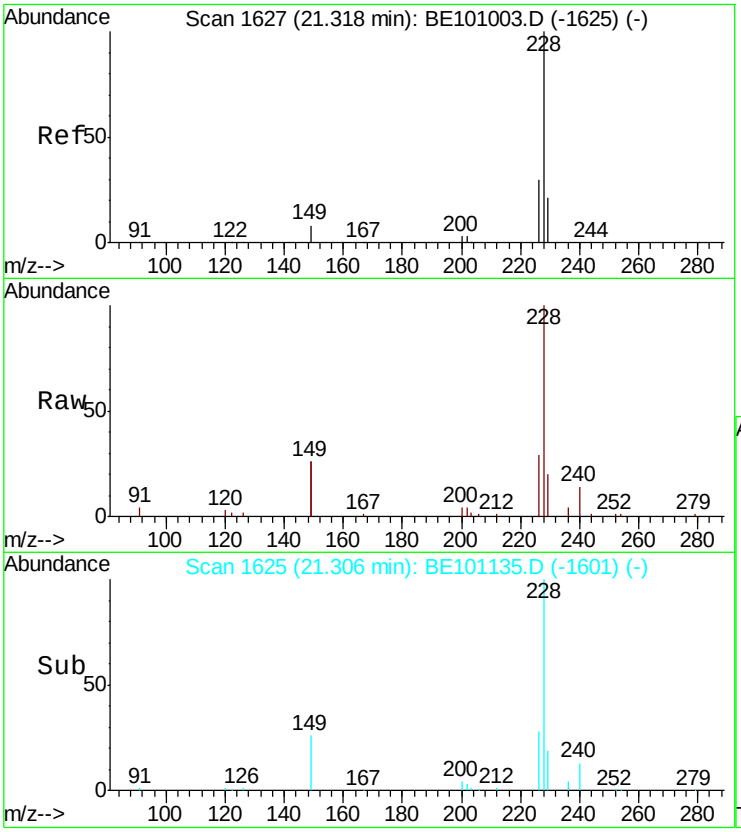


#30
Benzo(a)anthracene
Concen: 0.394 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:228 Resp: 15038

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.0	15.5	23.3



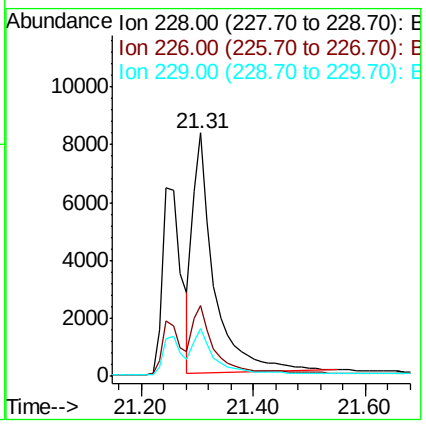


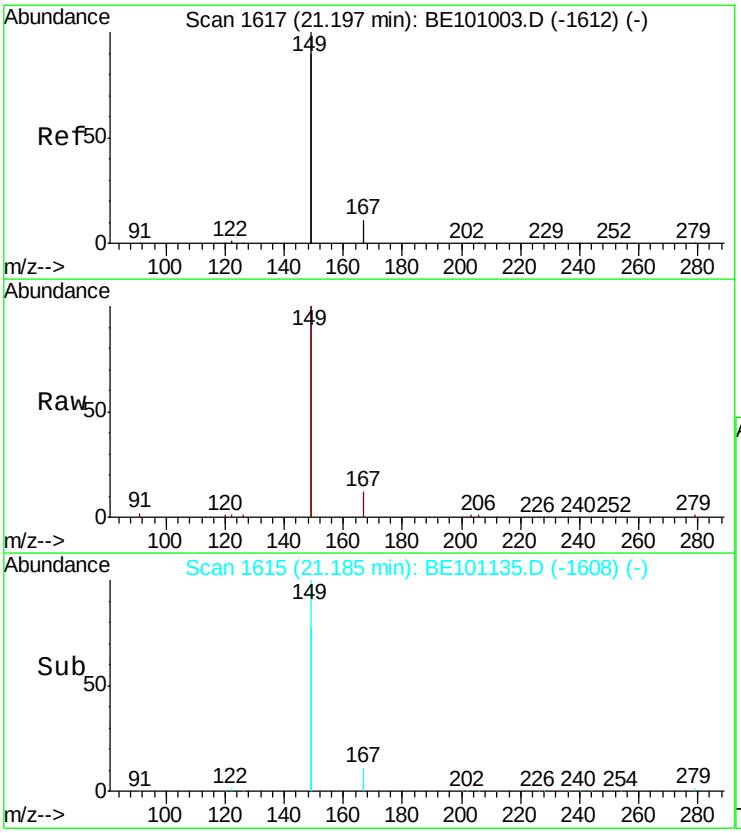
#31
Chrysene
Concen: 0.392 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 22222

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	19.6	16.7	25.1

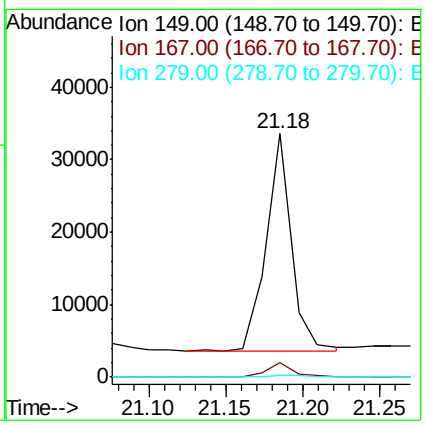


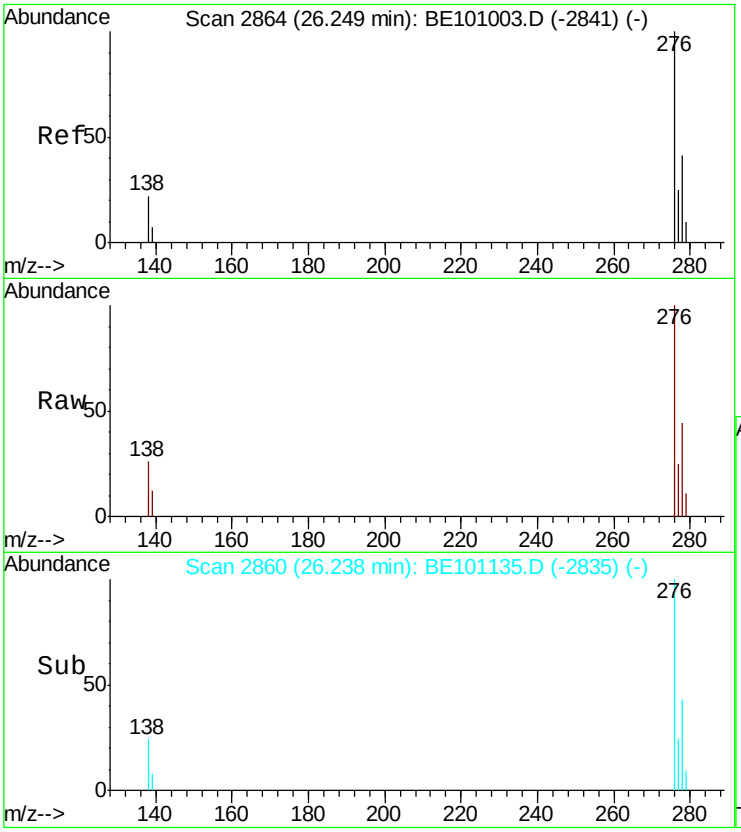


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.540 ng
RT: 21.18 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:149 Resp: 34337

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.2	7.8
279	0.8	0.8	1.2#



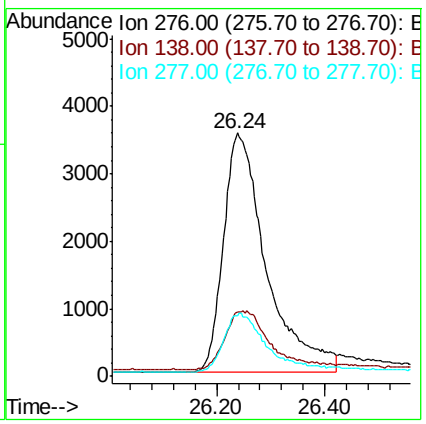


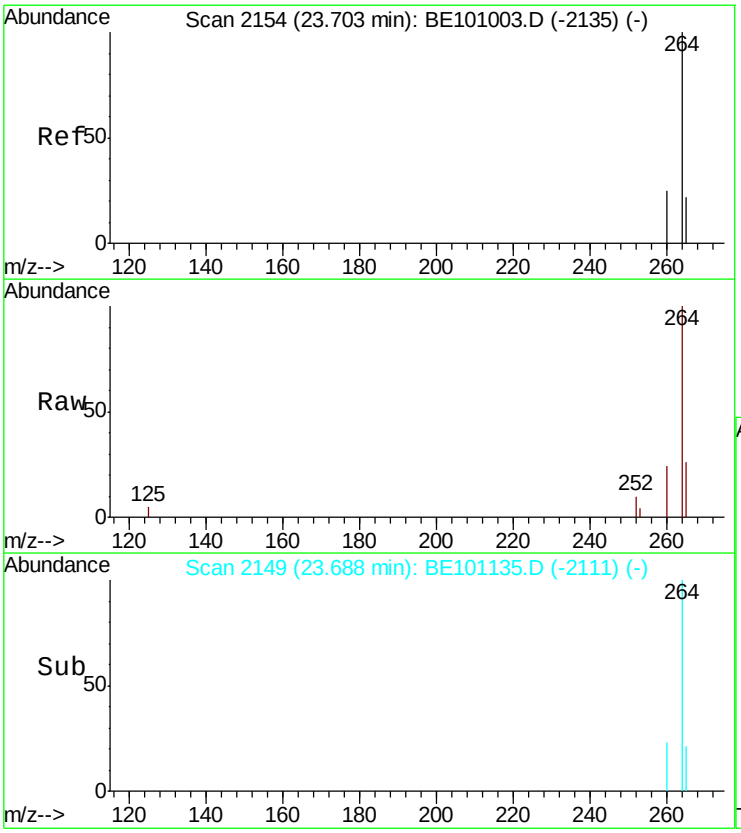
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 19483

Ion	Ratio	Lower	Upper
276	100		
138	25.1	16.1	24.1#
277	24.0	18.1	27.1

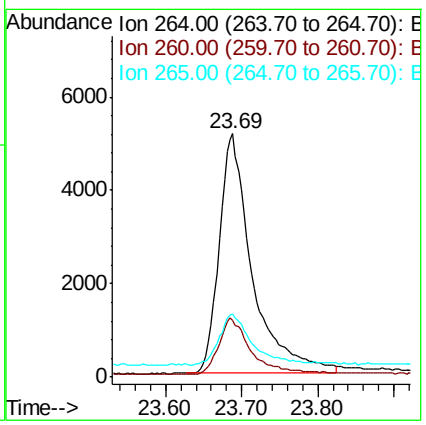


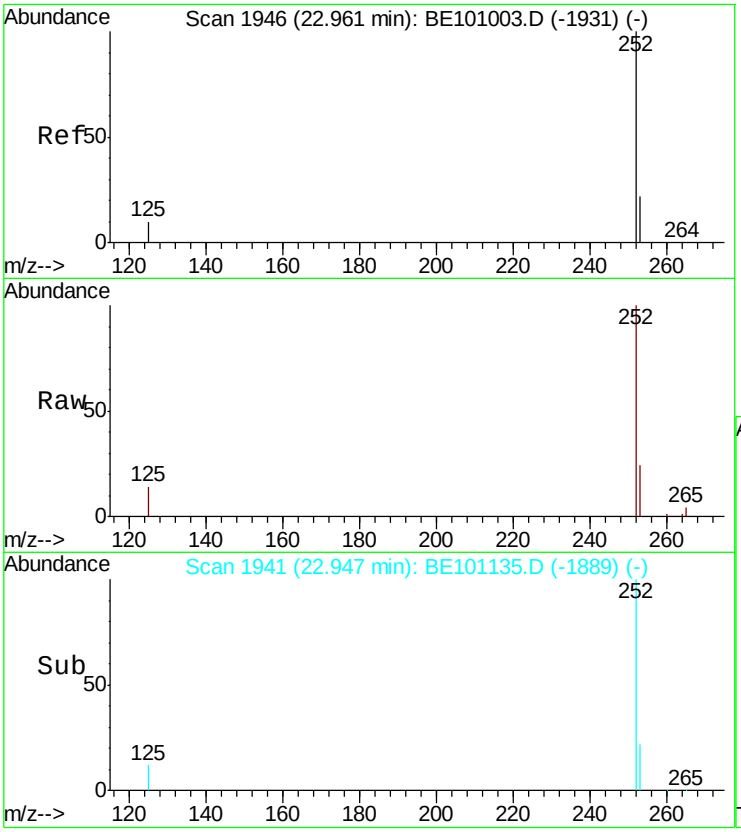


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:264 Resp: 15507

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.3	30.5
265	25.8	27.0	40.4#



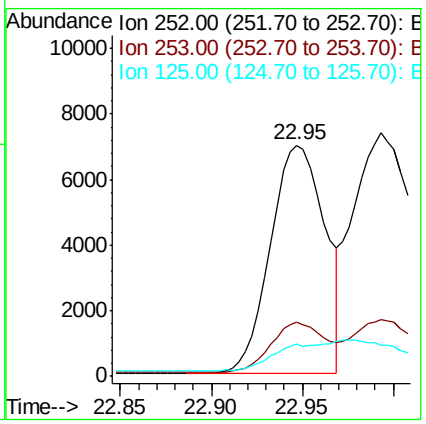


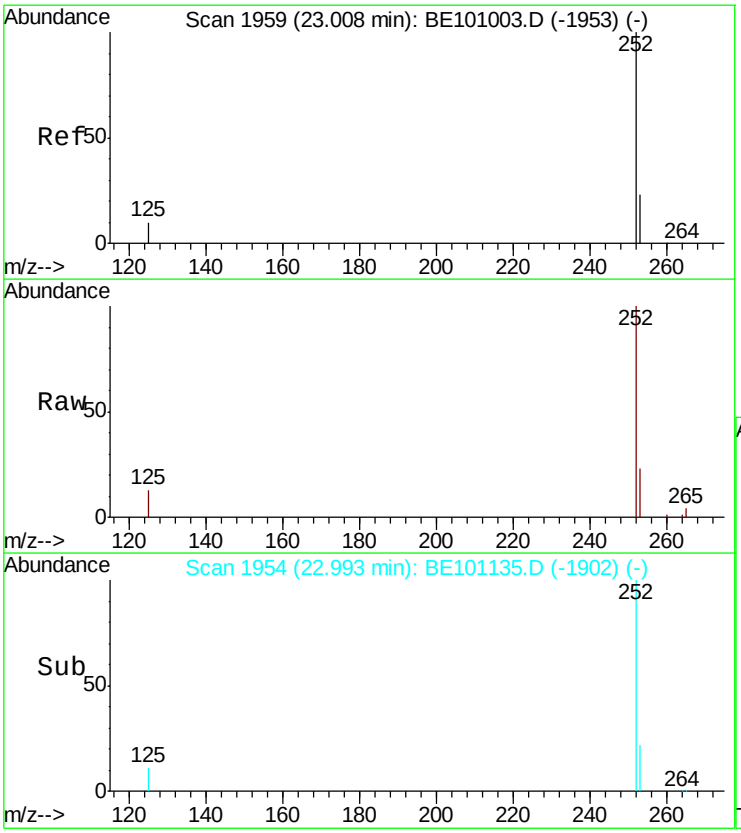
#35
Benzo(b)fluoranthene
Concen: 0.331 ng
RT: 22.95 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14410

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	14.0	9.5	14.3

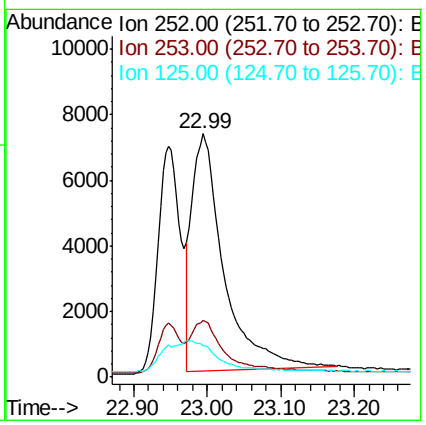


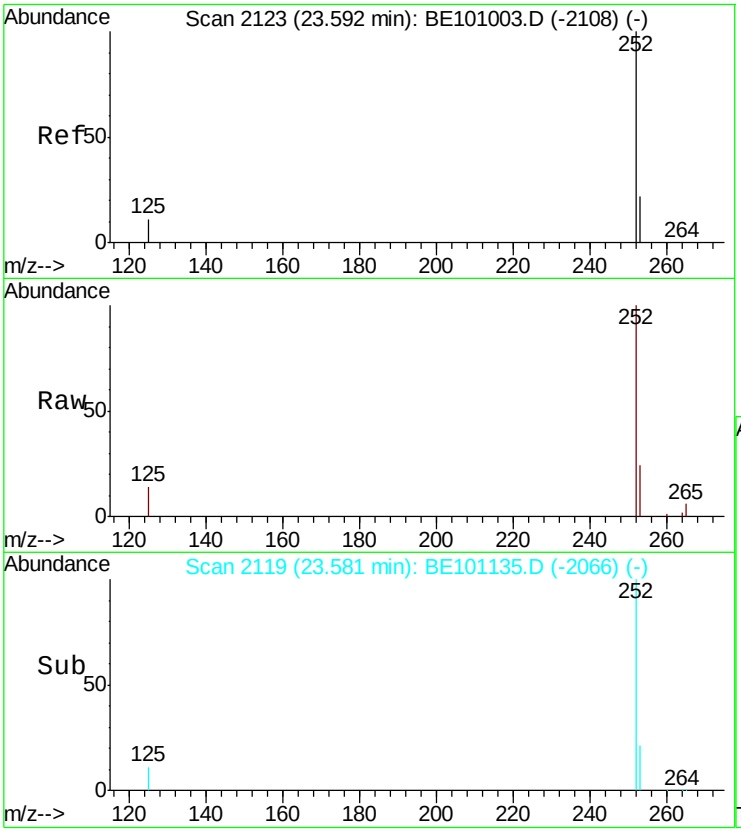


#36
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 22.99 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:252 Resp: 21718

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	12.8	10.1	15.1



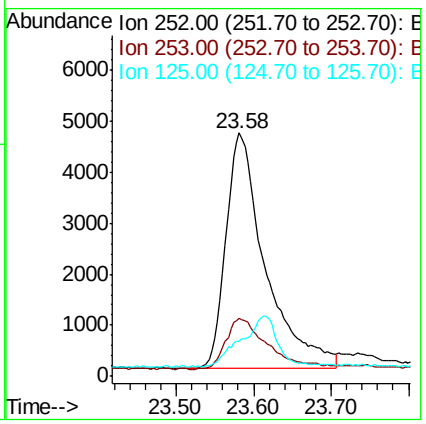


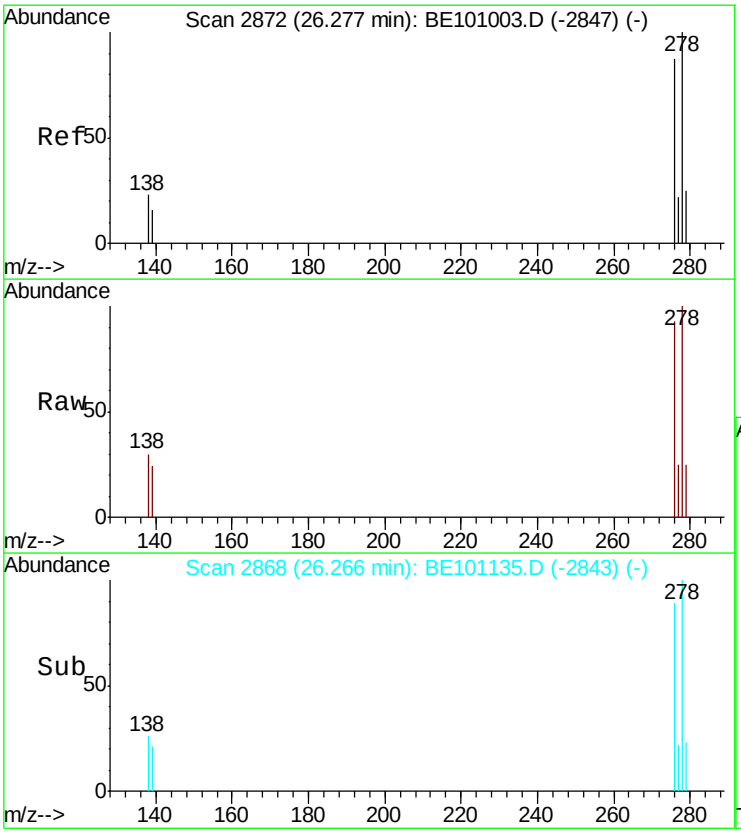
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16342

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	14.4	11.8	17.6

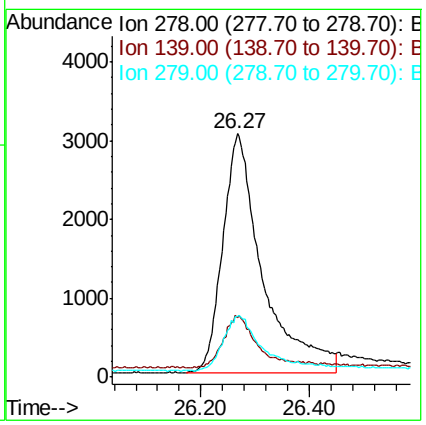


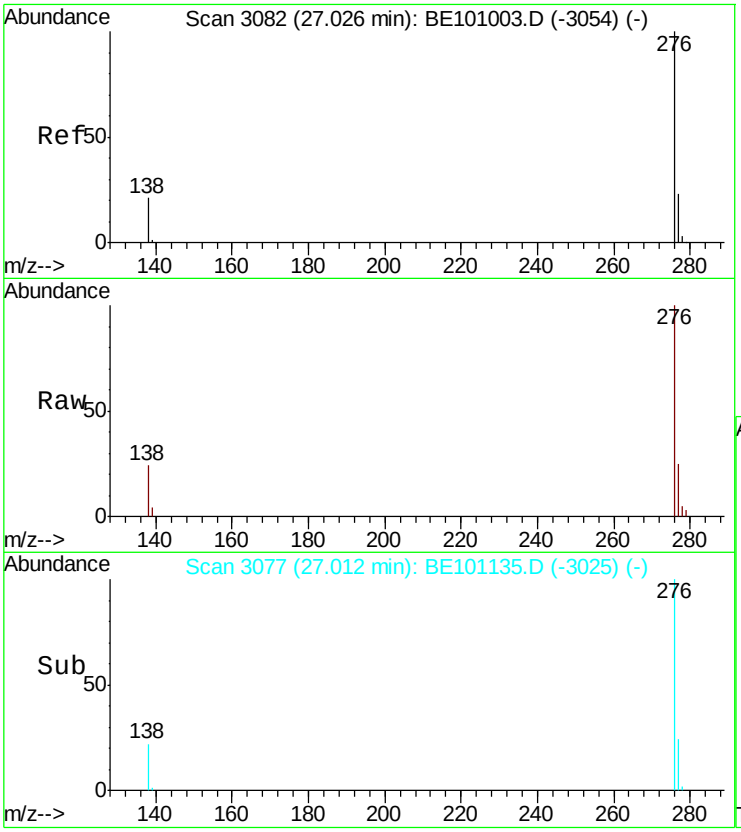


#38
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 26.27 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Tgt Ion:278 Resp: 15465

Ion	Ratio	Lower	Upper
278	100		
139	24.4	15.0	22.4#
279	24.9	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.357 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BE101135.D
Acq: 7 Feb 2020 13:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16992

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	24.4	17.9	26.9