Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
Data File : BE101019.D
Acq On : 10 Jan 2020 10:27
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 10 12:20:24 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3247	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	14774	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	8975	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	19397	0.40	ng		0.00
27) Chrysene-d12	21.28	240	15956	0.40	ng		0.00
34) Perylene-d12	23.70	264	18149	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2676	0.37	ng		0.00
5) Phenol-d6	6.92	99	3232	0.35	ng		0.00
8) Nitrobenzene-d5	8.87	82	3259	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	10748	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	741	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	13701	0.40	ng		0.00
25) Fluoranthene-d10	19.13	212	99413	0.37	ng		0.00
29) Terphenyl-d14	19.74	244	15868	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	3097	0.393	ng		100
3) n-Nitrosodimethylamine	3.61	42	1609	0.357	ng	#	82
6) bis(2-Chloroethyl)ether	7.17	93	3805	0.346	ng		95
9) Naphthalene	10.55	128	66839	0.407	ng		100
10) Hexachlorobutadiene	10.85	225	2909	0.419	ng		96
12) 2-Methylnaphthalene	12.18	142	9634	0.388	ng		100
16) Acenaphthylene	14.08	152	12464	0.341	ng		99
17) Acenaphthene	14.43	154	10263	0.392	ng		99
18) Fluorene	15.39	166	12909	0.390	ng		98
20) 4-Bromophenyl-phenylether	16.31	248	3918	0.414	ng		95
21) Hexachlorobenzene	16.41	284	4330	0.417	ng		98
22) Pentachlorophenol	16.76	266	589	0.412	ng		99
23) Phenanthrene	17.14	178	20690	0.391	ng		100
24) Anthracene	17.23	178	18572	0.372	ng		99
26) Fluoranthene	19.15	202	24408	0.368	ng		99
28) Pyrene	19.52	202	24499	0.412	ng		100
30) Benzo(a)anthracene	21.26	228	13854	0.304	ng		98
31) Chrysene	21.31	228	30761	0.455	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	22403	0.295	ng		100
33) Indeno(1,2,3-cd)pyrene	26.24	276	22555	0.422	ng		97
35) Benzo(b)fluoranthene	22.95	252	17045	0.335	ng		99
36) Benzo(k)fluoranthene	23.00	252	26970	0.366	ng		98
37) Benzo(a)pyrene	23.59	252	17938	0.364	ng		99
38) Dibenzo(a,h)anthracene	26.27	278	13966	0.308	ng		97
39) Benzo(g,h,i)perylene	27.01	276	20404	0.366	ng		100

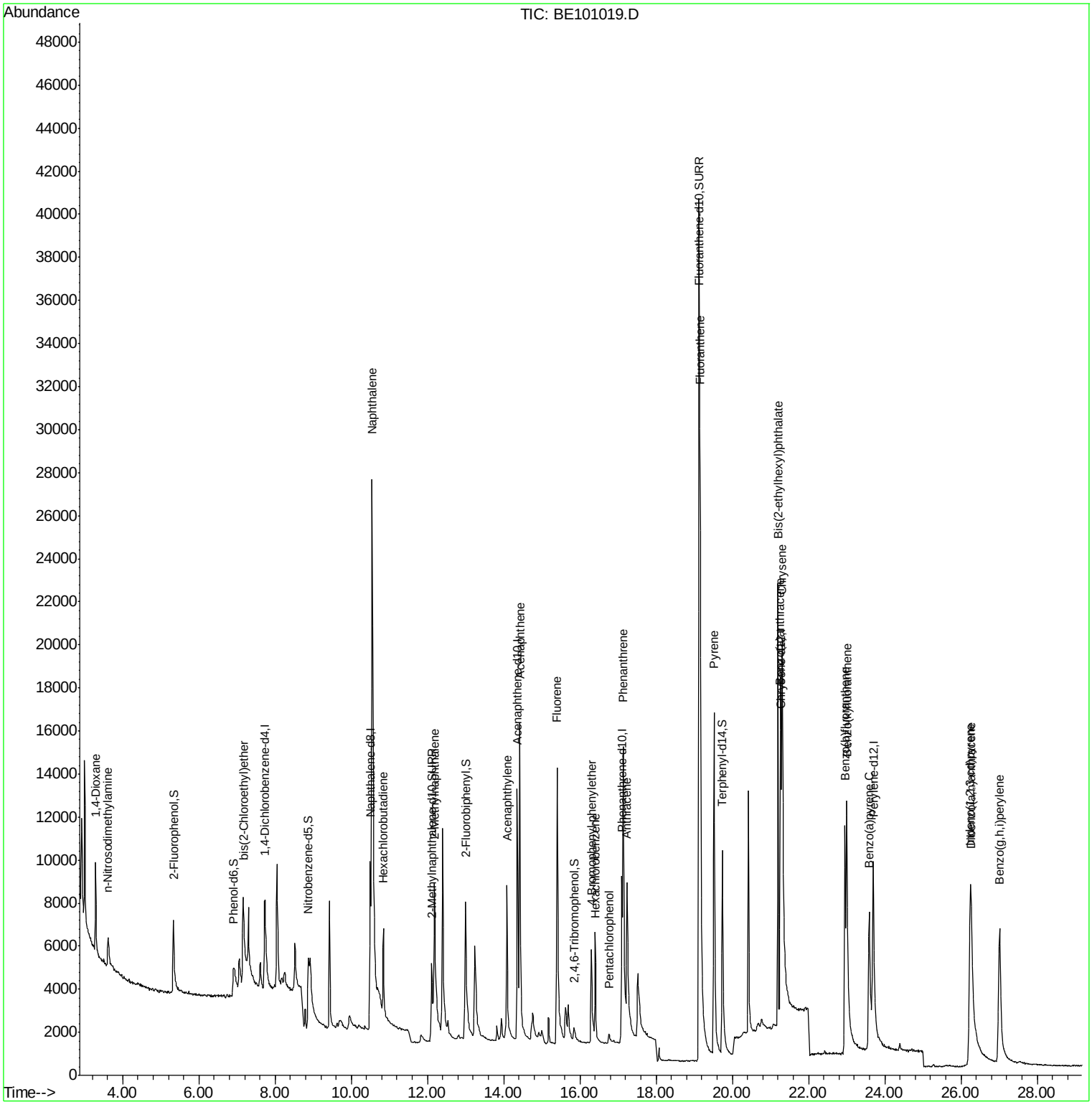
(#) = qualifier out of range (m) = manual integration (+) = signals summed

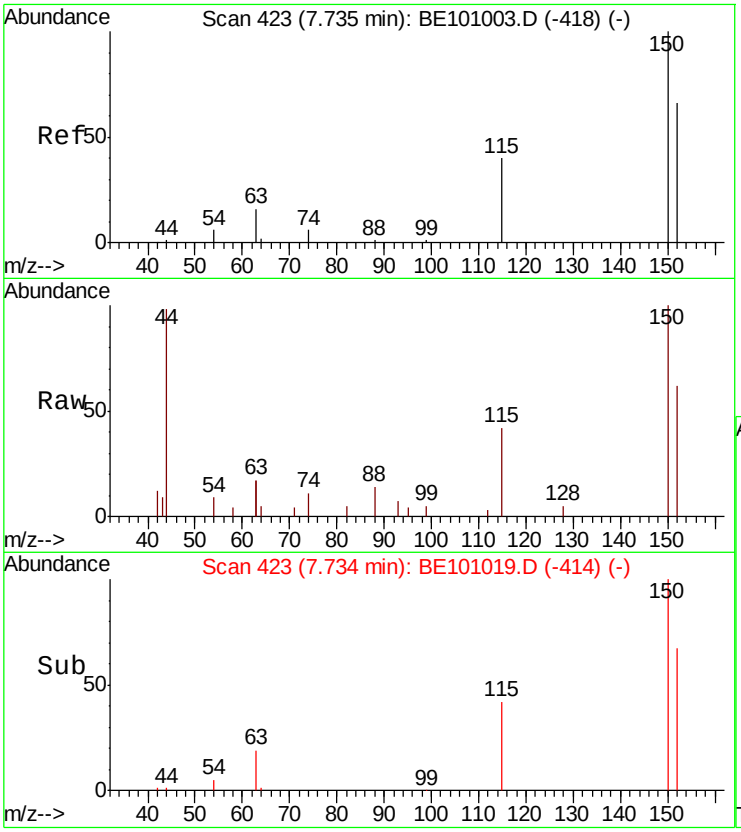
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
Data File : BE101019.D
Acq On : 10 Jan 2020 10:27
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 10 12:20:24 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



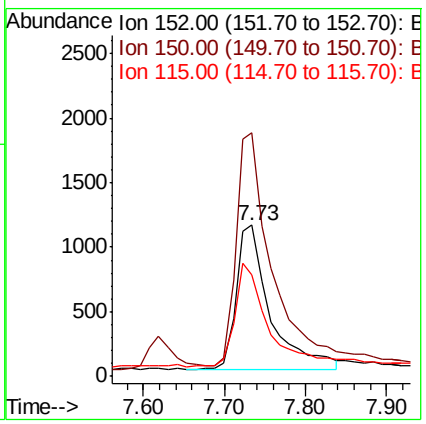


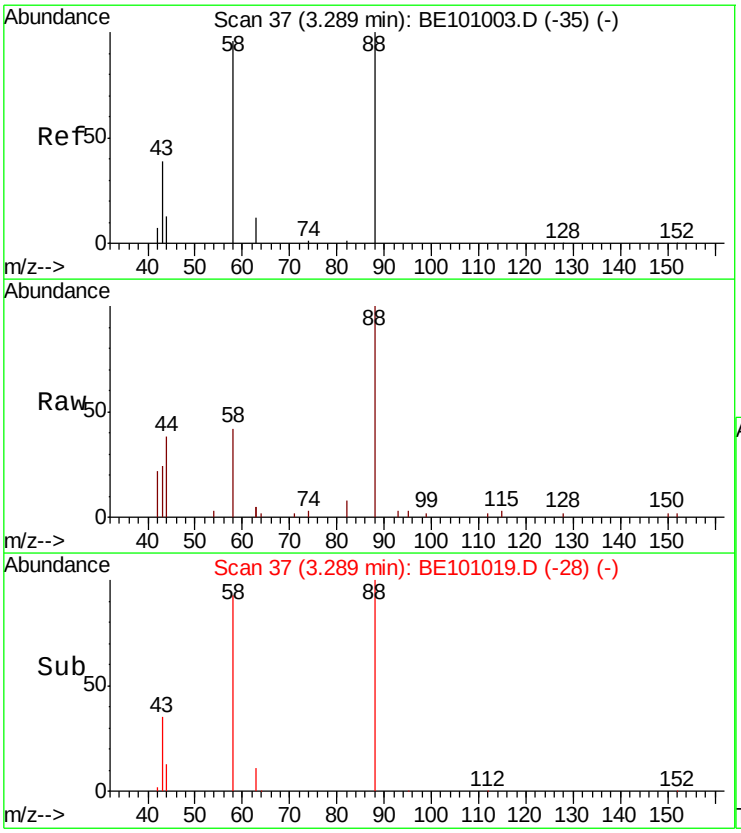
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3247

Ion	Ratio	Lower	Upper
152	100		
150	161.5	120.3	180.5
115	67.1	51.7	77.5

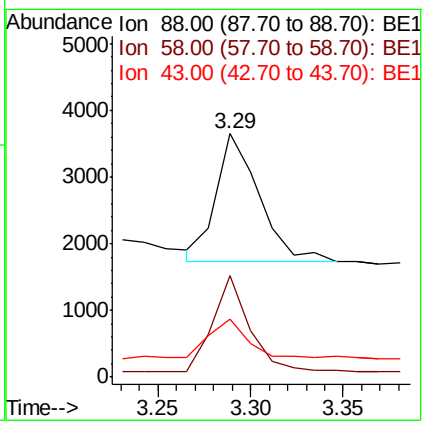


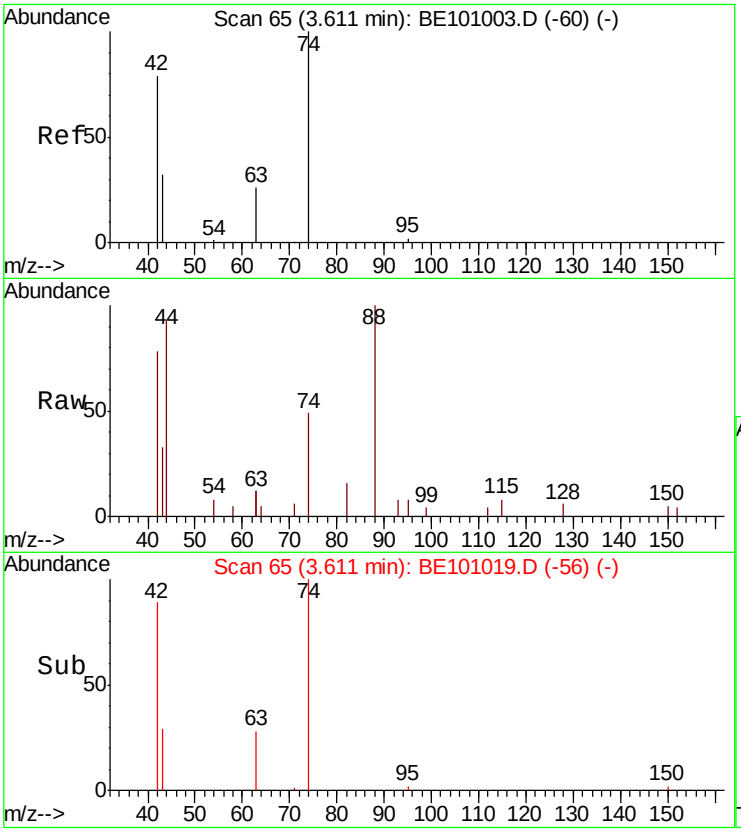


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion: 88 Resp: 3097

Ion	Ratio	Lower	Upper
88	100		
58	66.3	53.0	79.4
43	29.5	23.4	35.2



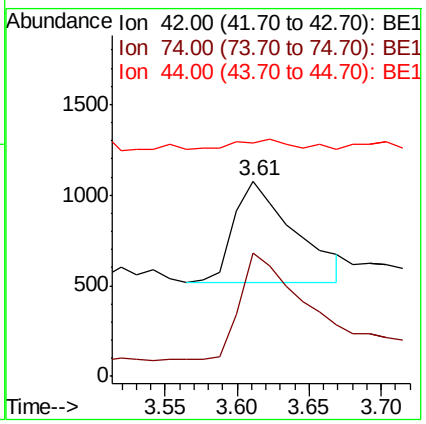


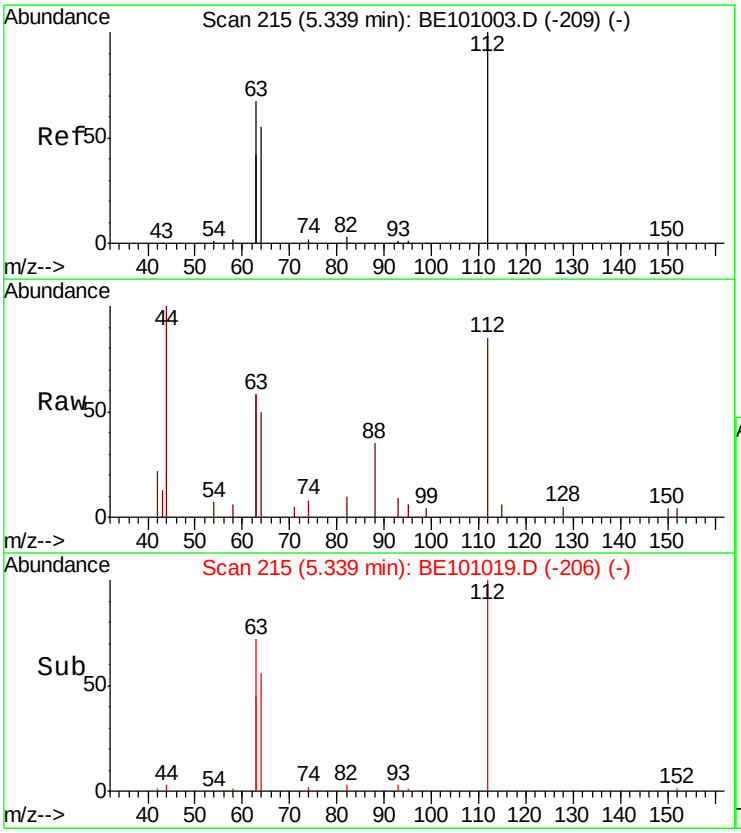
#3
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1609

Ion	Ratio	Lower	Upper
42	100		
74	109.6	105.7	158.5
44	8.3	10.0	15.0#

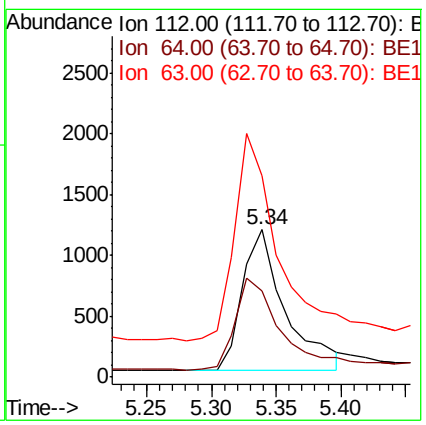


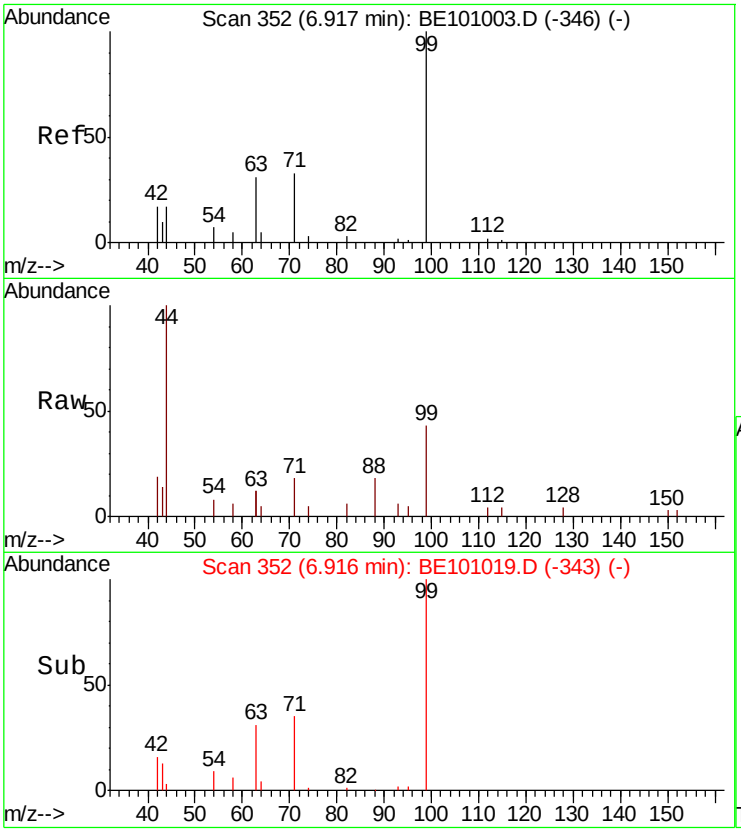


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.34 min Scan# 215
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:112 Resp: 2676

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.6	80.4
63	147.5	114.6	172.0



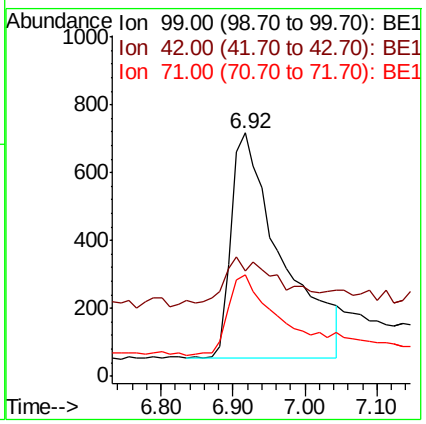


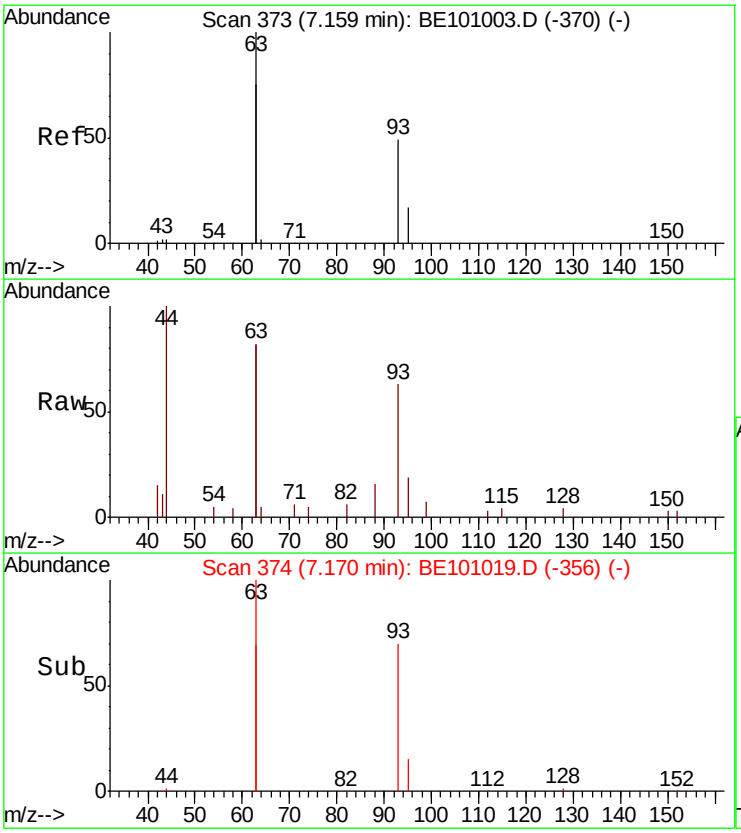
#5
Phenol-d6
Concen: 0.350 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3232

Ion	Ratio	Lower	Upper
99	100		
42	20.3	18.3	27.5
71	35.8	28.0	42.0

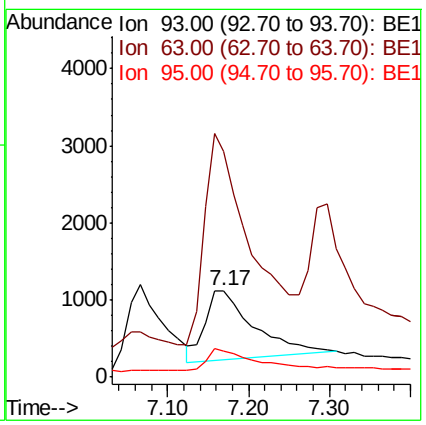


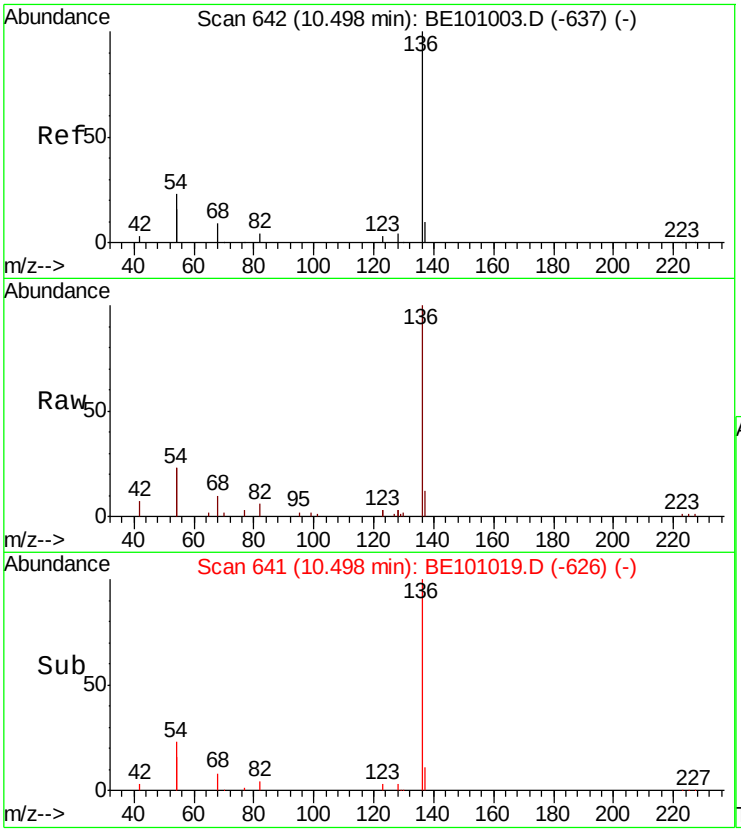


#6
bis(2-Chloroethyl)ether
Concen: 0.346 ng
RT: 7.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion: 93 Resp: 3805

Ion	Ratio	Lower	Upper
93	100		
63	282.1	233.9	350.9
95	32.6	23.5	35.3



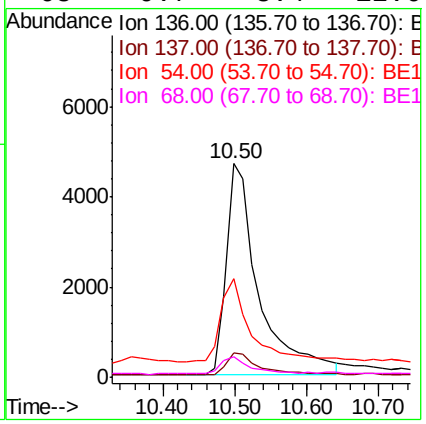


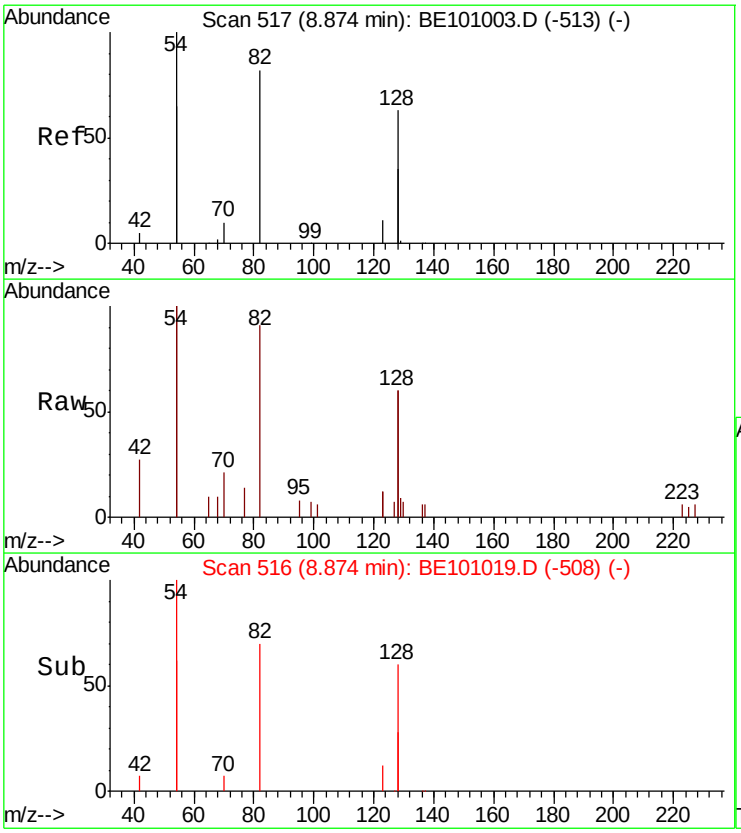
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14774

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	46.1	36.8	55.2
68	9.7	8.4	12.6

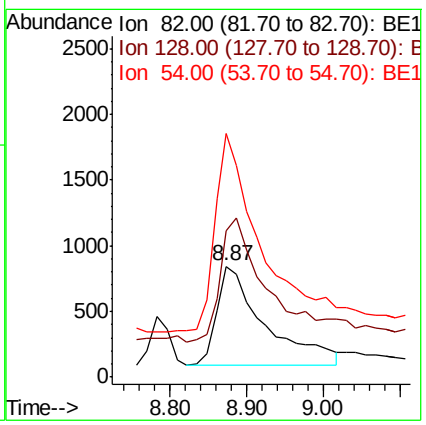


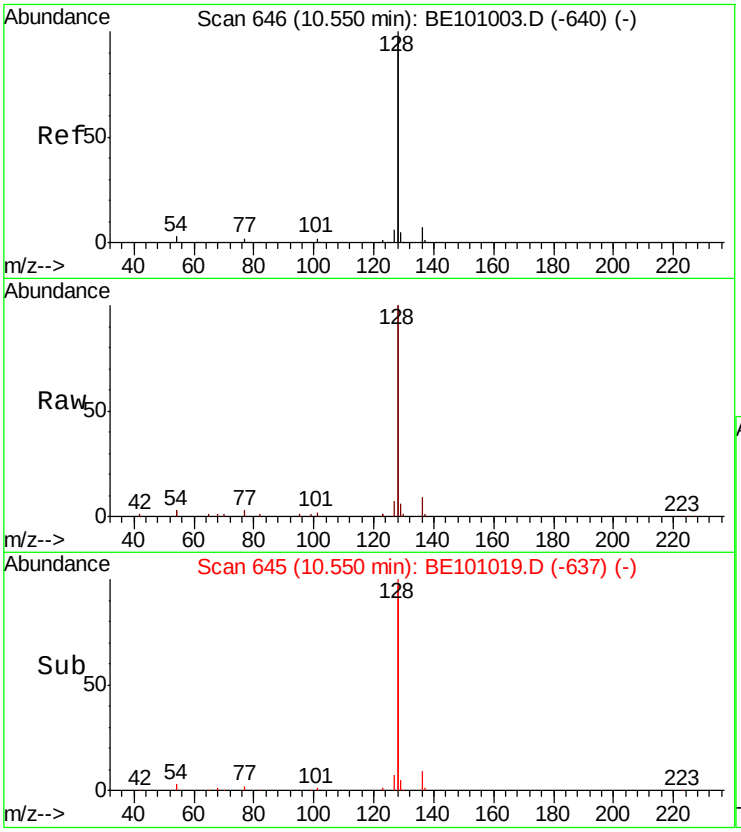


#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion: 82 Resp: 3259

Ion	Ratio	Lower	Upper
82	100		
128	131.4	109.8	164.6
54	219.1	174.5	261.7



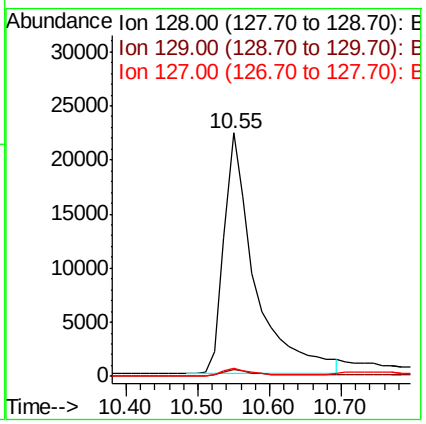


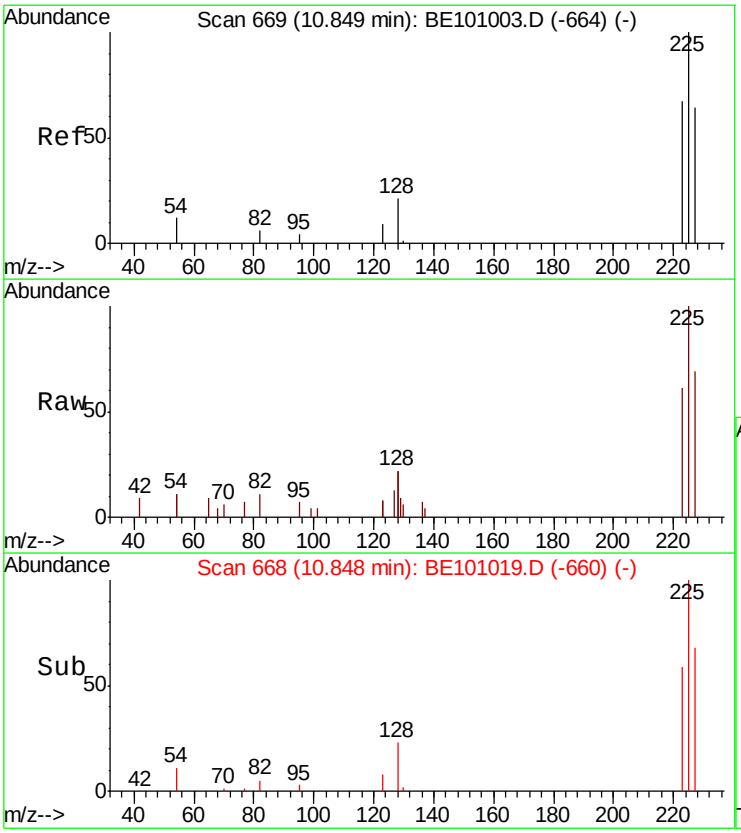
#9
Naphthalene
Concen: 0.407 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 66839

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.5	2.7	4.1

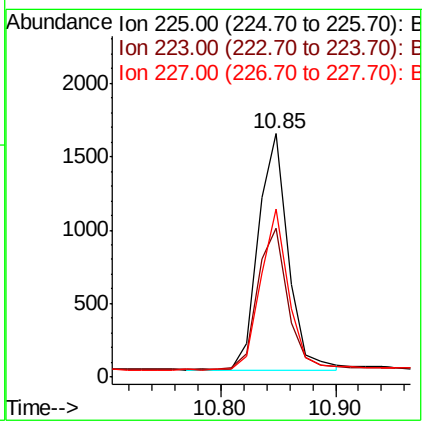


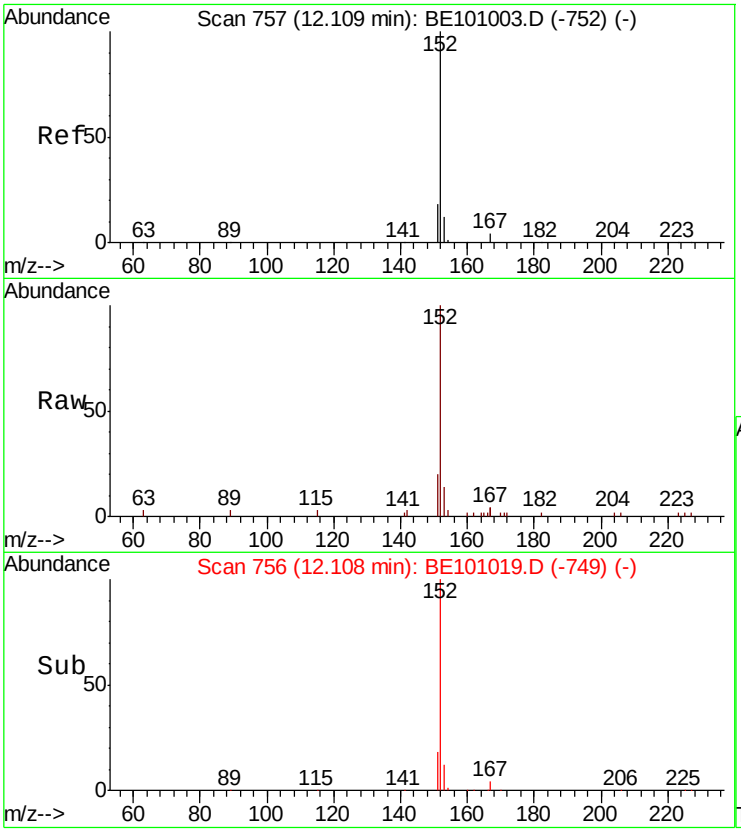


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:225 Resp: 2909

Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.2	78.4
227	64.3	49.9	74.9



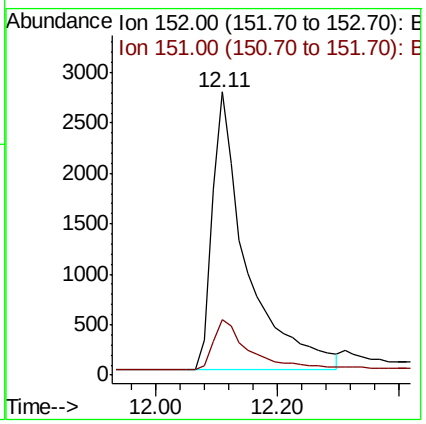


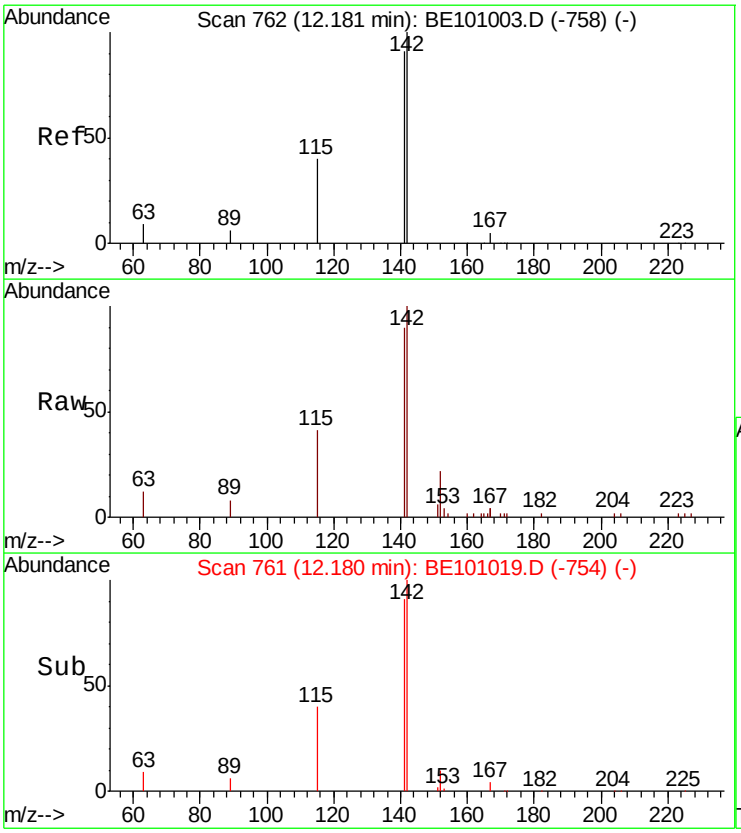
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10748

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.6

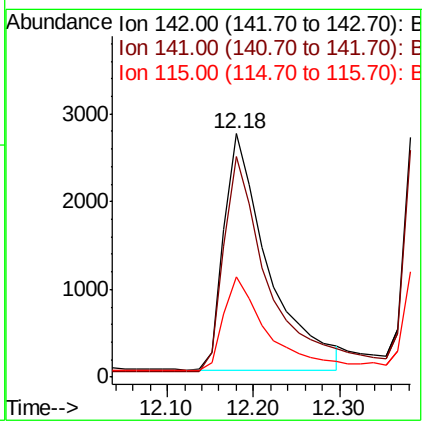


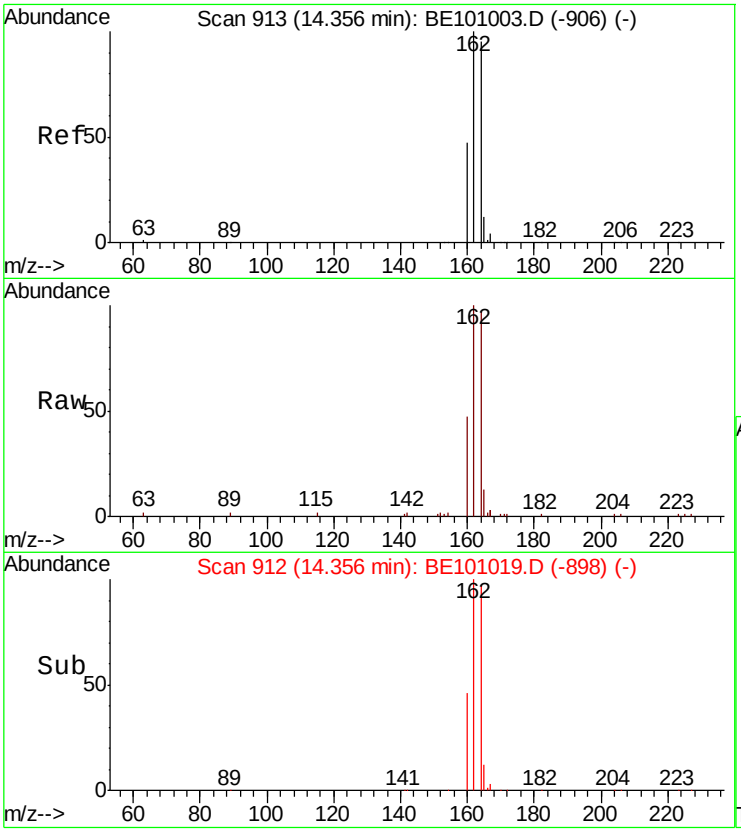


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:142 Resp: 9634

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.5	108.7
115	41.1	33.0	49.6



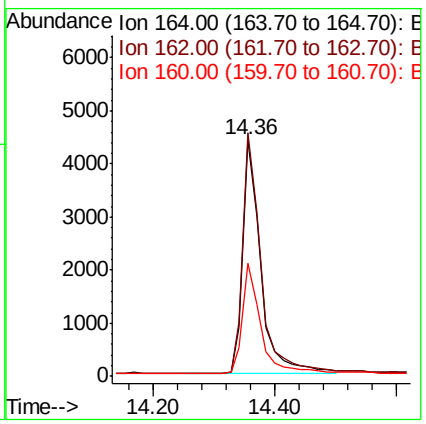


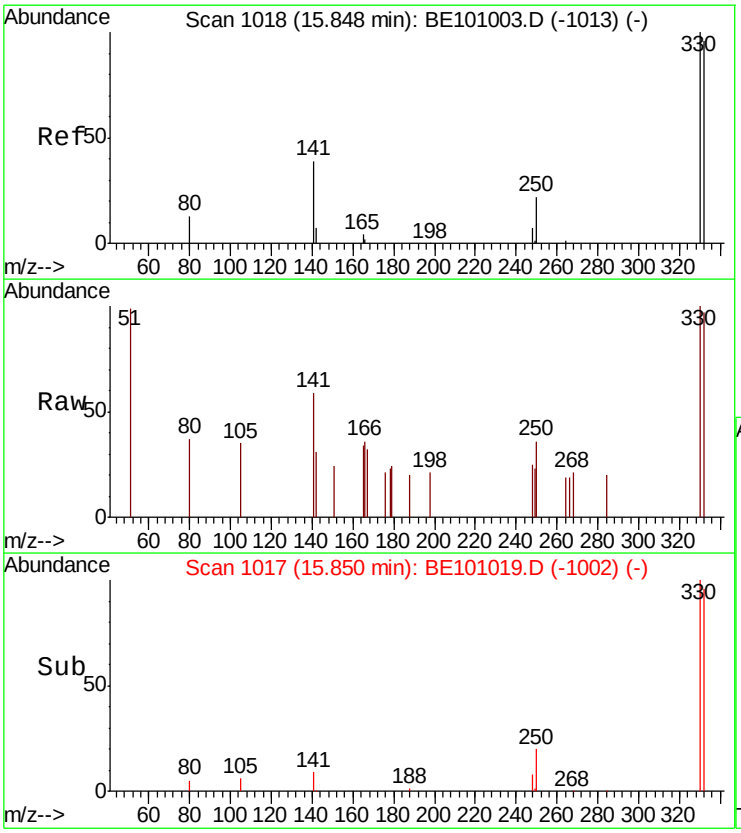
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8975

Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.1	126.1
160	48.1	40.4	60.6

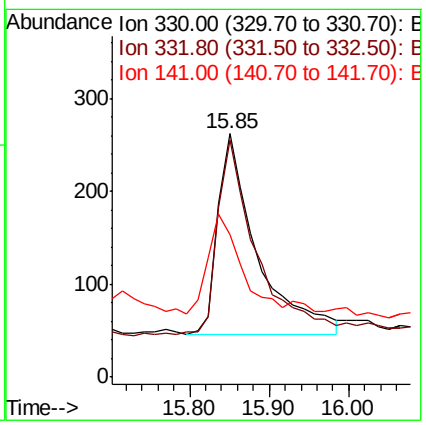


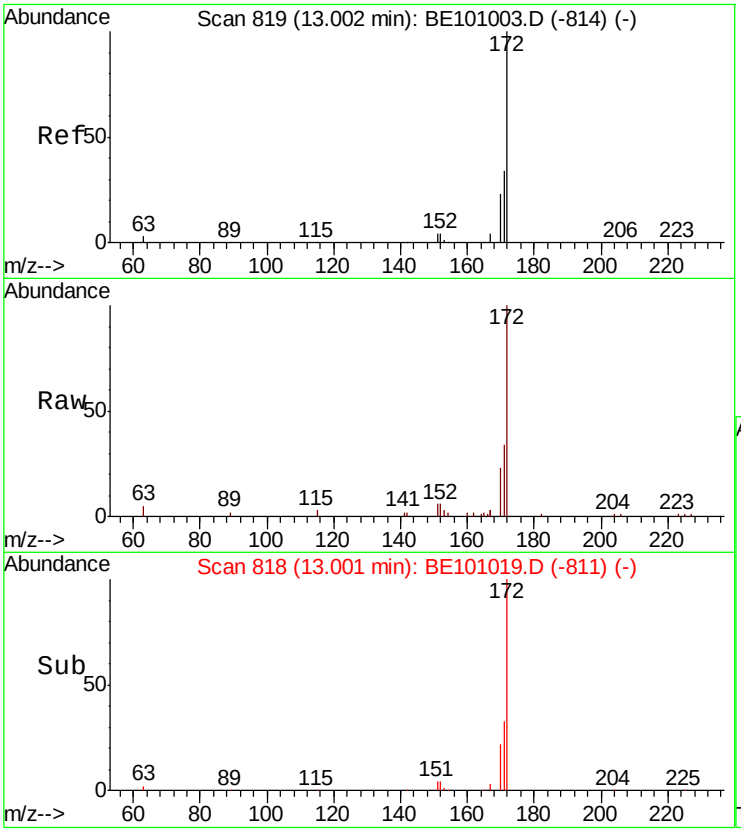


#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:330 Resp: 741

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.4	117.6
141	45.3	37.0	55.4



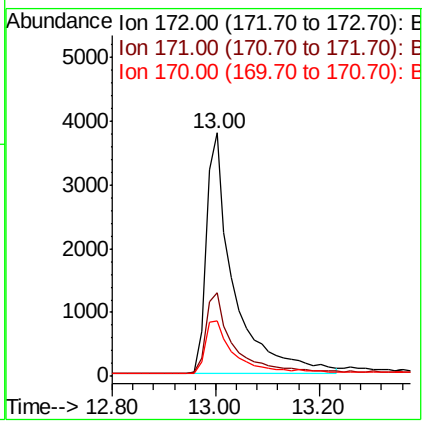


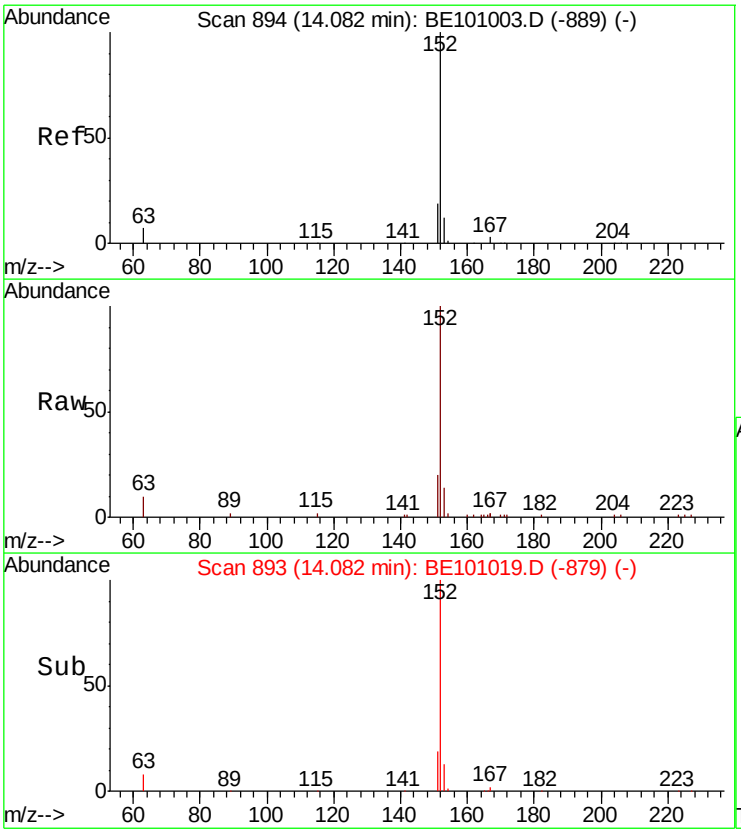
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13701

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	22.9	18.9	28.3

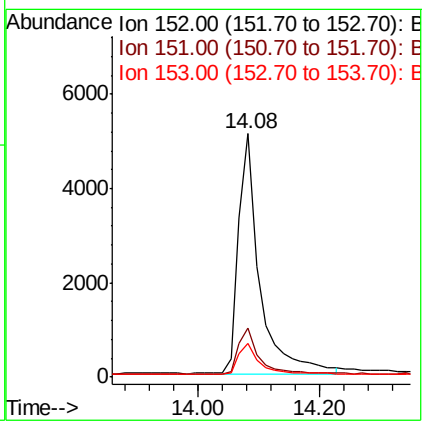


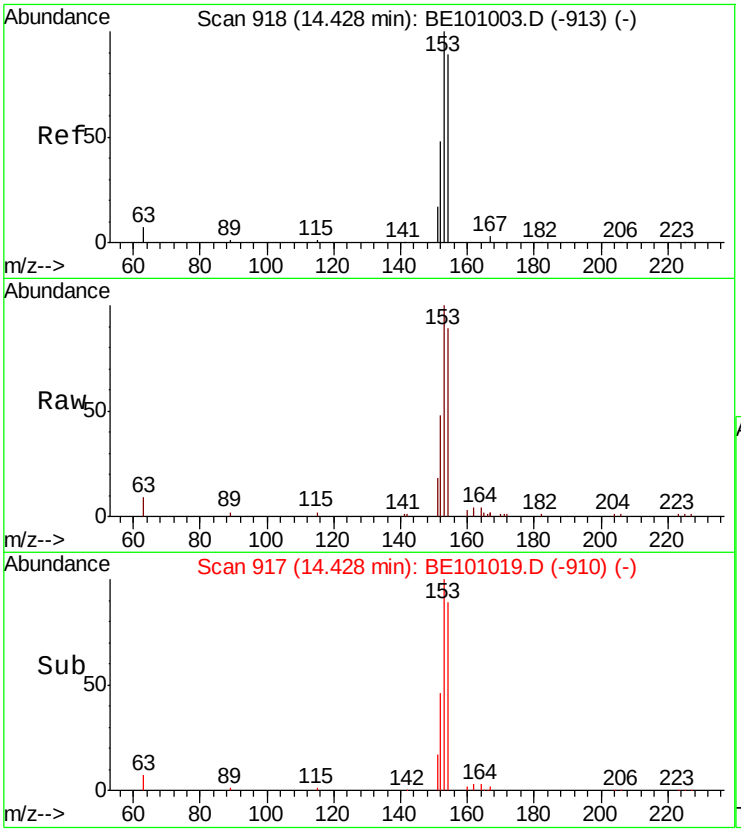


#16
Acenaphthylene
Concen: 0.341 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:152 Resp: 12464

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.7	10.4	15.6



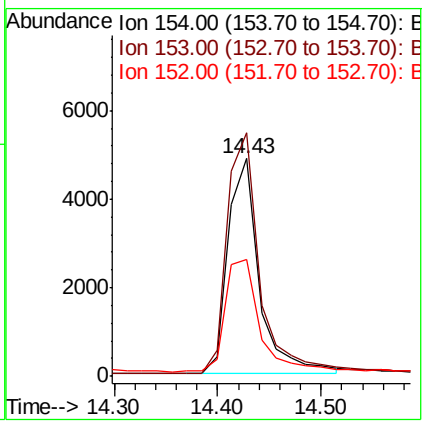


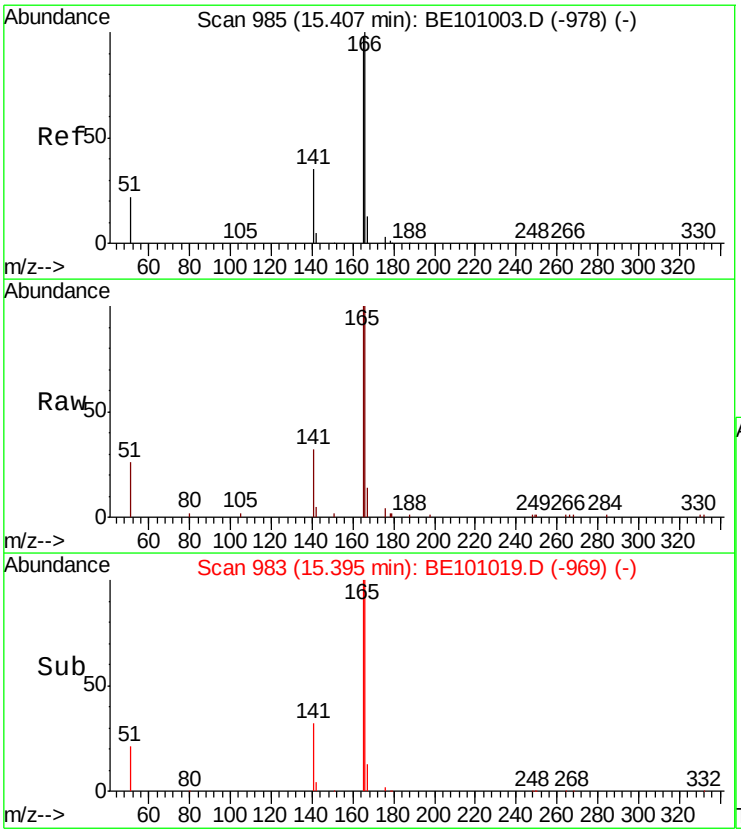
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10263

Ion	Ratio	Lower	Upper
154	100		
153	115.9	93.6	140.4
152	56.9	46.3	69.5

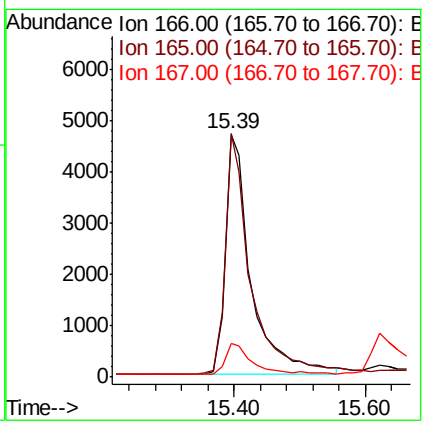


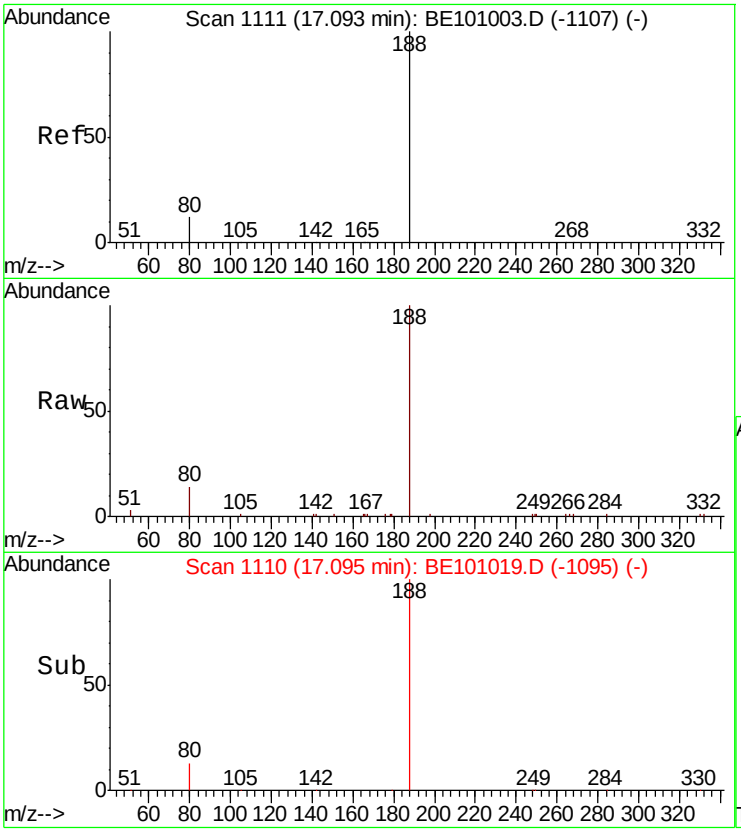


#18
Fluorene
Concen: 0.390 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:166 Resp: 12909

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	13.4	11.0	16.6



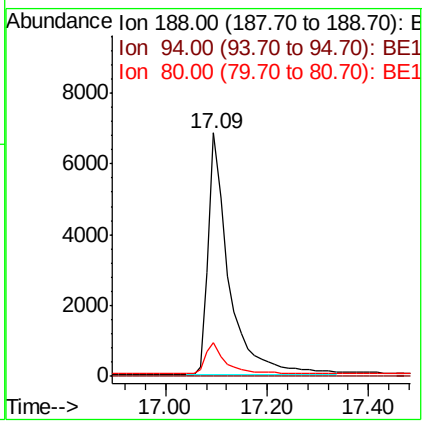


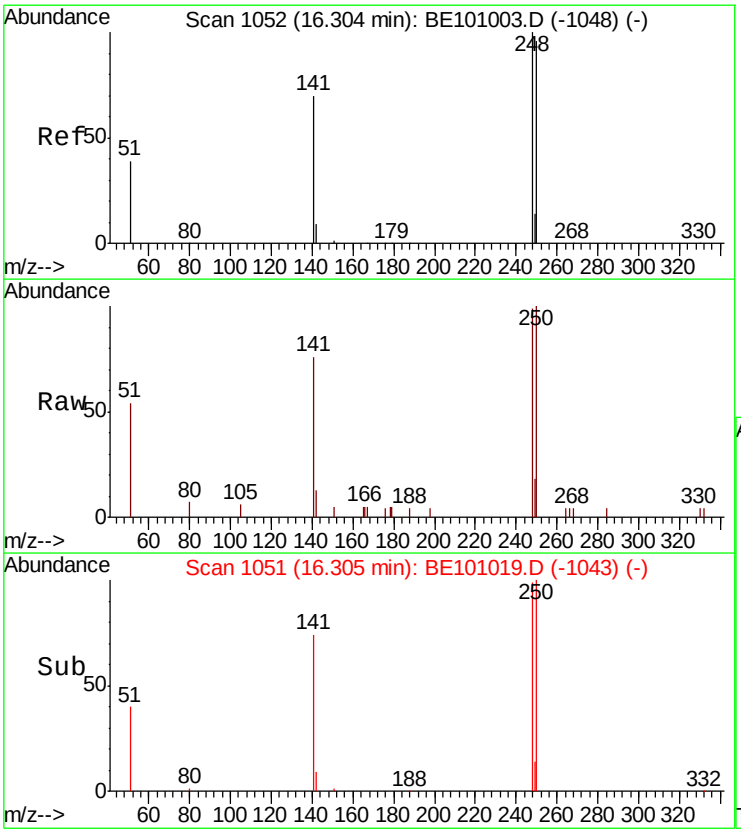
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19397

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	10.8	16.2

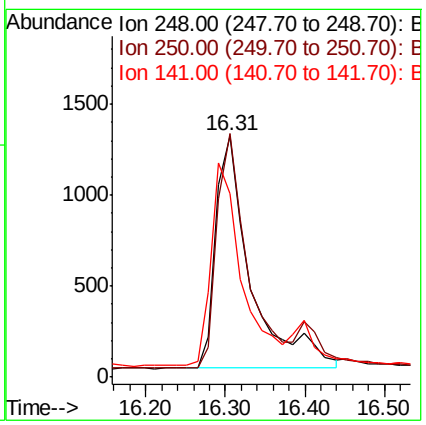


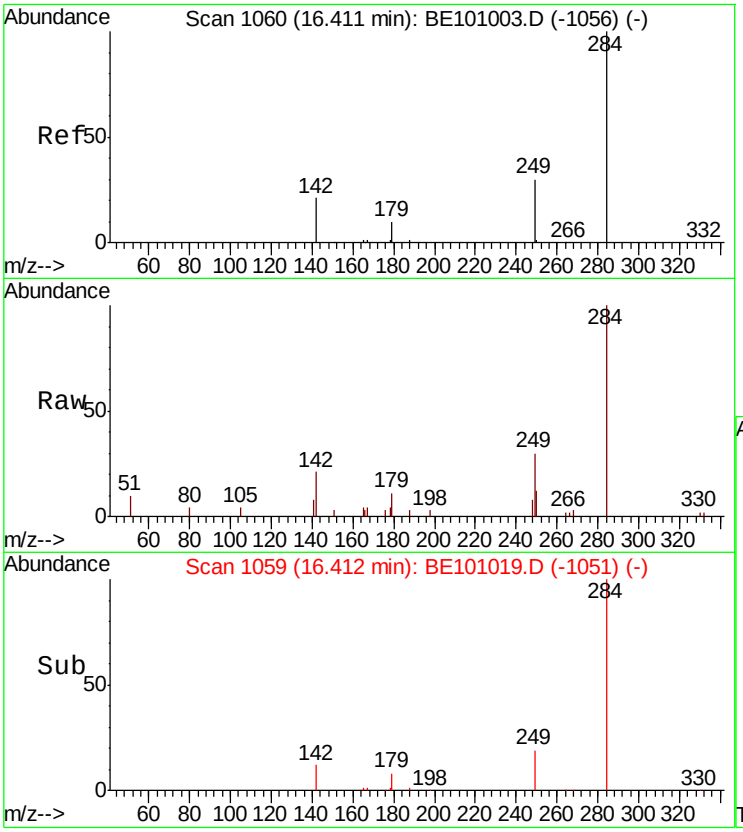


#20
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 16.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:248 Resp: 3918

Ion	Ratio	Lower	Upper
248	100		
250	100.8	76.6	115.0
141	76.1	57.7	86.5



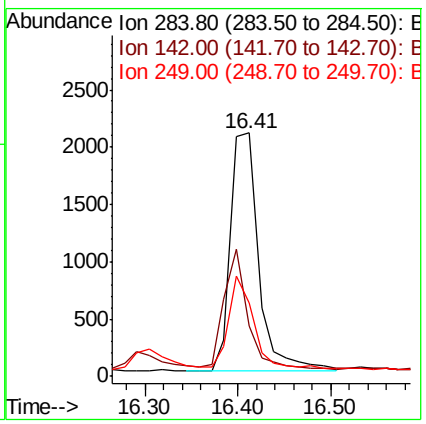


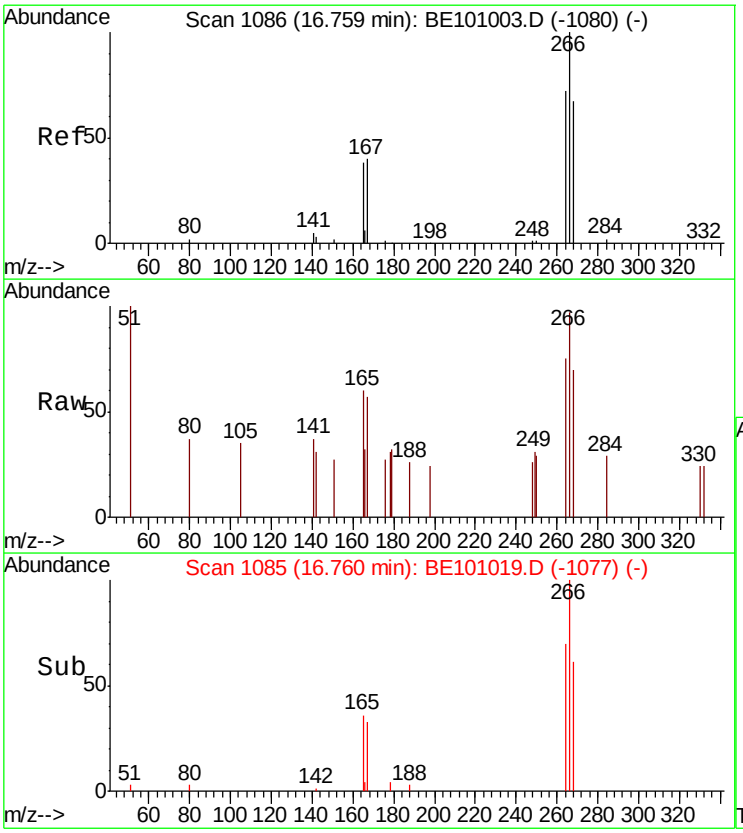
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4330

Ion	Ratio	Lower	Upper
284	100		
142	42.5	34.0	51.0
249	33.3	28.2	42.4

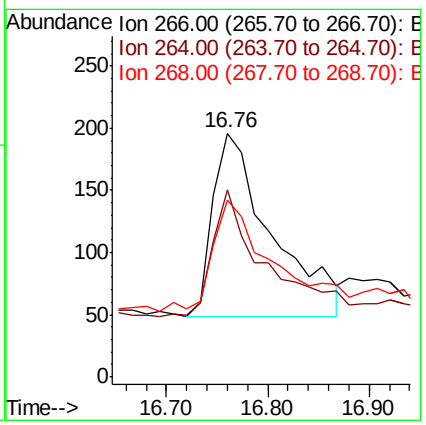


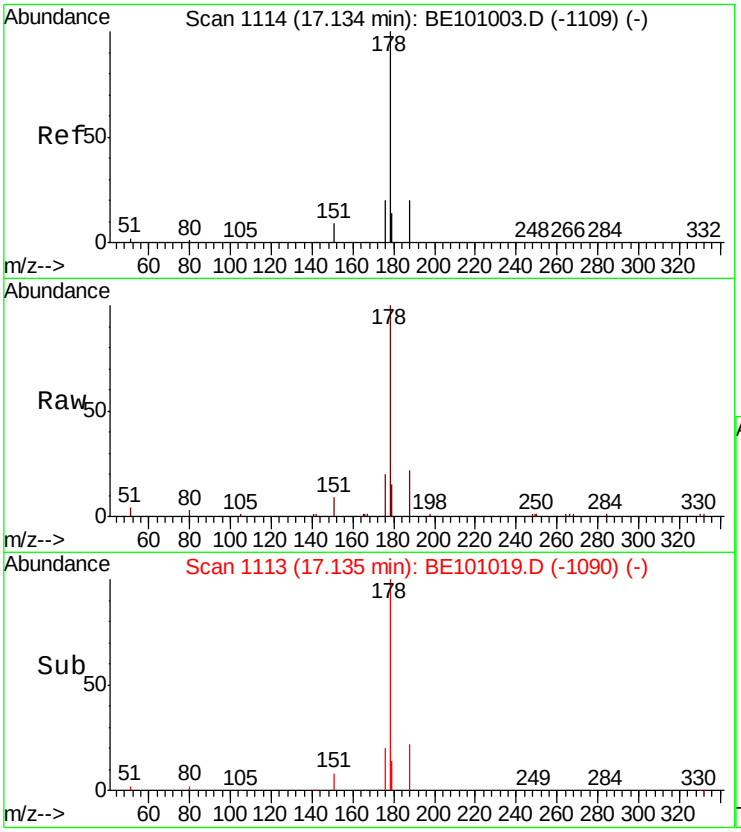


#22
Pentachlorophenol
Concen: 0.412 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:266 Resp: 589

Ion	Ratio	Lower	Upper
266	100		
264	77.0	61.0	91.4
268	72.4	58.5	87.7



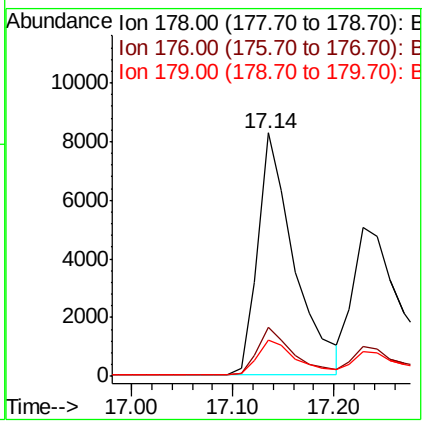


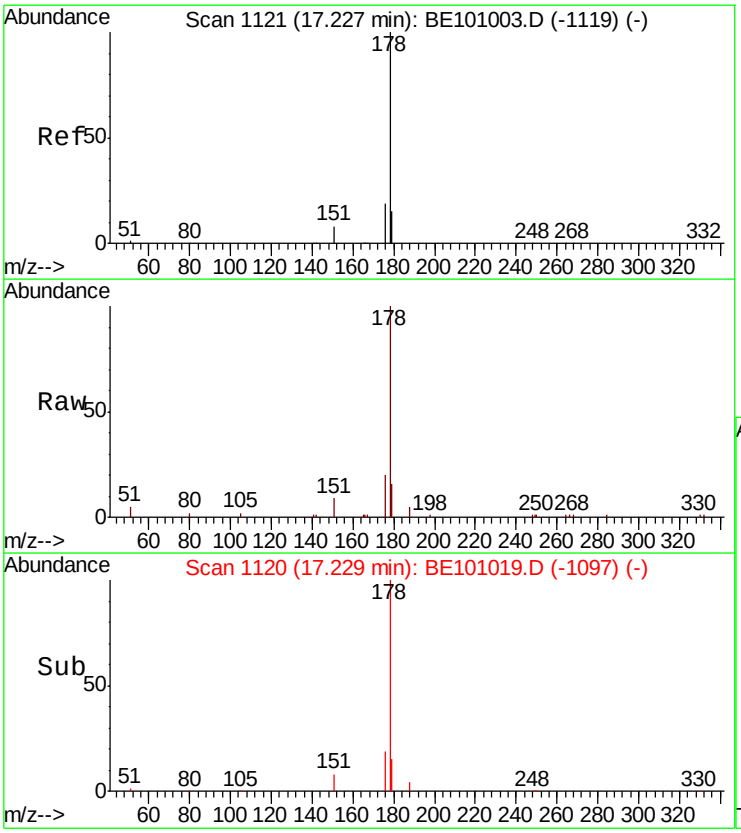
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 20690

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.1	12.0	18.0

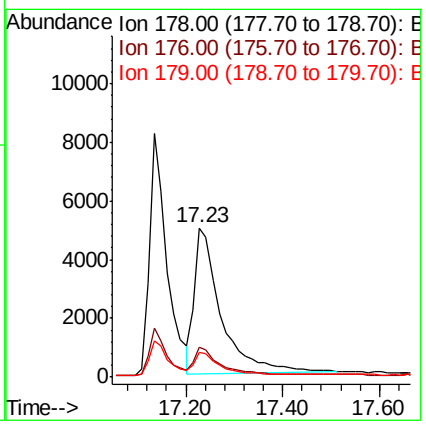


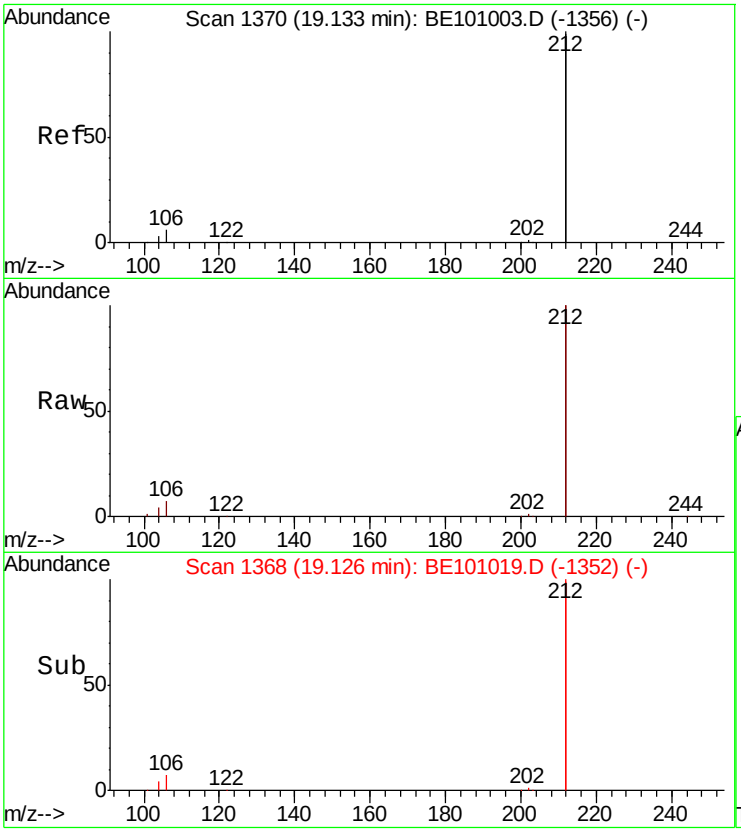


#24
Anthracene
Concen: 0.372 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:178 Resp: 18572

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	14.7	12.4	18.6



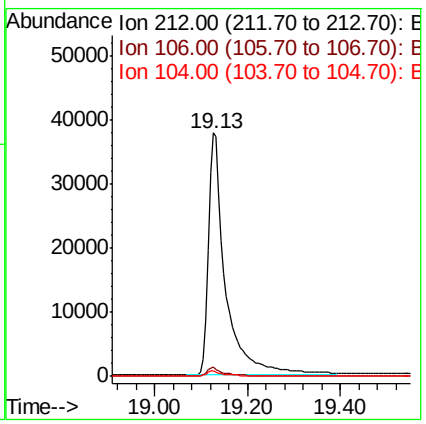


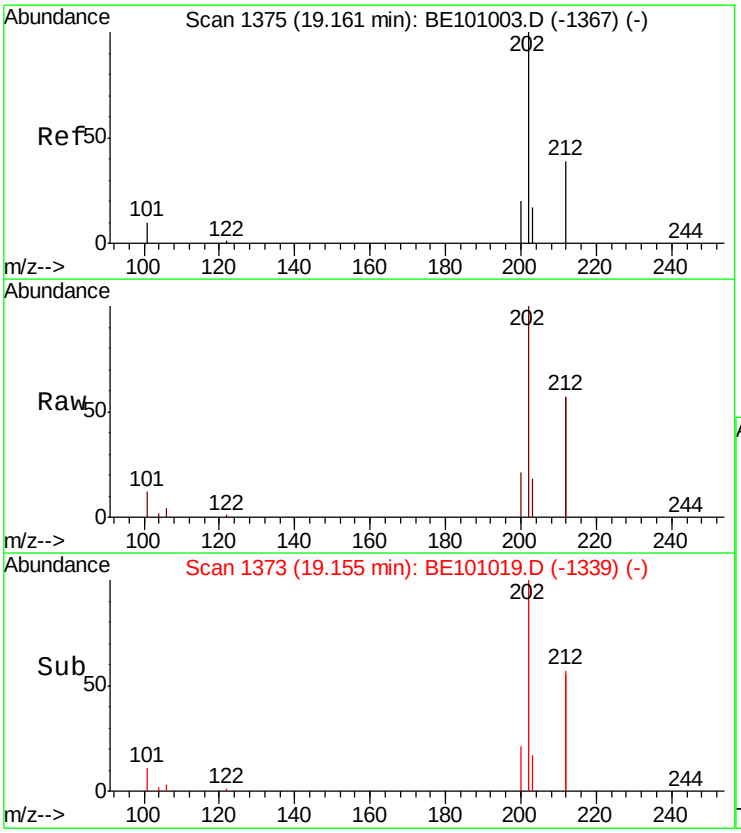
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 99413

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

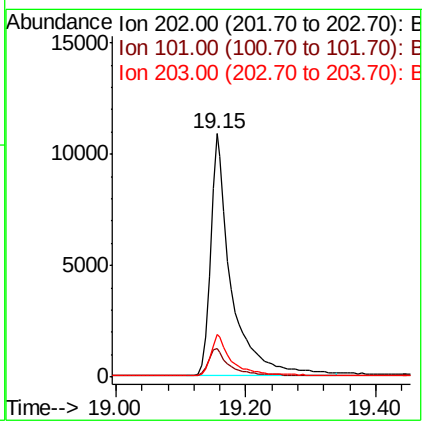


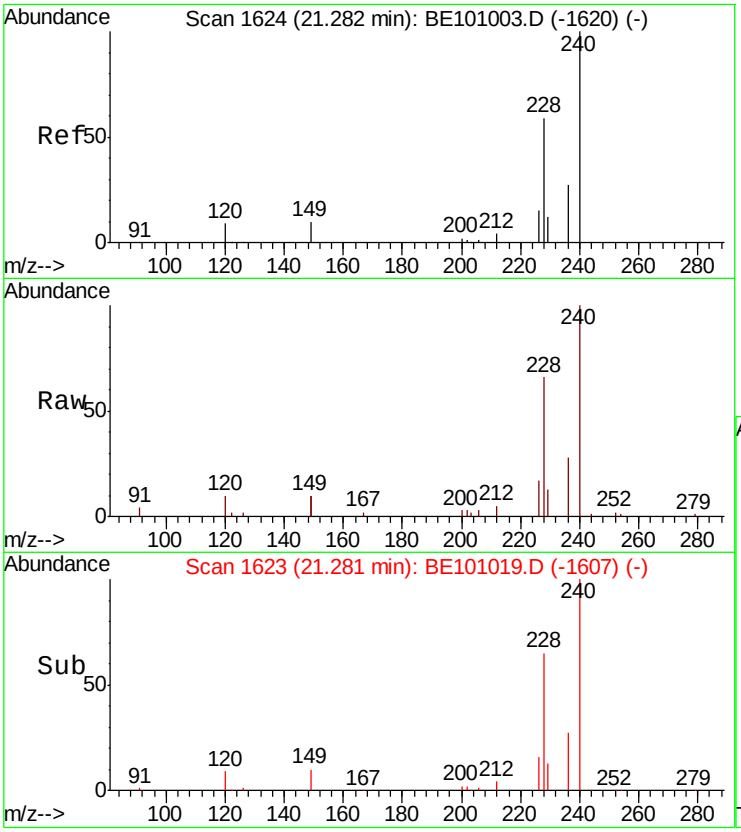


#26
Fluoranthene
Concen: 0.368 ng
RT: 19.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:202 Resp: 24408

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.6	14.4
203	16.6	13.8	20.6



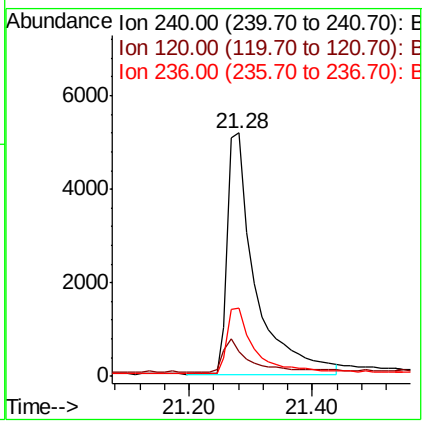


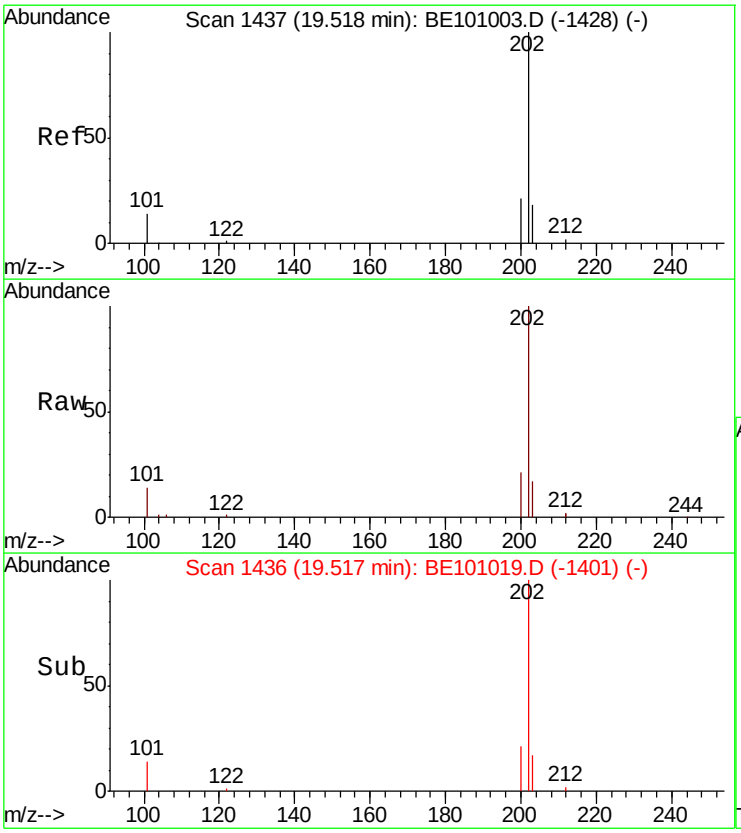
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15956

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.6	13.0
236	28.1	22.2	33.4

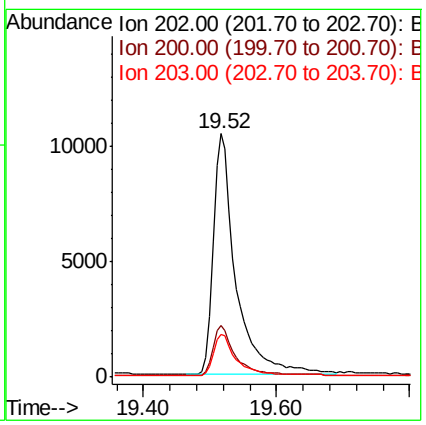


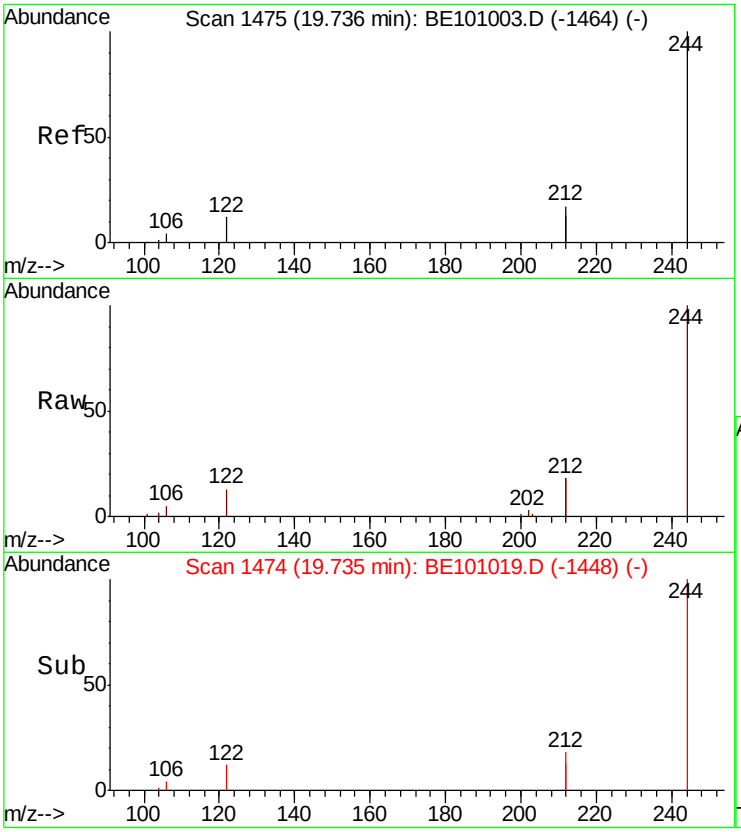


#28
Pyrene
Concen: 0.412 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:202 Resp: 24499

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.1	13.8	20.6



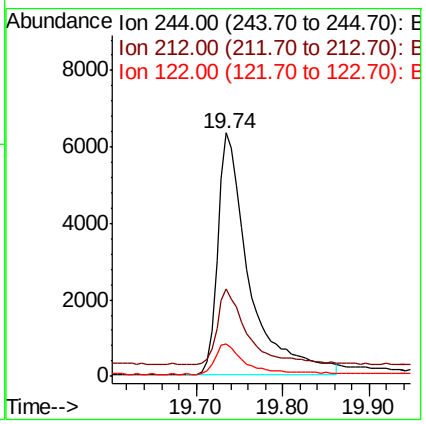


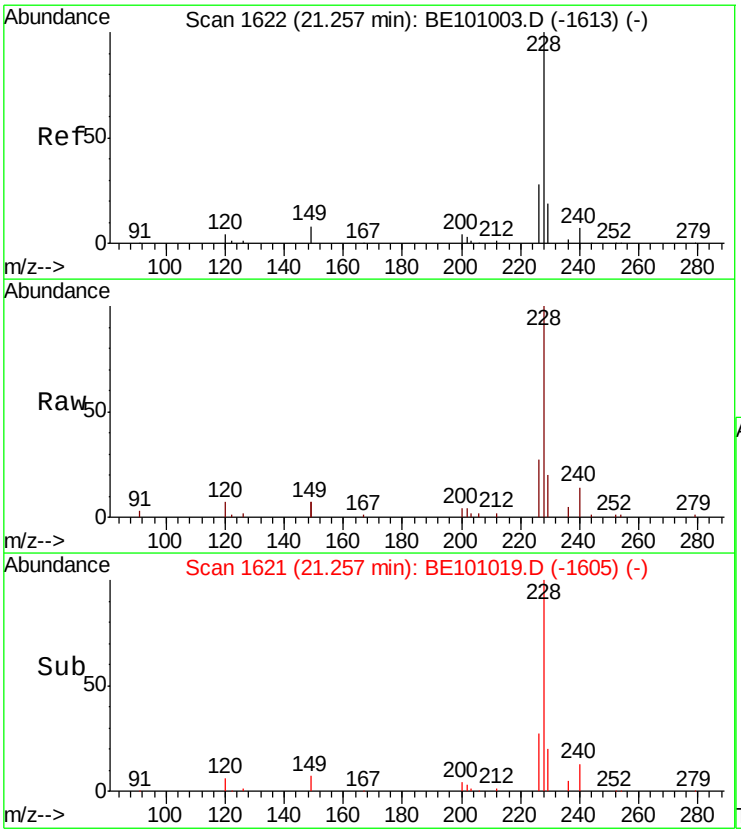
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.74 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 15868

Ion	Ratio	Lower	Upper
244	100		
212	36.1	27.2	40.8
122	13.3	9.8	14.8

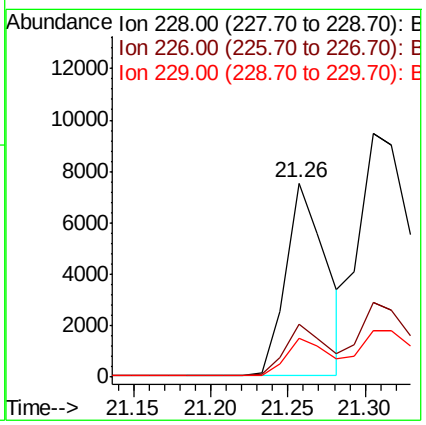


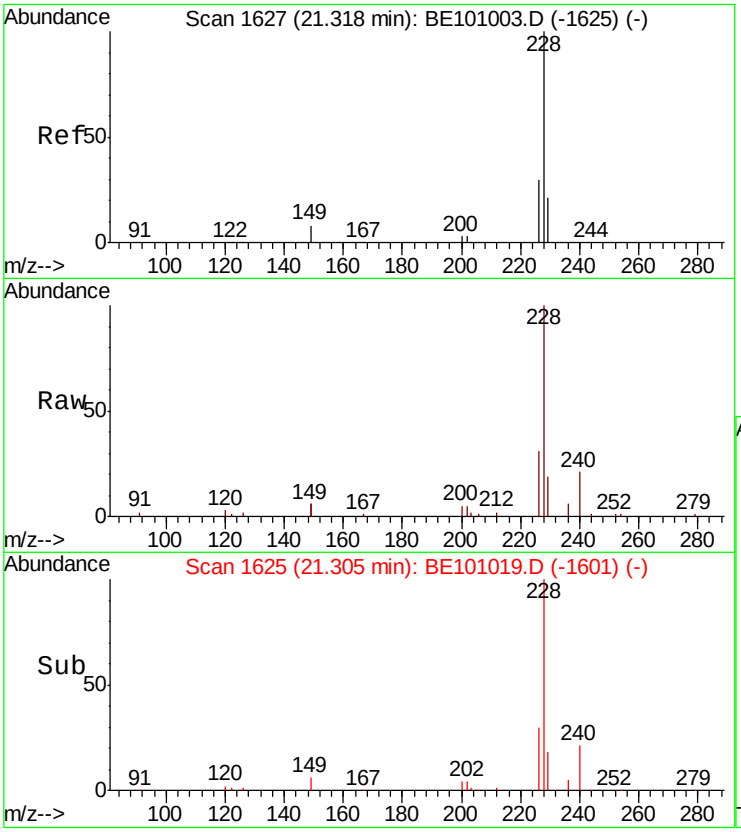


#30
Benzo(a)anthracene
Concen: 0.304 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:228 Resp: 13854

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.7	34.1
229	20.2	15.5	23.3



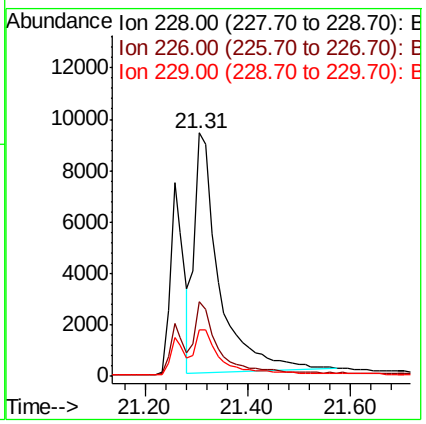


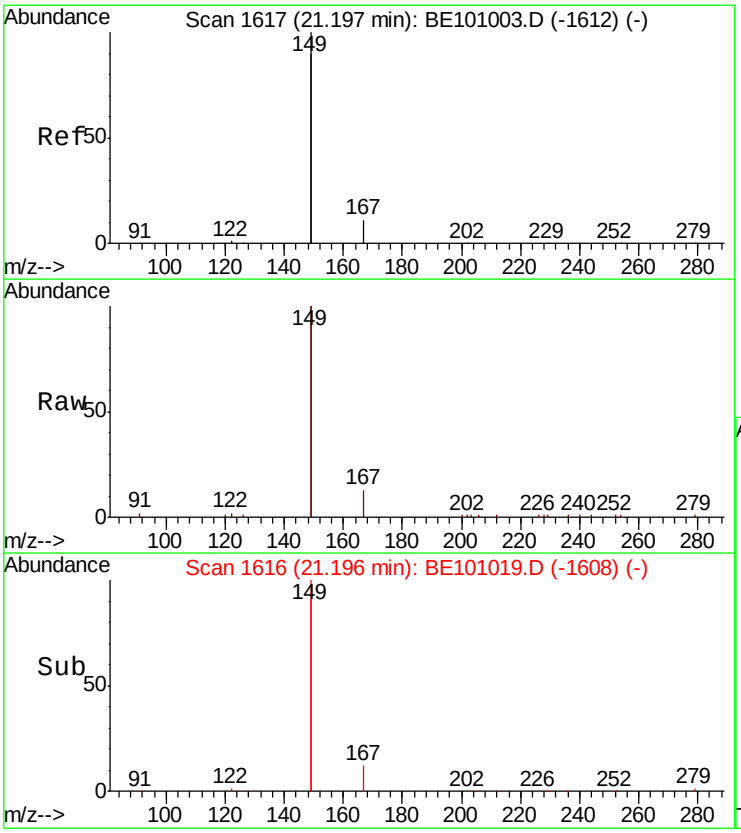
#31
Chrysene
Concen: 0.455 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 30761

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	18.9	16.7	25.1

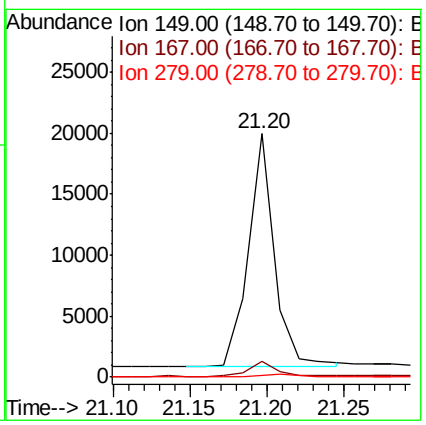


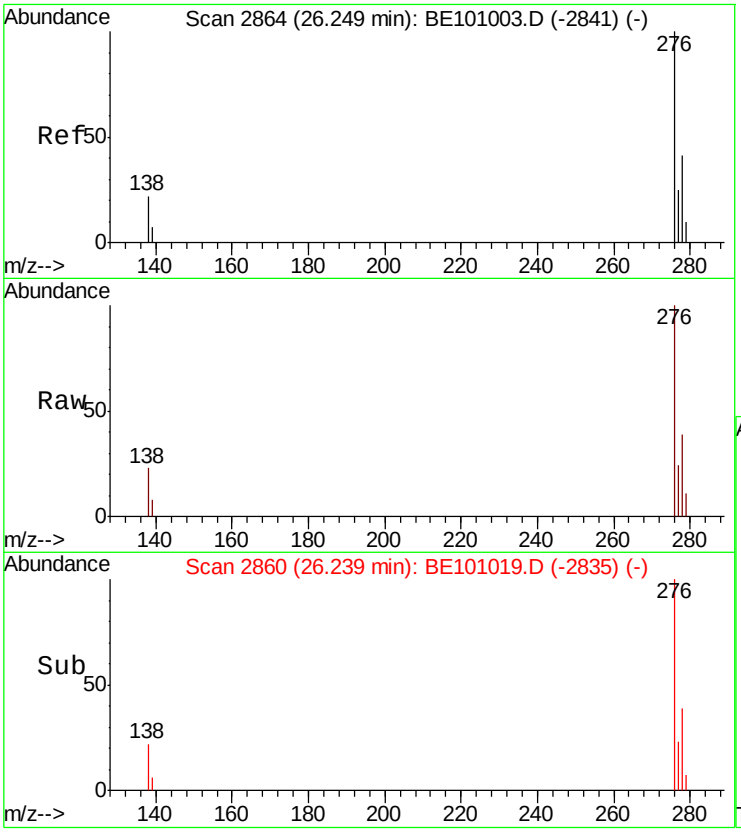


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.295 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:149 Resp: 22403

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.2	7.8
279	0.9	0.8	1.2



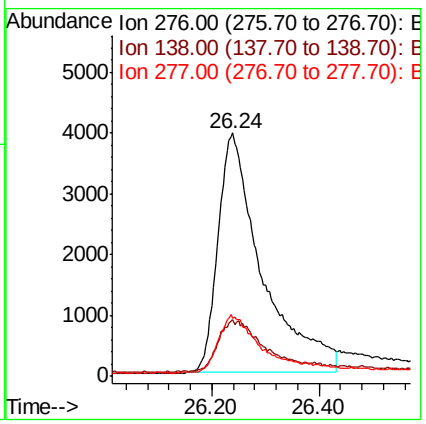


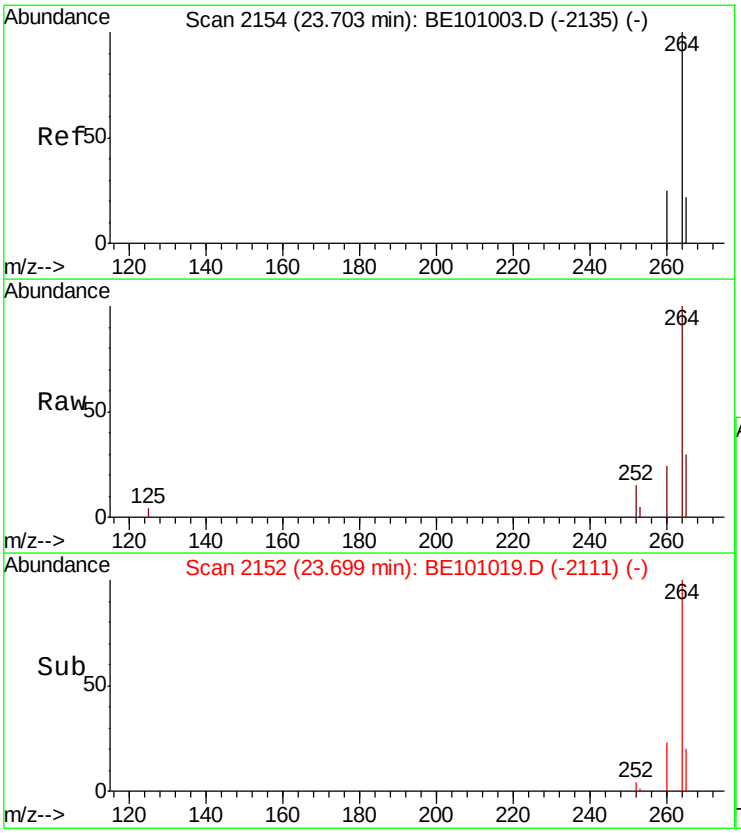
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 22555

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.1	24.1
277	22.3	18.1	27.1

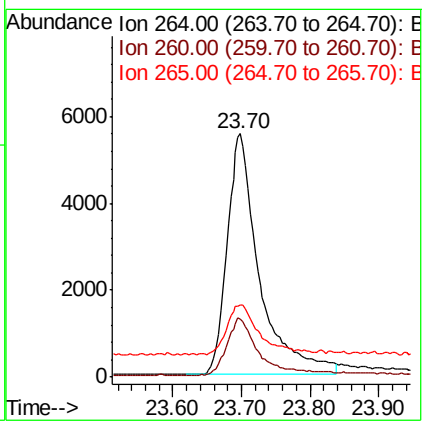


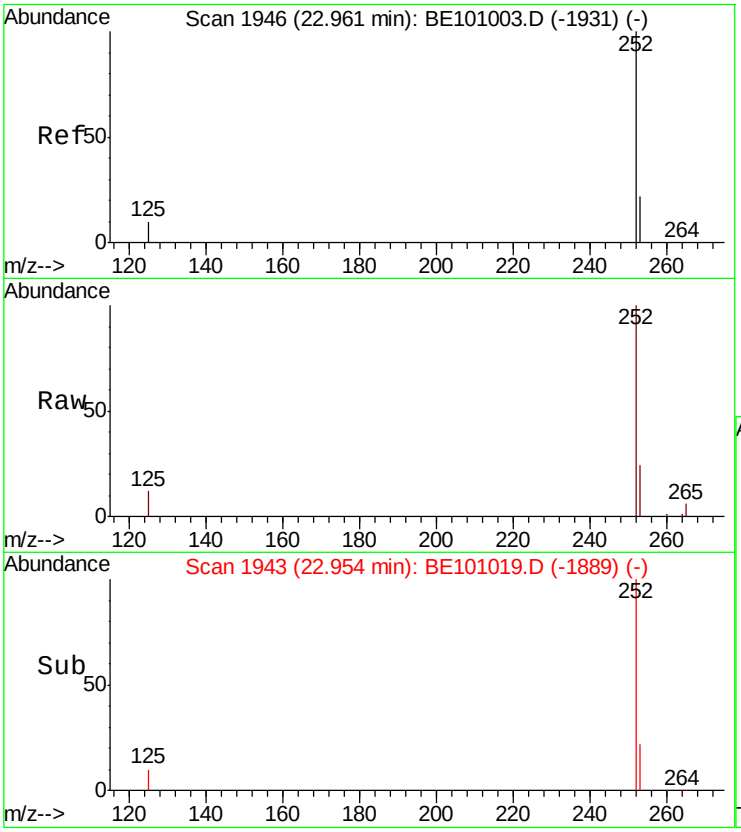


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:264 Resp: 18149

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.3	30.5
265	29.5	27.0	40.4



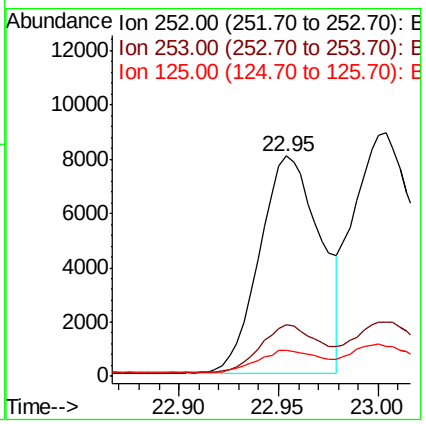


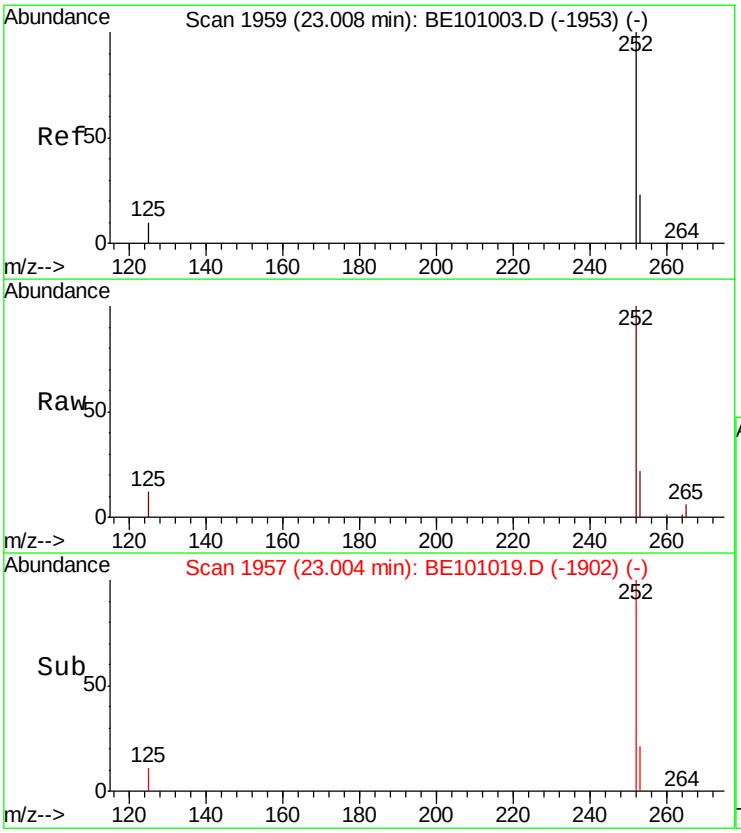
#35
Benzo(b)fluoranthene
Concen: 0.335 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17045

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	11.8	9.5	14.3

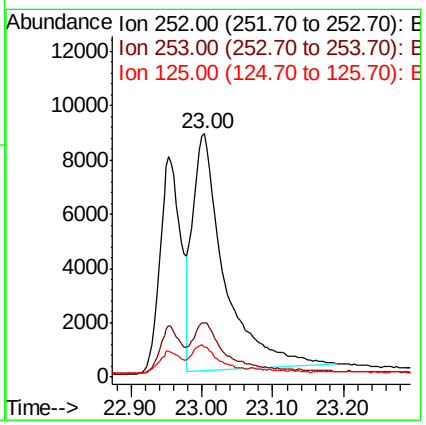


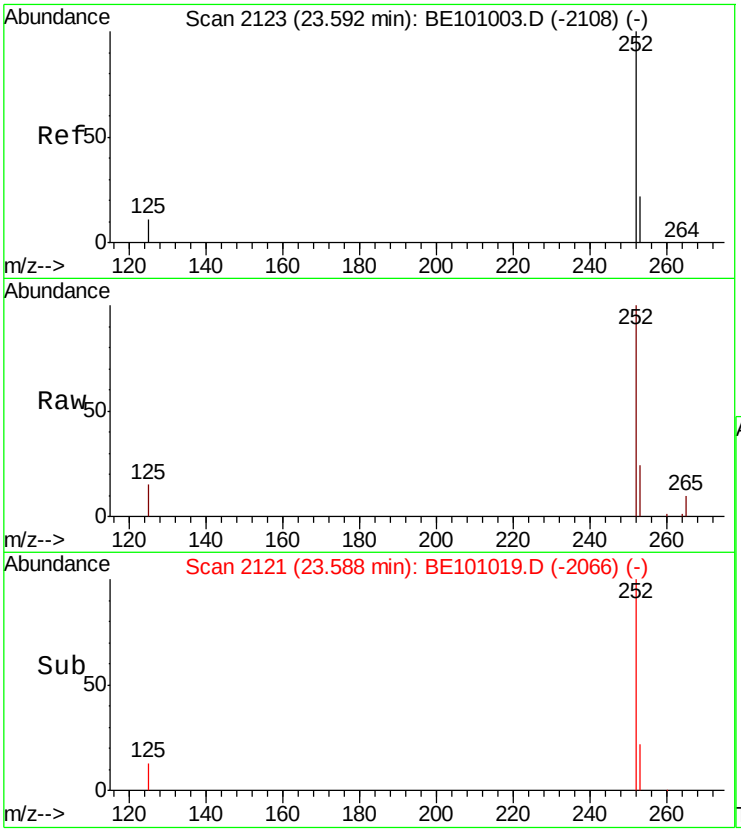


#36
Benzo(k)fluoranthene
Concen: 0.366 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:252 Resp: 26970

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	12.5	10.1	15.1



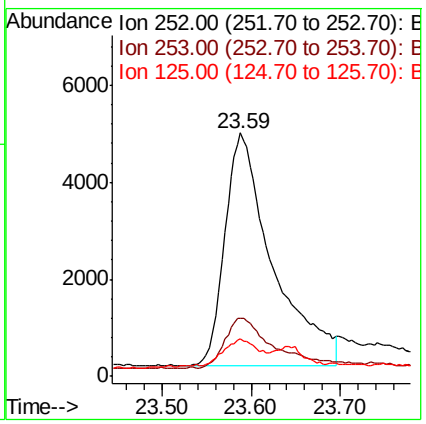


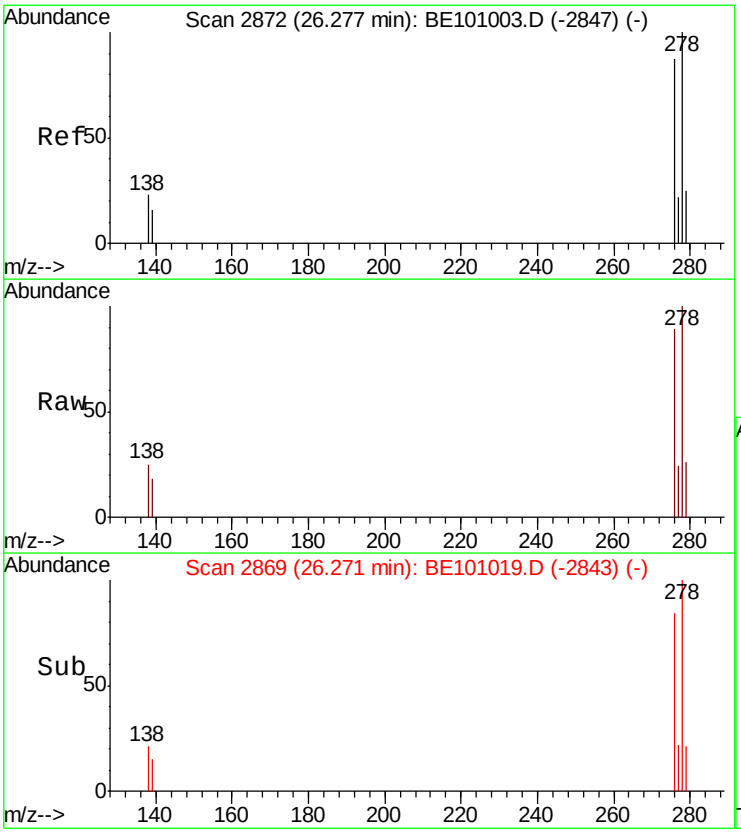
#37
Benzo(a)pyrene
Concen: 0.364 ng
RT: 23.59 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17938

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	15.2	11.8	17.6

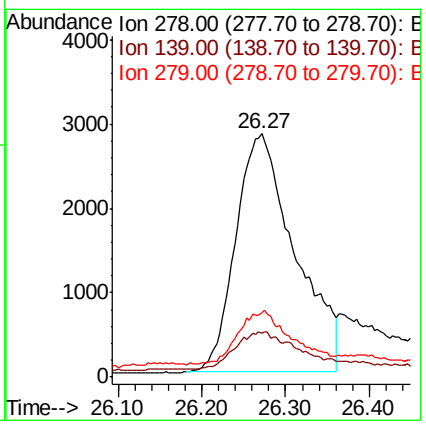


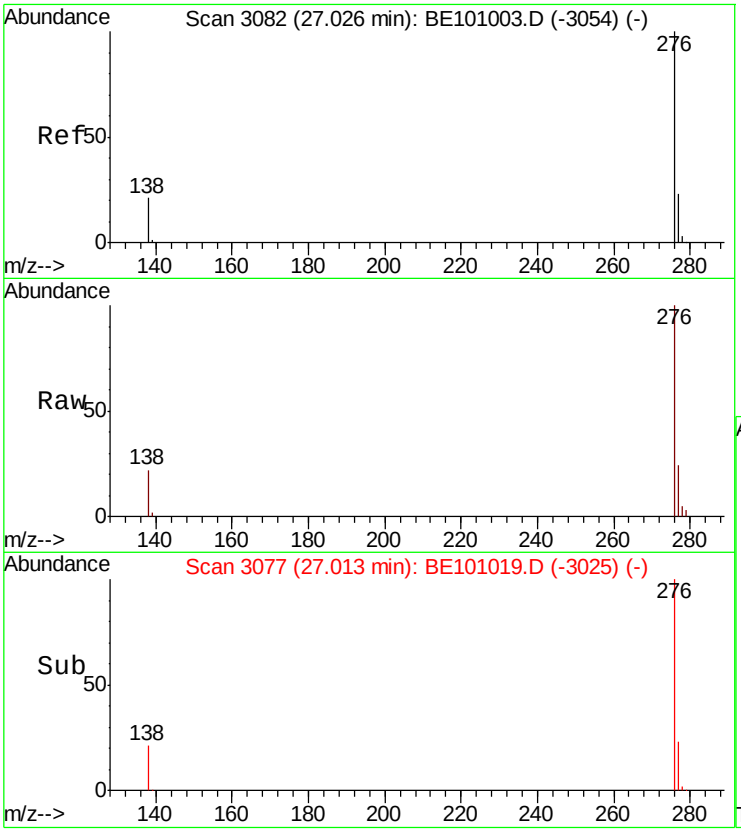


#38
Dibenzo(a,h)anthracene
Concen: 0.308 ng
RT: 26.27 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Tgt Ion:278 Resp: 13966

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.0	22.4
279	26.4	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BE101019.D
Acq: 10 Jan 2020 10:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20404

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	22.4	17.9	26.9