Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012020\

Quantitation Report (Not Reviewed)

Data File : BE101096.D
Acq On : 20 Jan 2020 10:05
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 21 02:05:54 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	1860	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	8504	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	6103	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	15591	0.40	ng		0.00
27) Chrysene-d12	21.27	240	20450	0.40	ng		-0.01
34) Perylene-d12	23.69	264	22487	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2094	0.50	ng		-0.01
5) Phenol-d6	6.91	99	2075	0.39	ng		-0.01
8) Nitrobenzene-d5	8.87	82	2208	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	6656	0.41	ng		-0.02
14) 2,4,6-Tribromophenol	15.85	330	606	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	8347	0.36	ng		-0.02
25) Fluoranthene-d10	19.12	212	91040	0.42	ng		-0.01
29) Terphenyl-d14	19.73	244	16098	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1506	0.307	ng		90
3) n-Nitrosodimethylamine	3.60	42	1131	0.438	ng		97
6) bis(2-Chloroethyl)ether	7.15	93	2630	0.417	ng		98
9) Naphthalene	10.55	128	36546	0.387	ng		99
10) Hexachlorobutadiene	10.83	225	1612	0.403	ng		97
12) 2-Methylnaphthalene	12.18	142	5574	0.390	ng		96
16) Acenaphthylene	14.08	152	9066	0.365	ng		99
17) Acenaphthene	14.41	154	6626	0.372	ng		99
18) Fluorene	15.39	166	8874	0.395	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	2921	0.384	ng	#	85
21) Hexachlorobenzene	16.40	284	3004	0.360	ng		98
22) Pentachlorophenol	16.76	266	445	0.402	ng		96
23) Phenanthrene	17.13	178	15812	0.371	ng		99
24) Anthracene	17.23	178	14576	0.363	ng		99
26) Fluoranthene	19.15	202	22104	0.415	ng		99
28) Pyrene	19.51	202	23004	0.302	ng		99
30) Benzo(a)anthracene	21.26	228	21804	0.374	ng		98
31) Chrysene	21.30	228	34181	0.394	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	42895	0.441	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	21845	0.319	ng		96
35) Benzo(b)fluoranthene	22.95	252	23845	0.378	ng		100
36) Benzo(k)fluoranthene	23.00	252	32519	0.356	ng		98
37) Benzo(a)pyrene	23.58	252	23278	0.382	ng		97
38) Dibenzo(a,h)anthracene	26.27	278	17119	0.305	ng		98
39) Benzo(g,h,i)perylene	27.01	276	19779	0.287	ng		98

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

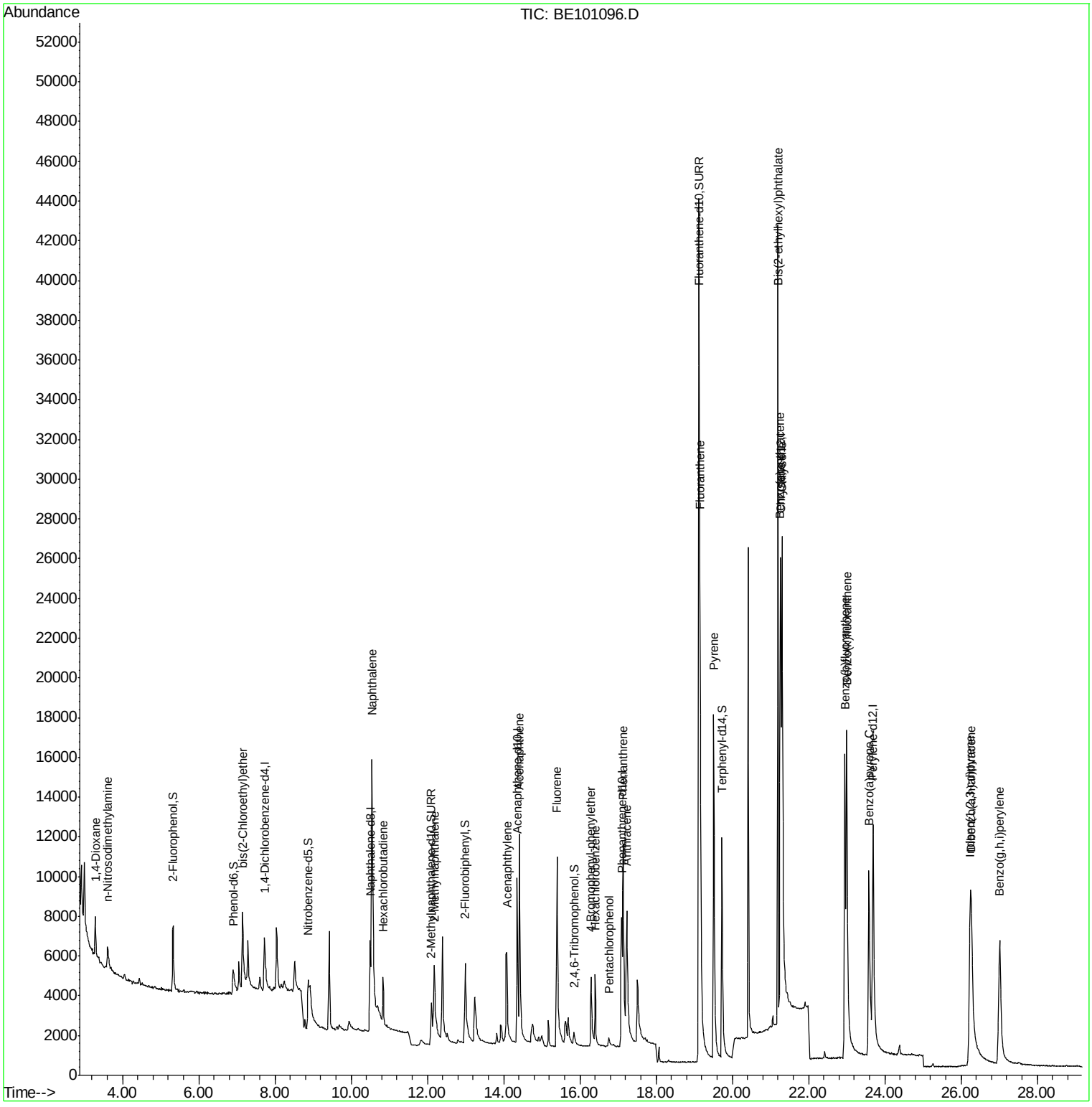
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012020\

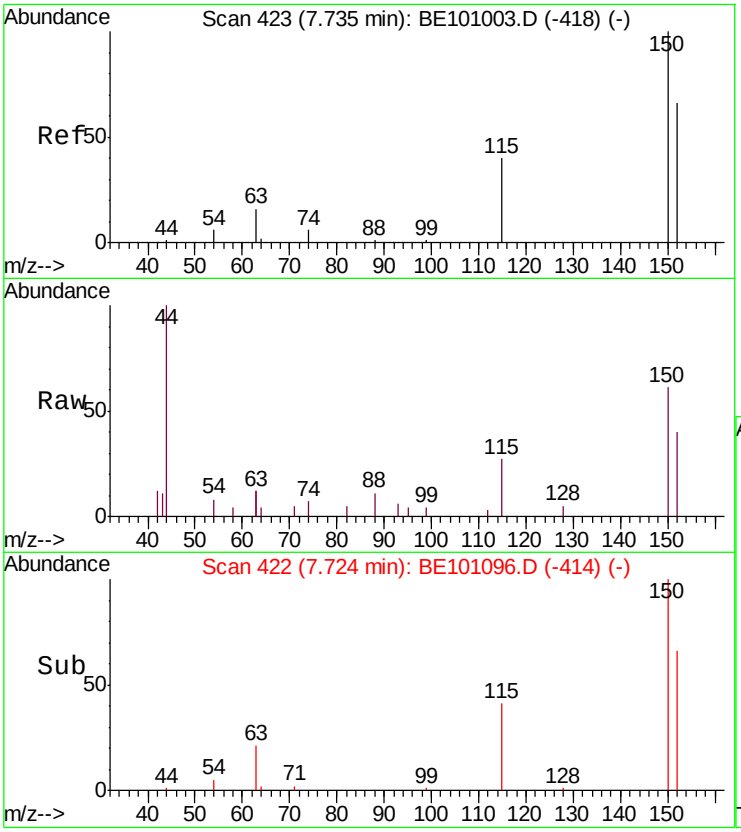
Quantitation Report (Not Reviewed)

Data File : BE101096.D
Acq On : 20 Jan 2020 10:05
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 21 02:05:54 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



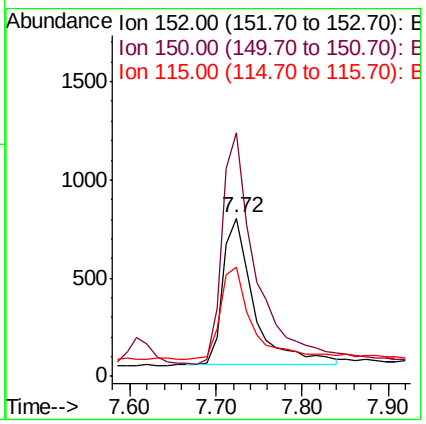


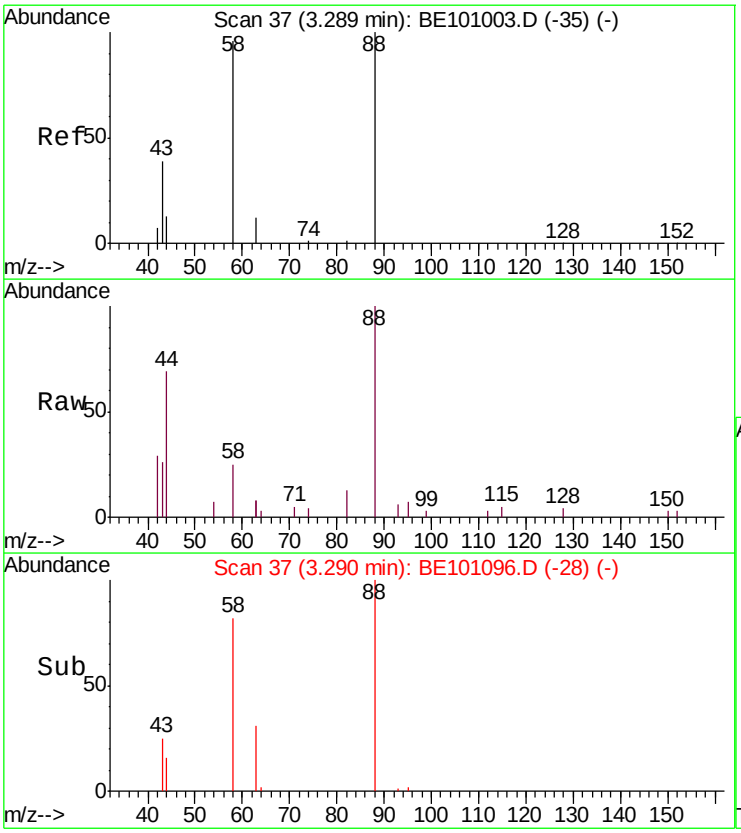
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1860

Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.3	180.5
115	68.8	51.7	77.5

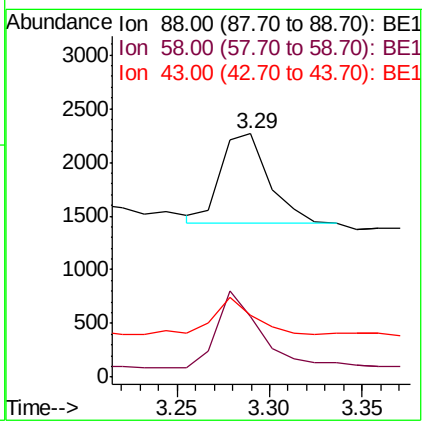


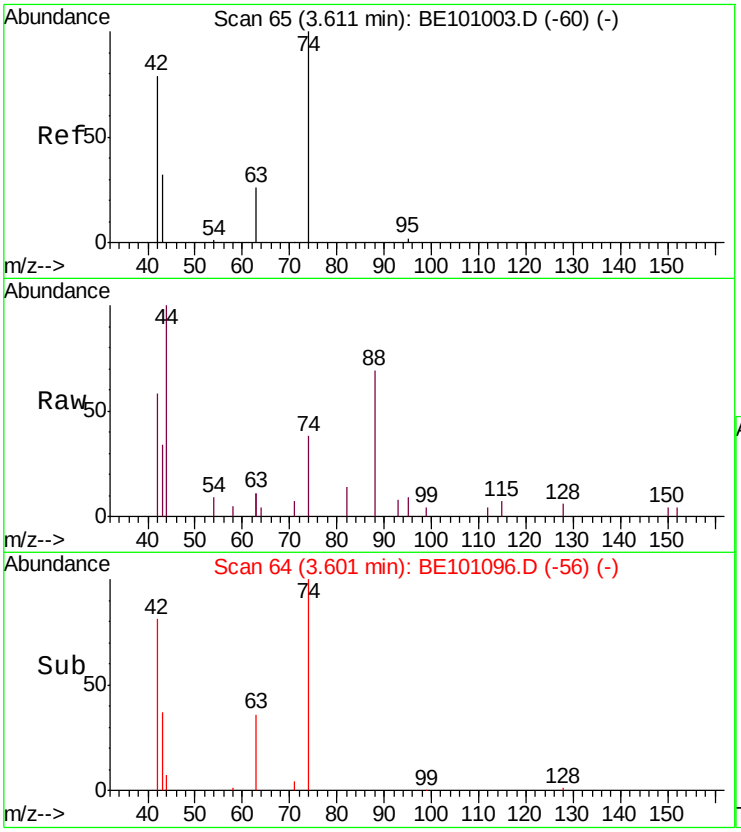


#2
1,4-Dioxane
Concen: 0.307 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 88 Resp: 1506

Ion	Ratio	Lower	Upper
88	100		
58	75.4	53.0	79.4
43	33.6	23.4	35.2



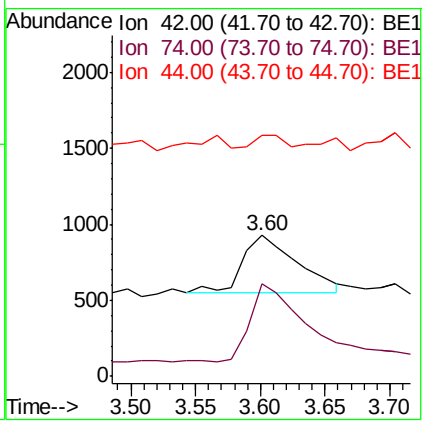


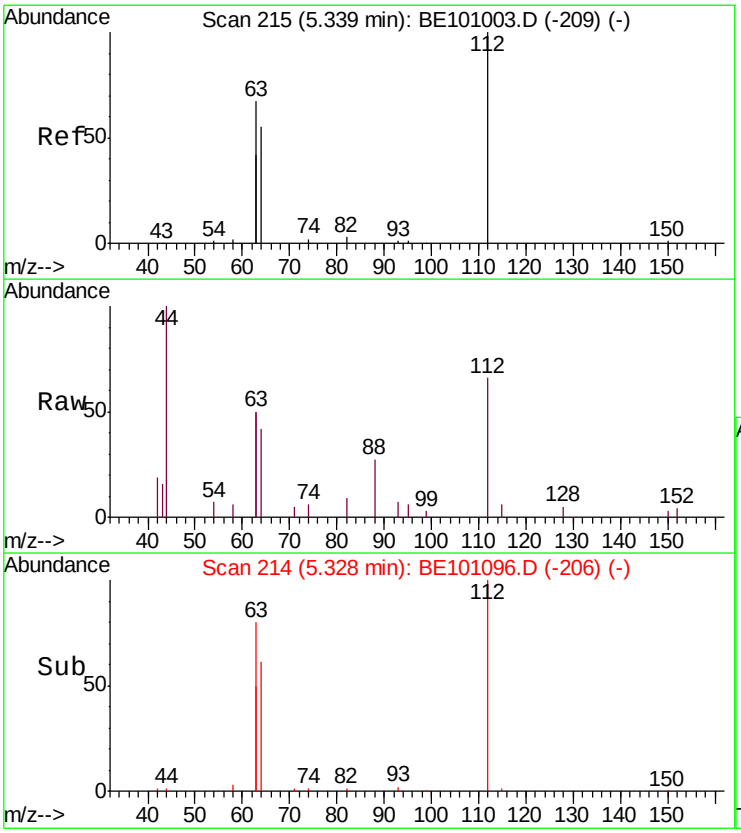
#3
n-Nitrosodimethylamine
Concen: 0.438 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1131

Ion	Ratio	Lower	Upper
42	100		
74	128.6	105.7	158.5
44	13.7	10.0	15.0

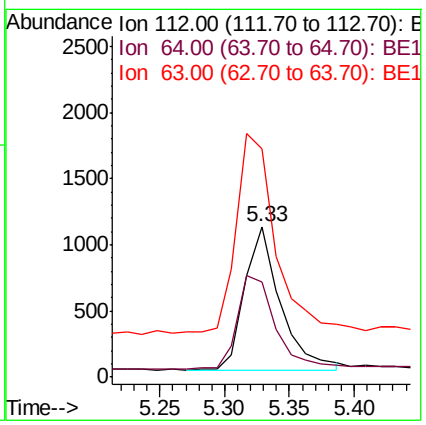


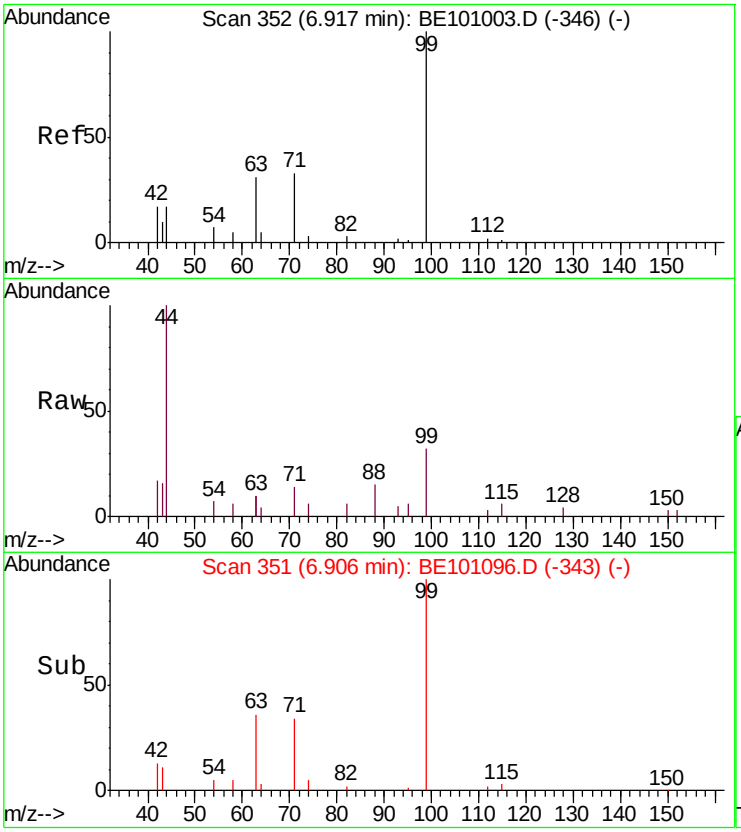


#4
2-Fluorophenol
Concen: 0.500 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:112 Resp: 2094

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.6	80.4
63	153.1	114.6	172.0



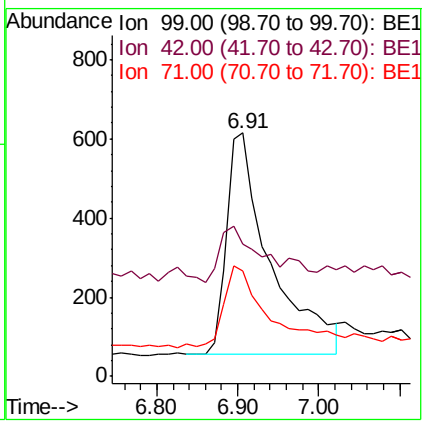


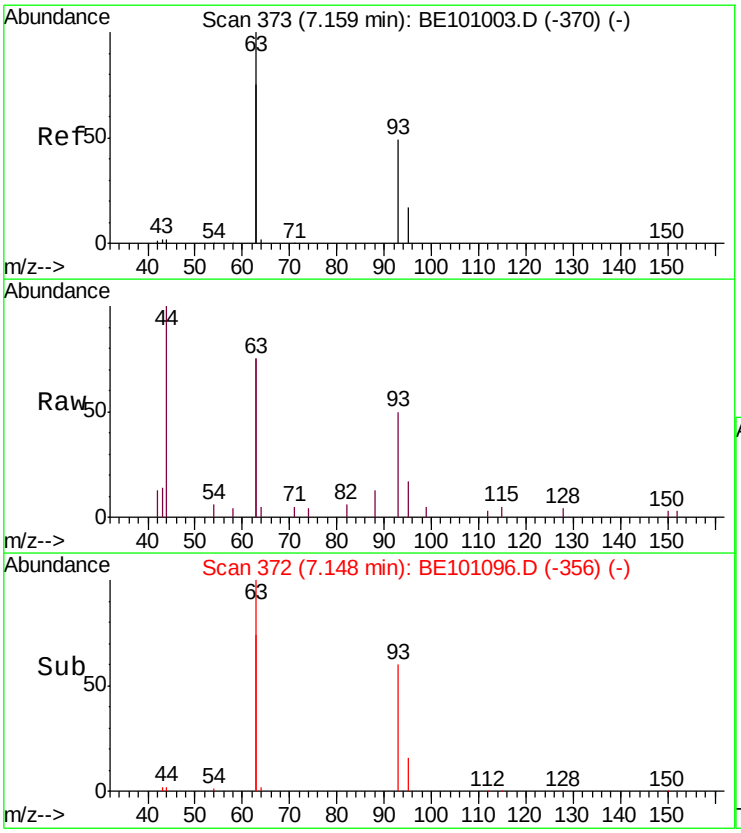
#5
Phenol-d6
Concen: 0.392 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2075

Ion	Ratio	Lower	Upper
99	100		
42	27.2	18.3	27.5
71	40.1	28.0	42.0

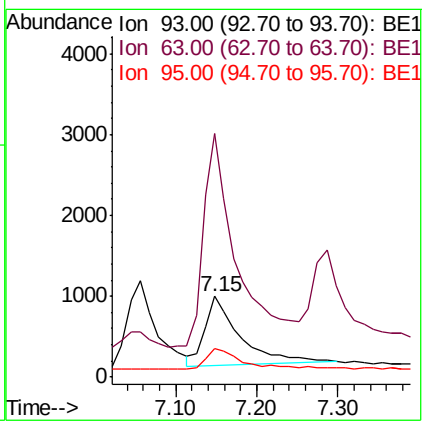


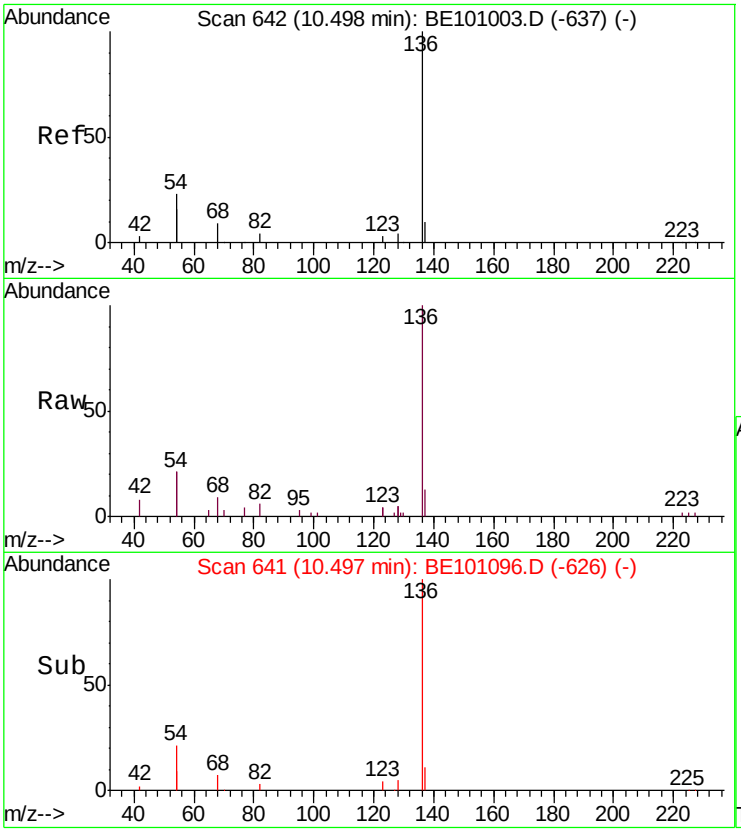


#6
bis(2-Chloroethyl)ether
Concen: 0.417 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 93 Resp: 2630

Ion	Ratio	Lower	Upper
93	100		
63	294.6	233.9	350.9
95	33.5	23.5	35.3



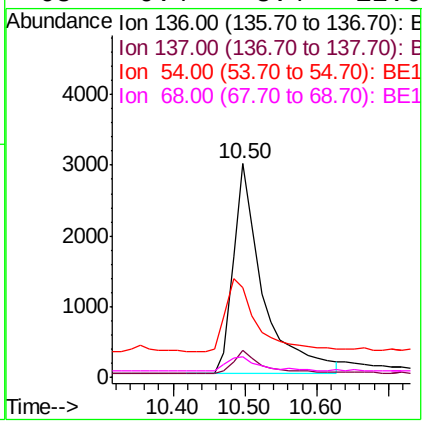


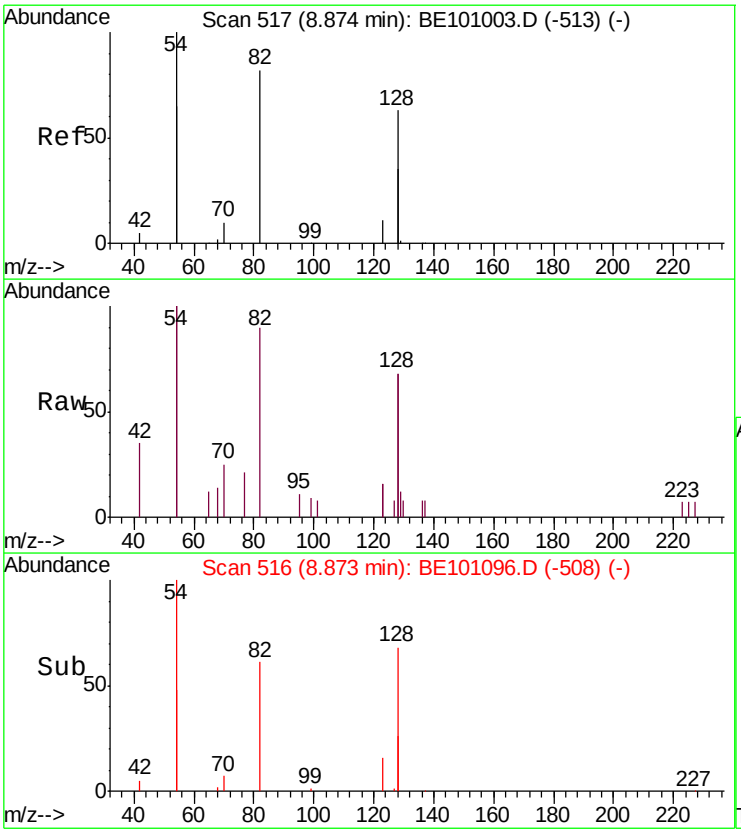
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 8504

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.3	13.9
54	41.9	36.8	55.2
68	9.4	8.4	12.6

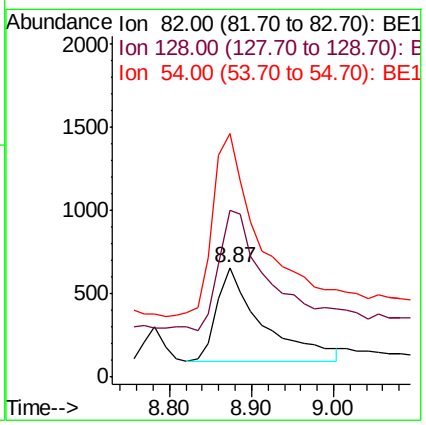


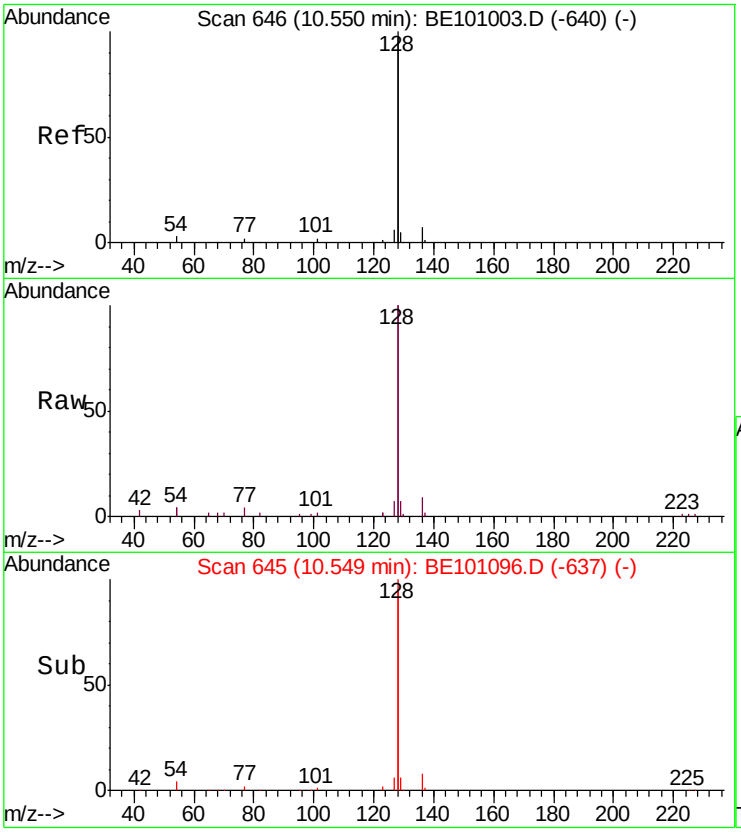


#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion: 82 Resp: 2208

Ion	Ratio	Lower	Upper
82	100		
128	152.1	109.8	164.6
54	222.6	174.5	261.7



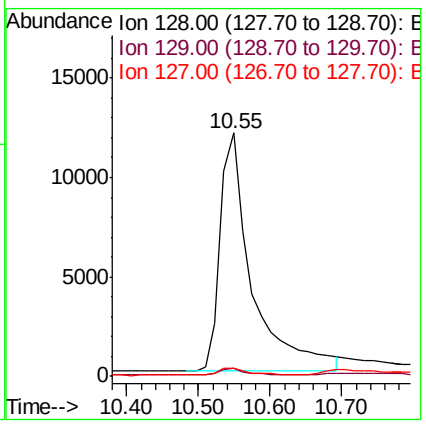


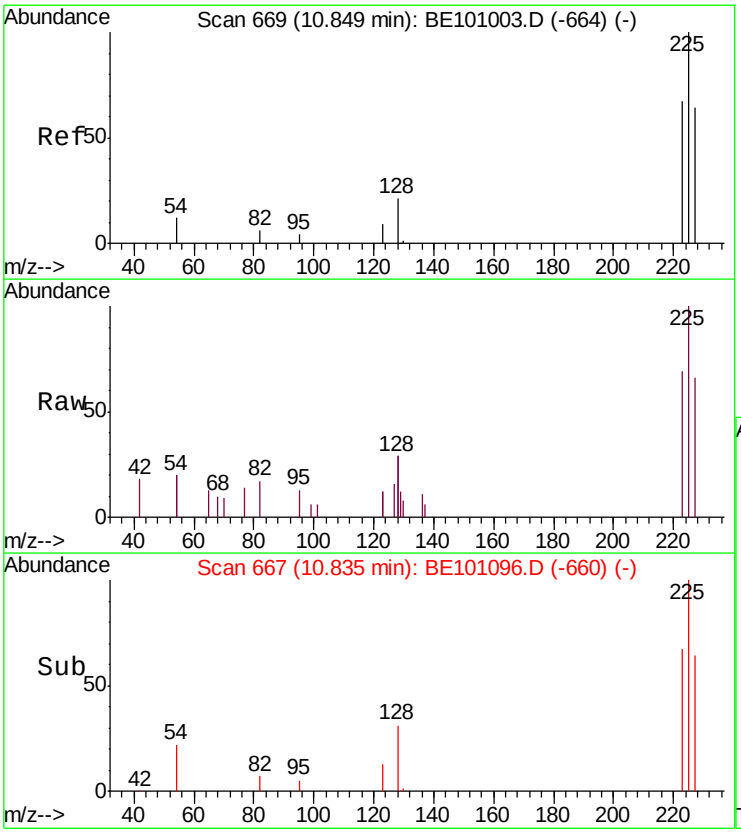
#9
Naphthalene
Concen: 0.387 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 36546

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.3	3.5
127	3.5	2.7	4.1

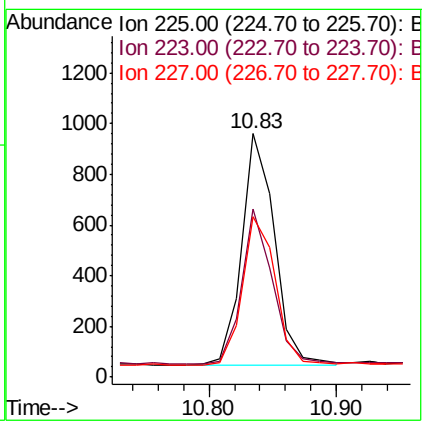


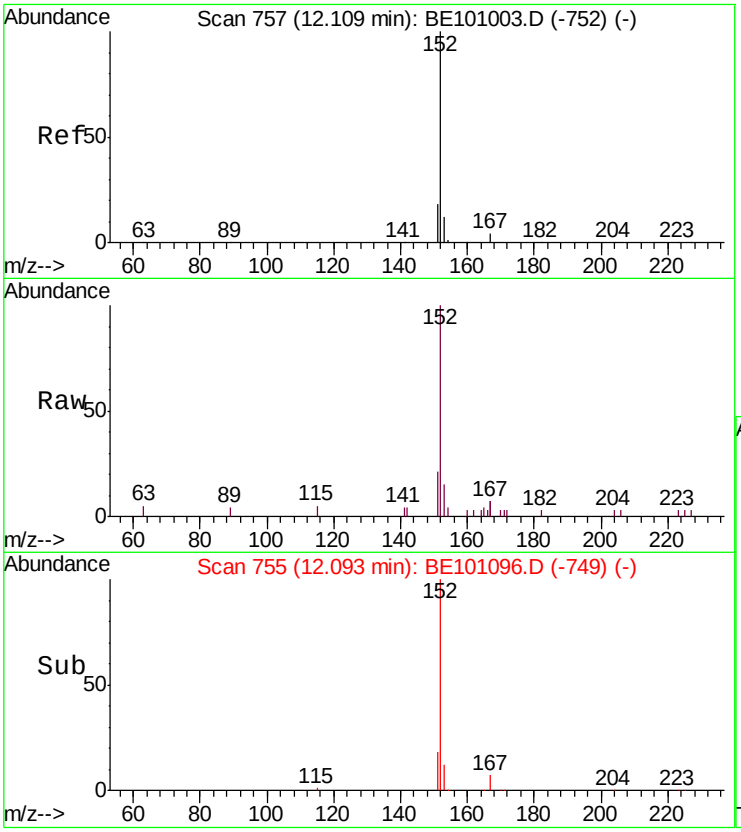


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.83 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:225 Resp: 1612

Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.2	78.4
227	65.4	49.9	74.9



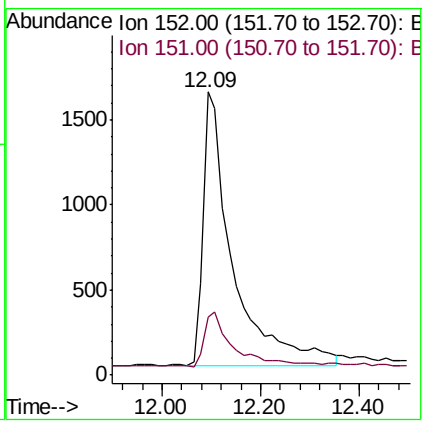


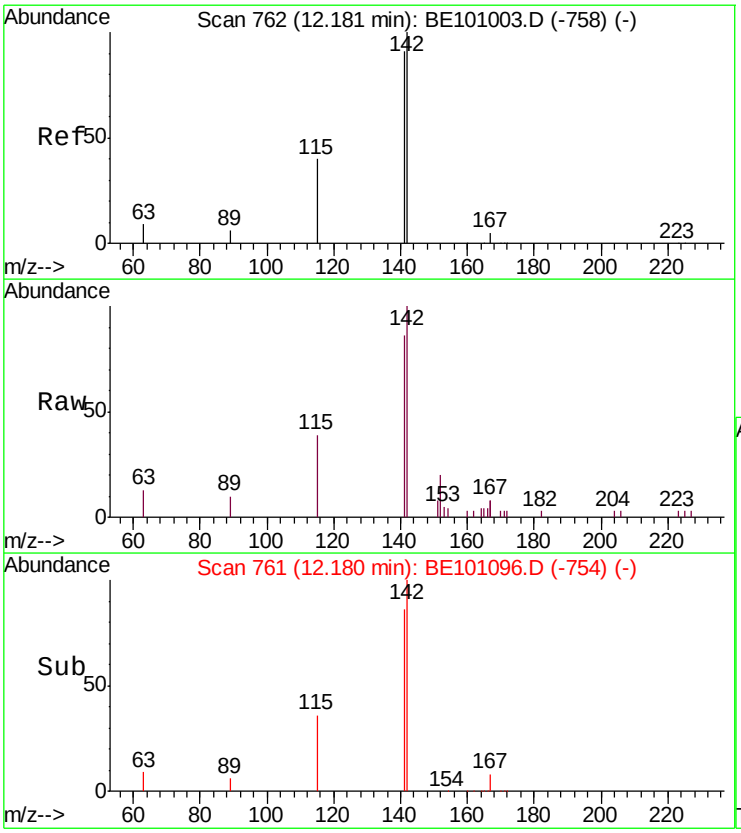
#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.02 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6656

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6

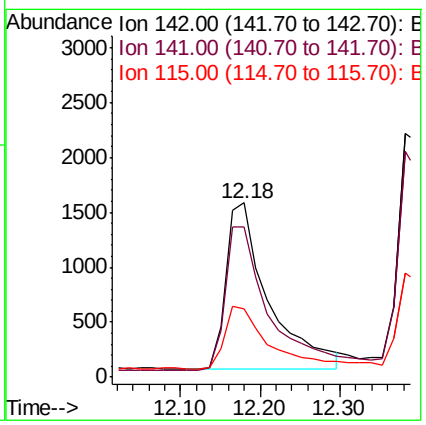


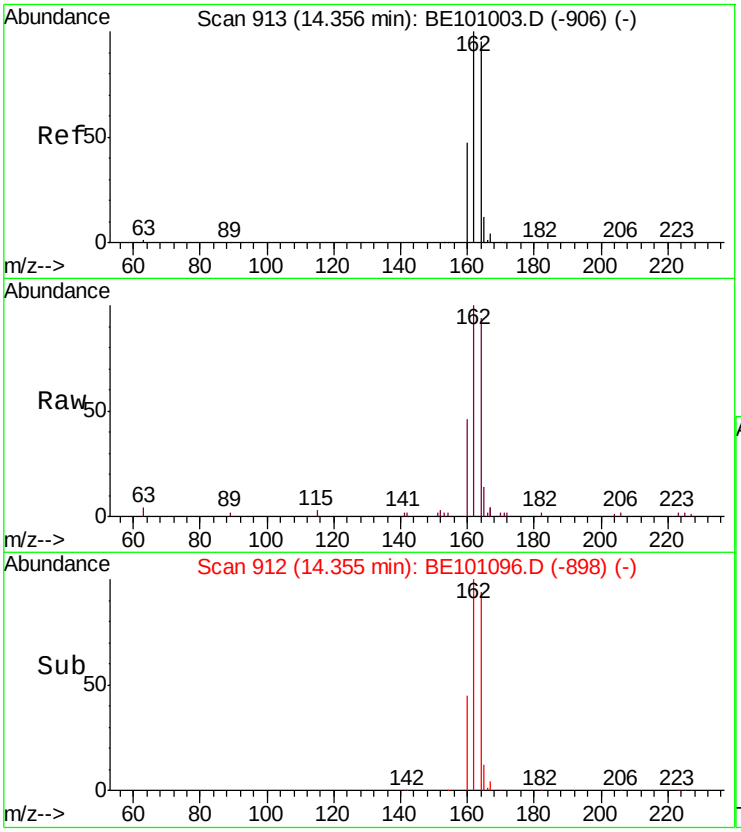


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:142 Resp: 5574

Ion	Ratio	Lower	Upper
142	100		
141	86.2	72.5	108.7
115	39.5	33.0	49.6



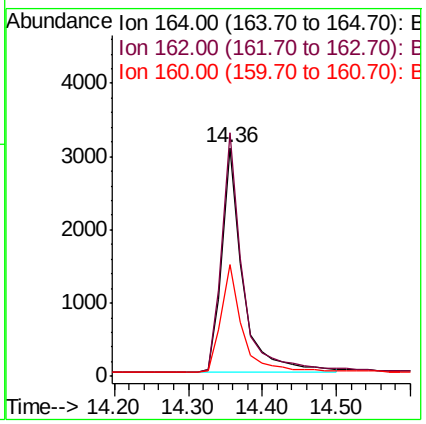


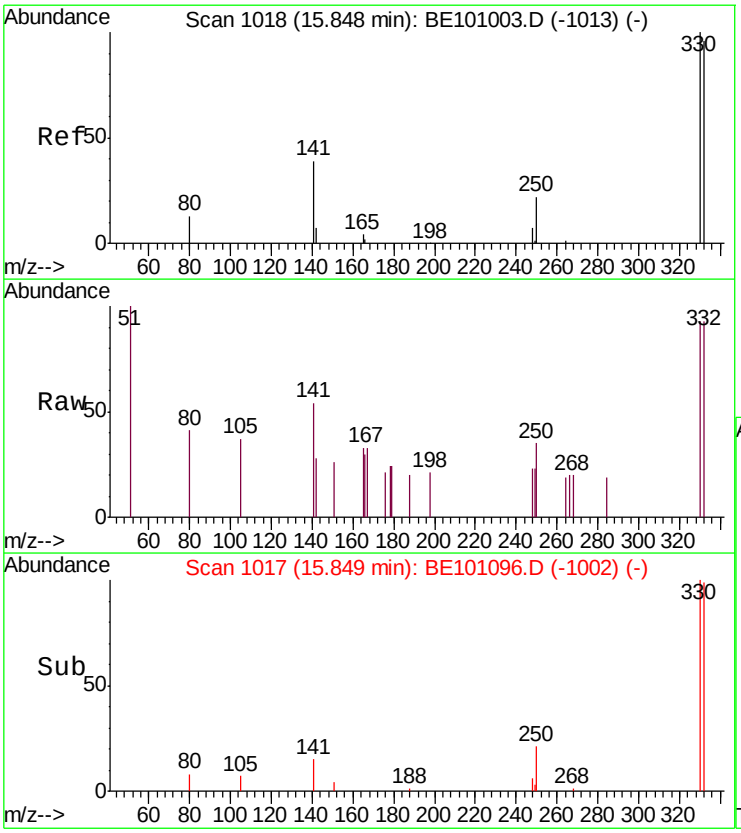
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6103

Ion	Ratio	Lower	Upper
164	100		
162	106.4	84.1	126.1
160	49.0	40.4	60.6

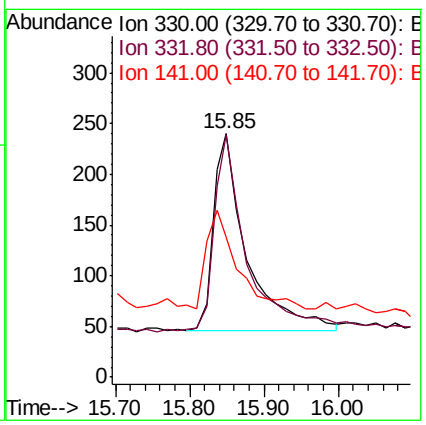


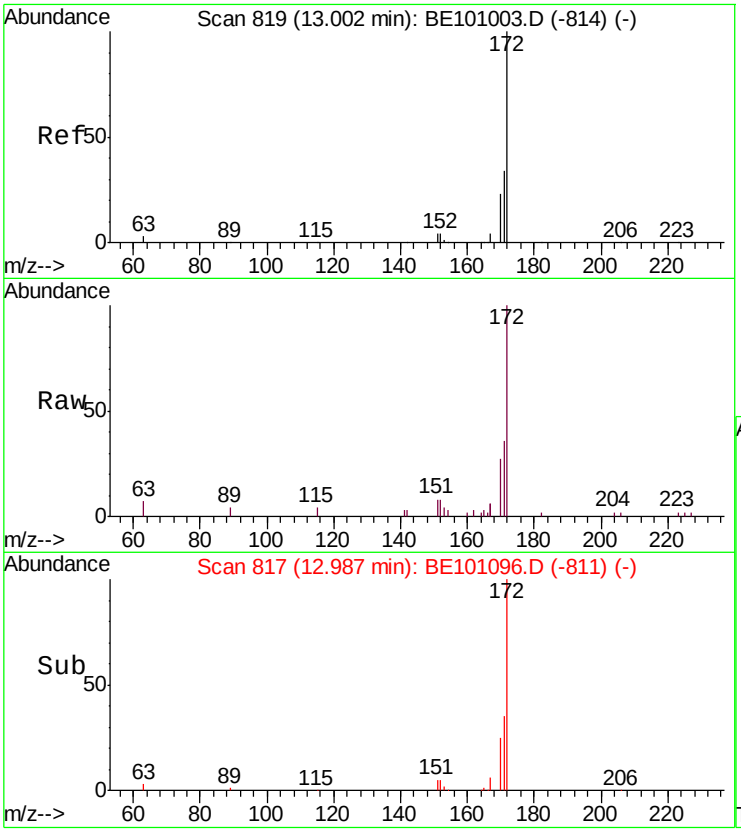


#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:330 Resp: 606

Ion	Ratio	Lower	Upper
330	100		
332	99.0	78.4	117.6
141	48.0	37.0	55.4



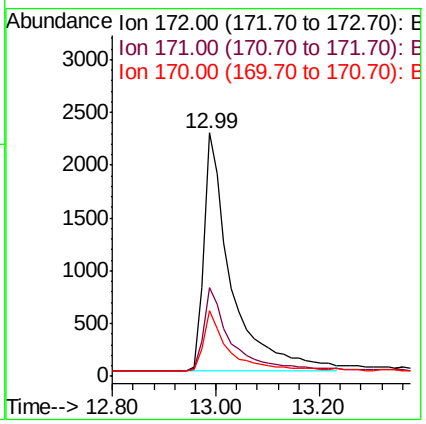


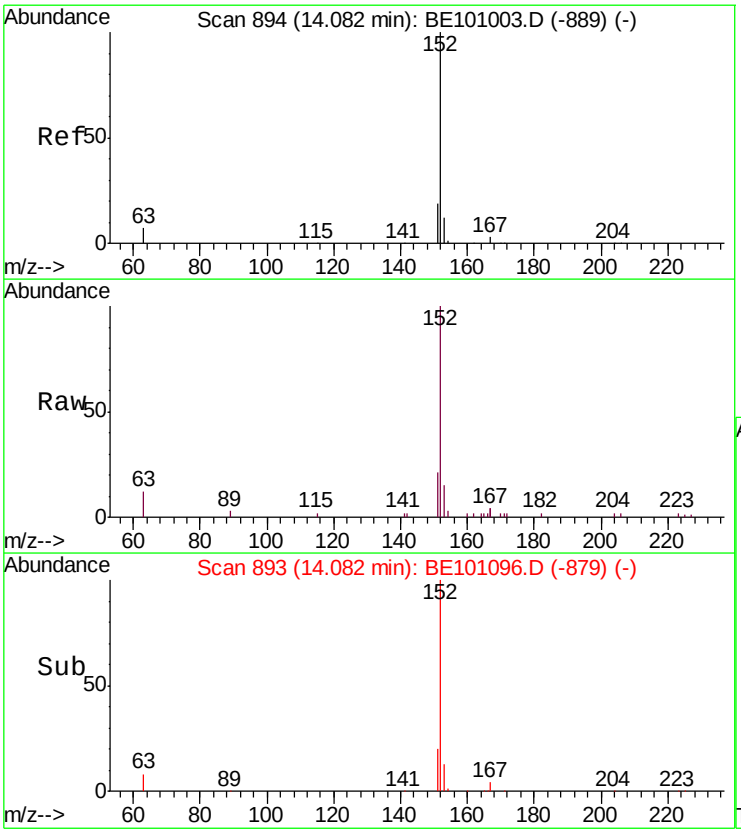
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 8347

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	26.9	18.9	28.3

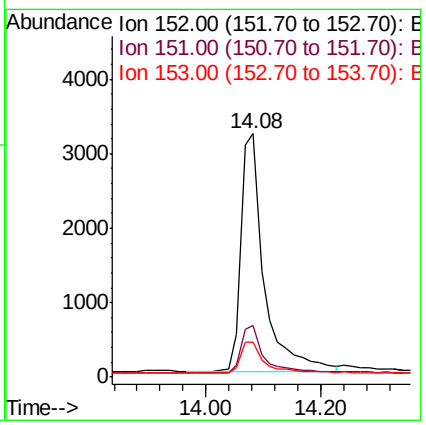


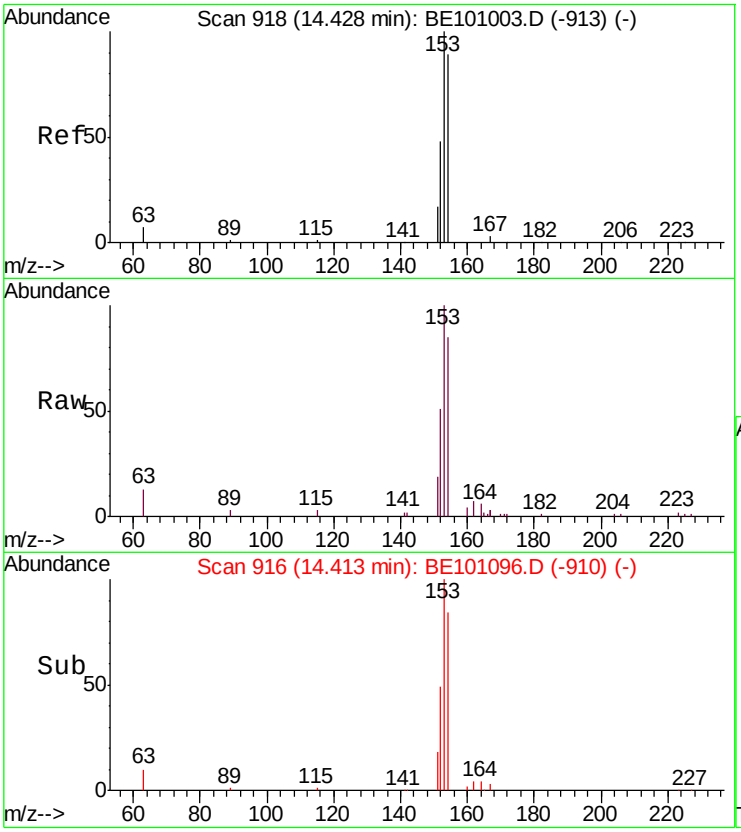


#16
Acenaphthylene
Concen: 0.365 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:152 Resp: 9066

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.4	10.4	15.6



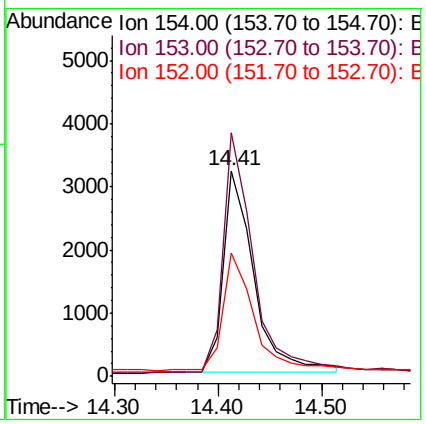


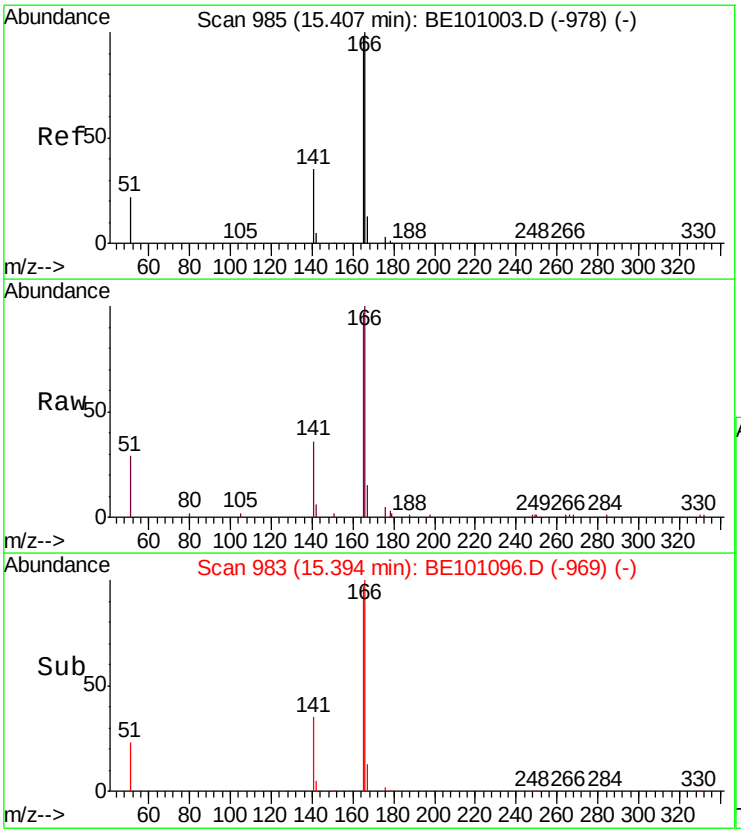
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.02 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 6626

Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.6	140.4
152	57.5	46.3	69.5

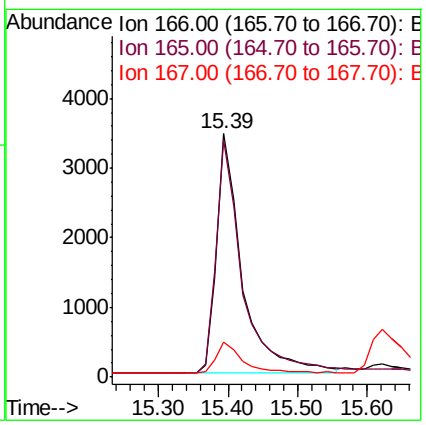


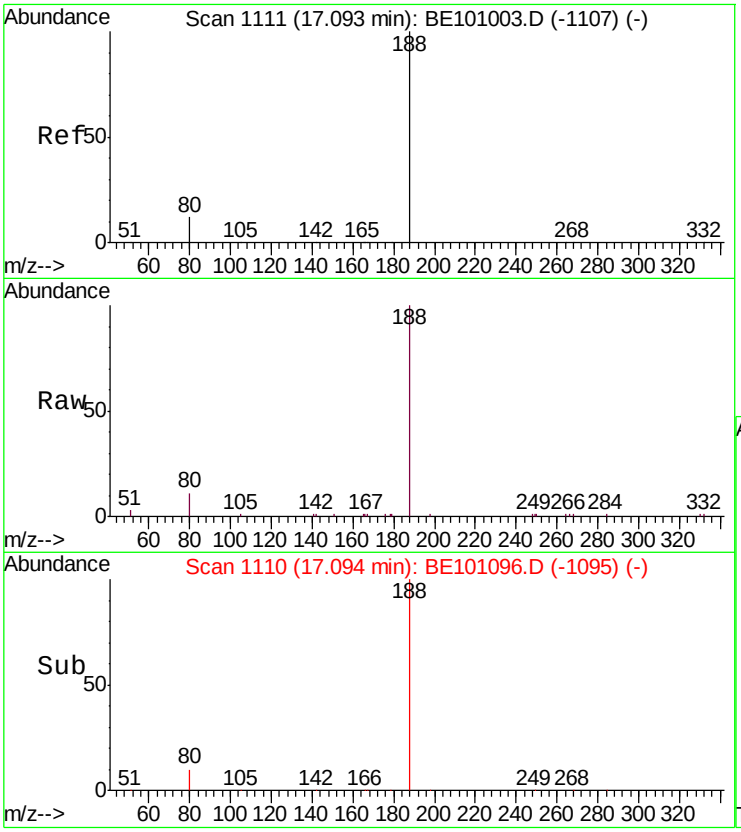


#18
Fluorene
Concen: 0.395 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:166 Resp: 8874

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.2	11.0	16.6



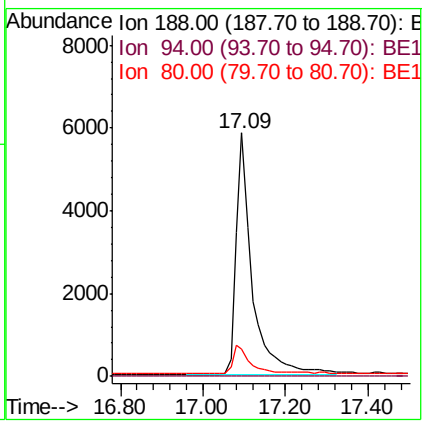


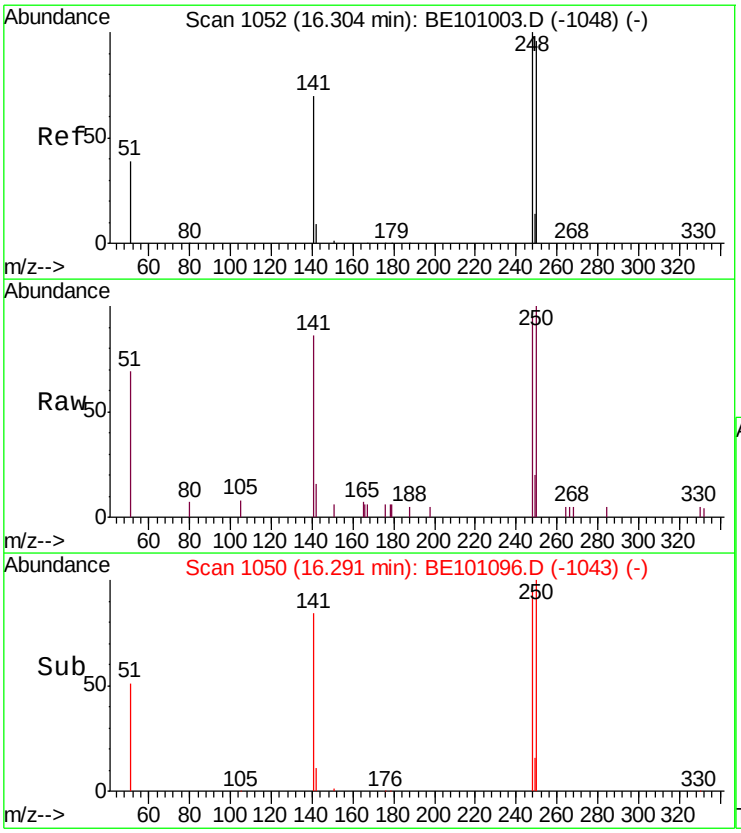
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 15591

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	10.8	16.2

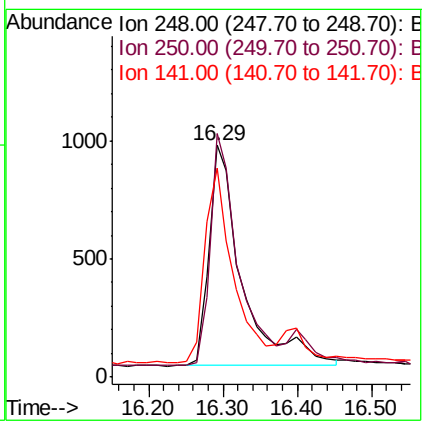


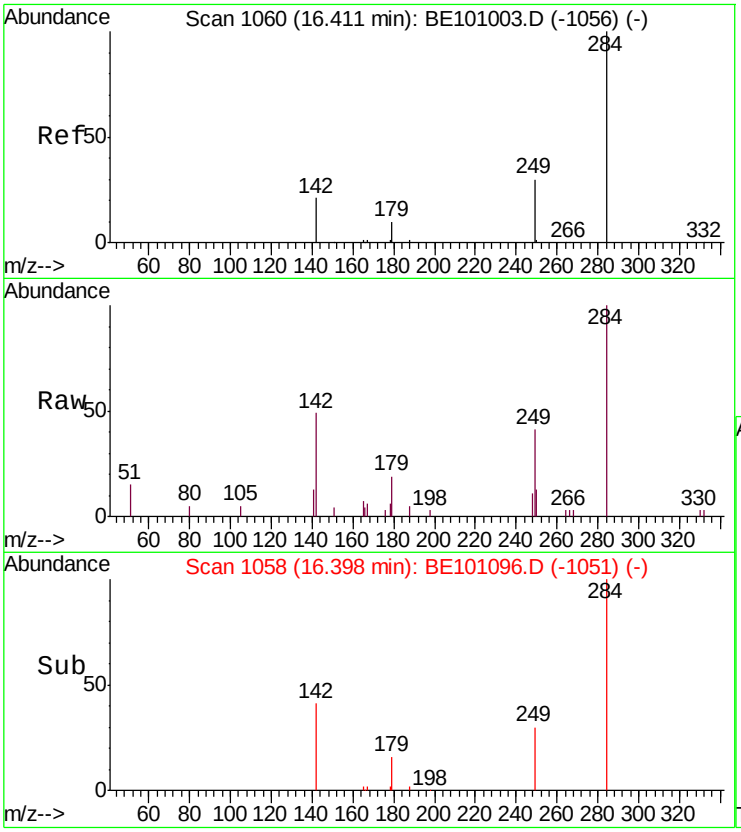


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:248 Resp: 2921

Ion	Ratio	Lower	Upper
248	100		
250	105.1	76.6	115.0
141	90.2	57.7	86.5#



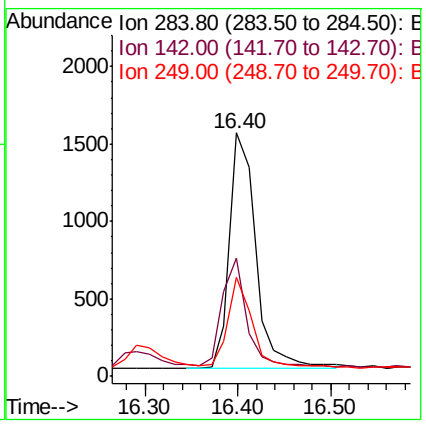


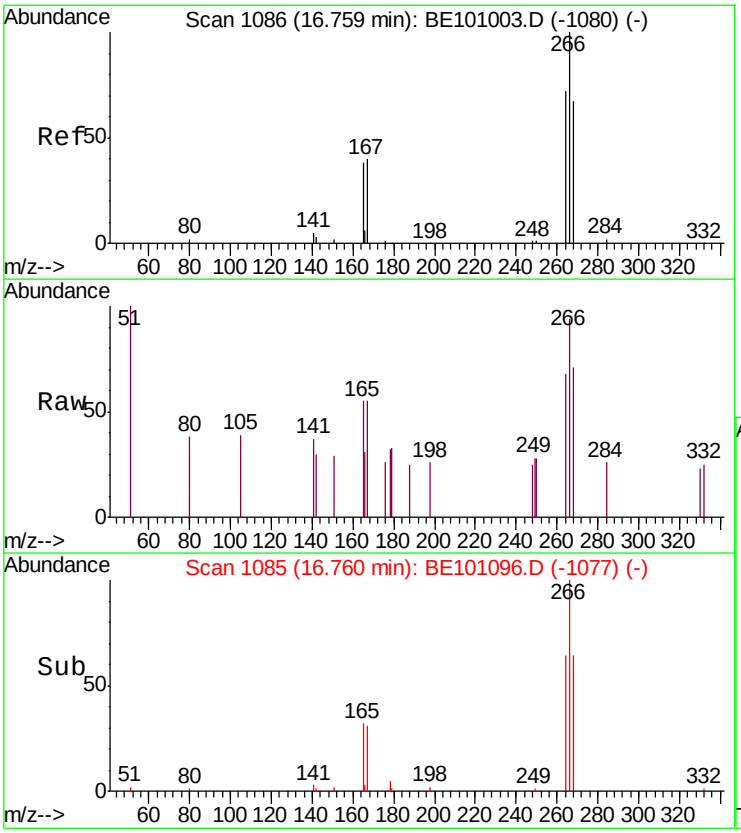
#21
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3004

Ion	Ratio	Lower	Upper
284	100		
142	42.1	34.0	51.0
249	33.4	28.2	42.4

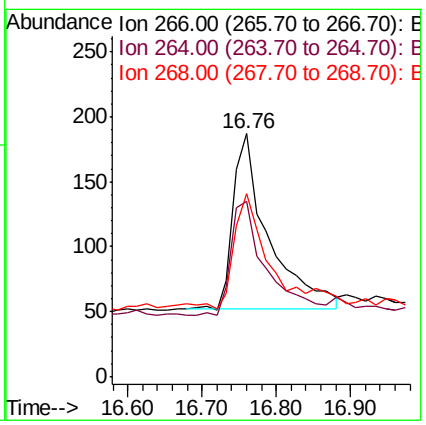


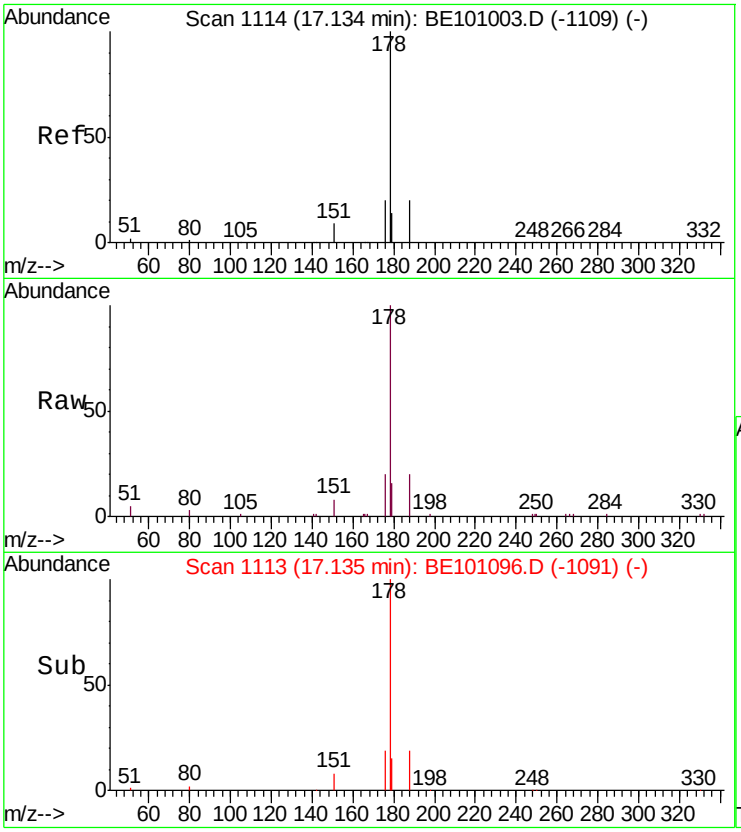


#22
Pentachlorophenol
Concen: 0.402 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:266 Resp: 445

Ion	Ratio	Lower	Upper
266	100		
264	72.2	61.0	91.4
268	75.4	58.5	87.7



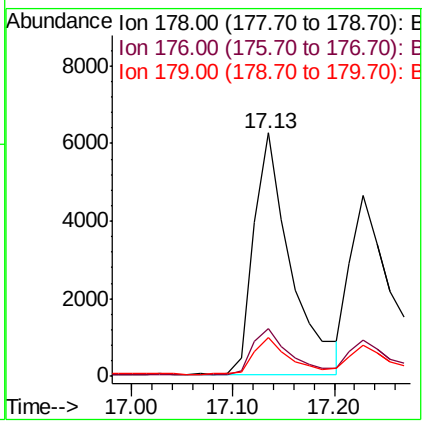


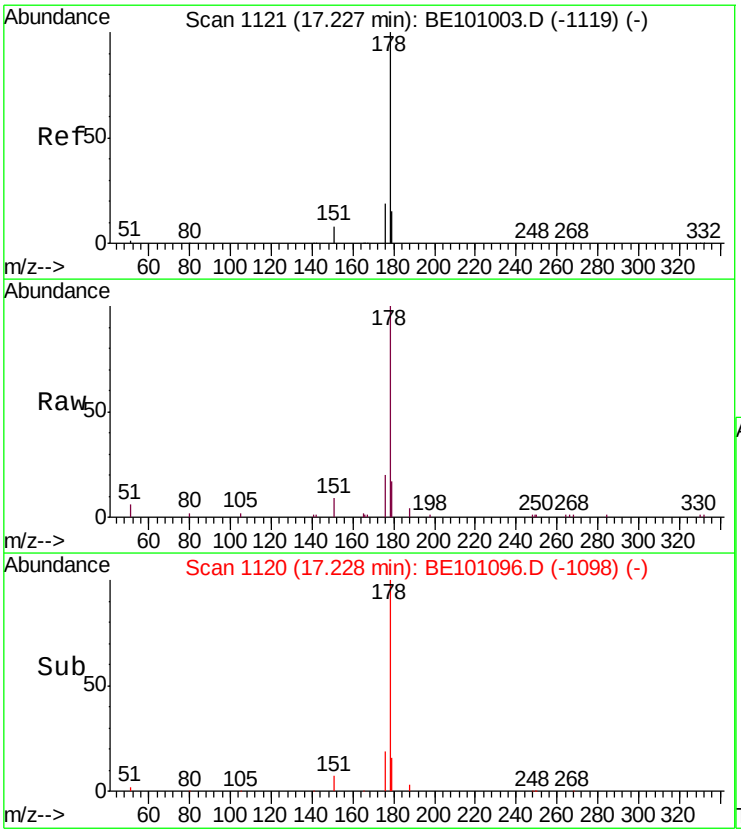
#23
Phenanthrene
Concen: 0.371 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 15812

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	14.4	12.0	18.0

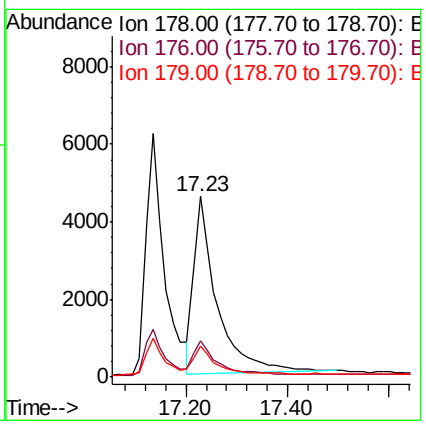


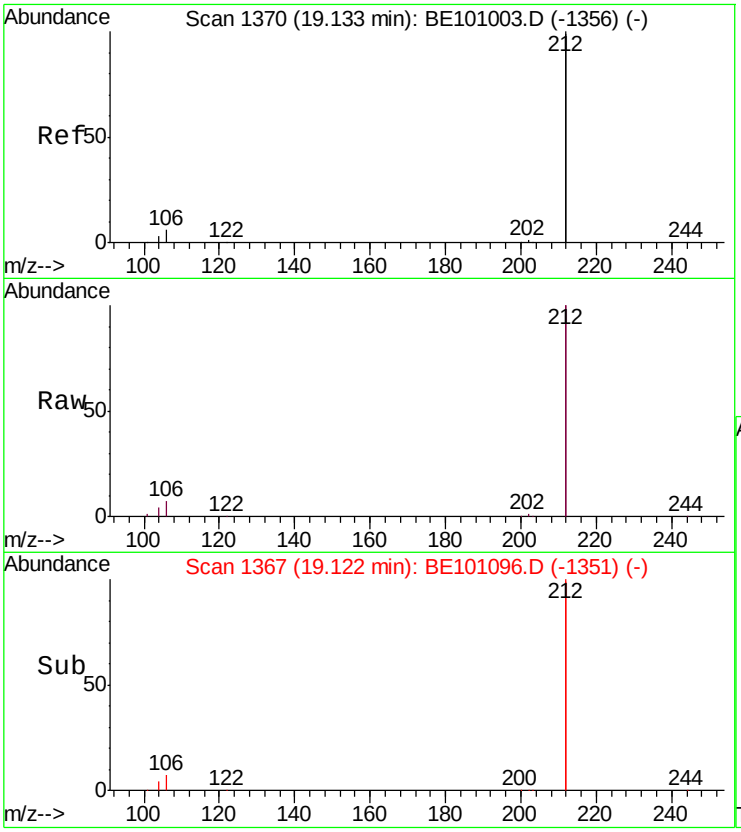


#24
Anthracene
Concen: 0.363 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:178 Resp: 14576

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.8	22.2
179	15.6	12.4	18.6



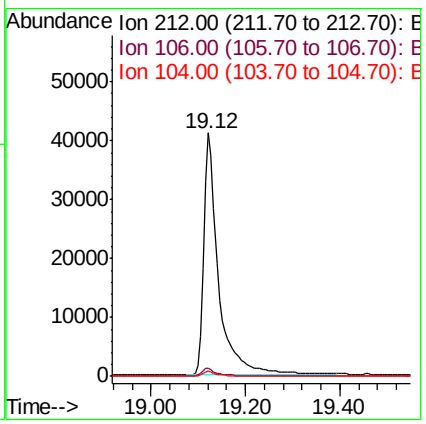


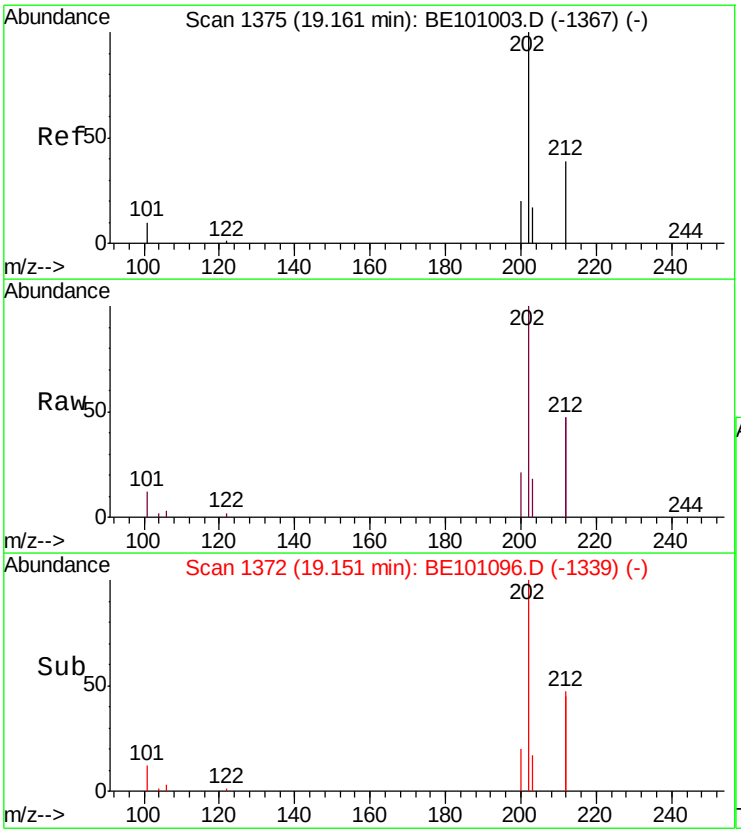
#25
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 91040

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.8	1.4	2.0

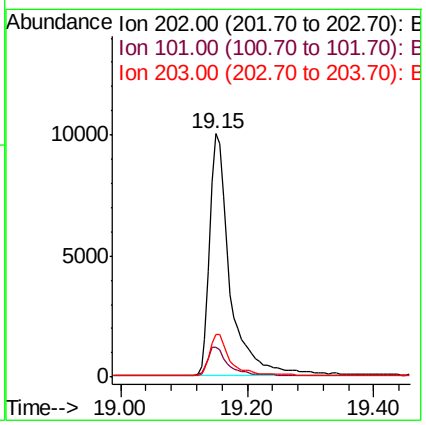


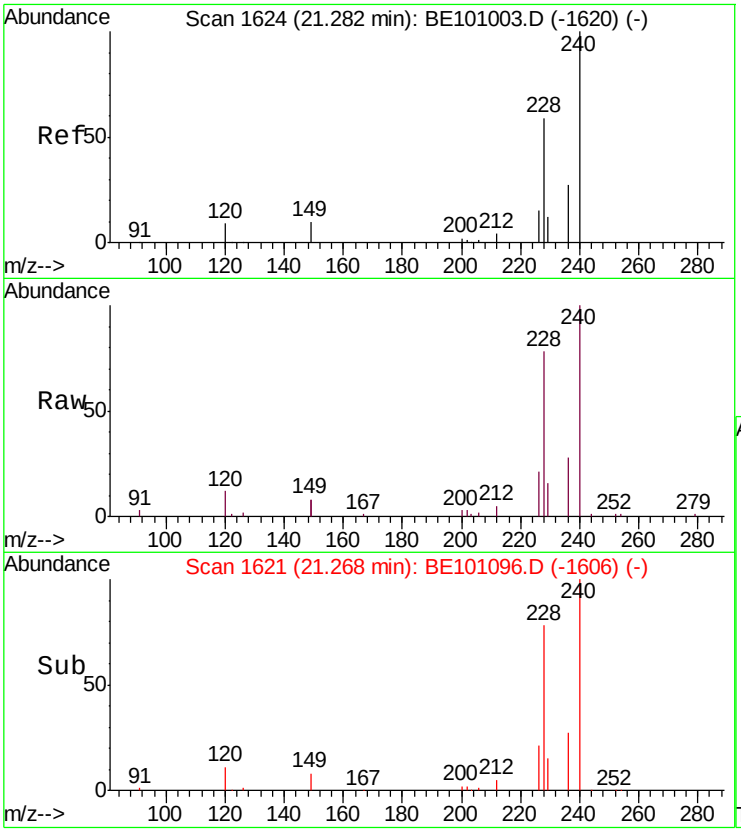


#26
Fluoranthene
Concen: 0.415 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:202 Resp: 22104

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	17.0	13.8	20.6



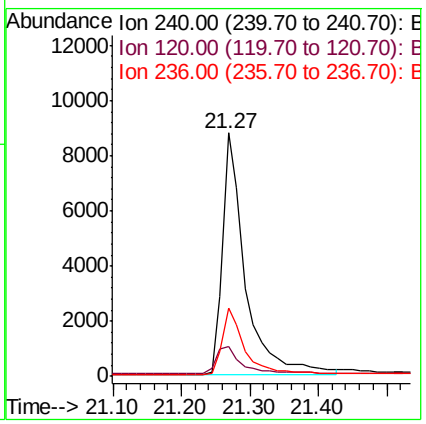


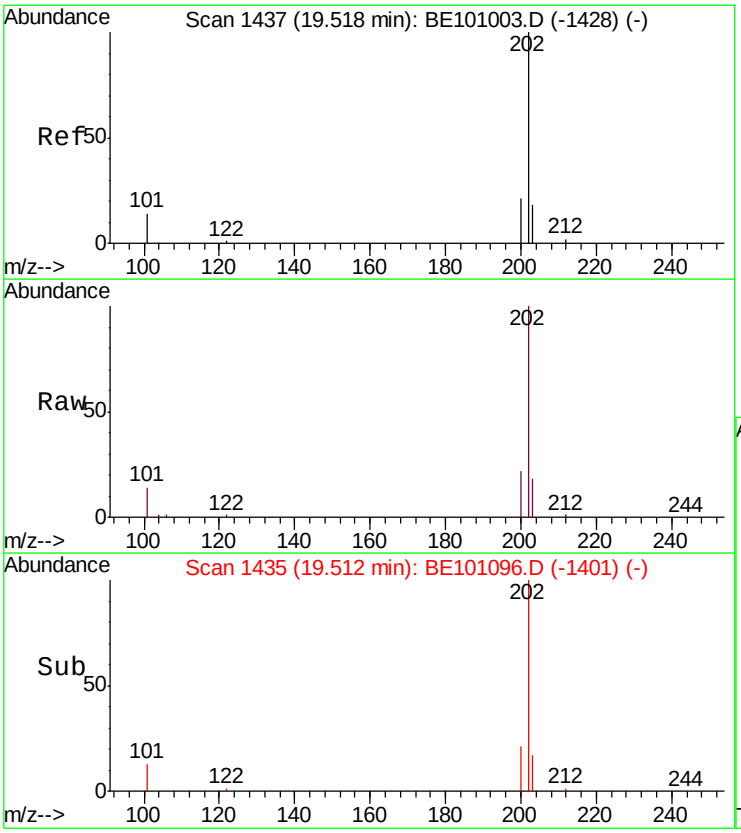
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 20450

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.6	13.0
236	27.9	22.2	33.4

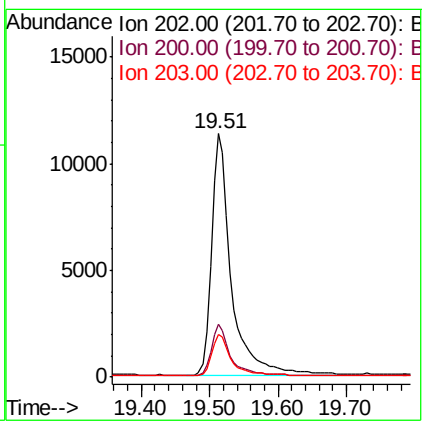


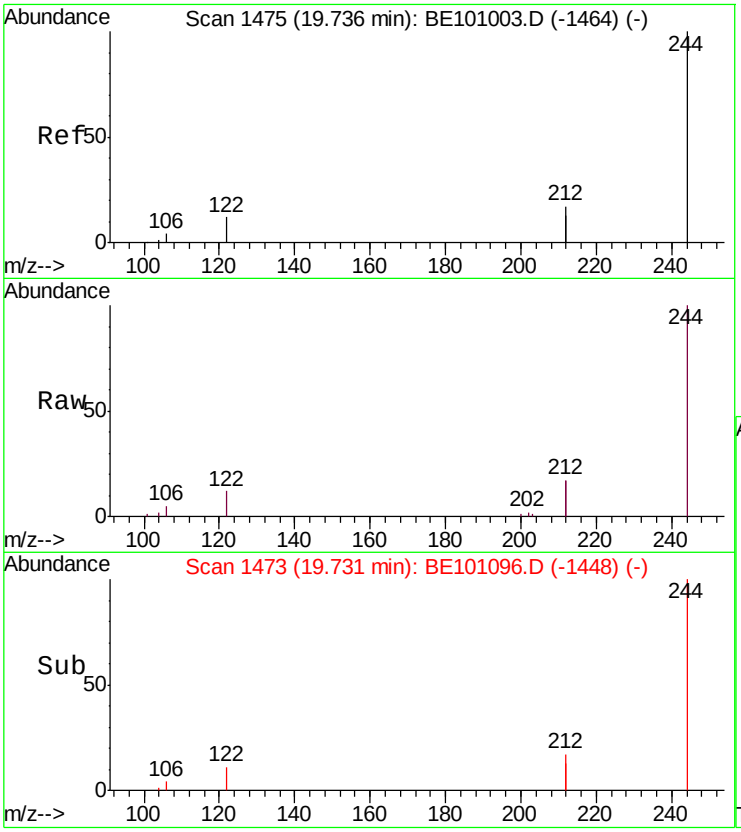


#28
Pyrene
Concen: 0.302 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:202 Resp: 23004

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.1	13.8	20.6



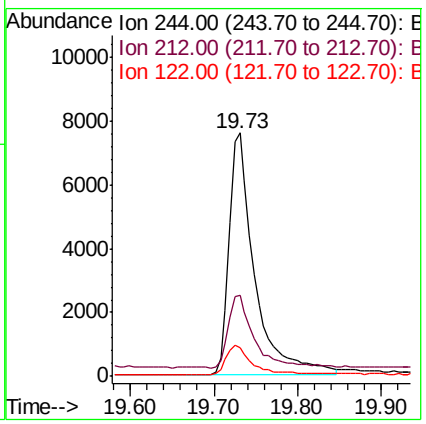


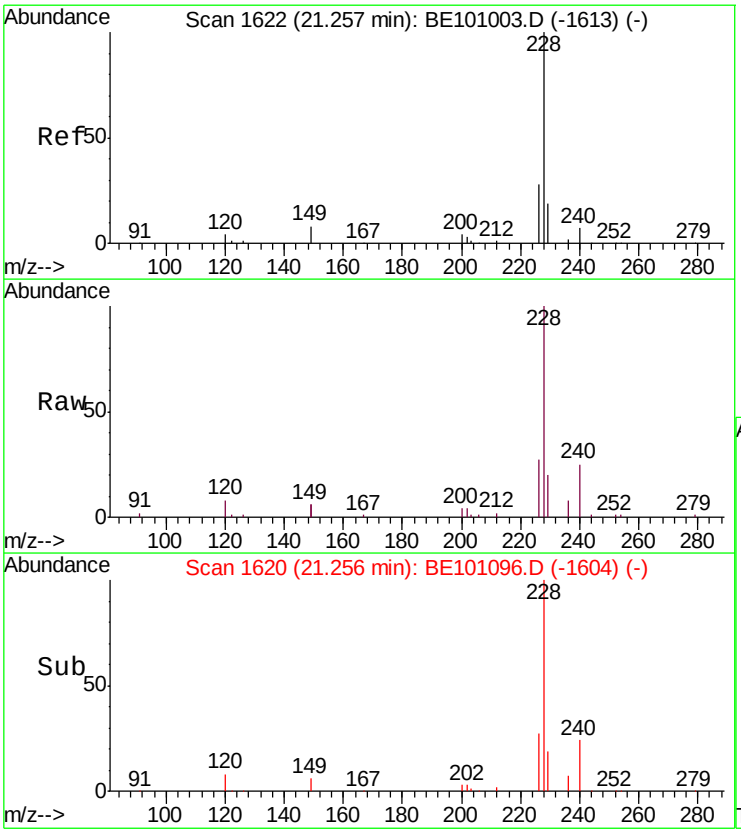
#29
Terphenyl-d14
Concen: 0.321 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 16098

Ion	Ratio	Lower	Upper
244	100		
212	33.1	27.2	40.8
122	11.9	9.8	14.8

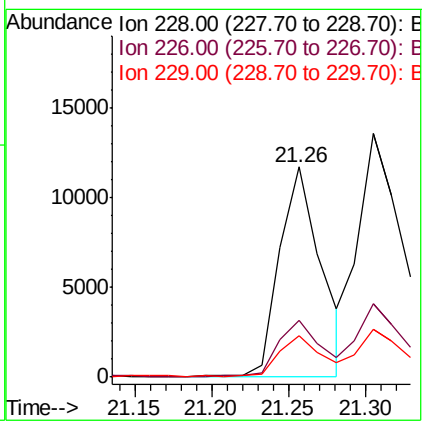


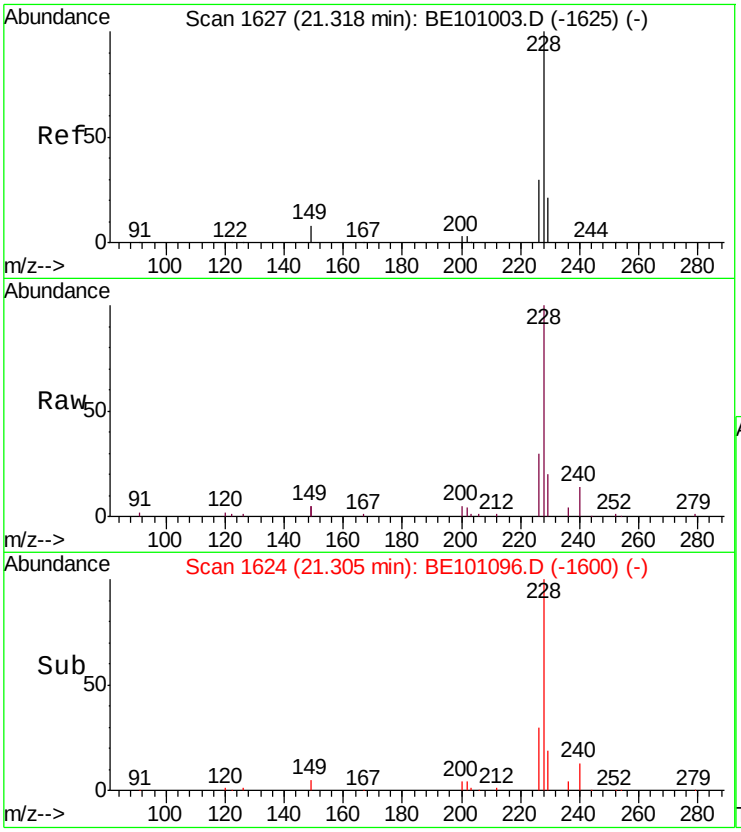


#30
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:228 Resp: 21804

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.7	34.1
229	19.8	15.5	23.3



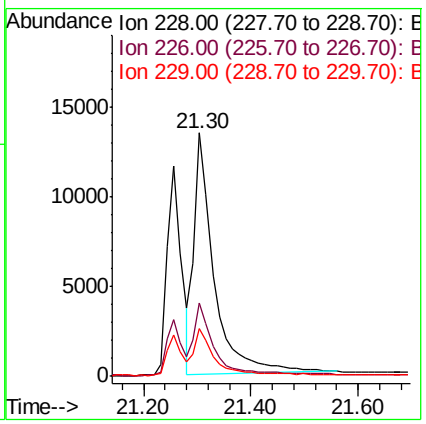


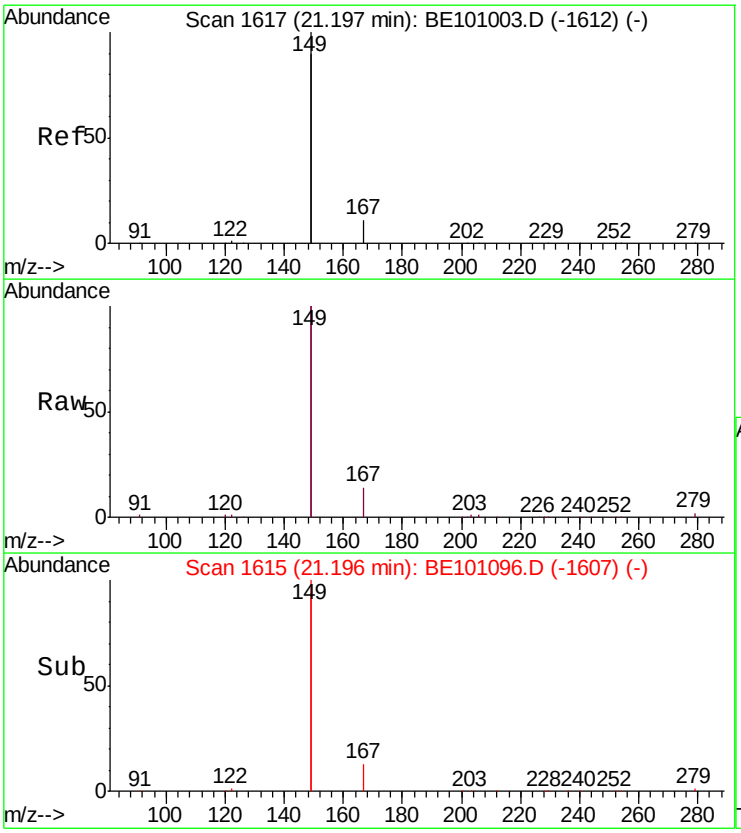
#31
Chrysene
Concen: 0.394 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 34181

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	19.6	16.7	25.1

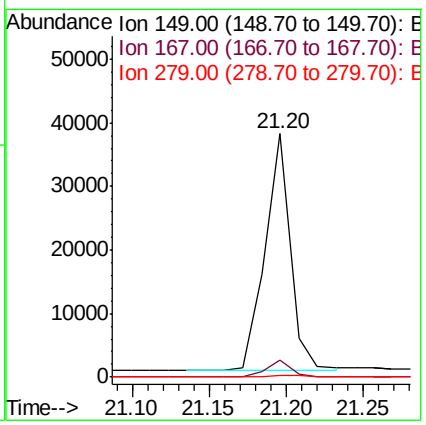


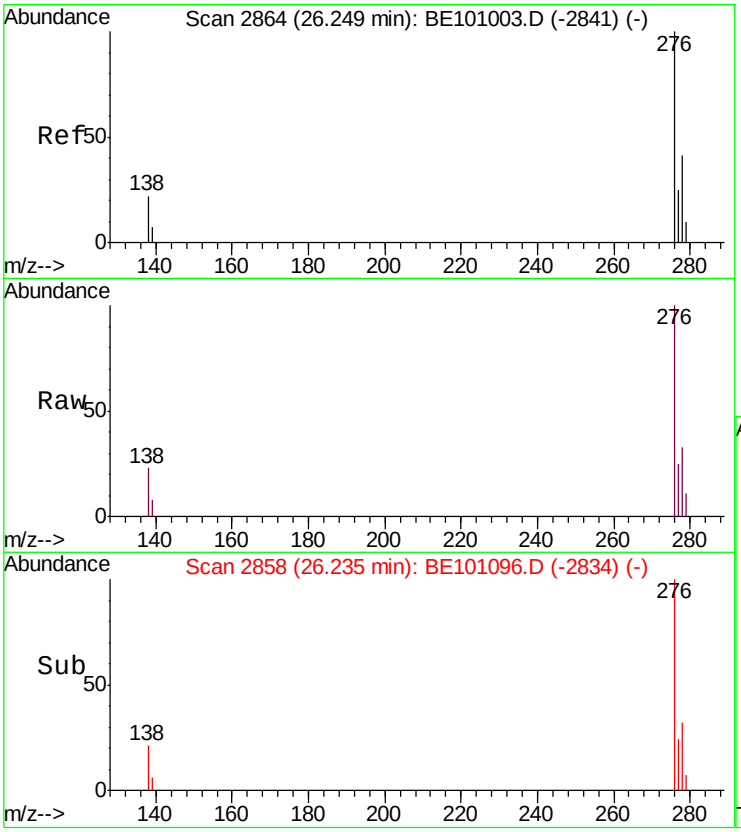


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.441 ng
RT: 21.20 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:149 Resp: 42895

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.2	7.8
279	1.0	0.8	1.2



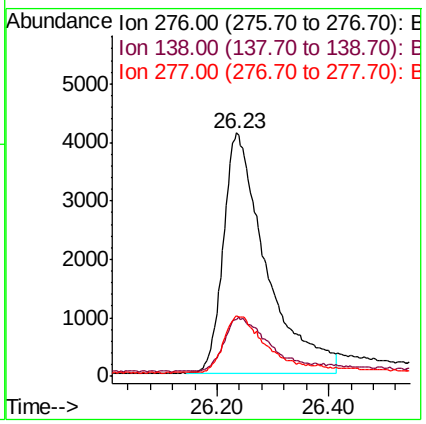


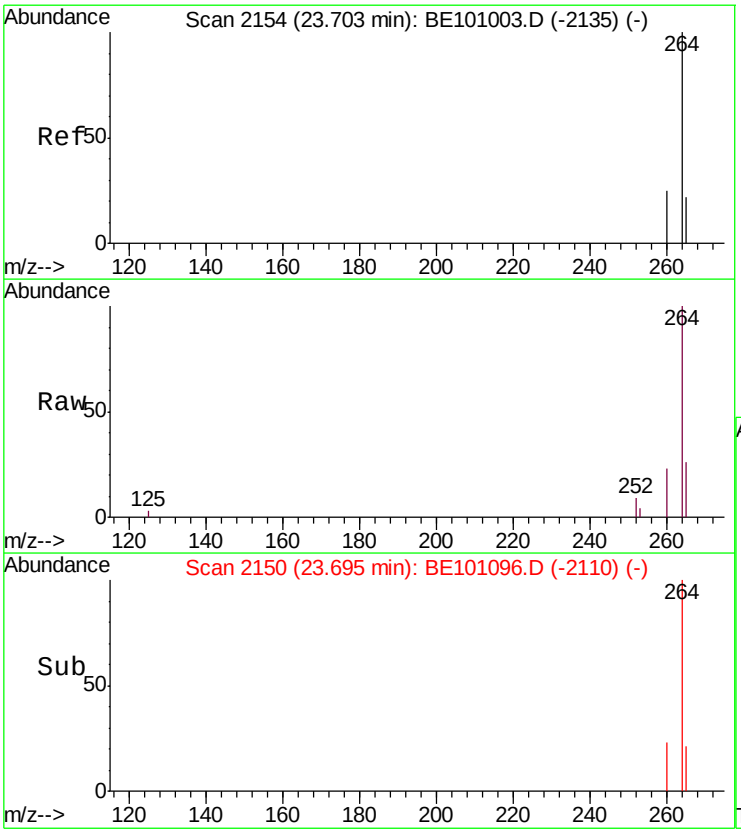
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21845

Ion	Ratio	Lower	Upper
276	100		
138	22.9	16.1	24.1
277	23.8	18.1	27.1

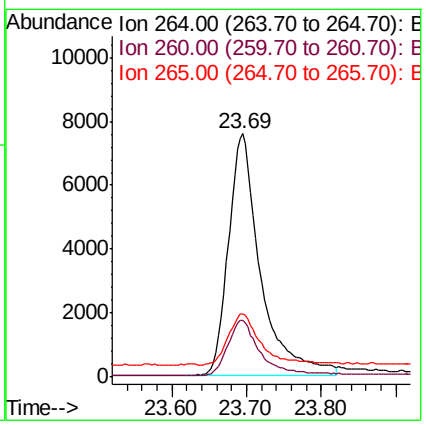


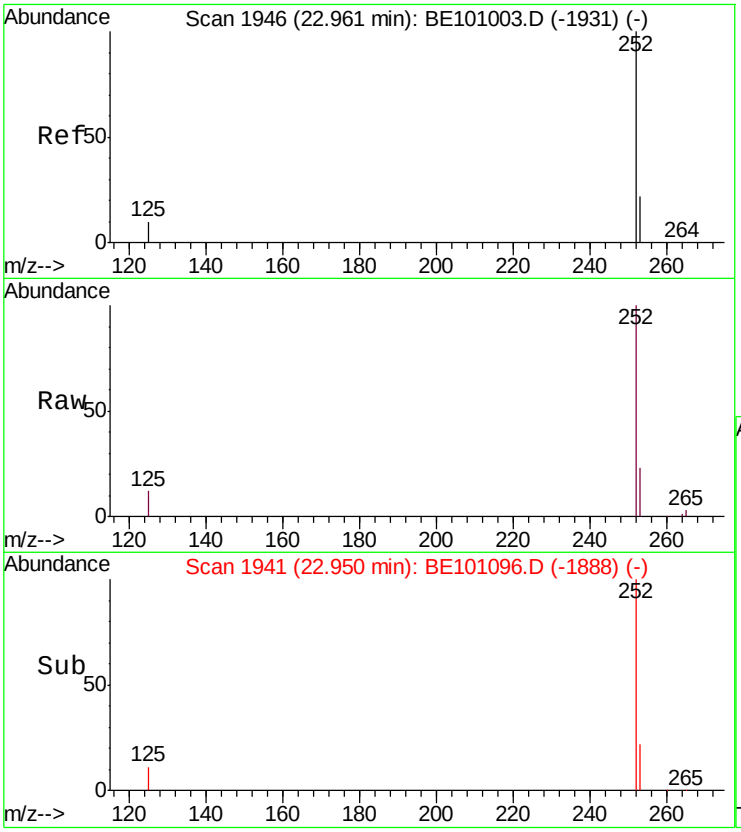


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:264 Resp: 22487

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.3	30.5
265	25.9	27.0	40.4#



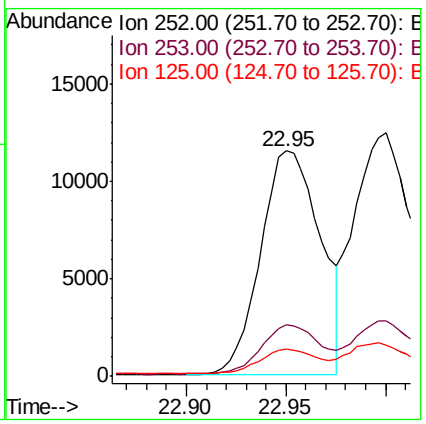


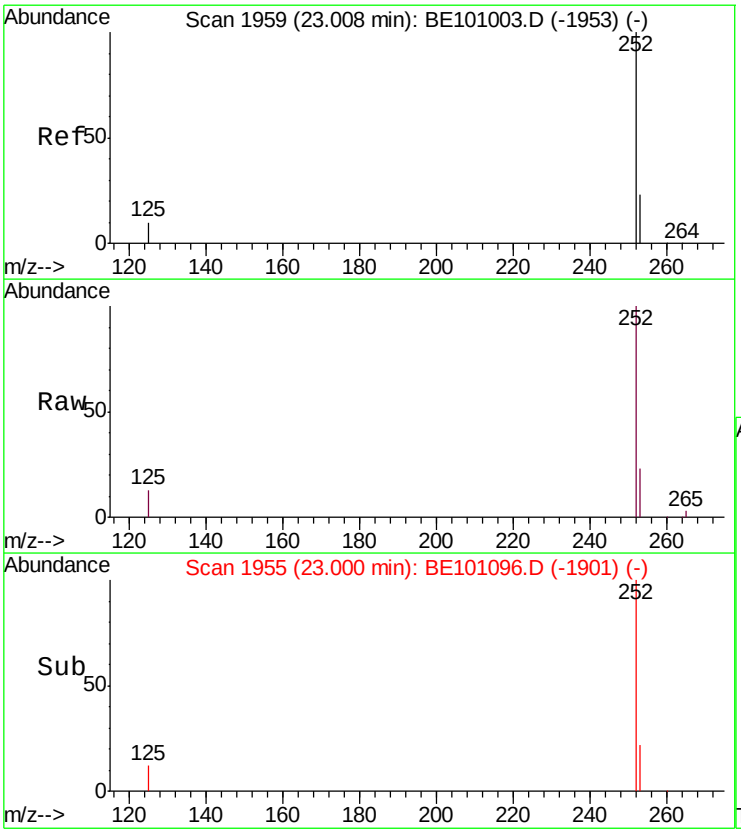
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 22.95 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23845

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.2	9.5	14.3

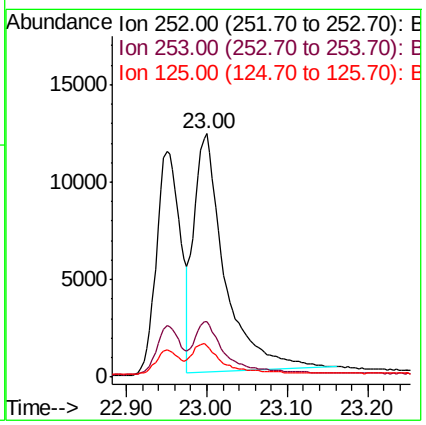


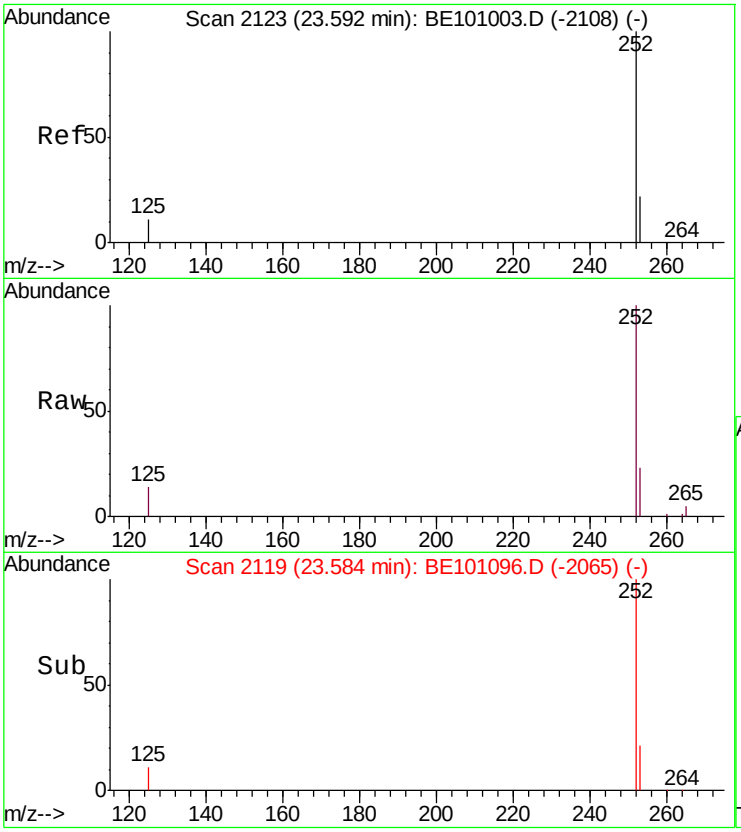


#36
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:252 Resp: 32519

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	13.0	10.1	15.1



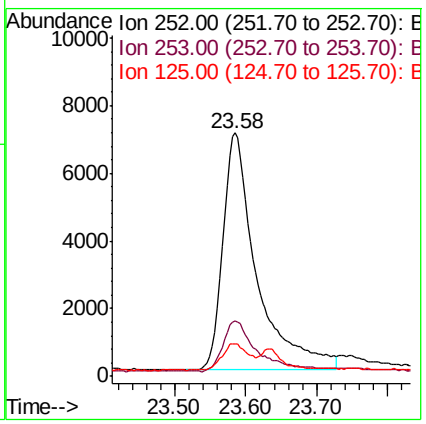


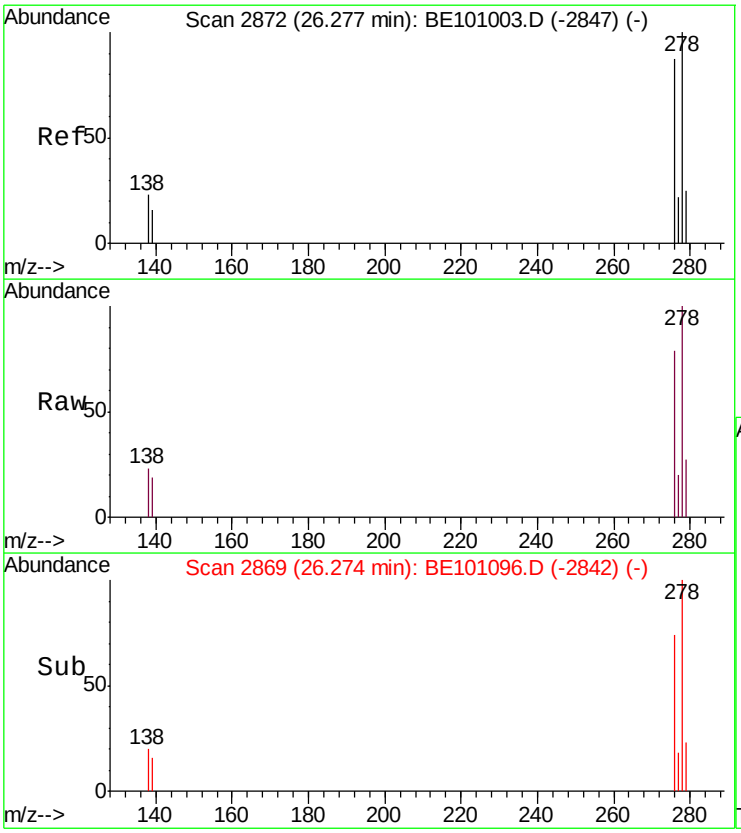
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23278

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.2
125	13.6	11.8	17.6

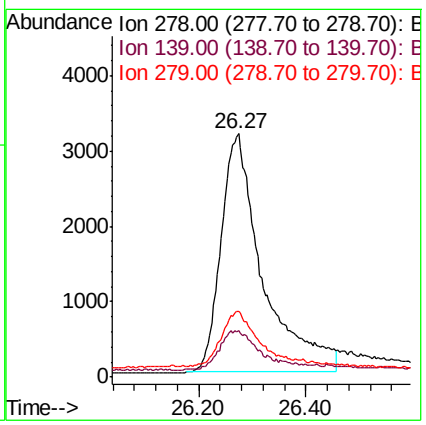


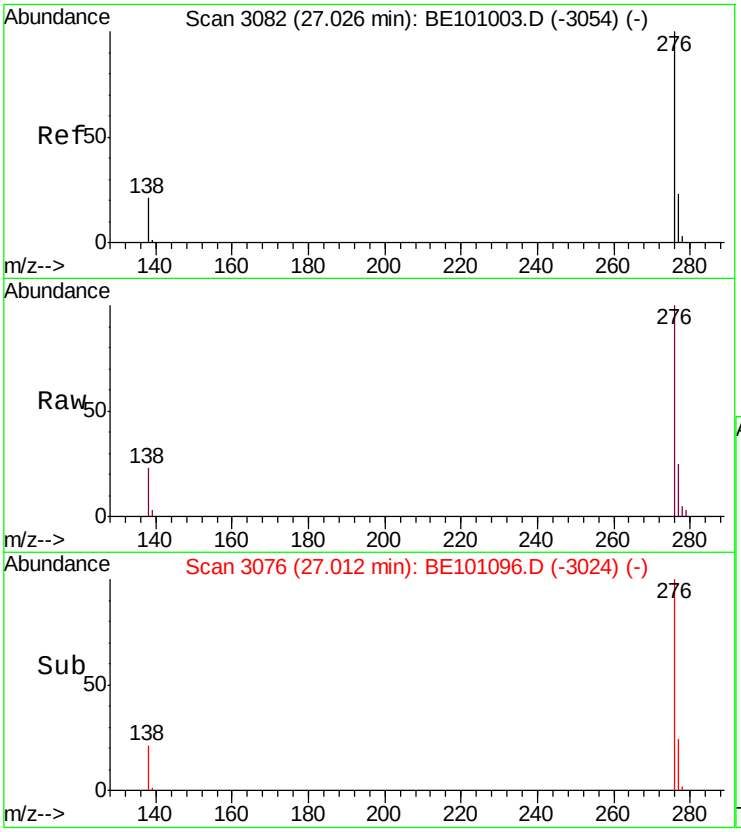


#38
Dibenzo(a,h)anthracene
Concen: 0.305 ng
RT: 26.27 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Tgt Ion:278 Resp: 17119

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.0	22.4
279	26.7	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.287 ng
RT: 27.01 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BE101096.D
Acq: 20 Jan 2020 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 19779

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	23.3	17.9	26.9