Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100605.D
Acq On : 8 Oct 2019 13:00
Operator : JU
Sample : PB123706BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 09 01:45:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3768	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	17474	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	10512	0.40	ng		0.00
19) Phenanthrene-d10	17.18	188	23693	0.40	ng		0.00
27) Chrysene-d12	21.33	240	28947	0.40	ng		0.00
34) Perylene-d12	23.78	264	35212	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	3570	0.35	ng		0.00
5) Phenol-d6	6.99	99	4621	0.36	ng		0.00
8) Nitrobenzene-d5	8.96	82	3797	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	10222	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.93	330	749	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	14785	0.39	ng		0.00
25) Fluoranthene-d10	19.20	212	106880	0.37	ng		0.00
29) Terphenyl-d14	19.79	244	26796	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	2405	0.379	ng		96
3) n-Nitrosodimethylamine	3.62	42	989	0.331	ng	#	87
6) bis(2-Chloroethyl)ether	7.24	93	4514	0.381	ng		98
9) Naphthalene	10.65	128	71877	0.399	ng		100
10) Hexachlorobutadiene	10.95	225	2310	0.397	ng		100
12) 2-Methylnaphthalene	12.28	142	11650	0.393	ng		96
16) Acenaphthylene	14.17	152	15916	0.356	ng		100
17) Acenaphthene	14.51	154	11231	0.376	ng		99
18) Fluorene	15.49	166	14352	0.376	ng		99
20) 4-Bromophenyl-phenylether	16.37	248	4425	0.377	ng		92
21) Hexachlorobenzene	16.49	284	3825	0.387	ng		97
22) Pentachlorophenol	16.84	266	525	0.454	ng		97
23) Phenanthrene	17.22	178	27076	0.402	ng		99
24) Anthracene	17.31	178	20061	0.346	ng		100
26) Fluoranthene	19.22	202	31406	0.378	ng		100
28) Pyrene	19.59	202	32110	0.433	ng		100
30) Benzo(a)anthracene	21.32	228	29684	0.367	ng		99
31) Chrysene	21.37	228	34486	0.398	ng		96
32) Bis(2-ethylhexyl)phthalate	21.26	149	36803	0.238	ng		100
33) Indeno(1,2,3-cd)pyrene	26.37	276	38392	0.377	ng		99
35) Benzo(b)fluoranthene	23.04	252	33015	0.346	ng		100
36) Benzo(k)fluoranthene	23.08	252	41548	0.383	ng		98
37) Benzo(a)pyrene	23.67	252	30510	0.348	ng		99
38) Dibenzo(a,h)anthracene	26.40	278	31972	0.347	ng		98
39) Benzo(g,h,i)perylene	27.16	276	33383	0.358	ng		100

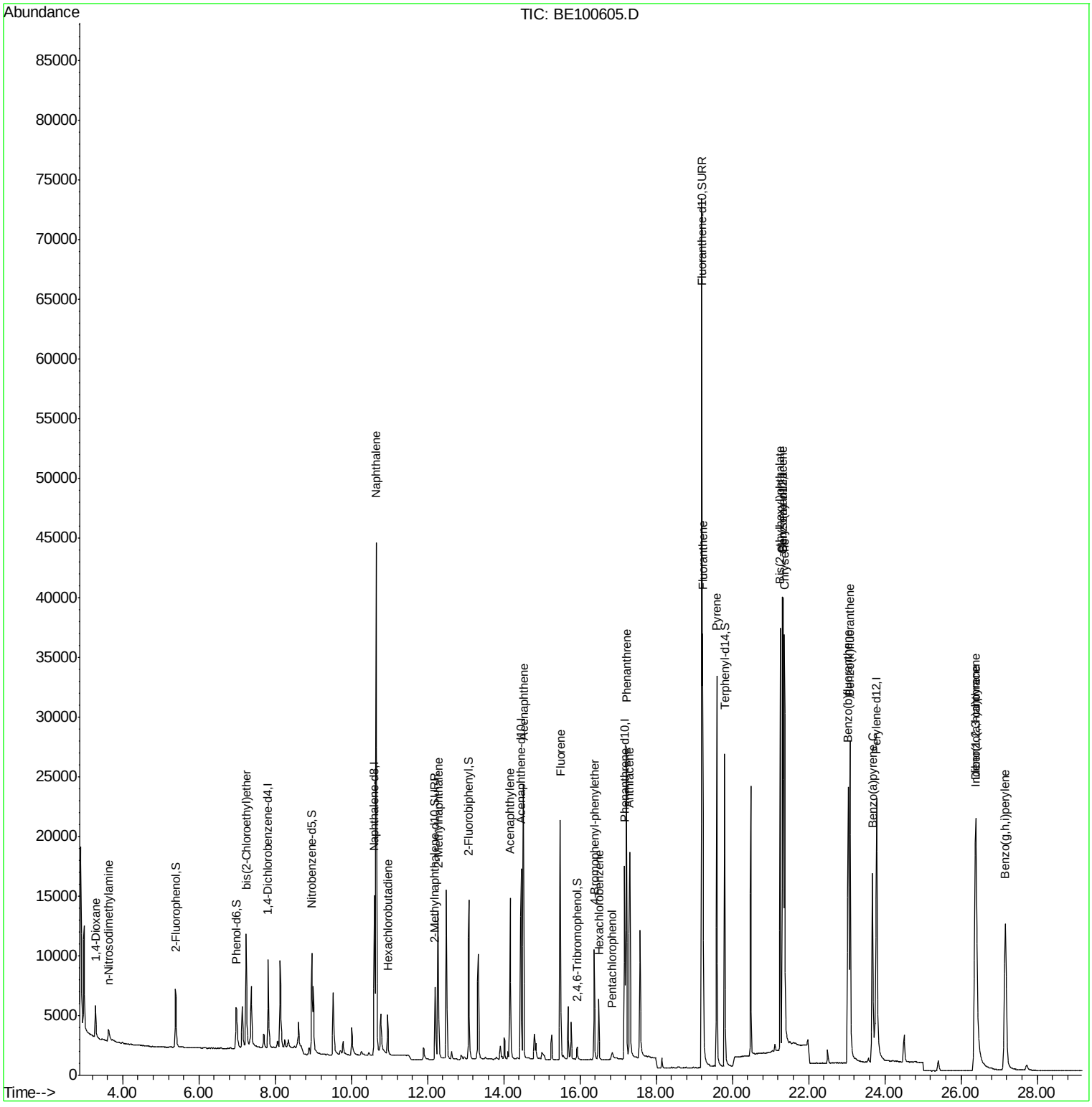
(#) = qualifier out of range (m) = manual integration (+) = signals summed

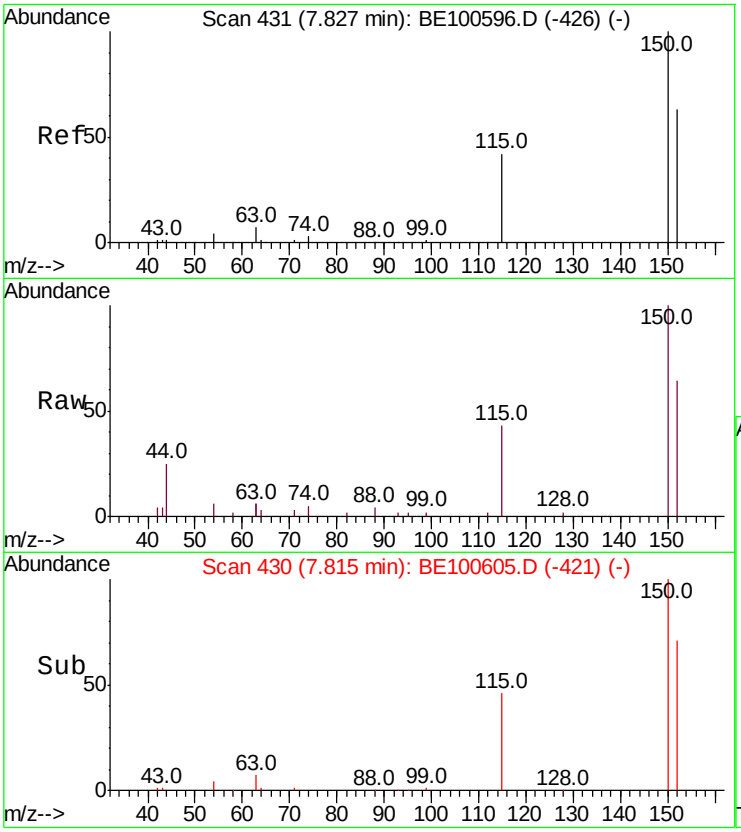
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
Data File : BE100605.D
Acq On : 8 Oct 2019 13:00
Operator : JU
Sample : PB123706BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 09 01:45:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration



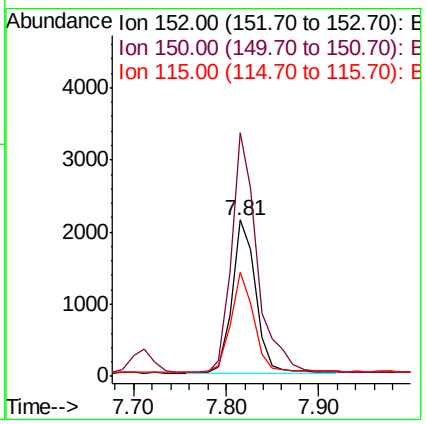


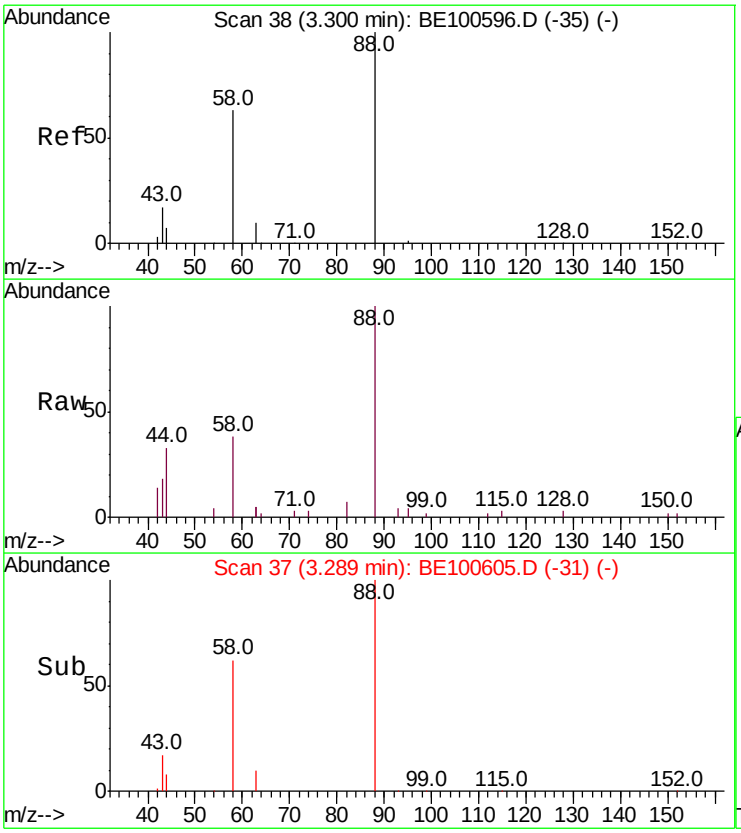
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3768

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.5	189.7
115	66.5	54.6	81.8

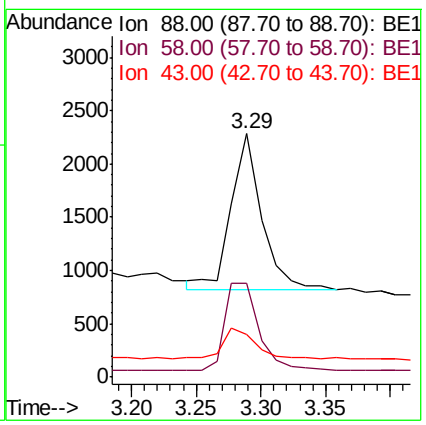


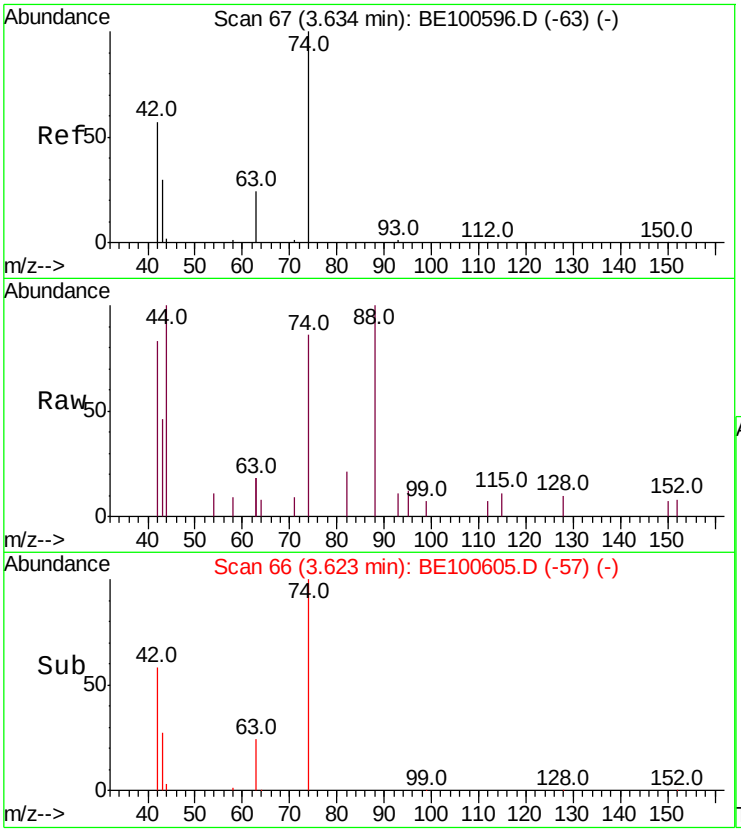


#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion: 88 Resp: 2405

Ion	Ratio	Lower	Upper
88	100		
58	63.7	48.1	72.1
43	18.6	14.4	21.6



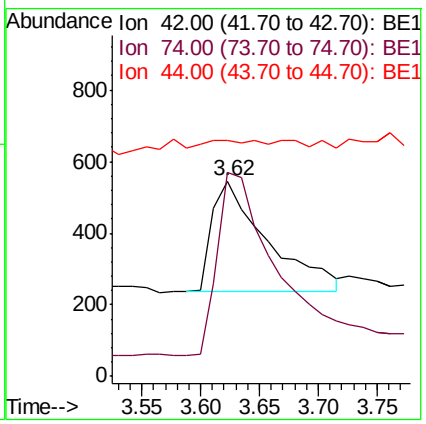


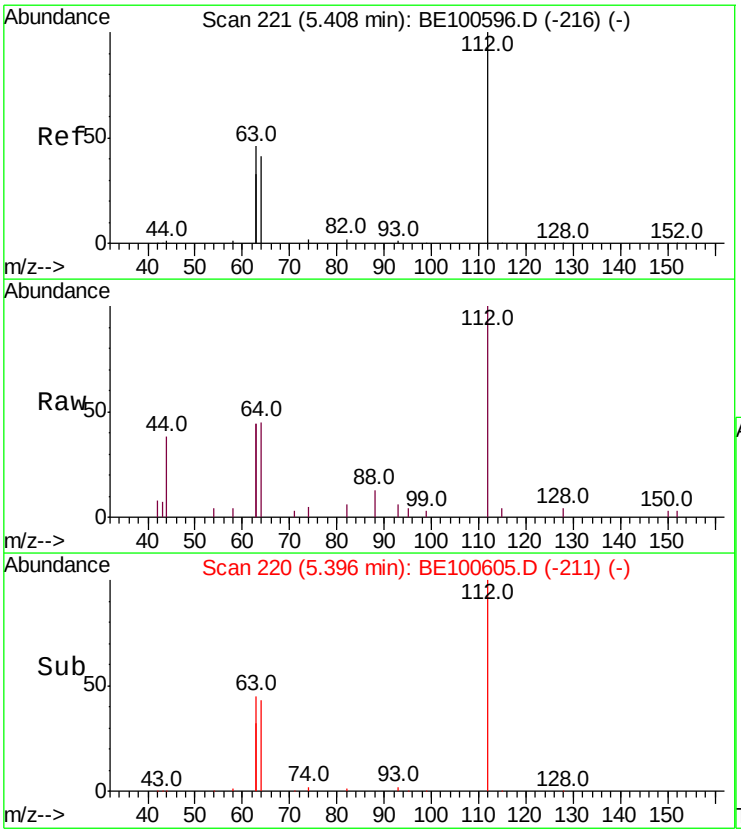
#3
n-Nitrosodimethylamine
Concen: 0.331 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 989

Ion	Ratio	Lower	Upper
42	100		
74	188.4	136.2	204.2
44	5.0	7.4	11.0#

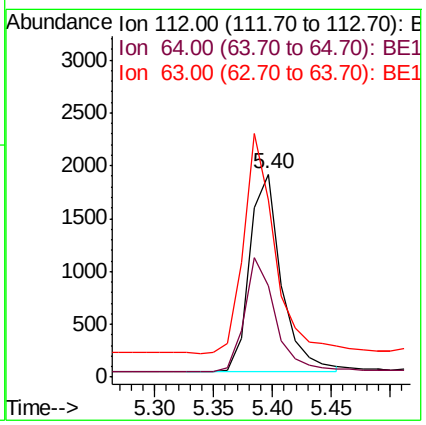


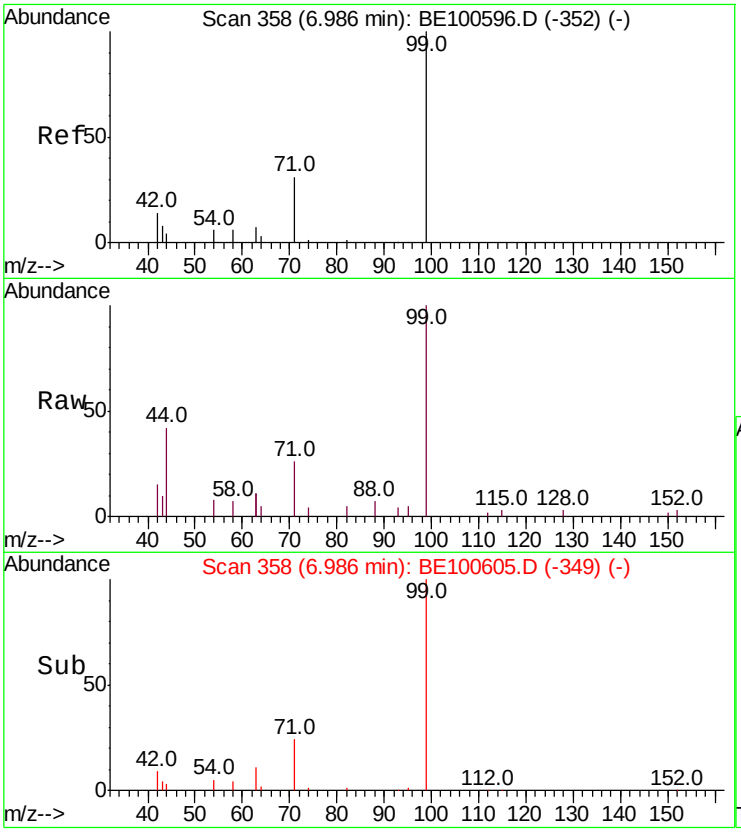


#4
2-Fluorophenol
Concen: 0.351 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:112 Resp: 3570

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.7	65.5
63	106.7	84.5	126.7



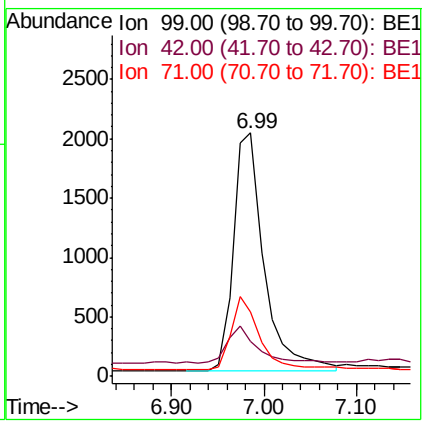


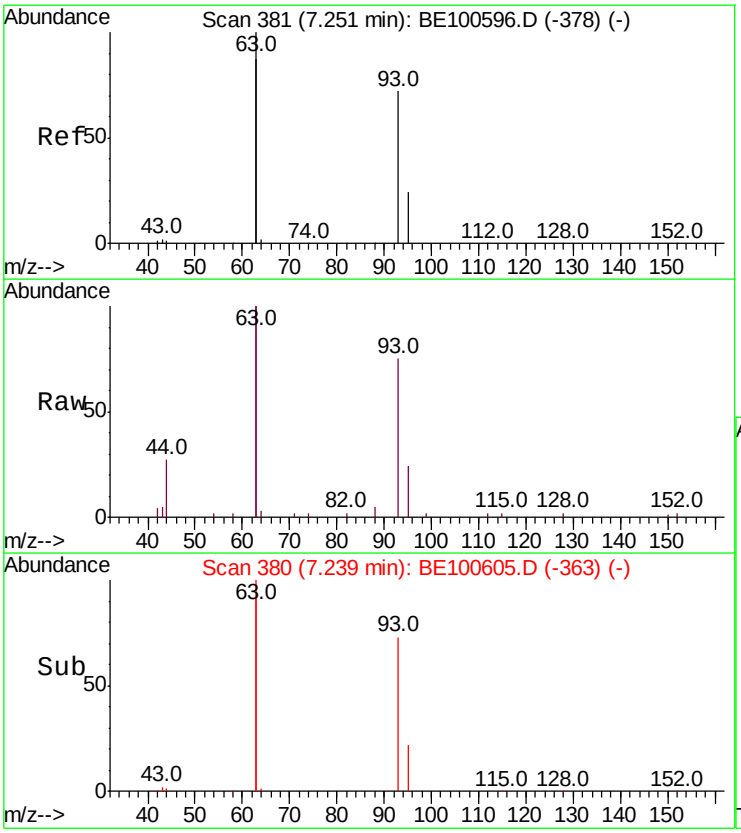
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4621

Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.7	17.5
71	28.6	23.0	34.4

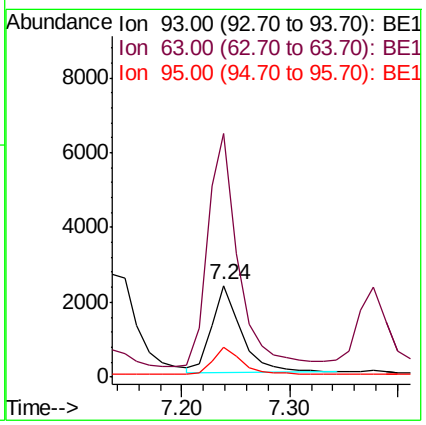


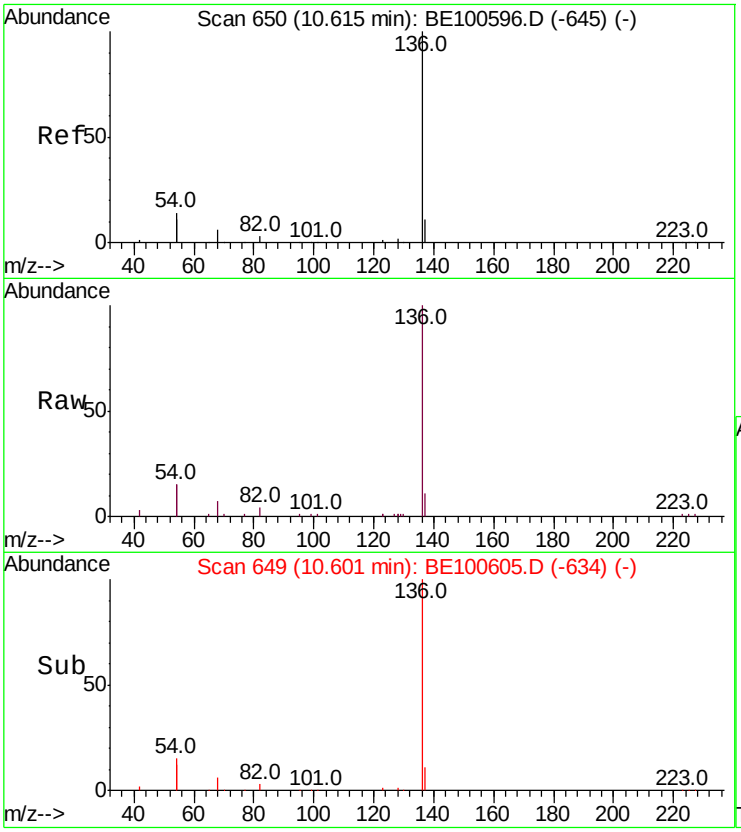


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion: 93 Resp: 4514

Ion	Ratio	Lower	Upper
93	100		
63	272.8	221.0	331.4
95	31.7	25.4	38.0



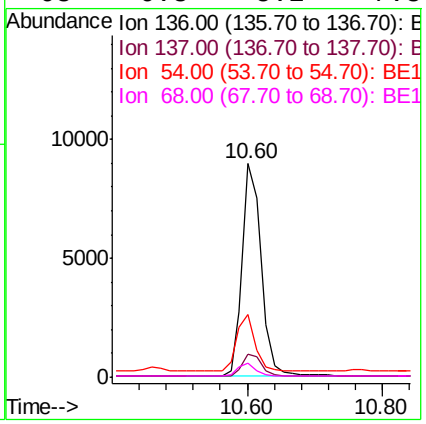


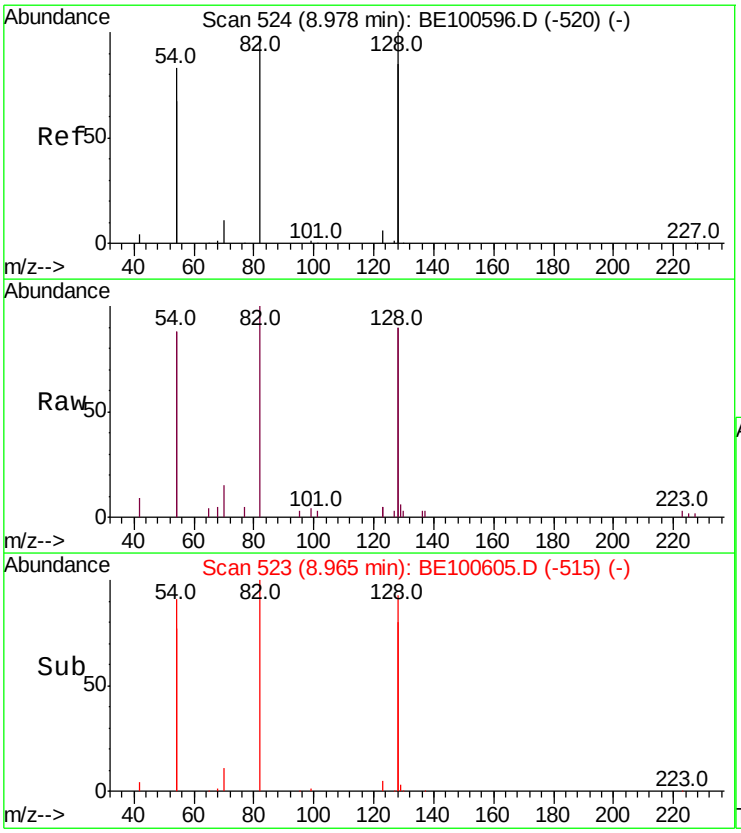
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 17474

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	29.4	22.4	33.6
68	6.8	5.2	7.8

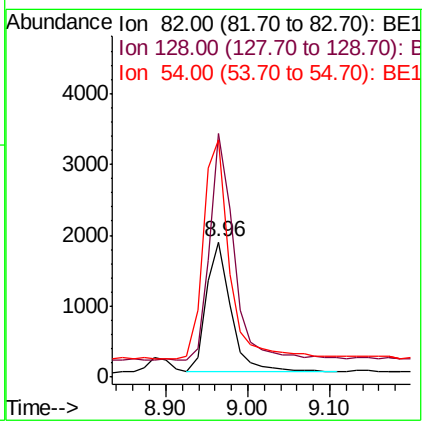


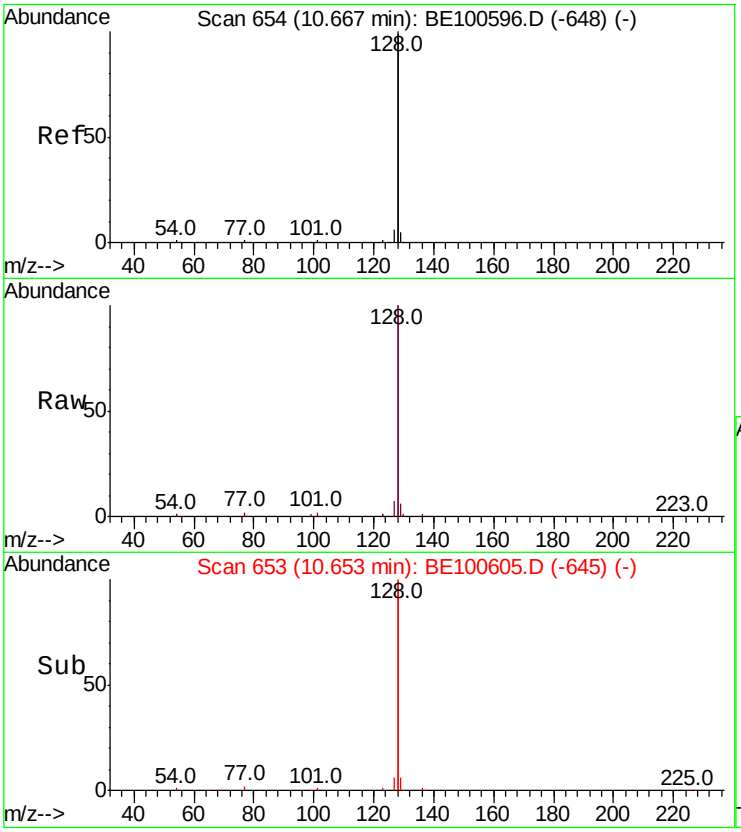


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion: 82 Resp: 3797

Ion	Ratio	Lower	Upper
82	100		
128	179.9	154.7	232.1
54	175.6	128.5	192.7

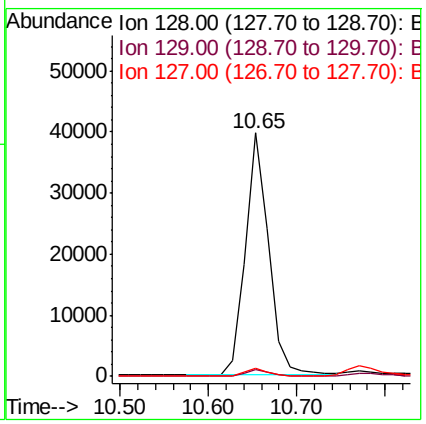




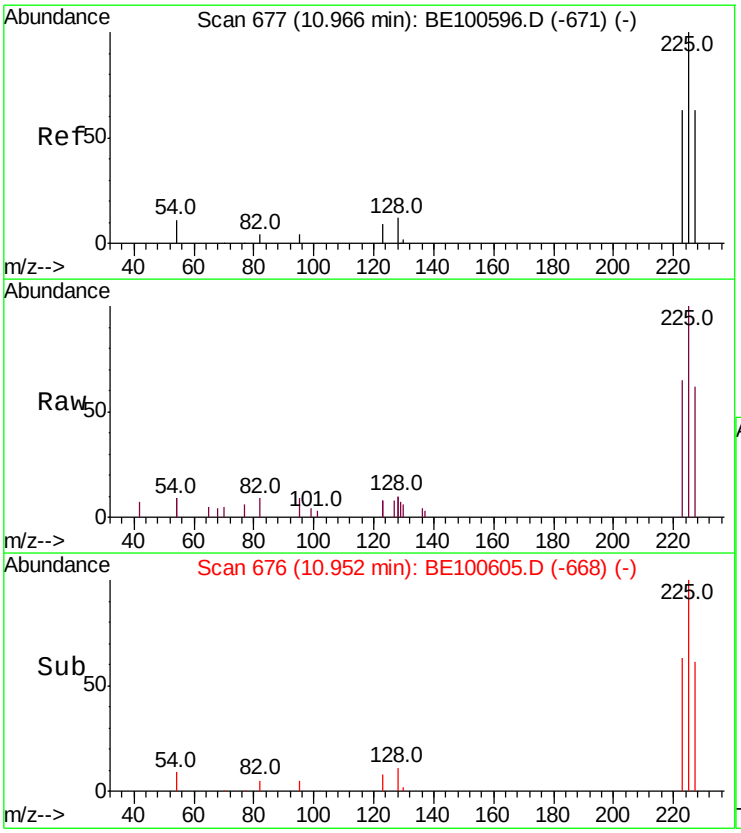
#9
Naphthalene
Concen: 0.399 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:128 Resp: 71877

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.3	2.6	4.0



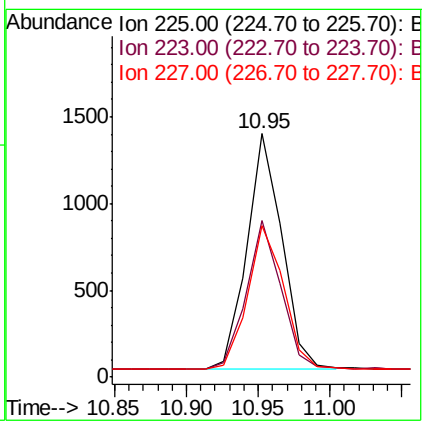
Instrument :
BNA_E
ClientSampleId :

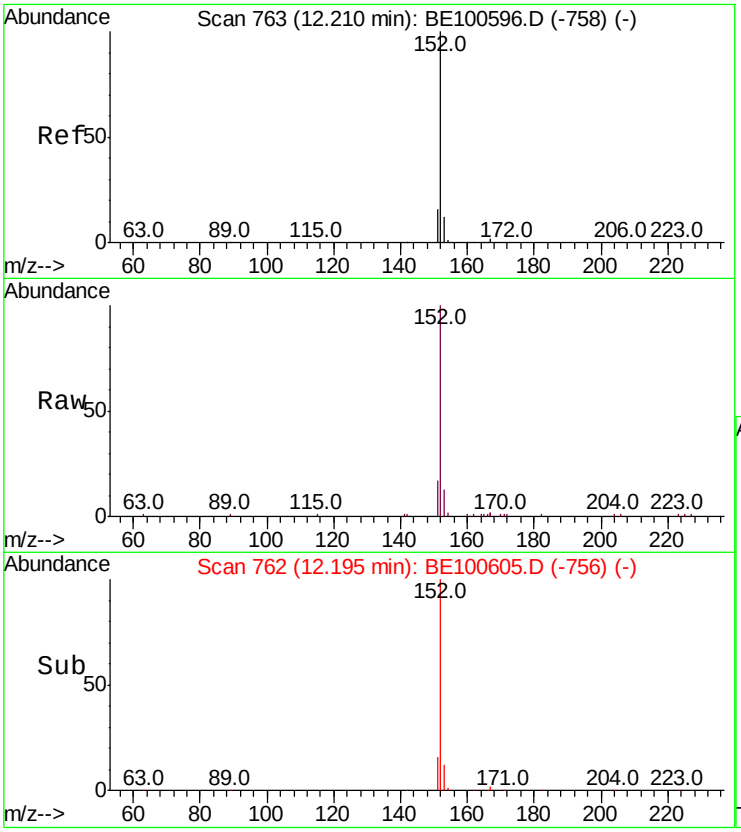


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:225 Resp: 2310

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.0	50.1	75.1



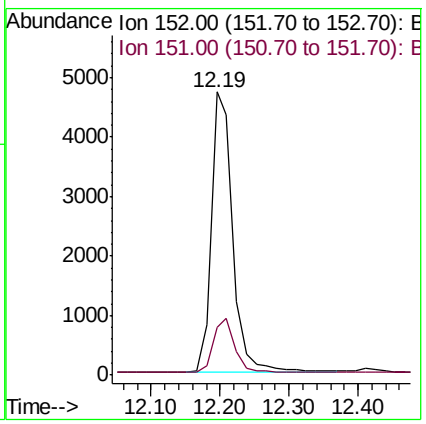


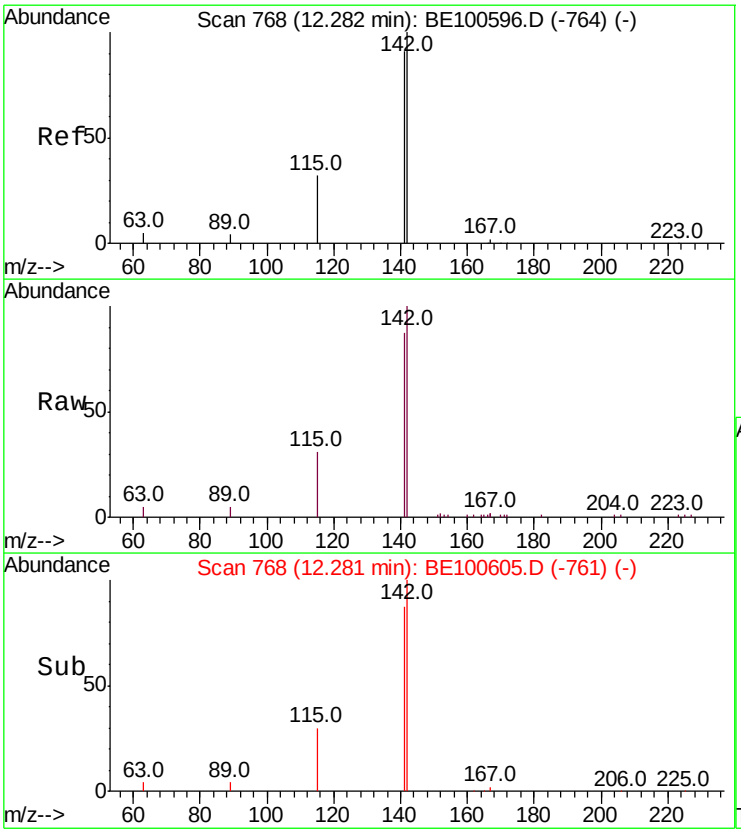
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10222

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8

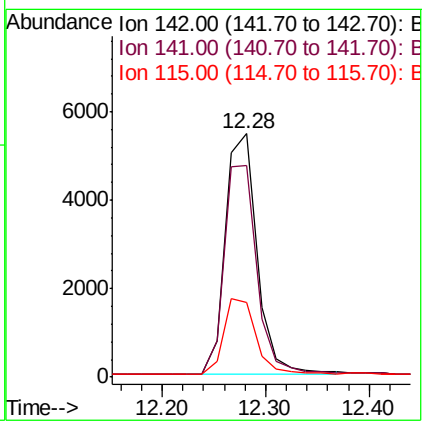


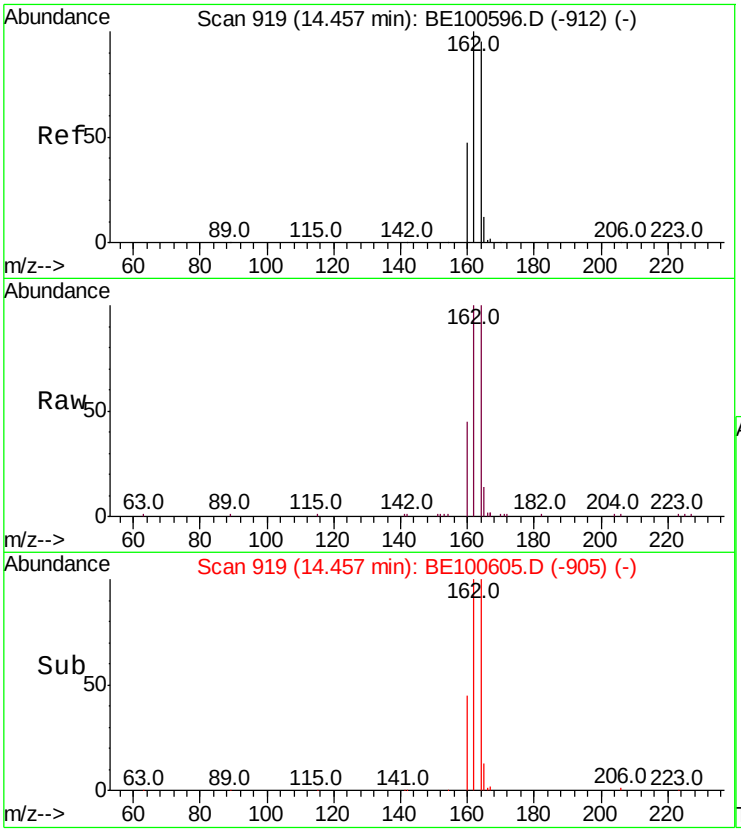


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:142 Resp: 11650

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.6	108.8
115	30.8	26.6	40.0



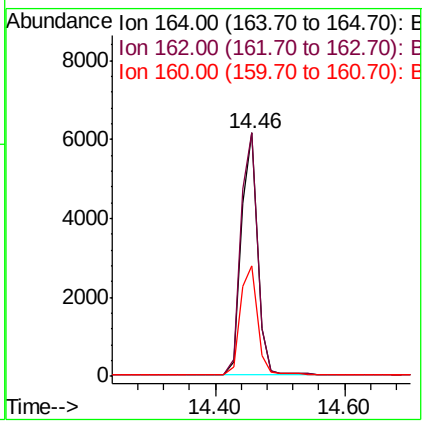


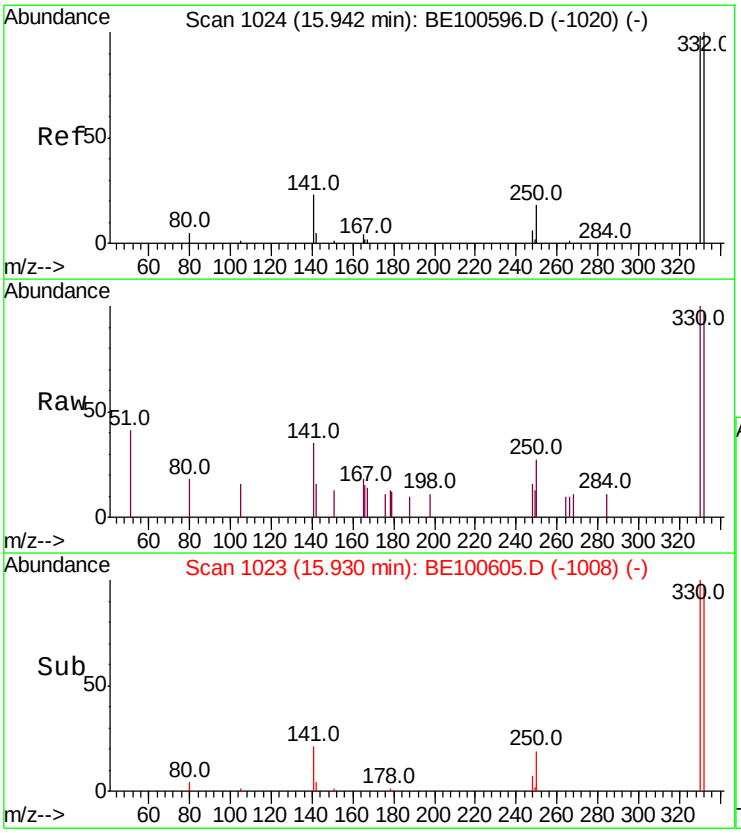
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10512

Ion	Ratio	Lower	Upper
164	100		
162	99.9	84.2	126.4
160	45.3	40.2	60.4

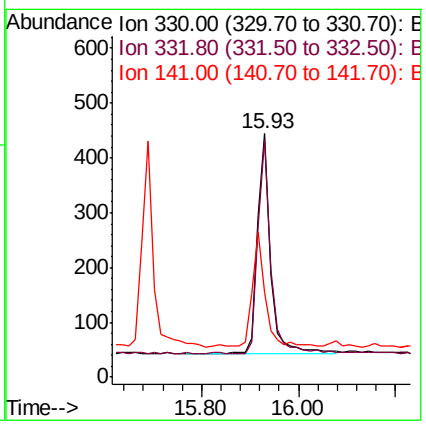


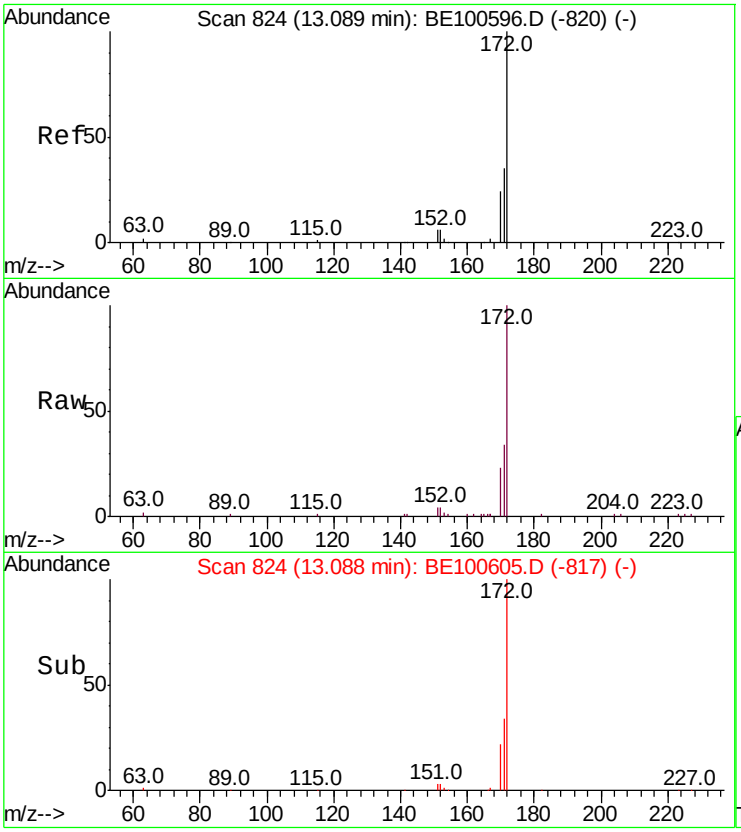


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.93 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:330 Resp: 749

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.5	117.7
141	51.9	39.4	59.0



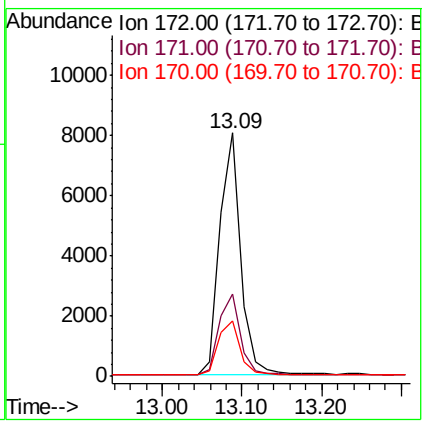


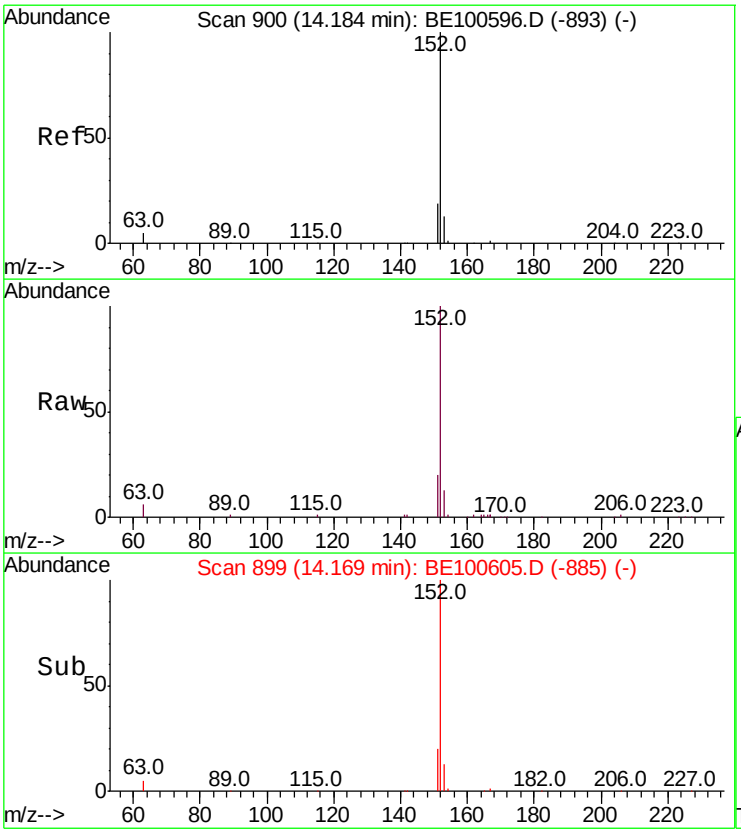
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14785

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.7	43.1
170	22.7	19.8	29.8

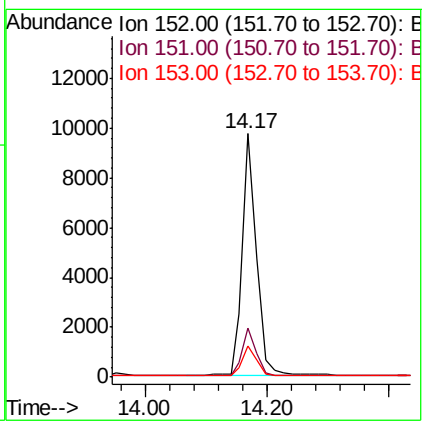


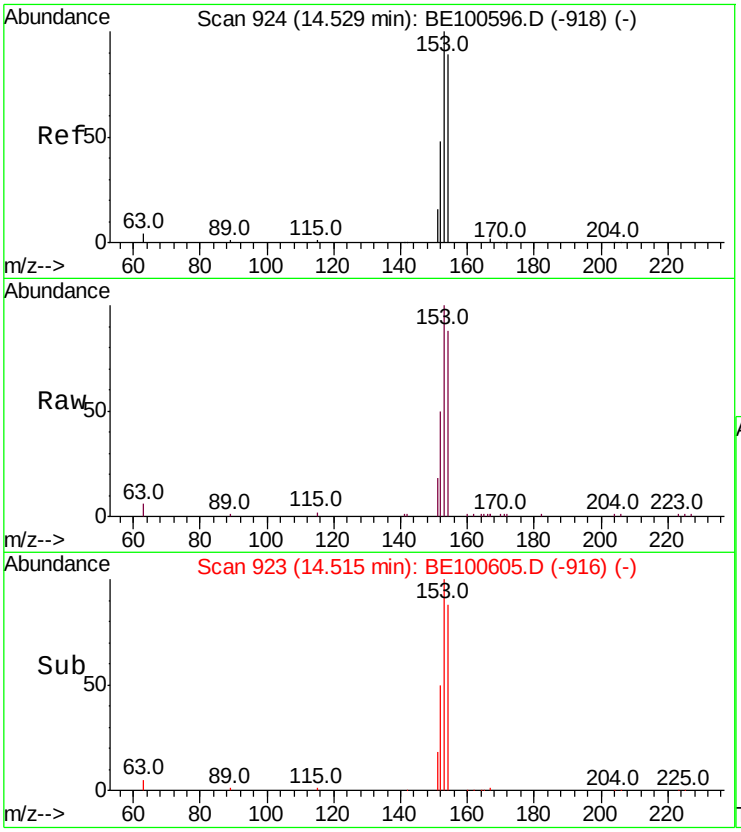


#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:152 Resp: 15916

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.9	10.4	15.6



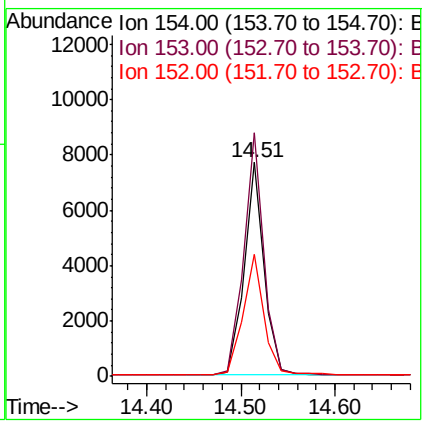


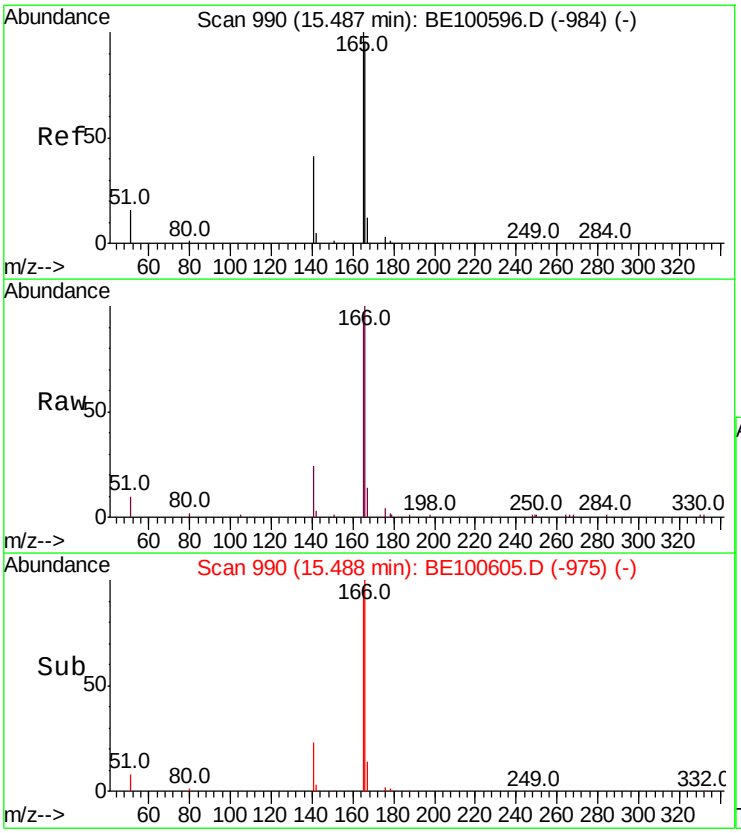
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 11231

Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.3	138.5
152	59.4	46.2	69.2

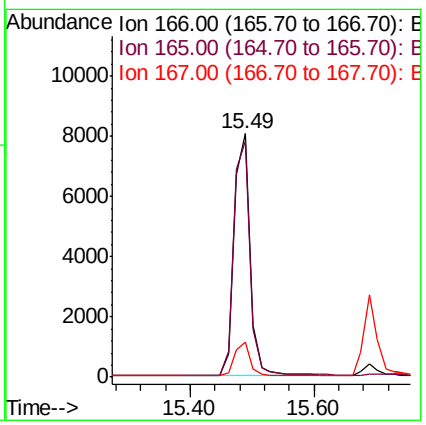


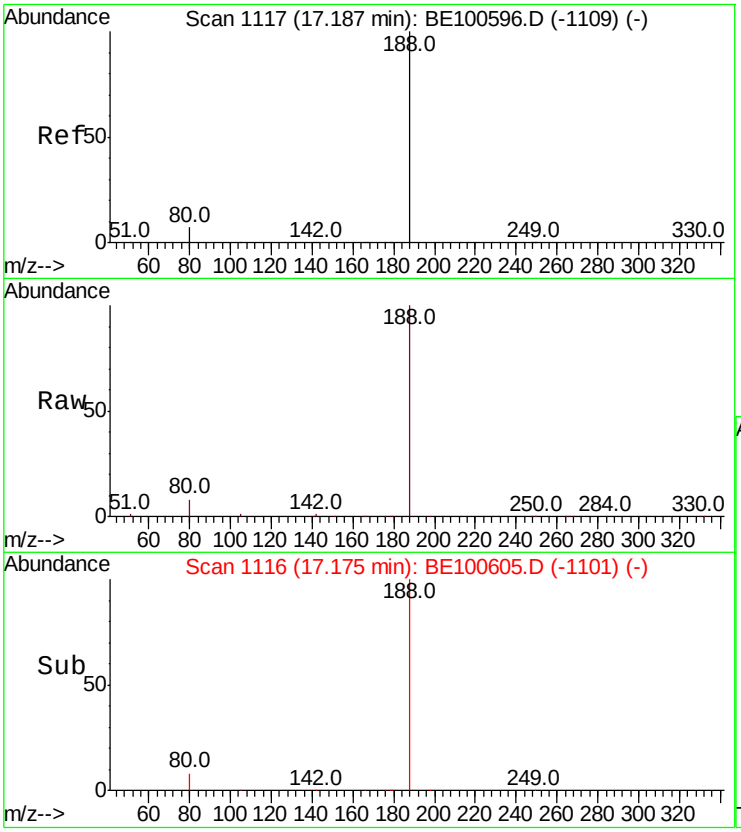


#18
Fluorene
Concen: 0.376 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:166 Resp: 14352

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.4	120.6
167	13.4	10.6	15.8



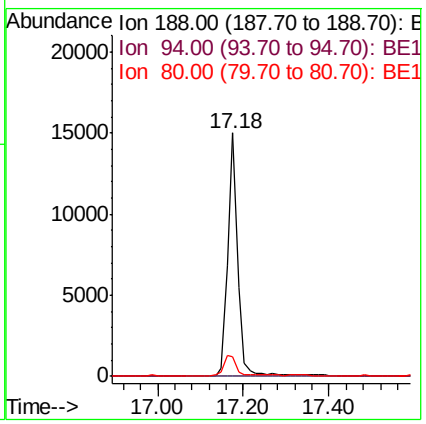


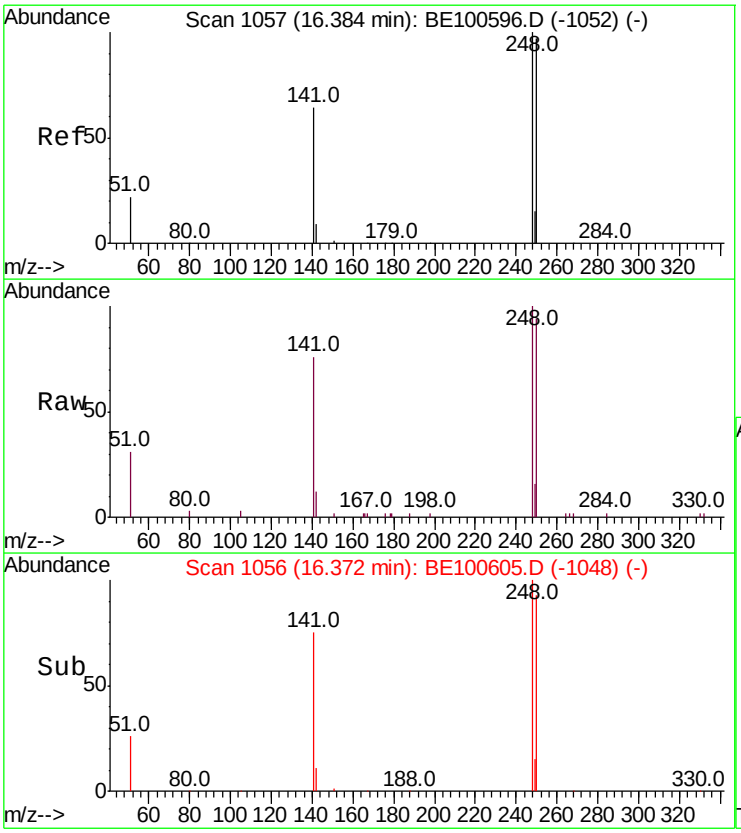
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.18 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 23693

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.2	9.2

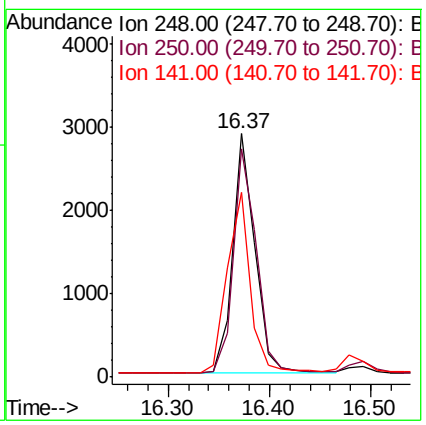


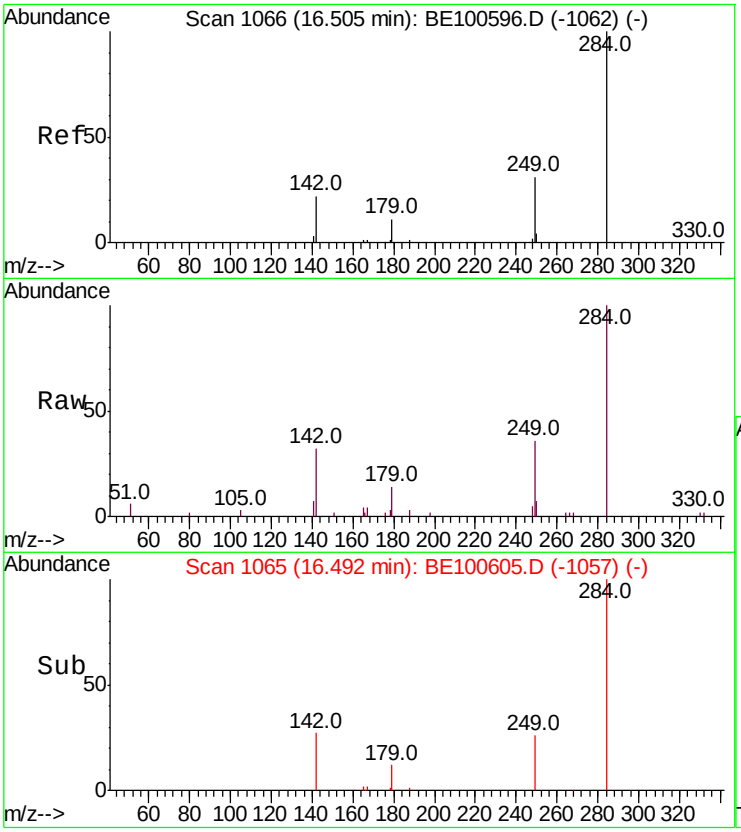


#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:248 Resp: 4425

Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.4	116.0
141	76.1	52.1	78.1



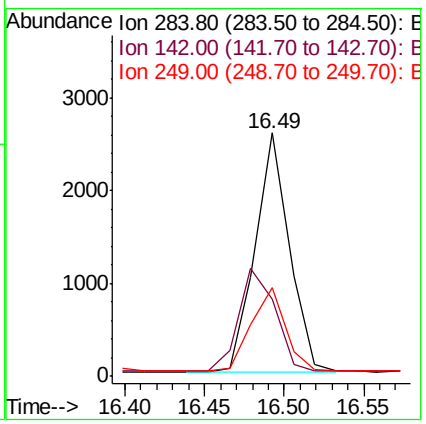


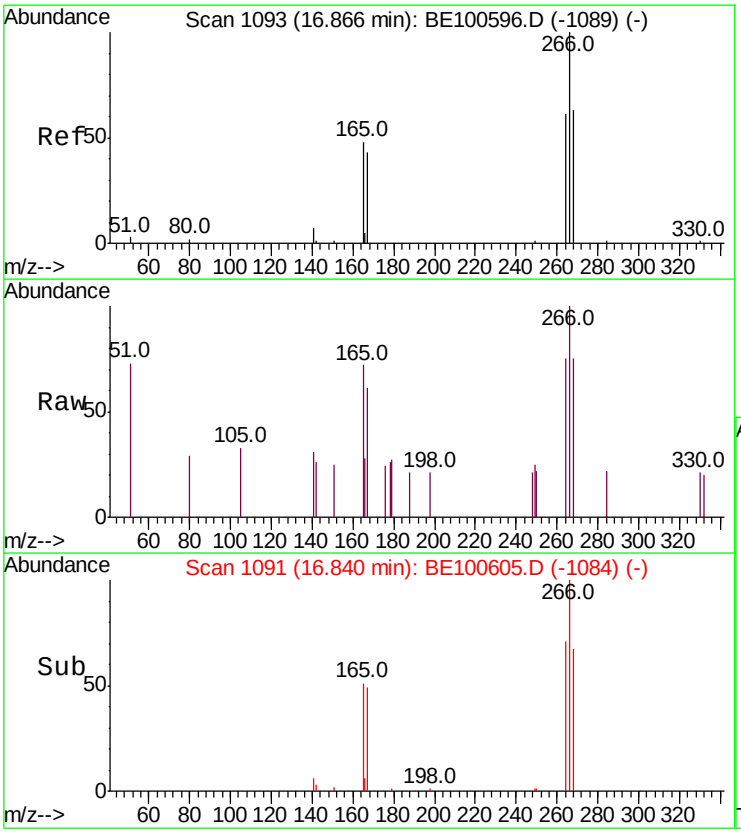
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3825

Ion	Ratio	Lower	Upper
284	100		
142	46.6	35.1	52.7
249	35.0	27.2	40.8

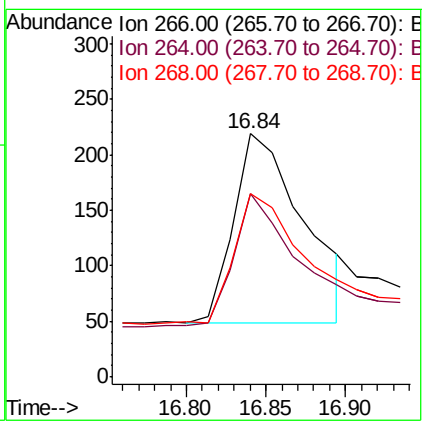


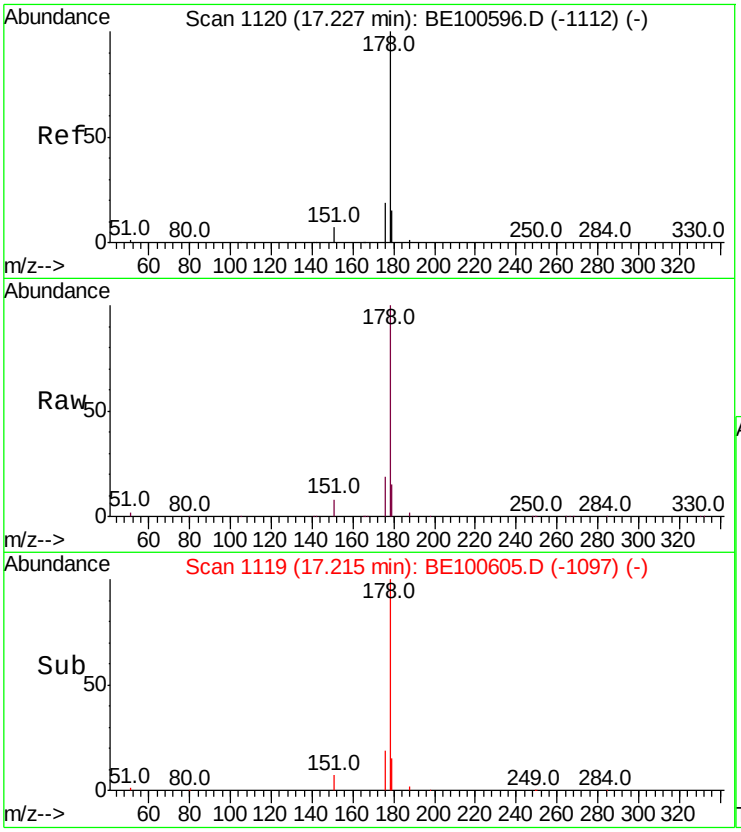


#22
Pentachlorophenol
Concen: 0.454 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:266 Resp: 525

Ion	Ratio	Lower	Upper
266	100		
264	75.3	56.3	84.5
268	75.3	60.3	90.5



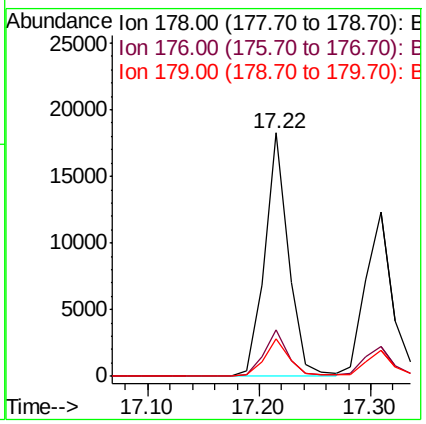


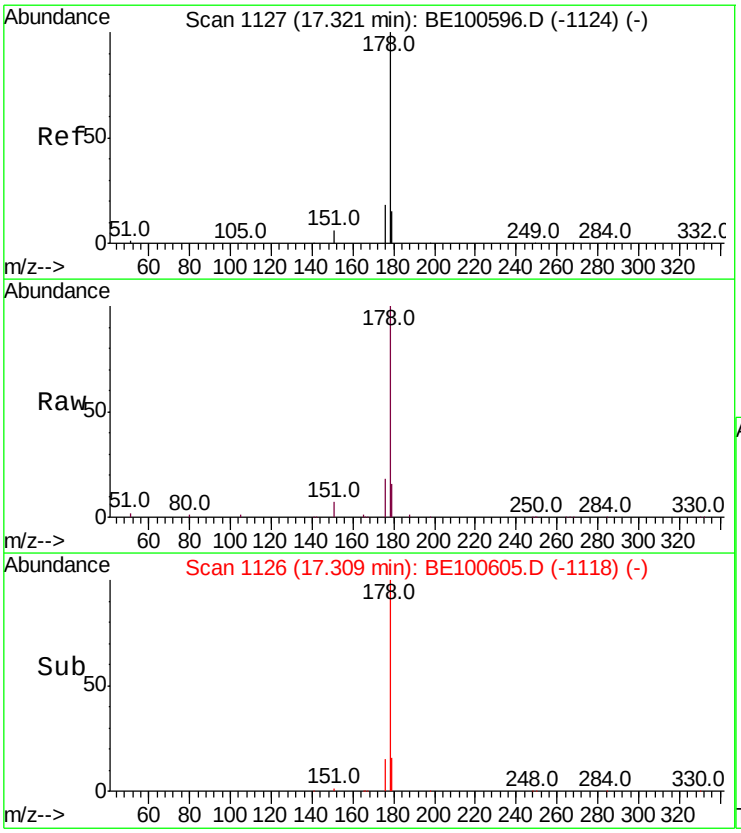
#23
Phenanthrene
Concen: 0.402 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 27076

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.3	12.3	18.5

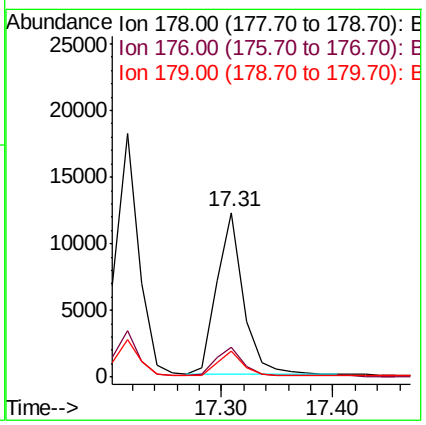


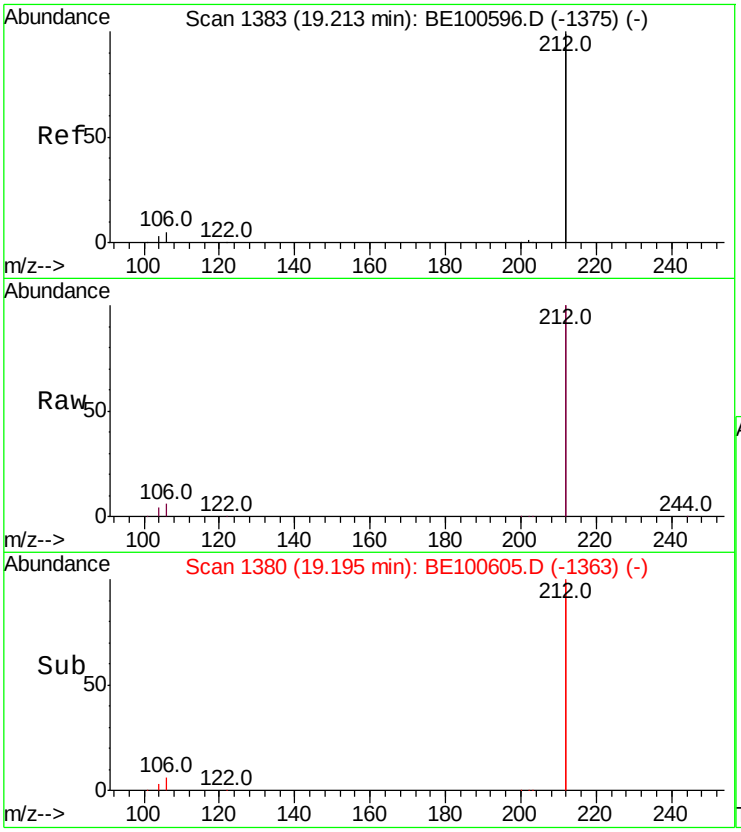


#24
Anthracene
Concen: 0.346 ng
RT: 17.31 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:178 Resp: 20061

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.2	12.2	18.4



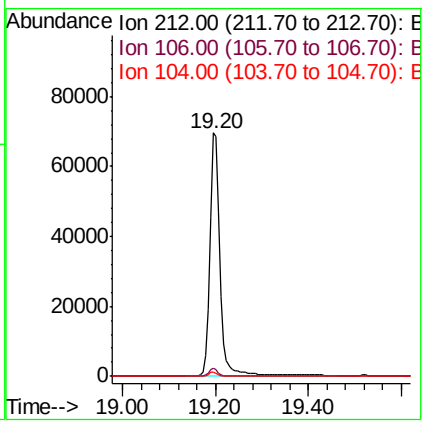


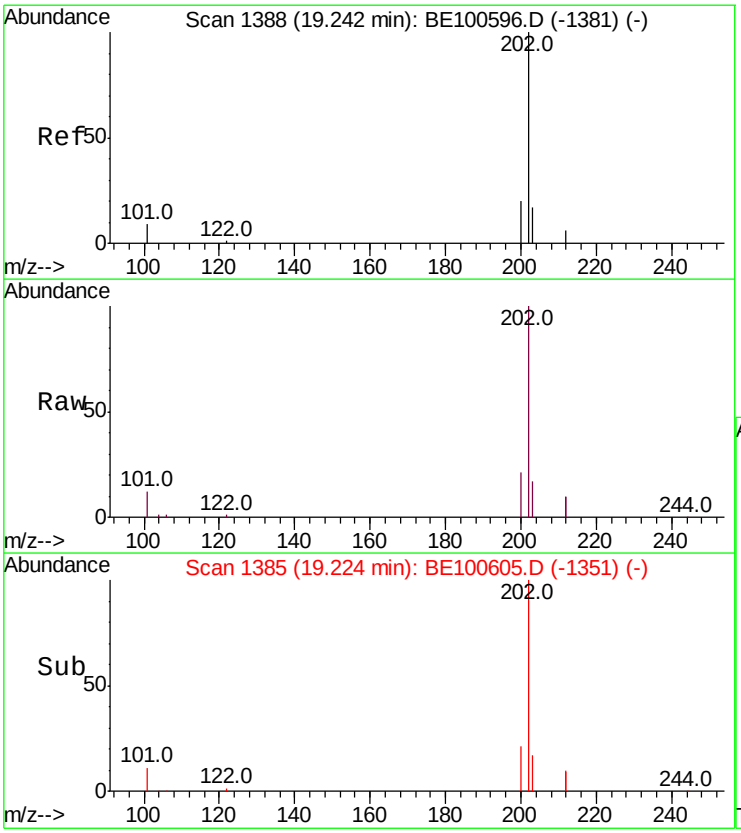
#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 106880

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

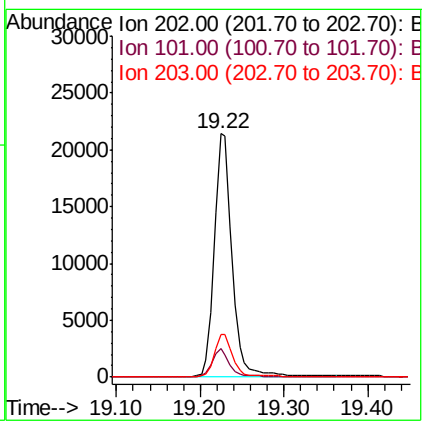


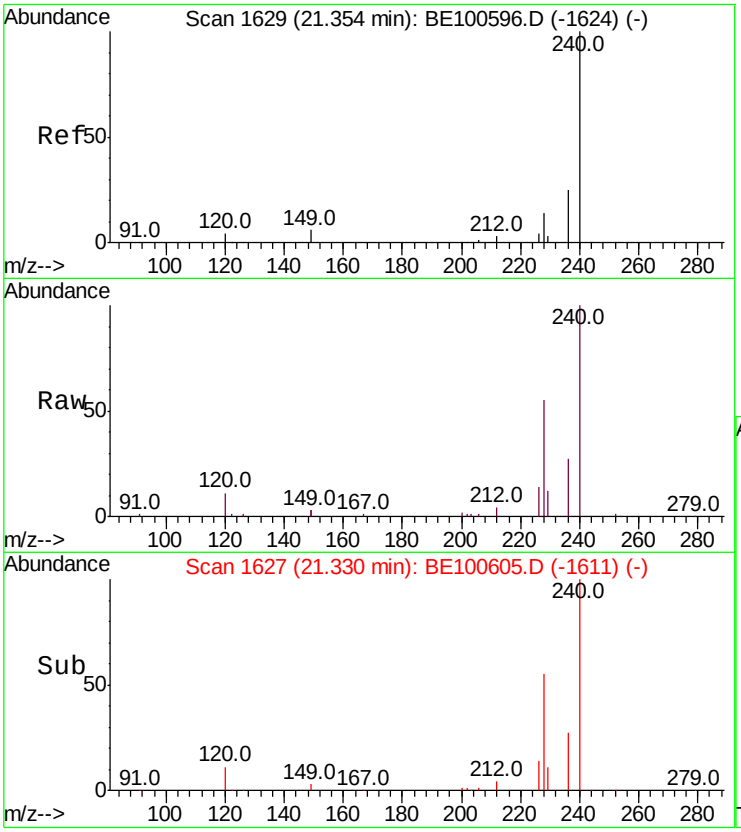


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:202 Resp: 31406

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	12.8
203	17.3	13.8	20.6



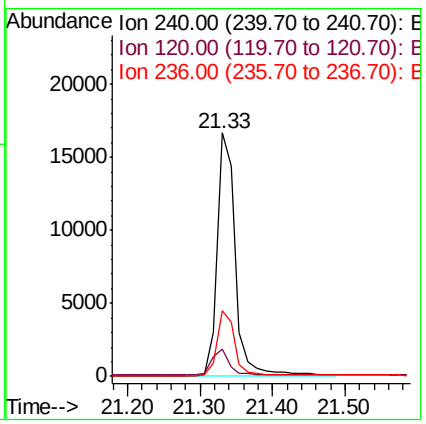


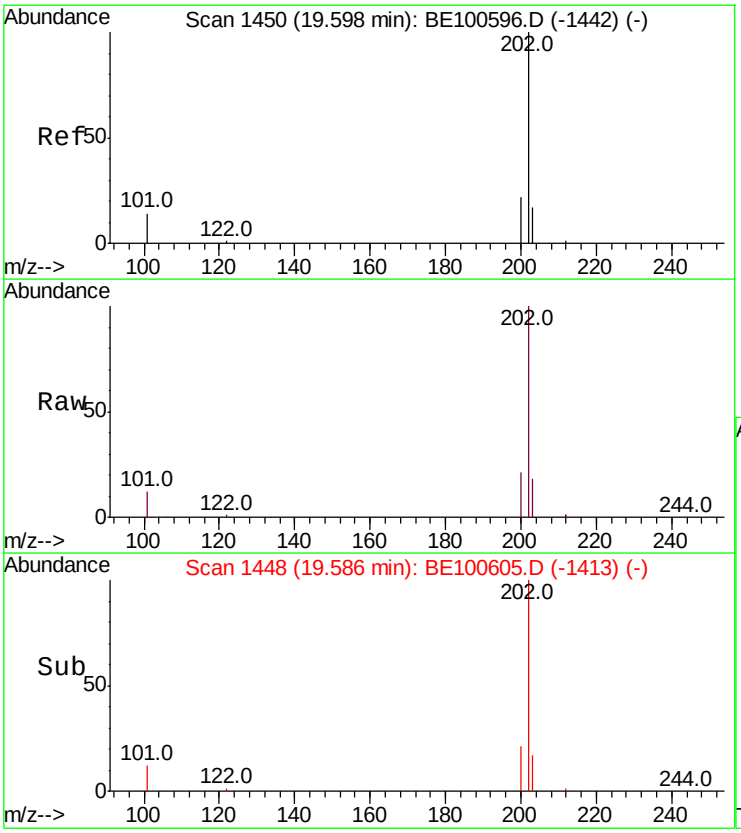
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 28947

Ion	Ratio	Lower	Upper
240	100		
120	11.2	3.6	5.4#
236	27.2	20.5	30.7

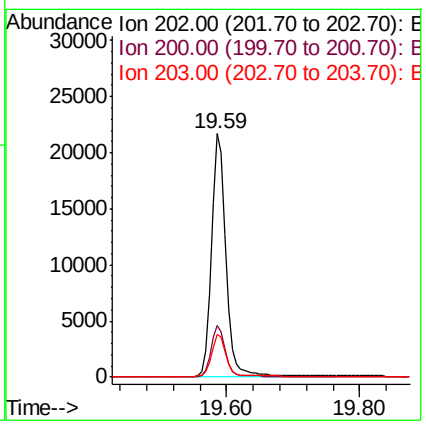


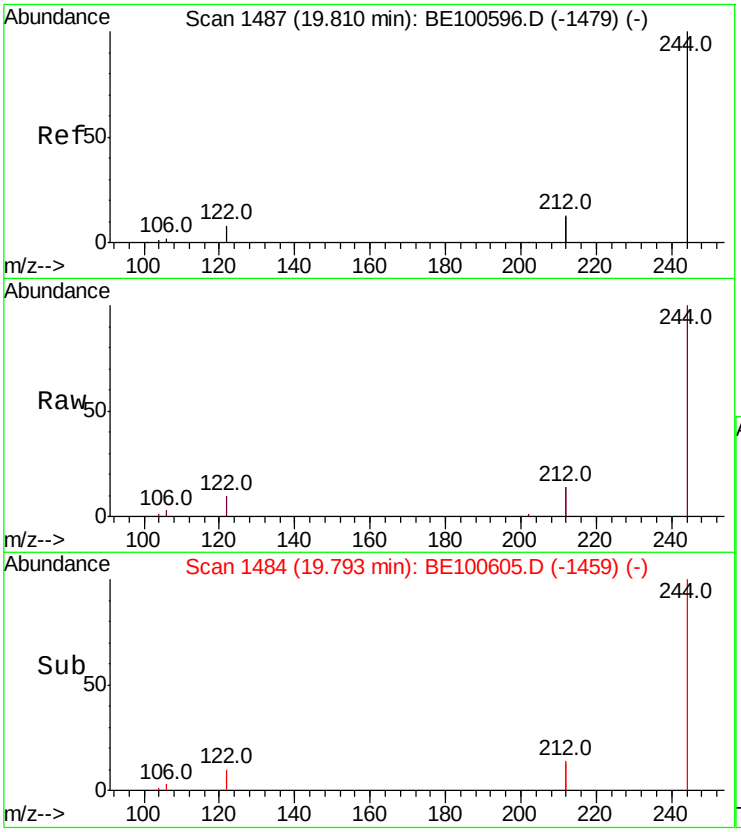


#28
Pyrene
Concen: 0.433 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:202 Resp: 32110

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.4	14.1	21.1



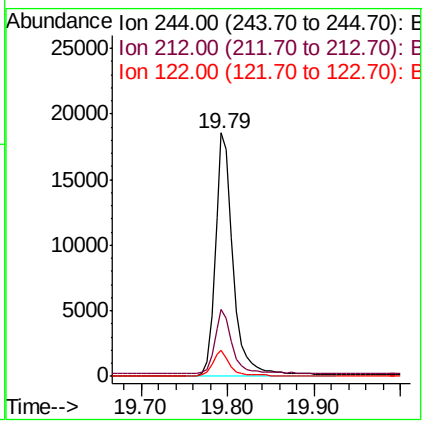


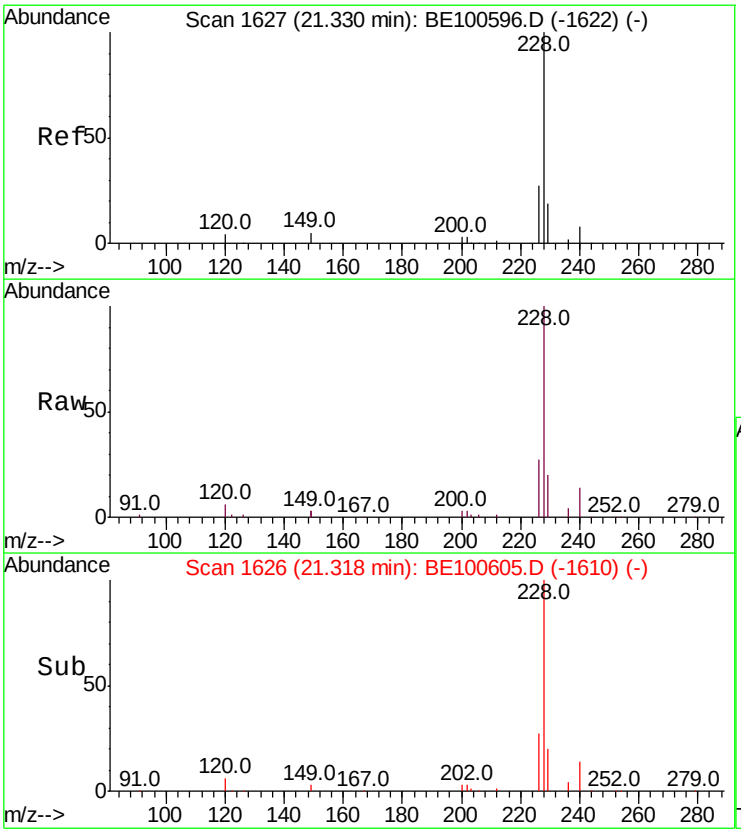
#29
Terphenyl-d14
Concen: 0.419 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 26796

Ion	Ratio	Lower	Upper
244	100		
212	27.7	20.6	31.0
122	10.4	6.5	9.7#

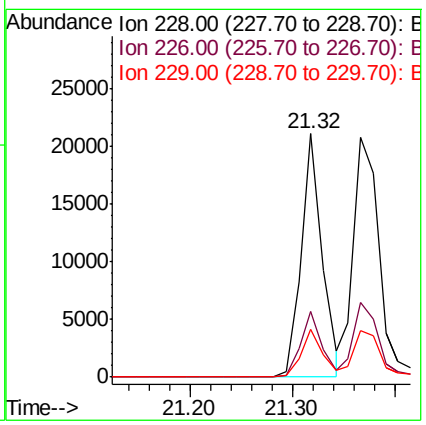


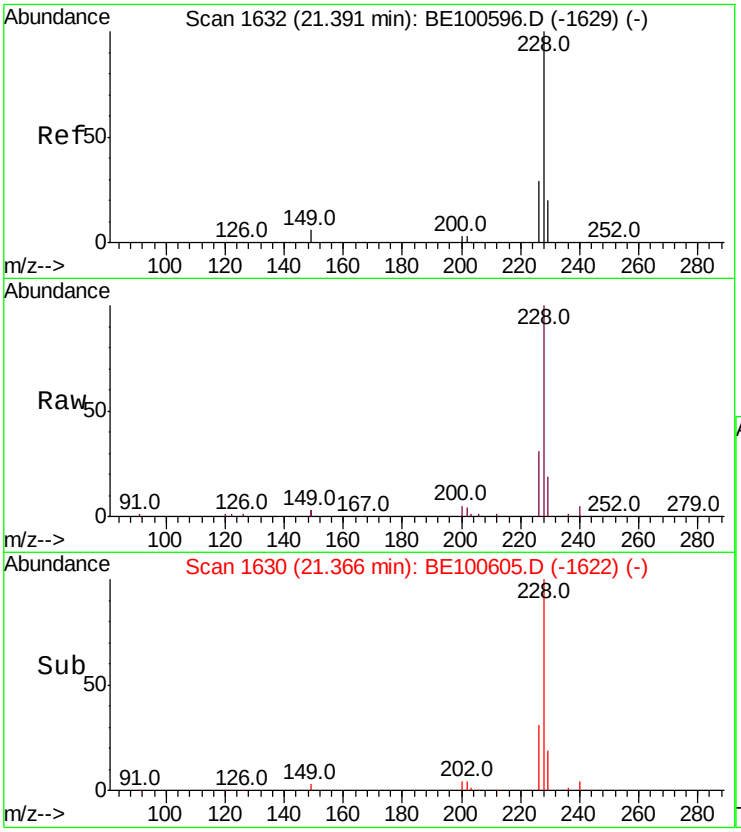


#30
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:228 Resp: 29684

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.5	32.3
229	19.8	15.6	23.4



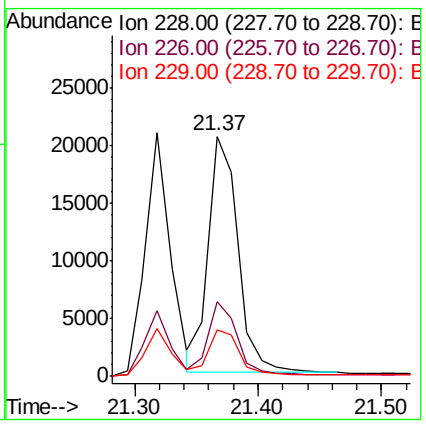


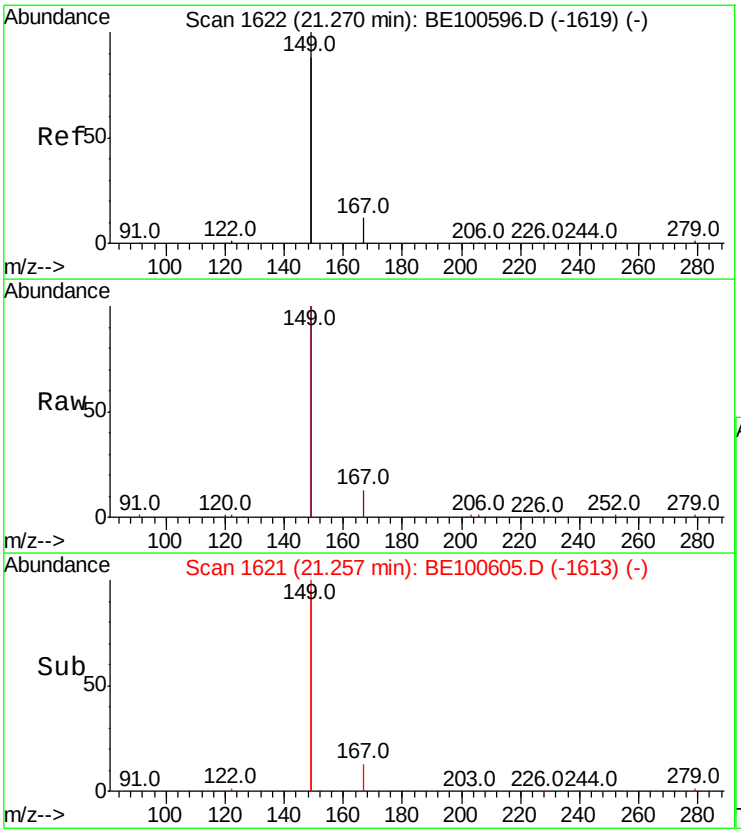
#31
Chrysene
Concen: 0.398 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 34486

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.7	34.1
229	19.5	16.3	24.5

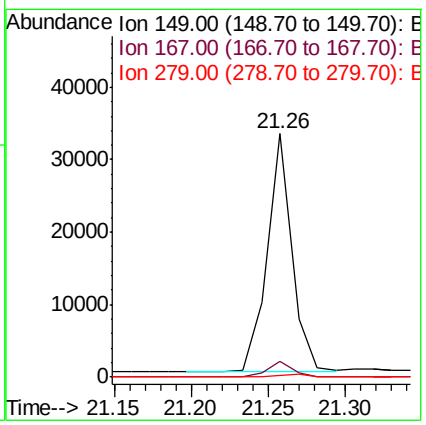


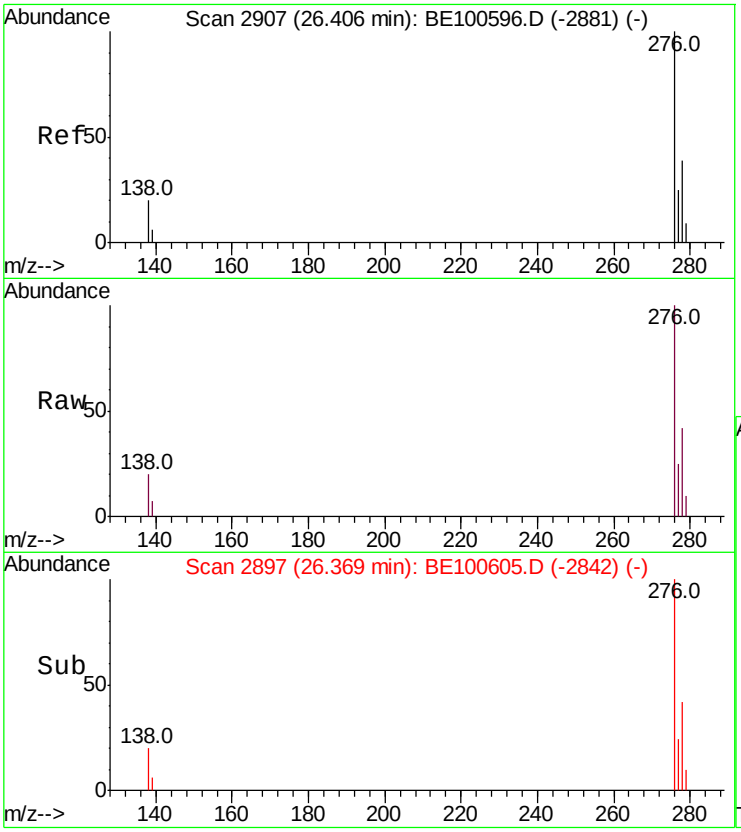


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.238 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:149 Resp: 36803

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.9	1.3



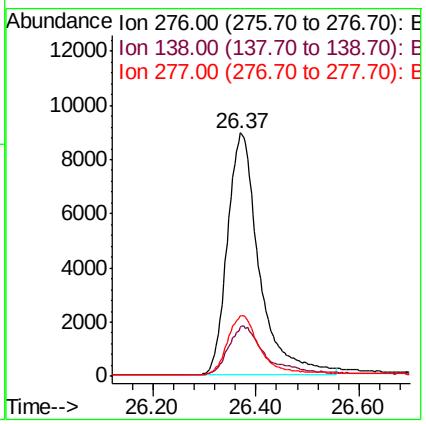


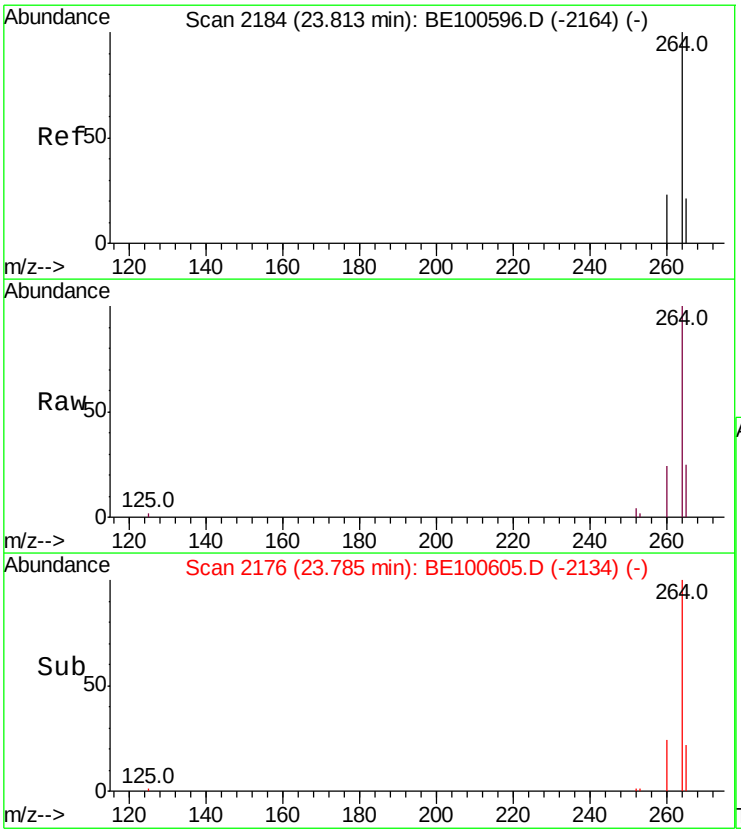
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 26.37 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 38392

Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.8	26.8
277	25.1	19.8	29.8

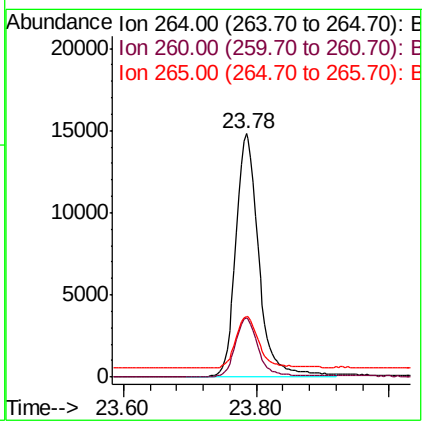


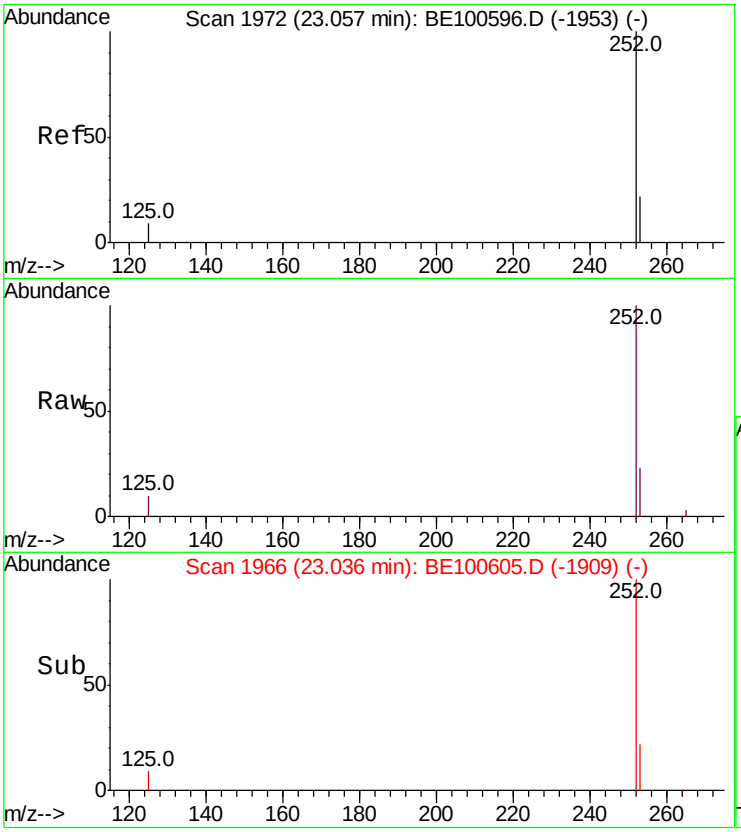


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:264 Resp: 35212

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	25.1	20.9	31.3



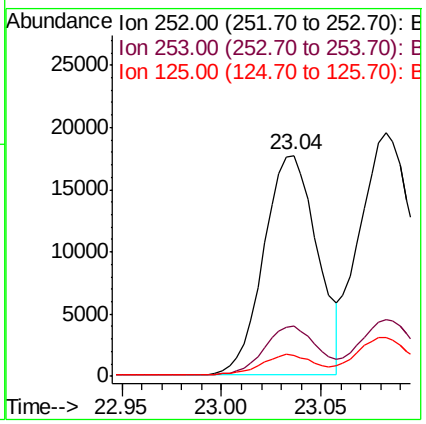


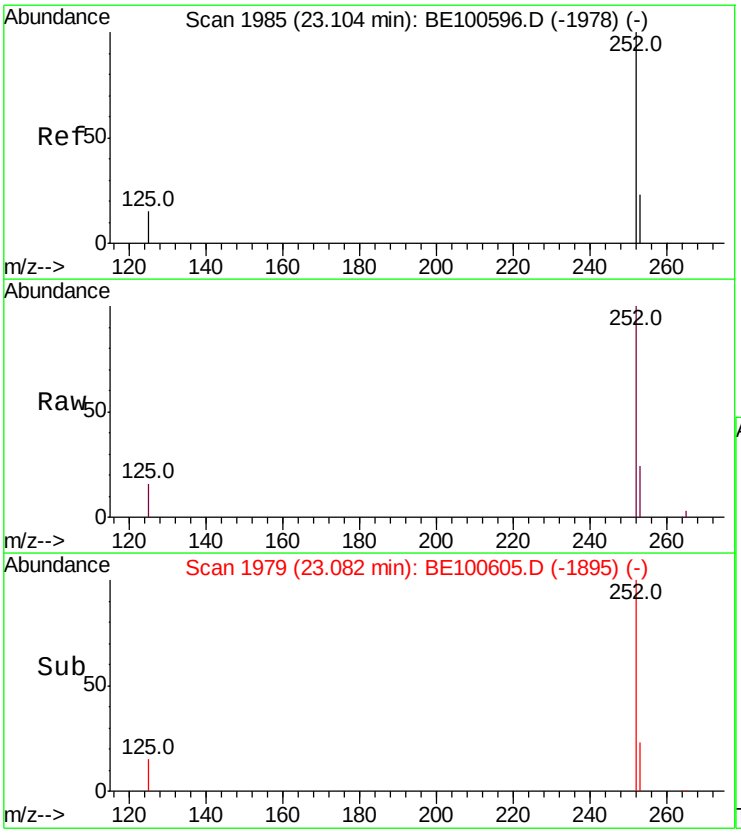
#35
Benzo(b)fluoranthene
Concen: 0.346 ng
RT: 23.04 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 33015

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.6	7.9	11.9

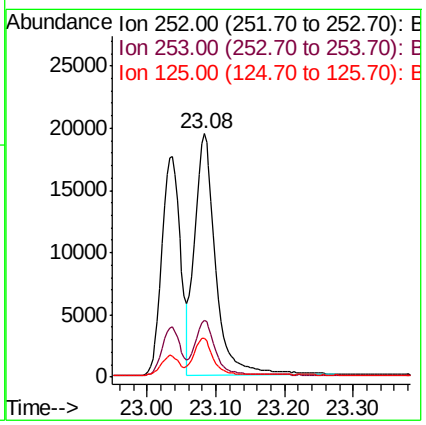


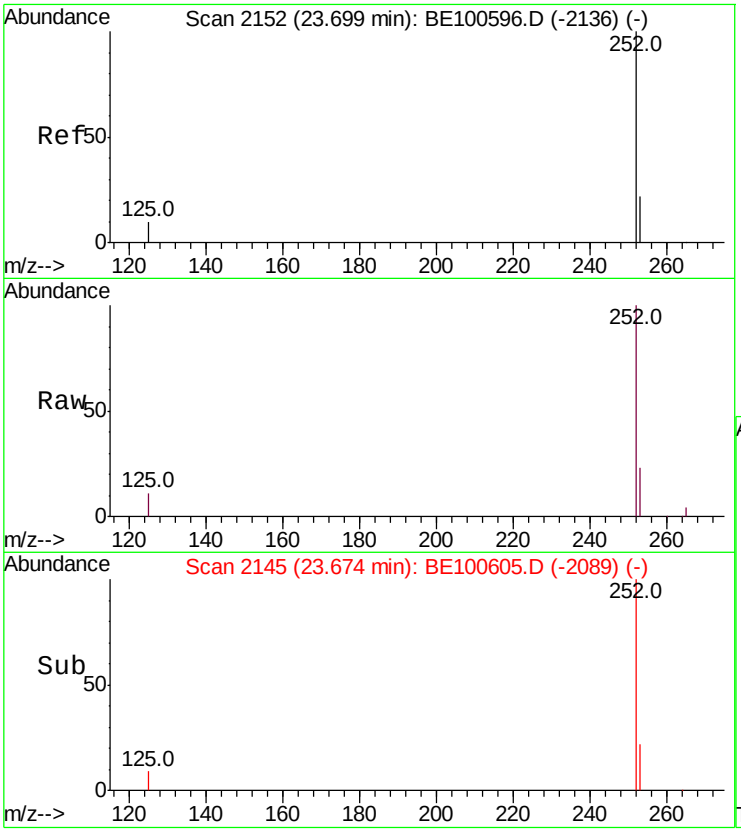


#36
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 23.08 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:252 Resp: 41548

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	16.0	11.4	17.0



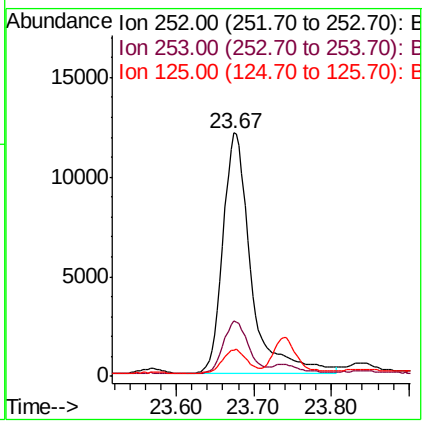


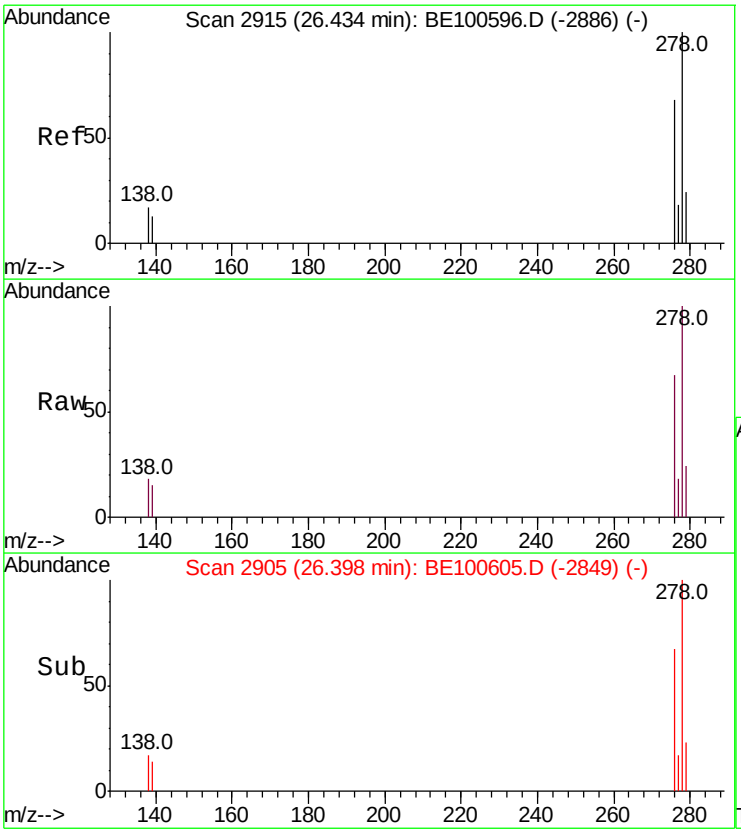
#37
Benzo(a)pyrene
Concen: 0.348 ng
RT: 23.67 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 30510

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	10.8	8.8	13.2

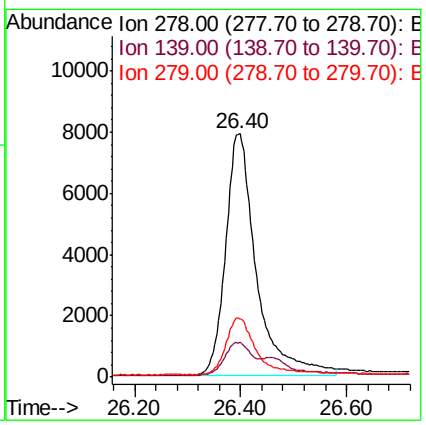


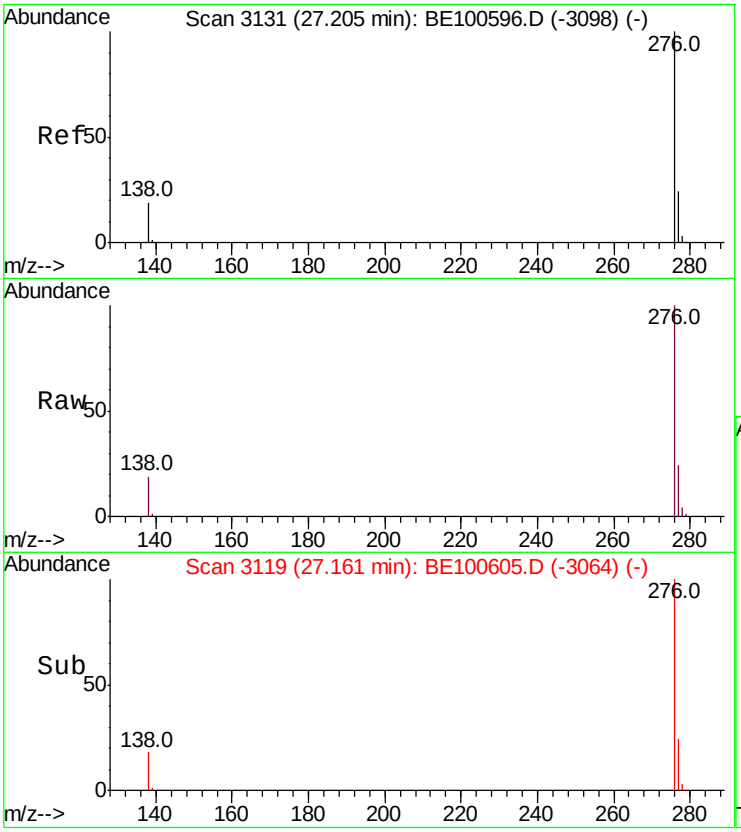


#38
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 26.40 min Scan# 2905
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:278 Resp: 31972

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.0	16.4
279	23.9	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 27.16 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 33383

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.5	29.3
138	19.1	15.6	23.4