Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100319\
Data File : BE100594.D
Acq On : 3 Oct 2019 13:22
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Oct 03 15:38:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 15:14:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3123	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	14178	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7867	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	18261	0.40	ng		0.00
27) Chrysene-d12	21.35	240	24317	0.40	ng		0.00
34) Perylene-d12	23.81	264	29599	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	829	0.10	ng		0.00
5) Phenol-d6	7.00	99	952	0.09	ng		0.01
8) Nitrobenzene-d5	8.98	82	801	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2064	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	164	0.10	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	2895	0.10	ng		0.01
25) Fluoranthene-d10	19.21	212	21173	0.09	ng		0.00
29) Terphenyl-d14	19.81	244	5097	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	639	0.133	ng		89
3) n-Nitrosodimethylamine	3.66	42	223	0.091	ng	#	68
6) bis(2-Chloroethyl)ether	7.25	93	990	0.098	ng		87
9) Naphthalene	10.67	128	14655	0.100	ng	#	98
10) Hexachlorobutadiene	10.96	225	476	0.103	ng		98
12) 2-Methylnaphthalene	12.28	142	2253	0.094	ng		97
16) Acenaphthylene	14.18	152	3102	0.092	ng		99
17) Acenaphthene	14.53	154	2157	0.096	ng		98
18) Fluorene	15.50	166	2743	0.097	ng		98
20) 4-Bromophenyl-phenylether	16.38	248	876	0.098	ng	#	90
21) Hexachlorobenzene	16.50	284	731	0.099	ng		98
22) Pentachlorophenol	16.89	266	91	0.041	ng		88
23) Phenanthrene	17.23	178	4934	0.095	ng		99
24) Anthracene	17.32	178	3971	0.089	ng		98
26) Fluoranthene	19.24	202	5723	0.089	ng		99
28) Pyrene	19.60	202	6034	0.100	ng		99
30) Benzo(a)anthracene	21.33	228	7125	0.101	ng		98
31) Chrysene	21.39	228	7029	0.096	ng		98
32) Bis(2-ethylhexyl)phthalate	21.27	149	15814	0.083	ng		99
33) Indeno(1,2,3-cd)pyrene	26.41	276	8415	0.099	ng		97
35) Benzo(b)fluoranthene	23.06	252	7723	0.097	ng	#	94
36) Benzo(k)fluoranthene	23.06	252	7723	0.085	ng		97
37) Benzo(a)pyrene	23.70	252	6874	0.093	ng	#	93
38) Dibenzo(a,h)anthracene	26.43	278	6882	0.090	ng	#	93
39) Benzo(g,h,i)perylene	27.21	276	7501	0.097	ng		96

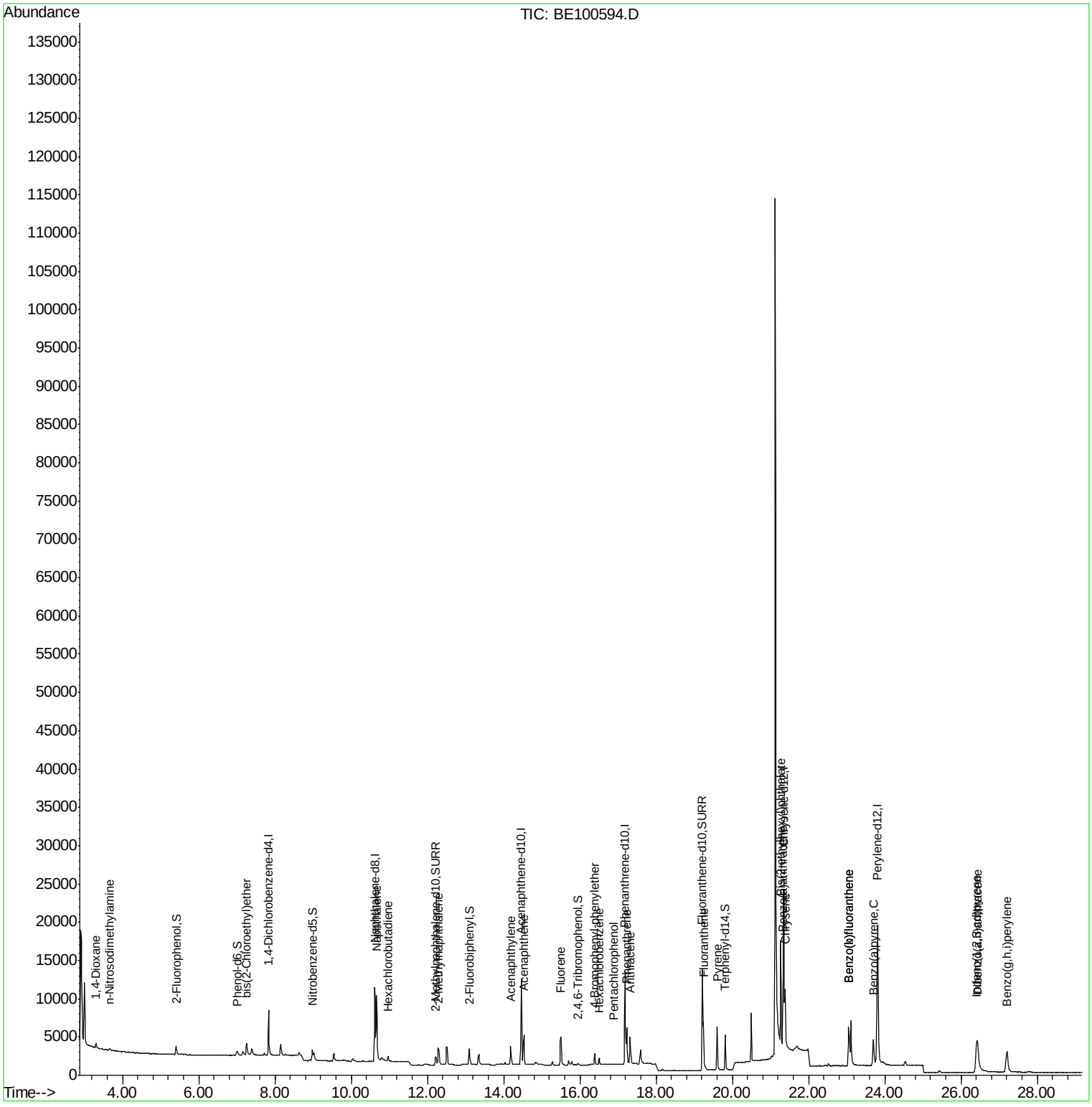
(#) = qualifier out of range (m) = manual integration (+) = signals summed

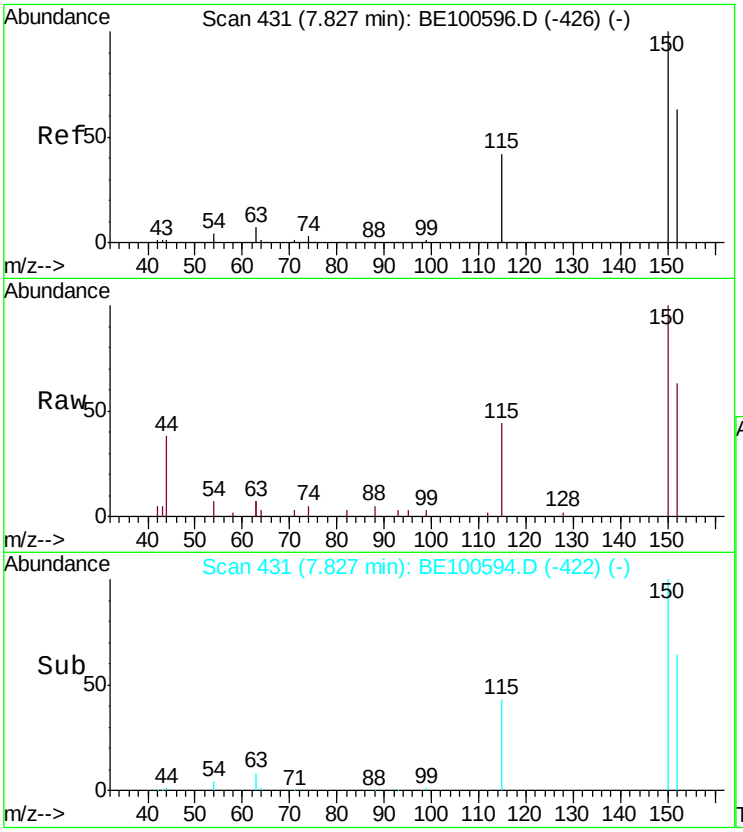
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100319\
Data File : BE100594.D
Acq On : 3 Oct 2019 13:22
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 03 15:38:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 15:14:51 2019
Response via : Initial Calibration



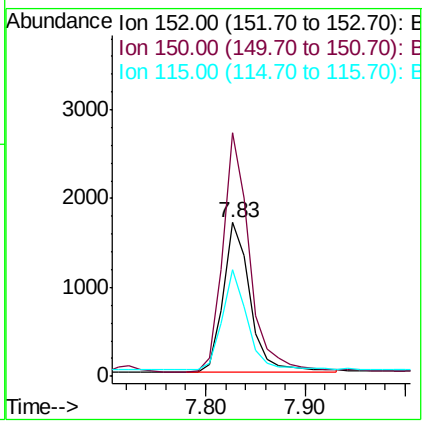


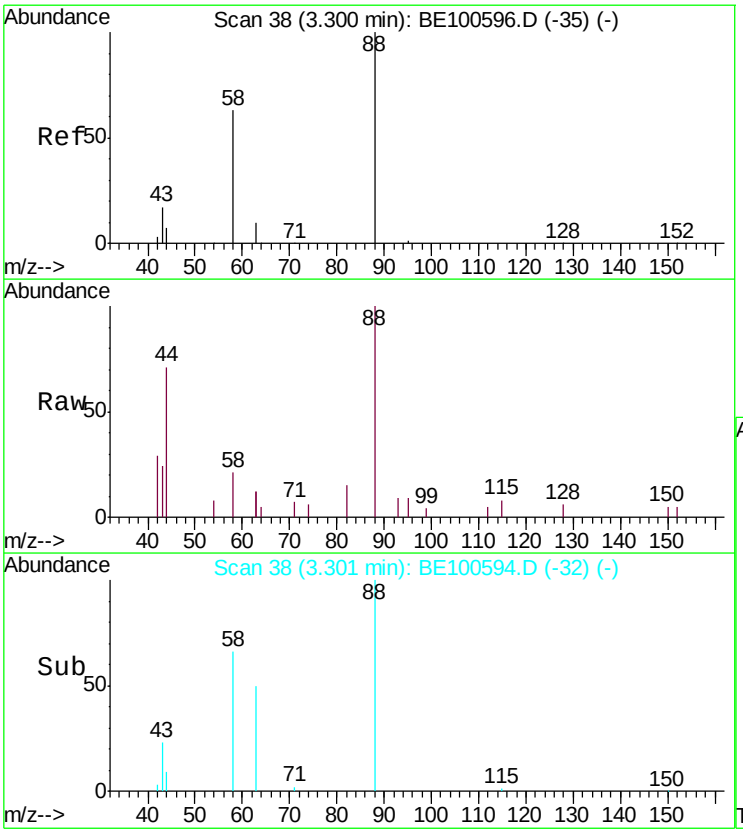
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3123

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.5	189.7
115	69.6	54.6	81.8

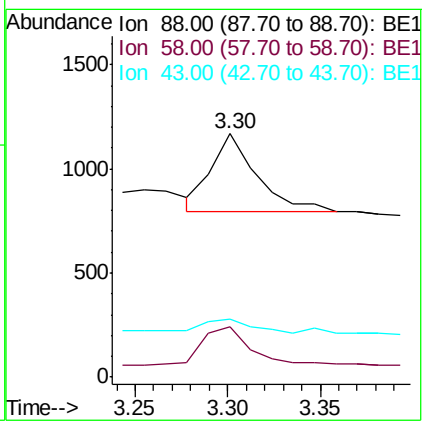


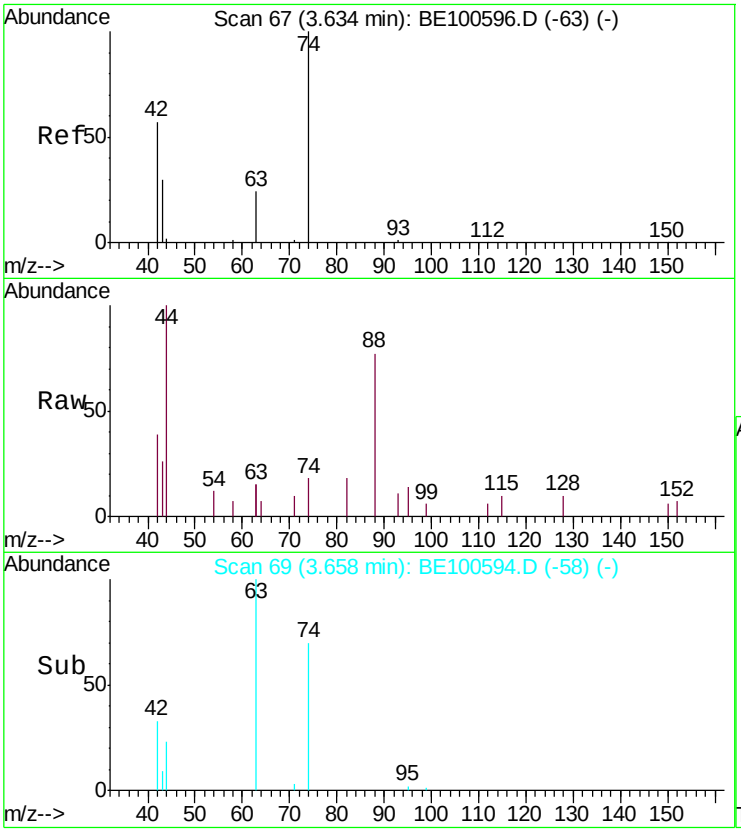


#2
1,4-Dioxane
Concen: 0.133 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion: 88 Resp: 639

Ion	Ratio	Lower	Upper
88	100		
58	51.5	48.1	72.1
43	21.6	14.4	21.6



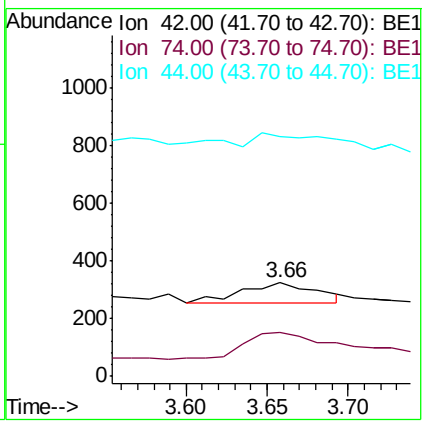


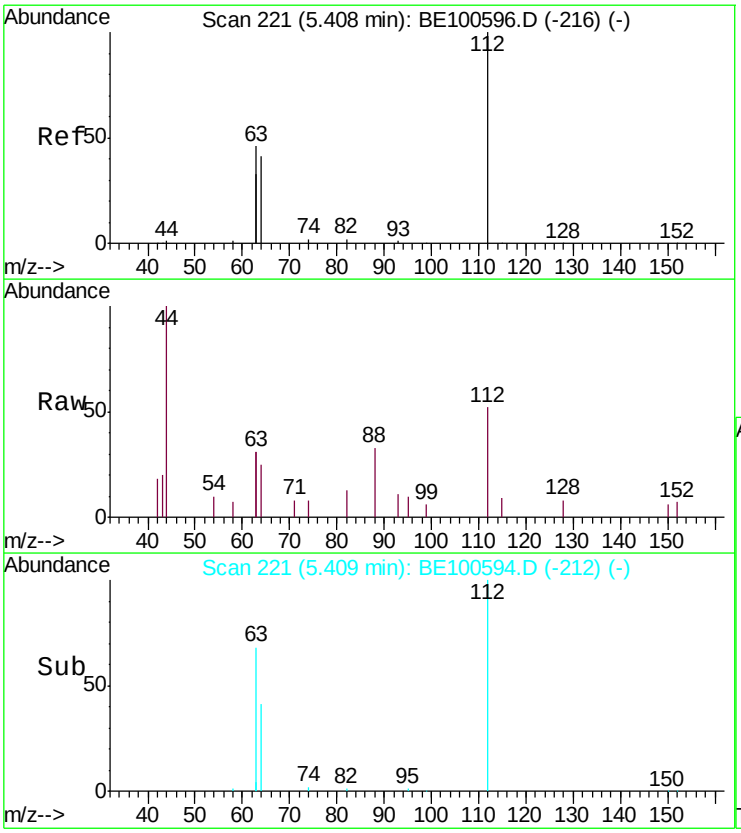
#3
n-Nitrosodimethylamine
Concen: 0.091 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.02 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 223

Ion	Ratio	Lower	Upper
42	100		
74	133.6	136.2	204.2#
44	58.7	7.4	11.0#

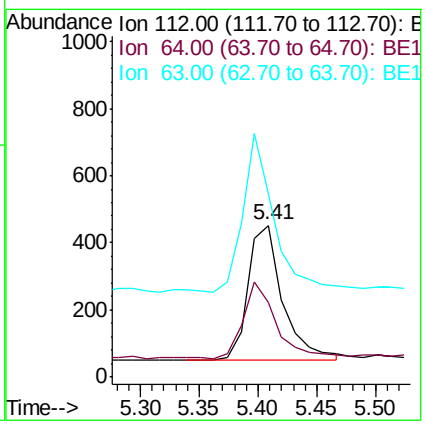


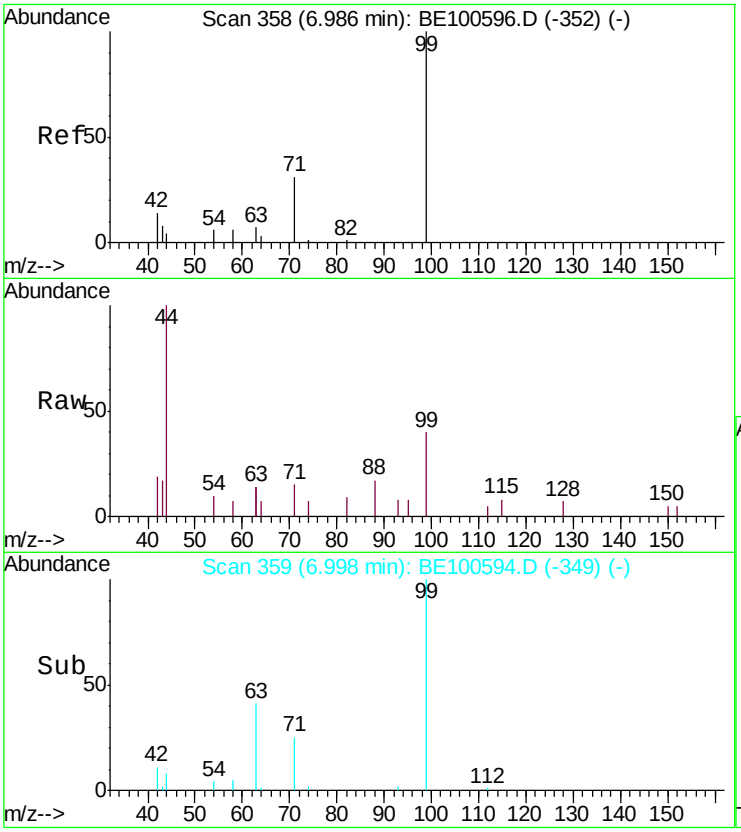


#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:112 Resp: 829

Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.7	65.5
63	104.2	84.5	126.7



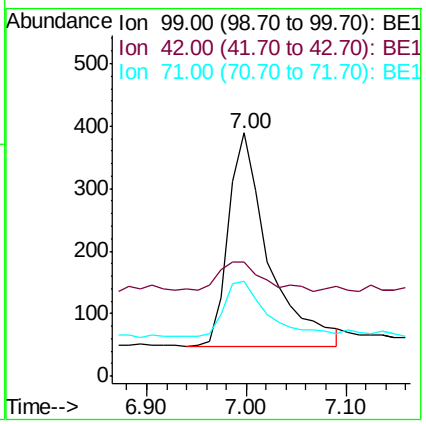


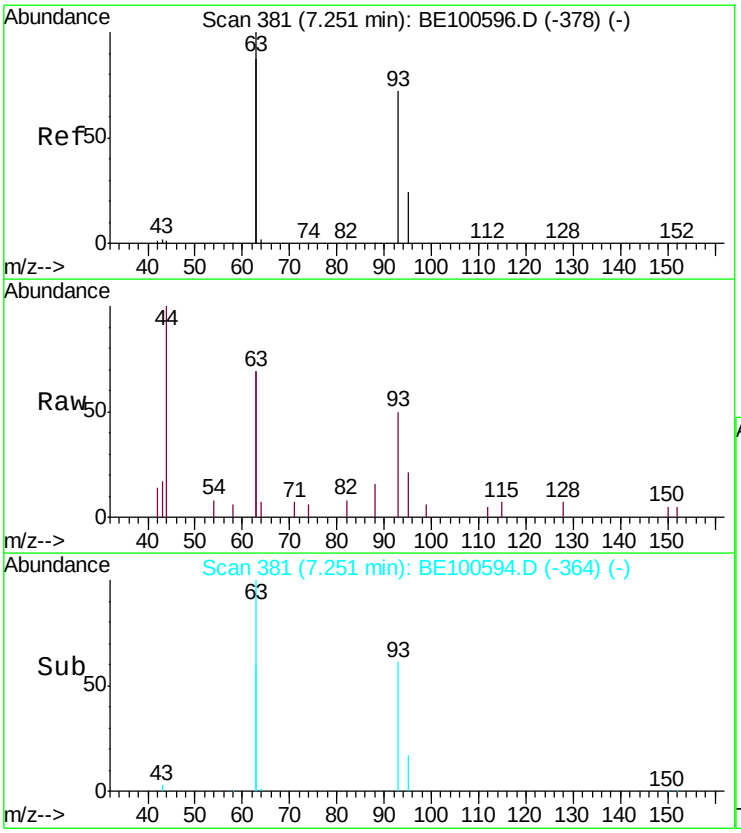
#5
Phenol-d6
Concen: 0.087 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 952

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.7	17.5
71	27.1	23.0	34.4

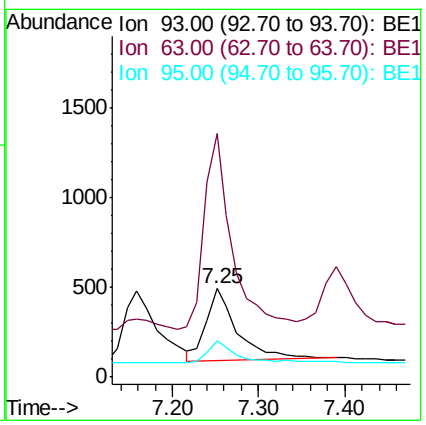


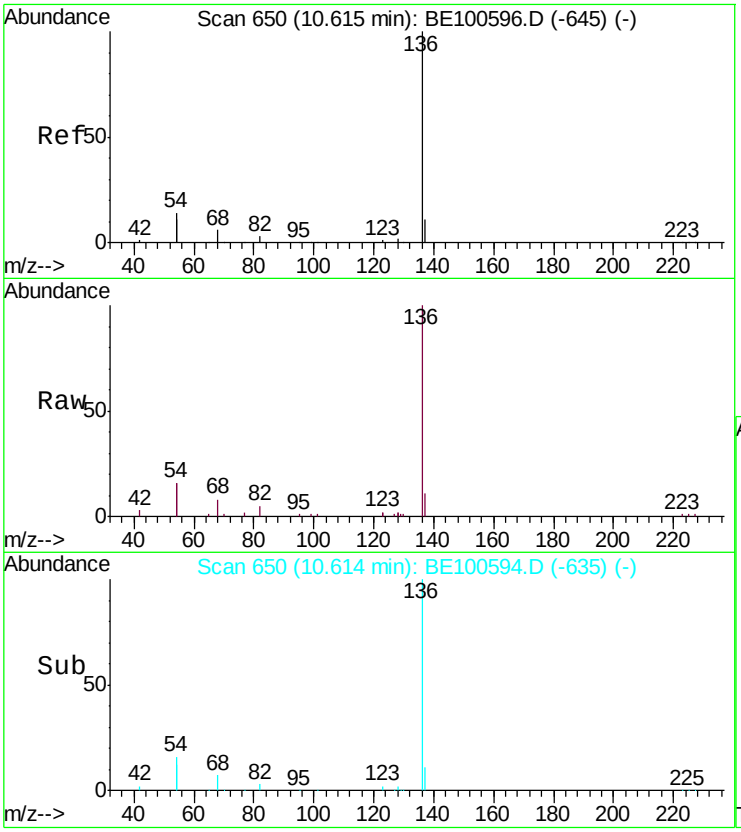


#6
bis(2-Chloroethyl)ether
Concen: 0.098 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion: 93 Resp: 990

Ion	Ratio	Lower	Upper
93	100		
63	249.4	221.0	331.4
95	29.5	25.4	38.0



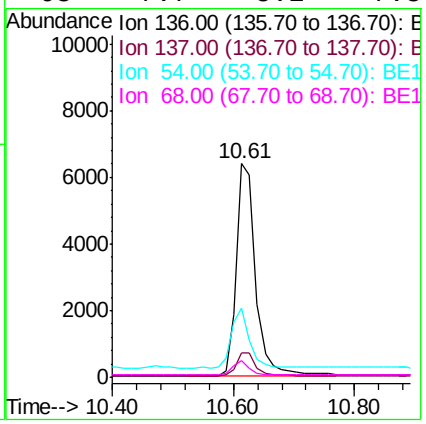


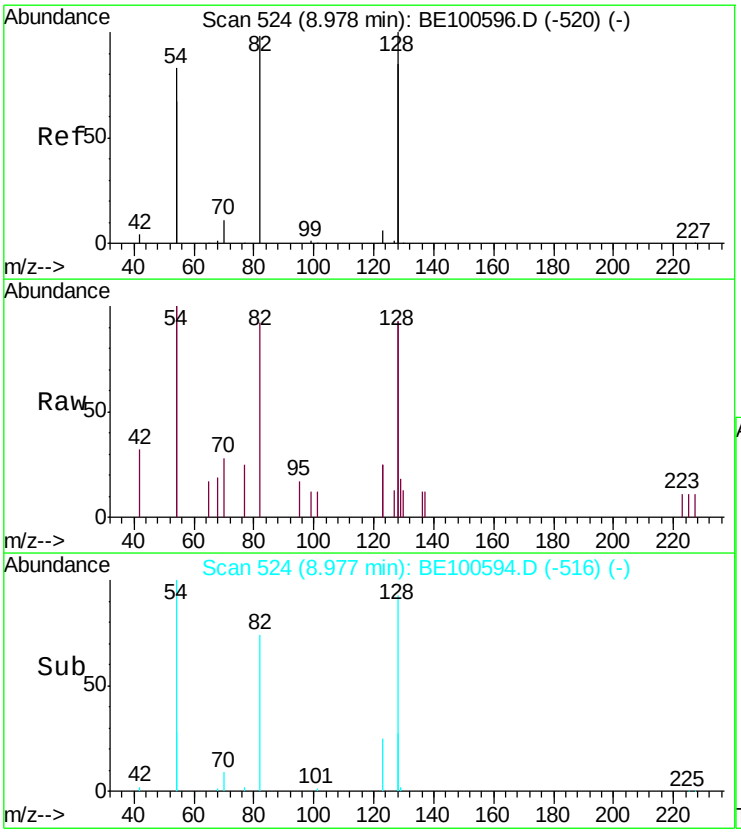
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 14178

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	32.5	22.4	33.6
68	7.7	5.2	7.8

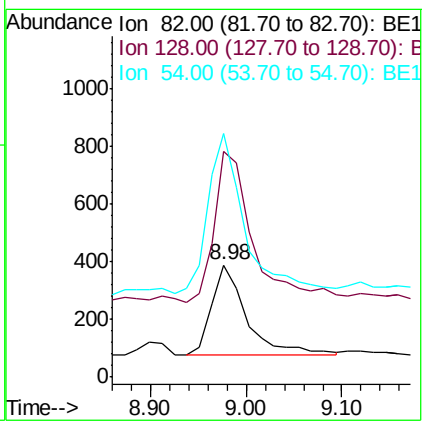


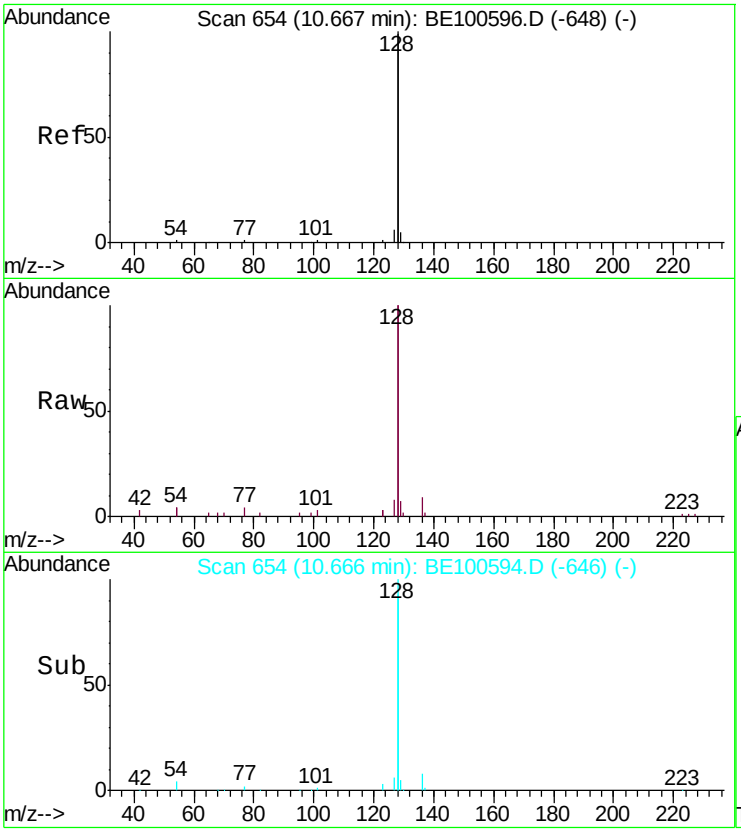


#8
Nitrobenzene-d5
Concen: 0.087 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion: 82 Resp: 801

Ion	Ratio	Lower	Upper
82	100		
128	200.5	154.7	232.1
54	216.4	128.5	192.7#



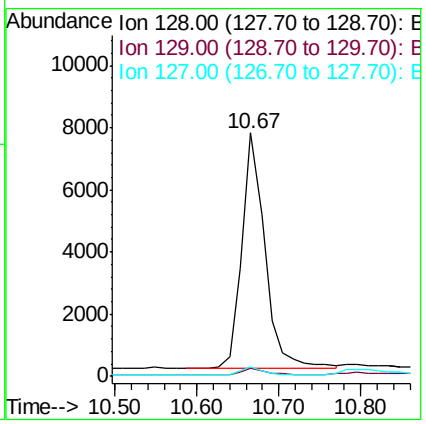


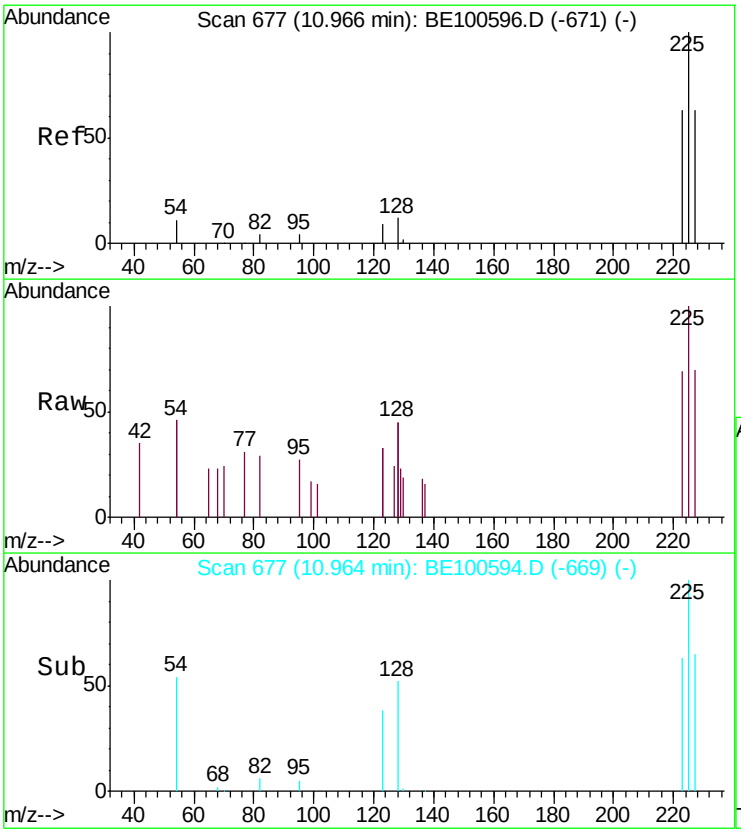
#9
Naphthalene
Concen: 0.100 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 14655

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.2	3.4#
127	3.8	2.6	4.0

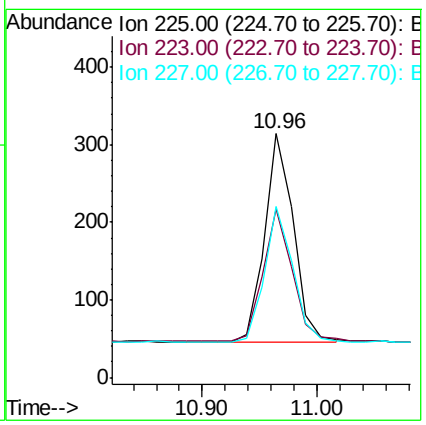


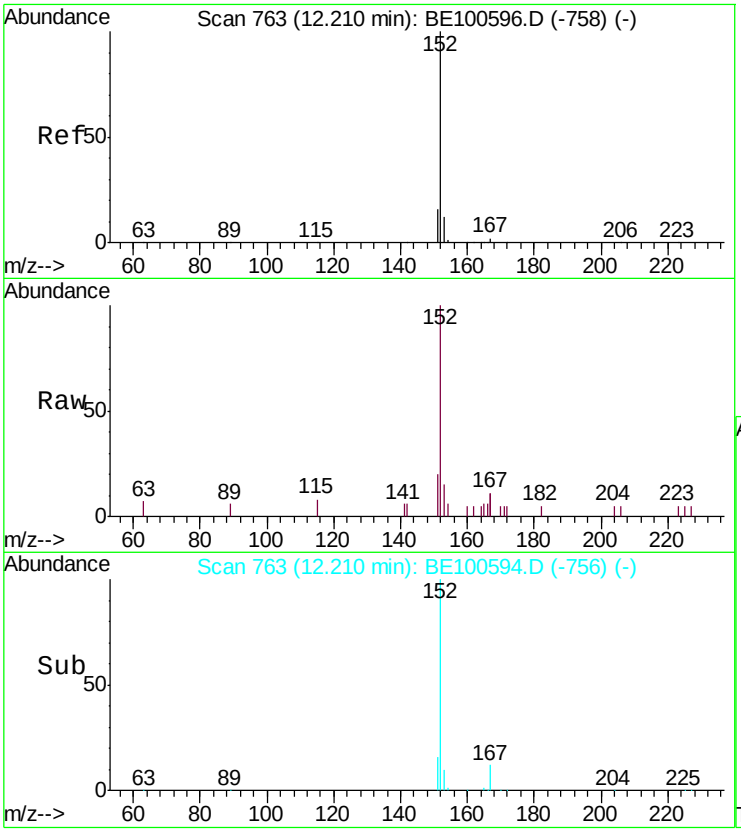


#10
Hexachlorobutadiene
Concen: 0.103 ng
RT: 10.96 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:225 Resp: 476

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	64.5	50.1	75.1



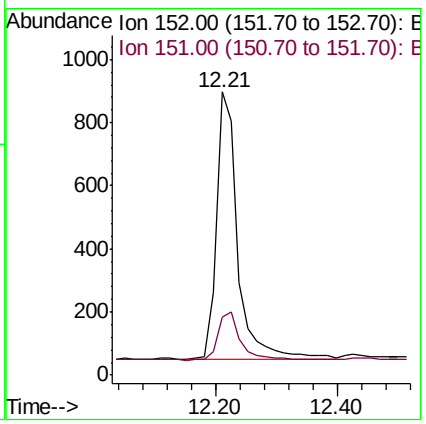


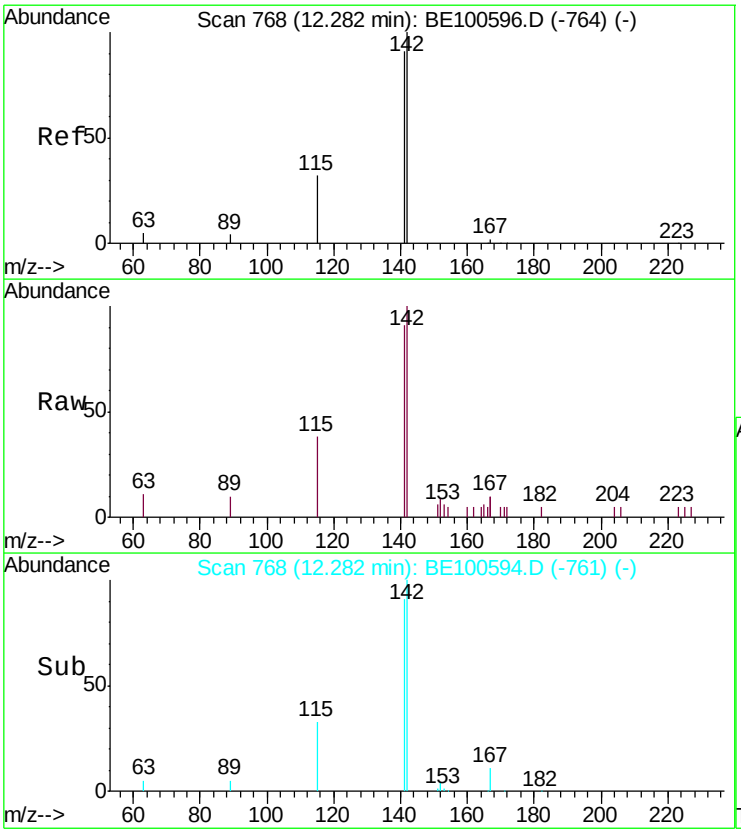
#11
2-Methylnaphthalene-d10
Concen: 0.098 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2064

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8

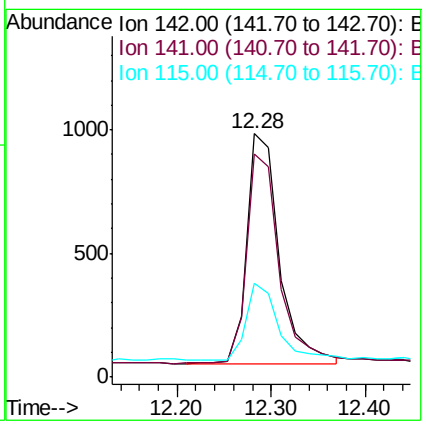


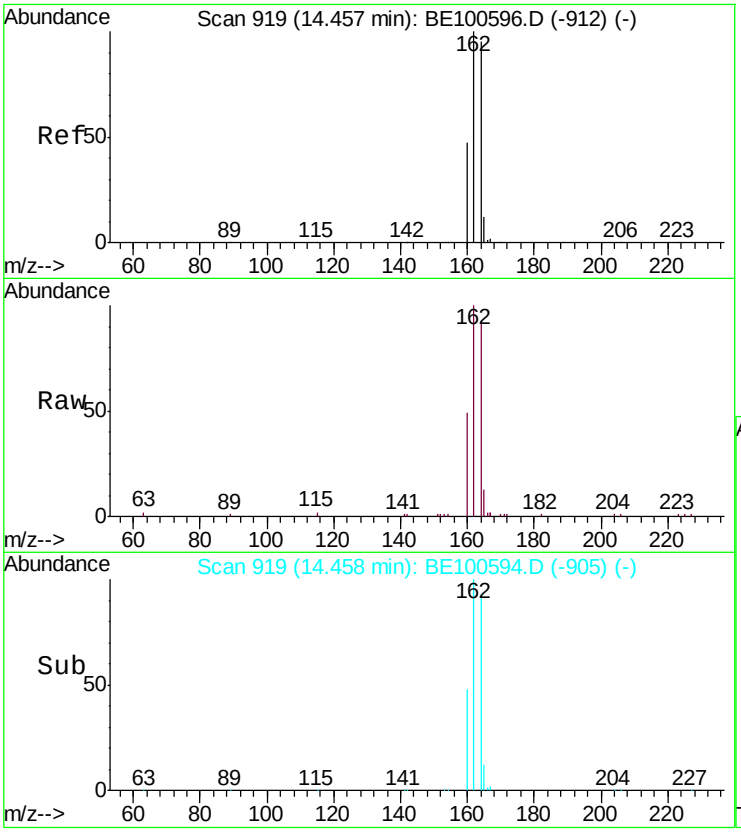


#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:142 Resp: 2253

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8
115	38.5	26.6	40.0



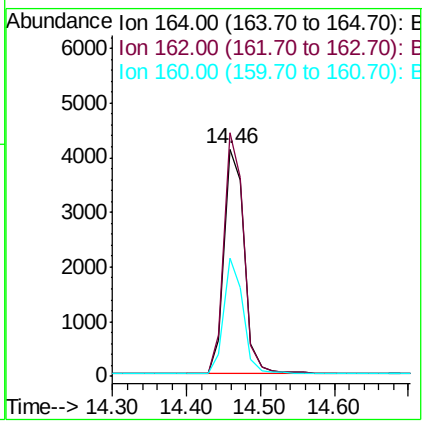


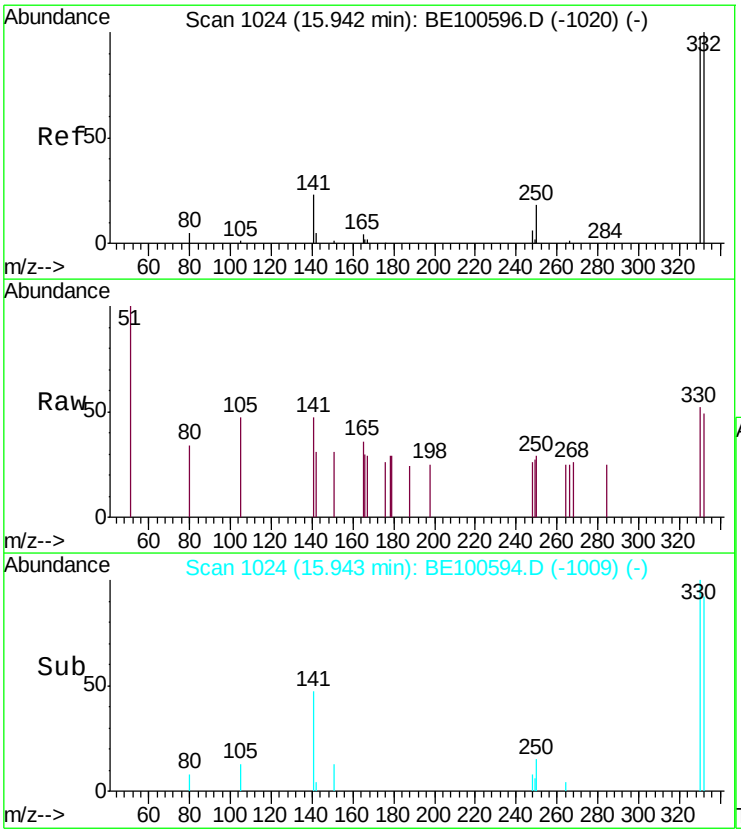
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7867

Ion	Ratio	Lower	Upper
164	100		
162	107.2	84.2	126.4
160	52.2	40.2	60.4

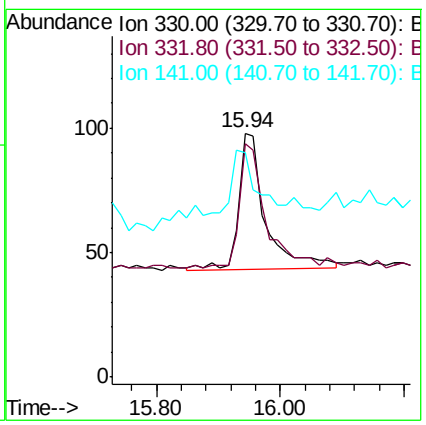


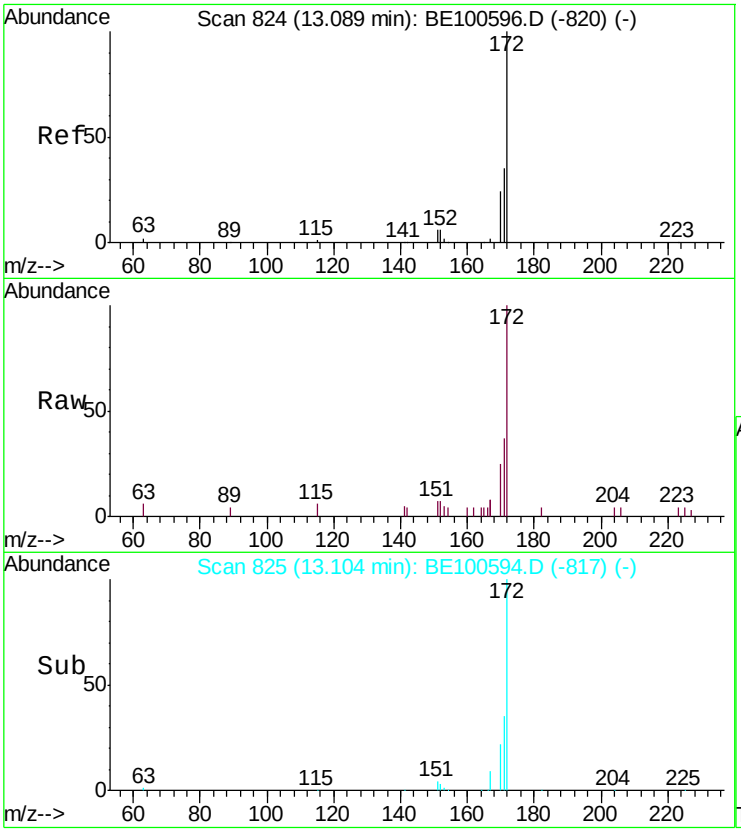


#14
2,4,6-Tribromophenol
Concen: 0.095 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:330 Resp: 164

Ion	Ratio	Lower	Upper
330	100		
332	88.4	78.5	117.7
141	43.9	39.4	59.0



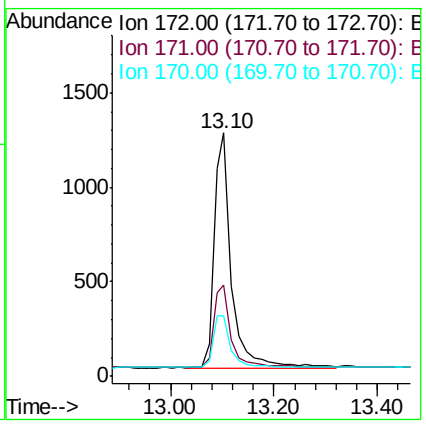


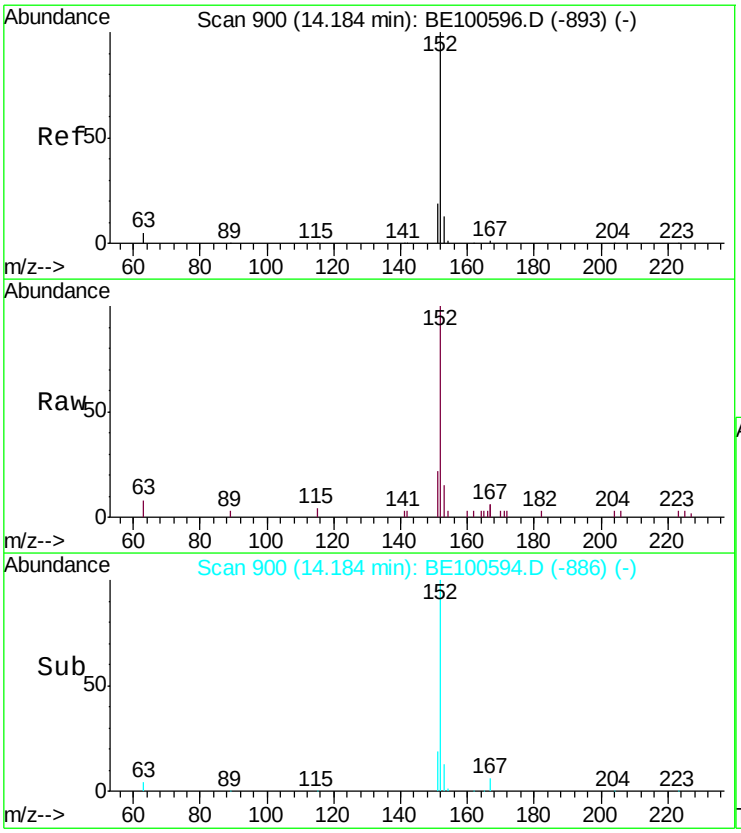
#15
2-Fluorobiphenyl
Concen: 0.102 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2895

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	25.0	19.8	29.8

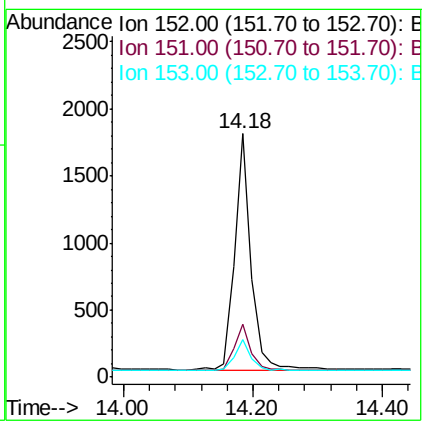


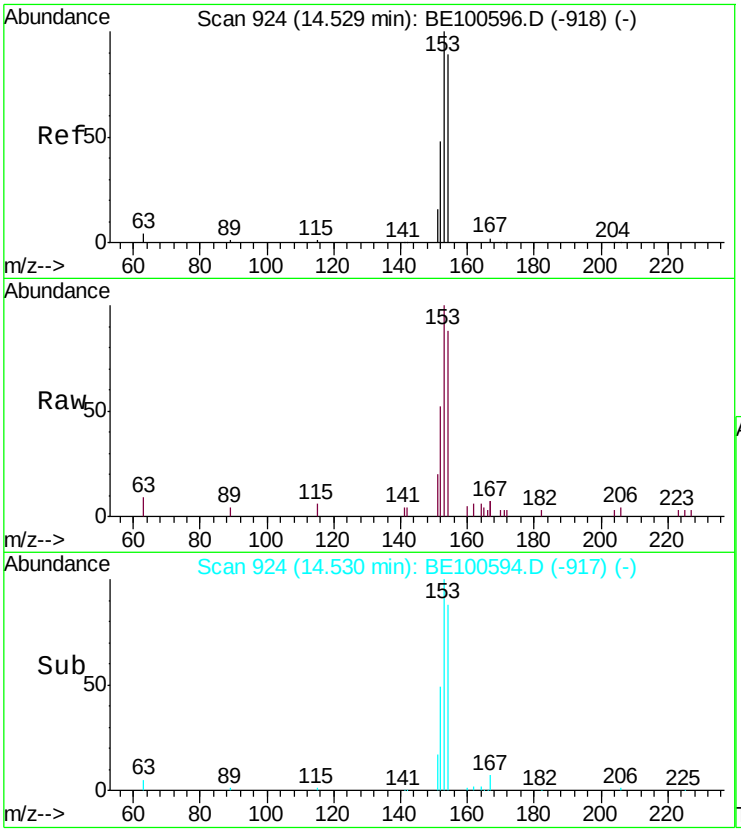


#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:152 Resp: 3102

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.1	10.4	15.6



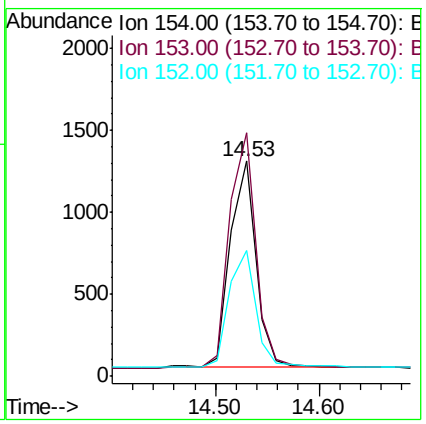


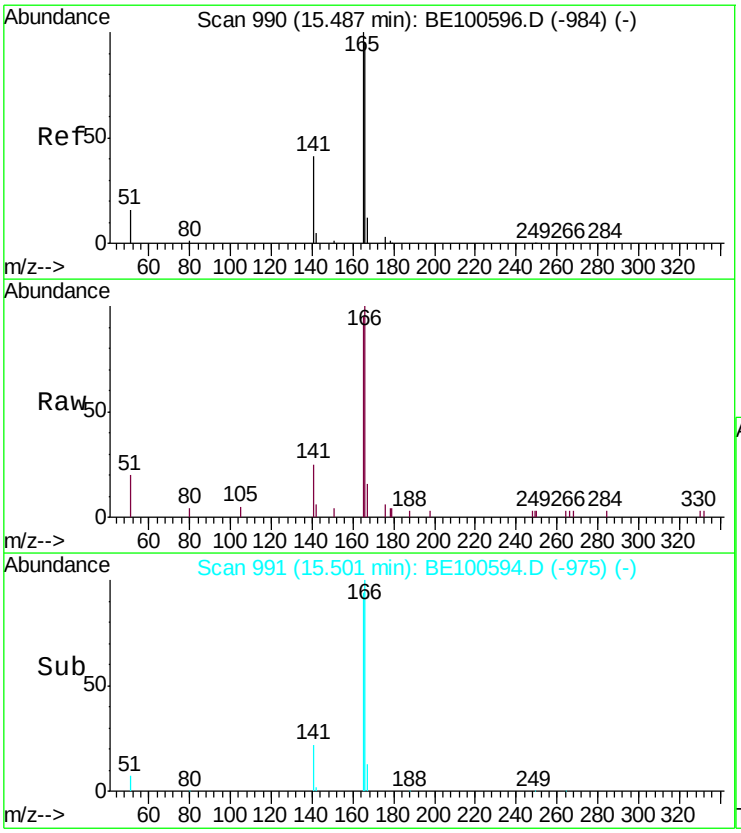
#17
Acenaphthene
Concen: 0.096 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2157

Ion	Ratio	Lower	Upper
154	100		
153	118.2	92.3	138.5
152	59.3	46.2	69.2

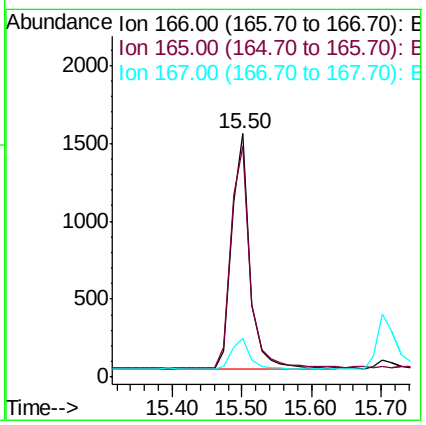


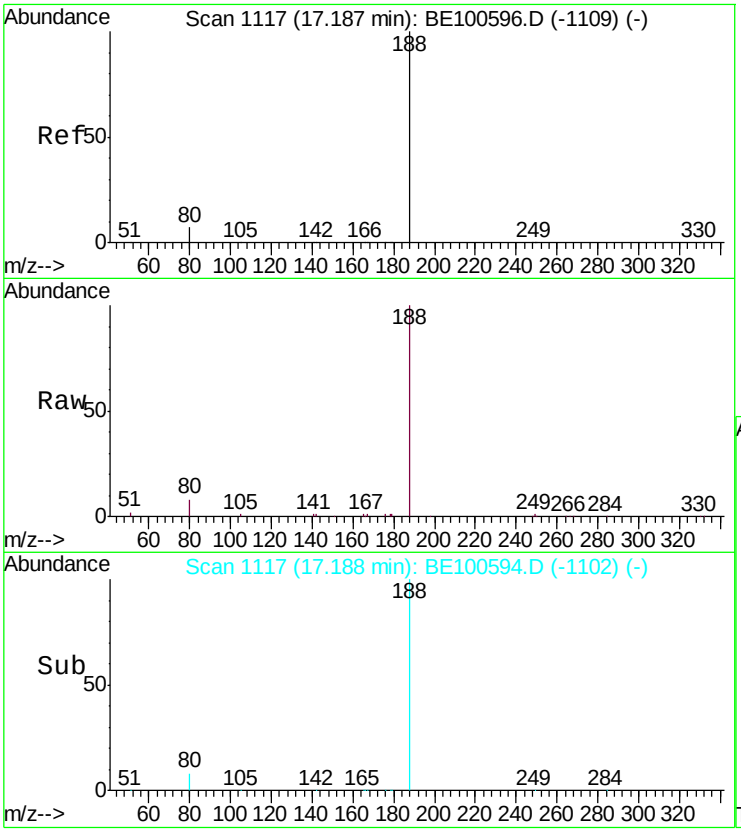


#18
Fluorene
Concen: 0.097 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.01 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:166 Resp: 2743

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.4	120.6
167	13.4	10.6	15.8



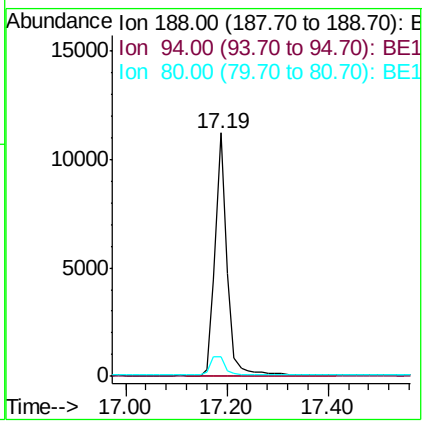


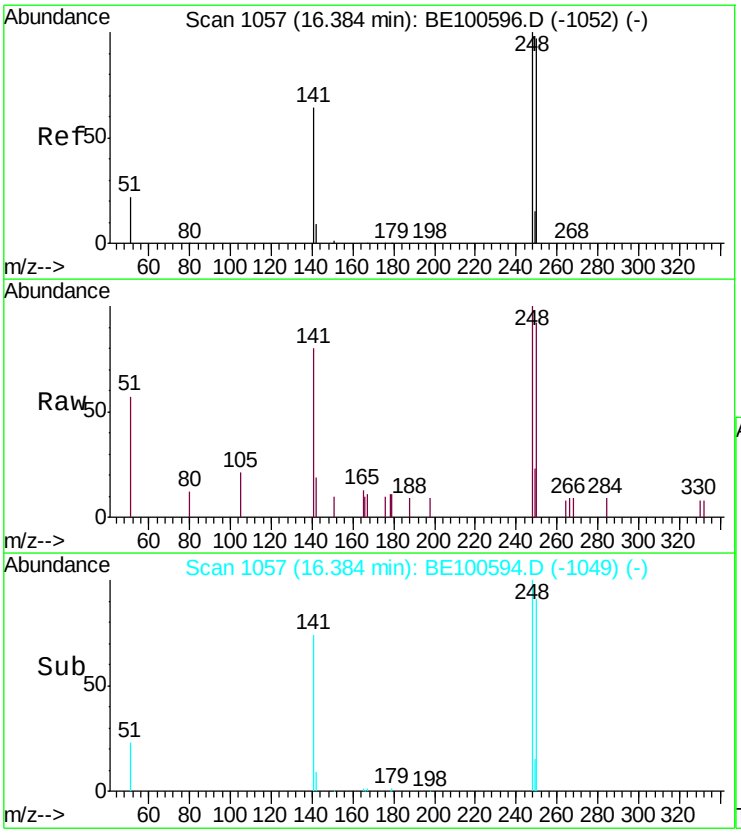
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 18261

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.2	9.2

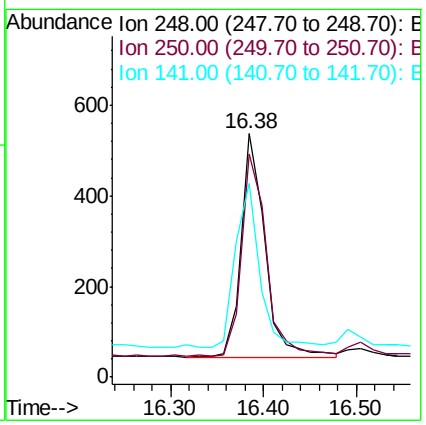


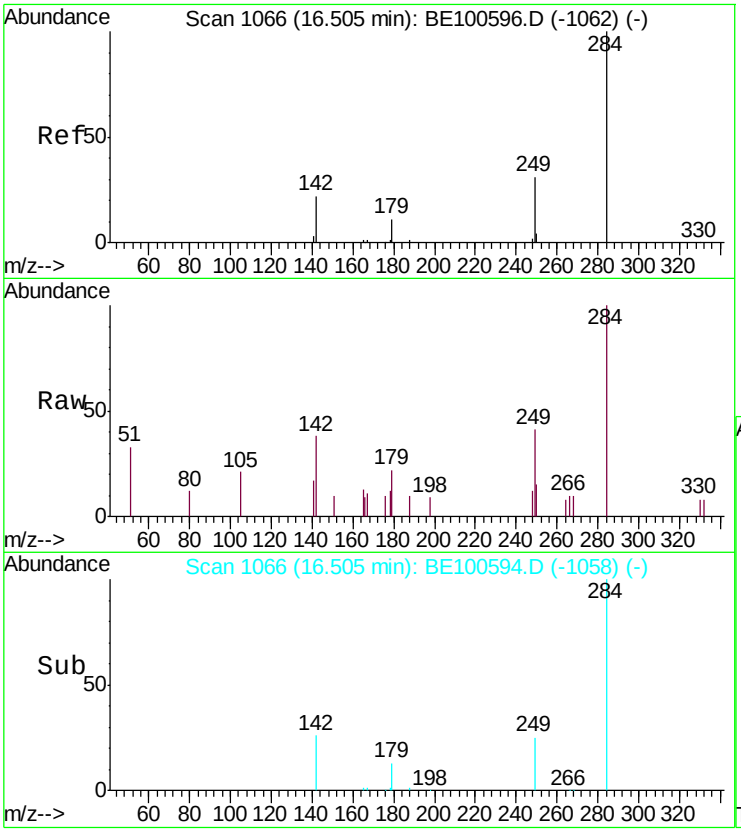


#20
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:248 Resp: 876

Ion	Ratio	Lower	Upper
248	100		
250	91.6	77.4	116.0
141	79.5	52.1	78.1#



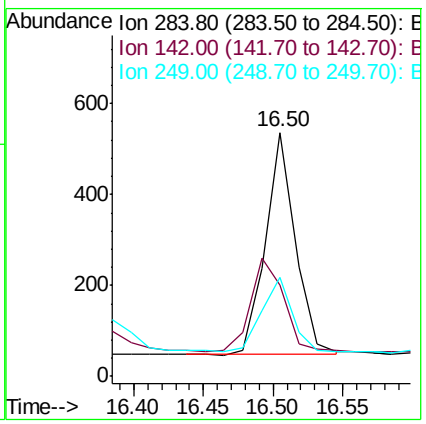


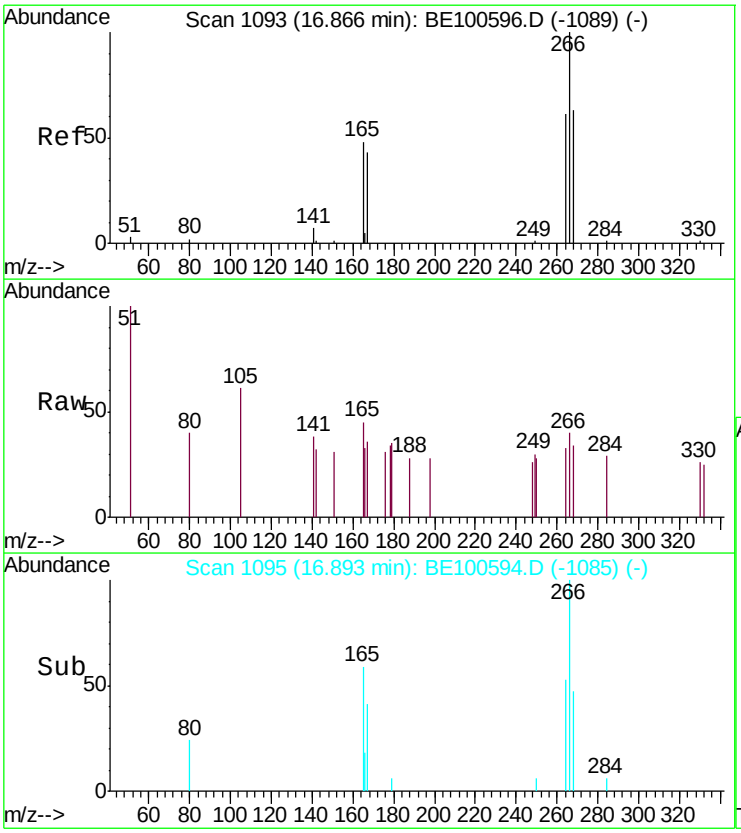
#21
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.50 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 731

Ion	Ratio	Lower	Upper
284	100		
142	46.0	35.1	52.7
249	33.9	27.2	40.8

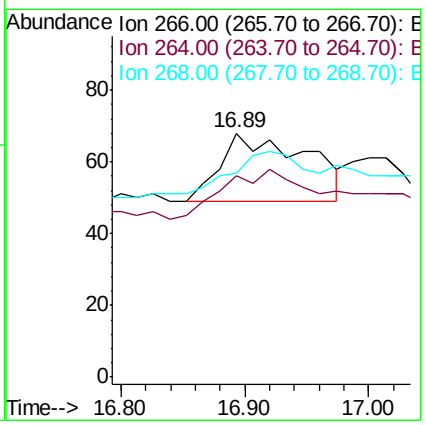


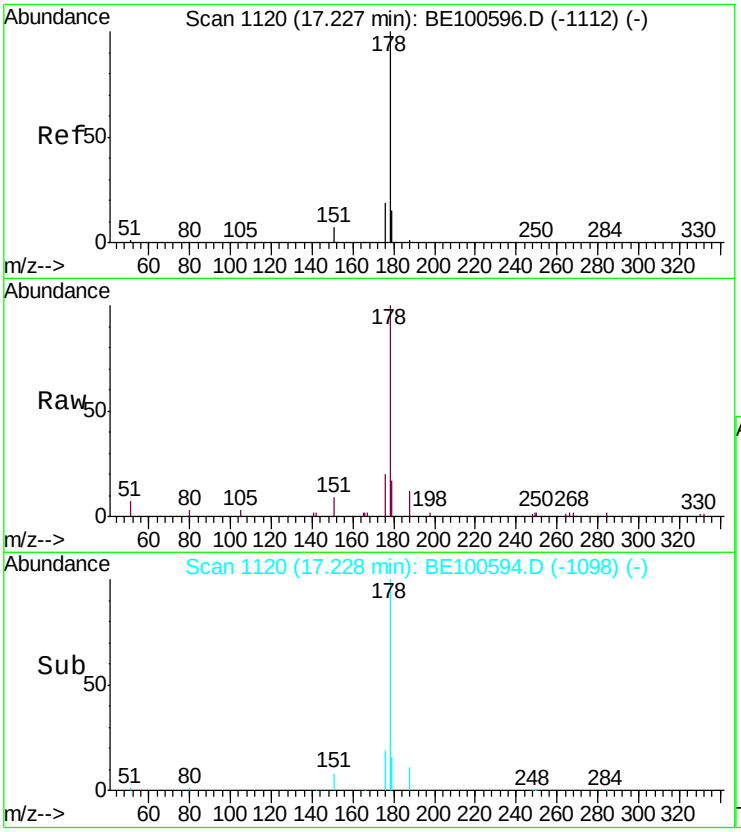


#22
Pentachlorophenol
Concen: 0.041 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.03 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:266 Resp: 91

Ion	Ratio	Lower	Upper
266	100		
264	82.4	56.3	84.5
268	83.8	60.3	90.5



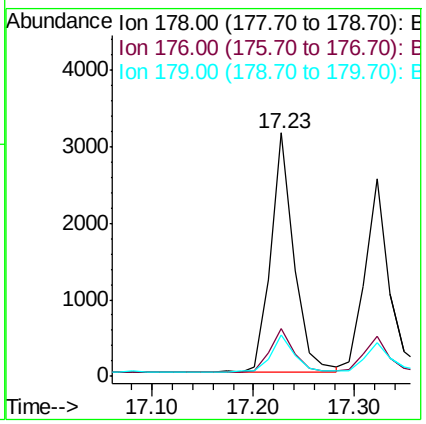


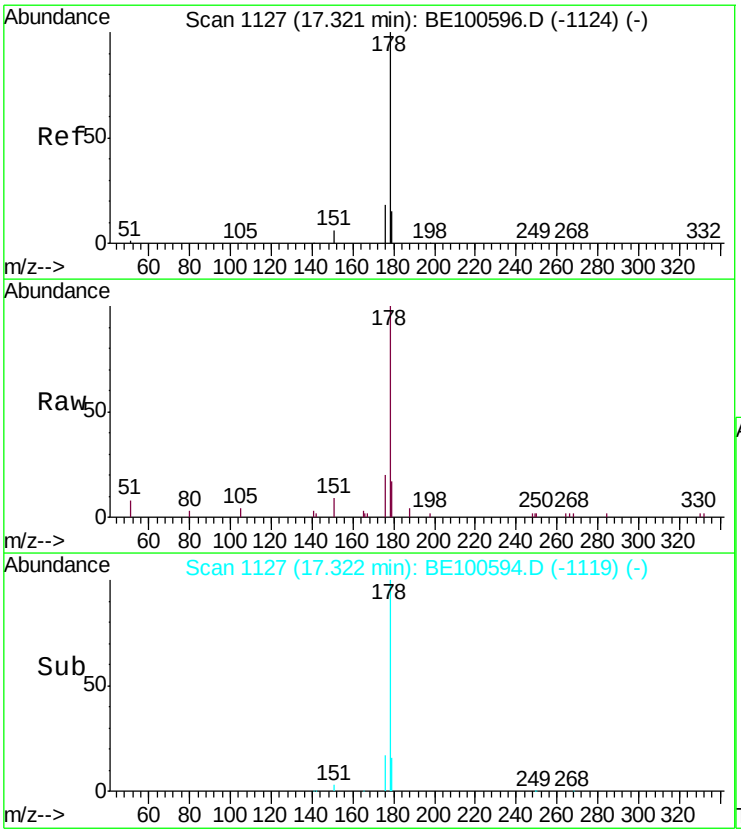
#23
Phenanthrene
Concen: 0.095 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 4934

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.9	12.3	18.5

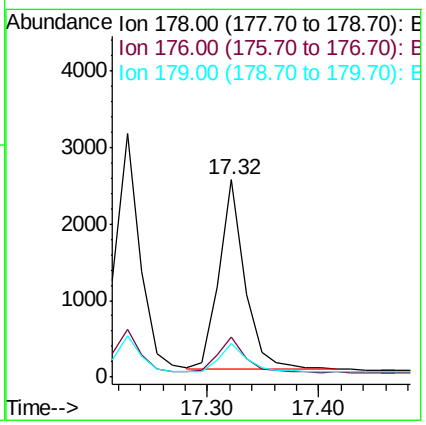


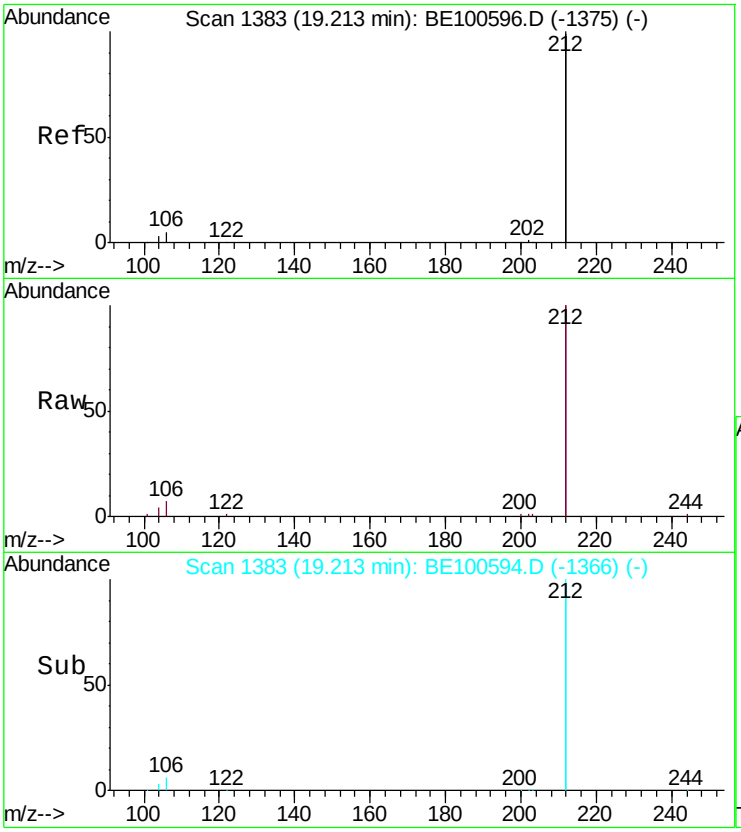


#24
Anthracene
Concen: 0.089 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:178 Resp: 3971

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	15.8	12.2	18.4



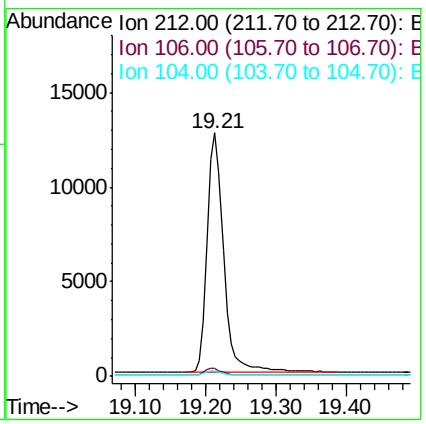


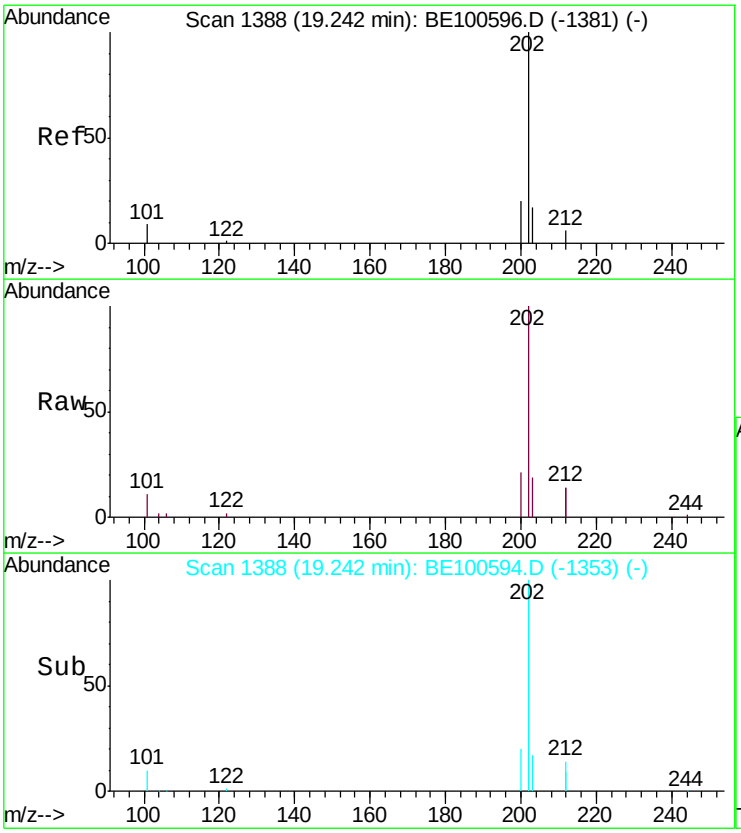
#25
Fluoranthene-d10
Concen: 0.093 ng
RT: 19.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 21173

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.6	1.3	1.9

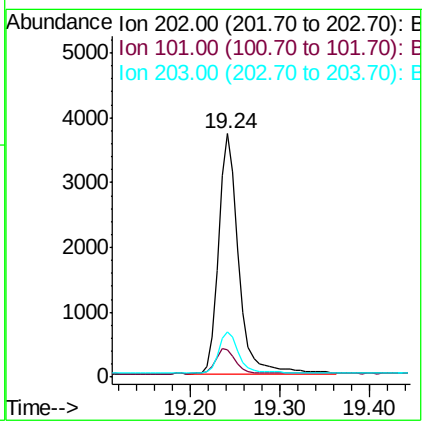


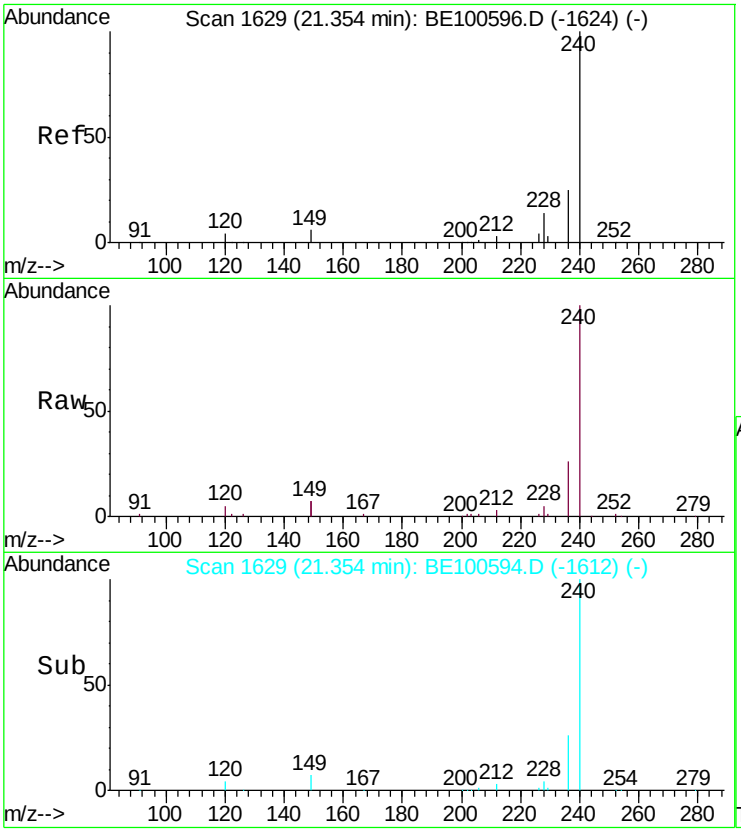


#26
Fluoranthene
Concen: 0.089 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:202 Resp: 5723

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	12.8
203	17.1	13.8	20.6



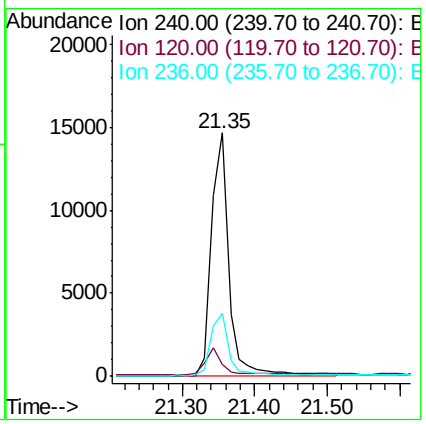


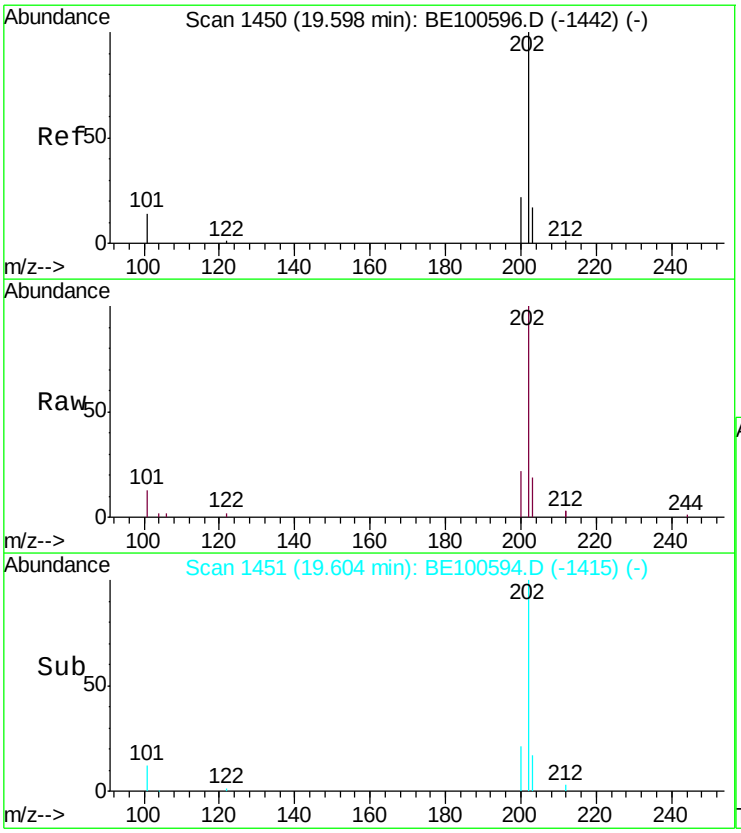
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 24317

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.6	5.4
236	26.0	20.5	30.7

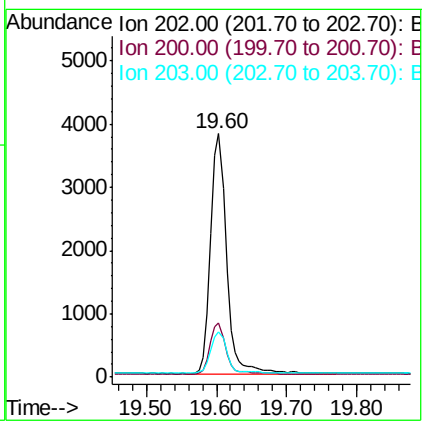


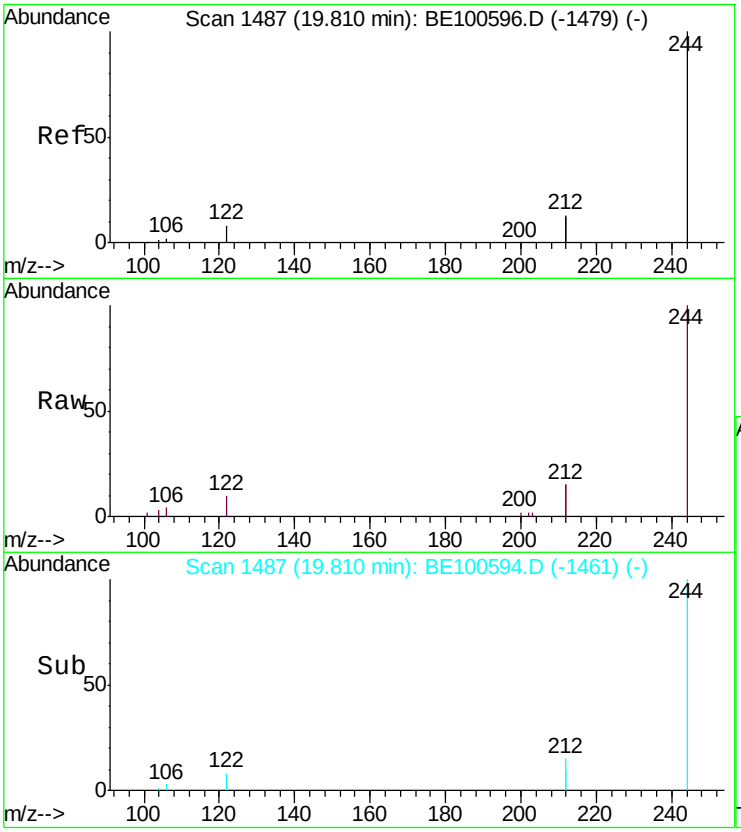


#28
Pyrene
Concen: 0.100 ng
RT: 19.60 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:202 Resp: 6034

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.2	14.1	21.1



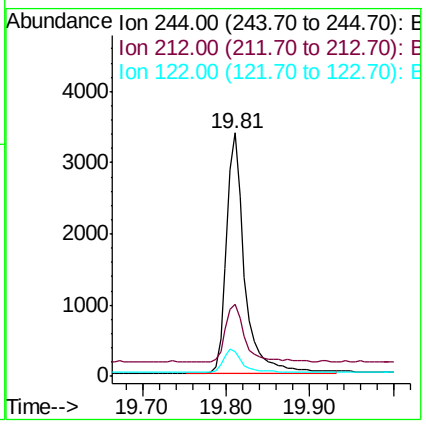


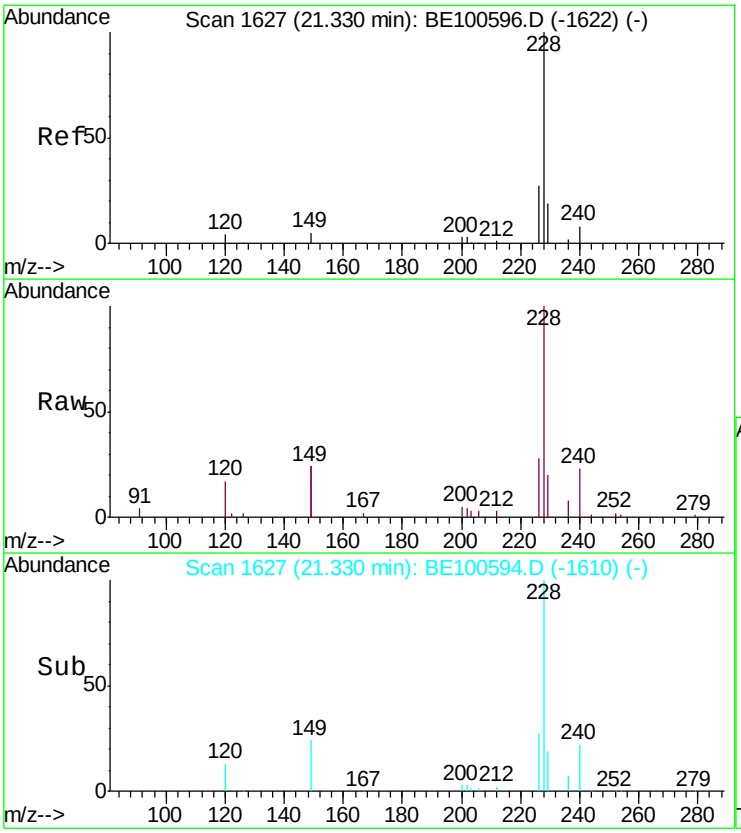
#29
Terphenyl-d14
Concen: 0.097 ng
RT: 19.81 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 5097

Ion	Ratio	Lower	Upper
244	100		
212	29.8	20.6	31.0
122	9.9	6.5	9.7#

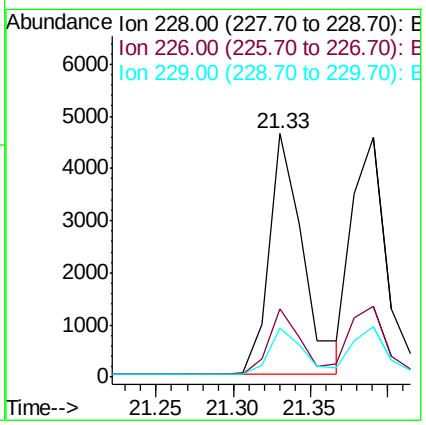


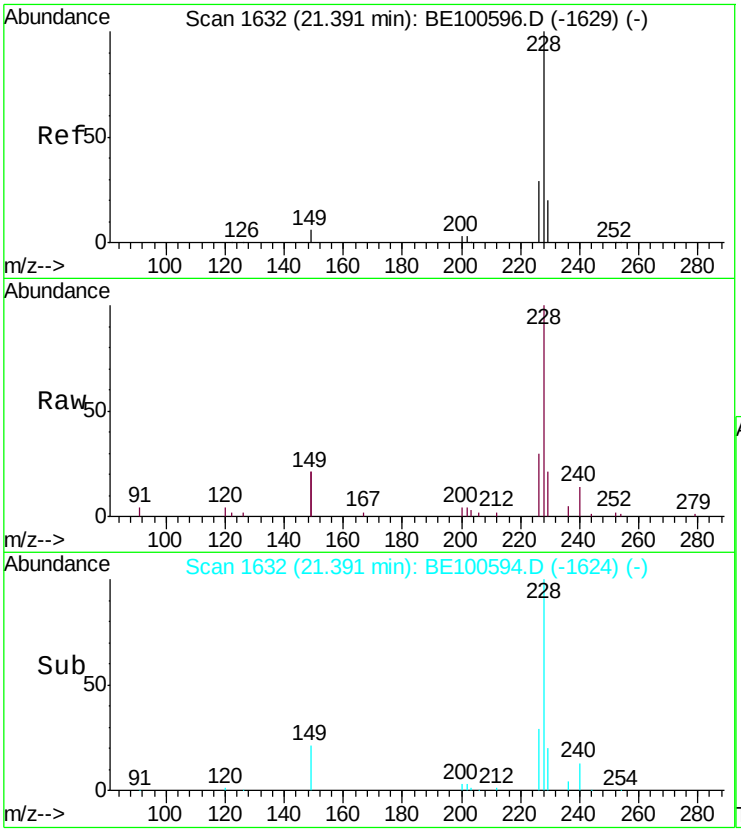


#30
Benzo(a)anthracene
Concen: 0.101 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:228 Resp: 7125

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.5	32.3
229	20.0	15.6	23.4



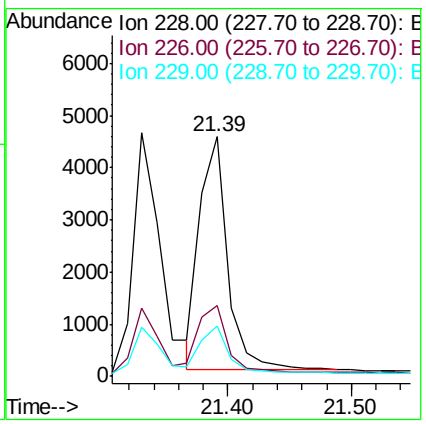


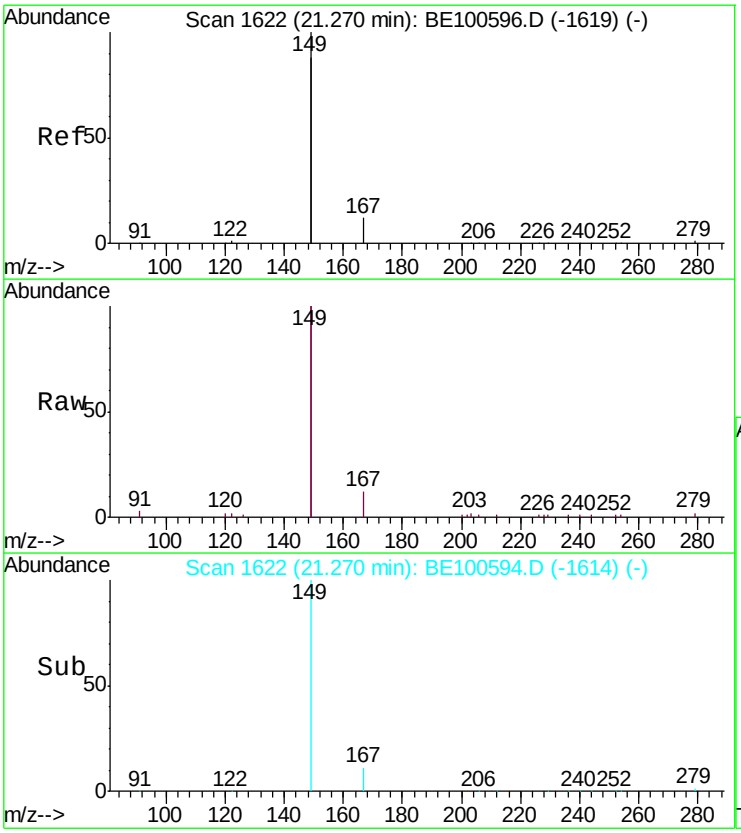
#31
Chrysene
Concen: 0.096 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 7029

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	20.8	16.3	24.5

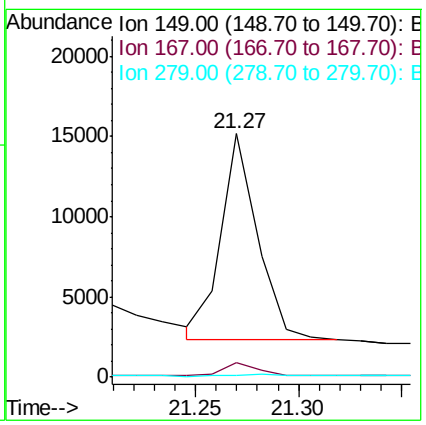


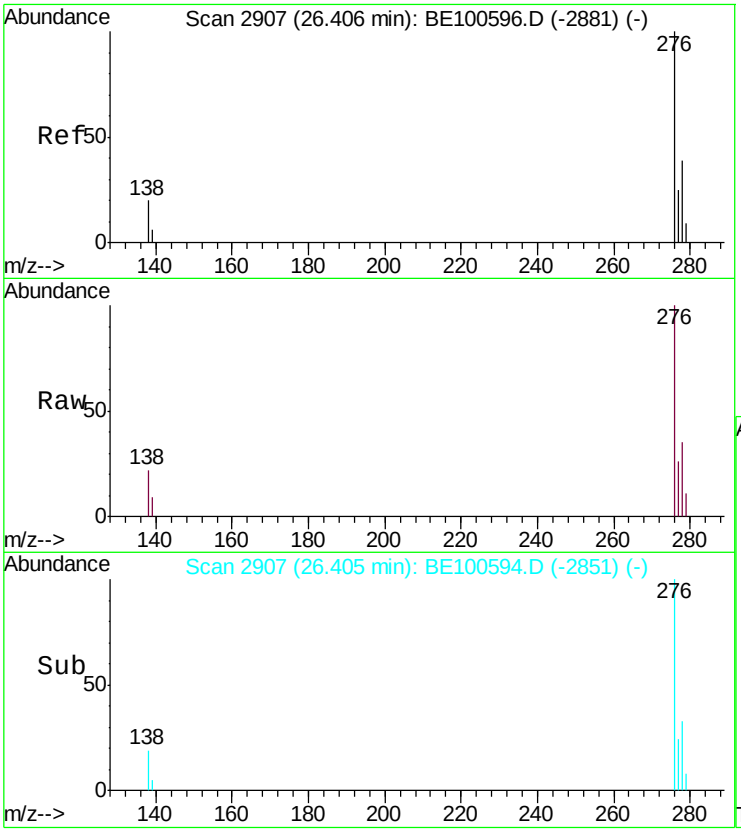


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:149 Resp: 15814

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.0	0.9	1.3



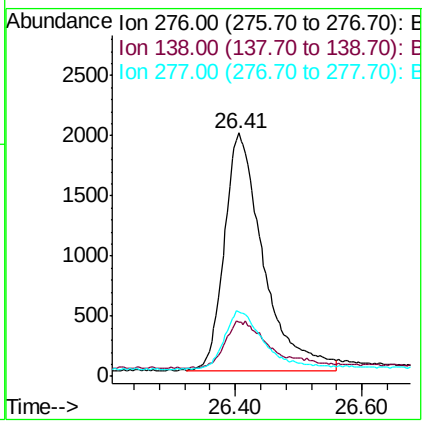


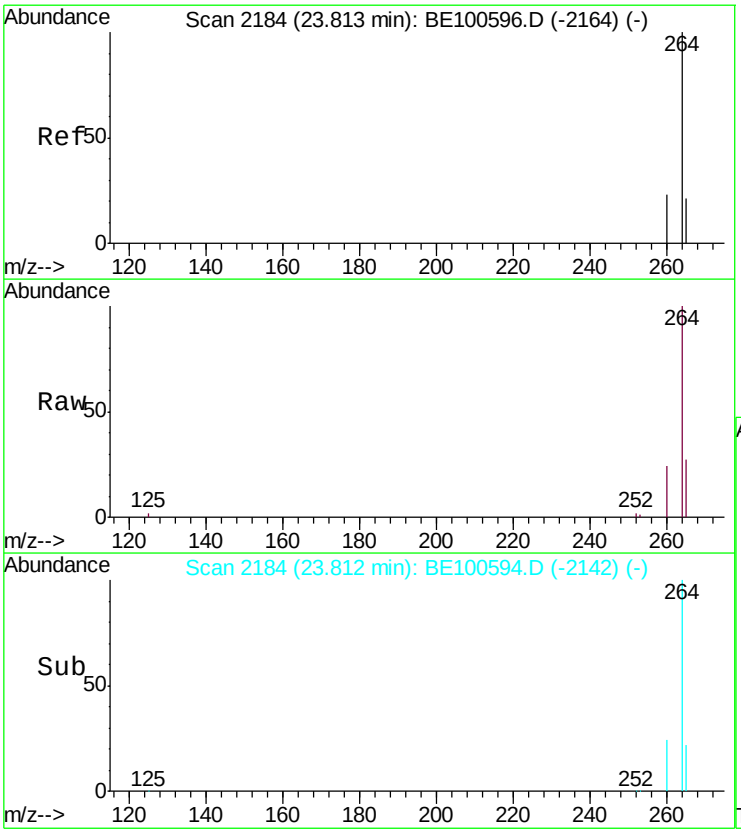
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng
RT: 26.41 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8415

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.8	26.8
277	25.0	19.8	29.8

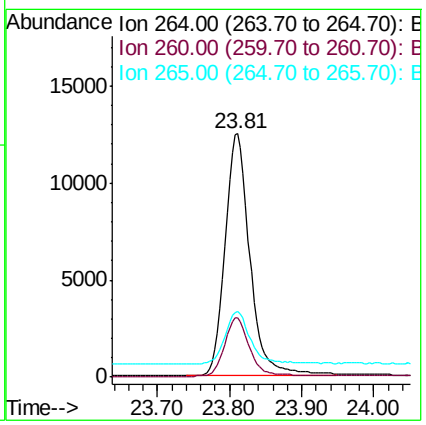


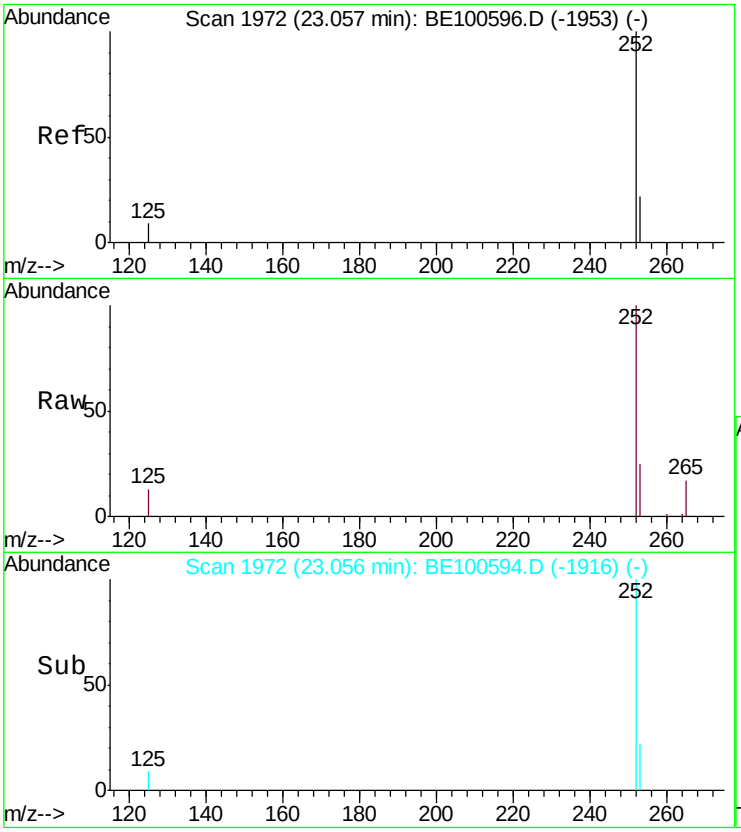


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:264 Resp: 29599

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	27.2	20.9	31.3



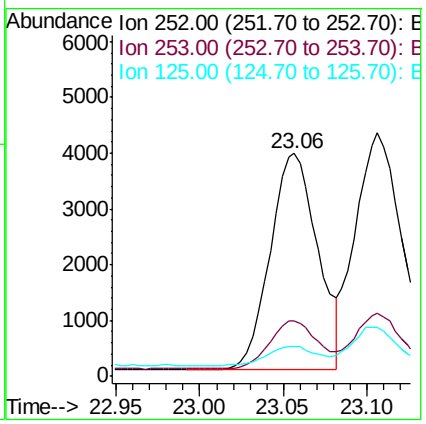


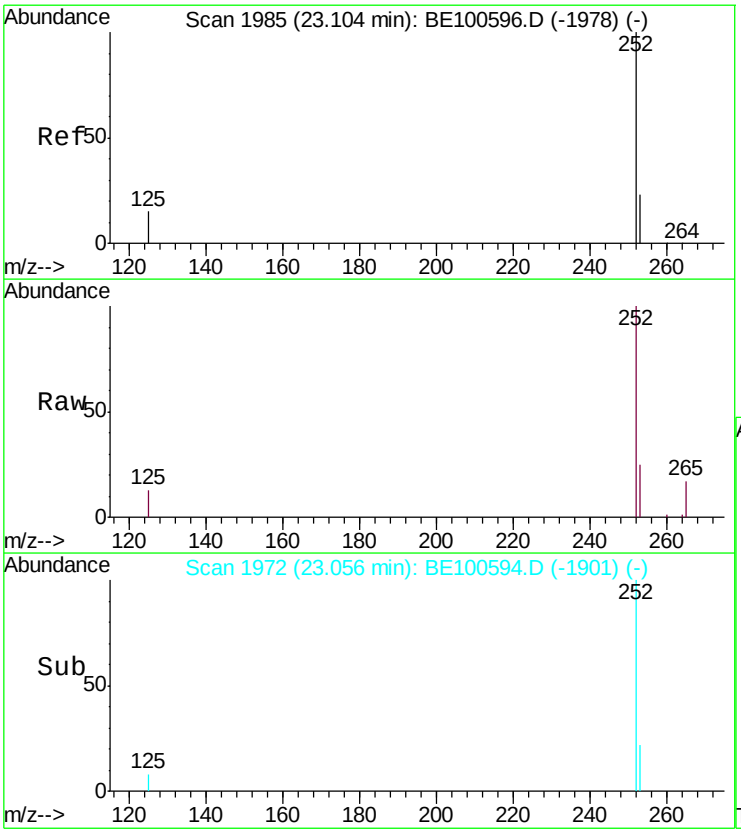
#35
Benzo(b)fluoranthene
Concen: 0.097 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7723

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	13.3	7.9	11.9#

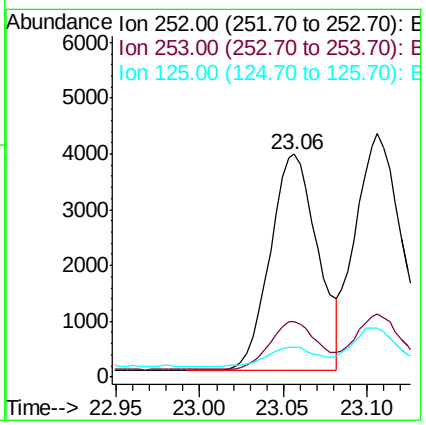


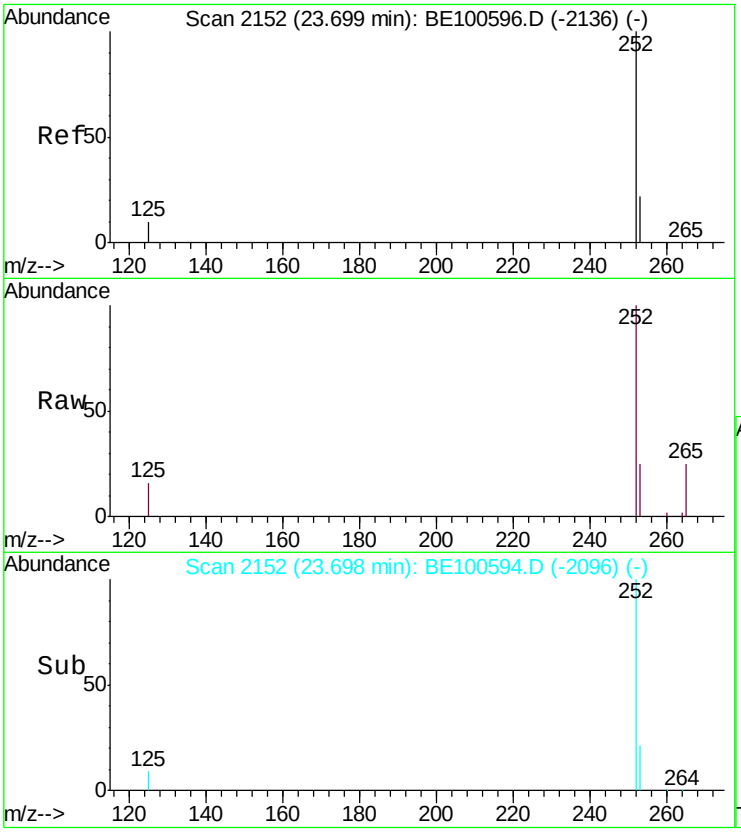


#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.05 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:252 Resp: 7723

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	28.0
125	13.3	11.4	17.0



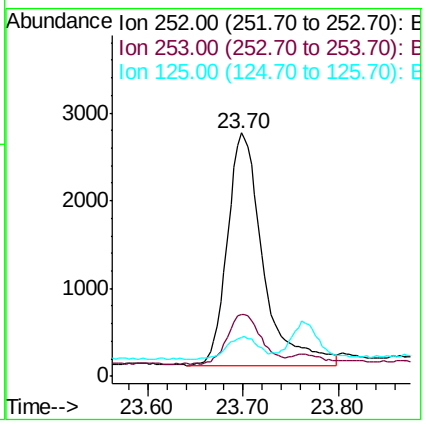


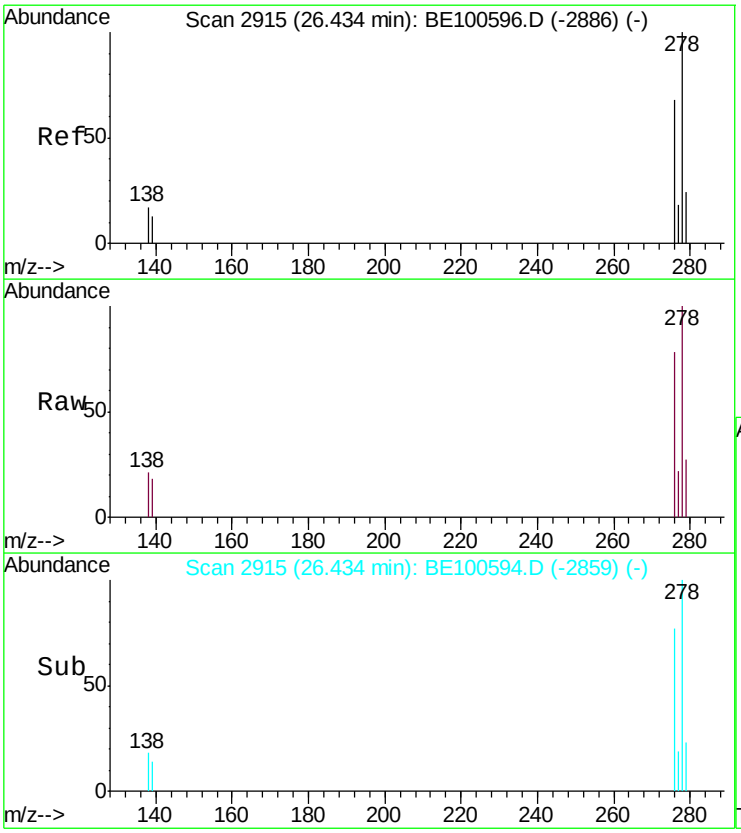
#37
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 6874

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.5	27.7
125	16.0	8.8	13.2#

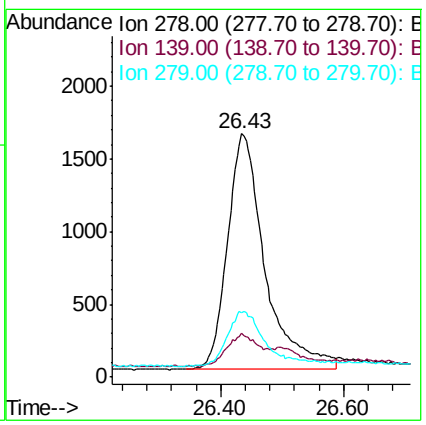


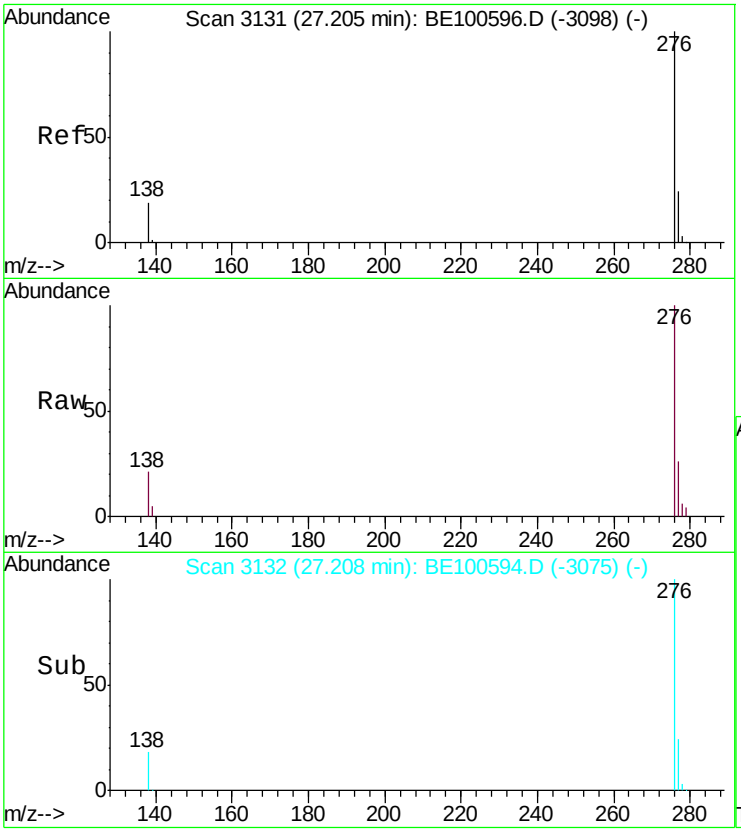


#38
Dibenzo(a,h)anthracene
Concen: 0.090 ng
RT: 26.43 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Tgt Ion:278 Resp: 6882

Ion	Ratio	Lower	Upper
278	100		
139	18.2	11.0	16.4#
279	26.6	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.097 ng
RT: 27.21 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BE100594.D
Acq: 3 Oct 2019 13:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 7501

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.5	29.3
138	21.3	15.6	23.4