Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
Data File : BE100958.D
Acq On : 19 Dec 2019 22:42
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 20 01:19:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 01:12:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2248	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	11590	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	7309	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	16698	0.40	ng		0.00
27) Chrysene-d12	21.29	240	16427	0.40	ng		0.00
34) Perylene-d12	23.73	264	21493	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1405	0.35	ng		0.00
5) Phenol-d6	6.96	99	1410	0.34	ng		0.00
8) Nitrobenzene-d5	8.90	82	2162	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7554	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	680	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	10529	0.41	ng		0.00
25) Fluoranthene-d10	19.14	212	83688	0.40	ng		0.00
29) Terphenyl-d14	19.75	244	14778	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	3478	0.509	ng		97
3) n-Nitrosodimethylamine	3.65	42	552	0.378	ng	#	37
6) bis(2-Chloroethyl)ether	7.18	93	2162	0.449	ng	#	97
9) Naphthalene	10.57	128	52840	0.422	ng		100
10) Hexachlorobutadiene	10.86	225	2276	0.425	ng		98
12) 2-Methylnaphthalene	12.19	142	7210	0.409	ng		98
16) Acenaphthylene	14.10	152	11981	0.398	ng		99
17) Acenaphthene	14.44	154	8598	0.420	ng		100
18) Fluorene	15.42	166	10529	0.406	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	2836	0.382	ng		96
21) Hexachlorobenzene	16.43	284	3514	0.415	ng		97
22) Pentachlorophenol	16.83	266	283	0.367	ng		85
23) Phenanthrene	17.16	178	17559	0.403	ng		99
24) Anthracene	17.26	178	11405	0.408	ng		99
26) Fluoranthene	19.17	202	24374	0.403	ng		99
28) Pyrene	19.54	202	25708	0.438	ng		99
30) Benzo(a)anthracene	21.28	228	16711	0.388	ng		98
31) Chrysene	21.33	228	21899	0.404	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	43488	0.321	ng		99
33) Indeno(1,2,3-cd)pyrene	26.29	276	25272	0.445	ng	#	70
35) Benzo(b)fluoranthene	22.98	252	18097	0.380	ng		100
36) Benzo(k)fluoranthene	23.03	252	32737	0.515	ng		99
37) Benzo(a)pyrene	23.62	252	22676	0.418	ng		99
38) Dibenzo(a,h)anthracene	26.33	278	18143	0.397	ng		98
39) Benzo(g,h,i)perylene	27.07	276	24169	0.428	ng		98

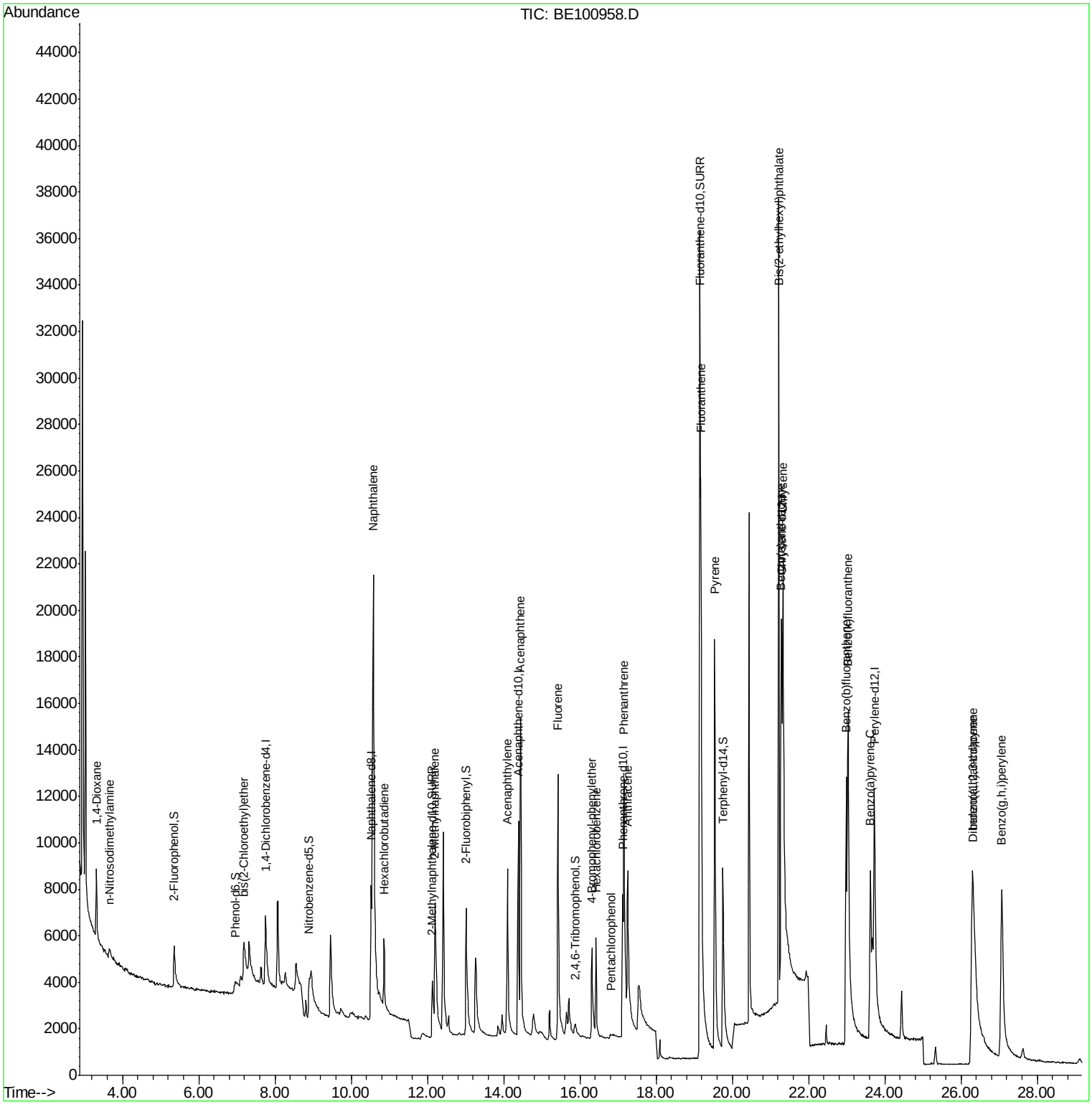
(#) = qualifier out of range (m) = manual integration (+) = signals summed

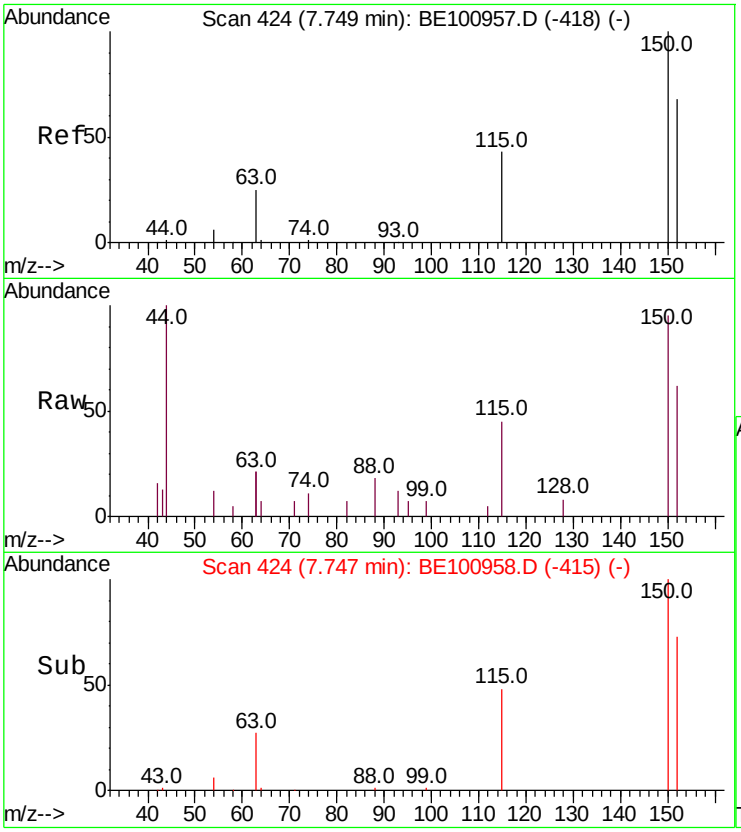
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
Data File : BE100958.D
Acq On : 19 Dec 2019 22:42
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 20 01:19:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 01:12:26 2019
Response via : Initial Calibration



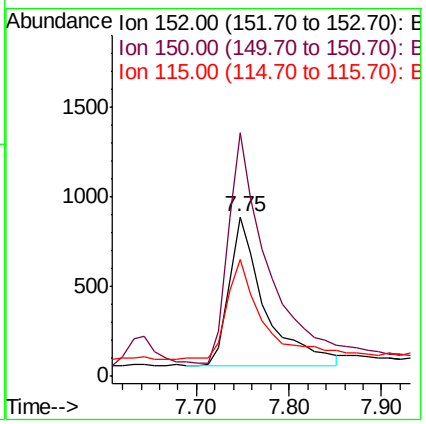


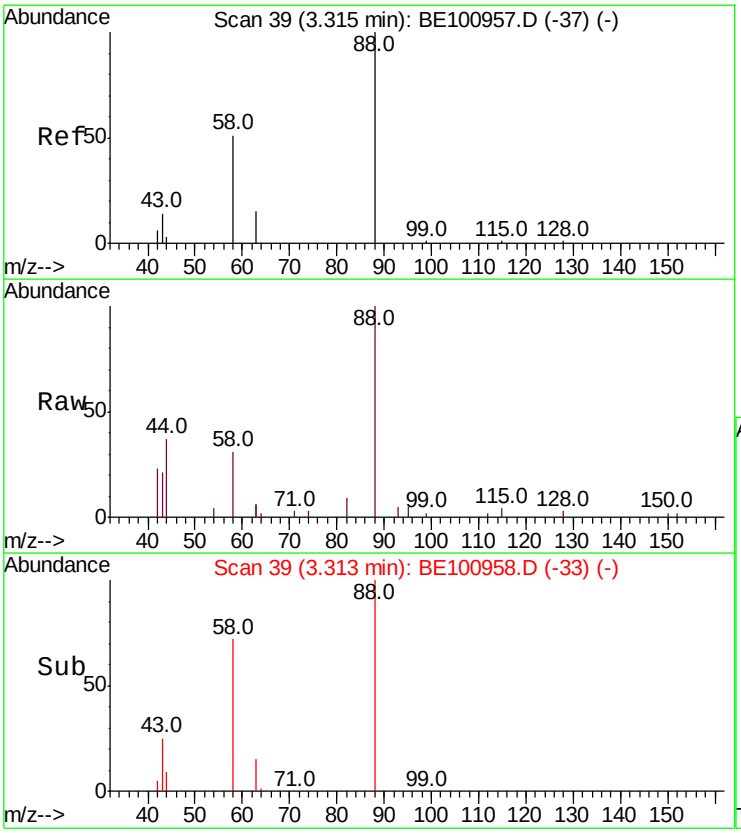
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2248

Ion	Ratio	Lower	Upper
152	100		
150	152.5	116.7	175.1
115	72.8	55.7	83.5

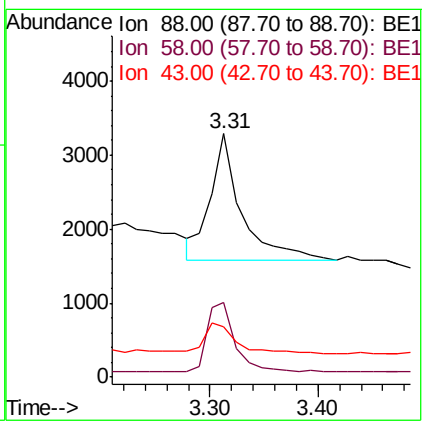


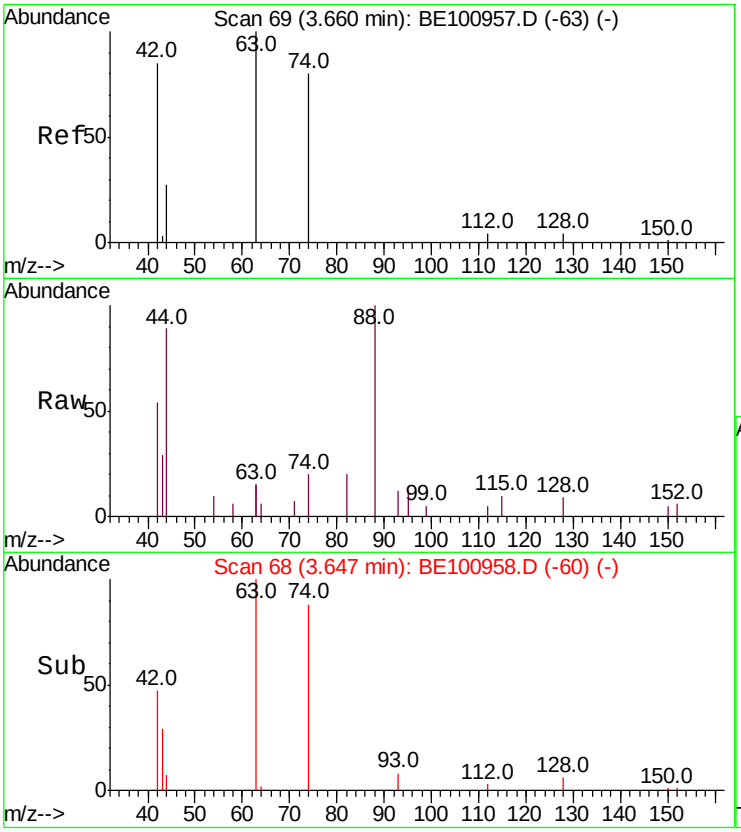


#2
1,4-Dioxane
Concen: 0.509 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion: 88 Resp: 3478

Ion	Ratio	Lower	Upper
88	100		
58	49.5	38.6	57.8
43	23.2	20.5	30.7



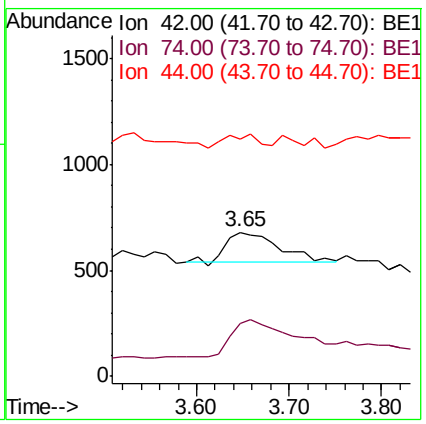


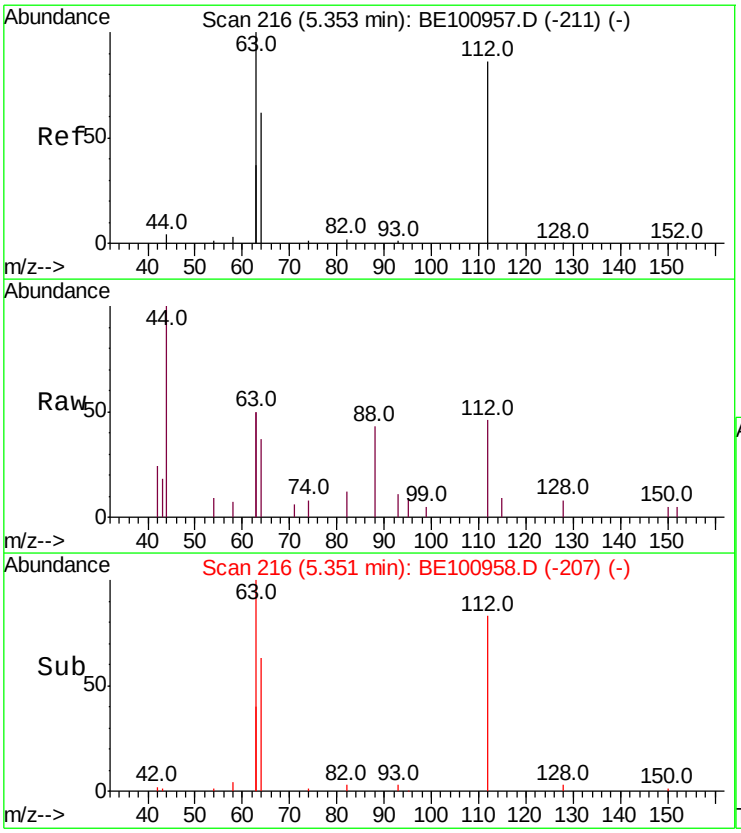
#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 552

Ion	Ratio	Lower	Upper
42	100		
74	159.4	77.8	116.6#
44	26.4	0.0	0.0#

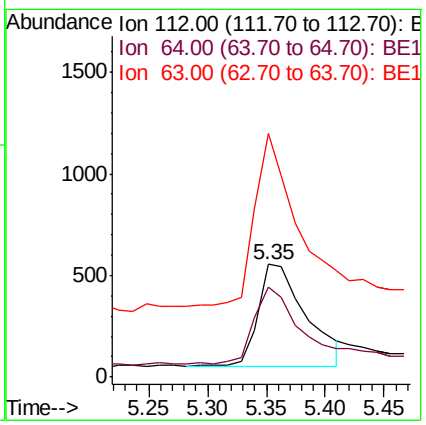


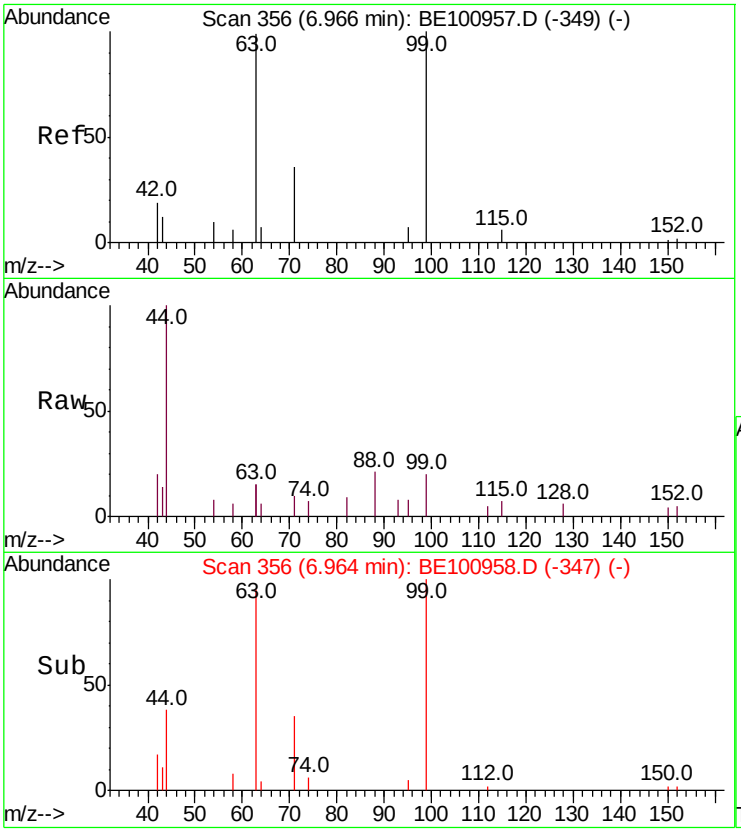


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:112 Resp: 1405

Ion	Ratio	Lower	Upper
112	100		
64	72.0	58.6	88.0
63	153.0	121.0	181.6



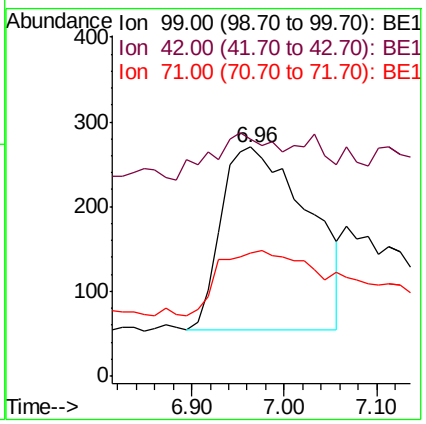


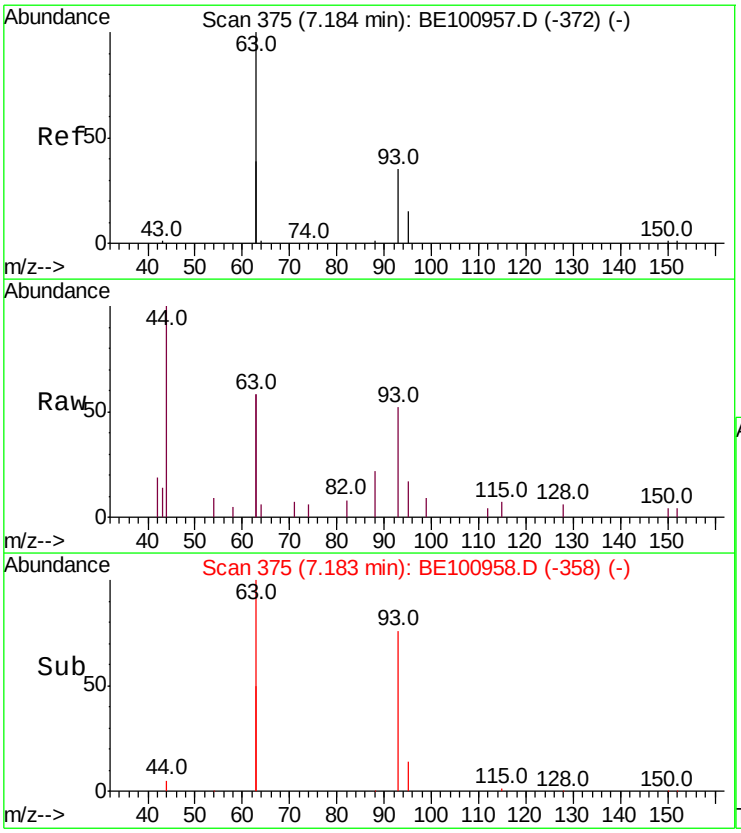
#5
Phenol-d6
Concen: 0.337 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1410

Ion	Ratio	Lower	Upper
99	100		
42	17.9	10.2	15.2#
71	0.0	0.0	0.0

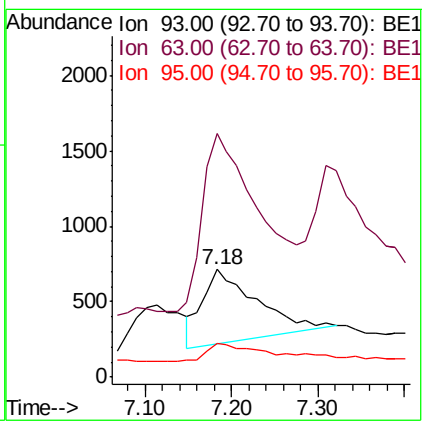


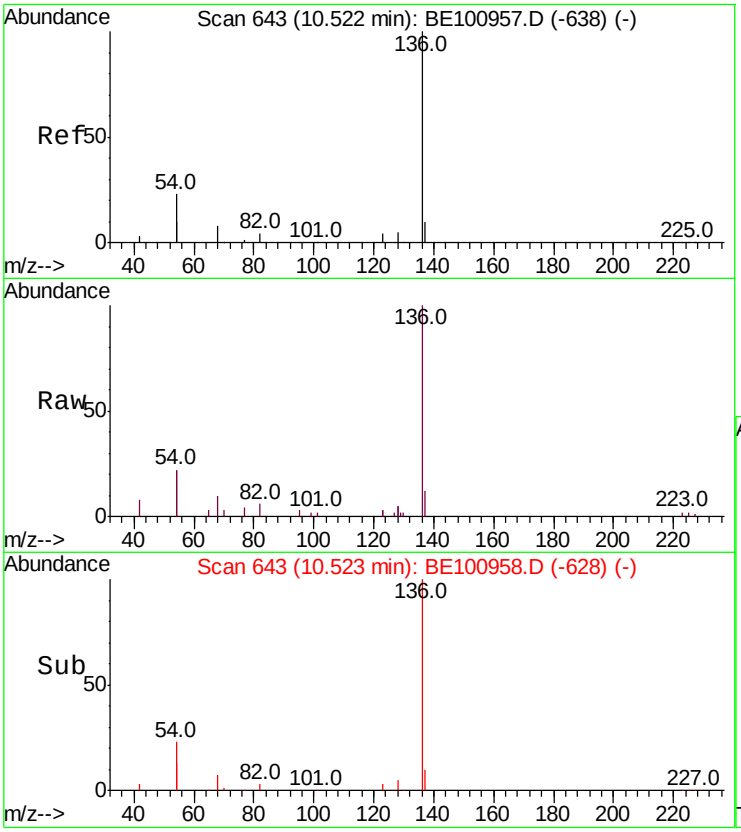


#6
bis(2-Chloroethyl)ether
Concen: 0.449 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion: 93 Resp: 2162

Ion	Ratio	Lower	Upper
93	100		
63	259.8	209.4	314.2
95	25.0	28.6	42.8#



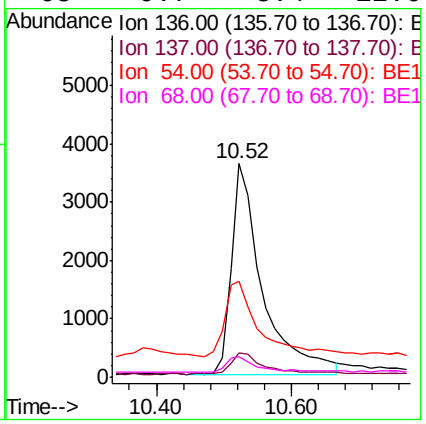


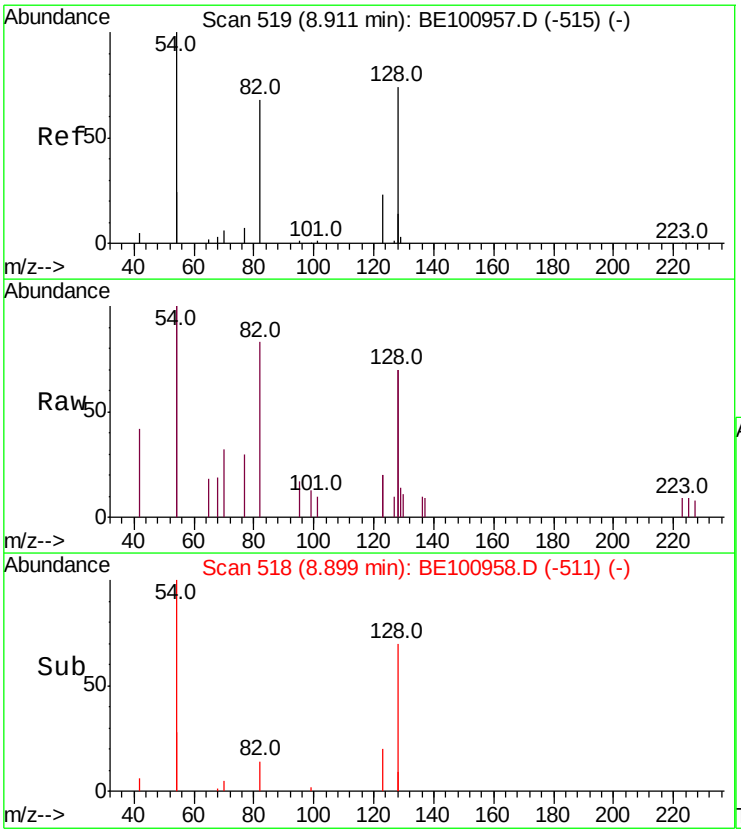
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 11590

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	44.9	36.2	54.4
68	9.7	8.4	12.6

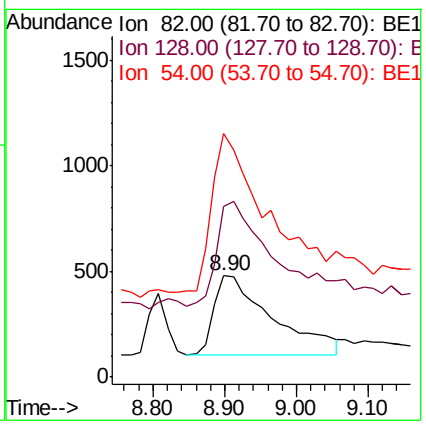


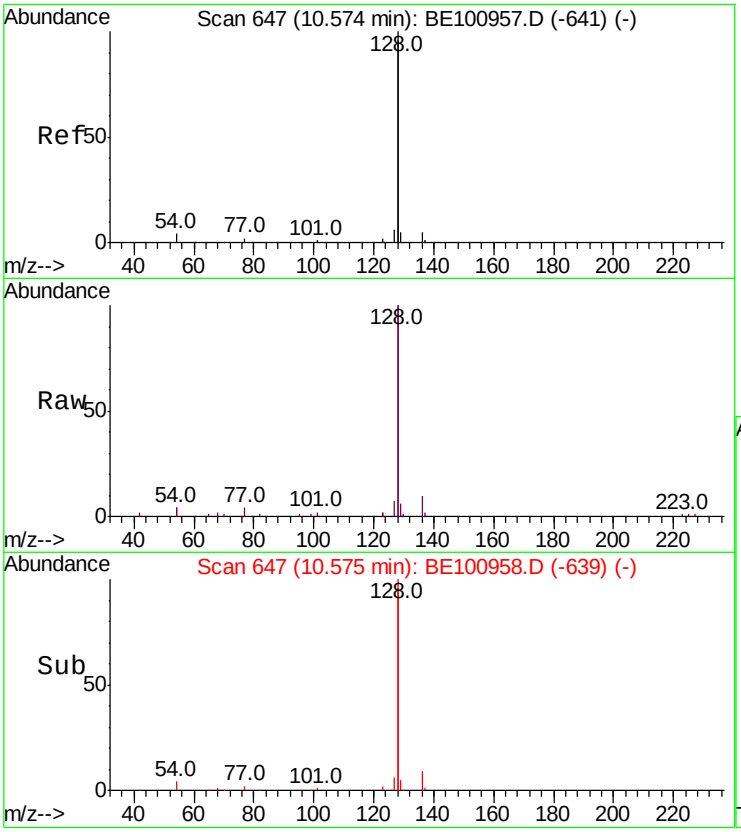


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion: 82 Resp: 2162

Ion	Ratio	Lower	Upper
82	100		
128	168.7	135.0	202.6
54	240.5	182.6	274.0



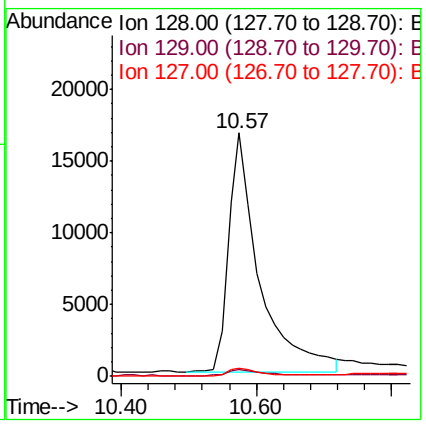


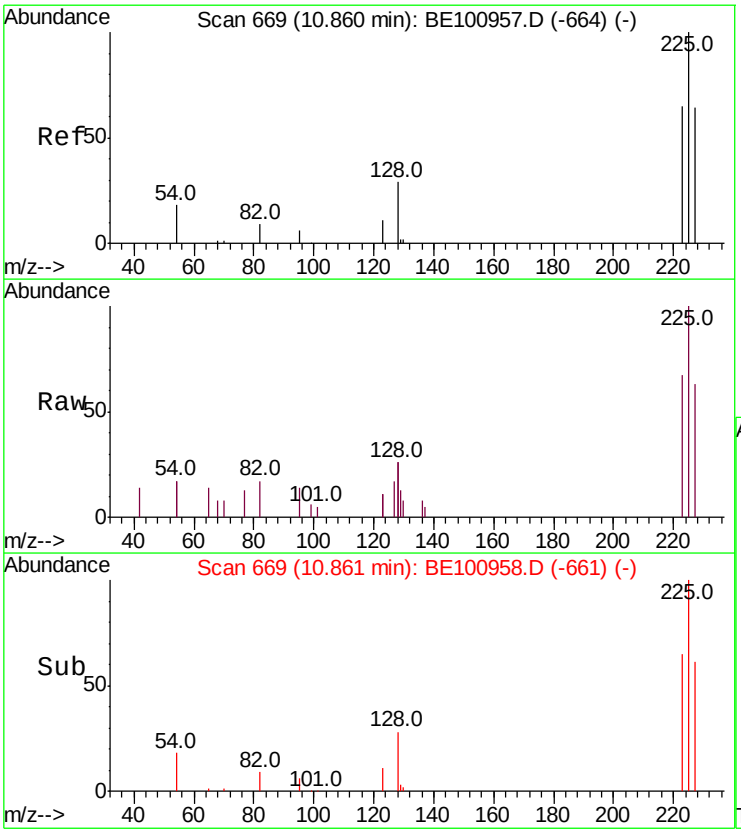
#9
Naphthalene
Concen: 0.422 ng
RT: 10.57 min Scan# 647
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 52840

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.5	2.7	4.1

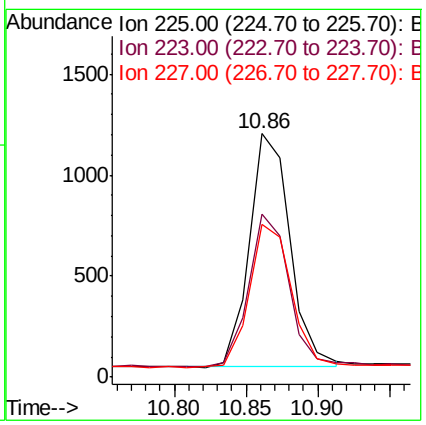


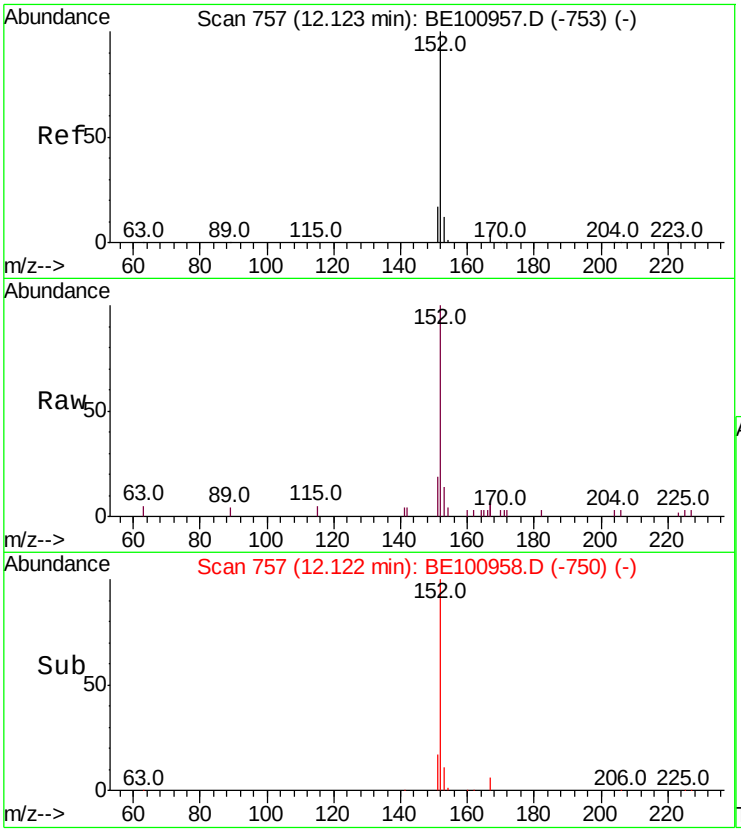


#10
Hexachlorobutadiene
Concen: 0.425 ng
RT: 10.86 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:225 Resp: 2276

Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.4	74.2
227	63.6	50.3	75.5



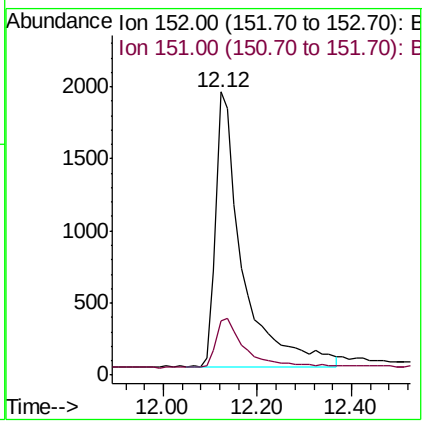


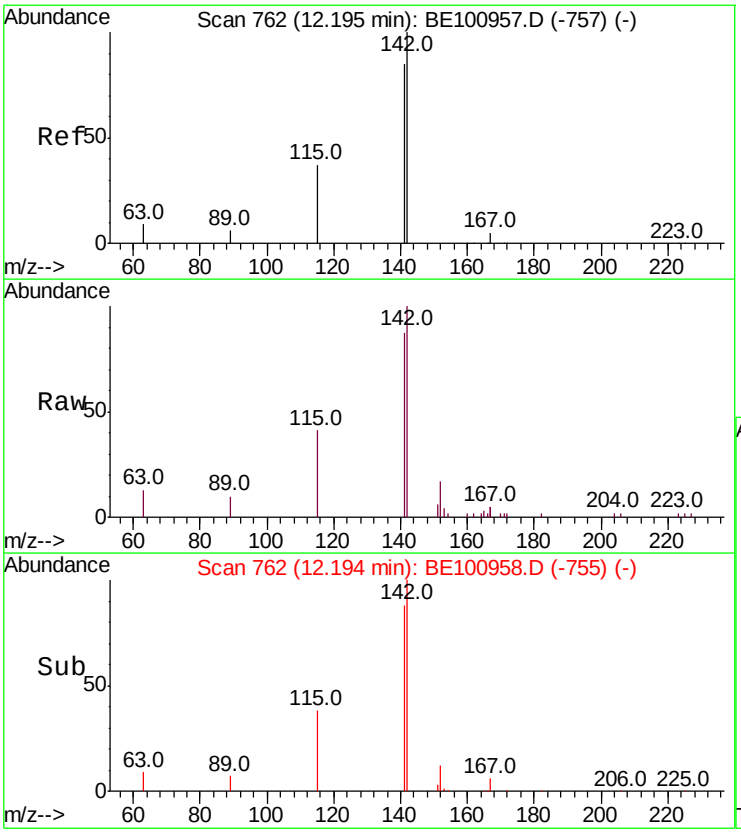
#11
2-Methylnaphthalene-d10
Concen: 0.433 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7554

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.4

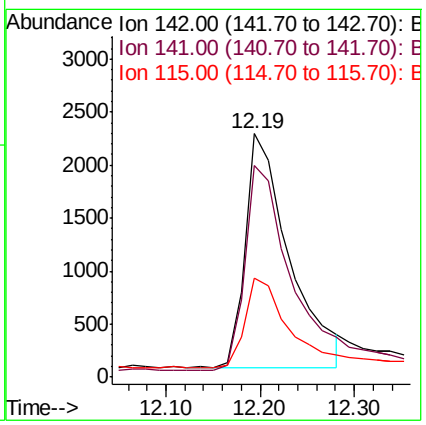


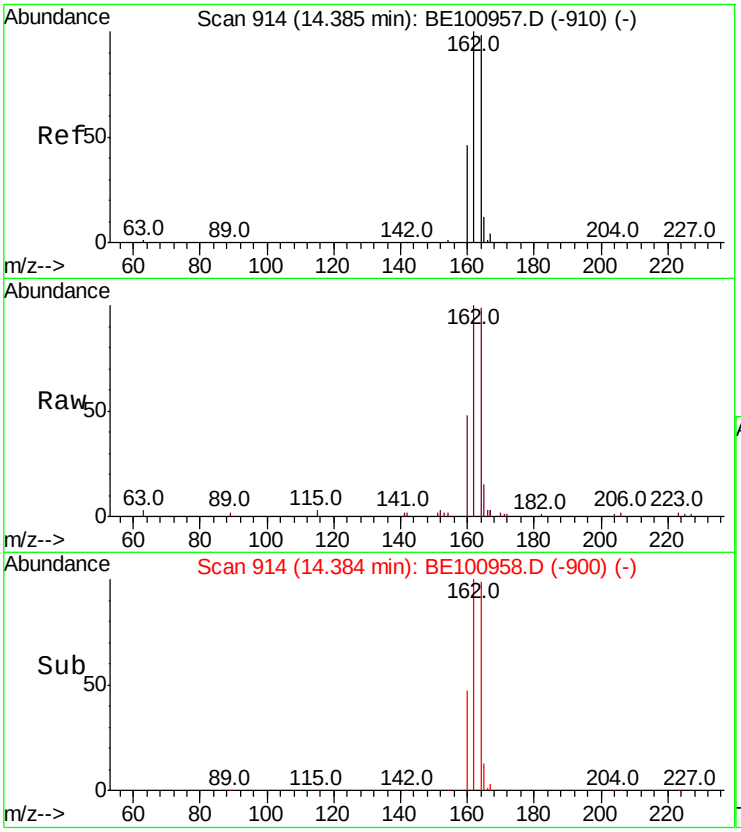


#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:142 Resp: 7210

Ion	Ratio	Lower	Upper
142	100		
141	87.0	67.8	101.8
115	40.7	31.7	47.5



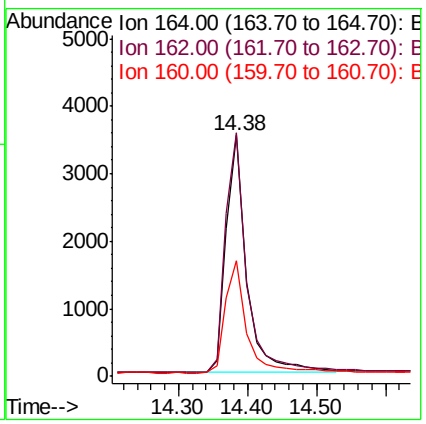


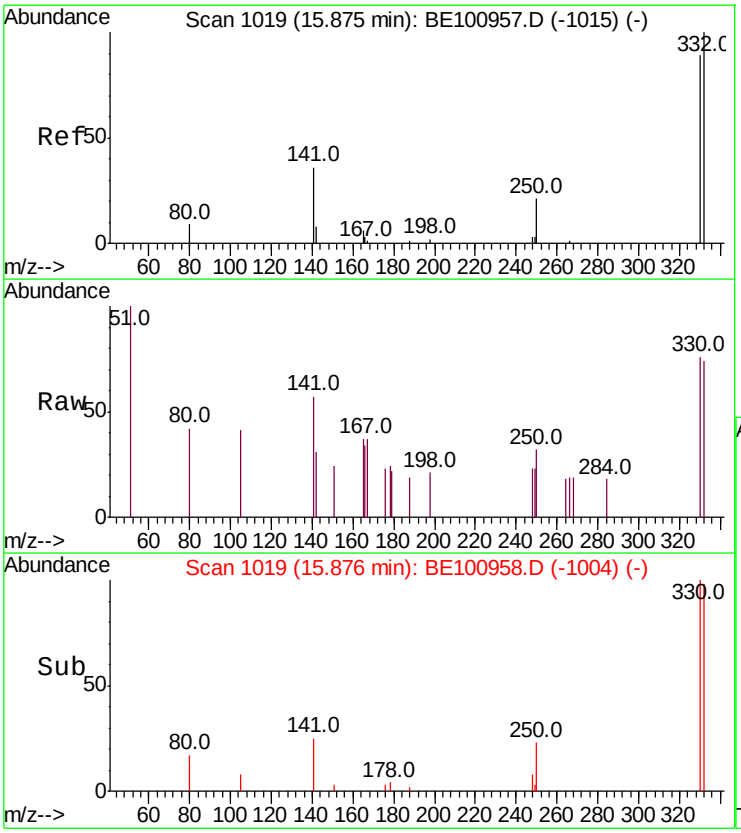
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7309

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.6	122.4
160	48.3	38.5	57.7

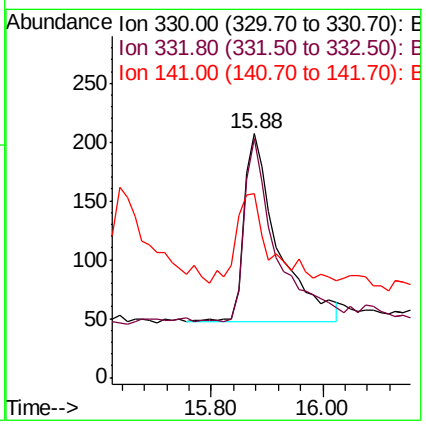


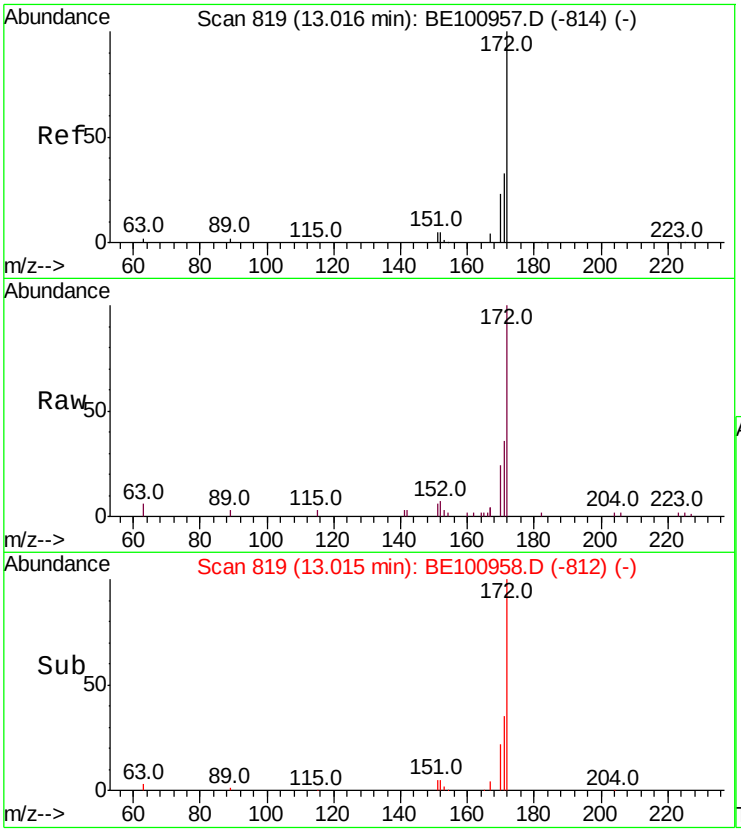


#14
2,4,6-Tribromophenol
Concen: 0.401 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:330 Resp: 680

Ion	Ratio	Lower	Upper
330	100		
332	90.9	84.2	126.2
141	47.8	39.3	58.9



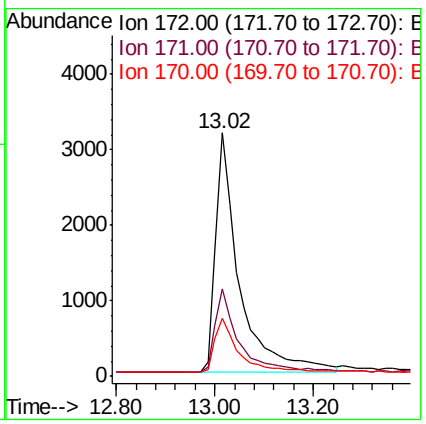


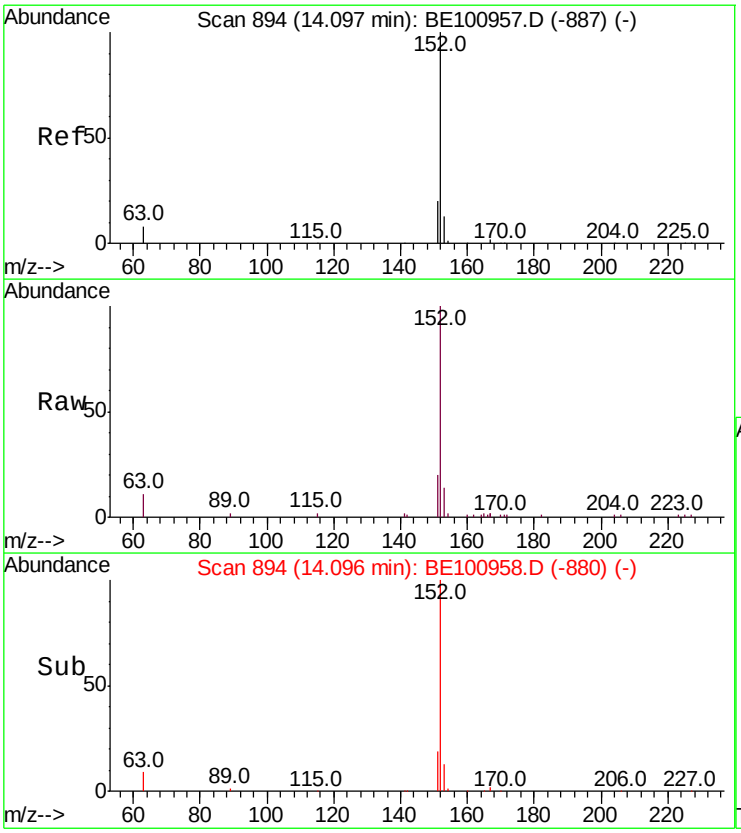
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10529

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.5	41.3
170	23.8	19.8	29.6

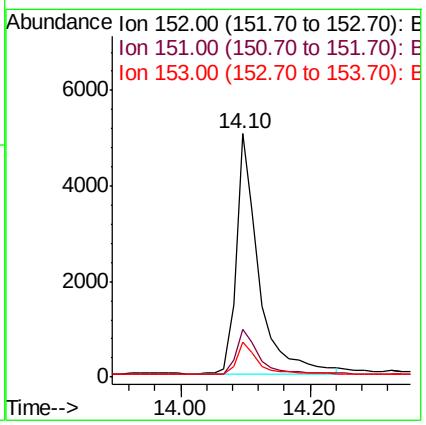


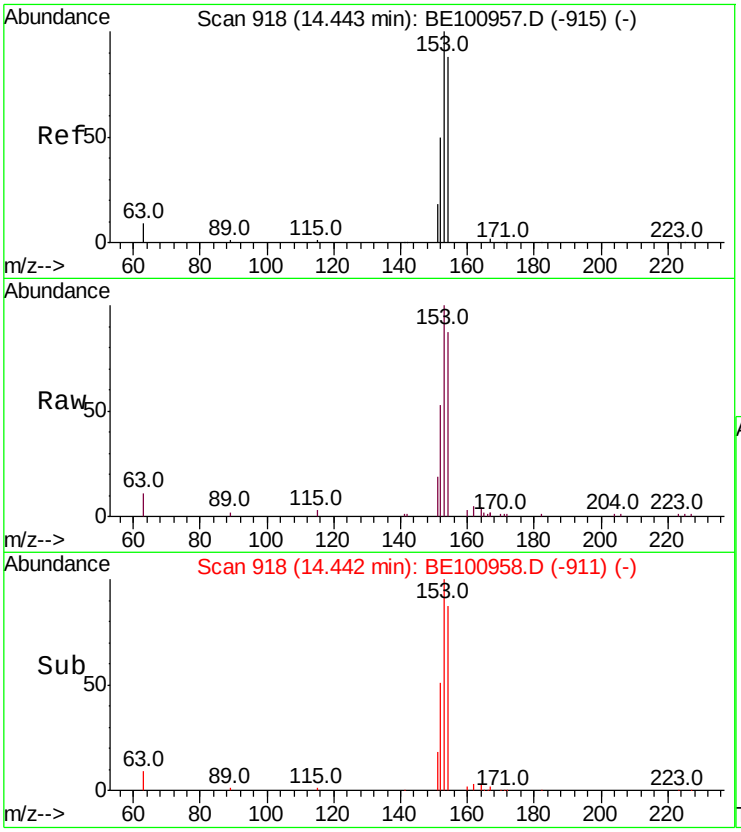


#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:152 Resp: 11981

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.0	22.4
153	13.0	10.6	16.0



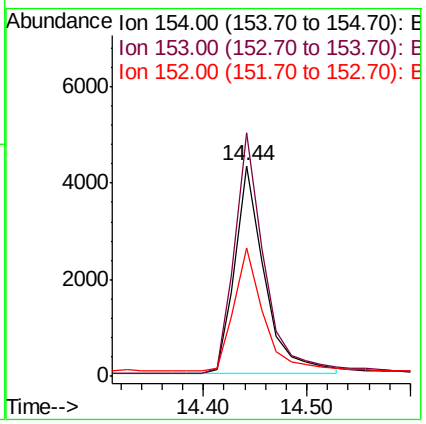


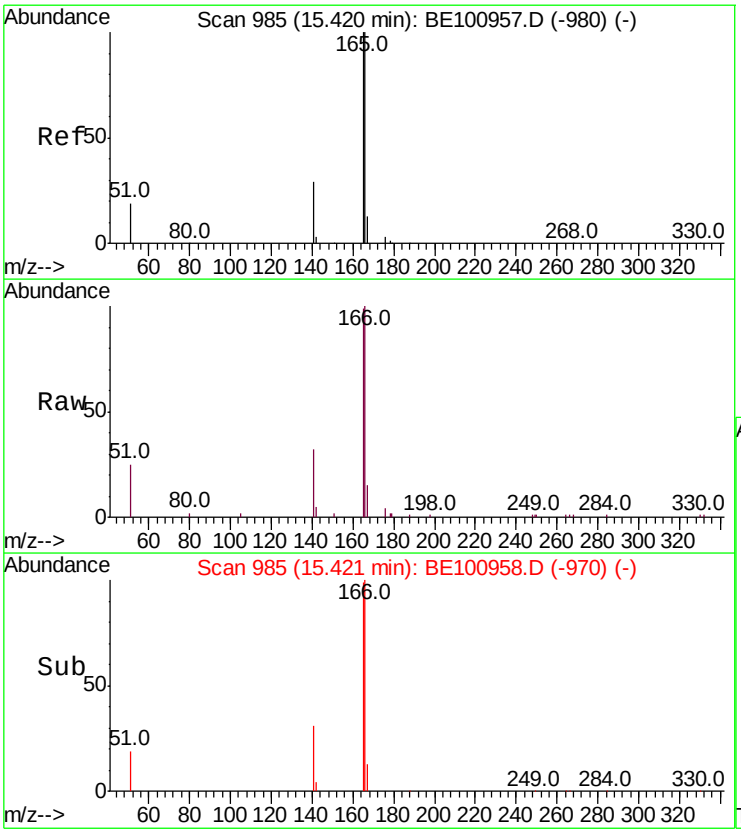
#17
Acenaphthene
Concen: 0.420 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8598

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.3	138.5
152	58.8	46.4	69.6

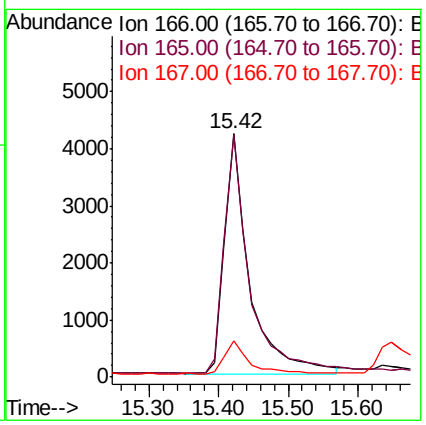


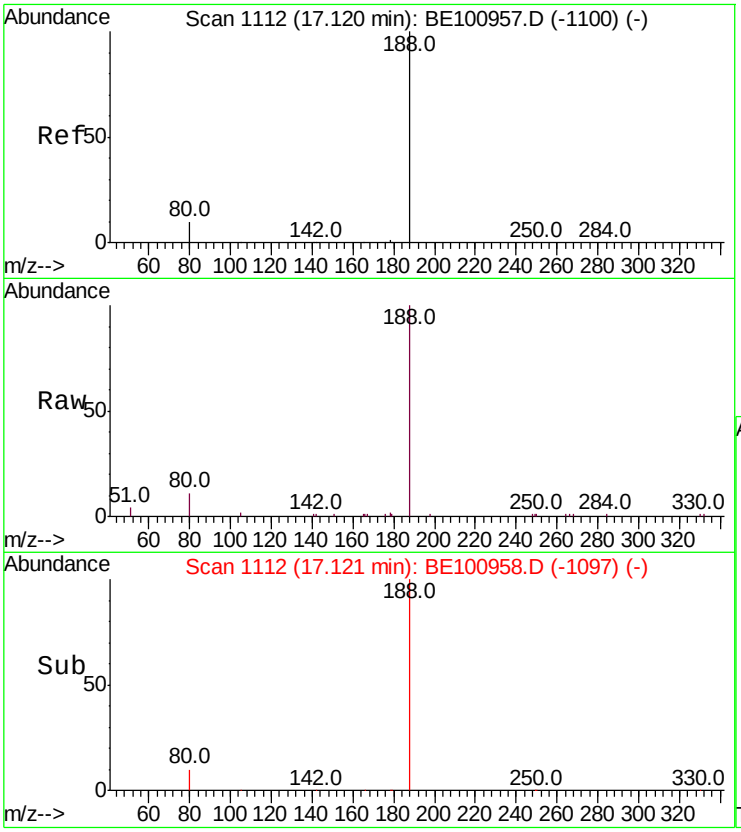


#18
Fluorene
Concen: 0.406 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:166 Resp: 10529

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.4
167	13.5	10.6	16.0



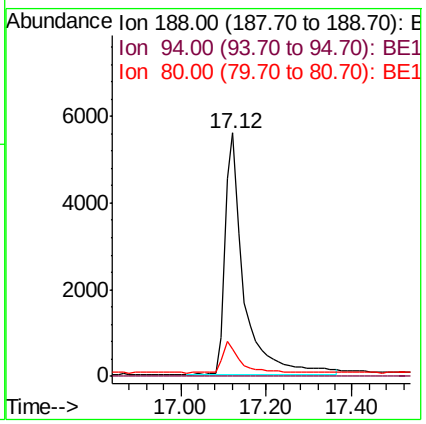


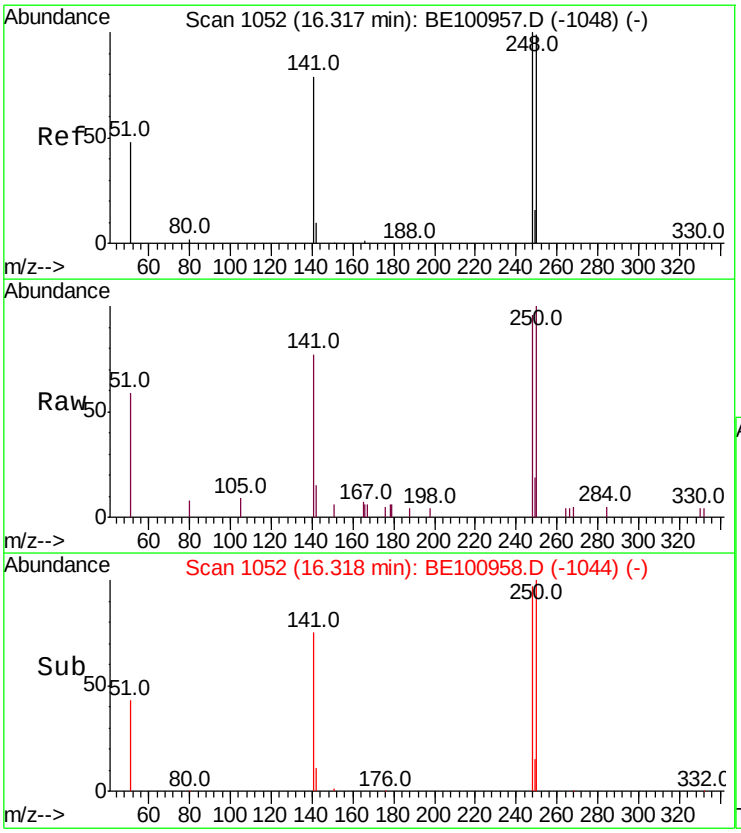
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 16698

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	9.5	14.3

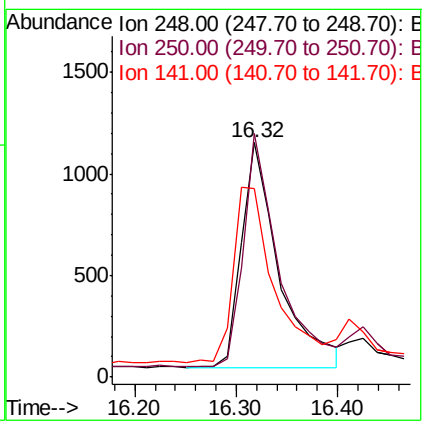


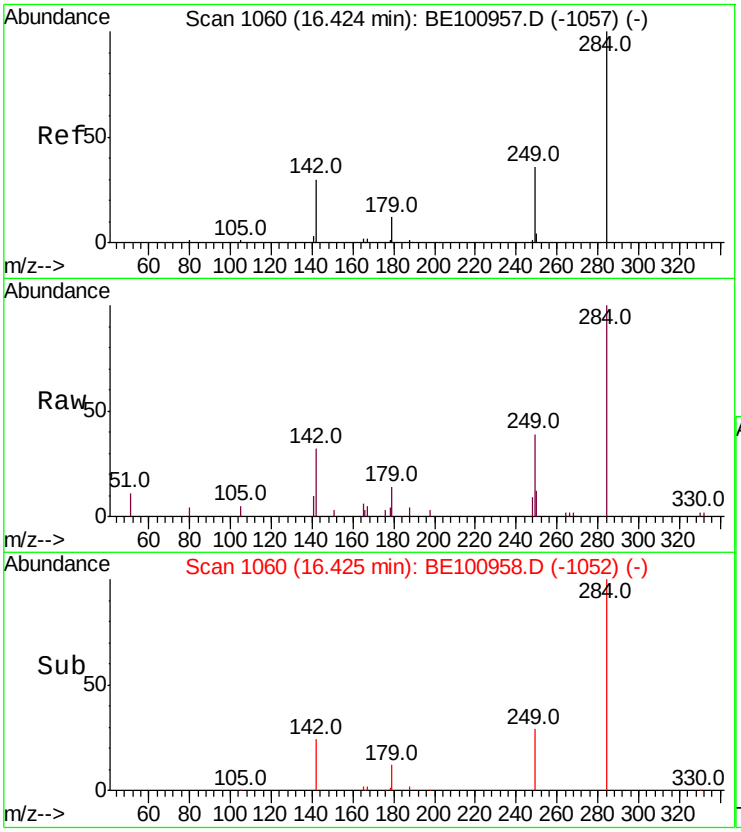


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:248 Resp: 2836

Ion	Ratio	Lower	Upper
248	100		
250	104.0	79.5	119.3
141	80.5	66.6	100.0



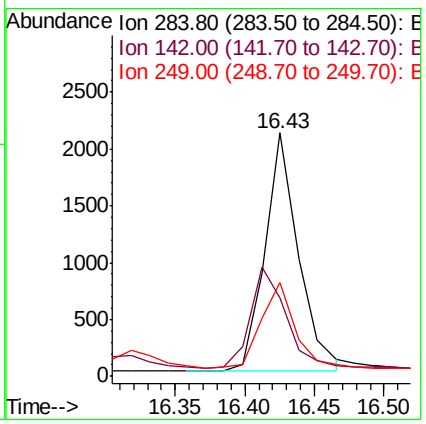


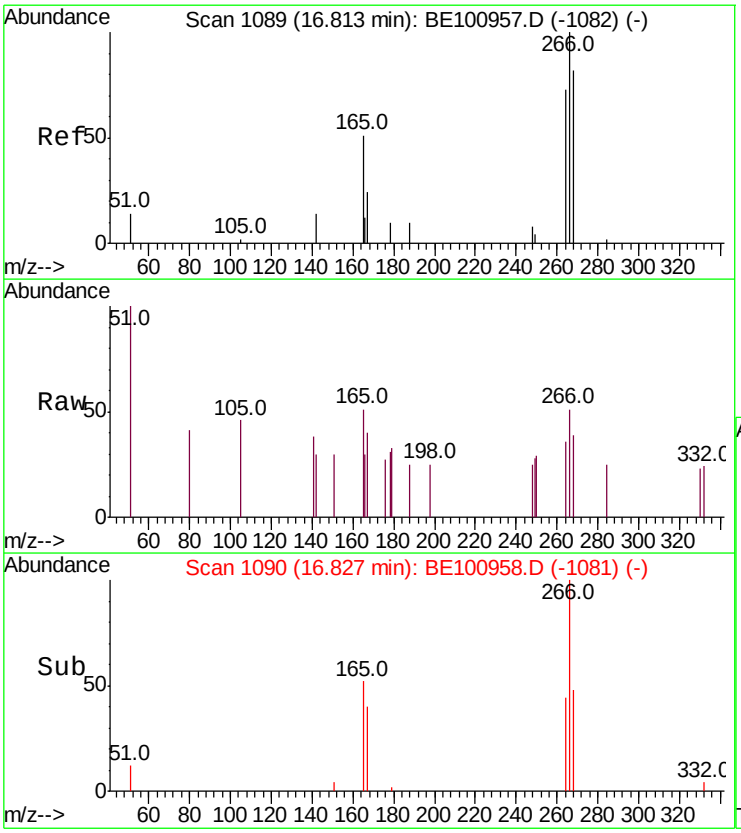
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3514

Ion	Ratio	Lower	Upper
284	100		
142	44.1	33.8	50.6
249	35.3	26.7	40.1

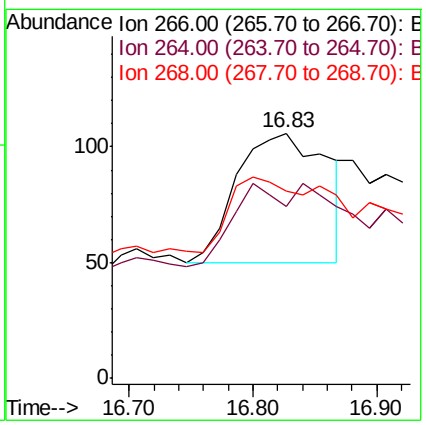


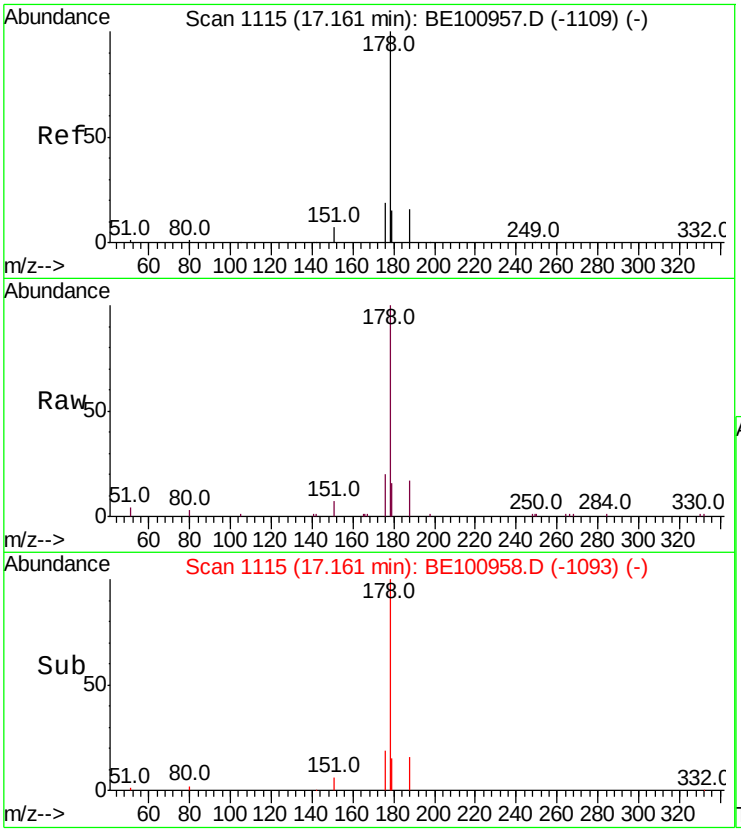


#22
Pentachlorophenol
Concen: 0.367 ng
RT: 16.83 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:266 Resp: 283

Ion	Ratio	Lower	Upper
266	100		
264	69.8	64.5	96.7
268	76.4	74.6	111.8



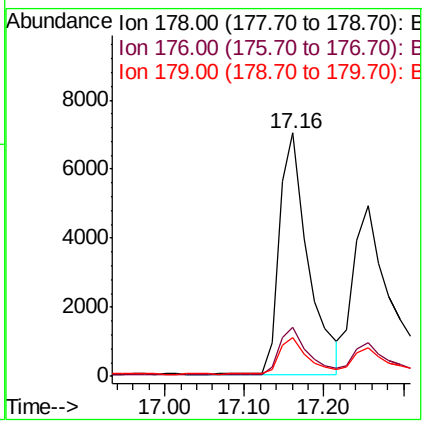


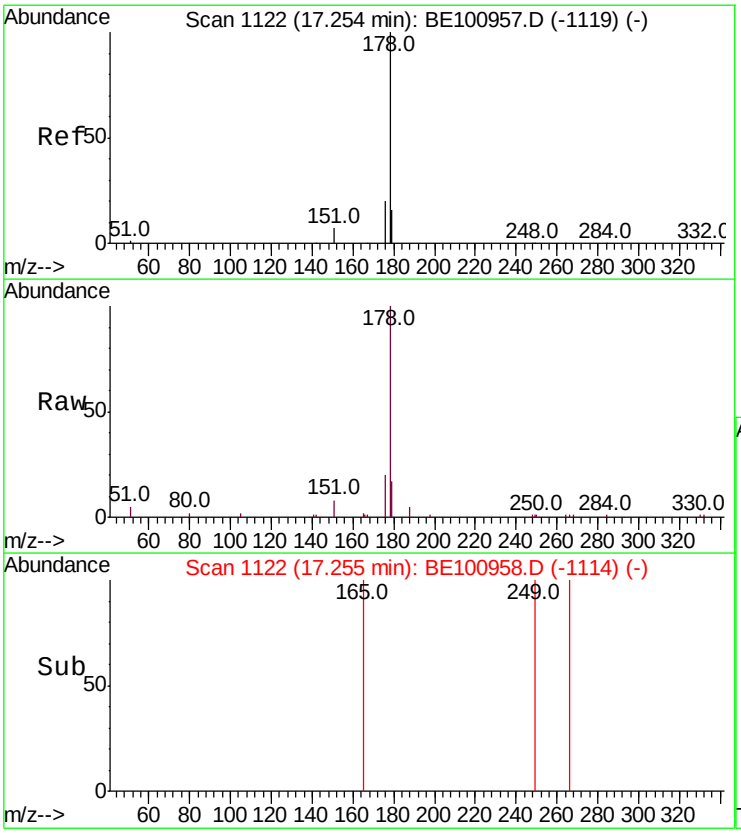
#23
Phenanthrene
Concen: 0.403 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 17559

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	14.9	12.5	18.7

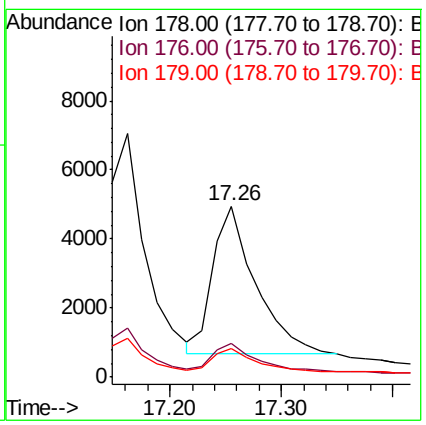


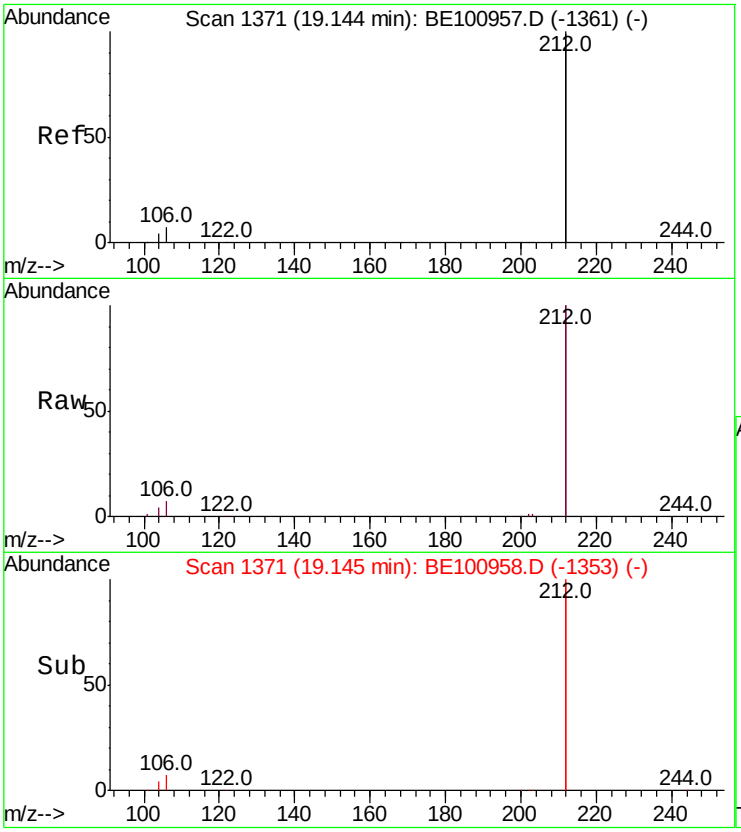


#24
Anthracene
Concen: 0.408 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:178 Resp: 11405

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.1	12.0	18.0



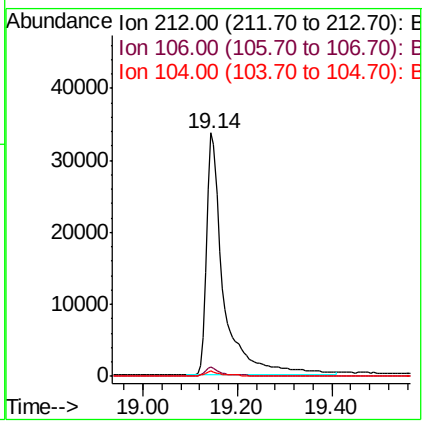


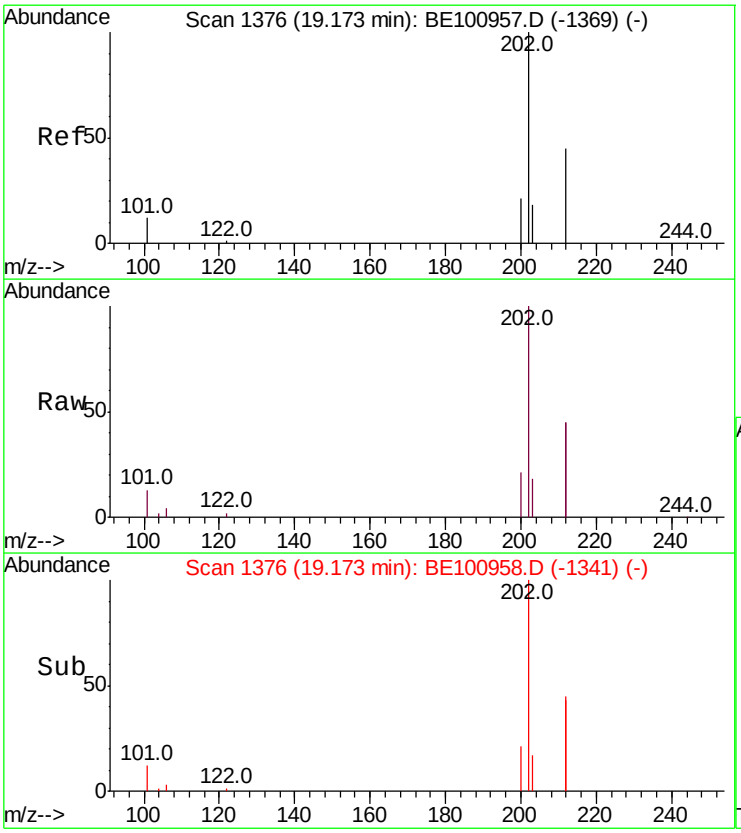
#25
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 83688

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.8	1.4	2.2

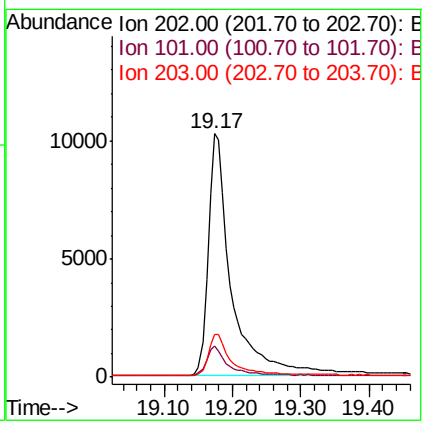


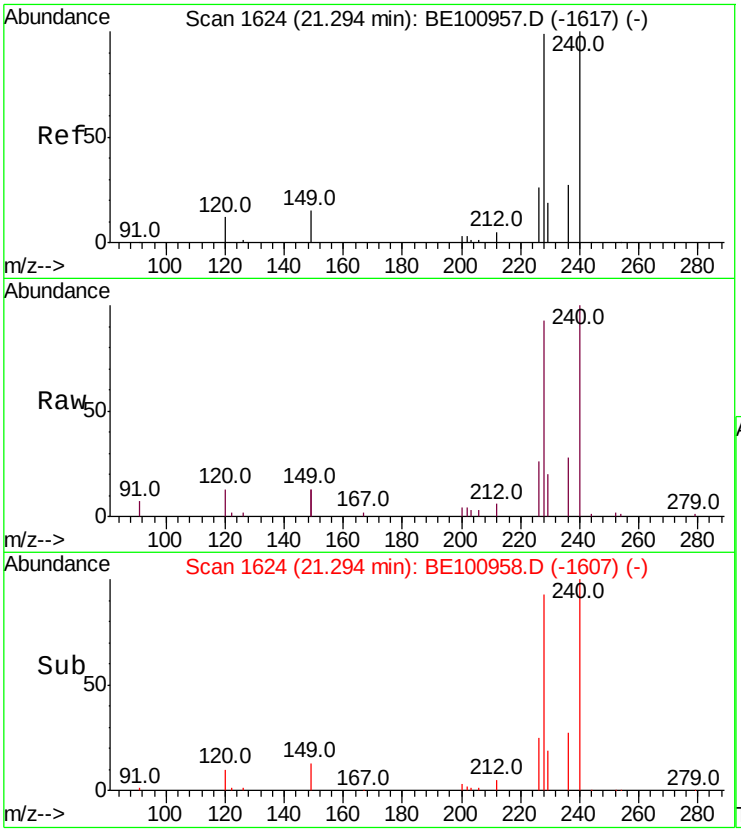


#26
Fluoranthene
Concen: 0.403 ng
RT: 19.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:202 Resp: 24374

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.6
203	16.4	13.4	20.0



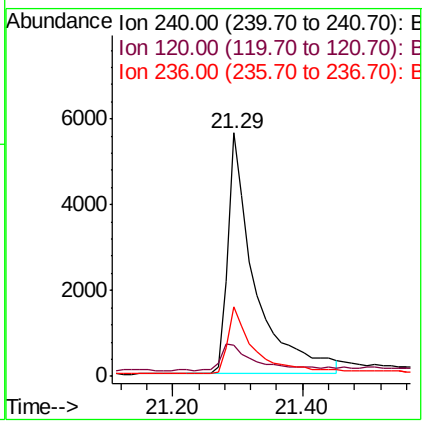


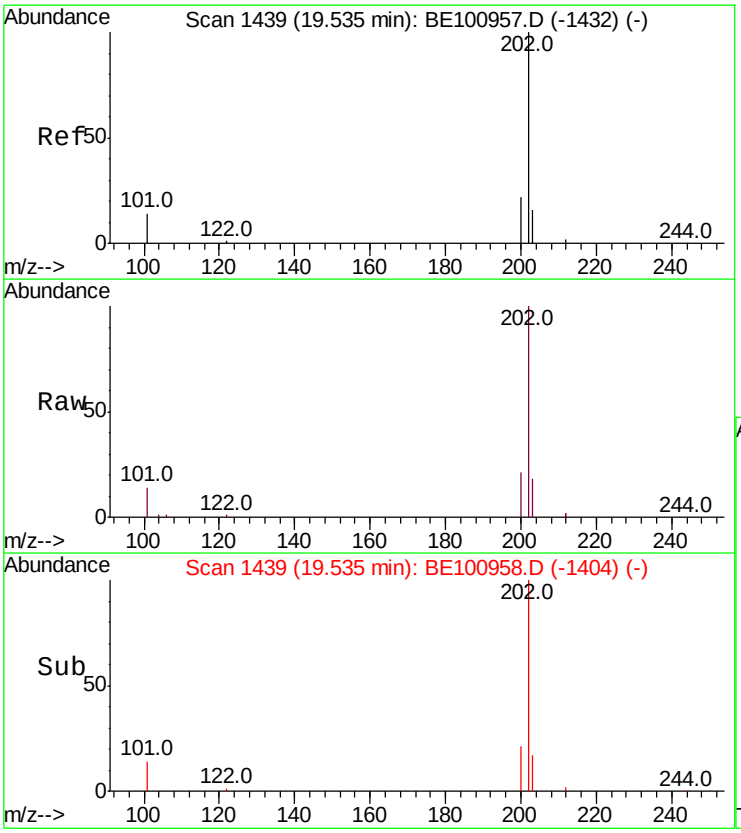
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16427

Ion	Ratio	Lower	Upper
240	100		
120	12.9	11.5	17.3
236	28.4	22.8	34.2

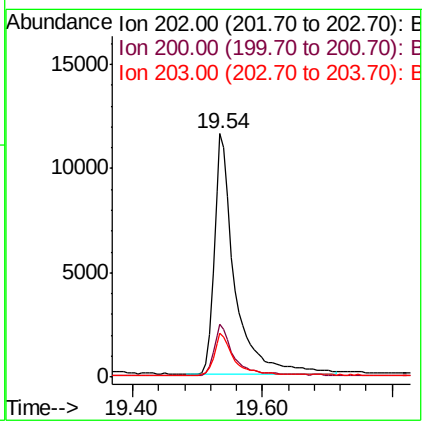


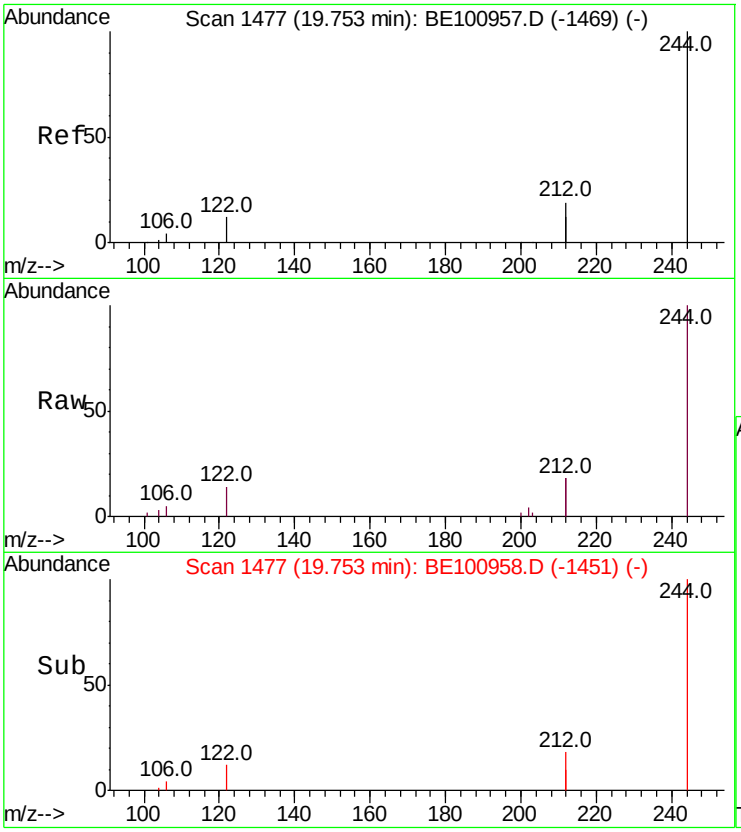


#28
Pyrene
Concen: 0.438 ng
RT: 19.54 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:202 Resp: 25708

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.4	24.6
203	17.6	13.8	20.8



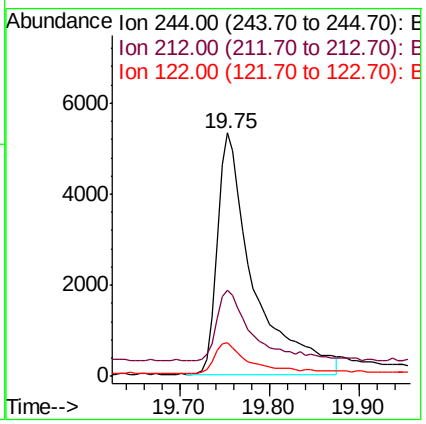


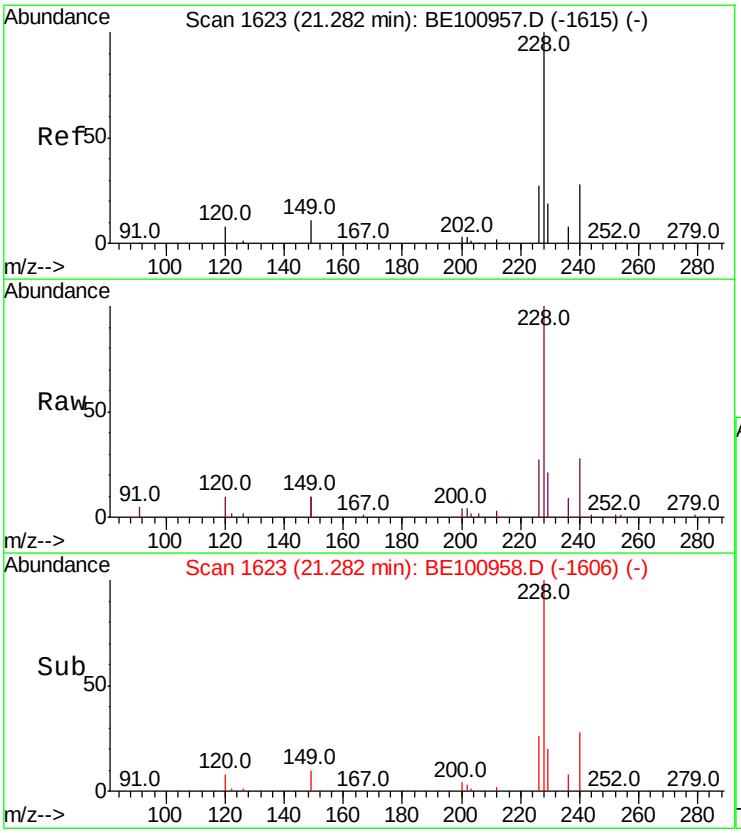
#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.75 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14778

Ion	Ratio	Lower	Upper
244	100		
212	35.2	30.2	45.2
122	13.7	10.7	16.1

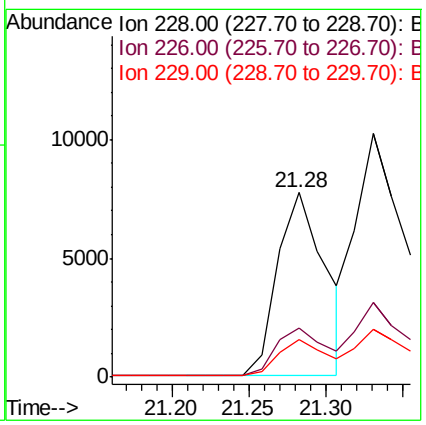


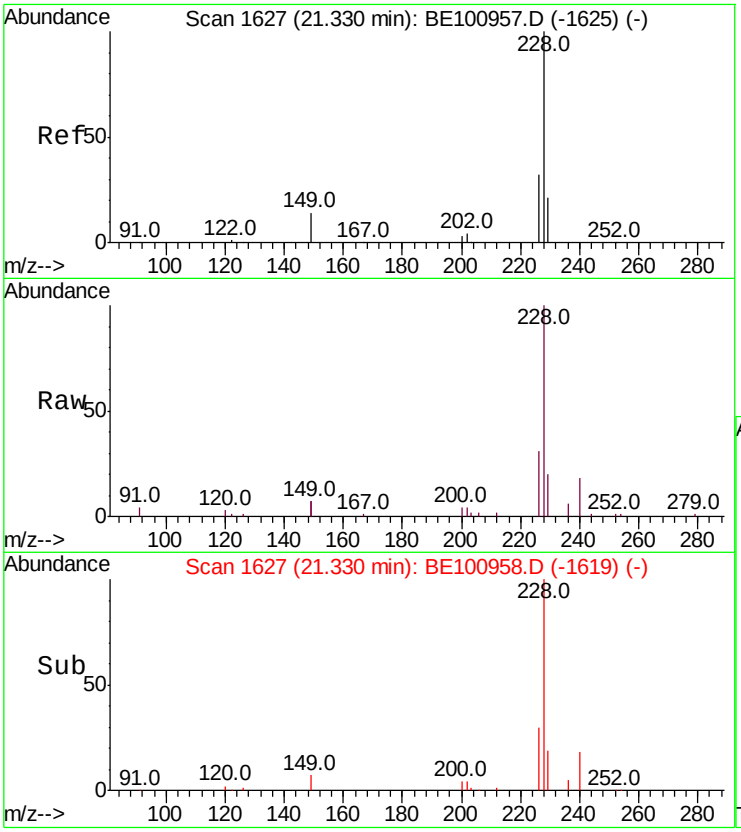


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:228 Resp: 16711

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.9	32.9
229	20.6	15.9	23.9



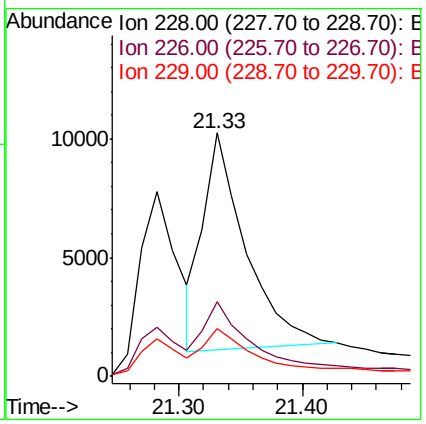


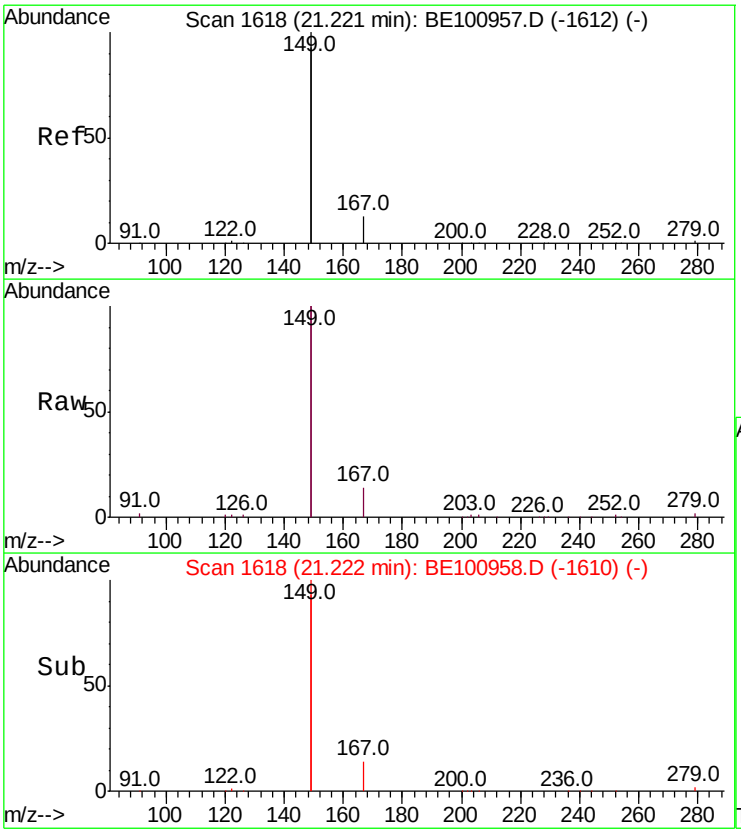
#31
Chrysene
Concen: 0.404 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 21899

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	19.7	16.6	24.8

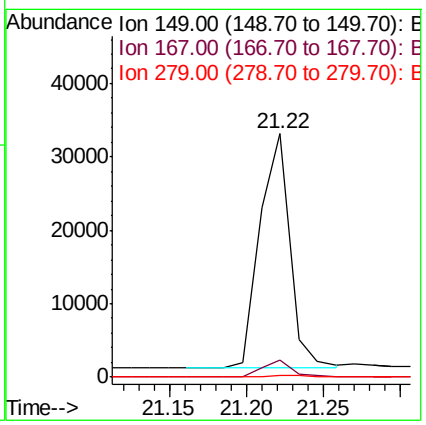


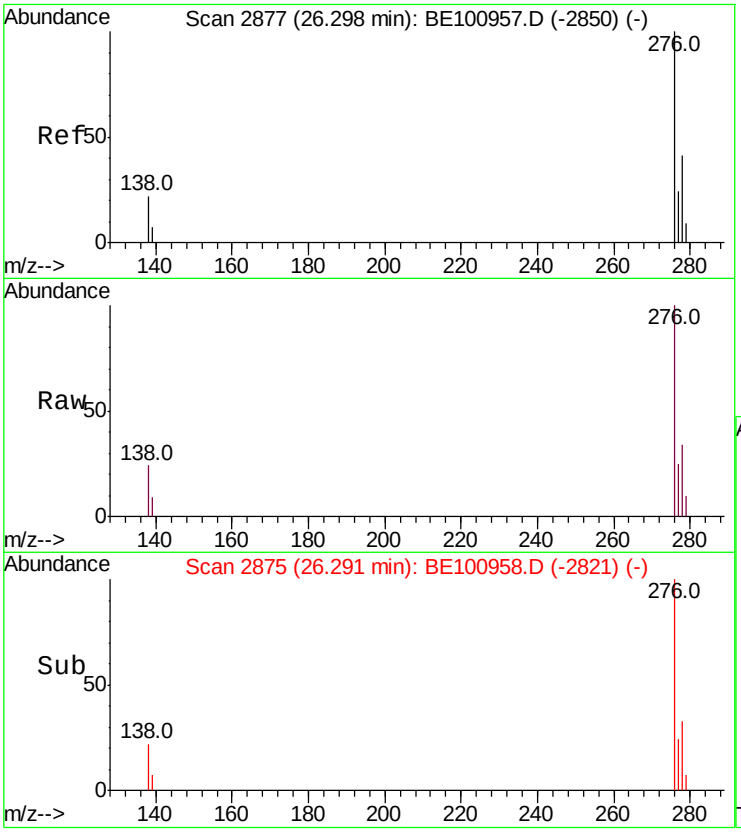


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.321 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:149 Resp: 43488

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.6
279	0.8	0.7	1.1



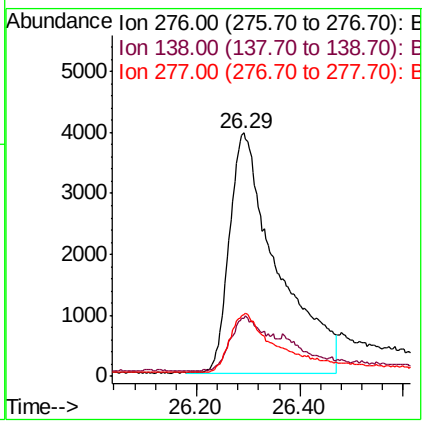


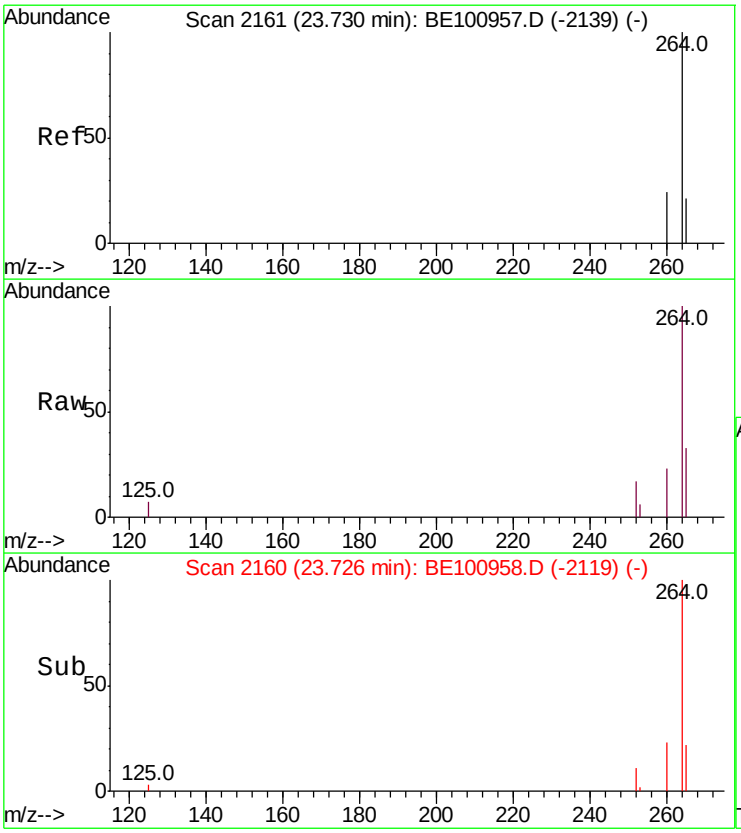
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng
RT: 26.29 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 25272

Ion	Ratio	Lower	Upper
276	100		
138	17.3	9.0	13.4#
277	25.0	5.9	8.9#

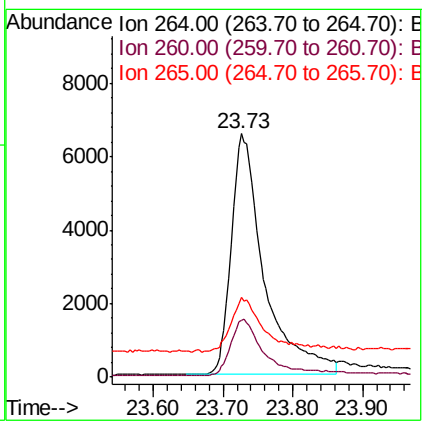


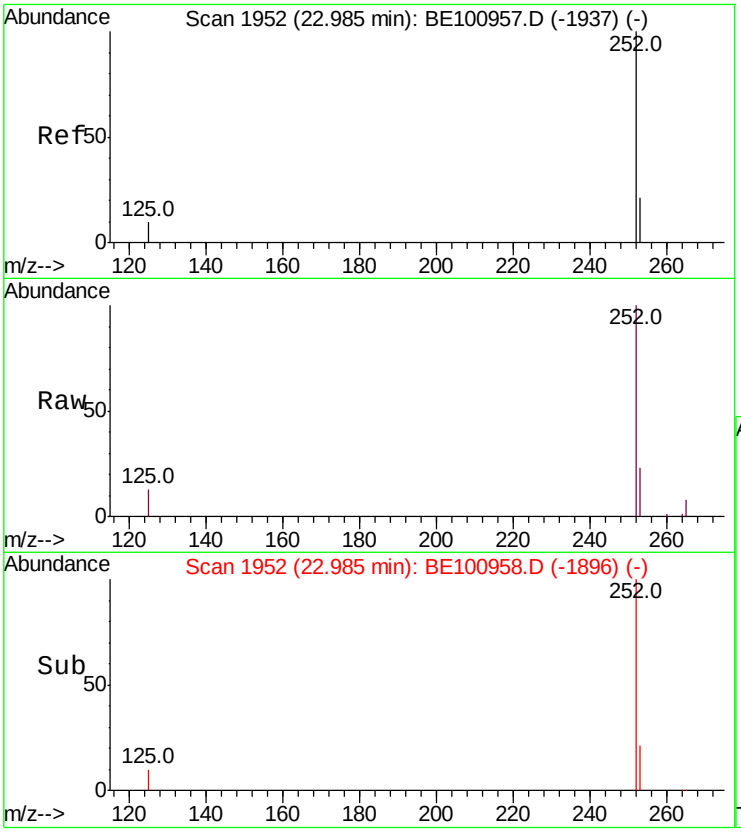


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:264 Resp: 21493

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	32.5	26.4	39.6



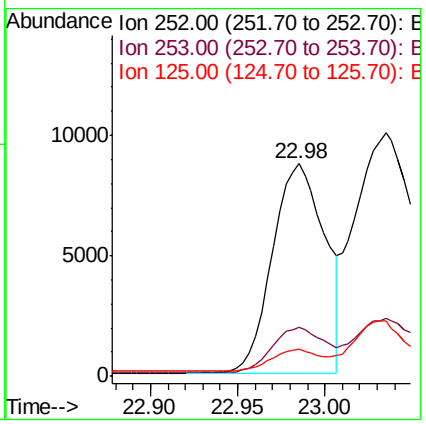


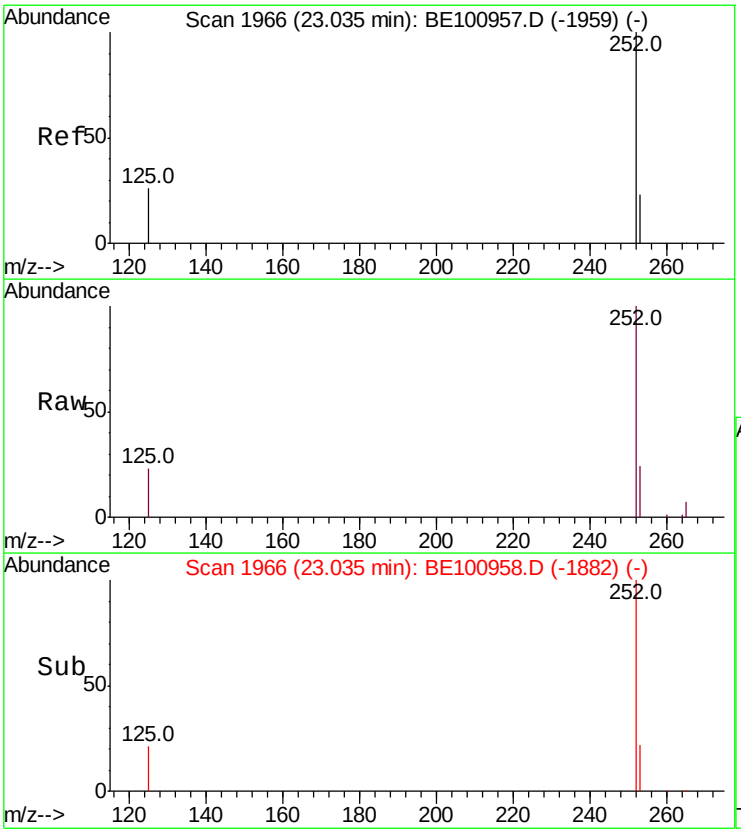
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.98 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18097

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	12.7	10.2	15.2

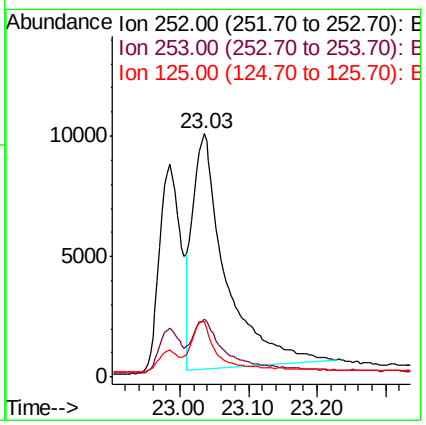


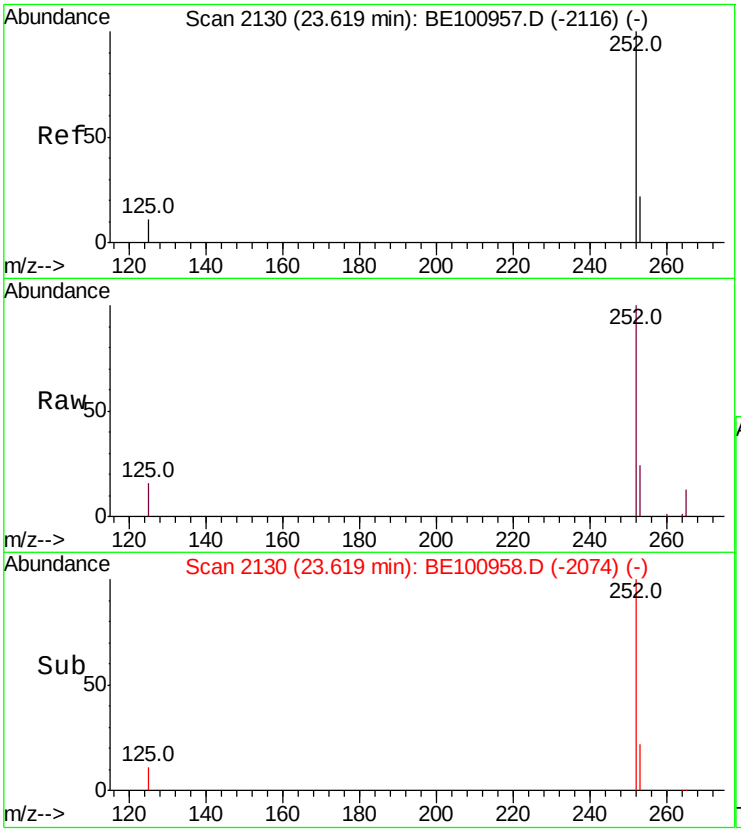


#36
Benzo(k)fluoranthene
Concen: 0.515 ng
RT: 23.03 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:252 Resp: 32737

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	23.0	17.9	26.9



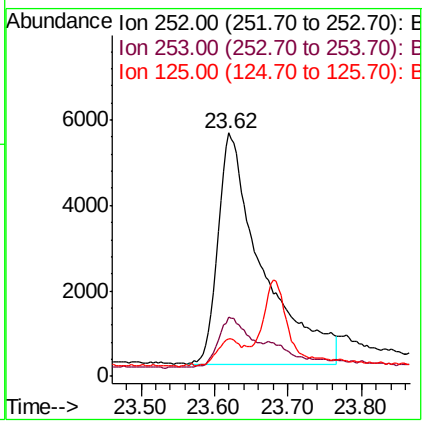


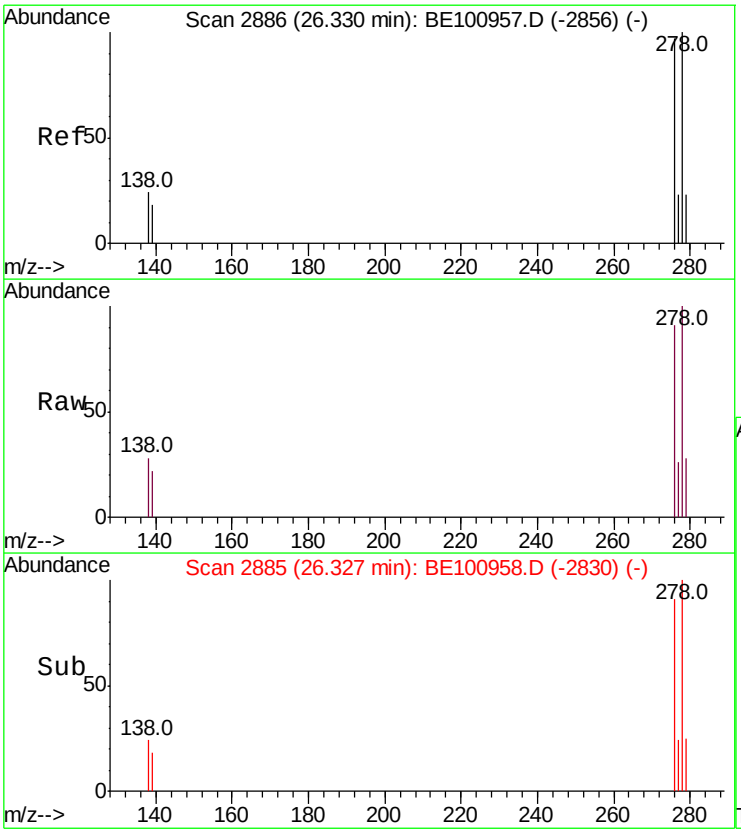
#37
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22676

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.9	29.9
125	15.5	12.3	18.5

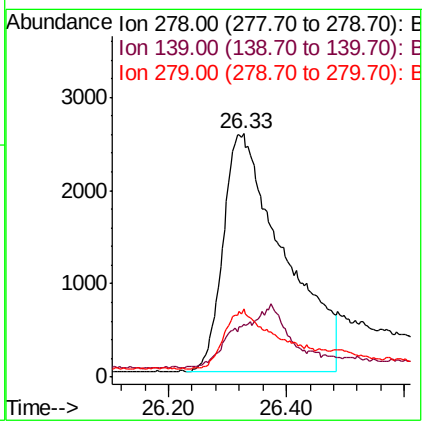


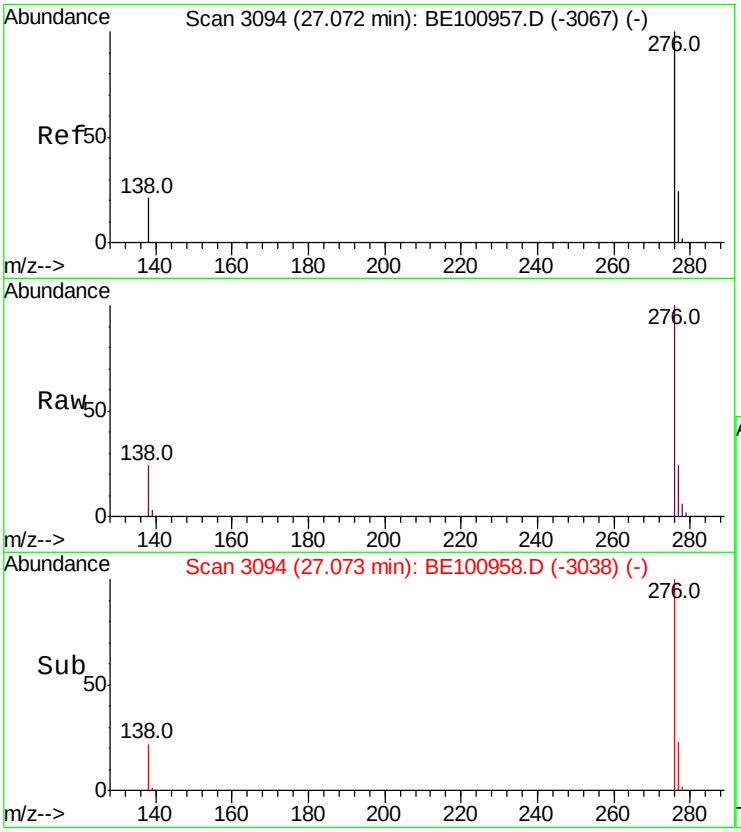


#38
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.33 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:278 Resp: 18143

Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.0	25.6
279	28.0	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.428 ng
RT: 27.07 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24169

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.9	29.9
138	23.7	18.4	27.6