Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100319\
Data File : BE100597.D
Acq On : 3 Oct 2019 15:09
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Oct 03 15:47:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 15:15:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3145	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	14226	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	8031	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	18371	0.40	ng		0.00
27) Chrysene-d12	21.35	240	25396	0.40	ng		0.00
34) Perylene-d12	23.81	264	29121	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	6284	0.73	ng		0.00
5) Phenol-d6	6.99	99	7951	0.72	ng		0.00
8) Nitrobenzene-d5	8.98	82	6582	0.71	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	15915	0.76	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1406	0.80	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	22477	0.77	ng		0.00
25) Fluoranthene-d10	19.21	212	170669	0.75	ng		0.00
29) Terphenyl-d14	19.81	244	42684	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3719	0.767	ng	#	91
3) n-Nitrosodimethylamine	3.62	42	1835	0.744	ng		96
6) bis(2-Chloroethyl)ether	7.25	93	7319	0.717	ng		95
9) Naphthalene	10.67	128	111610	0.760	ng		100
10) Hexachlorobutadiene	10.97	225	3575	0.769	ng		99
12) 2-Methylnaphthalene	12.28	142	18193	0.756	ng		99
16) Acenaphthylene	14.18	152	25792	0.753	ng		99
17) Acenaphthene	14.53	154	17426	0.761	ng		100
18) Fluorene	15.49	166	22417	0.777	ng		99
20) 4-Bromophenyl-phenylether	16.39	248	6828	0.760	ng		96
21) Hexachlorobenzene	16.51	284	5763	0.780	ng		100
22) Pentachlorophenol	16.85	266	1248	0.566	ng		96
23) Phenanthrene	17.23	178	39157	0.751	ng		100
24) Anthracene	17.32	178	33687	0.749	ng		100
26) Fluoranthene	19.24	202	48560	0.751	ng		100
28) Pyrene	19.60	202	48755	0.775	ng		100
30) Benzo(a)anthracene	21.33	228	53467	0.723	ng		99
31) Chrysene	21.39	228	58764	0.768	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	91779	0.461	ng		100
33) Indeno(1,2,3-cd)pyrene	26.41	276	69404	0.784	ng		99
35) Benzo(b)fluoranthene	23.06	252	60516	0.770	ng		99
36) Benzo(k)fluoranthene	23.10	252	66810	0.747	ng	#	95
37) Benzo(a)pyrene	23.70	252	54570	0.748	ng		98
38) Dibenzo(a,h)anthracene	26.43	278	57604	0.769	ng		99
39) Benzo(g,h,i)perylene	27.20	276	58893	0.777	ng		98

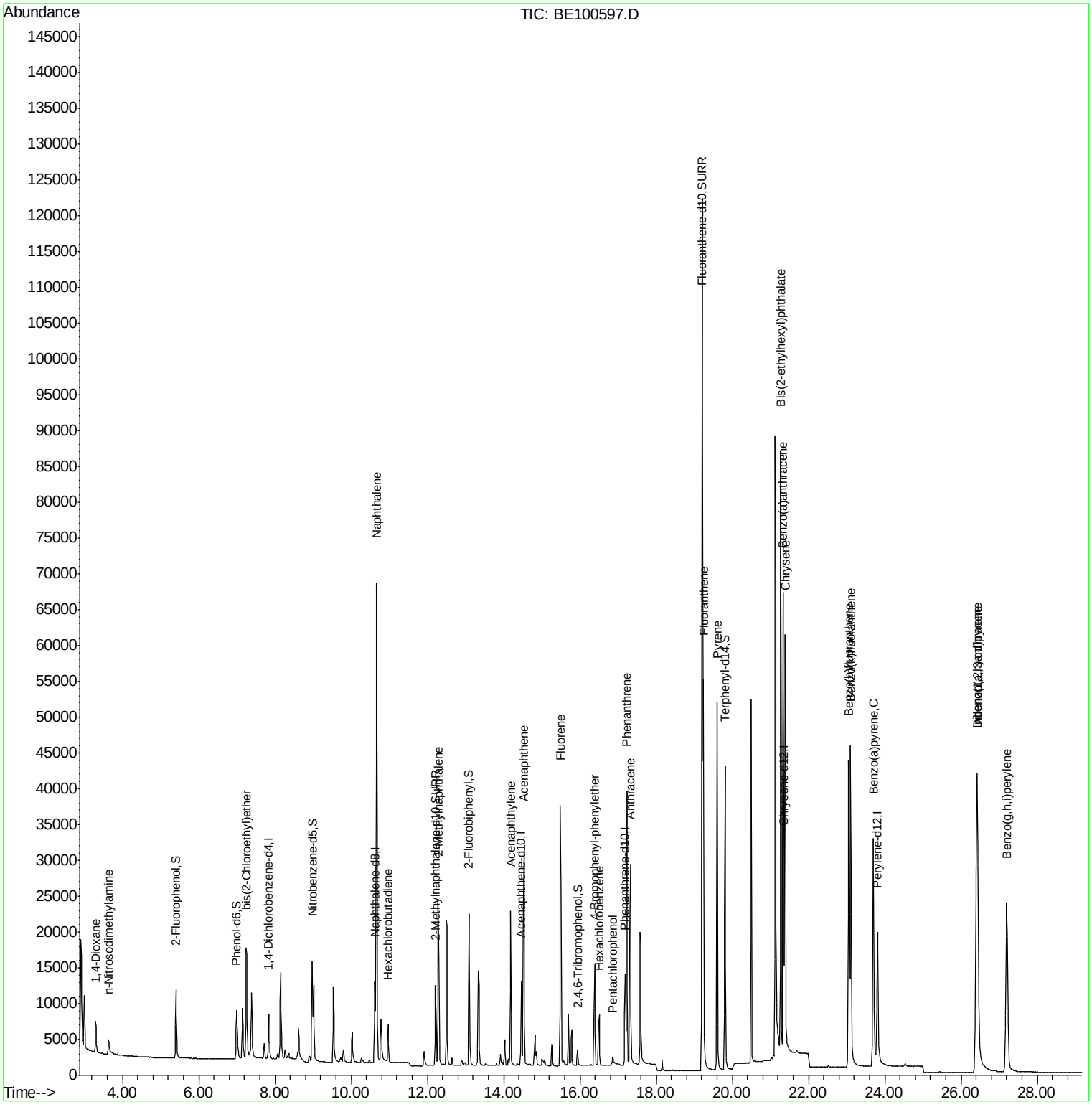
(#) = qualifier out of range (m) = manual integration (+) = signals summed

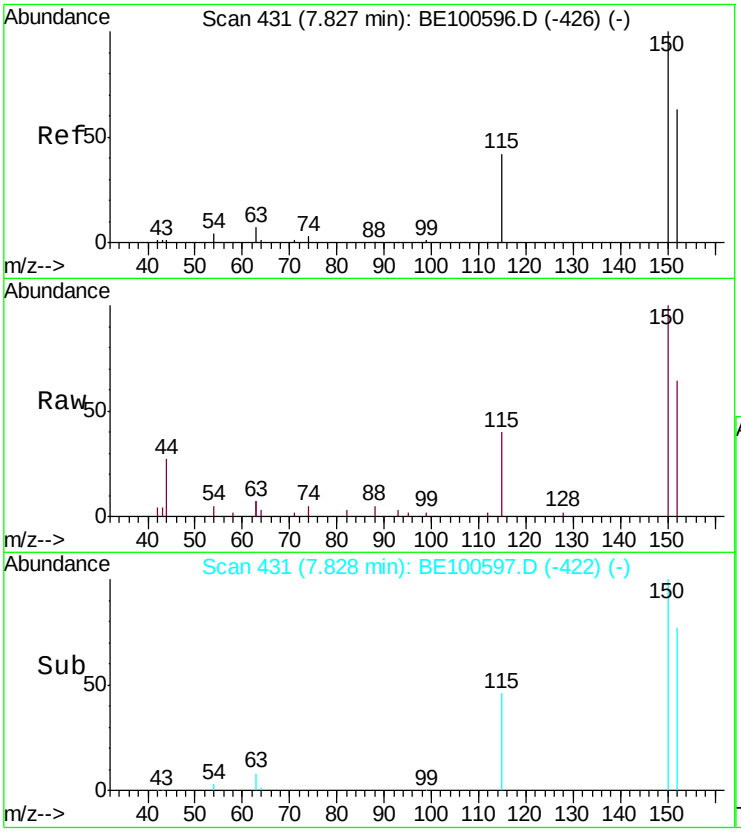
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100319\
Data File : BE100597.D
Acq On : 3 Oct 2019 15:09
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 03 15:47:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 15:15:22 2019
Response via : Initial Calibration



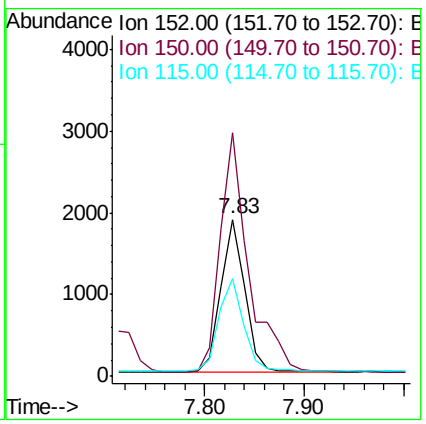


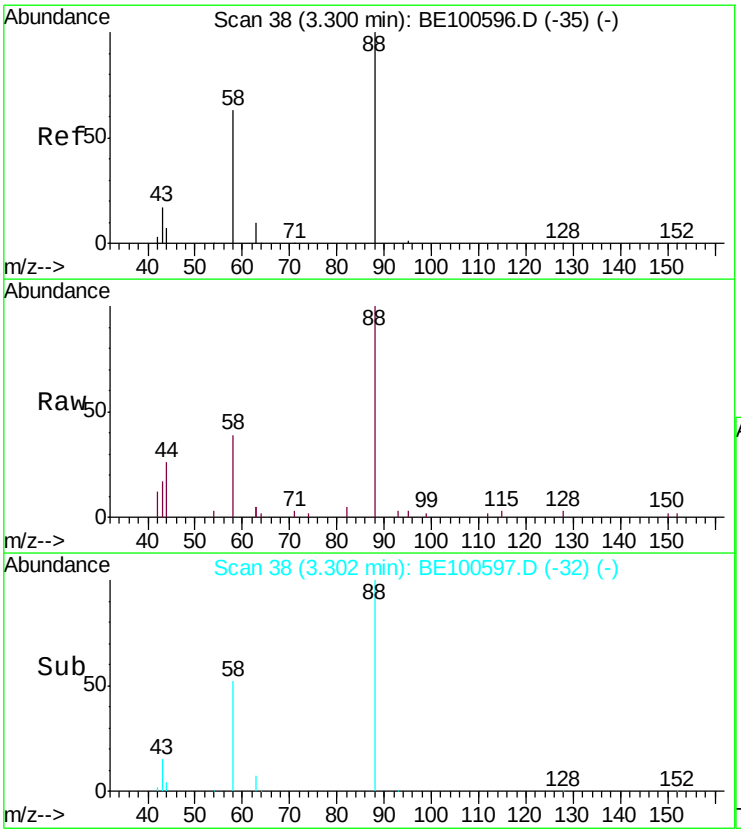
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3145

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.5	189.7
115	62.4	54.6	81.8

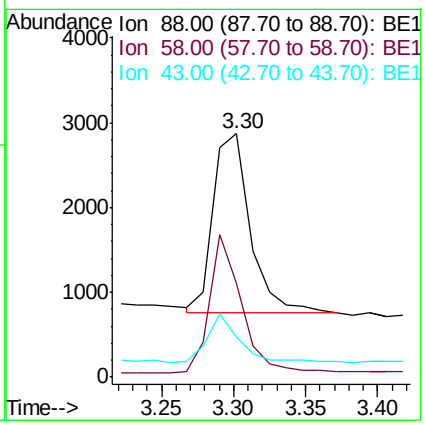


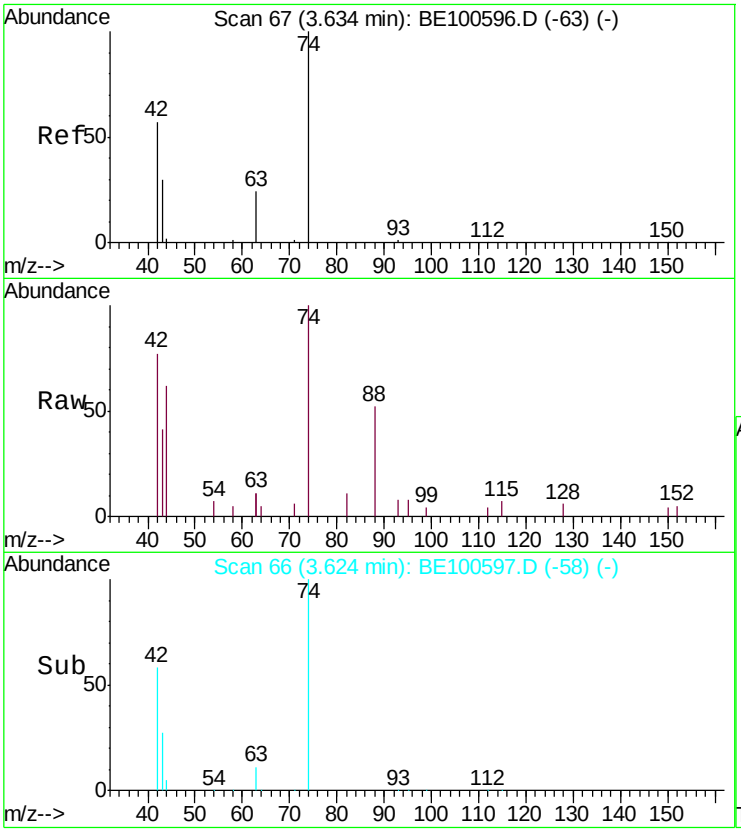


#2
1,4-Dioxane
Concen: 0.767 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion: 88 Resp: 3719

Ion	Ratio	Lower	Upper
88	100		
58	65.9	48.1	72.1
43	23.6	14.4	21.6#



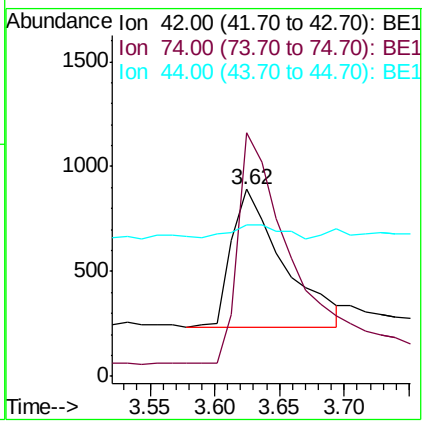


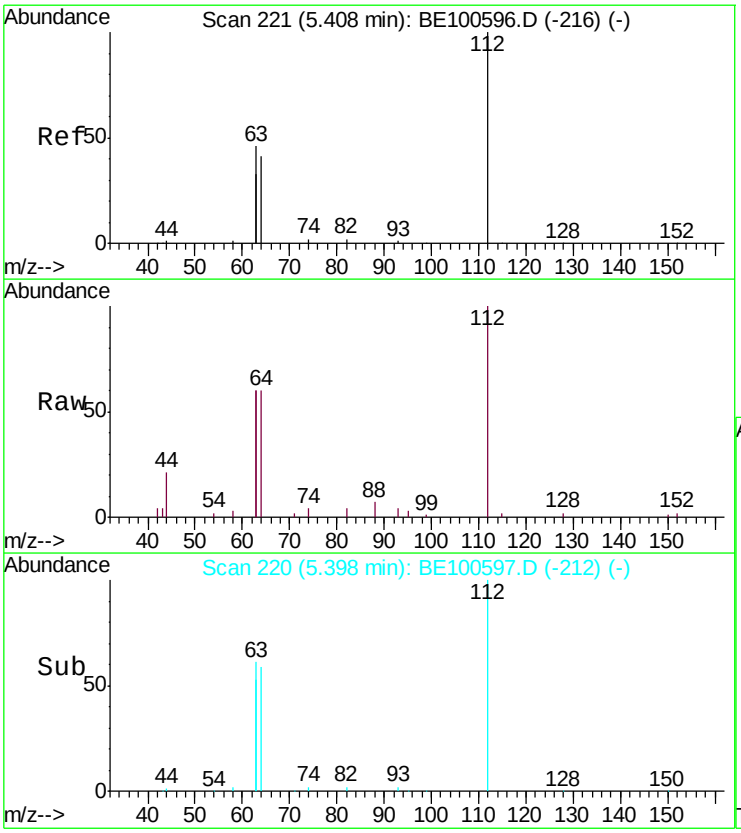
#3
n-Nitrosodimethylamine
Concen: 0.744 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1835

Ion	Ratio	Lower	Upper
42	100		
74	164.1	136.2	204.2
44	9.8	7.4	11.0

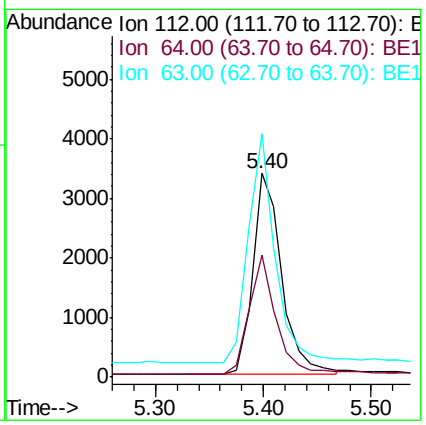


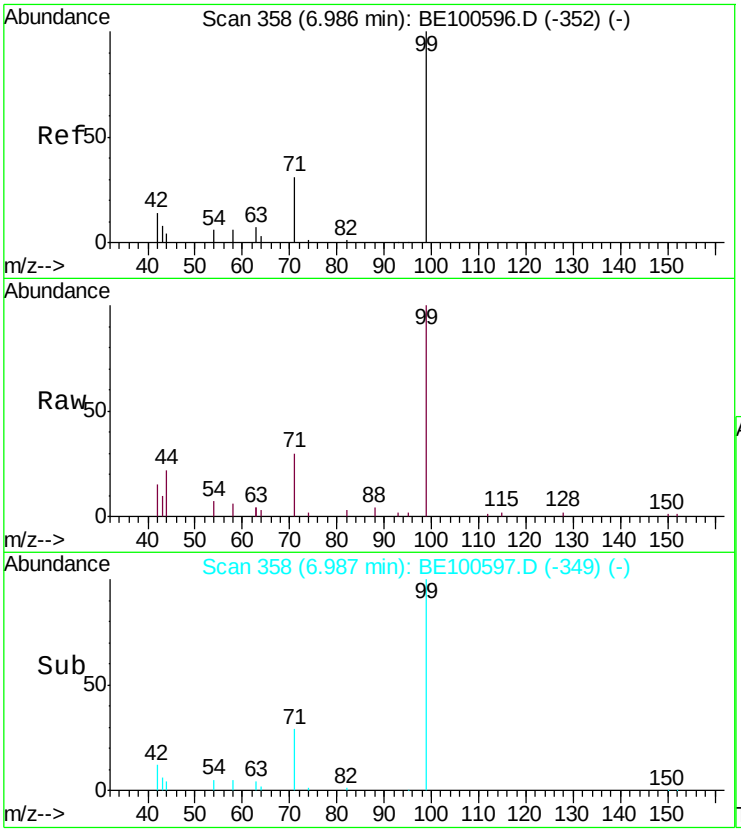


#4
2-Fluorophenol
Concen: 0.733 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.01 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:112 Resp: 6284

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.7	65.5
63	104.8	84.5	126.7



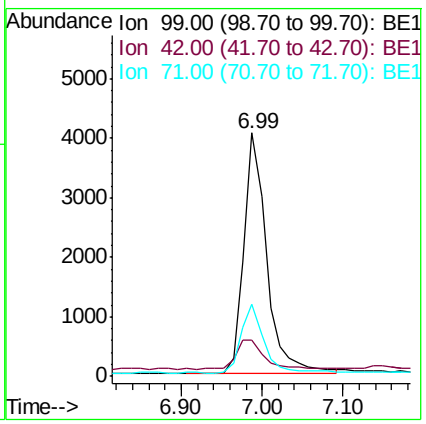


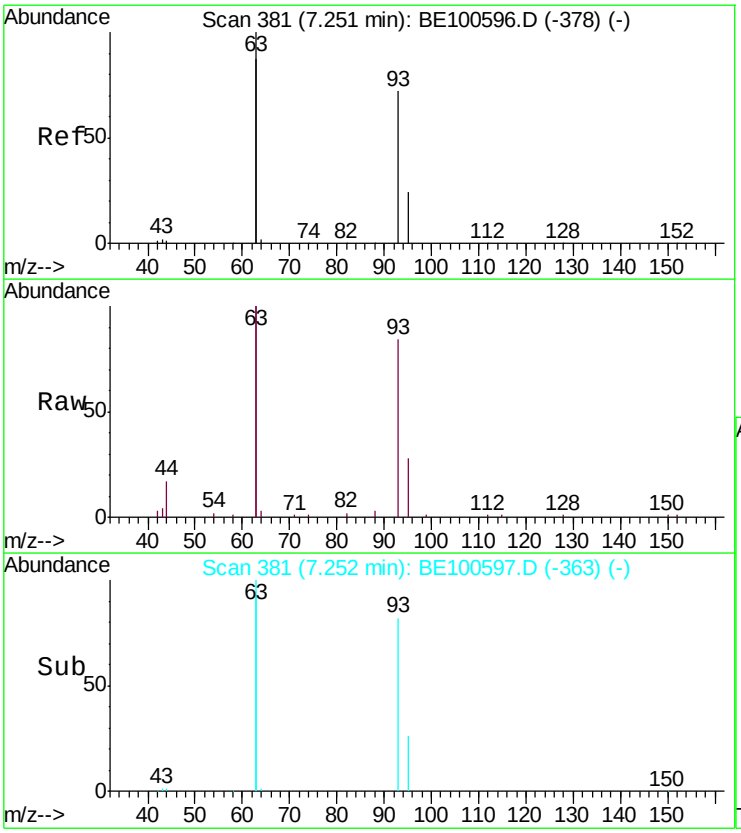
#5
Phenol-d6
Concen: 0.718 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 7951

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.7	17.5
71	28.6	23.0	34.4

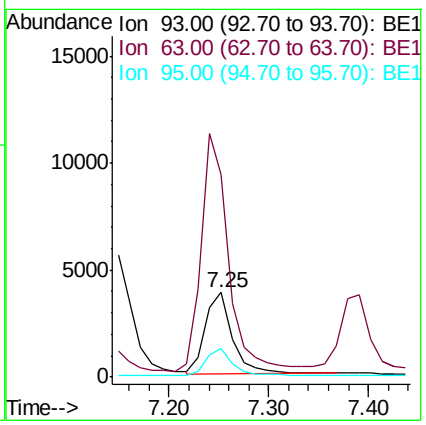


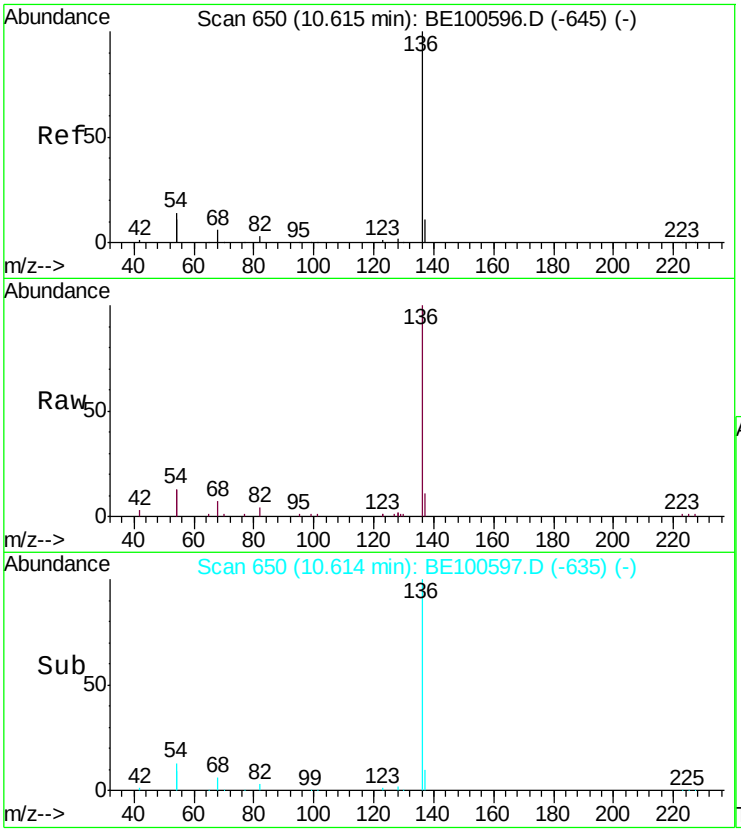


#6
bis(2-Chloroethyl)ether
Concen: 0.717 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion: 93 Resp: 7319

Ion	Ratio	Lower	Upper
93	100		
63	286.0	221.0	331.4
95	32.8	25.4	38.0



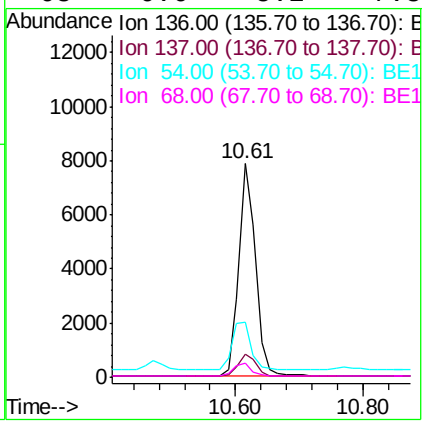


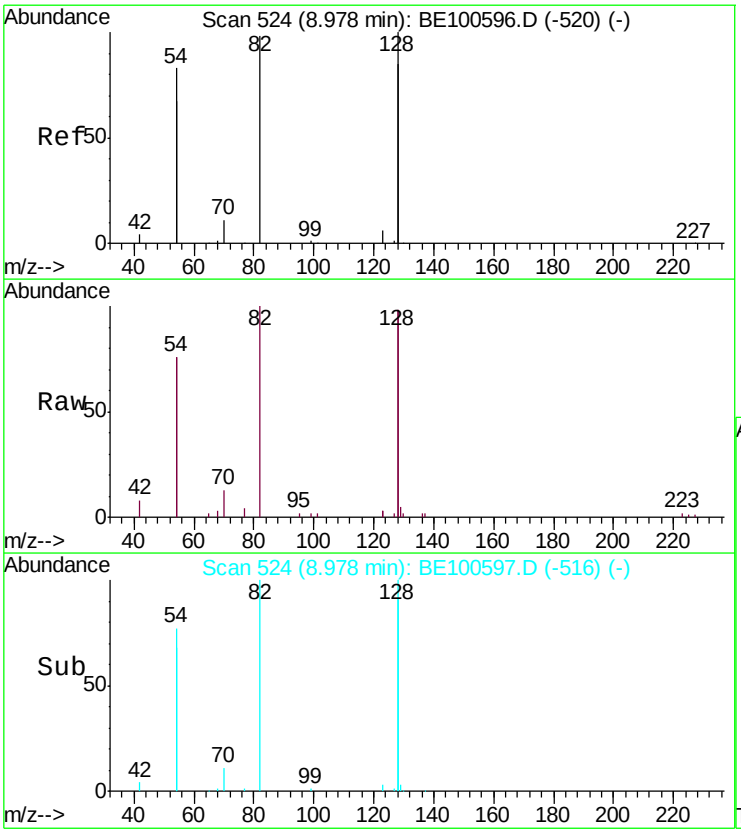
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 14226

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	25.8	22.4	33.6
68	6.6	5.2	7.8

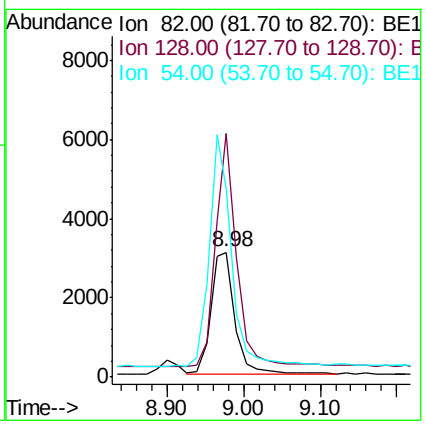


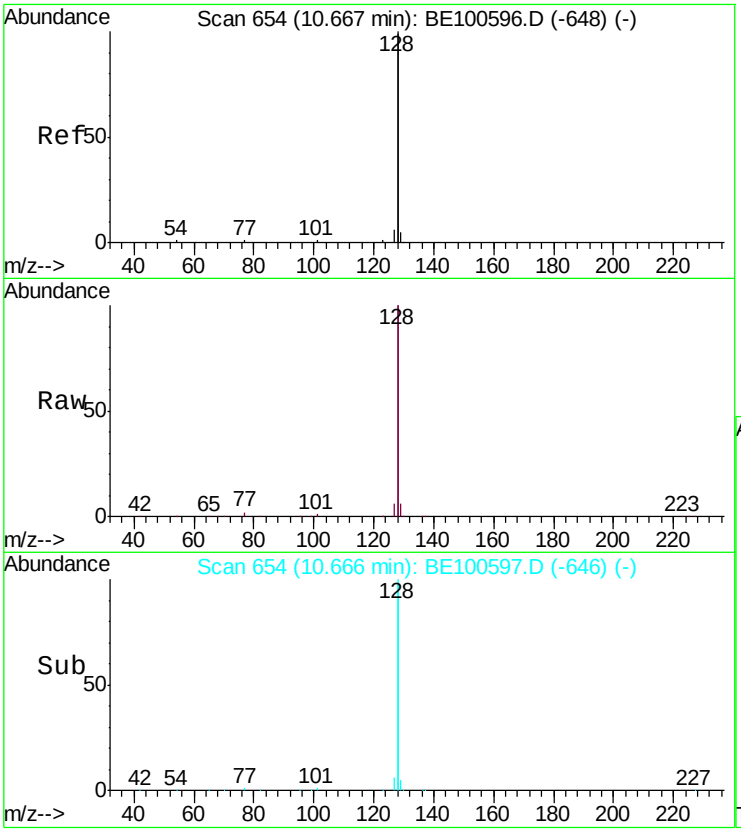


#8
Nitrobenzene-d5
Concen: 0.714 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion: 82 Resp: 6582

Ion	Ratio	Lower	Upper
82	100		
128	195.2	154.7	232.1
54	151.1	128.5	192.7



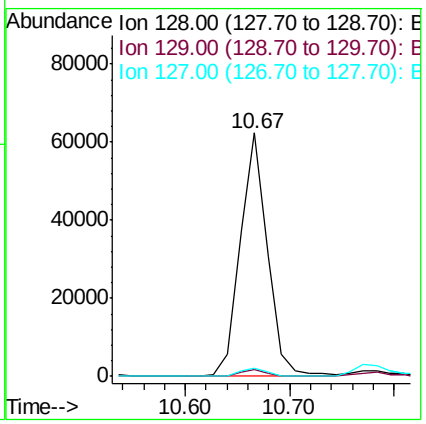


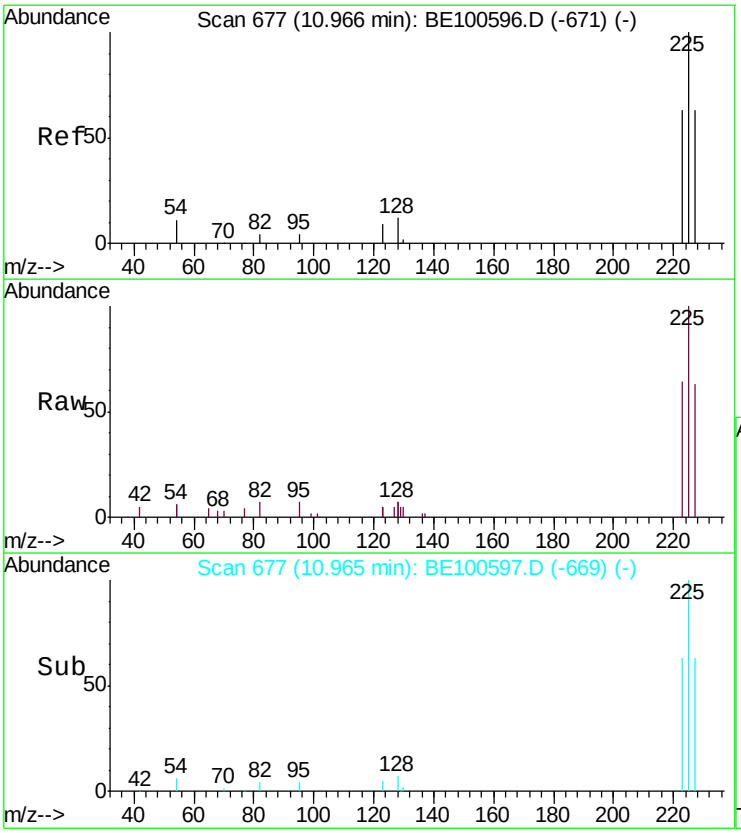
#9
Naphthalene
Concen: 0.760 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 111610

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.2	2.6	4.0

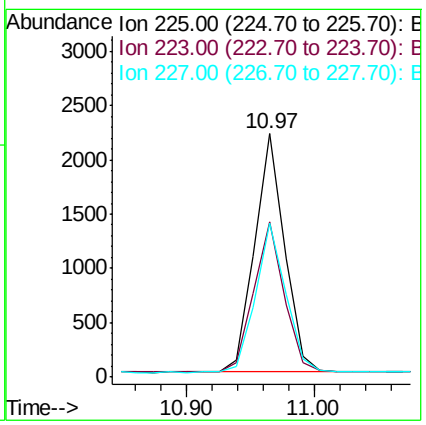


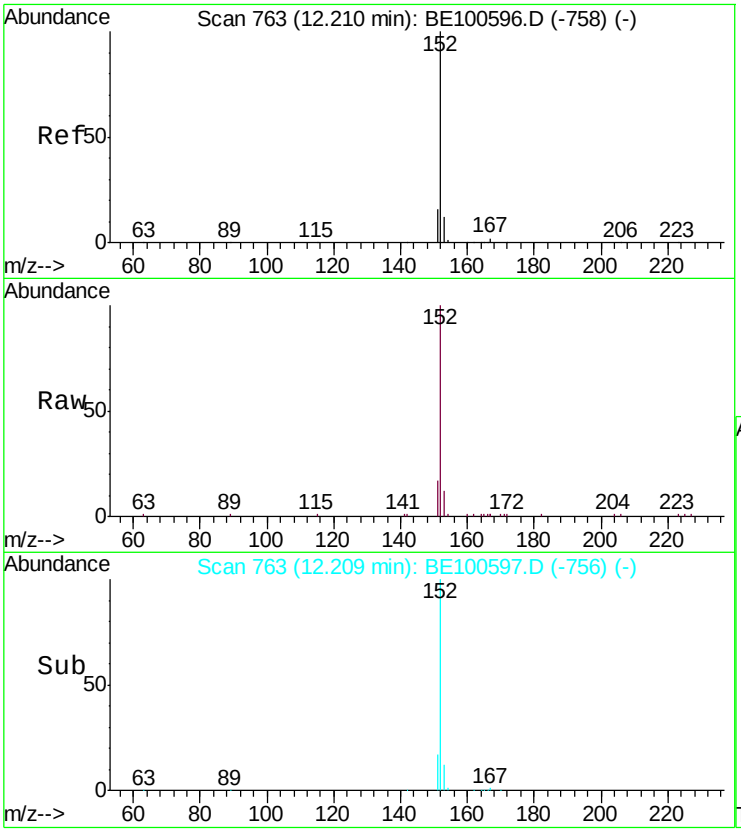


#10
Hexachlorobutadiene
Concen: 0.769 ng
RT: 10.97 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:225 Resp: 3575

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.8
227	63.1	50.1	75.1



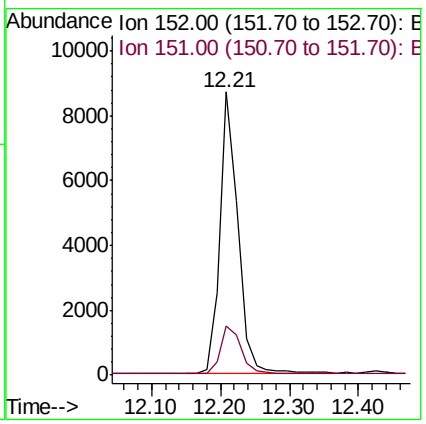


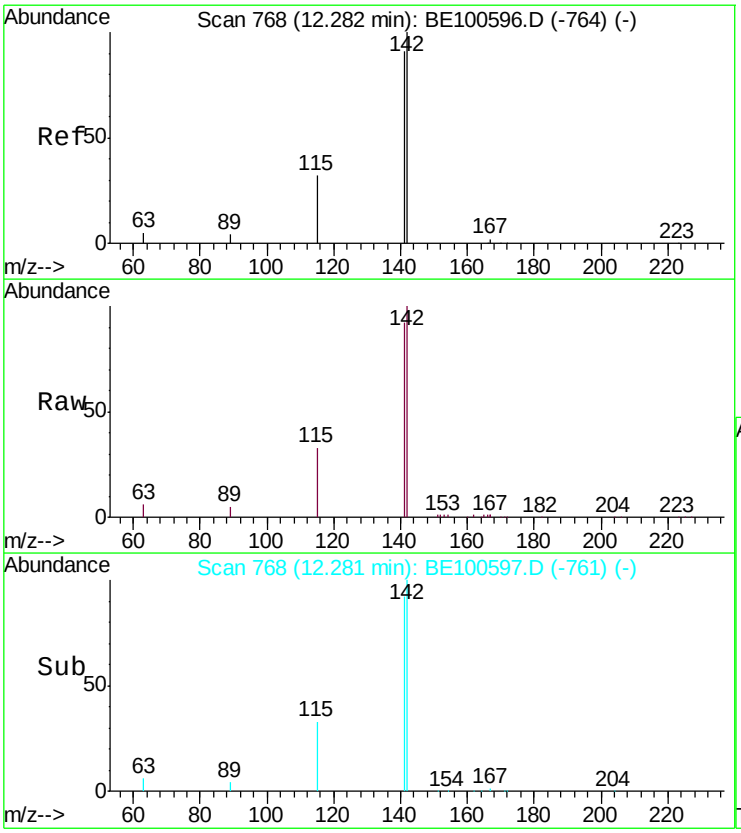
#11
2-Methylnaphthalene-d10
Concen: 0.757 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 15915

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8

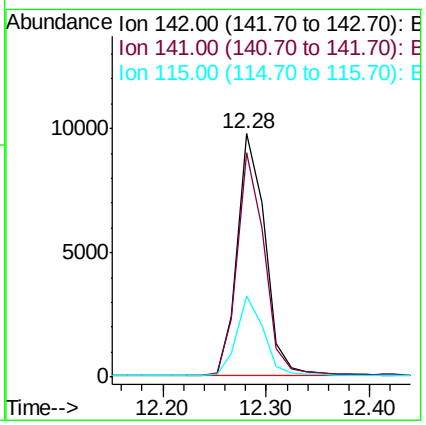


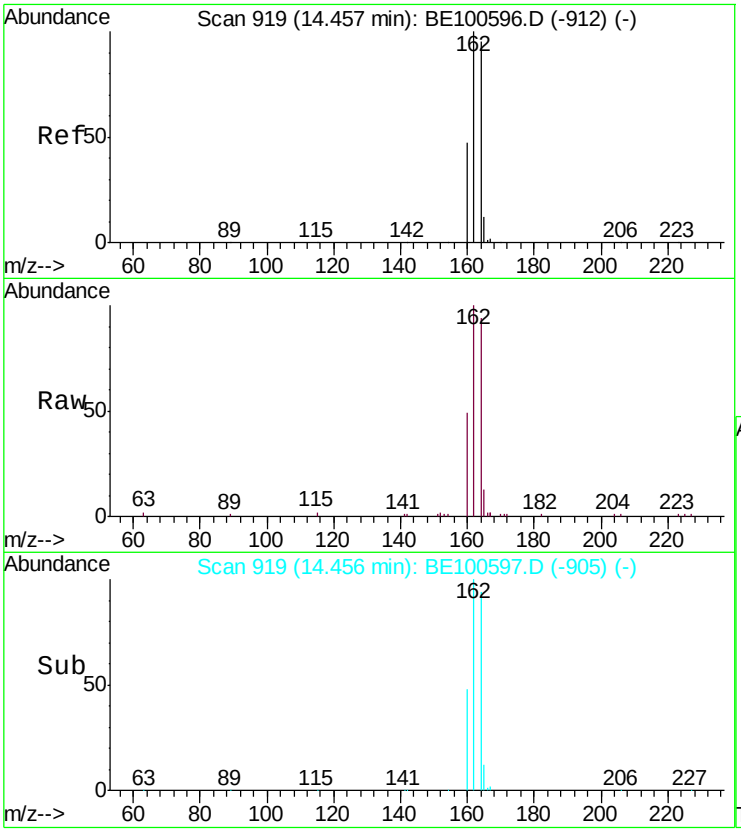


#12
2-Methylnaphthalene
Concen: 0.756 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:142 Resp: 18193

Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.6	108.8
115	33.1	26.6	40.0



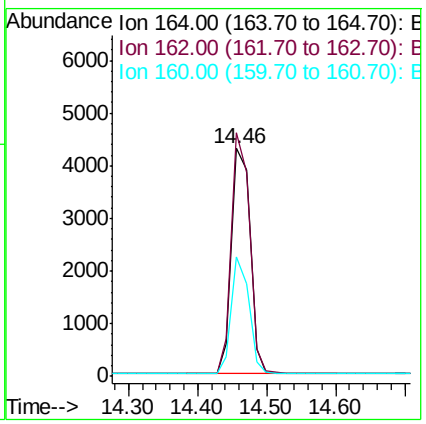


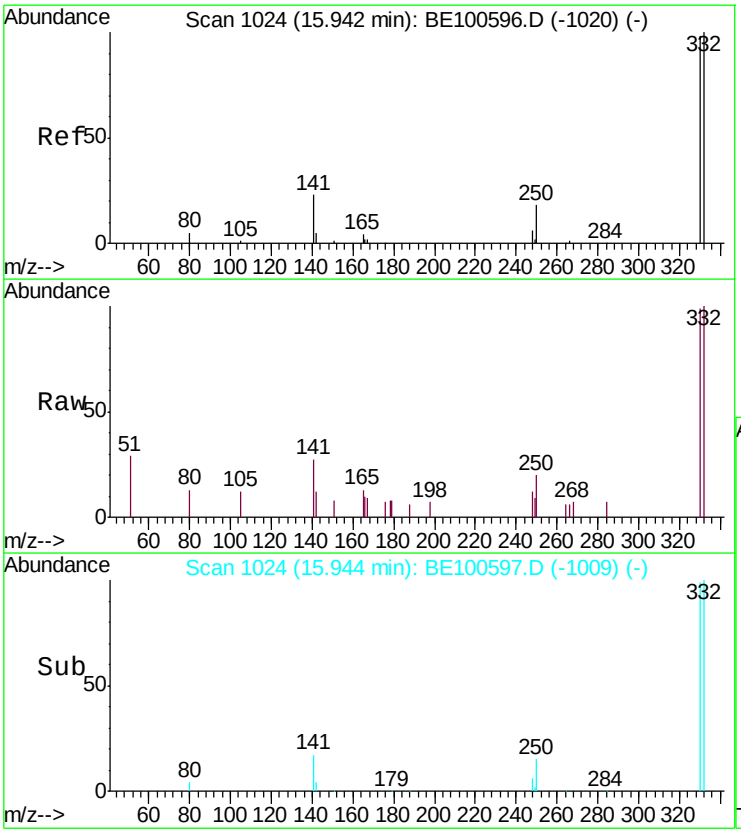
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 8031

Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.2	126.4
160	52.1	40.2	60.4

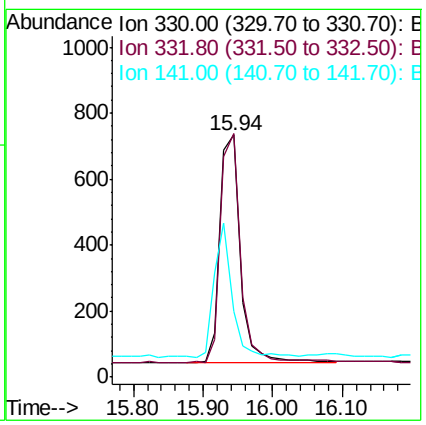


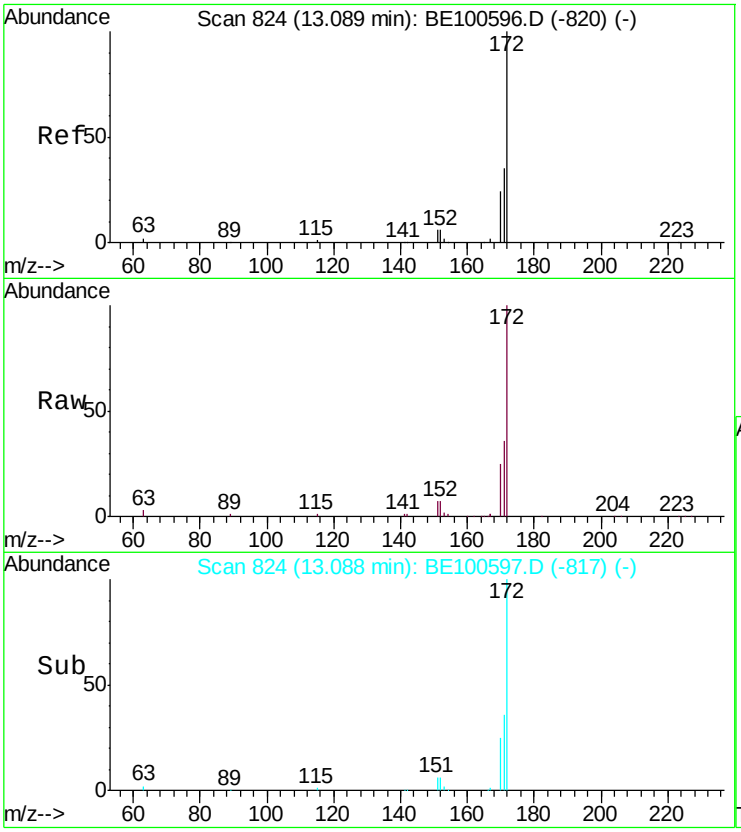


#14
2,4,6-Tribromophenol
Concen: 0.801 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:330 Resp: 1406

Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.5	117.7
141	49.6	39.4	59.0



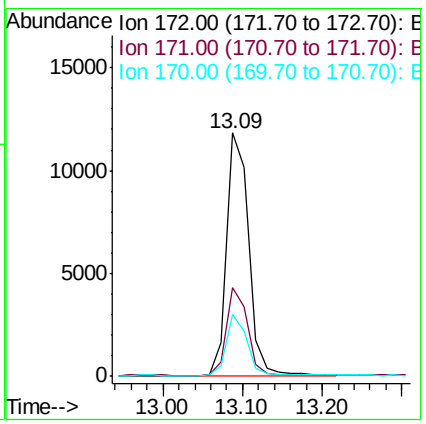


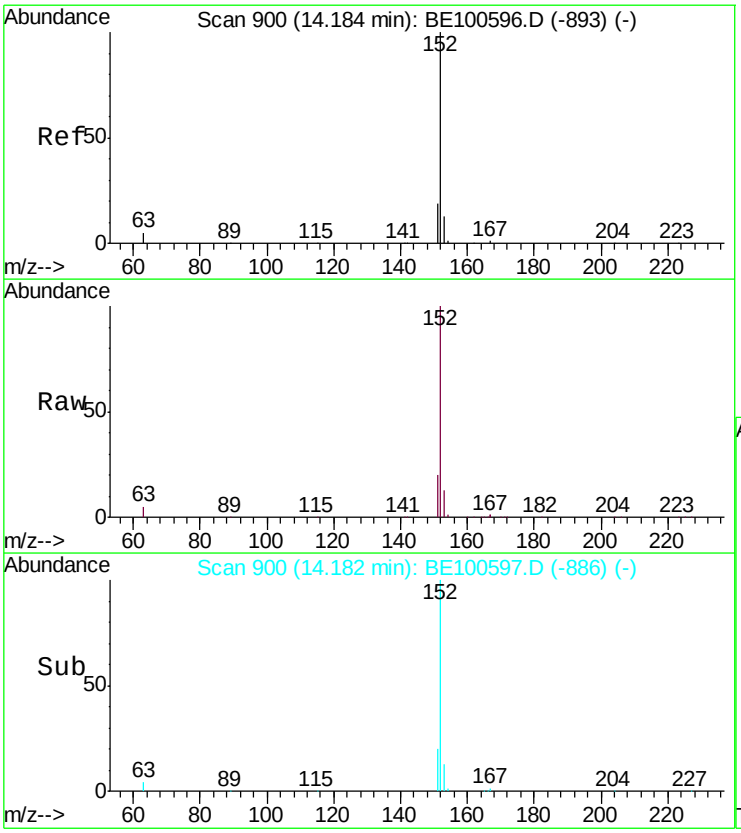
#15
2-Fluorobiphenyl
Concen: 0.774 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 22477

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.7	43.1
170	25.3	19.8	29.8

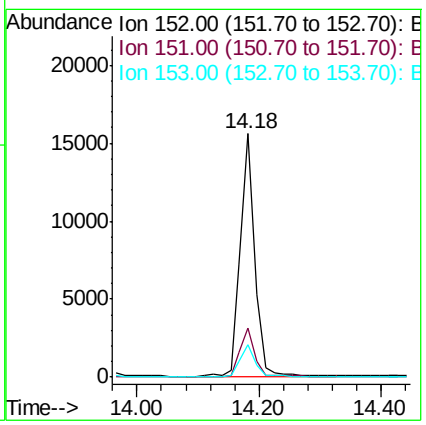


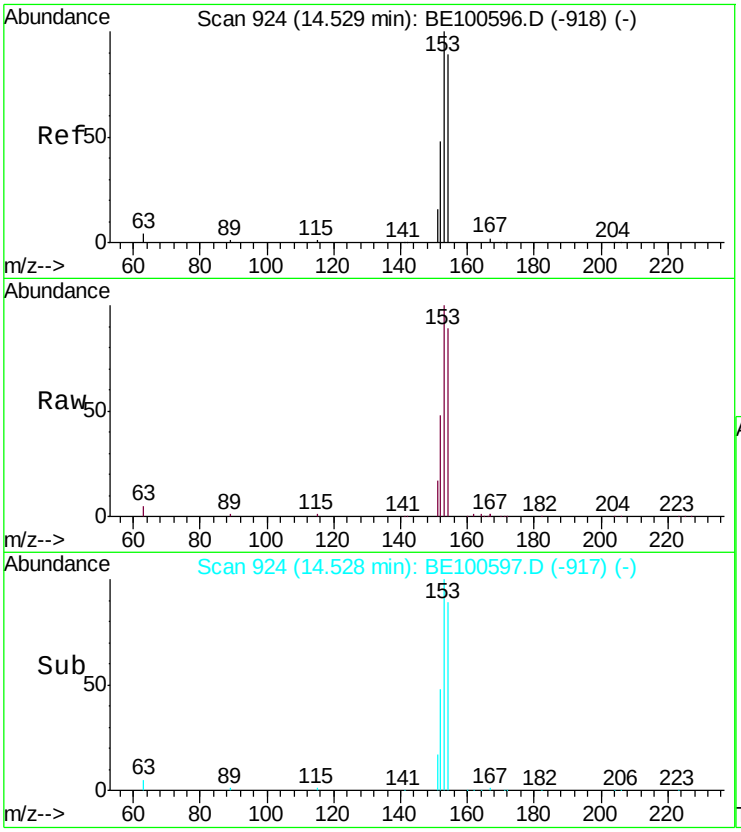


#16
Acenaphthylene
Concen: 0.753 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:152 Resp: 25792

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.3	10.4	15.6



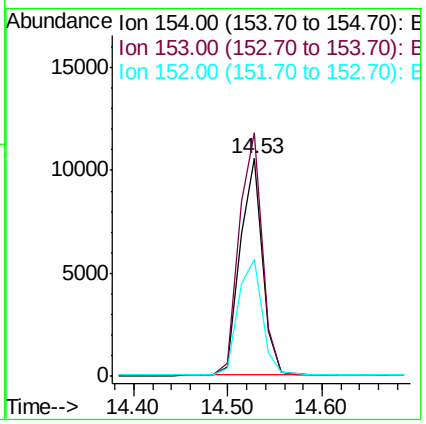


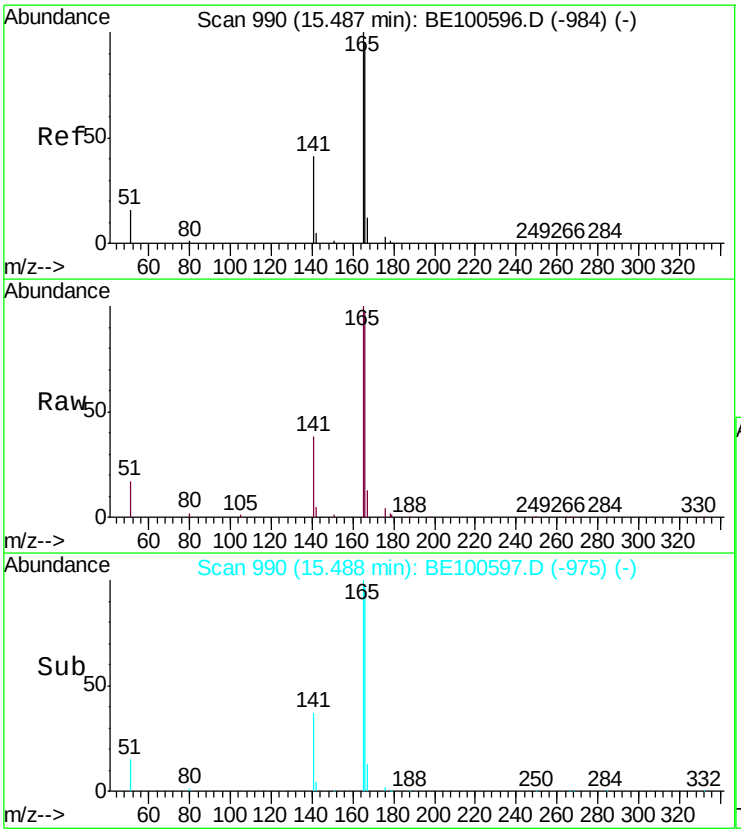
#17
Acenaphthene
Concen: 0.761 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 17426

Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.3	138.5
152	57.8	46.2	69.2

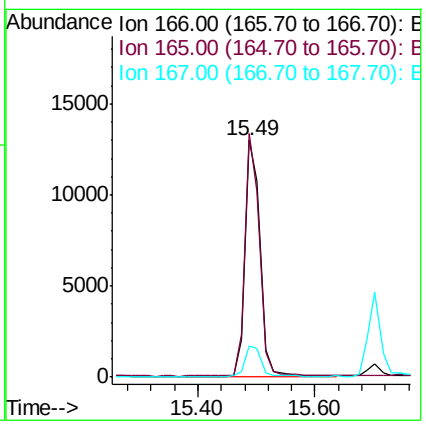


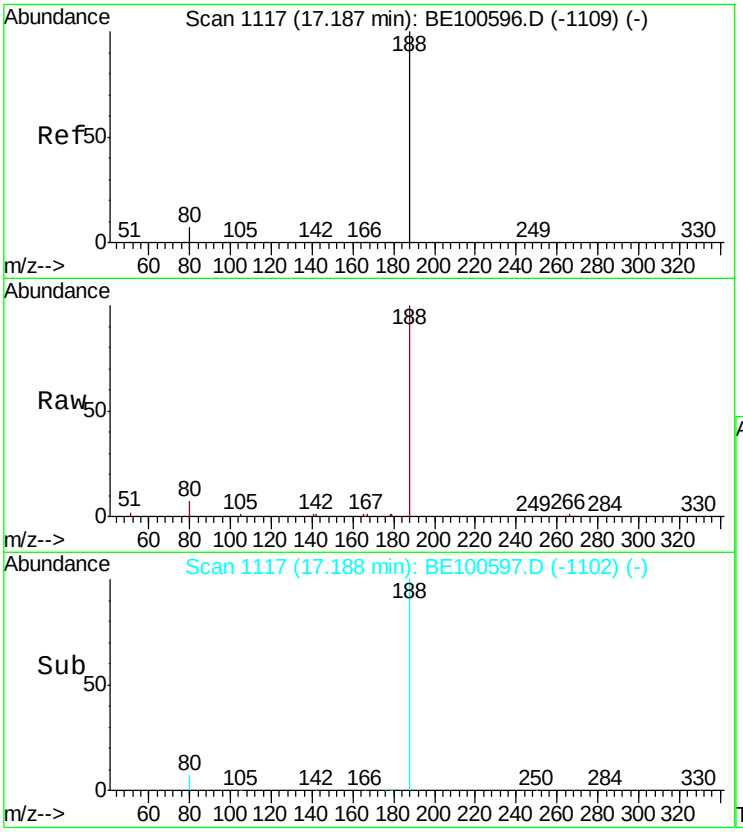


#18
Fluorene
Concen: 0.777 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:166 Resp: 22417

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.4	120.6
167	13.4	10.6	15.8



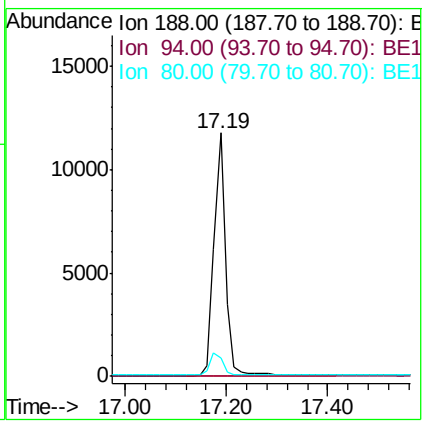


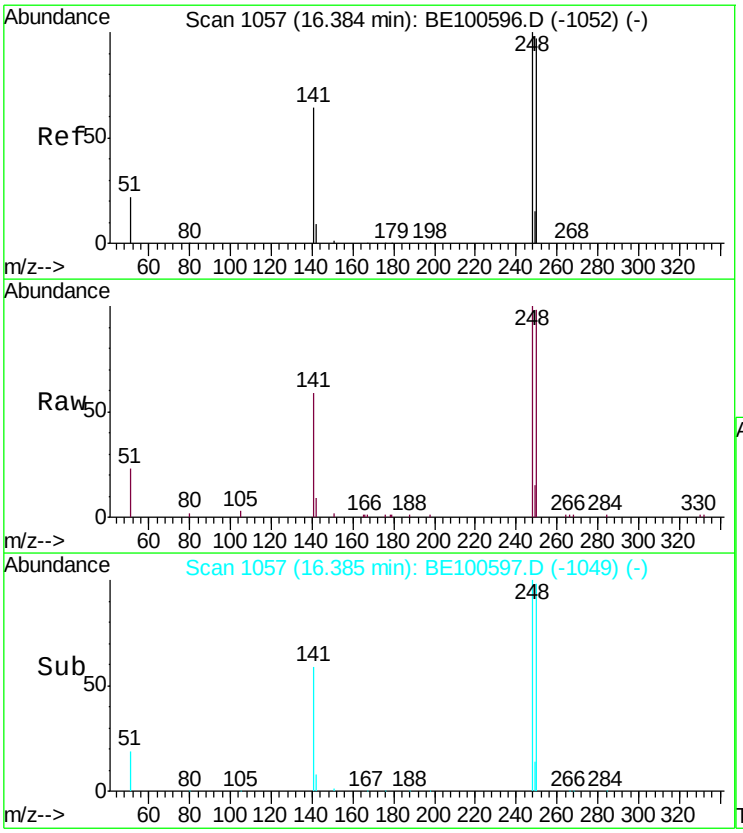
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 18371

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.2	9.2

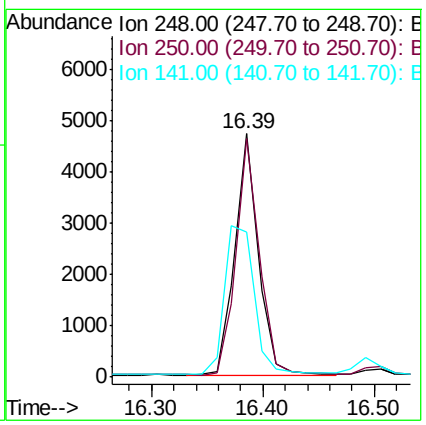


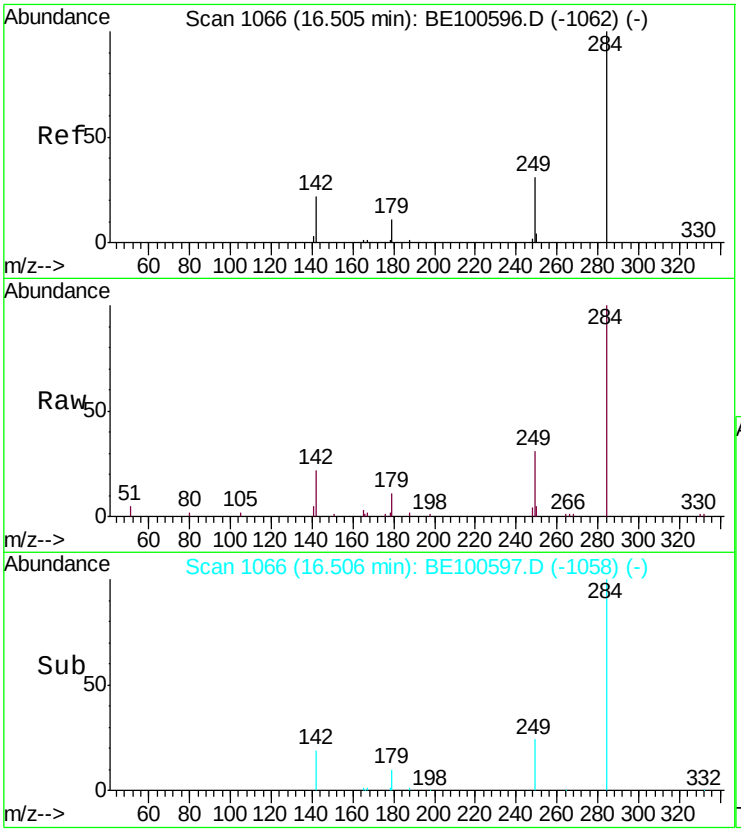


#20
4-Bromophenyl-phenylether
Concen: 0.760 ng
RT: 16.39 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:248 Resp: 6828

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.4	116.0
141	59.5	52.1	78.1



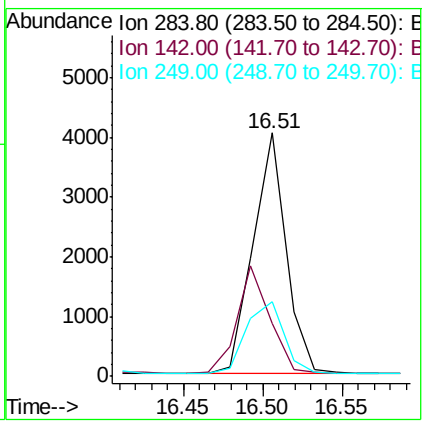


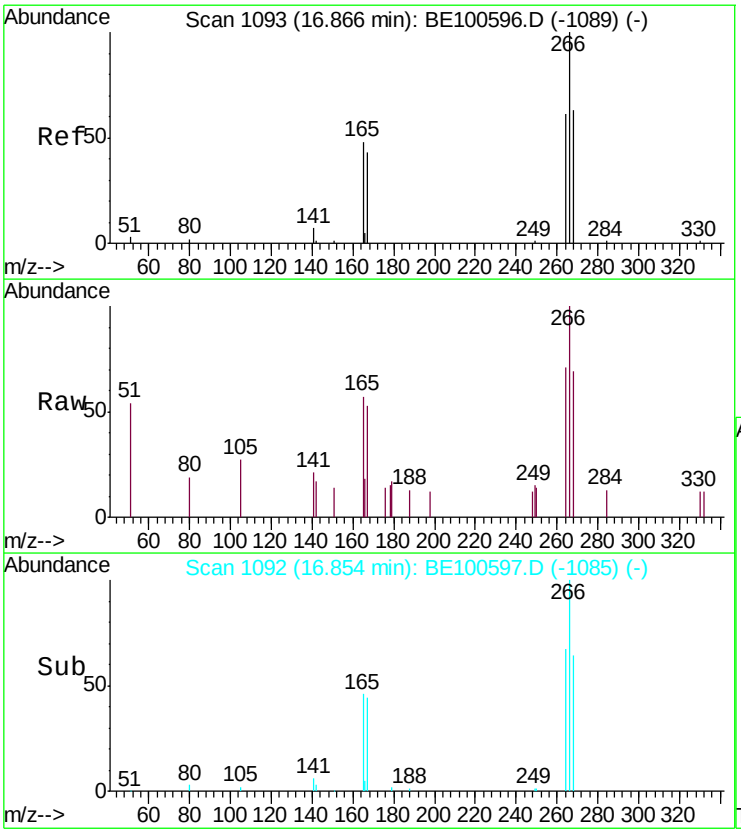
#21
Hexachlorobenzene
Concen: 0.780 ng
RT: 16.51 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 5763

Ion	Ratio	Lower	Upper
284	100		
142	44.4	35.1	52.7
249	33.9	27.2	40.8

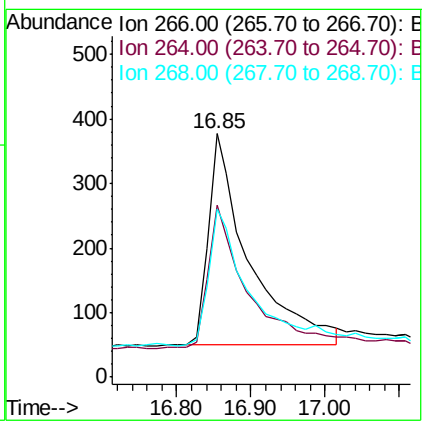


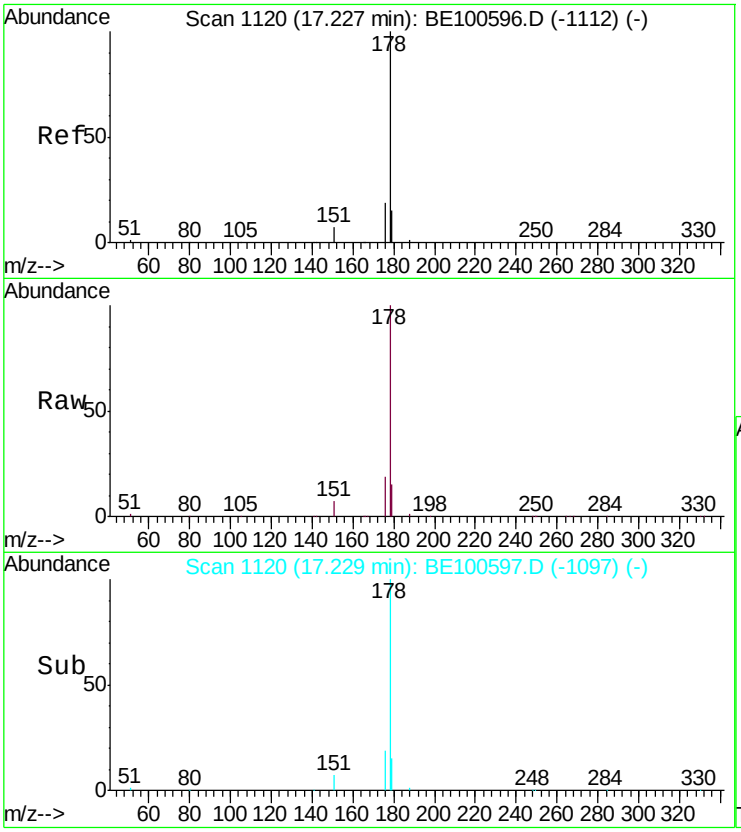


#22
Pentachlorophenol
Concen: 0.566 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:266 Resp: 1248

Ion	Ratio	Lower	Upper
266	100		
264	70.8	56.3	84.5
268	69.0	60.3	90.5



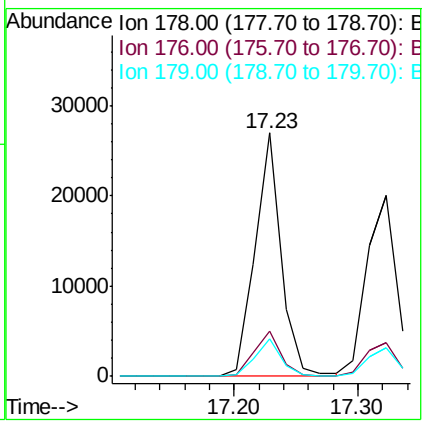


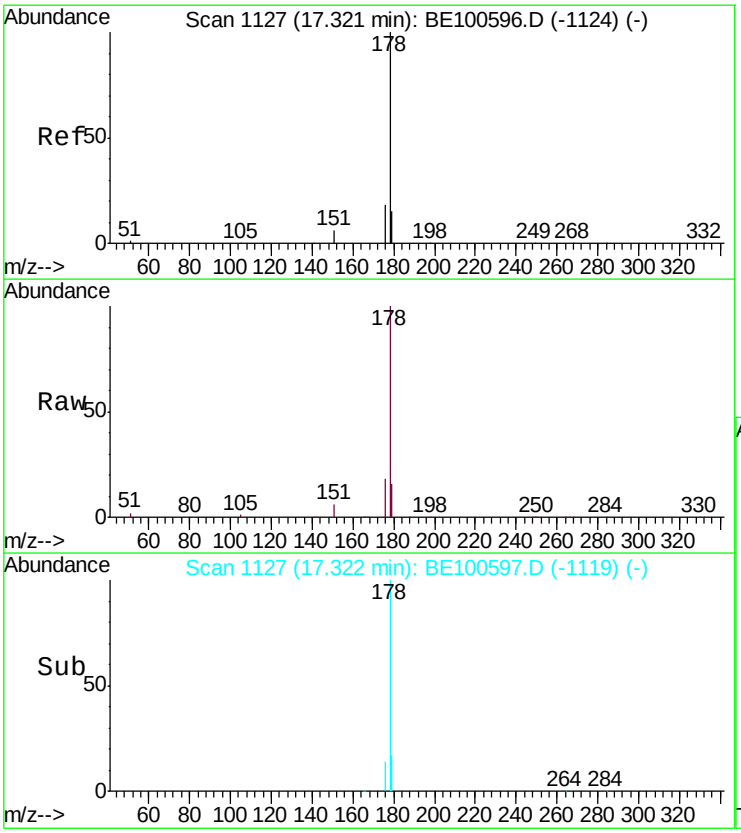
#23
Phenanthrene
Concen: 0.751 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 39157

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.3	18.5

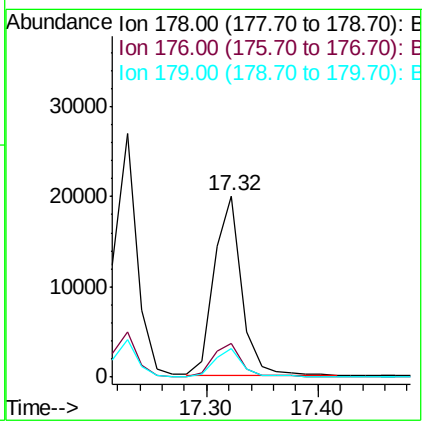


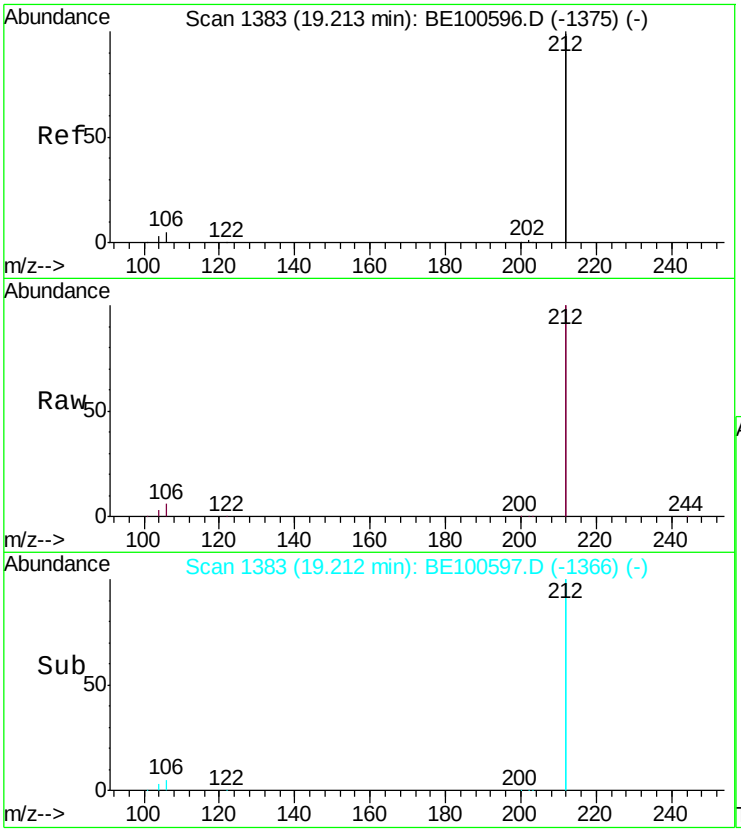


#24
Anthracene
Concen: 0.749 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:178 Resp: 33687

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.2	18.4



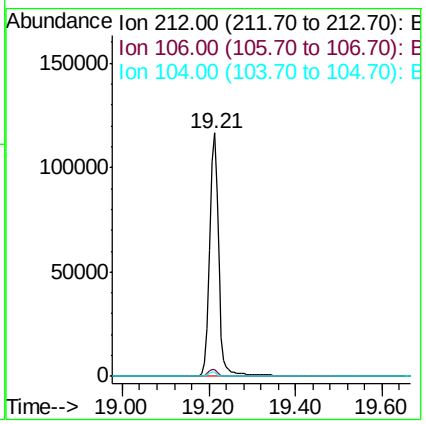


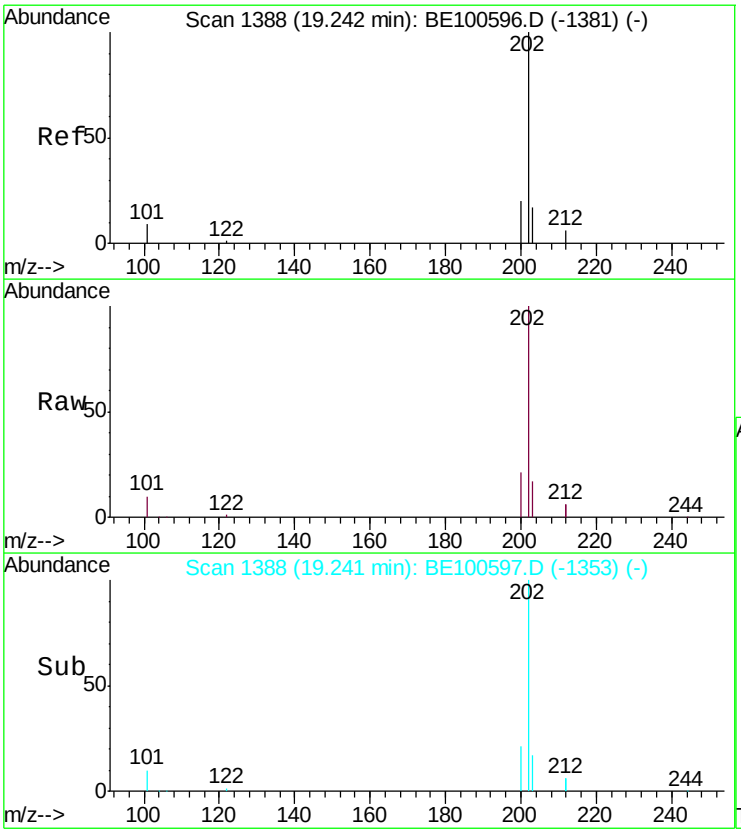
#25
Fluoranthene-d10
Concen: 0.745 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 170669

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.7	1.3	1.9

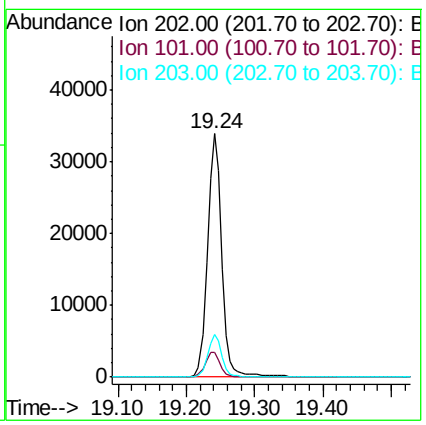


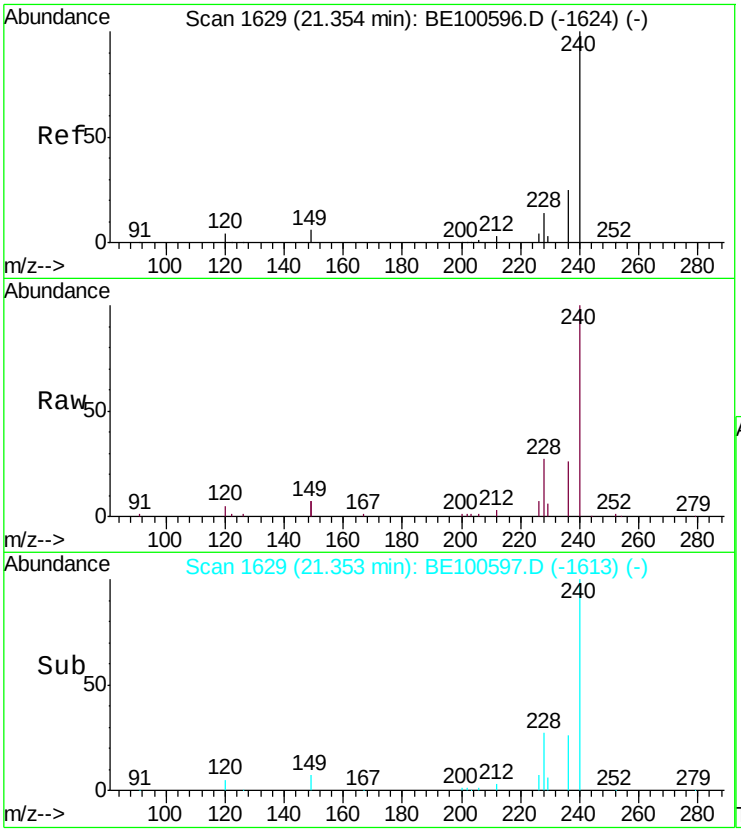


#26
Fluoranthene
Concen: 0.751 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:202 Resp: 48560

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	12.8
203	17.3	13.8	20.6



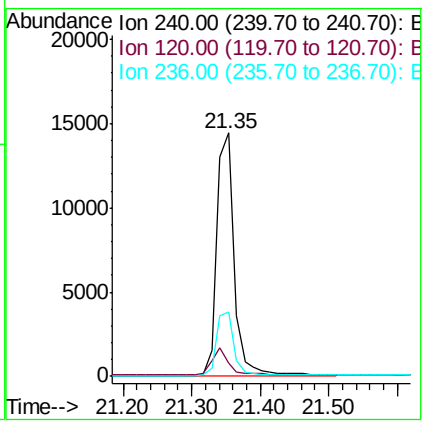


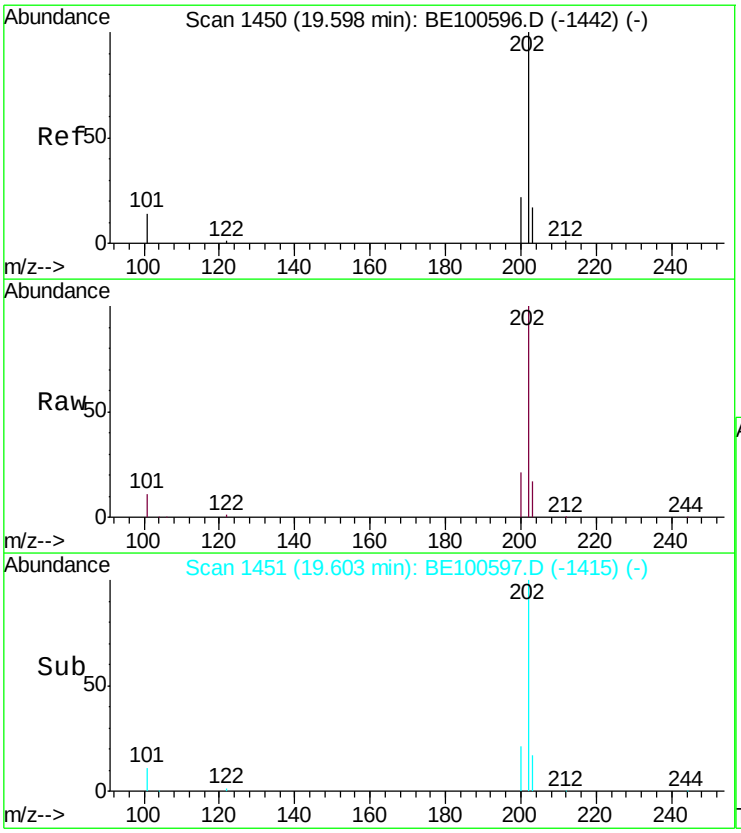
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 25396

Ion	Ratio	Lower	Upper
240	100		
120	5.3	3.6	5.4
236	26.2	20.5	30.7

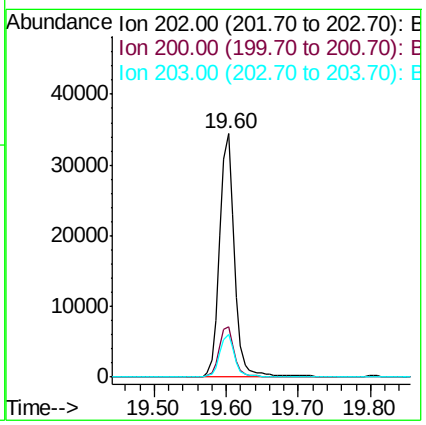


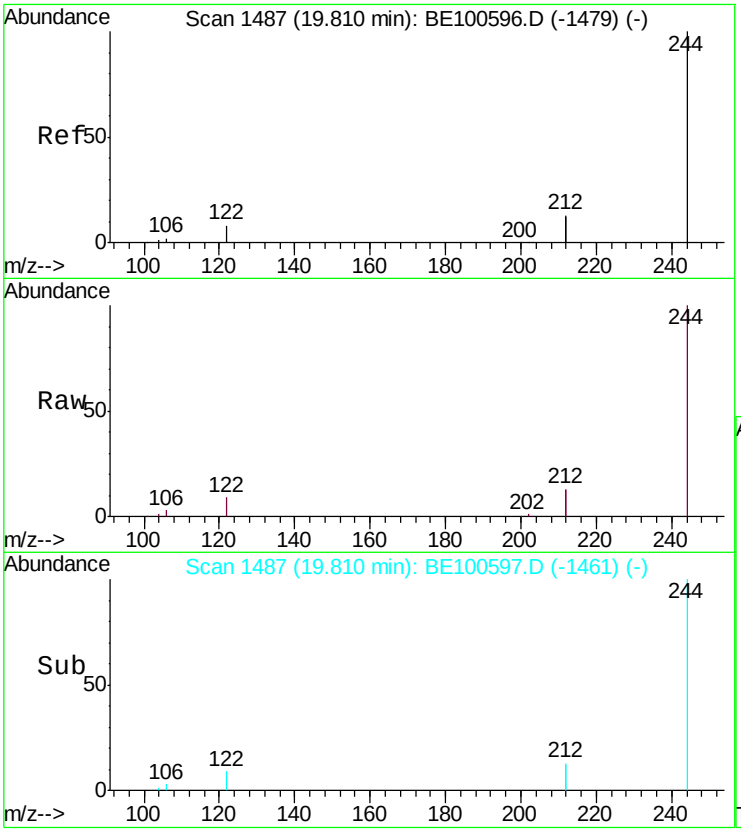


#28
Pyrene
Concen: 0.775 ng
RT: 19.60 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:202 Resp: 48755

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.5	14.1	21.1



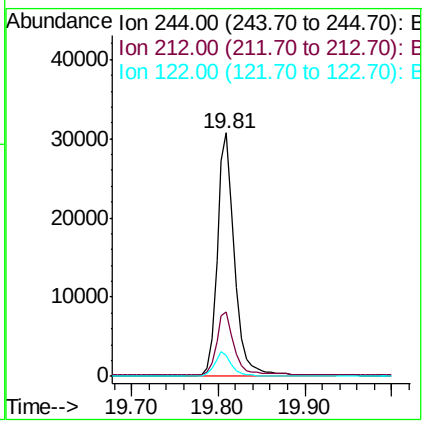


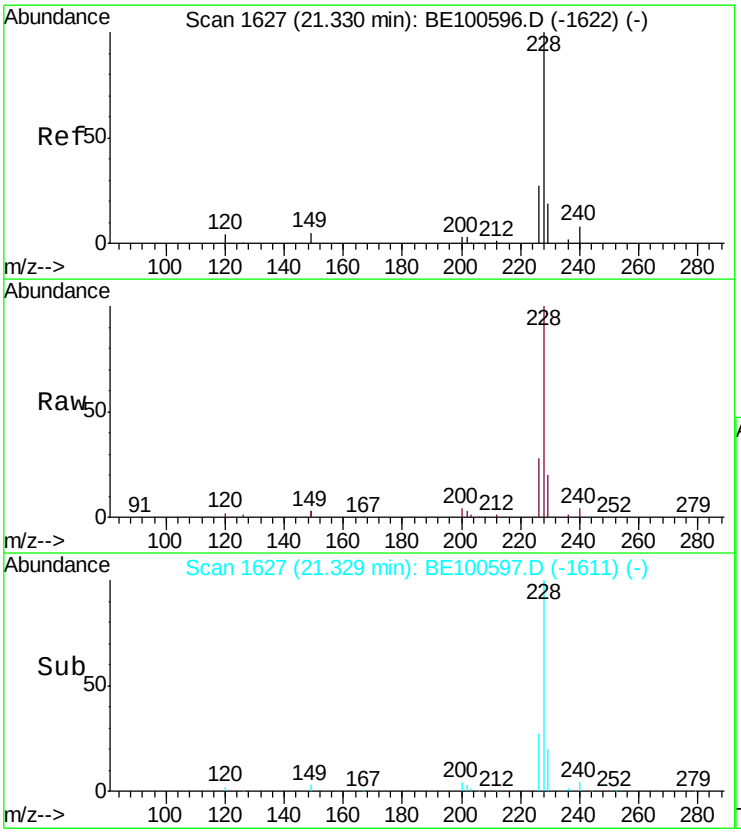
#29
Terphenyl-d14
Concen: 0.780 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 42684

Ion	Ratio	Lower	Upper
244	100		
212	26.3	20.6	31.0
122	8.8	6.5	9.7

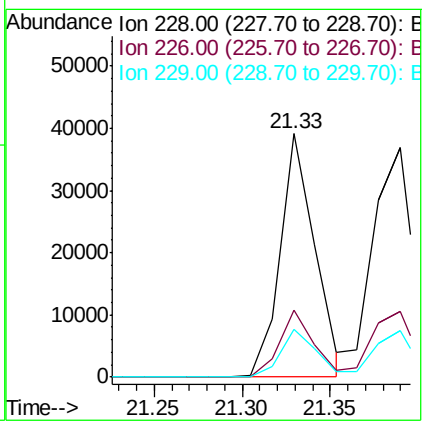


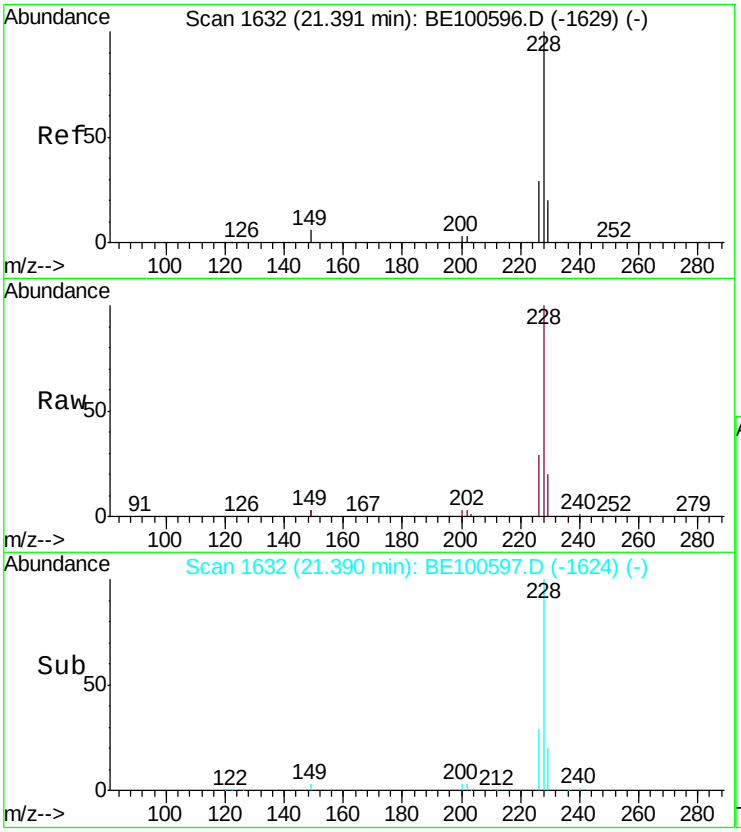


#30
Benzo(a)anthracene
Concen: 0.723 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:228 Resp: 53467

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.5	32.3
229	19.6	15.6	23.4



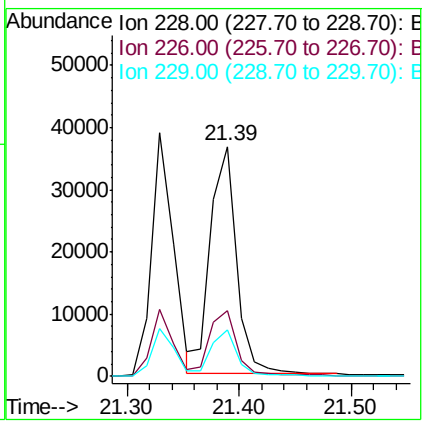


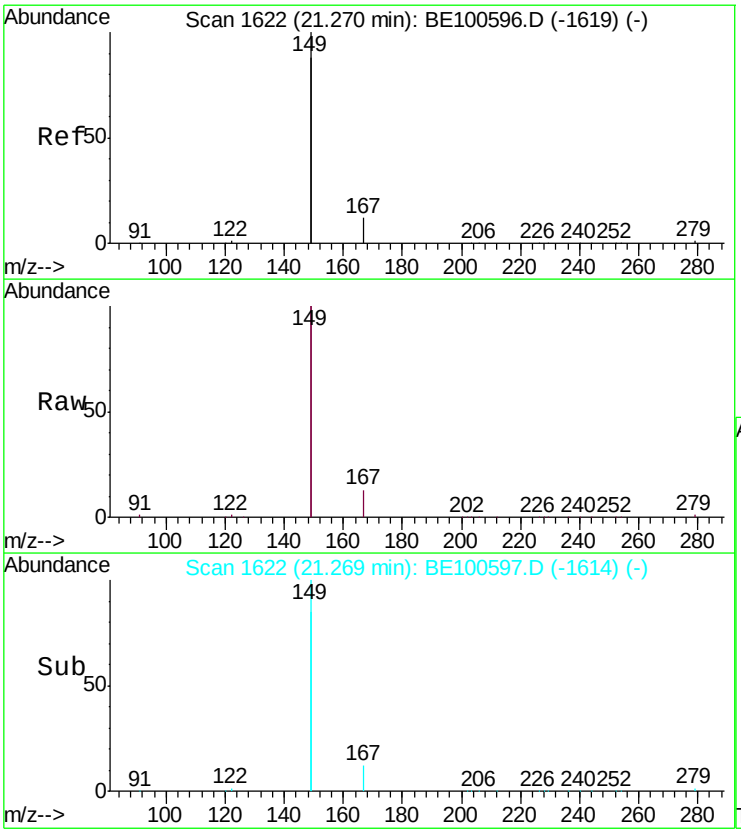
#31
Chrysene
Concen: 0.768 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 58764

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	20.2	16.3	24.5

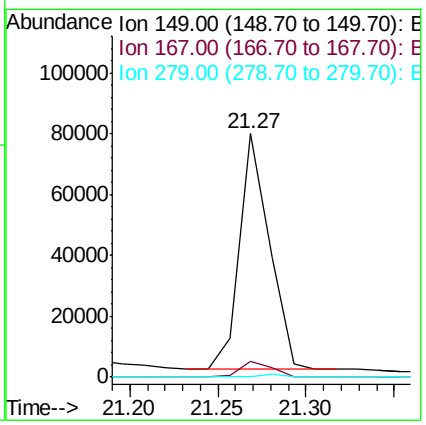


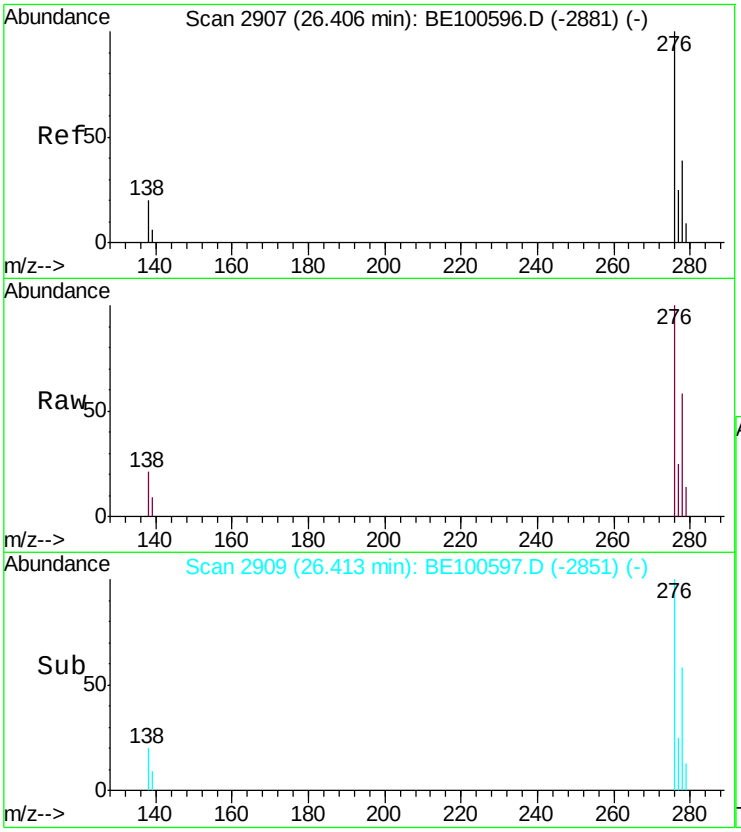


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.461 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:149 Resp: 91779

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.9	1.3



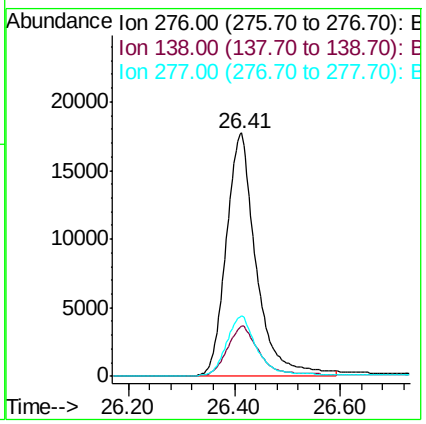


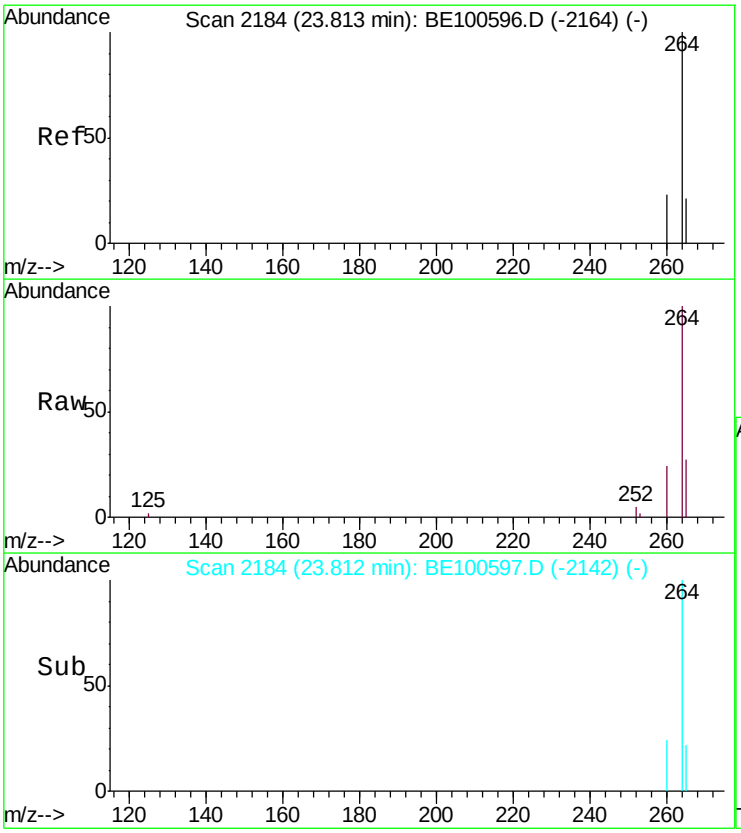
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.784 ng
RT: 26.41 min Scan# 2909
Delta R.T. 0.01 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 69404

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.8	26.8
277	25.0	19.8	29.8

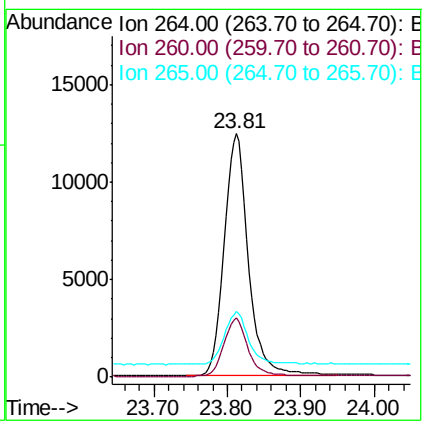


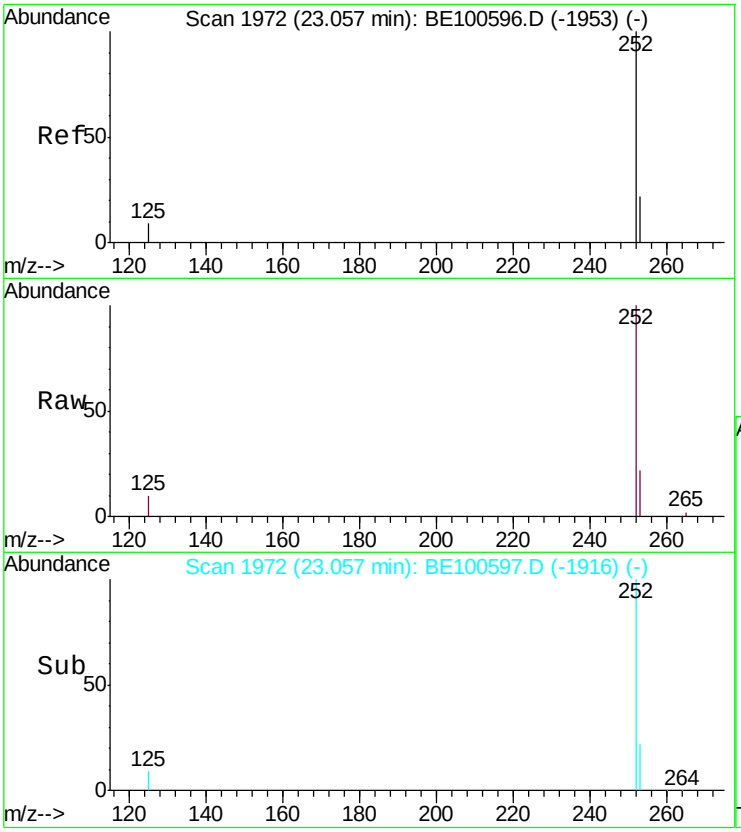


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:264 Resp: 29121

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	26.9	20.9	31.3



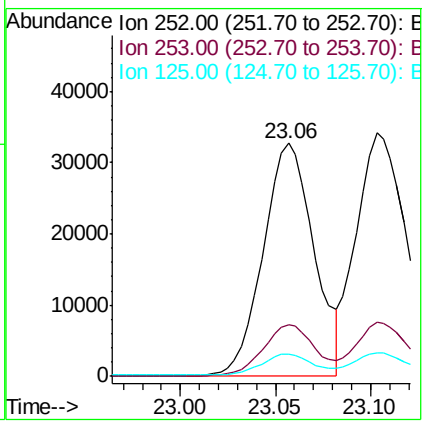


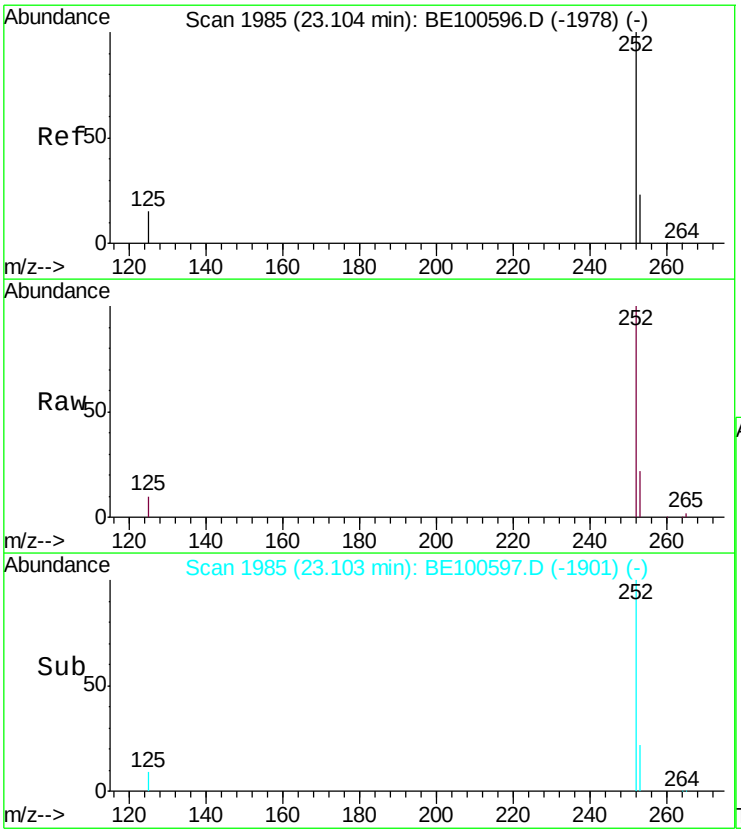
#35
Benzo(b)fluoranthene
Concen: 0.770 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 60516

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	9.5	7.9	11.9

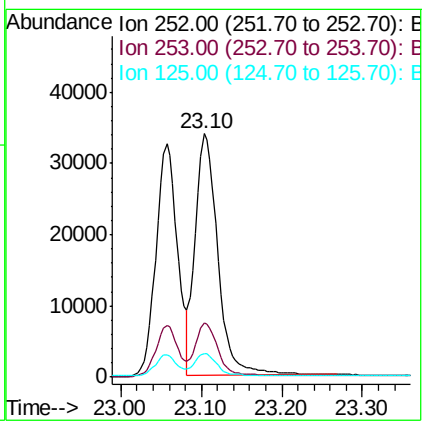


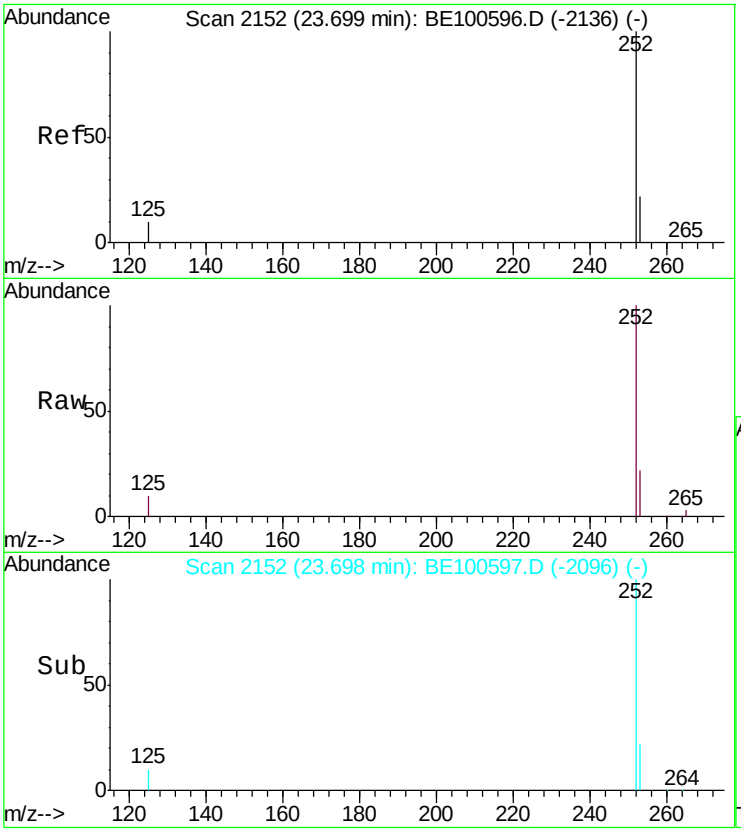


#36
Benzo(k)fluoranthene
Concen: 0.747 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:252 Resp: 66810

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	28.0
125	9.9	11.4	17.0#



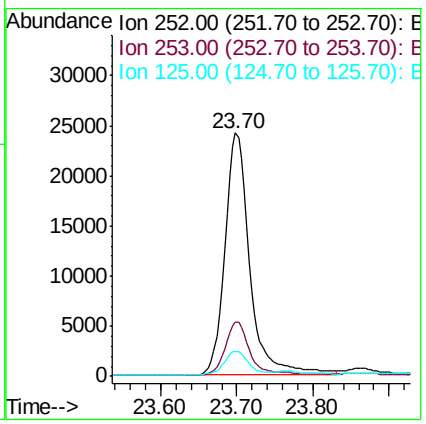


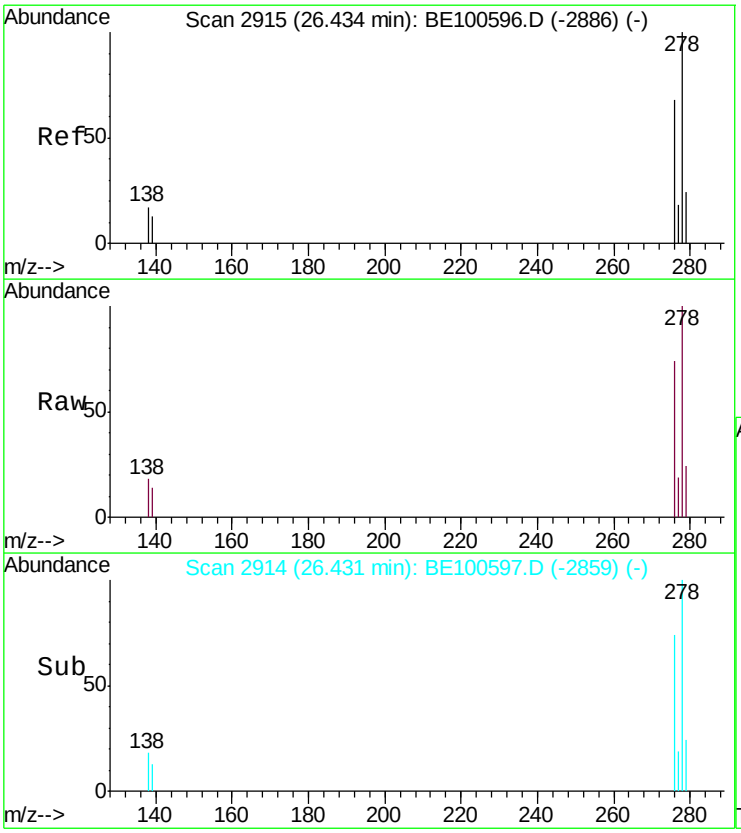
#37
Benzo(a)pyrene
Concen: 0.748 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 54570

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	10.4	8.8	13.2

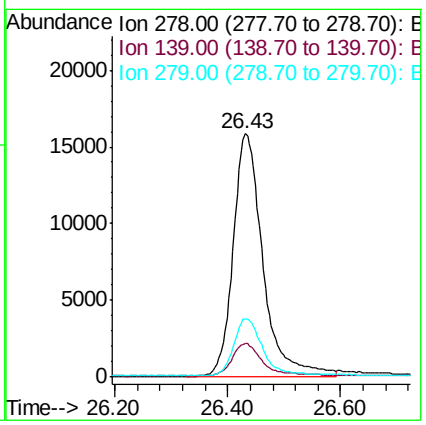


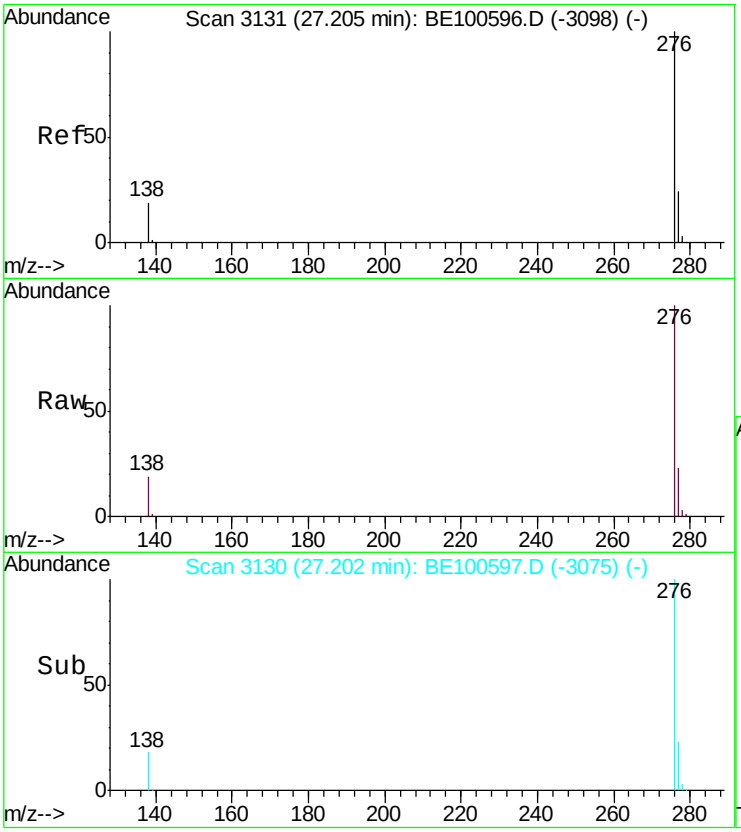


#38
Dibenzo(a,h)anthracene
Concen: 0.769 ng
RT: 26.43 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Tgt Ion:278 Resp: 57604

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.4
279	24.0	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.777 ng
RT: 27.20 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BE100597.D
Acq: 3 Oct 2019 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 58893

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	18.7	15.6	23.4