Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092619\
Data File : BE100569.D
Acq On : 26 Sep 2019 16:00
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 18:24:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6679	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	31151	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	15875	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	30551	0.40	ng		0.00
27) Chrysene-d12	21.37	240	31634	0.40	ng		0.00
34) Perylene-d12	23.84	264	36791	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	8403	0.54	ng		0.02
5) Phenol-d6	7.03	99	11052	0.52	ng		0.00
8) Nitrobenzene-d5	9.00	82	9301	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	17606	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1490	0.58	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	22873	0.40	ng		0.00
25) Fluoranthene-d10	19.23	212	136241	0.37	ng		0.00
29) Terphenyl-d14	19.82	244	31575	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	3223	0.334	ng	#	87
3) n-Nitrosodimethylamine	3.69	42	2482	0.439	ng		99
6) bis(2-Chloroethyl)ether	7.29	93	8879	0.410	ng		85
9) Naphthalene	10.69	128	125099	0.387	ng		100
10) Hexachlorobutadiene	10.99	225	3919	0.379	ng		99
12) 2-Methylnaphthalene	12.31	142	20085	0.391	ng		99
16) Acenaphthylene	14.21	152	30980	0.474	ng		100
17) Acenaphthene	14.54	154	18058	0.409	ng		96
18) Fluorene	15.51	166	22255	0.403	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	6052	0.422	ng		94
21) Hexachlorobenzene	16.52	284	4803	0.384	ng		99
22) Pentachlorophenol	16.87	266	1726	0.732	ng		93
23) Phenanthrene	17.24	178	35308	0.415	ng		100
24) Anthracene	17.34	178	33412	0.466	ng		99
26) Fluoranthene	19.26	202	38951	0.379	ng		99
28) Pyrene	19.62	202	41246	0.453	ng		99
30) Benzo(a)anthracene	21.35	228	39905	0.472	ng		93
31) Chrysene	21.40	228	37638	0.391	ng		98
32) Bis(2-ethylhexyl)phthalate	21.28	149	109261	1.200	ng		100
33) Indeno(1,2,3-cd)pyrene	26.46	276	47436	0.443	ng		98
35) Benzo(b)fluoranthene	23.08	252	40512	0.407	ng	#	97
36) Benzo(k)fluoranthene	23.08	252	40512	0.352	ng		97
37) Benzo(a)pyrene	23.73	252	38016	0.409	ng	#	96
38) Dibenzo(a,h)anthracene	26.48	278	38944	0.403	ng		97
39) Benzo(g,h,i)perylene	27.26	276	39355	0.390	ng		95

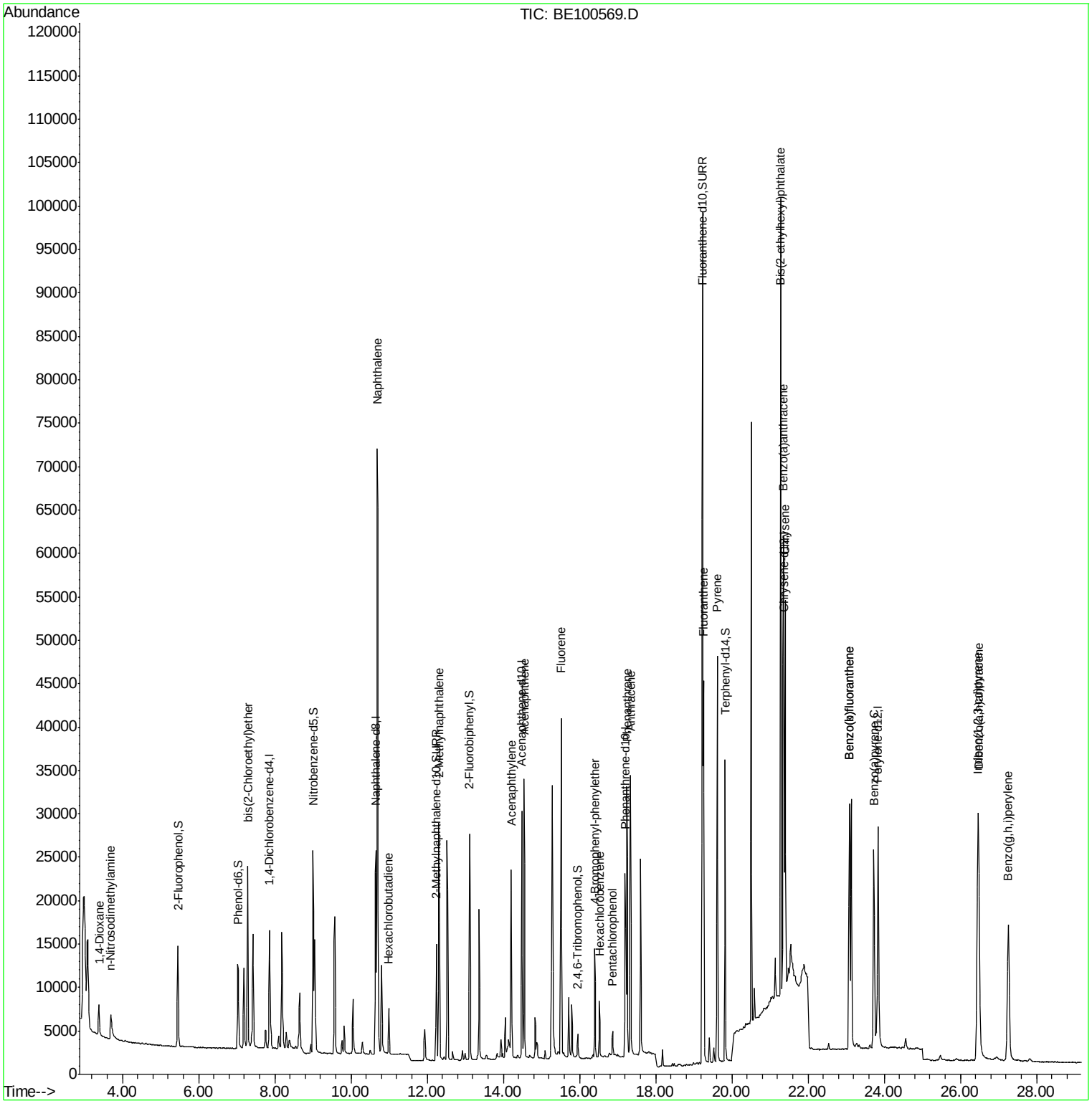
(#) = qualifier out of range (m) = manual integration (+) = signals summed

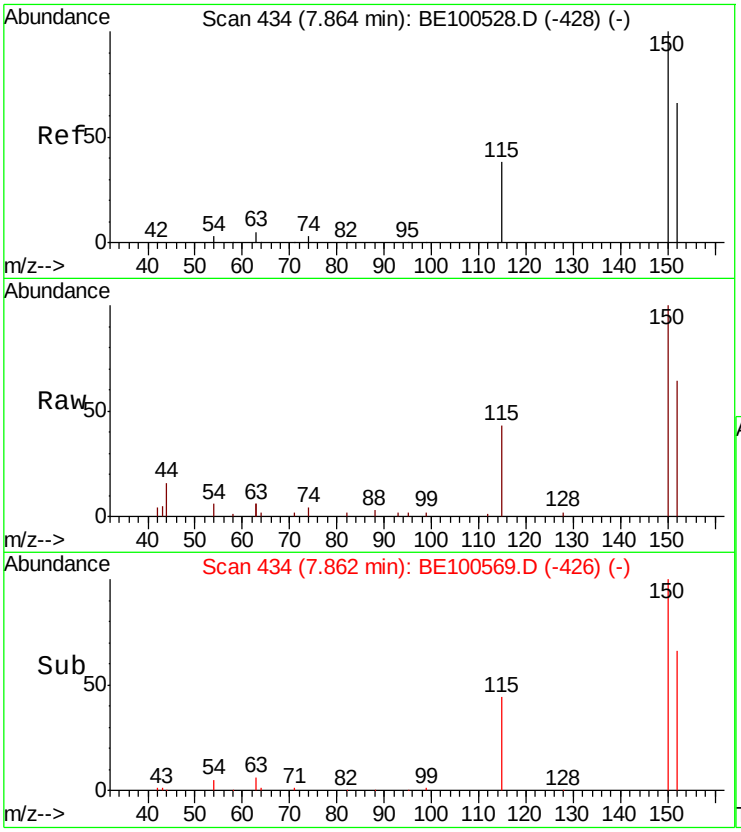
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092619\
Data File : BE100569.D
Acq On : 26 Sep 2019 16:00
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 18:24:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration



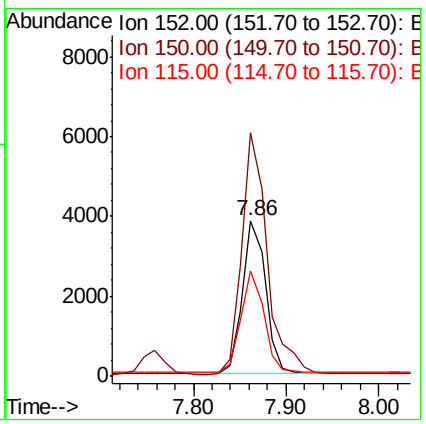


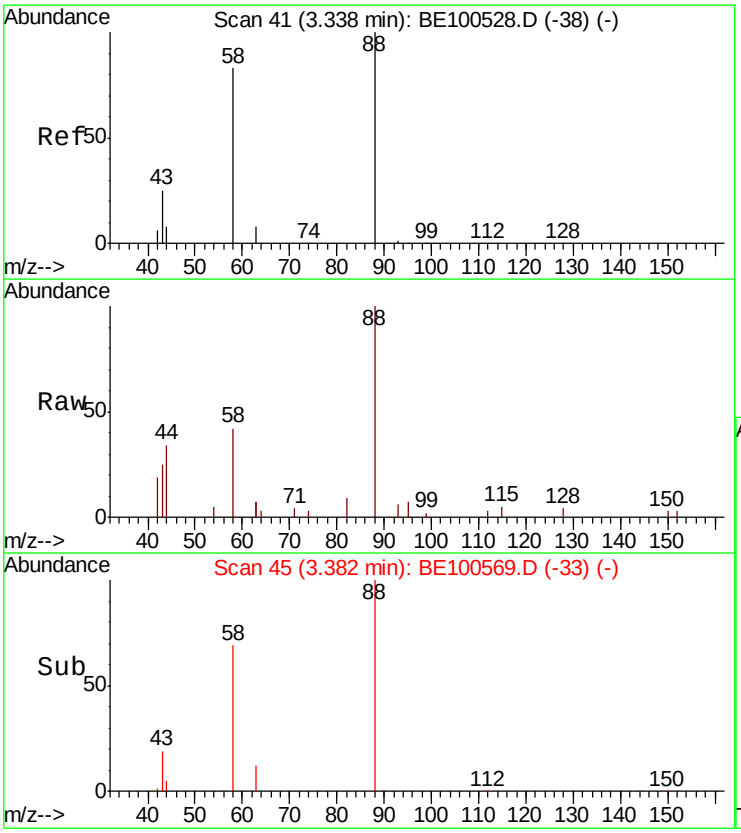
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6679

Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.6	182.4
115	68.0	48.2	72.4

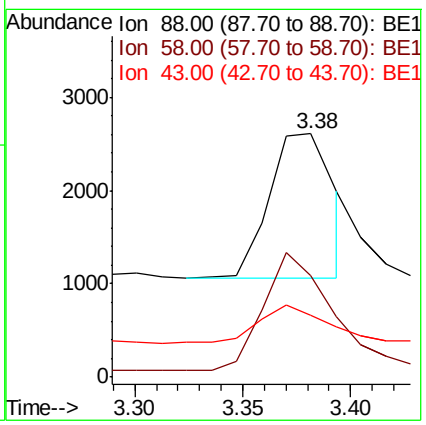


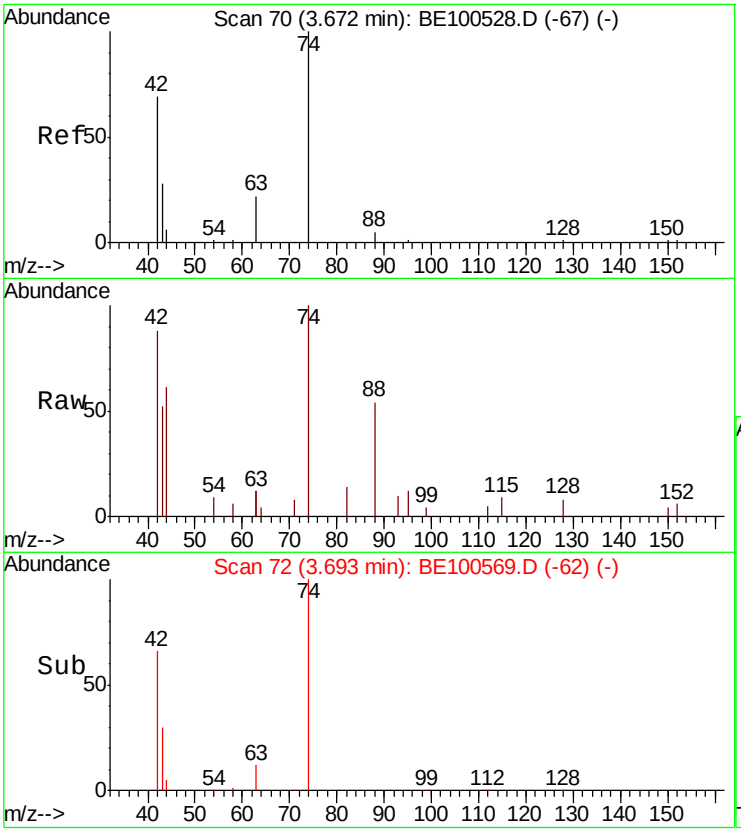


#2
1,4-Dioxane
Concen: 0.334 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.04 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion: 88 Resp: 3223

Ion	Ratio	Lower	Upper
88	100		
58	77.1	53.3	79.9
43	26.4	16.9	25.3#



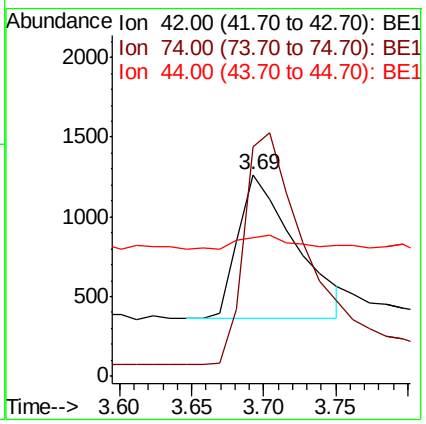


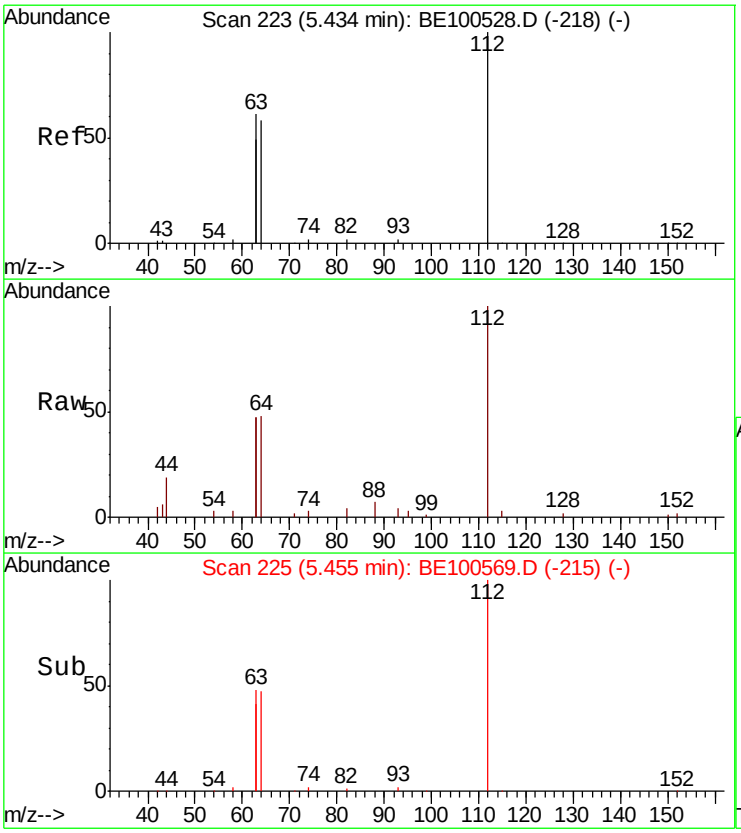
#3
n-Nitrosodimethylamine
Concen: 0.439 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.02 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2482

Ion	Ratio	Lower	Upper
42	100		
74	165.9	133.8	200.6
44	9.4	6.4	9.6

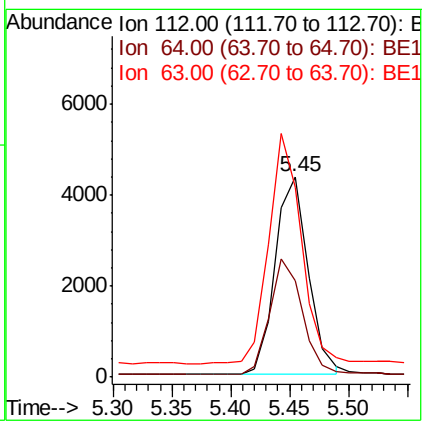


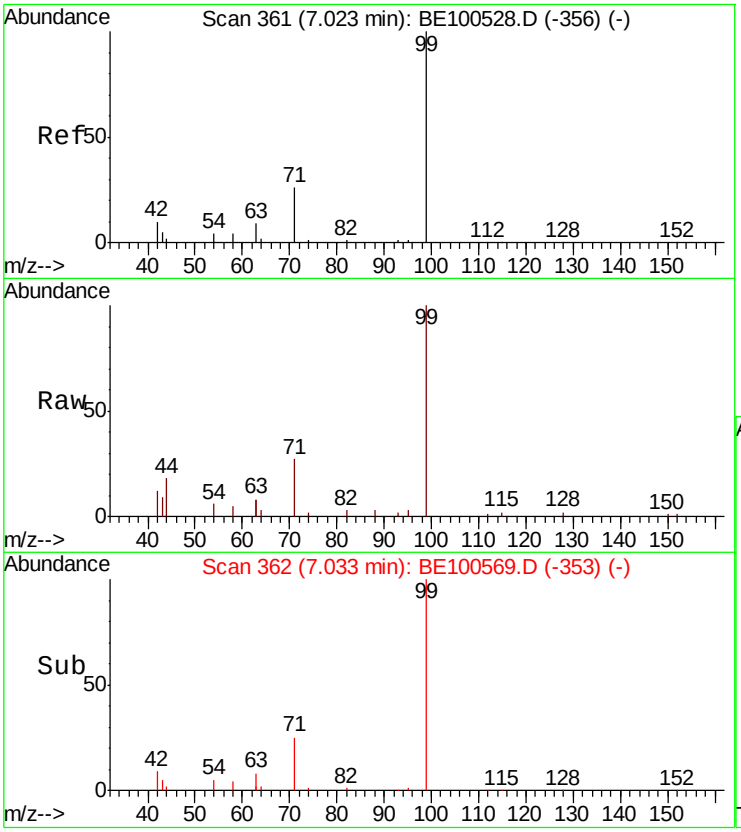


#4
2-Fluorophenol
Concen: 0.537 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.02 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:112 Resp: 8403

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	114.4	86.5	129.7



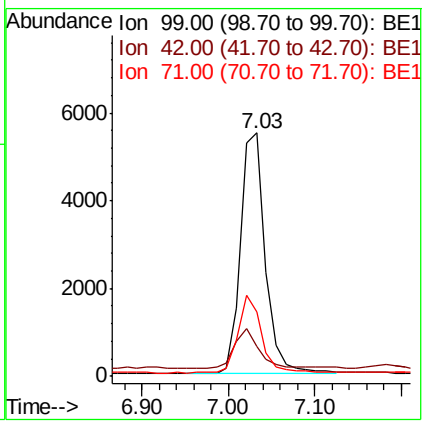


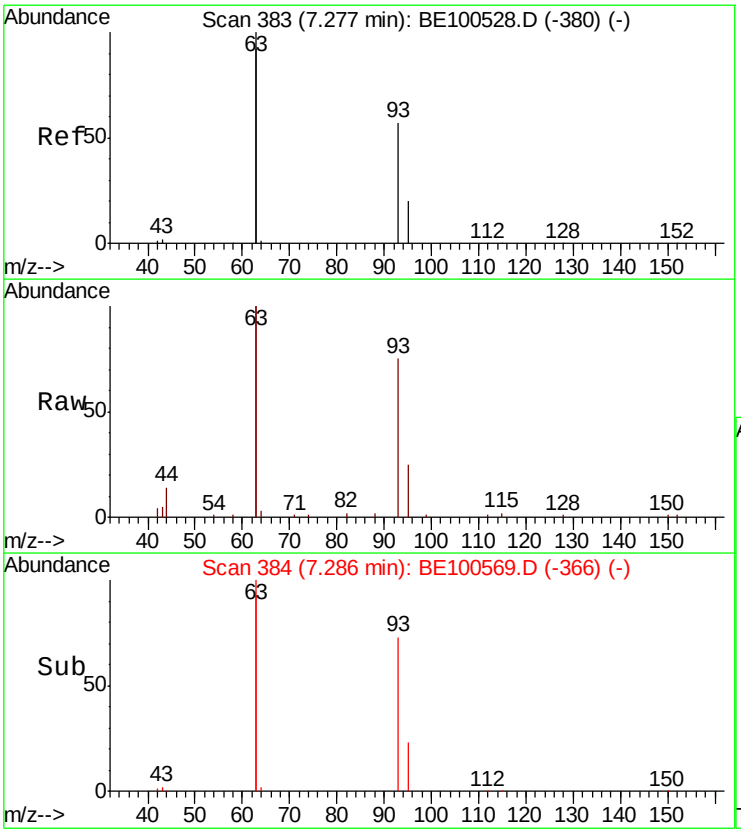
#5
Phenol-d6
Concen: 0.516 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 11052

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.6
71	30.2	23.4	35.0

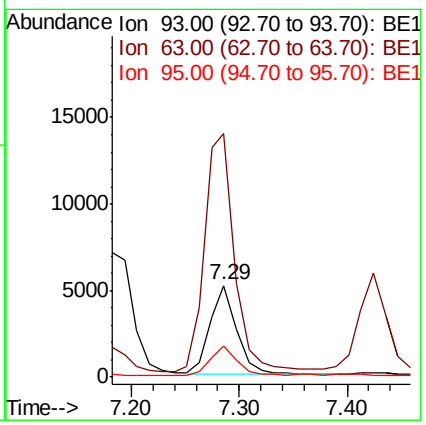


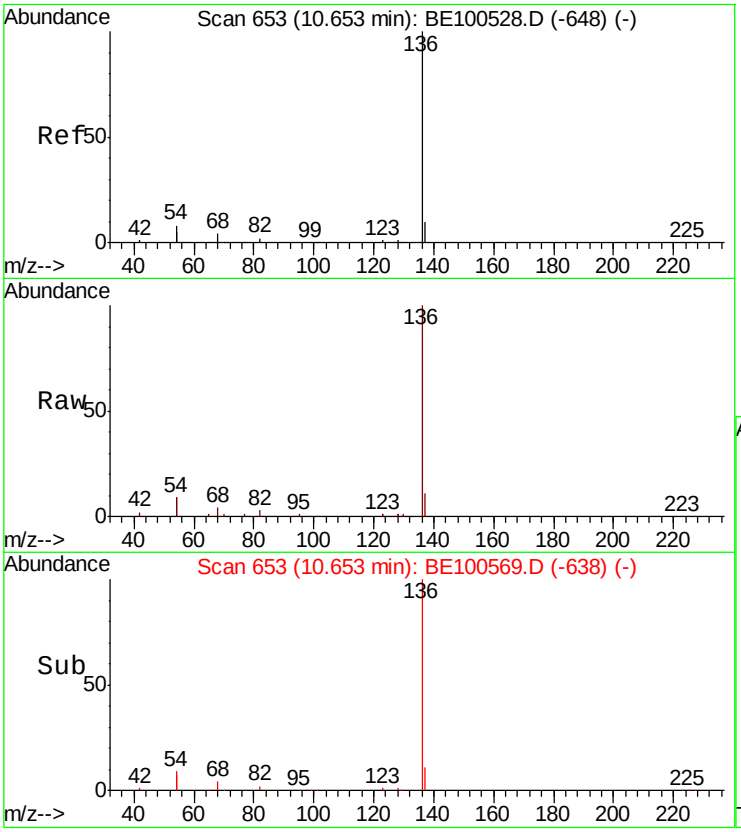


#6
bis(2-Chloroethyl)ether
Concen: 0.410 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion: 93 Resp: 8879

Ion	Ratio	Lower	Upper
93	100		
63	295.1	213.4	320.0
95	32.1	23.7	35.5



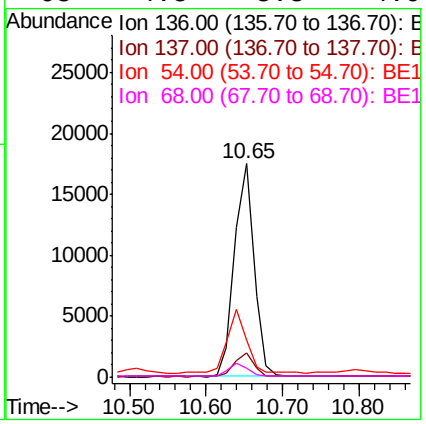


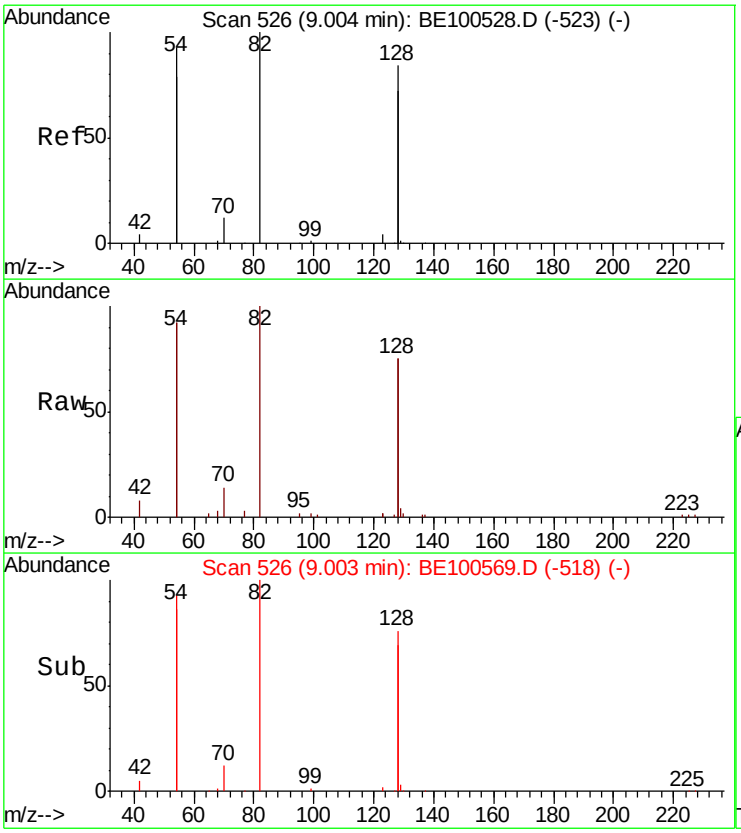
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 31151

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	17.4	12.4	18.6
68	4.5	3.3	4.9

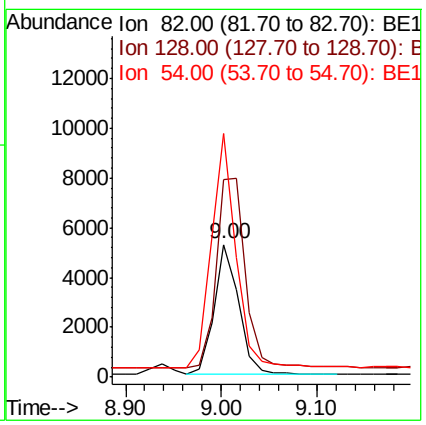


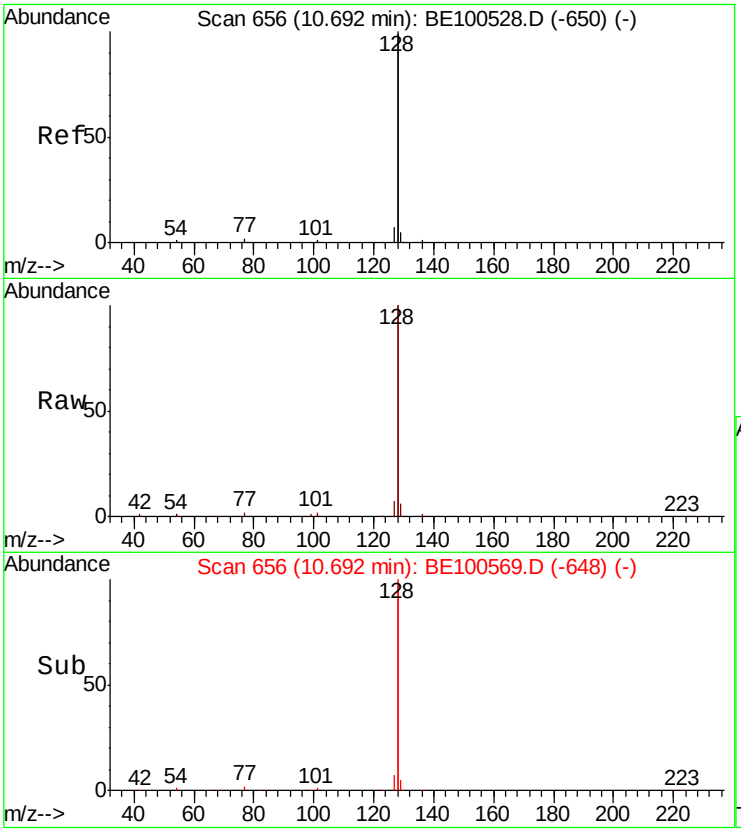


#8
Nitrobenzene-d5
Concen: 0.518 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion: 82 Resp: 9301

Ion	Ratio	Lower	Upper
82	100		
128	149.2	129.4	194.2
54	183.4	143.3	214.9



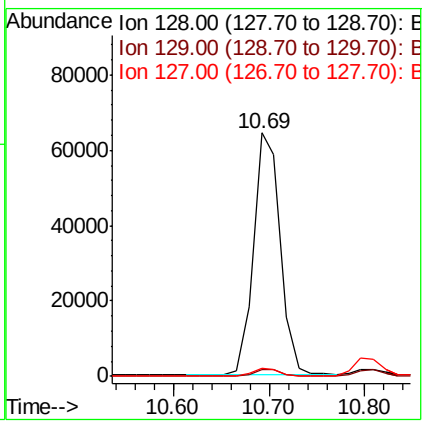


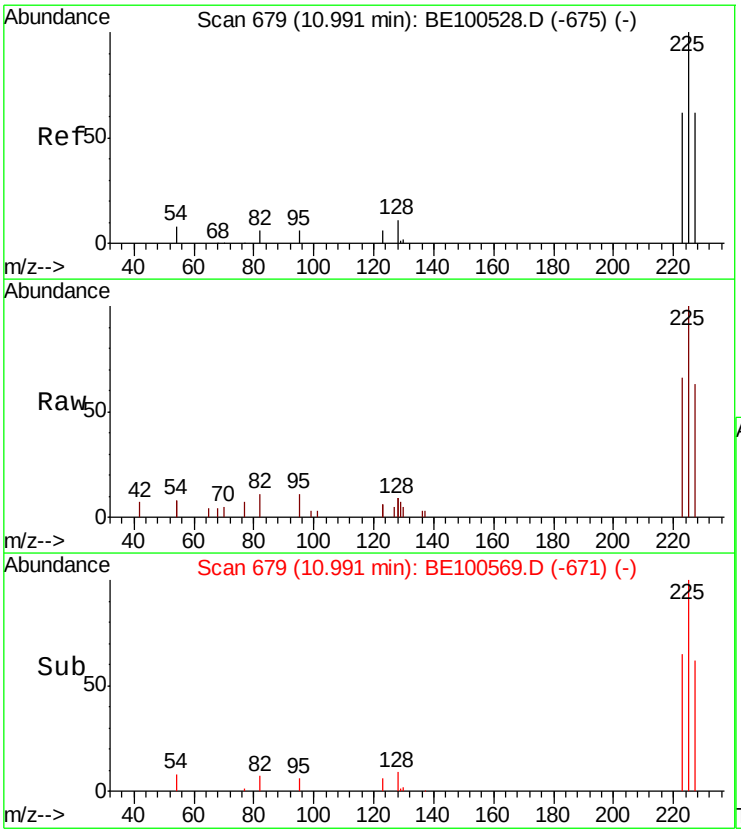
#9
Naphthalene
Concen: 0.387 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 125099

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.4	2.7	4.1

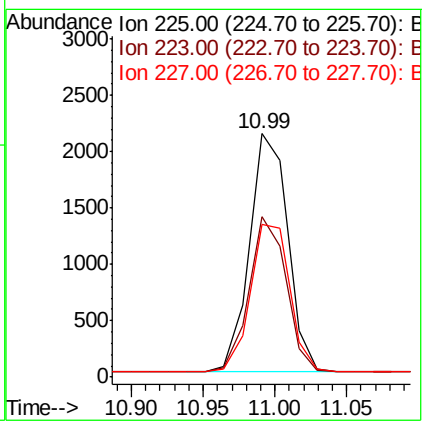


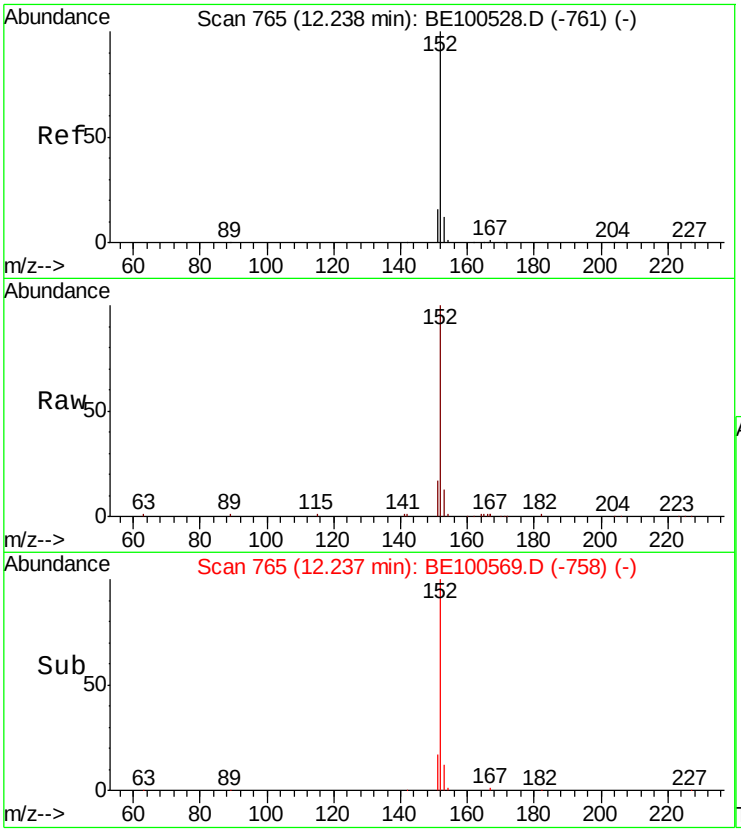


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:225 Resp: 3919

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.9	51.4	77.2



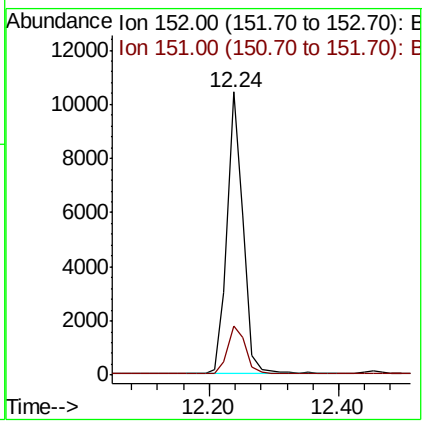


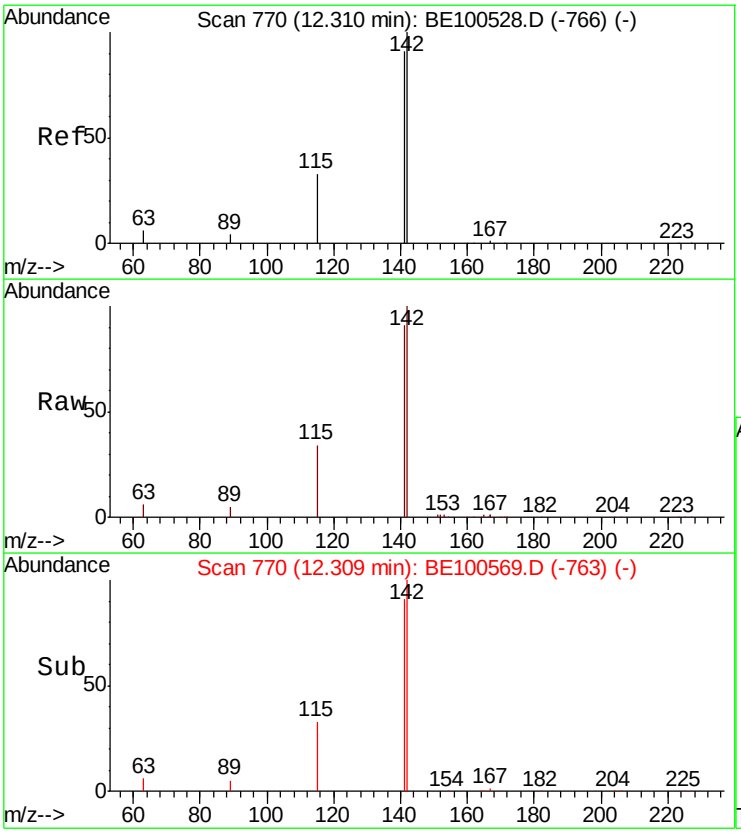
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 17606

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

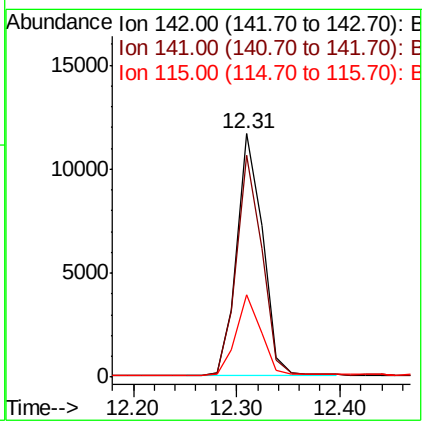


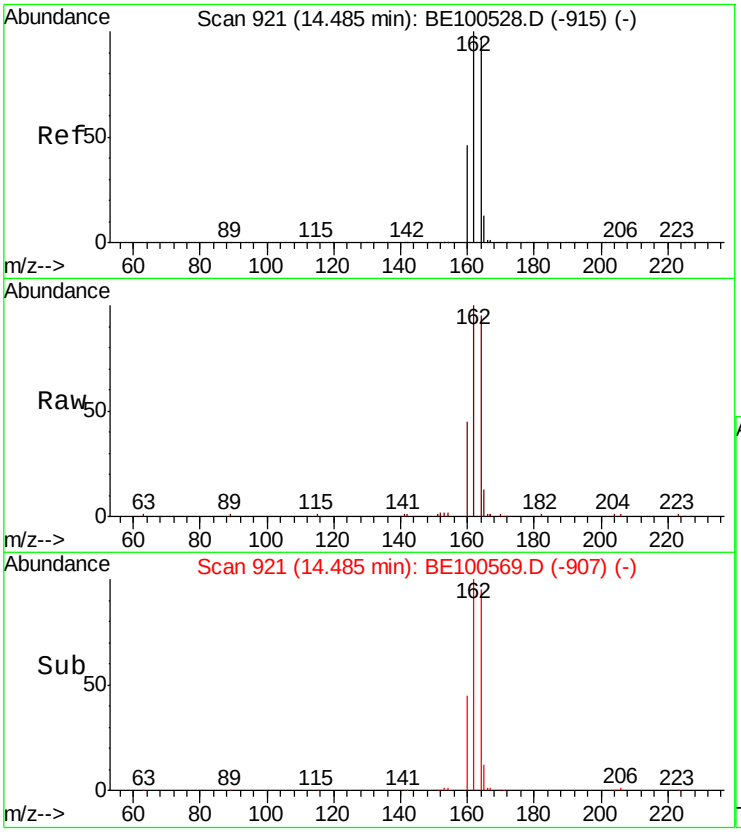


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:142 Resp: 20085

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7
115	34.0	27.2	40.8



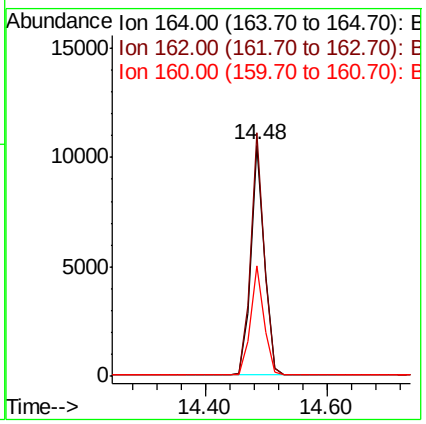


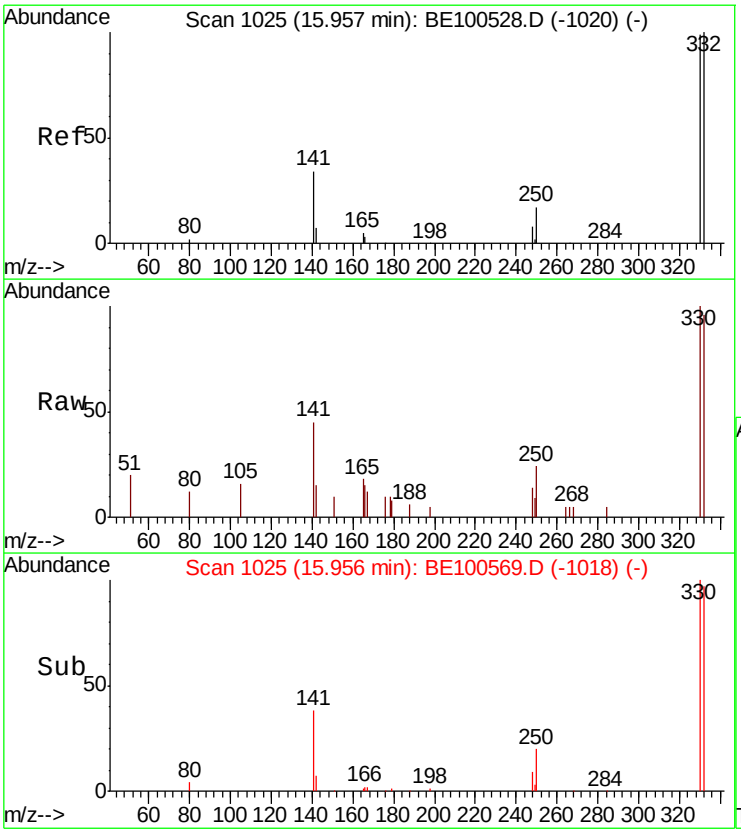
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 15875

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.1	123.1
160	47.8	37.6	56.4

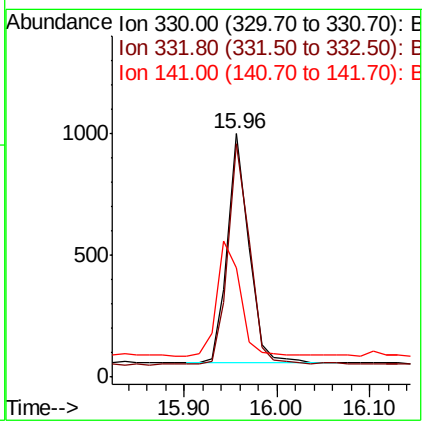


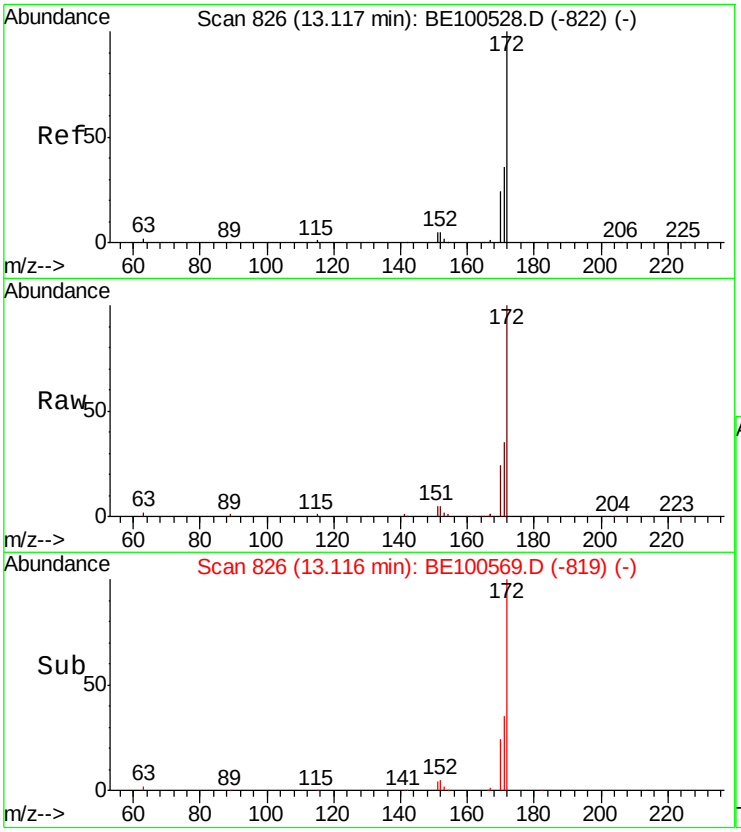


#14
2,4,6-Tribromophenol
Concen: 0.580 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:330 Resp: 1490

Ion	Ratio	Lower	Upper
330	100		
332	98.5	75.5	113.3
141	55.2	42.3	63.5



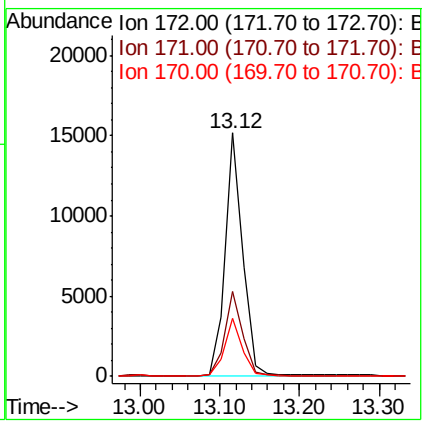


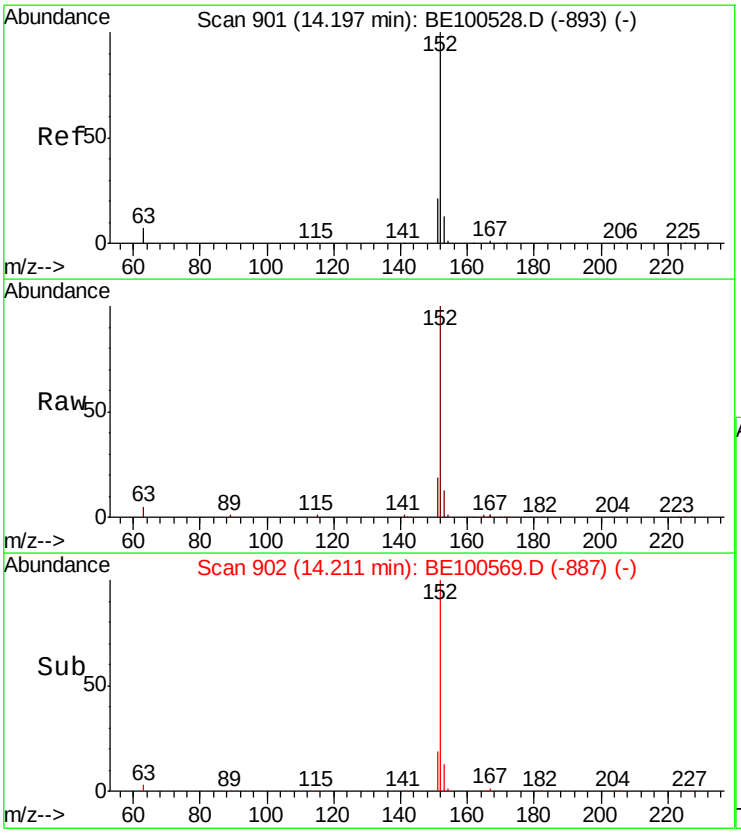
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 22873

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	24.0	19.4	29.0

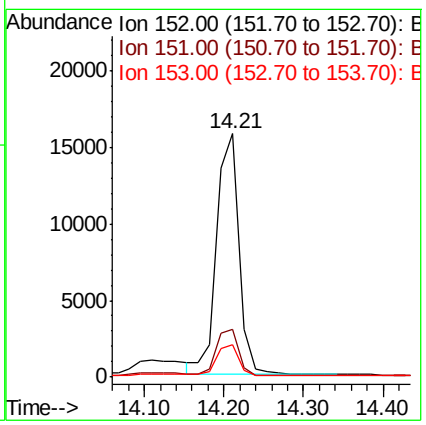


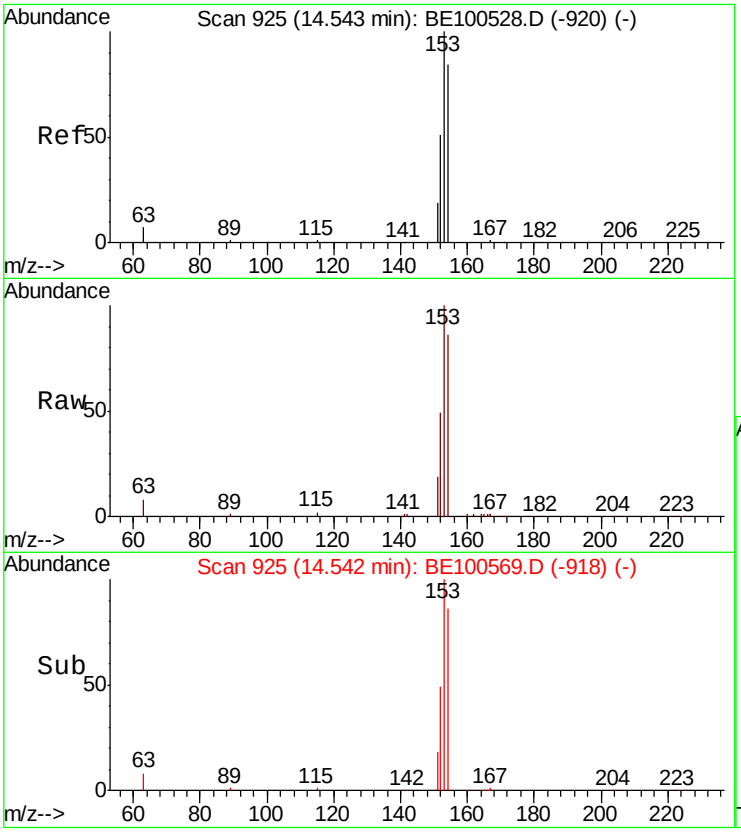


#16
Acenaphthylene
Concen: 0.474 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:152 Resp: 30980

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.7	16.1



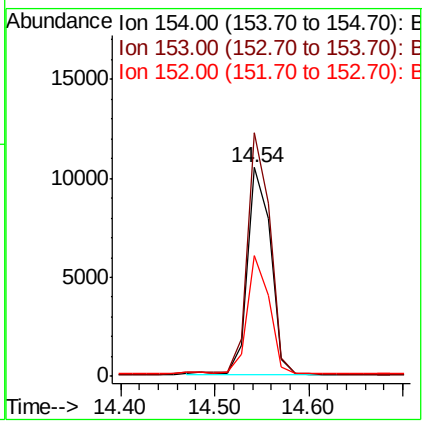


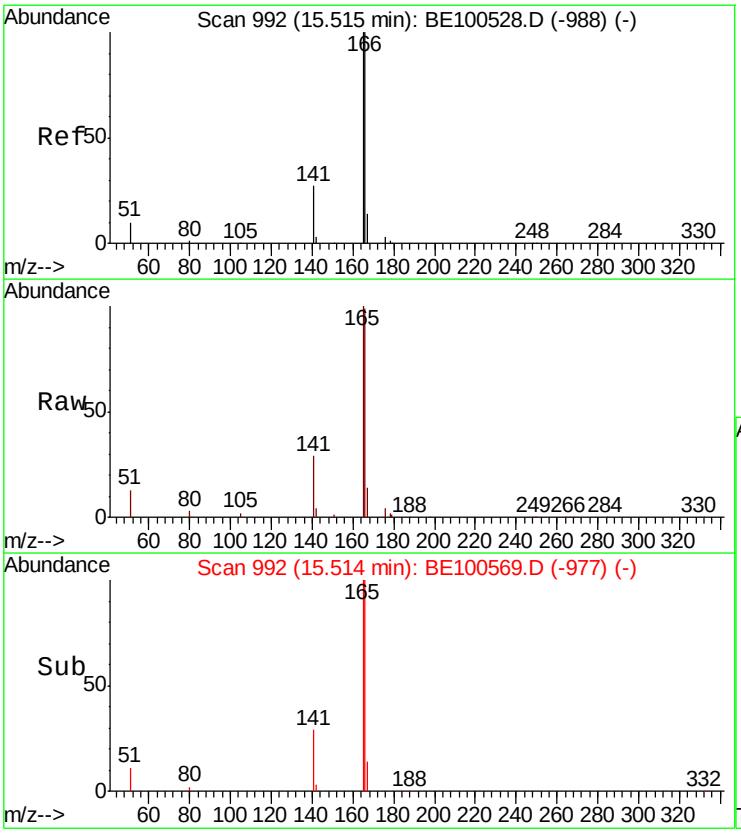
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 18058

Ion	Ratio	Lower	Upper
154	100		
153	114.0	93.7	140.5
152	55.0	47.3	70.9

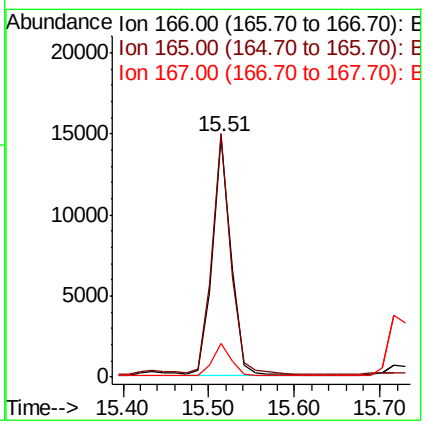


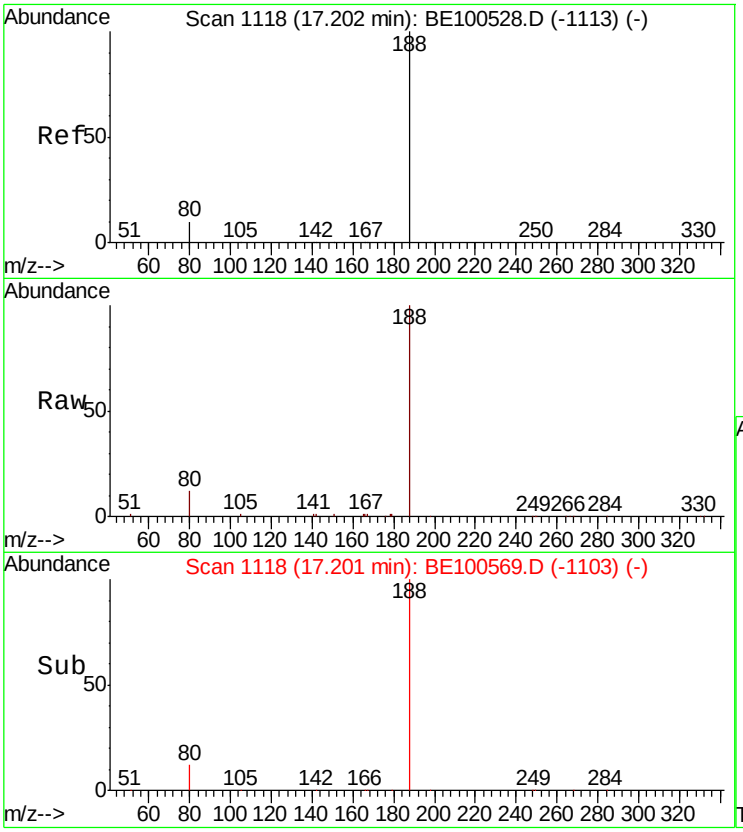


#18
Fluorene
Concen: 0.403 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:166 Resp: 22255

Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.1	120.1
167	13.2	10.9	16.3



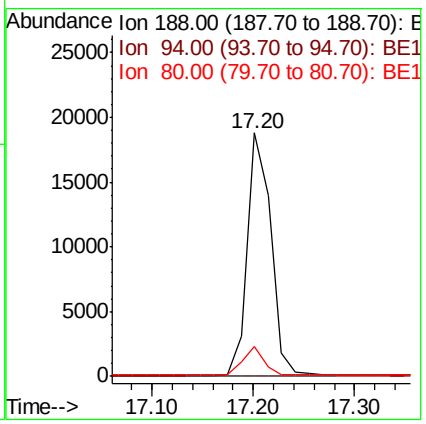


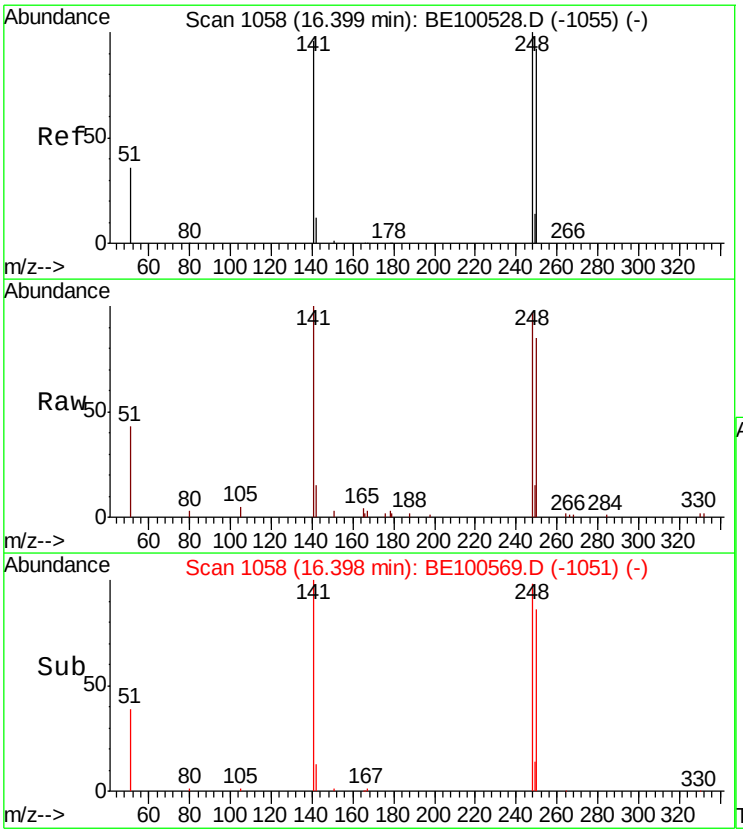
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 30551

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	8.0	12.0#

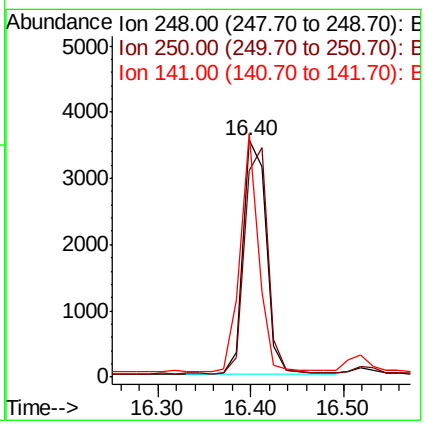


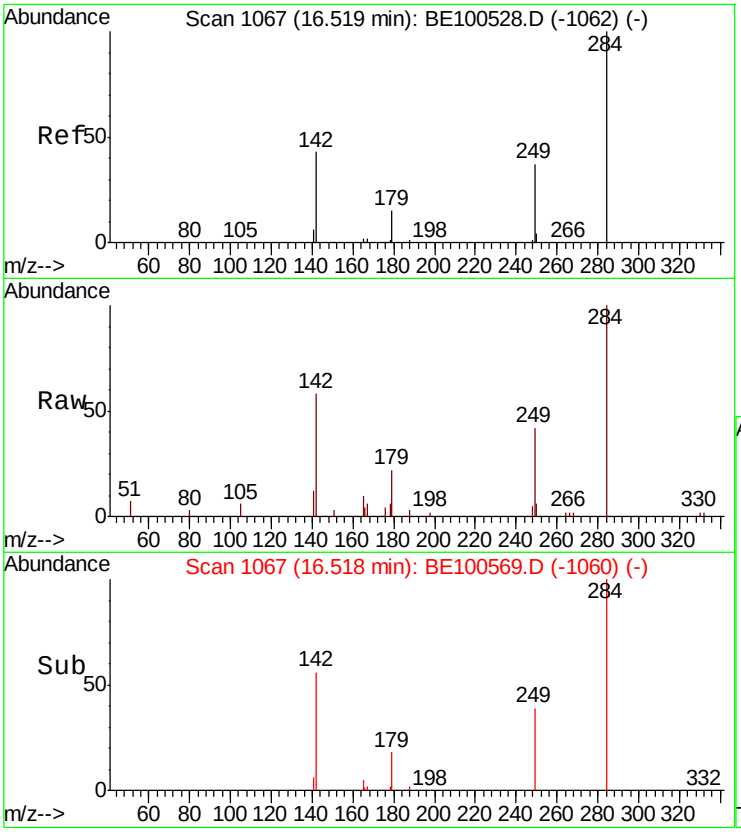


#20
4-Bromophenyl-phenylether
Concen: 0.422 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:248 Resp: 6052

Ion	Ratio	Lower	Upper
248	100		
250	87.3	73.5	110.3
141	102.7	77.0	115.4



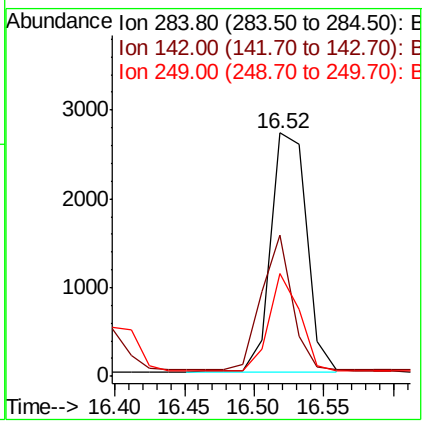


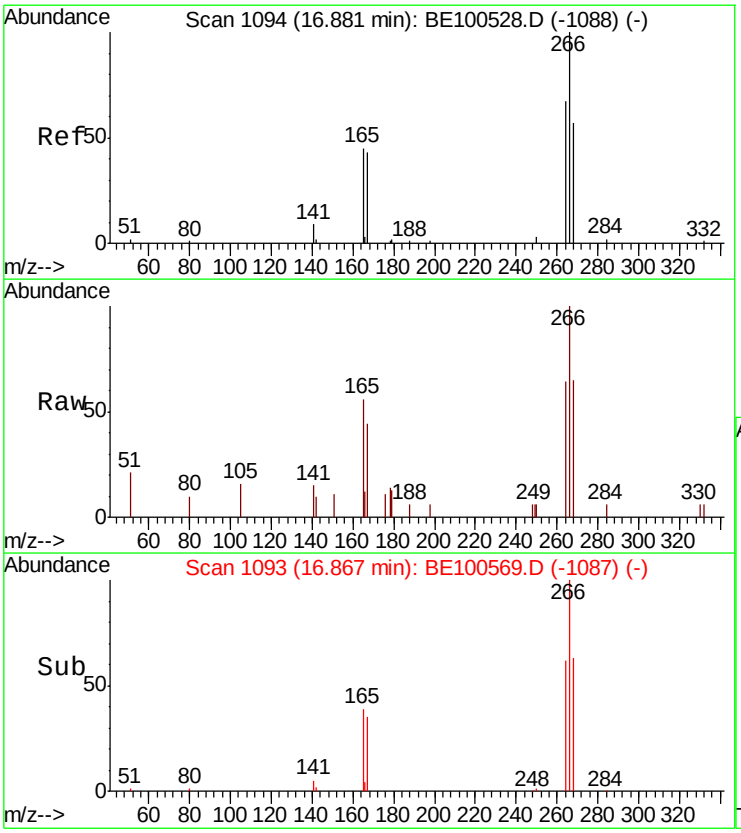
#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4803

Ion	Ratio	Lower	Upper
284	100		
142	47.8	39.0	58.6
249	35.4	28.2	42.2

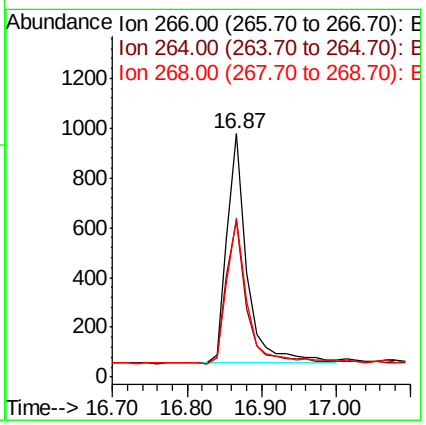


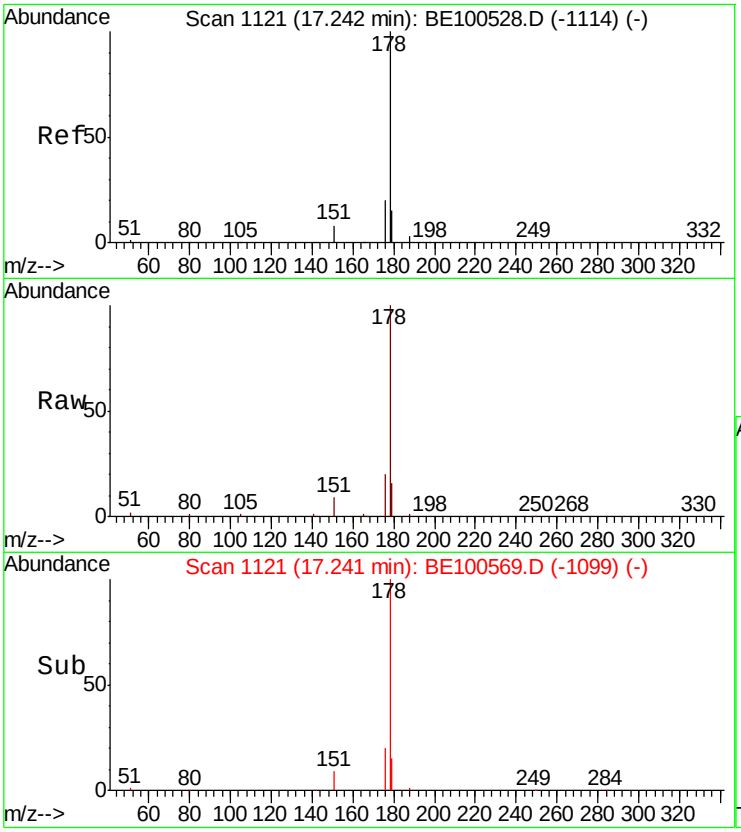


#22
Pentachlorophenol
Concen: 0.732 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:266 Resp: 1726

Ion	Ratio	Lower	Upper
266	100		
264	64.1	57.6	86.4
268	65.2	55.1	82.7



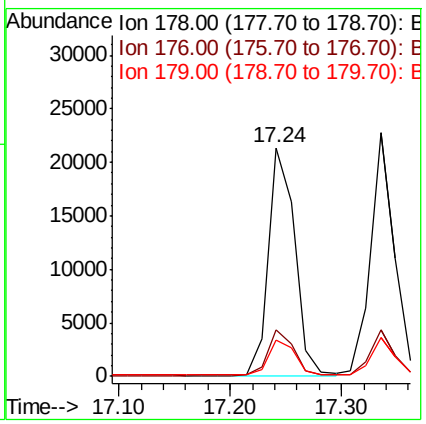


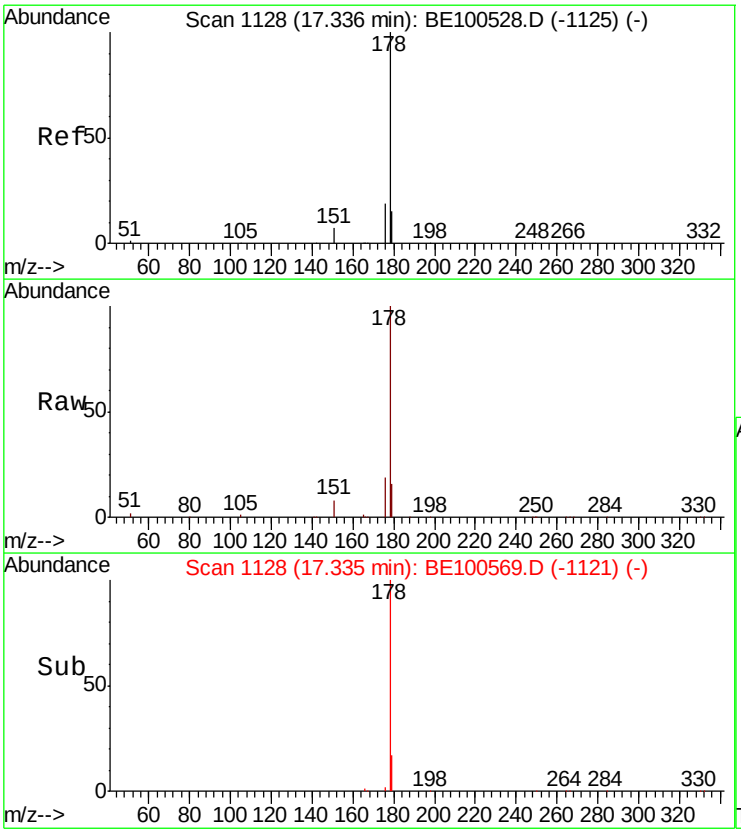
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 35308

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	18.8

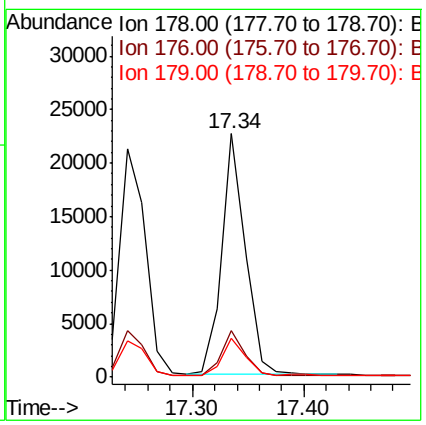


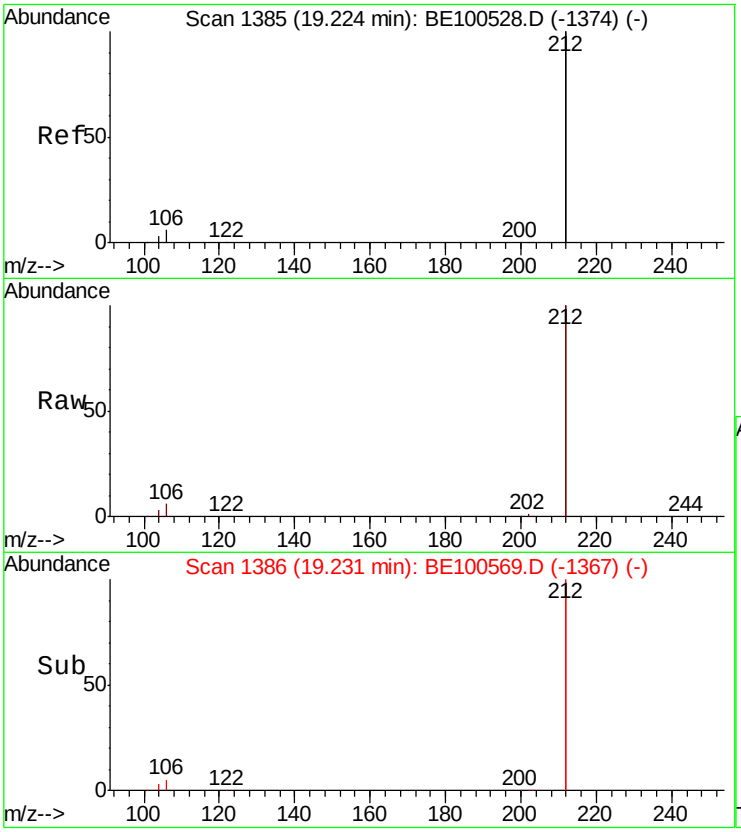


#24
Anthracene
Concen: 0.466 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:178 Resp: 33412

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.7	12.2	18.4



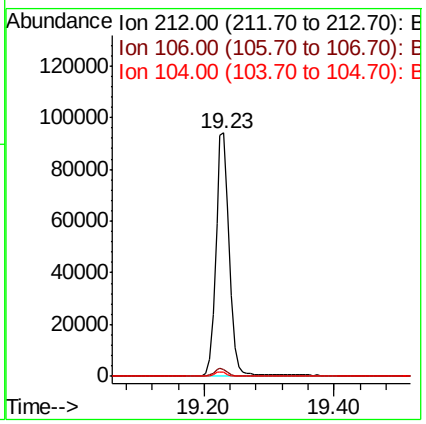


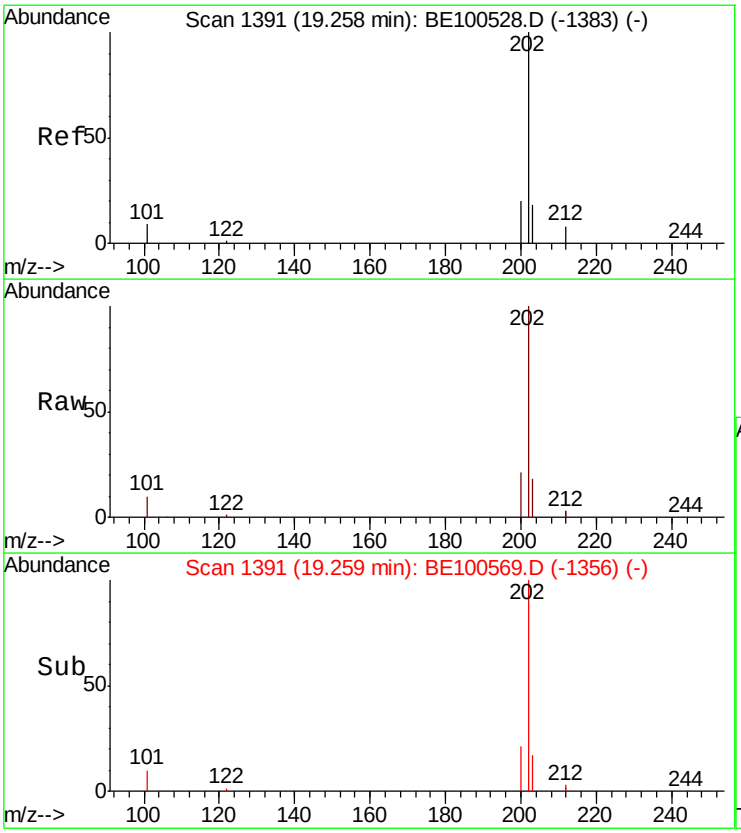
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 136241

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.3	3.5
104	1.8	1.3	1.9

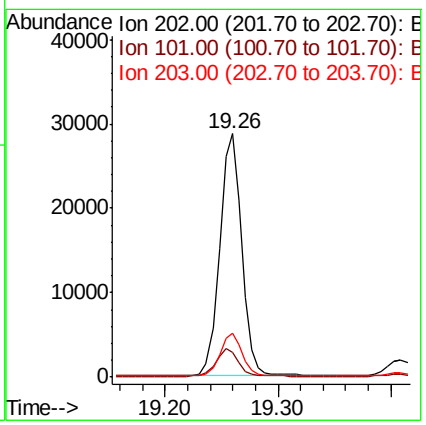


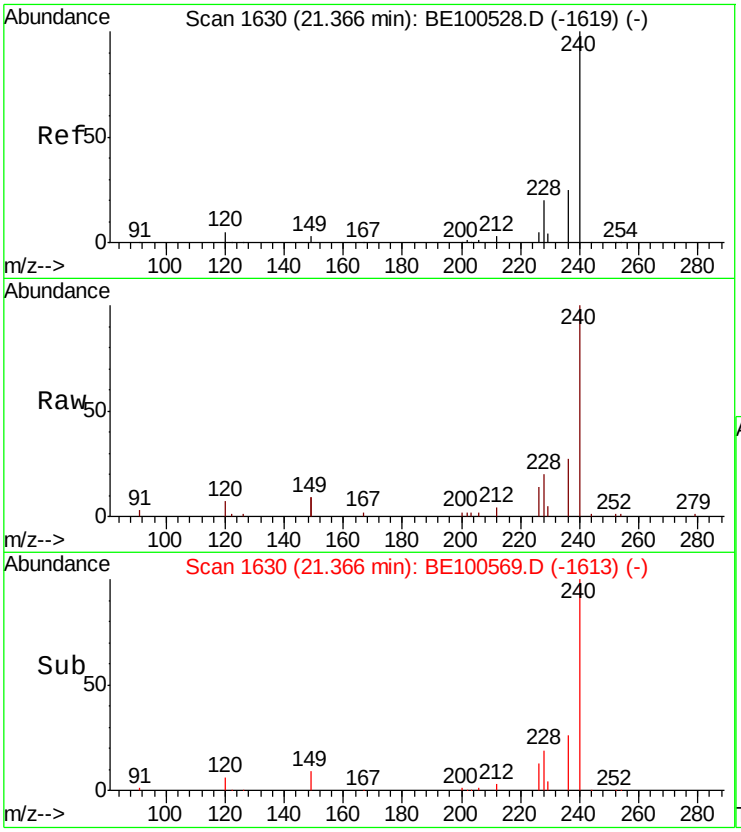


#26
Fluoranthene
Concen: 0.379 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:202 Resp: 38951

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.8	13.2
203	17.4	13.7	20.5



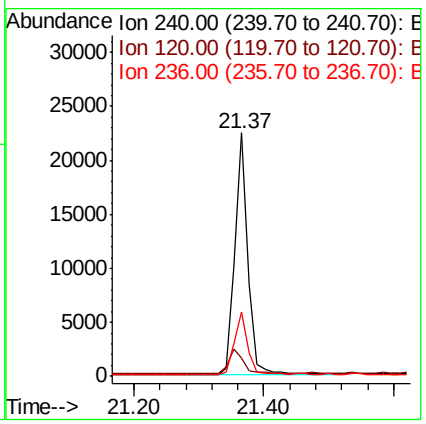


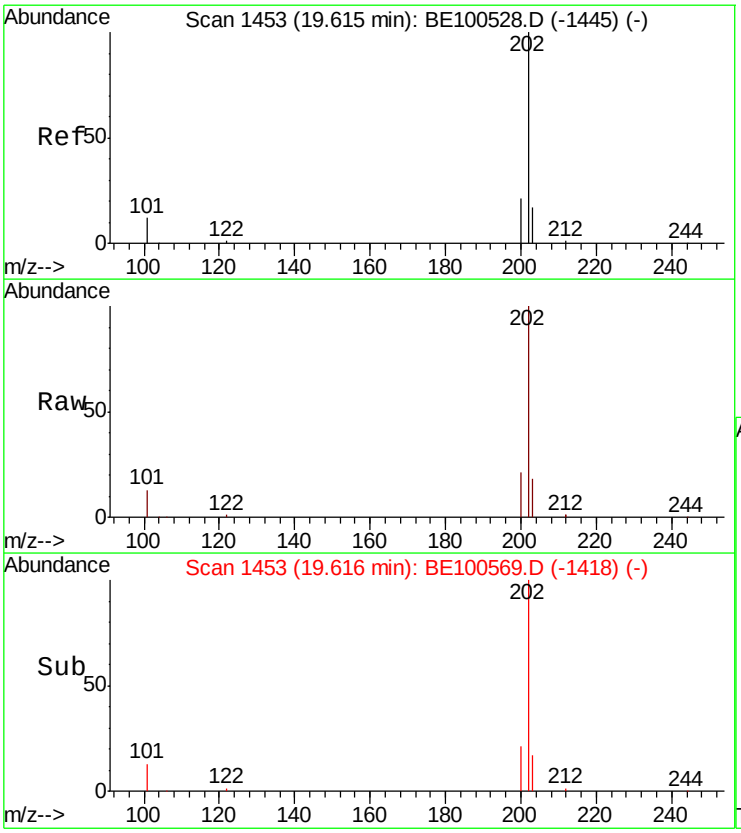
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 31634

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.5	6.7#
236	26.6	20.6	30.8

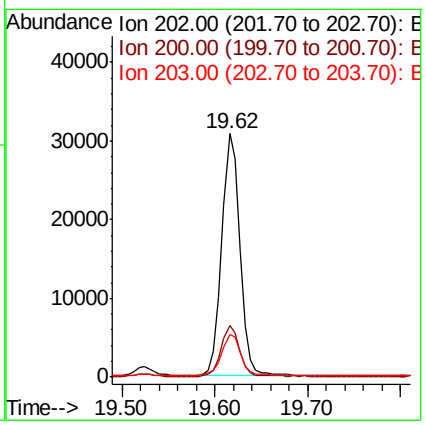


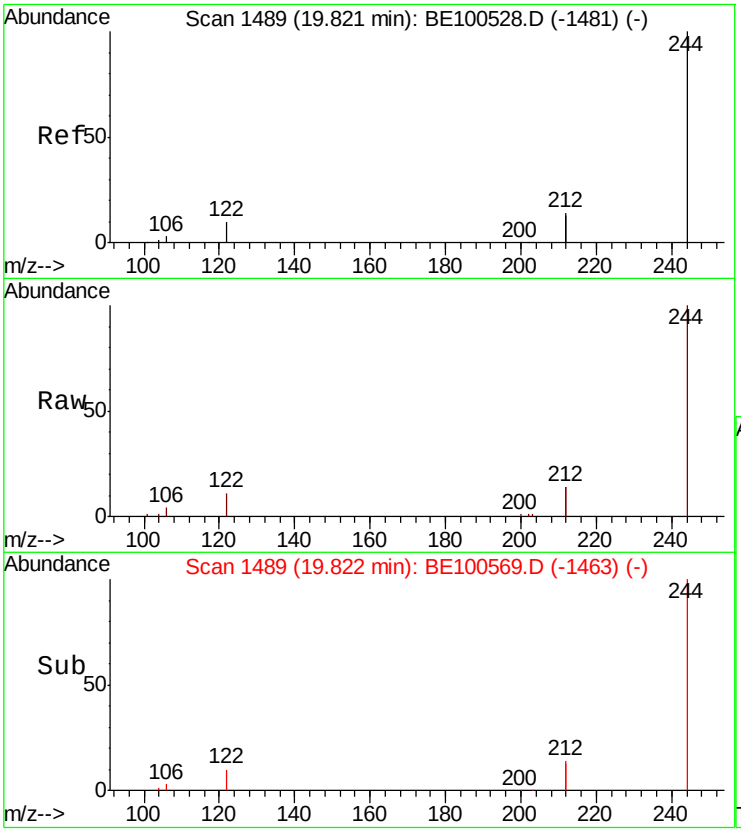


#28
Pyrene
Concen: 0.453 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:202 Resp: 41246

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.6	14.0	21.0



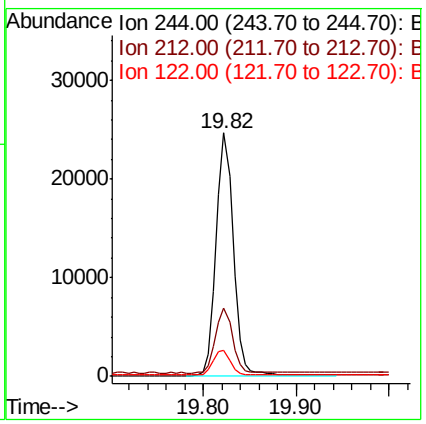


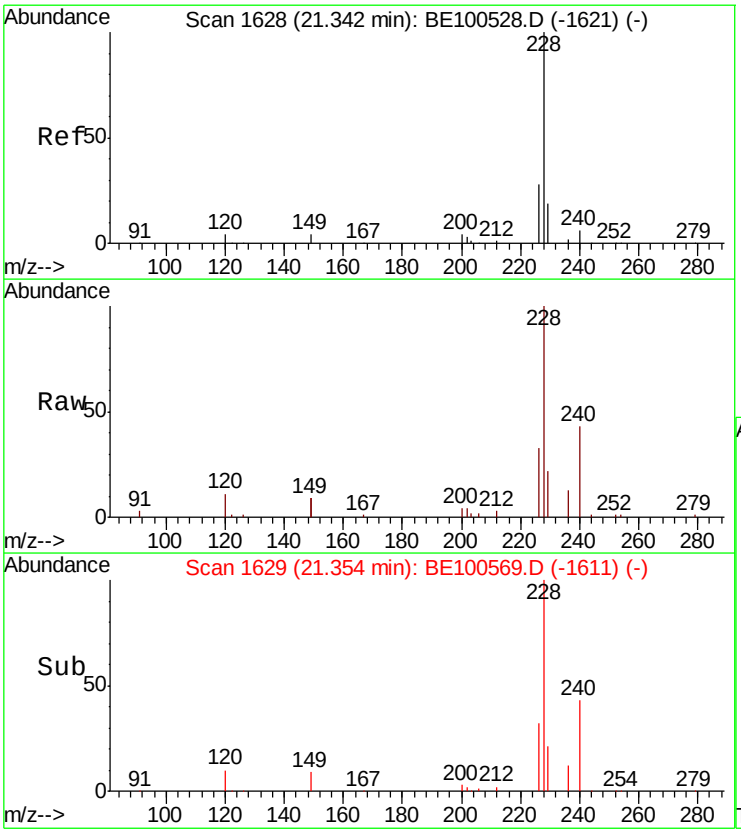
#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 31575

Ion	Ratio	Lower	Upper
244	100		
212	28.0	22.2	33.2
122	10.7	8.3	12.5

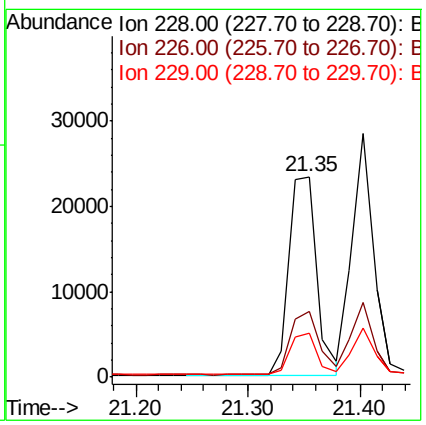


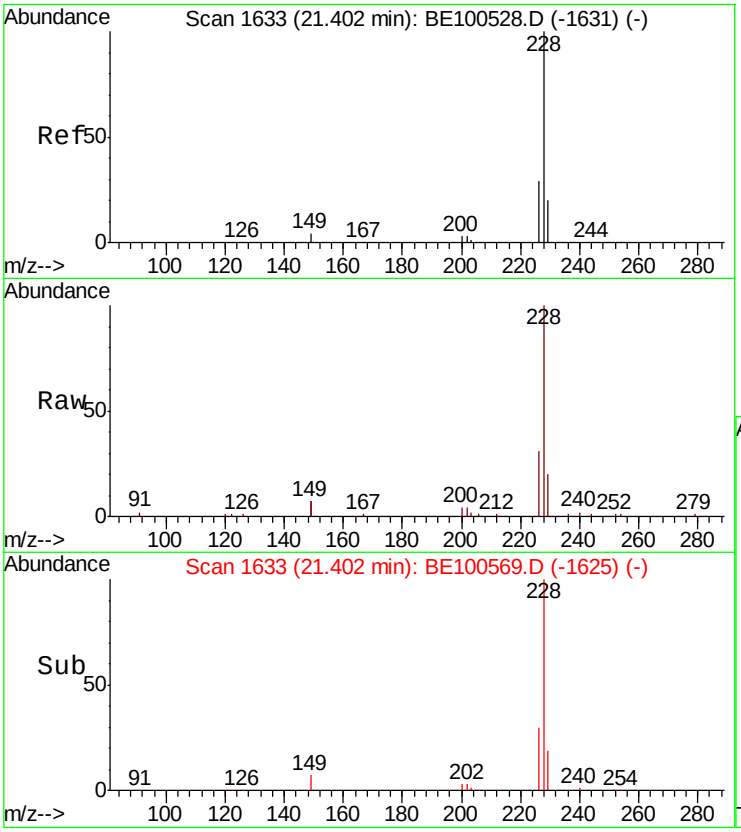


#30
Benzo(a)anthracene
Concen: 0.472 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:228 Resp: 39905

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.5	33.7
229	21.6	15.4	23.2



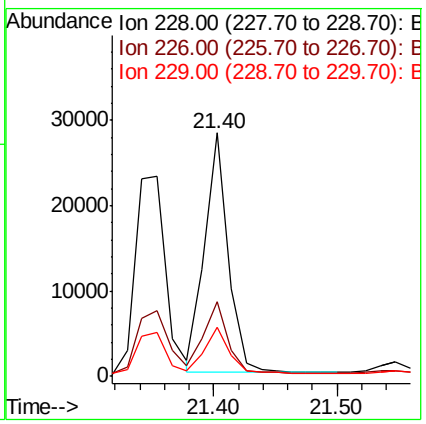


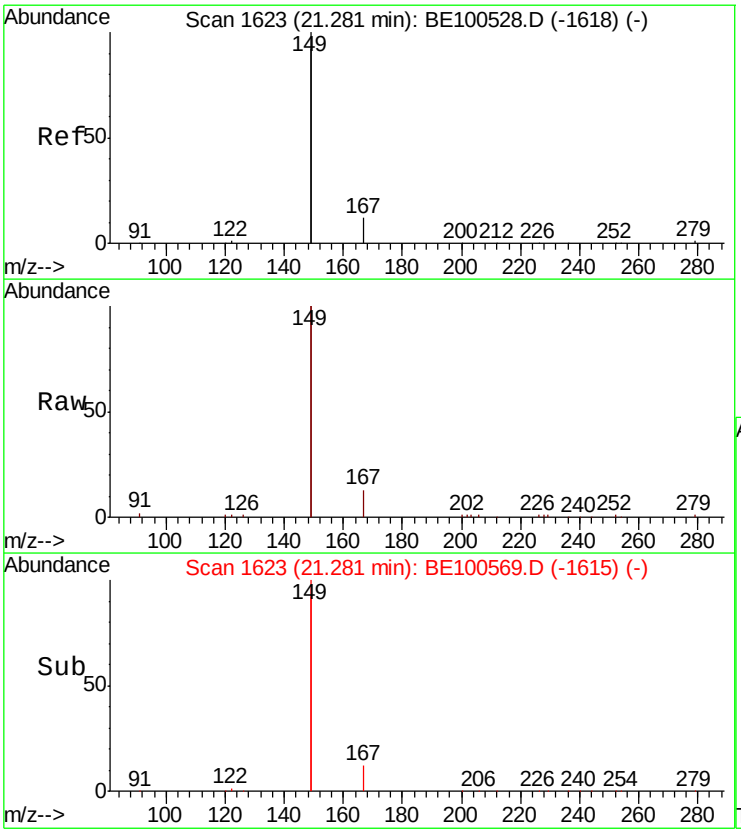
#31
Chrysene
Concen: 0.391 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 37638

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.3	34.9
229	20.3	16.3	24.5

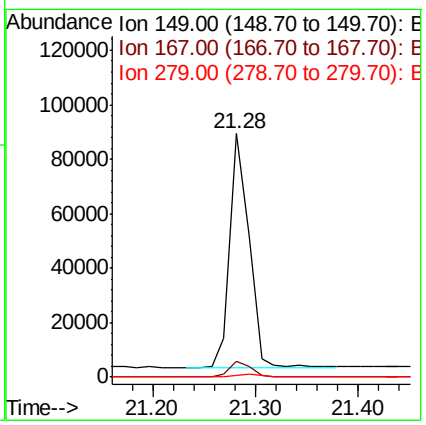


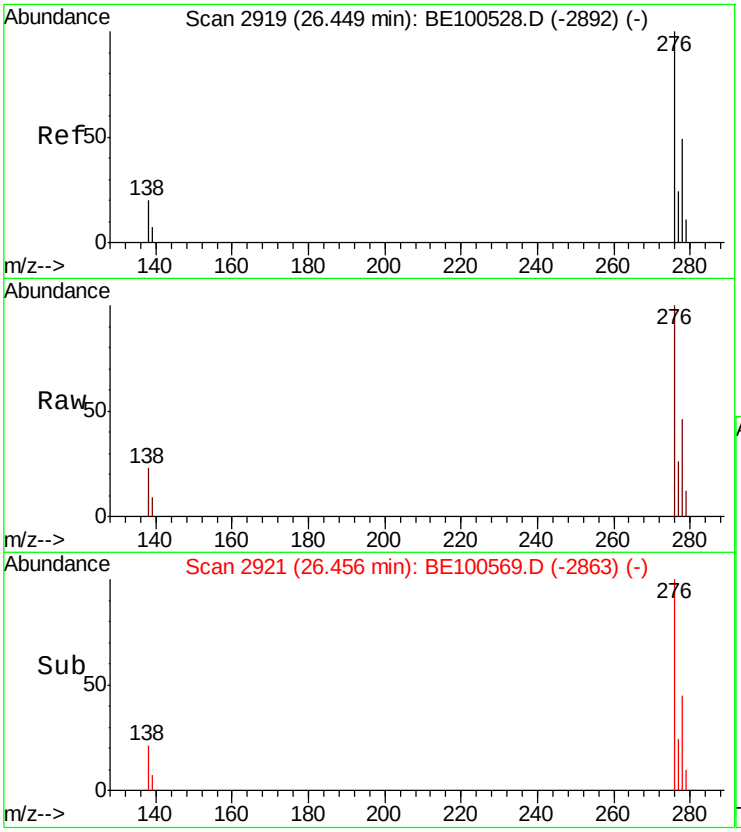


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.200 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:149 Resp: 109261

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.1	1.0	1.4



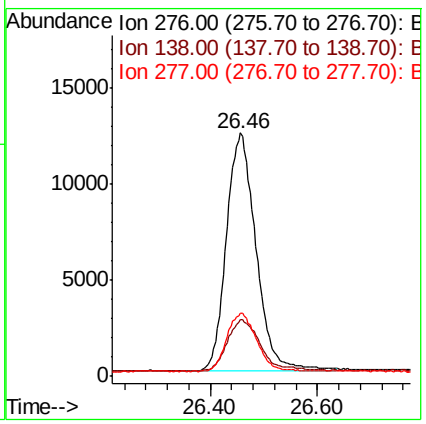


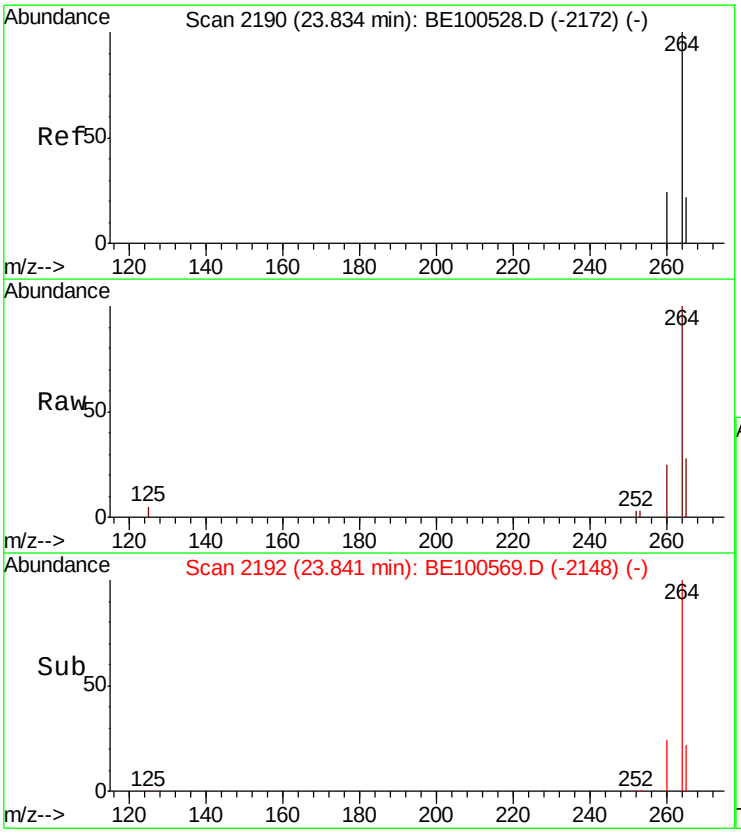
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.443 ng
RT: 26.46 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 47436

Ion	Ratio	Lower	Upper
276	100		
138	23.4	17.7	26.5
277	24.5	19.9	29.9

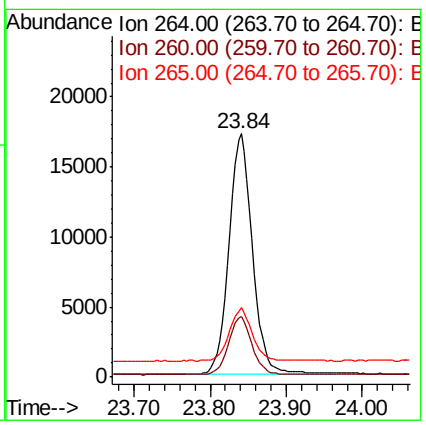


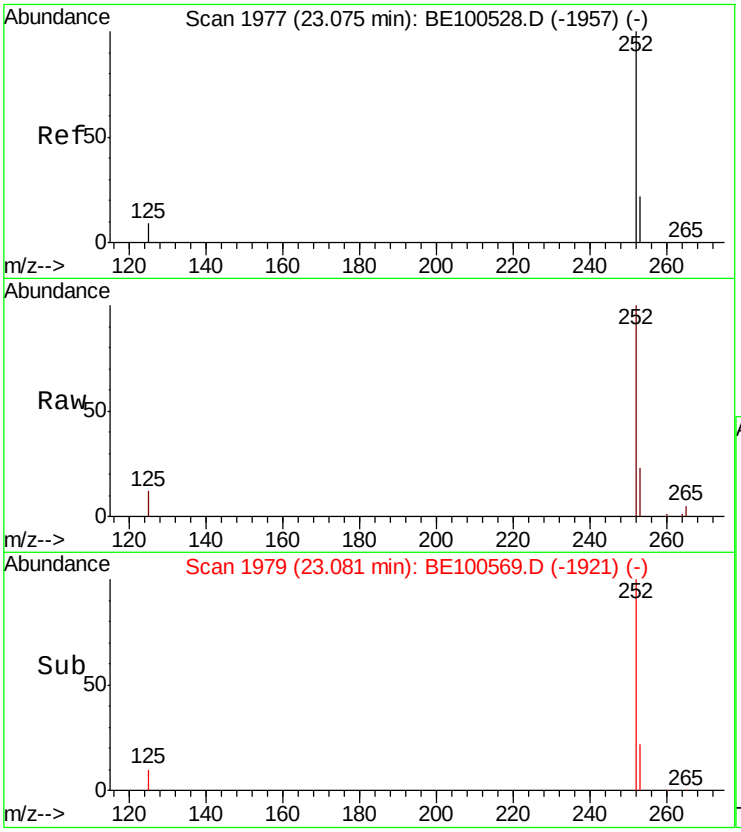


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:264 Resp: 36791

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	28.4	21.8	32.8



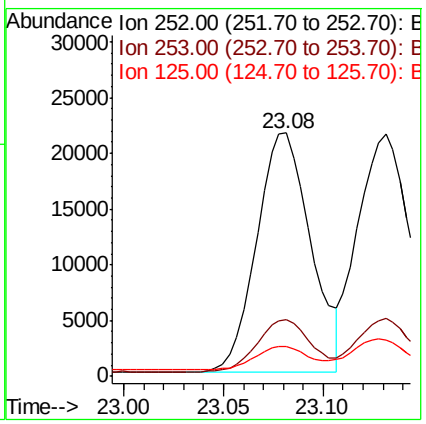


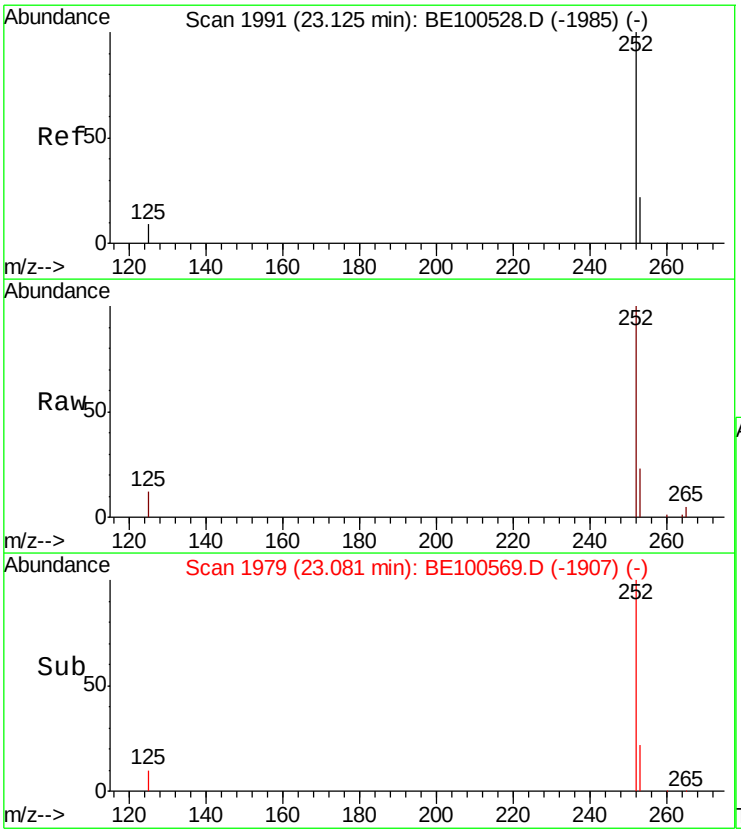
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.08 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 40512

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	12.4	8.0	12.0#

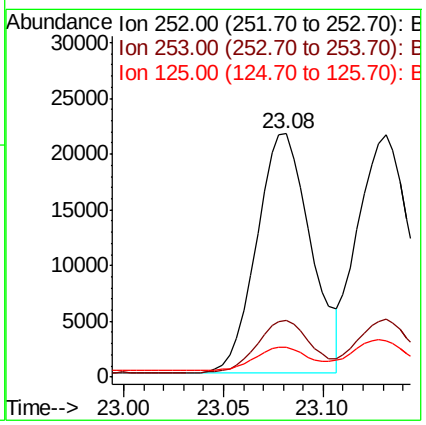


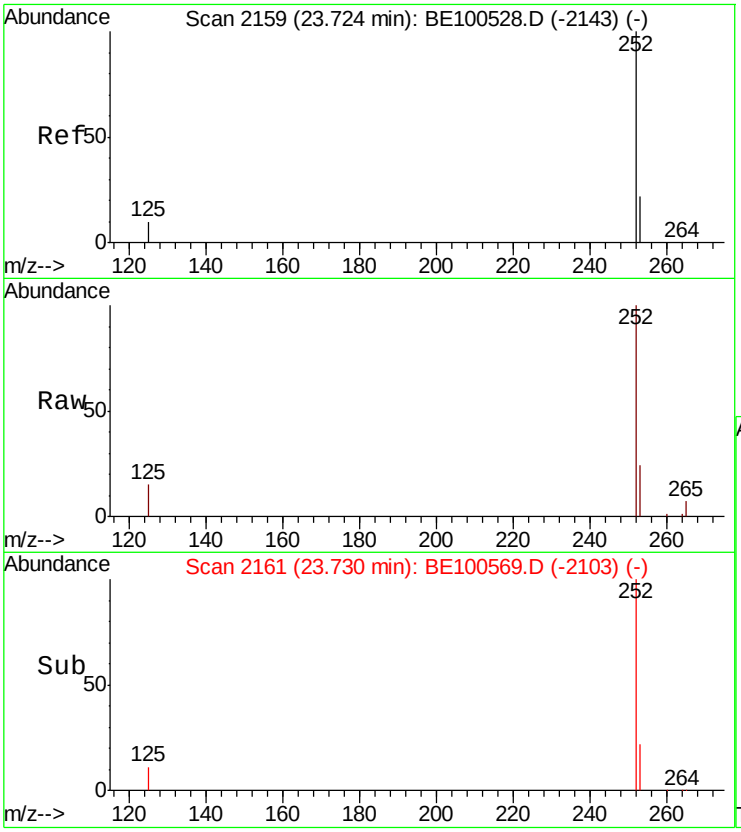


#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 23.08 min Scan# 1979
Delta R.T. -0.04 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:252 Resp: 40512

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.4	8.5	12.7



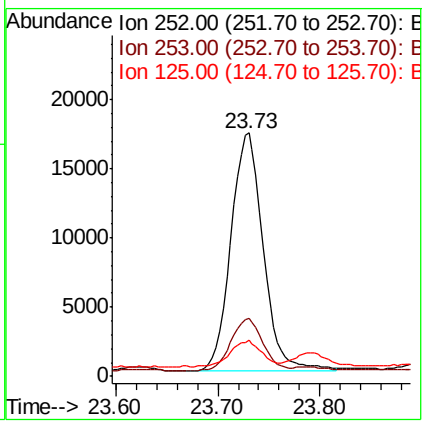


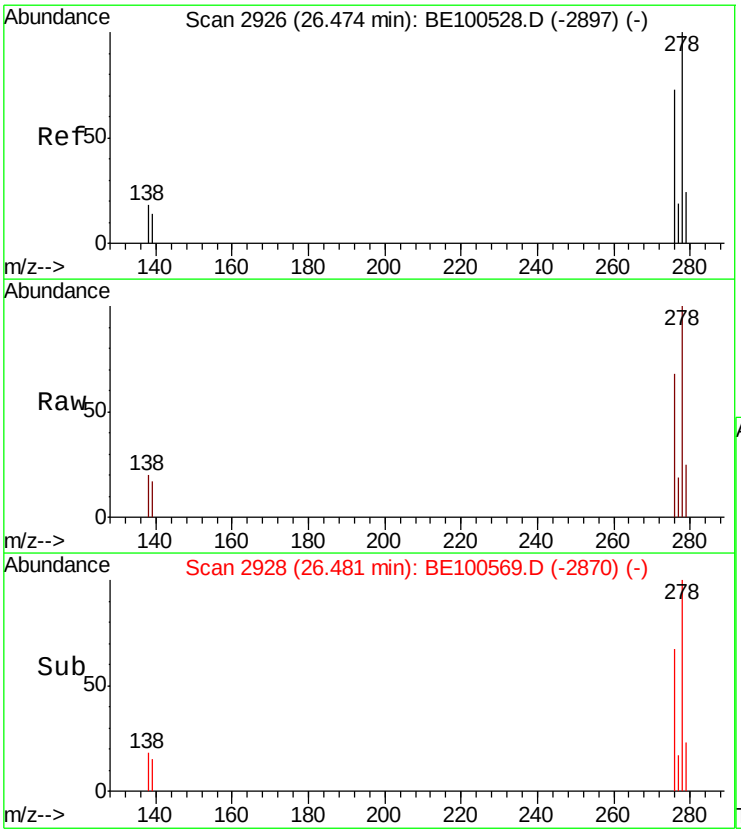
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38016

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	14.7	9.2	13.8#

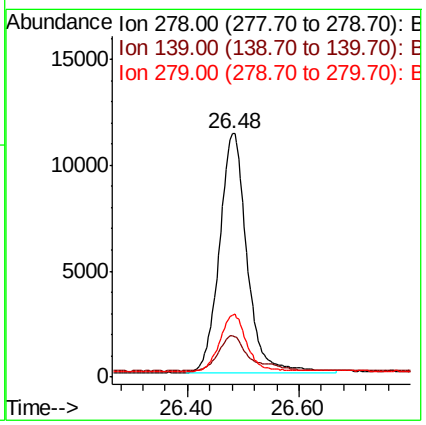


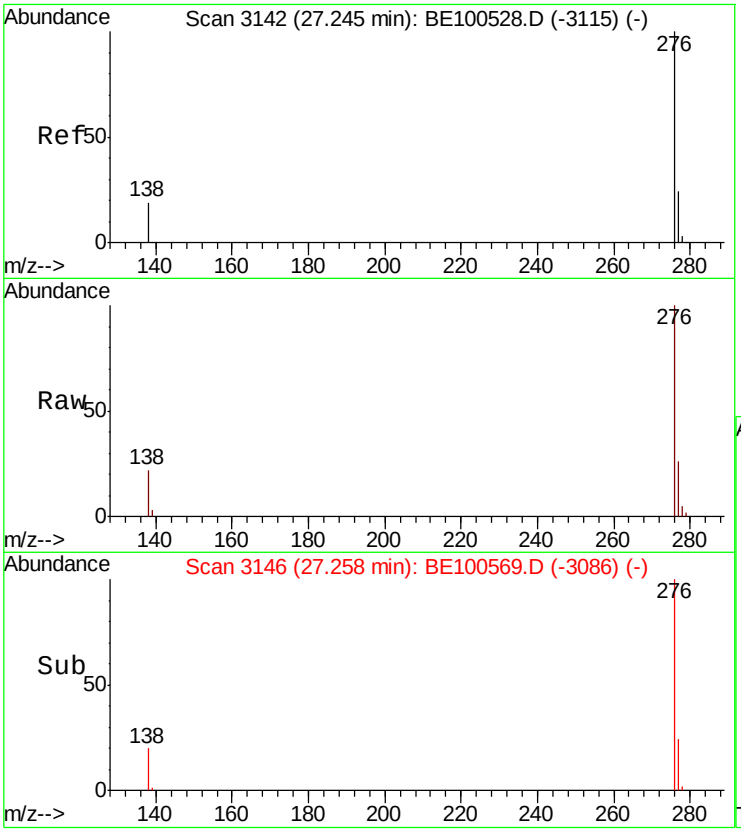


#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Tgt Ion:278 Resp: 38944

Ion	Ratio	Lower	Upper
278	100		
139	16.9	11.6	17.4
279	25.3	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.26 min Scan# 3146
Delta R.T. 0.01 min
Lab File: BE100569.D
Acq: 26 Sep 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 39355

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	22.4	15.7	23.5