Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100663.D
Acq On : 23 Oct 2019 16:02
Operator : JU
Sample : PB124100BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB124100BS

Quant Time: Oct 23 16:57:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	4257	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	17225	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	9657	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	20827	0.40	ng		0.00
27) Chrysene-d12	21.35	240	21807	0.40	ng		0.00
34) Perylene-d12	23.83	264	31051	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	4321	0.33	ng		0.00
5) Phenol-d6	7.01	99	6372	0.34	ng		0.00
8) Nitrobenzene-d5	8.99	82	4105	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	9650	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1006	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	10961	0.31	ng		0.00
25) Fluoranthene-d10	19.22	212	80375	0.30	ng		0.00
29) Terphenyl-d14	19.82	244	17908	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	1805	0.238	ng	#	59
3) n-Nitrosodimethylamine	3.69	42	2238	0.279	ng		92
6) bis(2-Chloroethyl)ether	7.27	93	4545	0.299	ng		99
9) Naphthalene	10.68	128	53238	0.294	ng		100
10) Hexachlorobutadiene	10.98	225	2255	0.287	ng		97
12) 2-Methylnaphthalene	12.29	142	8832	0.286	ng		99
16) Acenaphthylene	14.20	152	12725	0.306	ng		99
17) Acenaphthene	14.54	154	7592	0.283	ng		98
18) Fluorene	15.50	166	10024	0.281	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	3175	0.300	ng		96
21) Hexachlorobenzene	16.52	284	2883	0.286	ng		99
22) Pentachlorophenol	16.85	266	1985	0.610	ng		99
23) Phenanthrene	17.24	178	16803	0.293	ng		99
24) Anthracene	17.32	178	15134	0.285	ng		99
26) Fluoranthene	19.25	202	20439	0.273	ng		100
28) Pyrene	19.61	202	20812	0.342	ng		99
30) Benzo(a)anthracene	21.34	228	20068	0.282	ng		99
31) Chrysene	21.40	228	20463	0.288	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	43730	0.294	ng		99
33) Indeno(1,2,3-cd)pyrene	26.44	276	35809	0.410	ng		100
35) Benzo(b)fluoranthene	23.07	252	24740	0.273	ng		98
36) Benzo(k)fluoranthene	23.13	252	26601	0.286	ng	#	96
37) Benzo(a)pyrene	23.72	252	26511	0.315	ng		99
38) Dibenzo(a,h)anthracene	26.46	278	29568	0.339	ng		98
39) Benzo(g,h,i)perylene	27.23	276	30554	0.349	ng		98

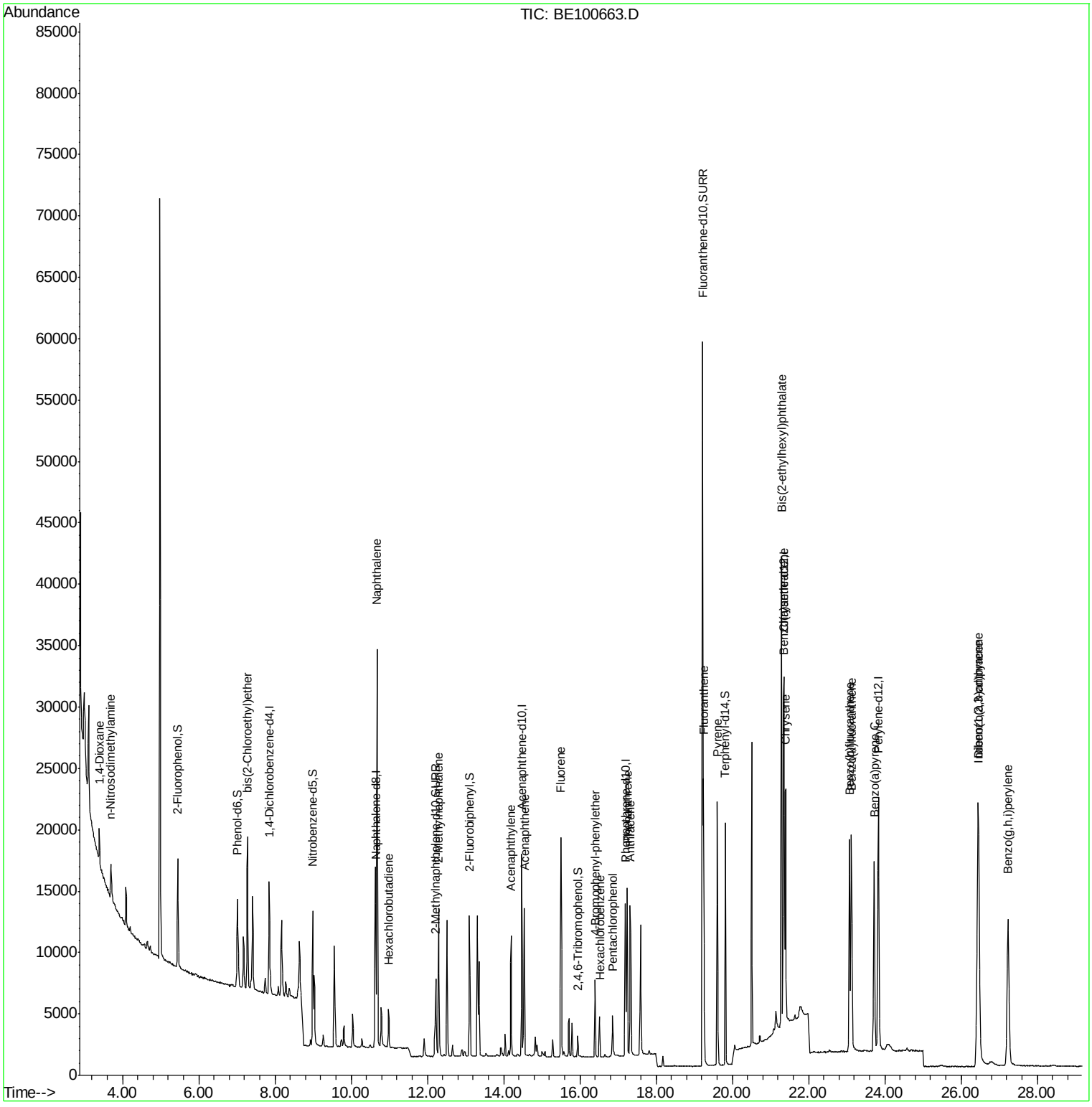
(#) = qualifier out of range (m) = manual integration (+) = signals summed

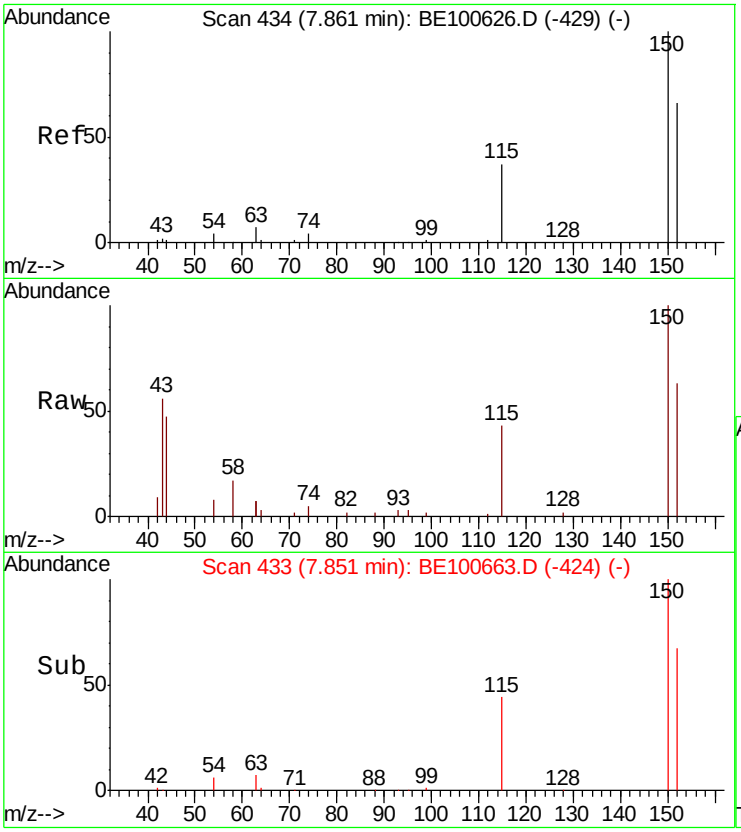
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100663.D
Acq On : 23 Oct 2019 16:02
Operator : JU
Sample : PB124100BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Quant Time: Oct 23 16:57:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



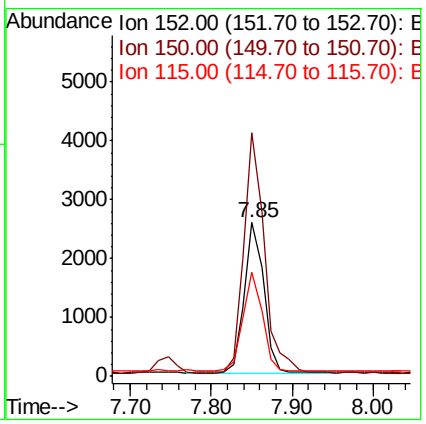


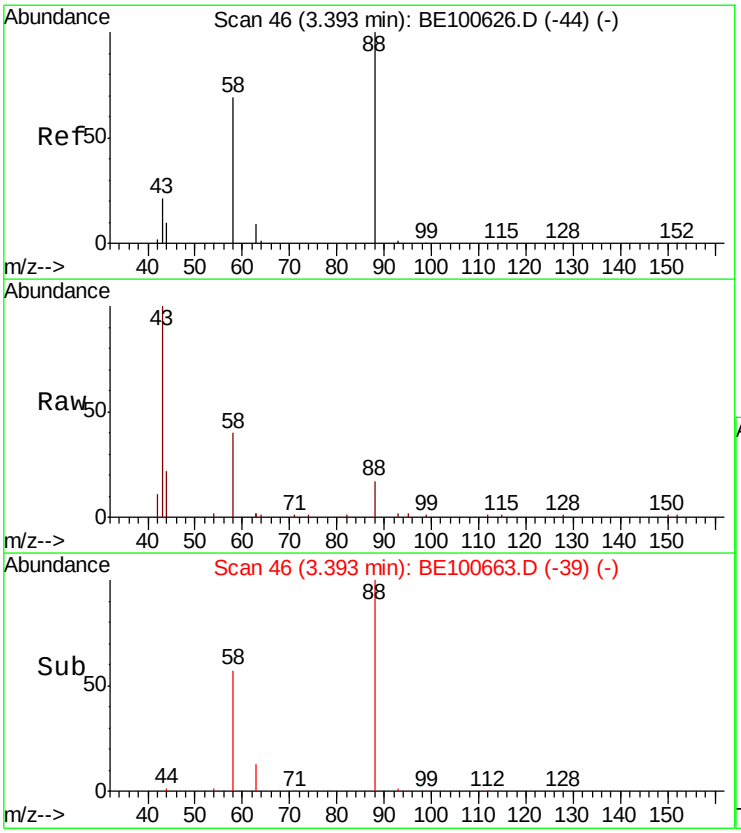
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:152 Resp: 4257

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.3	184.9
115	67.7	51.9	77.9

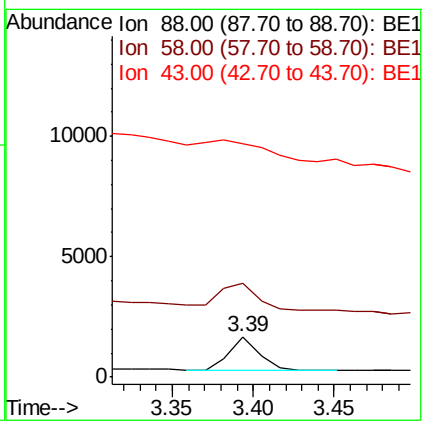


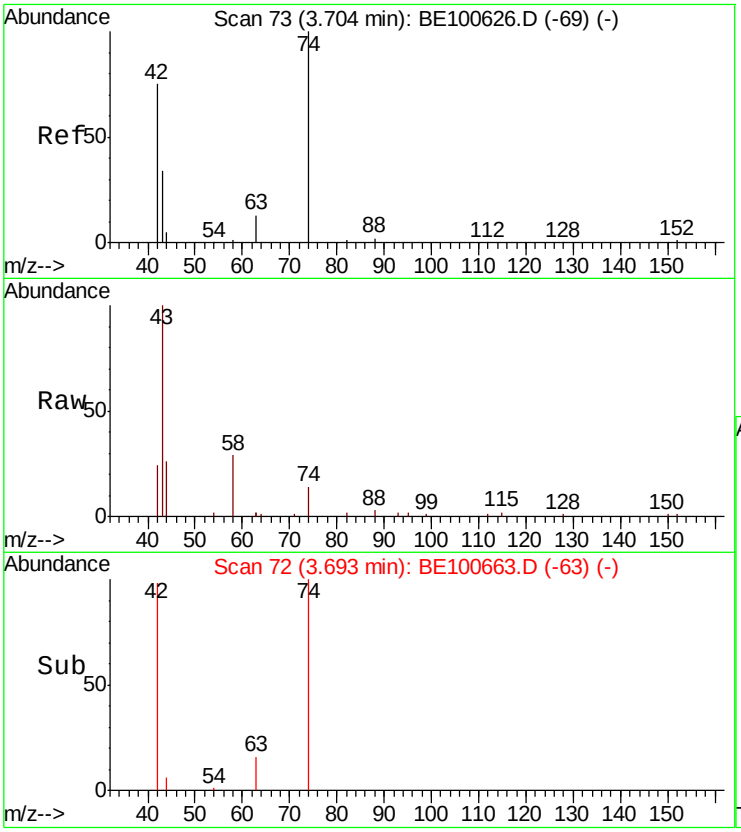


#2
1,4-Dioxane
Concen: 0.238 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion: 88 Resp: 1805

Ion	Ratio	Lower	Upper
88	100		
58	104.5	59.8	89.6#
43	0.0	24.6	36.8#

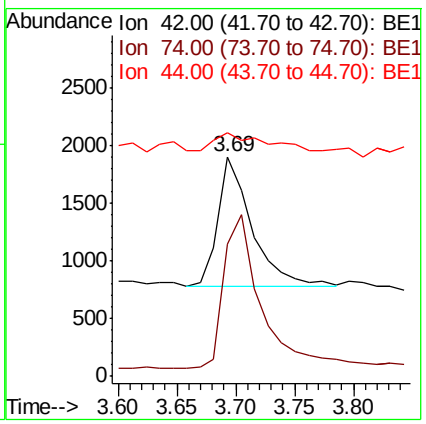




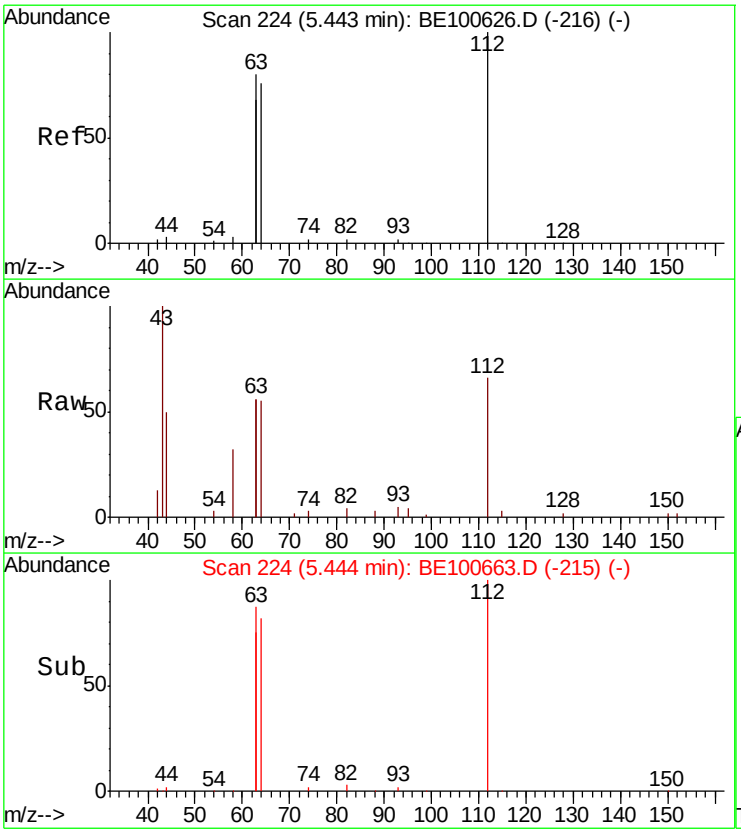
#3
n-Nitrosodimethylamine
Concen: 0.279 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion: 42 Resp: 2238

Ion	Ratio	Lower	Upper
42	100		
74	131.1	97.2	145.8
44	20.2	16.6	24.8



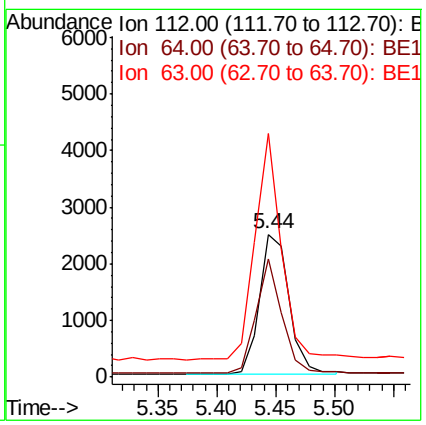
Instrument :
BNA_E
ClientSampleId :
PB124100BS

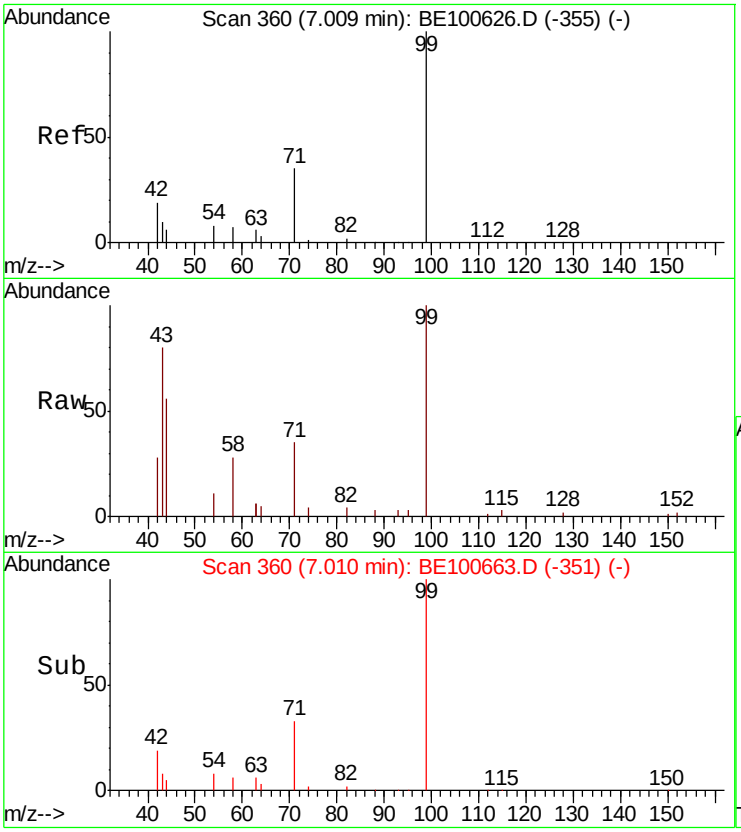


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:112 Resp: 4321

Ion	Ratio	Lower	Upper
112	100		
64	71.7	55.4	83.2
63	142.9	114.2	171.4



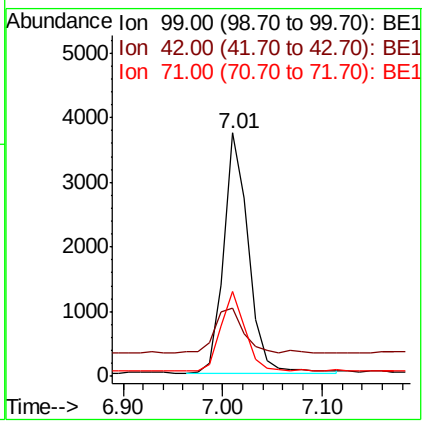


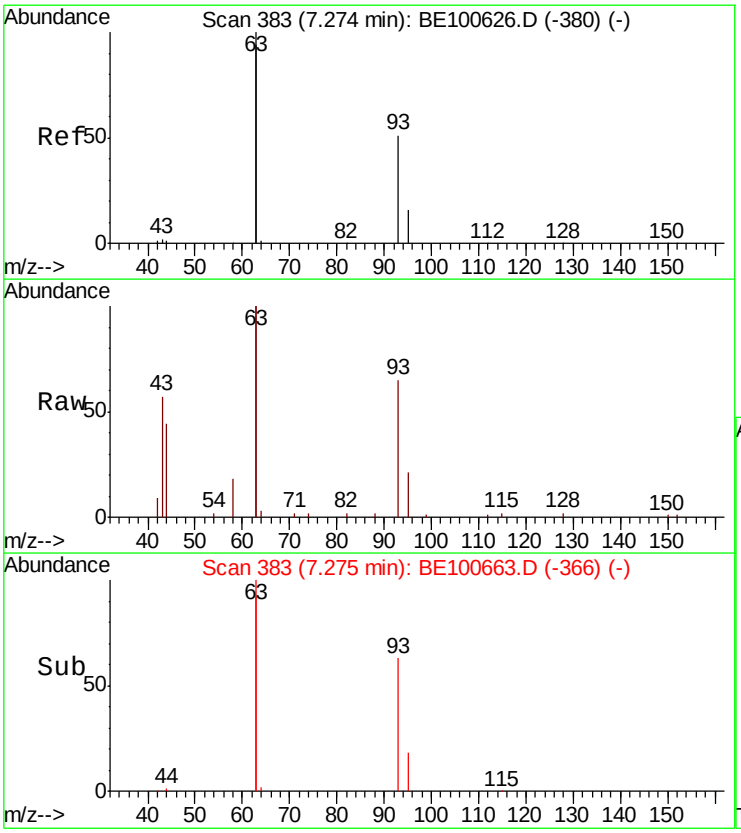
#5
Phenol-d6
Concen: 0.344 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion: 99 Resp: 6372

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.7	26.5
71	33.1	27.4	41.0

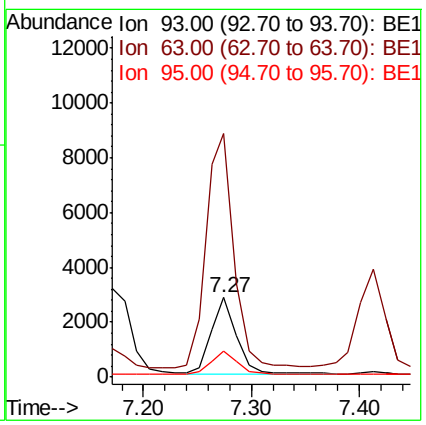


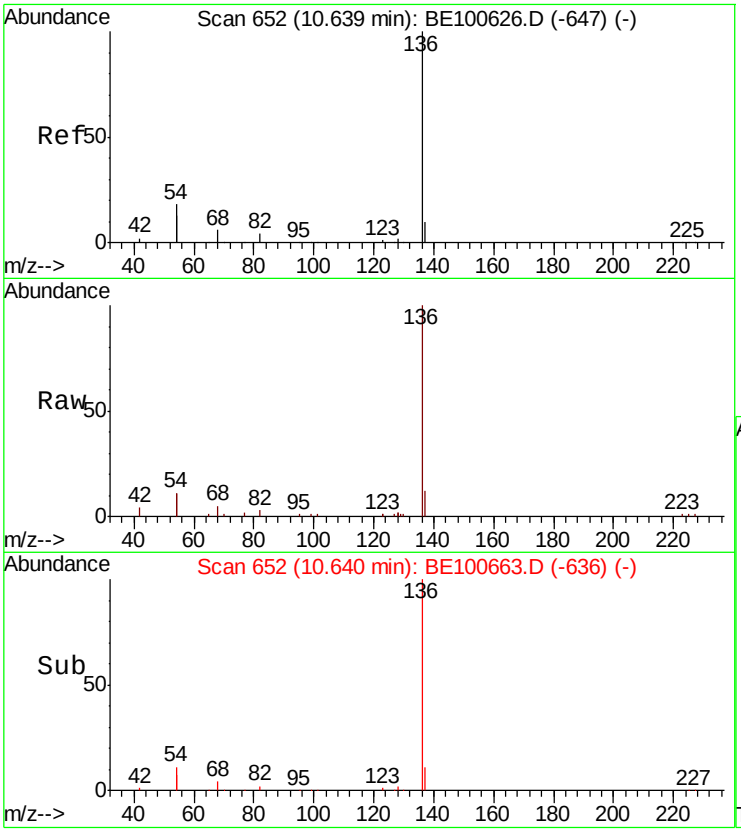


#6
bis(2-Chloroethyl)ether
Concen: 0.299 ng
RT: 7.27 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion: 93 Resp: 4545

Ion	Ratio	Lower	Upper
93	100		
63	334.3	268.8	403.2
95	31.0	25.6	38.4



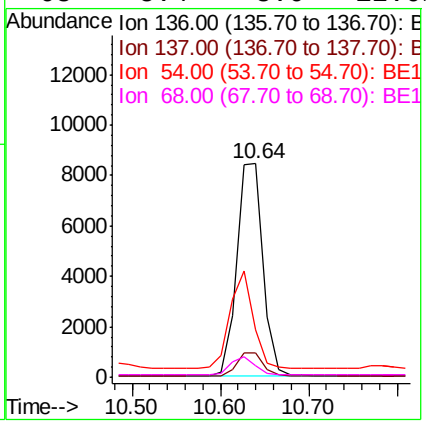


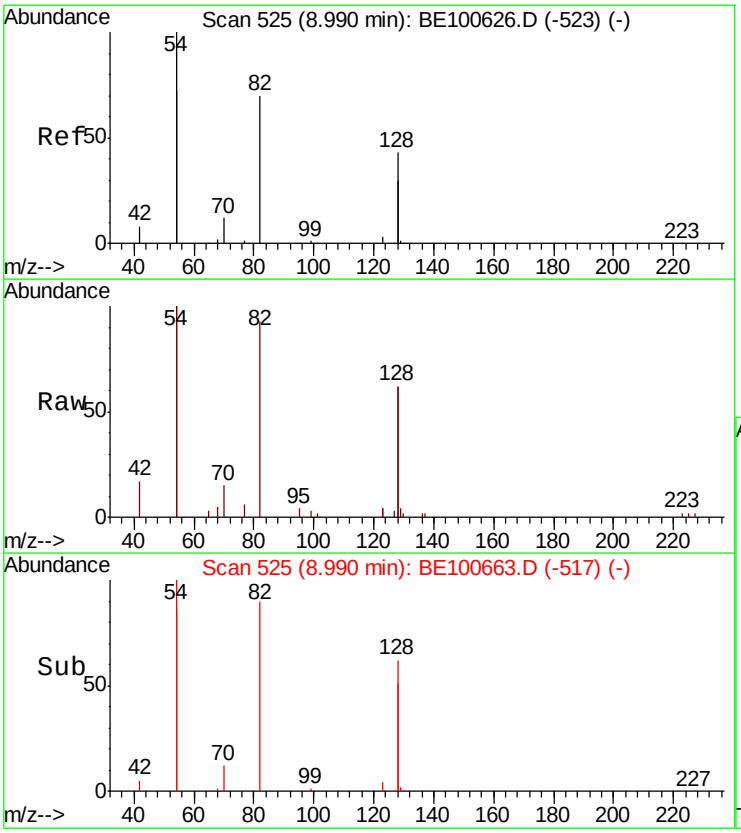
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:136 Resp: 17225

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	22.4	39.4	59.2#
68	5.4	8.0	12.0#

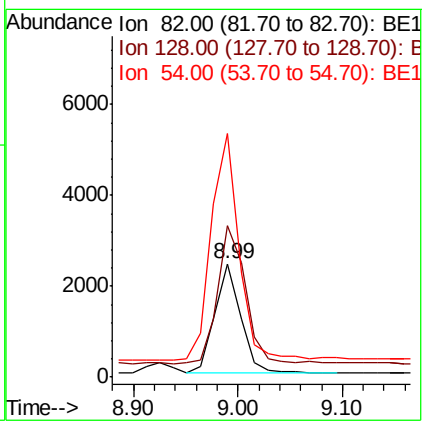


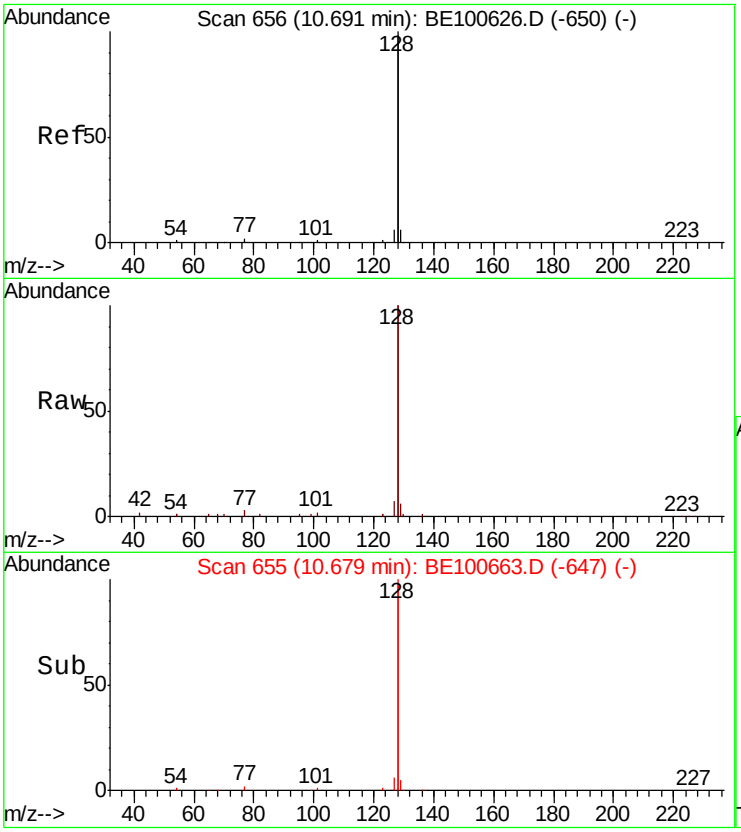


#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion: 82 Resp: 4105

Ion	Ratio	Lower	Upper
82	100		
128	133.9	107.8	161.8
54	215.2	166.1	249.1



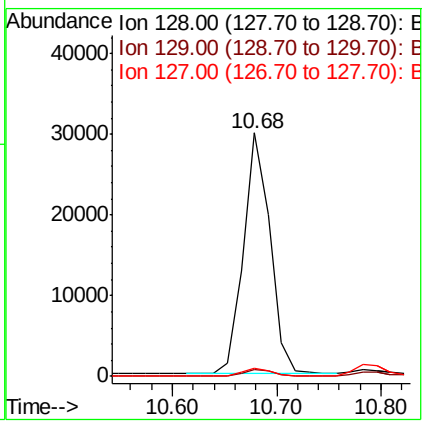


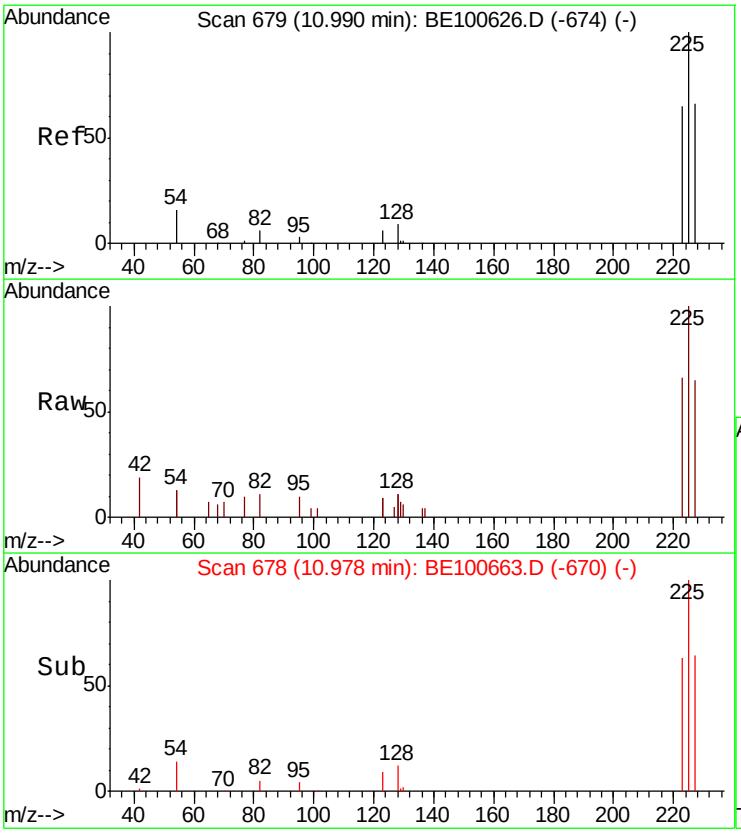
#9
Naphthalene
Concen: 0.294 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:128 Resp: 53238

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.4	2.7	4.1

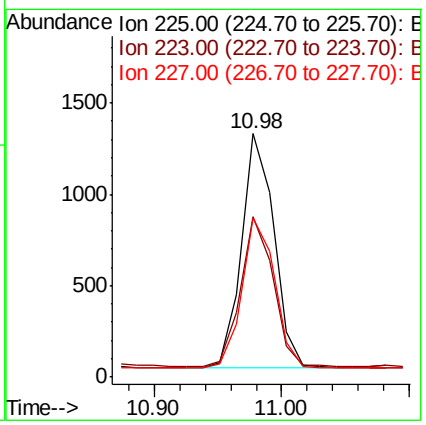


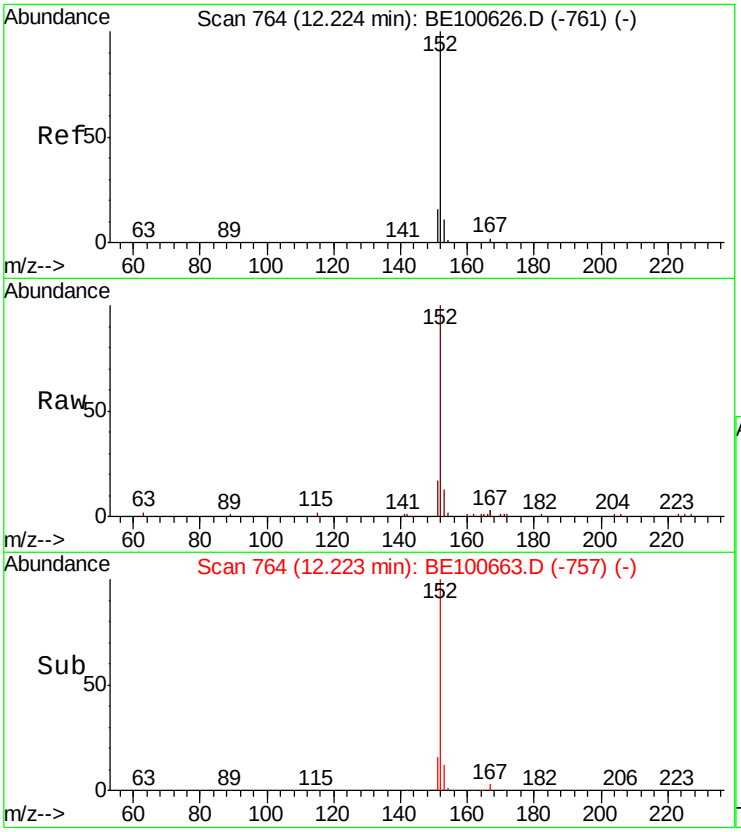


#10
Hexachlorobutadiene
Concen: 0.287 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:225 Resp: 2255

Ion	Ratio	Lower	Upper
225	100		
223	64.4	48.6	72.8
227	64.8	51.6	77.4



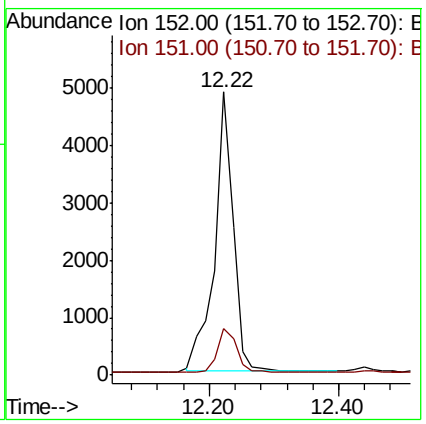


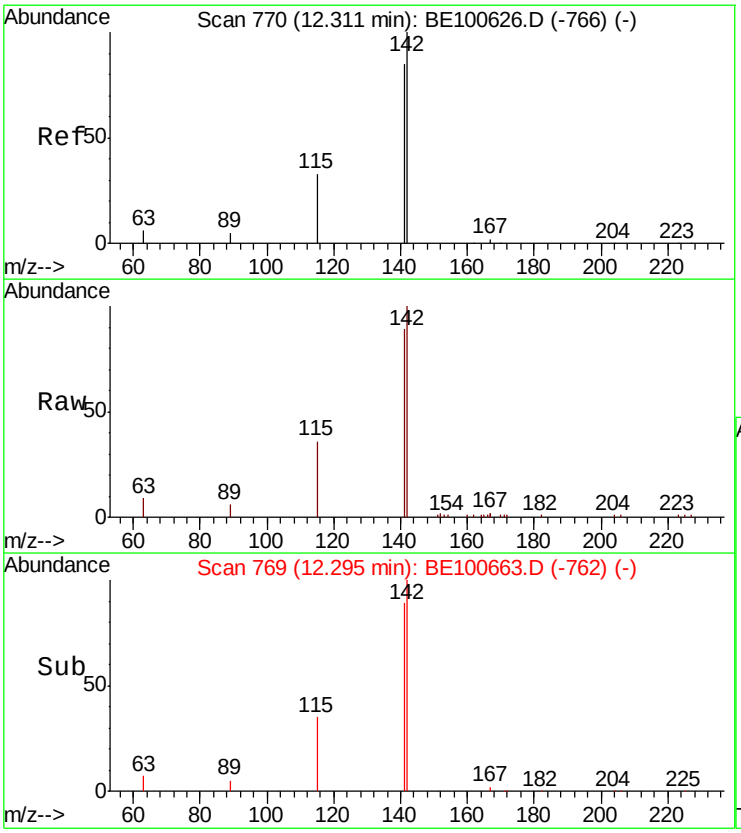
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:152 Resp: 9650

Ion	Ratio	Lower	Upper
152	100		
151	15.7	14.7	22.1

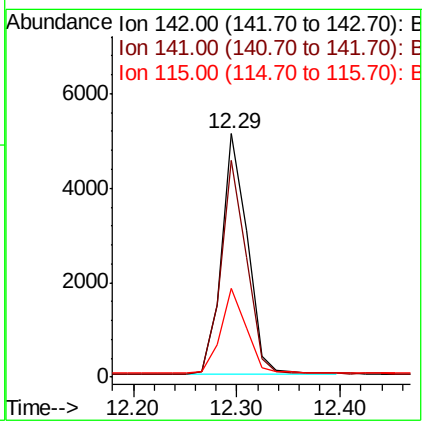


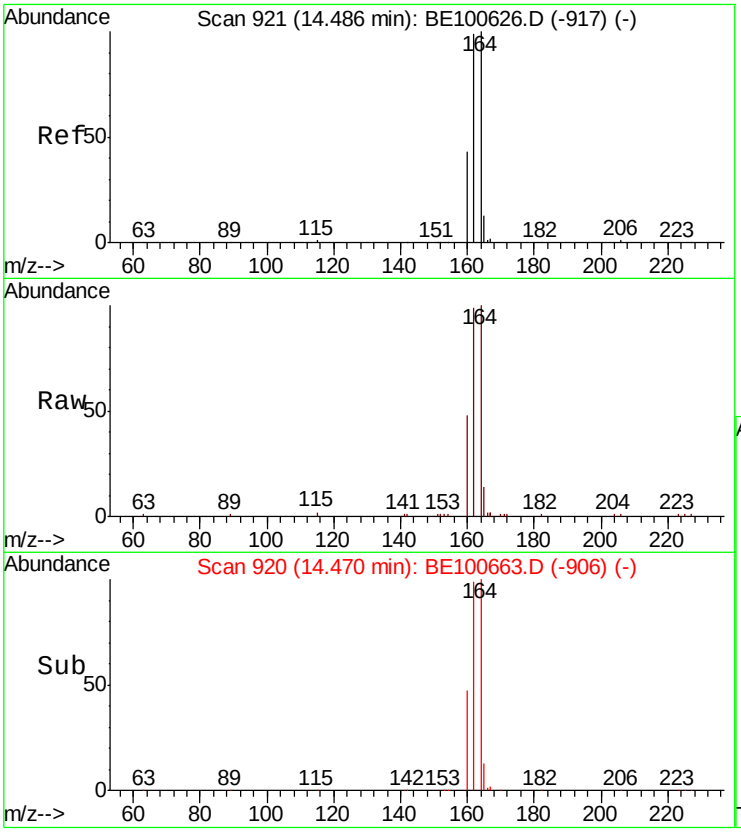


#12
2-Methylnaphthalene
Concen: 0.286 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:142 Resp: 8832

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.1	105.1
115	36.5	28.3	42.5



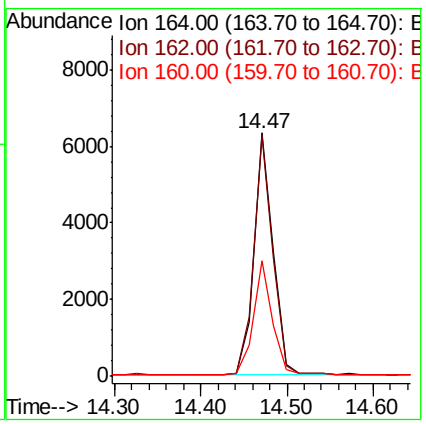


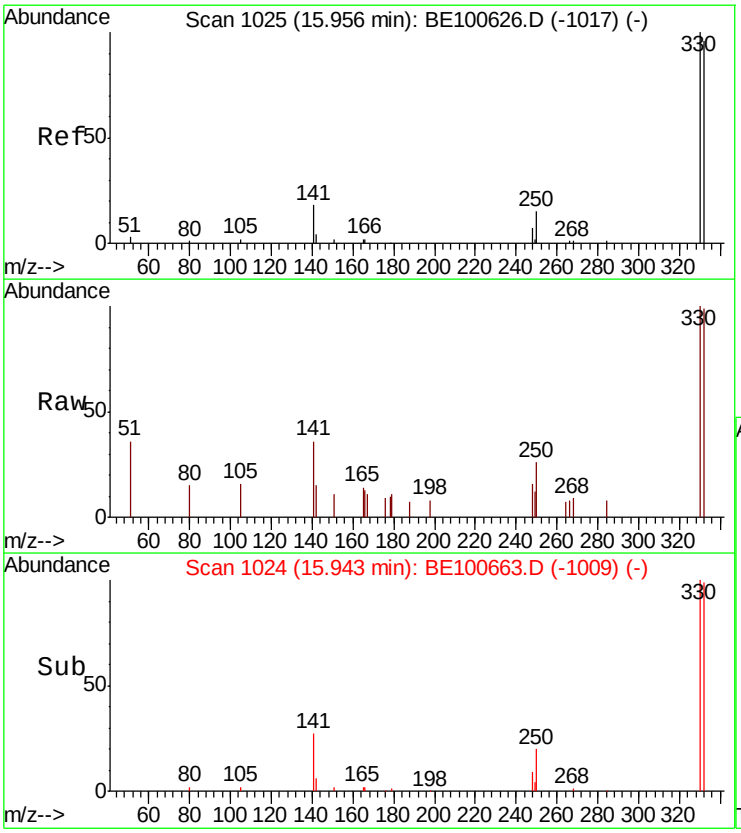
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:164 Resp: 9657

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.0	123.0
160	47.7	37.5	56.3

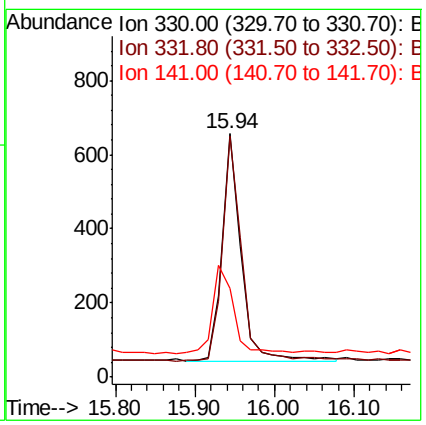


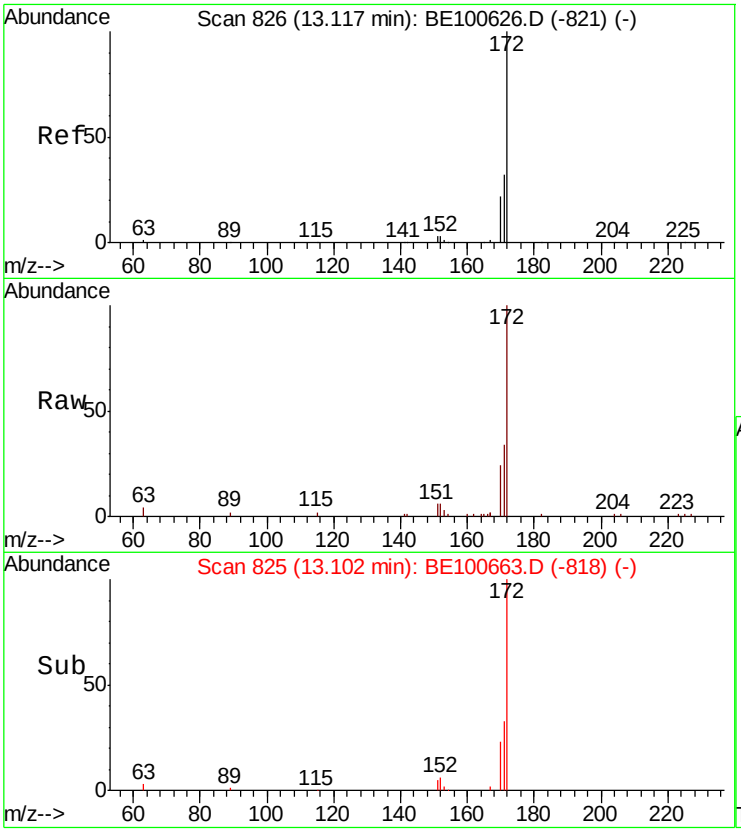


#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:330 Resp: 1006

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.9	116.9
141	44.2	33.0	49.6



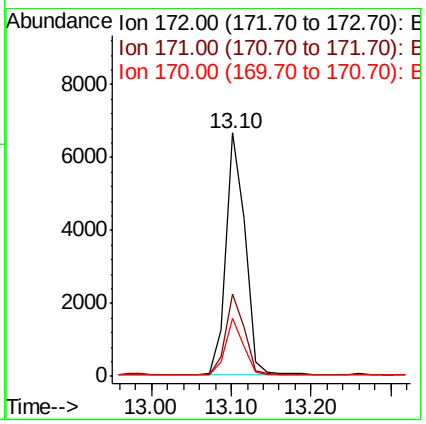


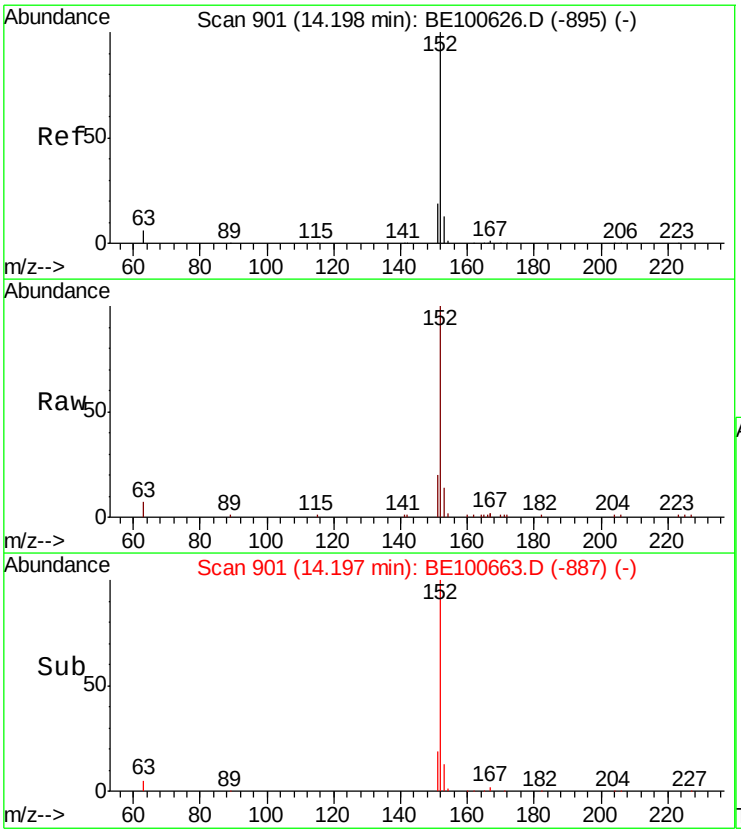
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:172 Resp: 10961

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.5	39.7
170	23.8	19.0	28.4

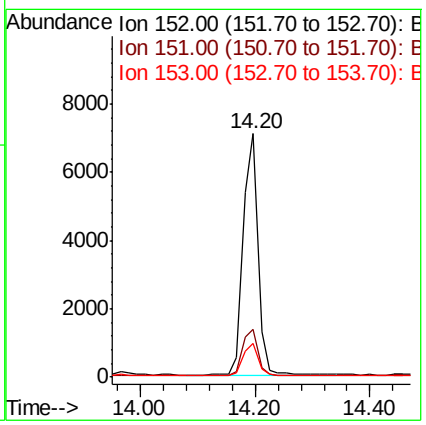


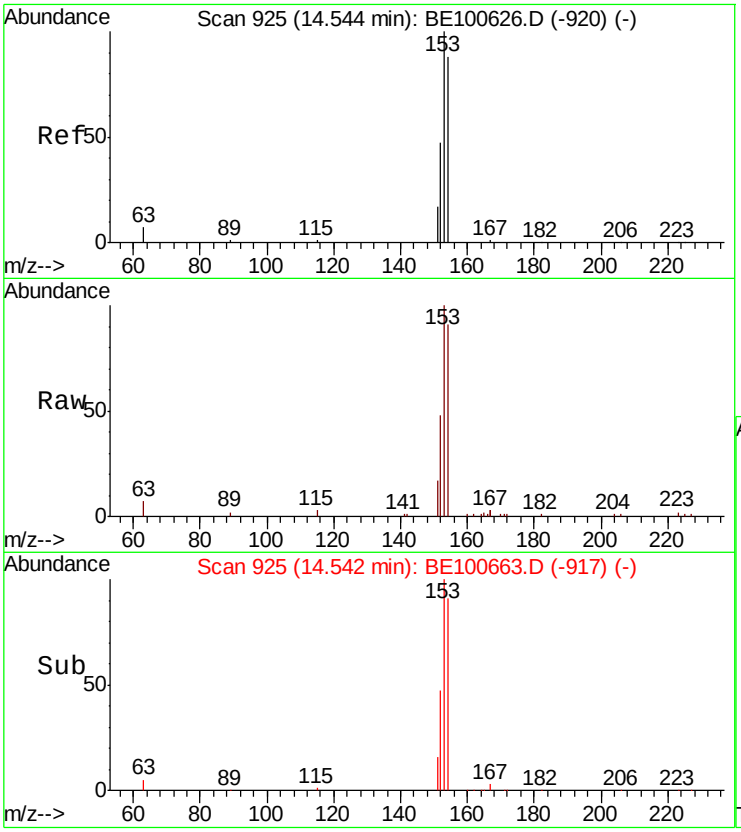


#16
Acenaphthylene
Concen: 0.306 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:152 Resp: 12725

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8
153	13.2	10.3	15.5



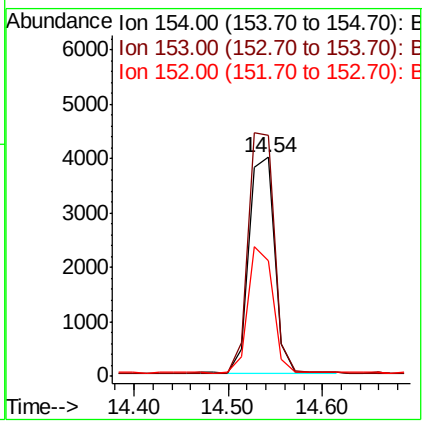


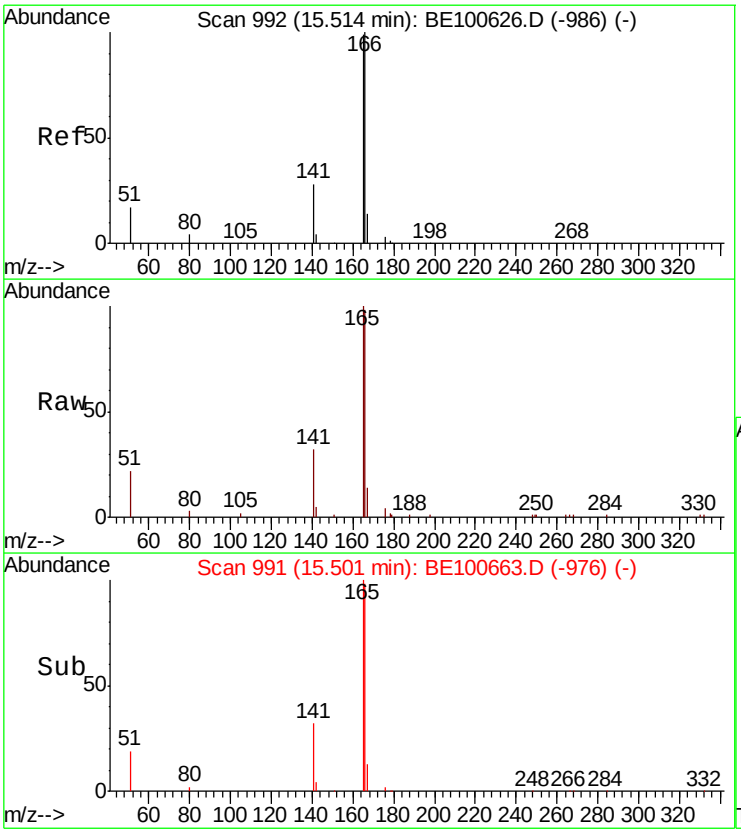
#17
Acenaphthene
Concen: 0.283 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:154 Resp: 7592

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.4	134.2
152	56.8	44.1	66.1

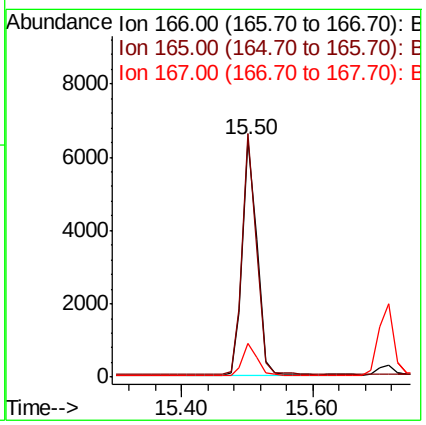


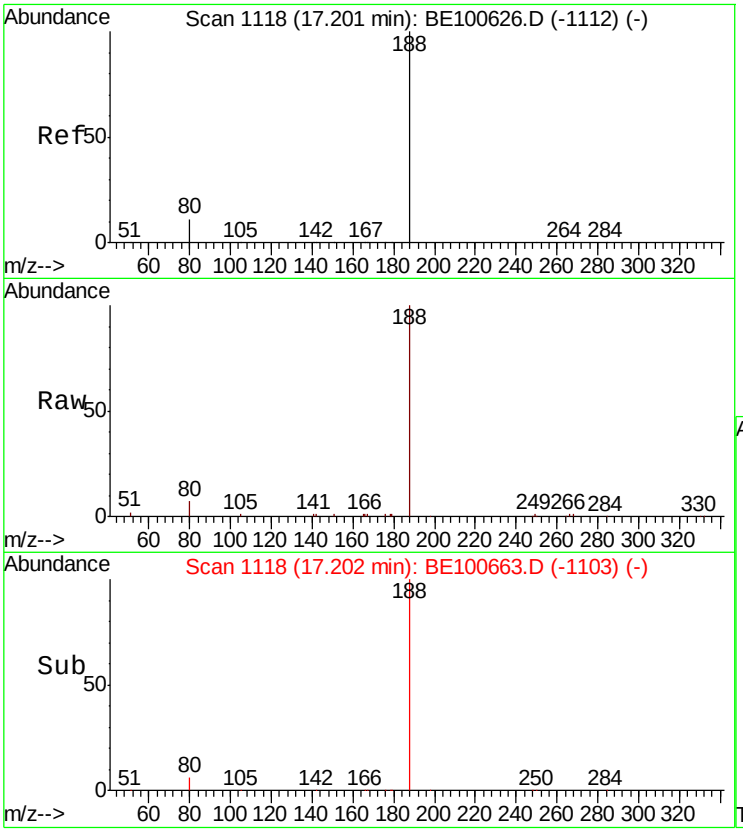


#18
Fluorene
Concen: 0.281 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:166 Resp: 10024

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.2	10.9	16.3



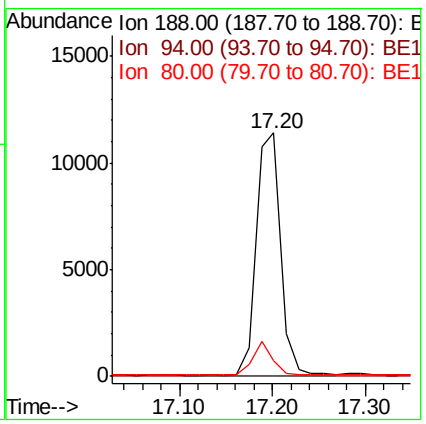


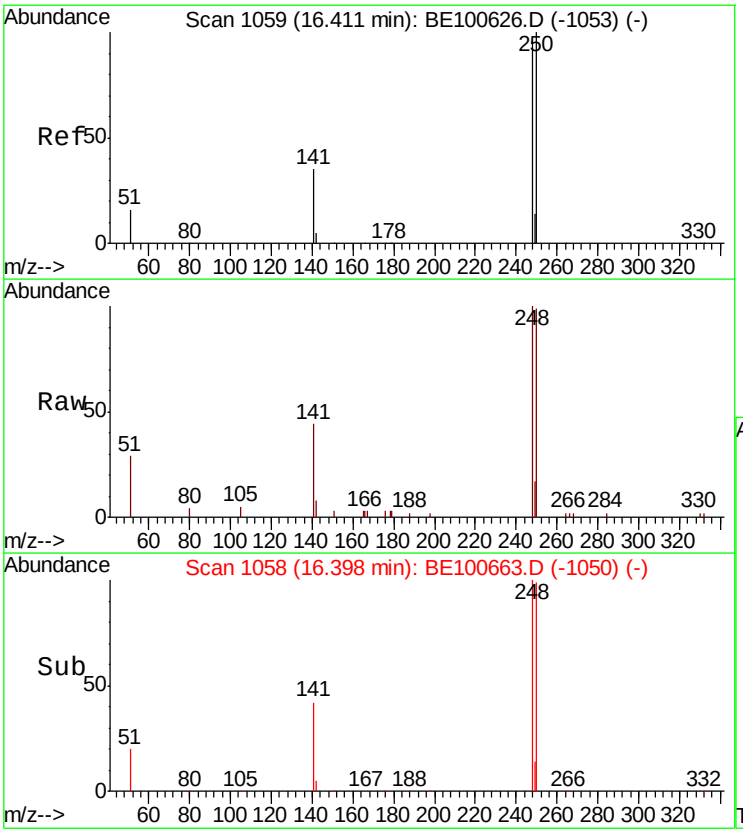
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:188 Resp: 20827

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.4	8.0

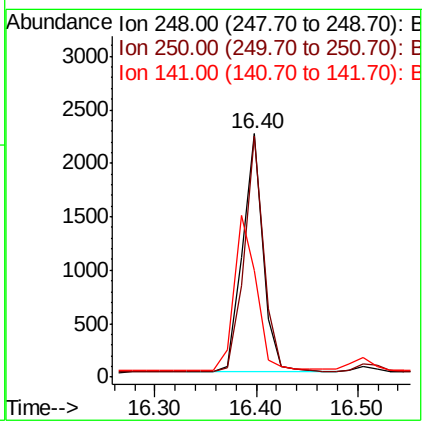


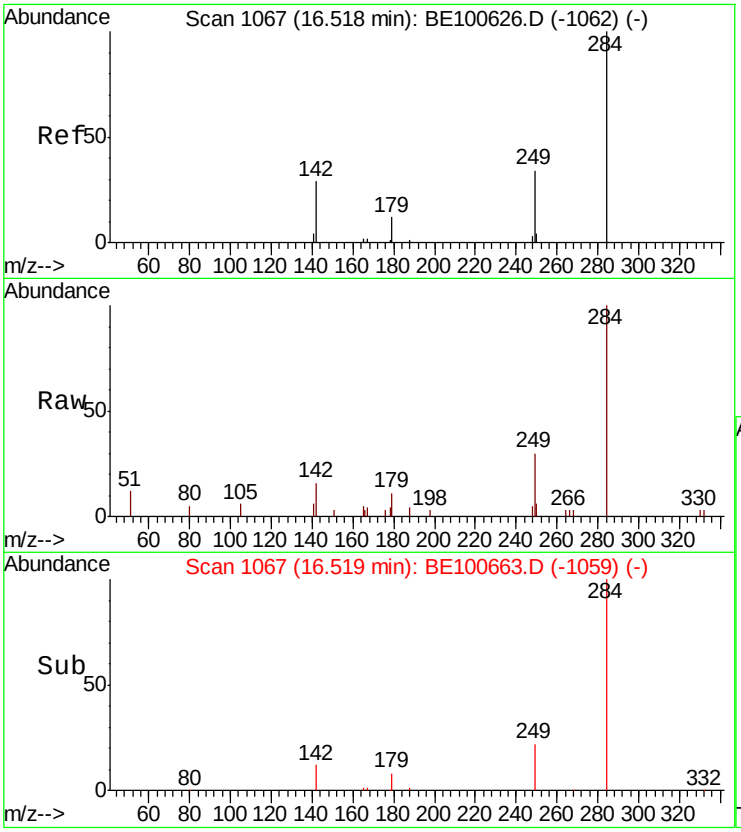


#20
4-Bromophenyl-phenylether
Concen: 0.300 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:248 Resp: 3175

Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.3	114.5
141	44.0	37.3	55.9



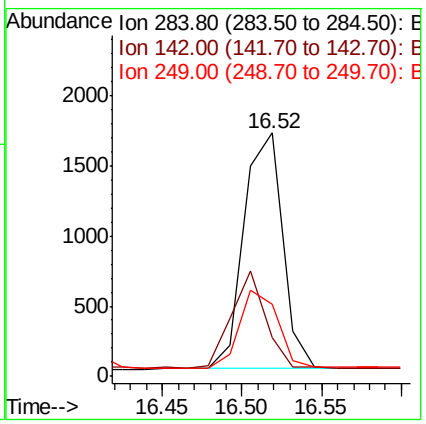


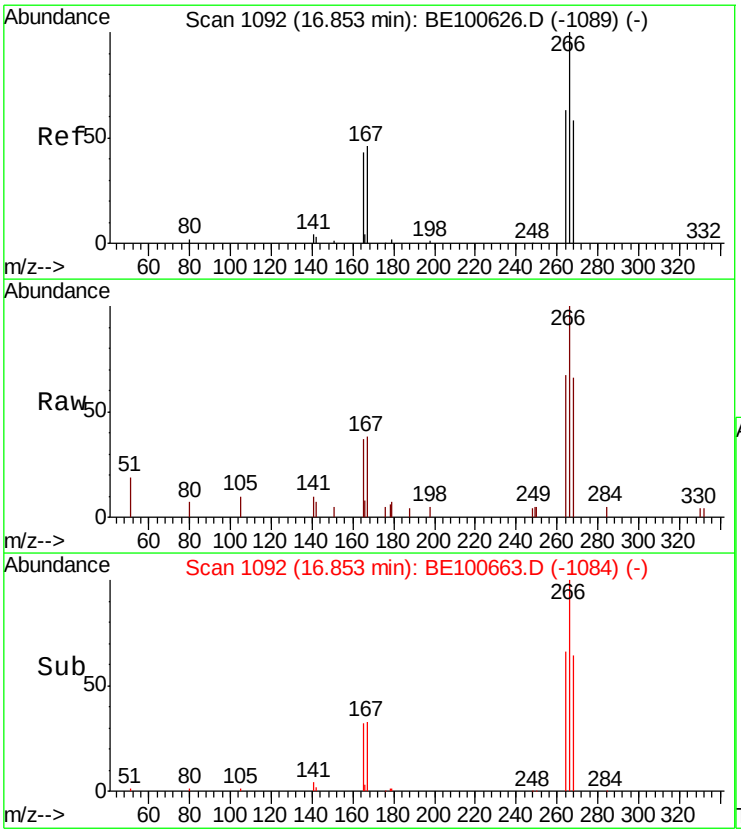
#21
Hexachlorobenzene
Concen: 0.286 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:284 Resp: 2883

Ion	Ratio	Lower	Upper
284	100		
142	36.8	28.6	42.8
249	32.5	26.3	39.5

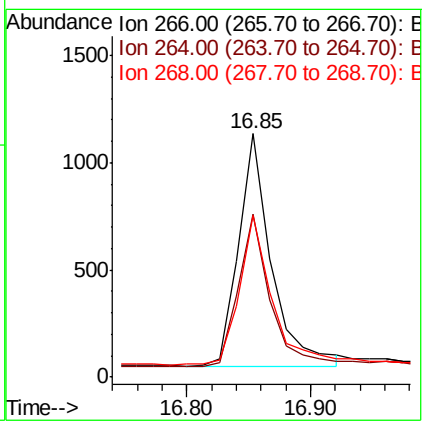


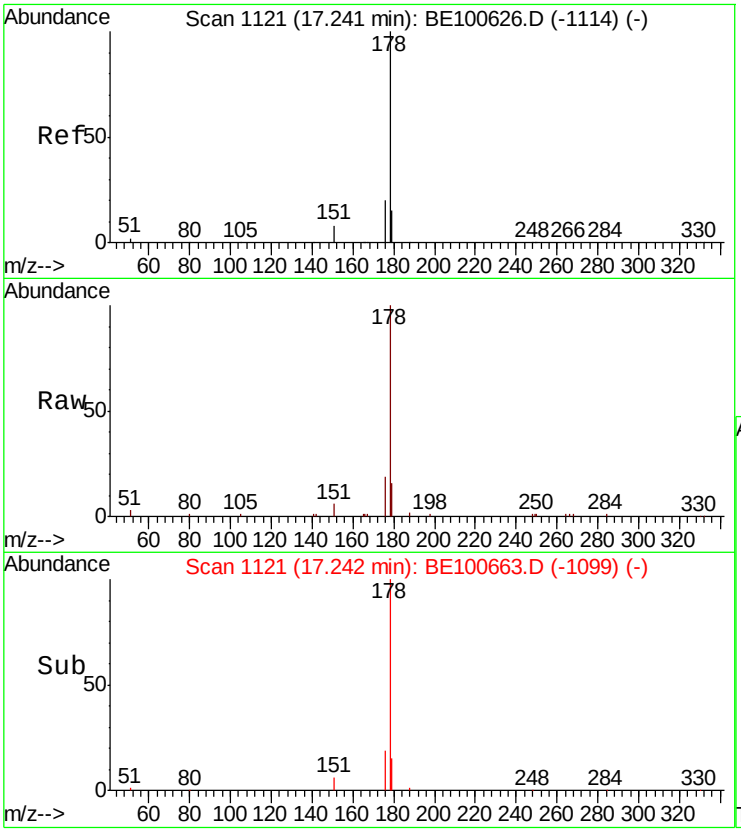


#22
Pentachlorophenol
Concen: 0.610 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:266 Resp: 1985

Ion	Ratio	Lower	Upper
266	100		
264	66.9	52.2	78.4
268	66.4	53.1	79.7



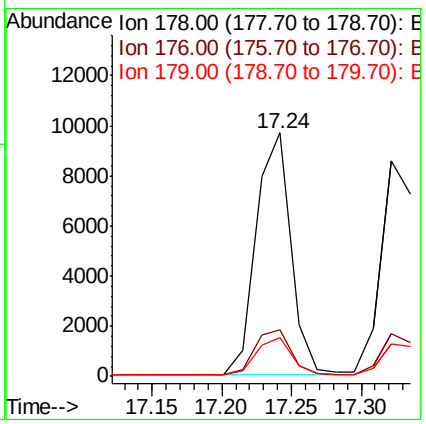


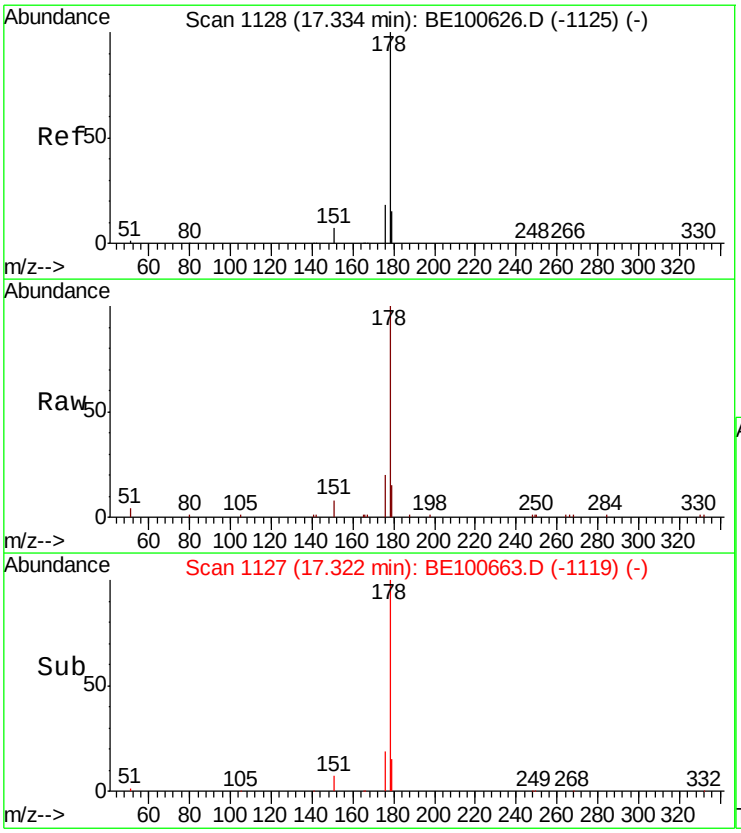
#23
Phenanthrene
Concen: 0.293 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:178 Resp: 16803

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.5	12.1	18.1

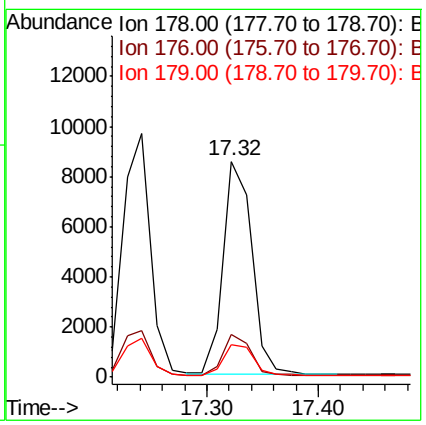


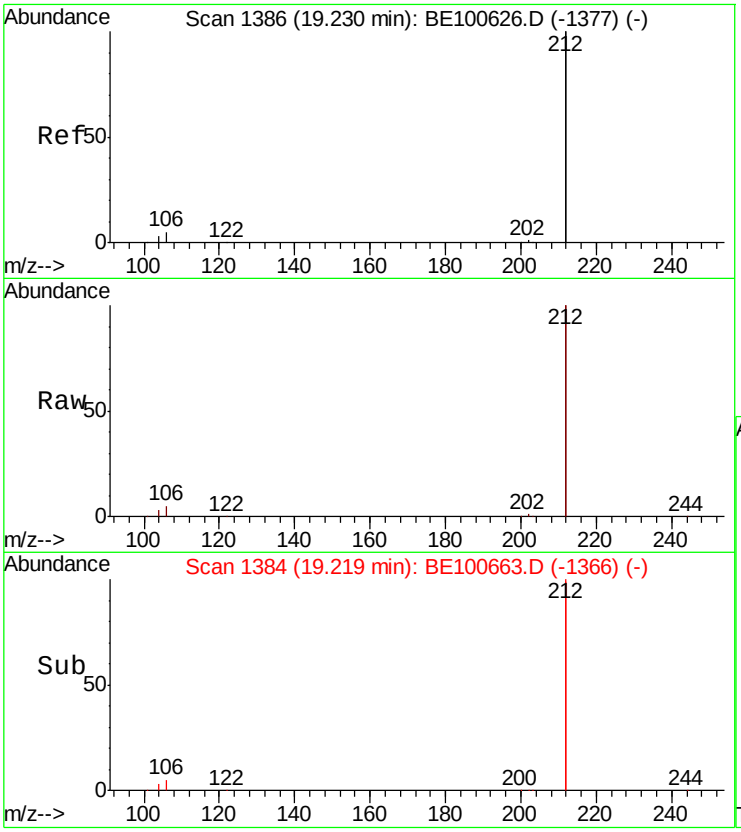


#24
Anthracene
Concen: 0.285 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:178 Resp: 15134

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.0	12.5	18.7



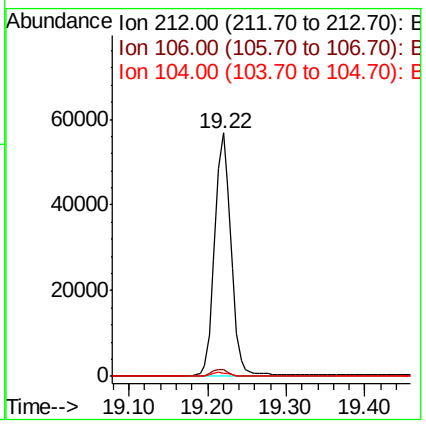


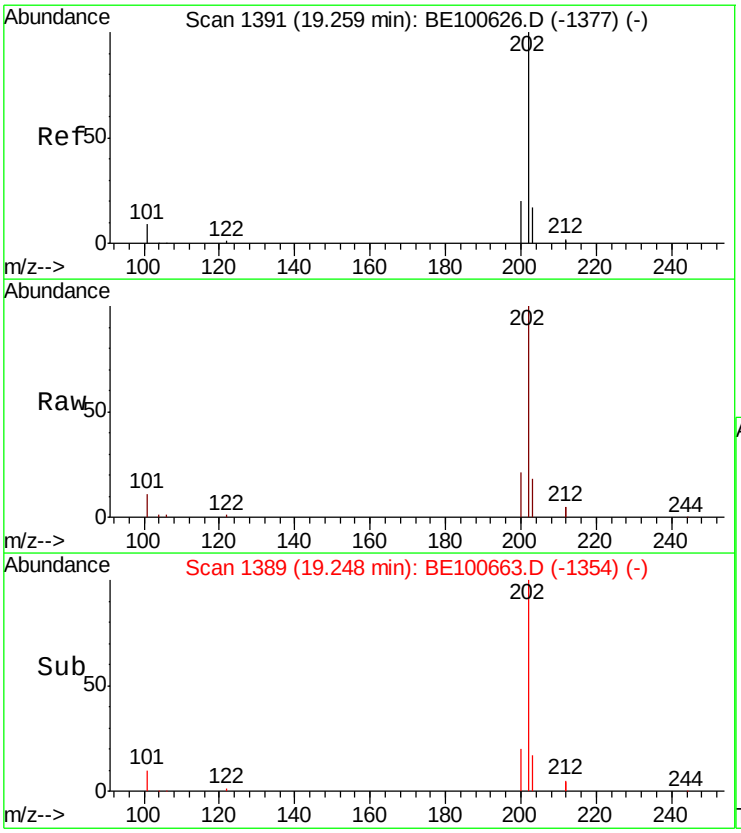
#25
Fluoranthene-d10
Concen: 0.299 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:212 Resp: 80375

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.5	1.3	1.9

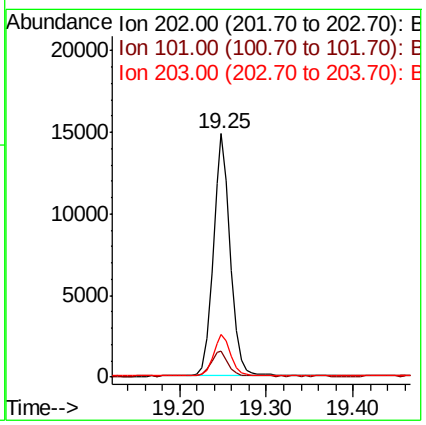


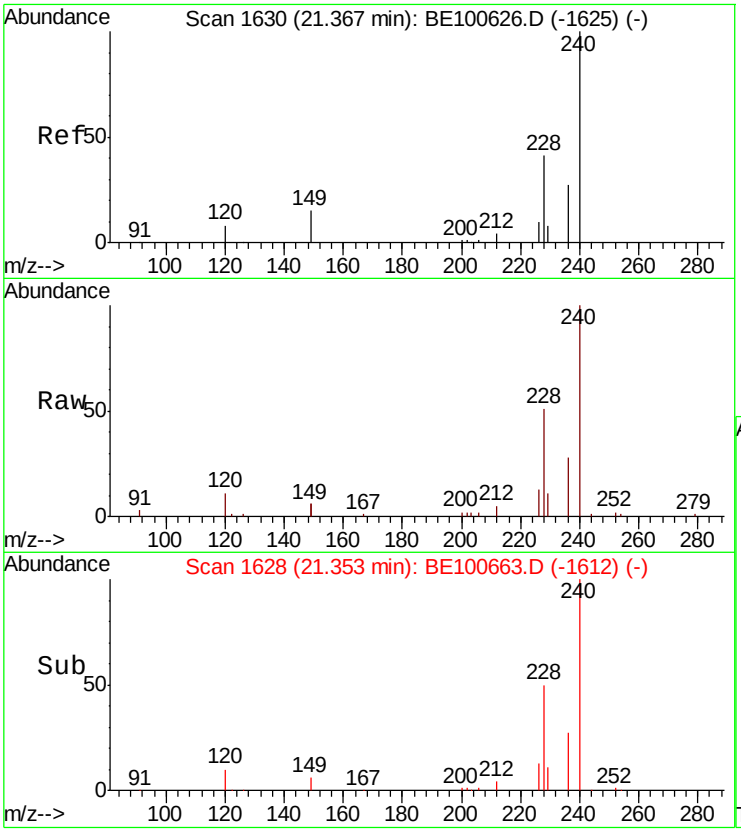


#26
Fluoranthene
Concen: 0.273 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:202 Resp: 20439

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.1	13.8	20.8



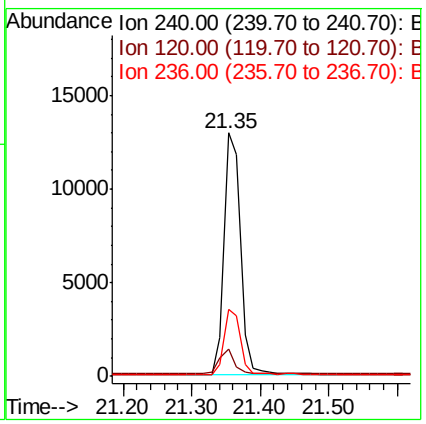


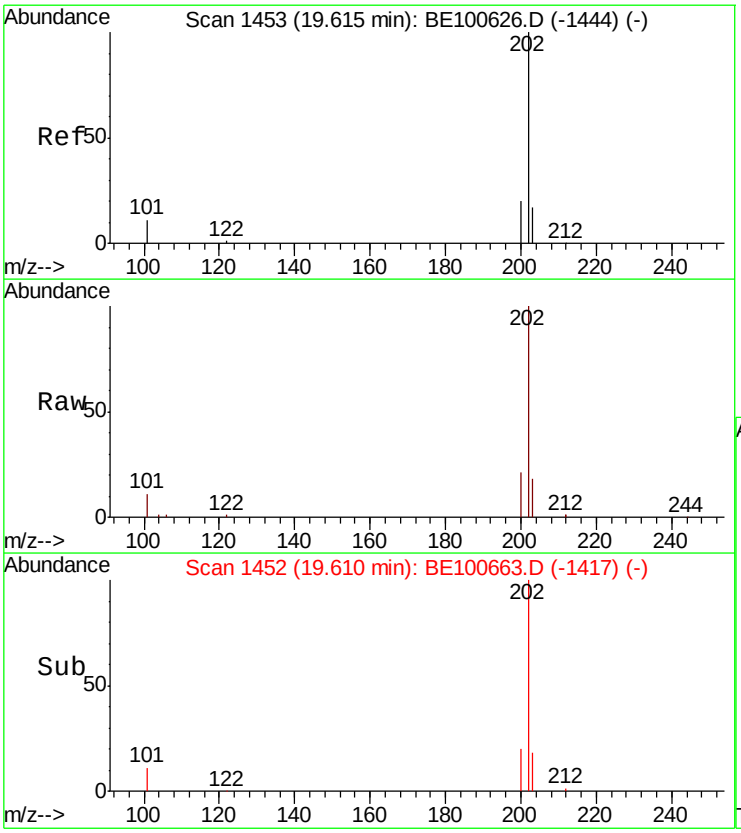
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:240 Resp: 21807

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.6	11.4
236	27.6	22.1	33.1

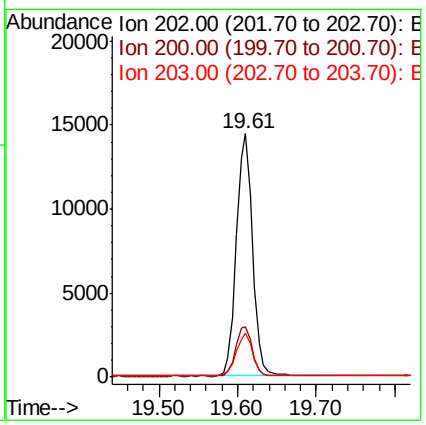


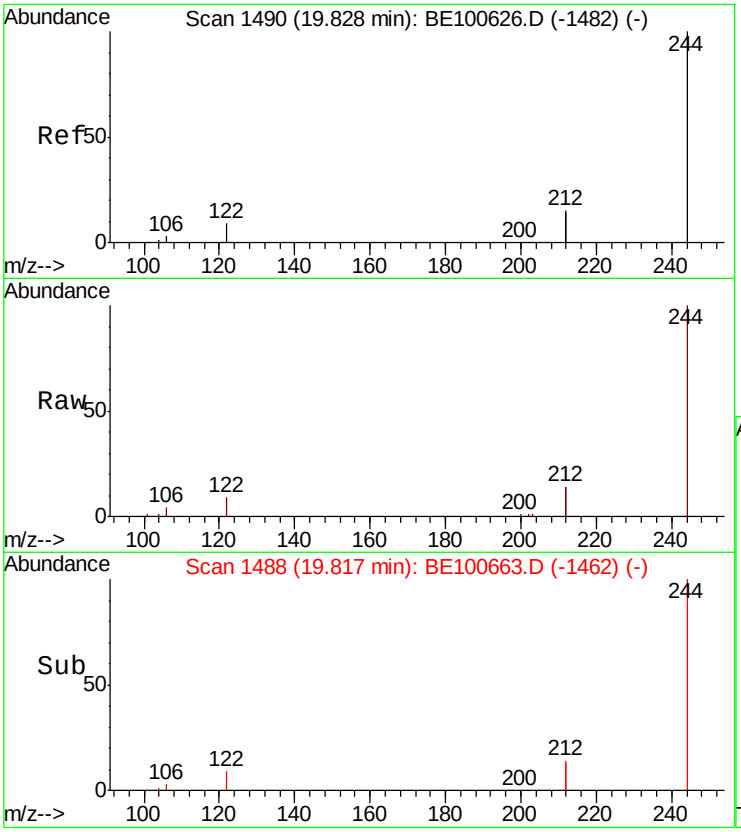


#28
Pyrene
Concen: 0.342 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:202 Resp: 20812

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.9	14.0	21.0



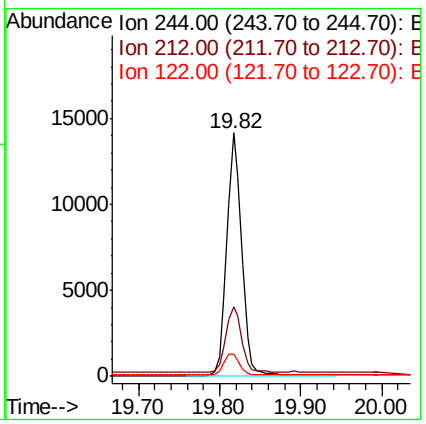


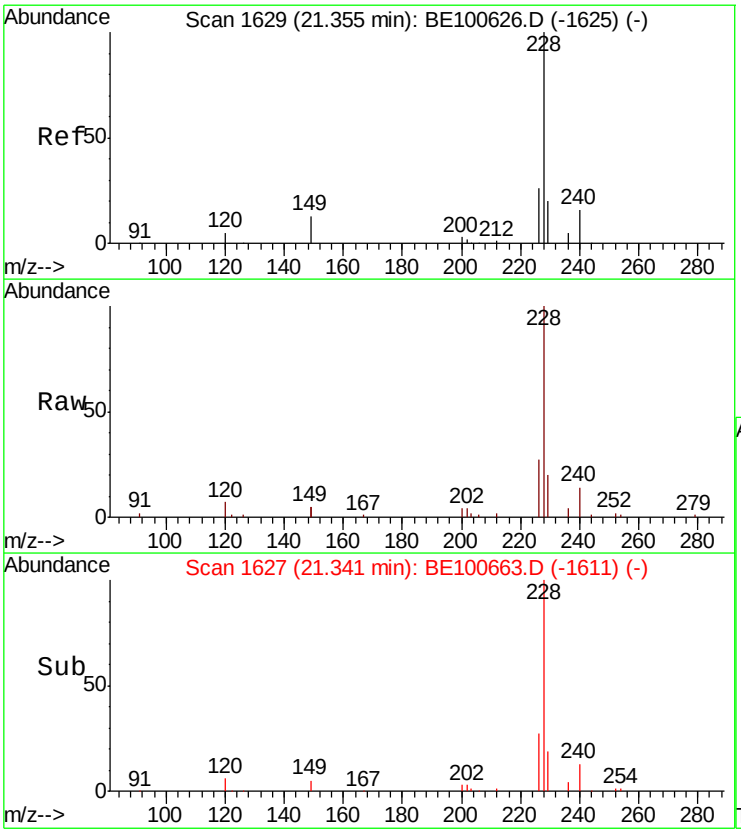
#29
Terphenyl-d14
Concen: 0.376 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:244 Resp: 17908

Ion	Ratio	Lower	Upper
244	100		
212	28.8	23.7	35.5
122	9.0	7.9	11.9

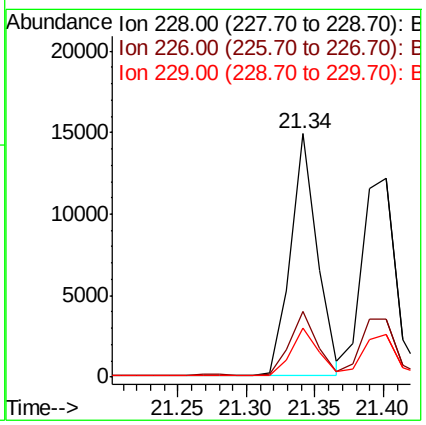


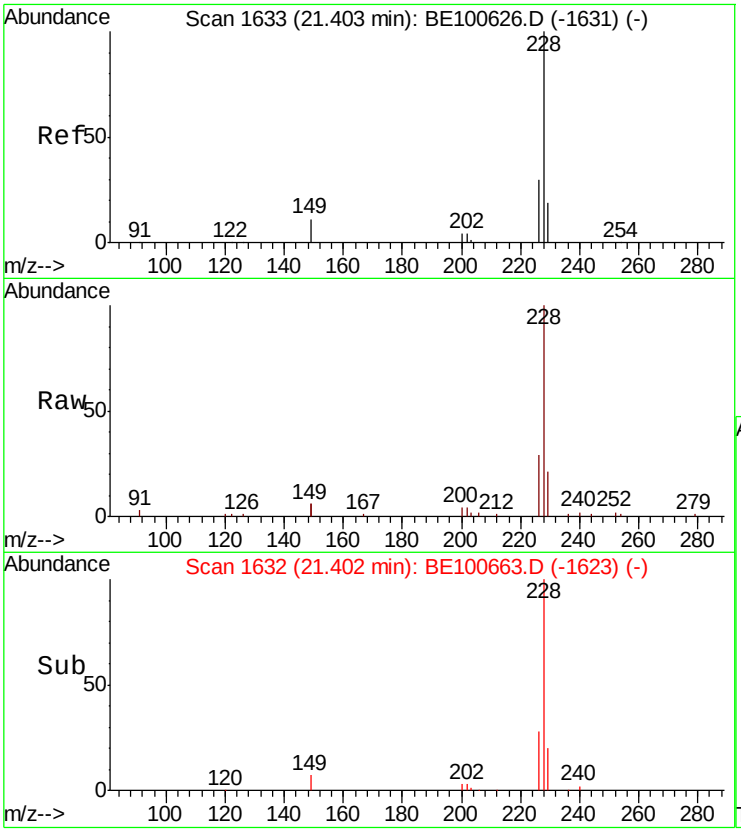


#30
Benzo(a)anthracene
Concen: 0.282 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:228 Resp: 20068

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.0
229	19.9	16.0	24.0



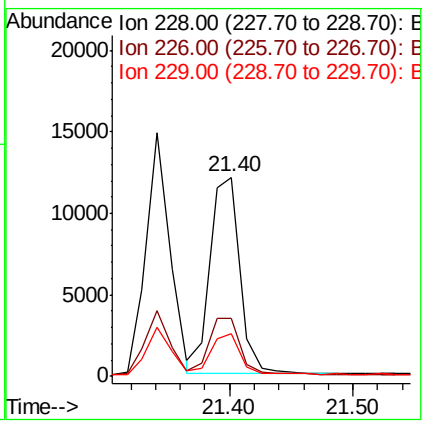


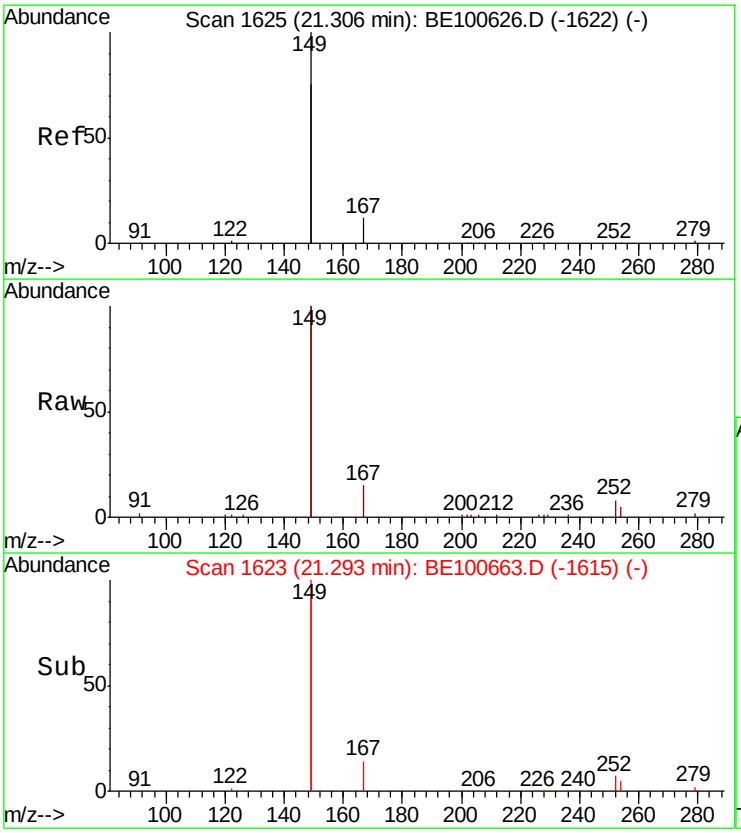
#31
Chrysene
Concen: 0.288 ng
RT: 21.40 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:228 Resp: 20463

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	37.0
229	21.1	15.8	23.8

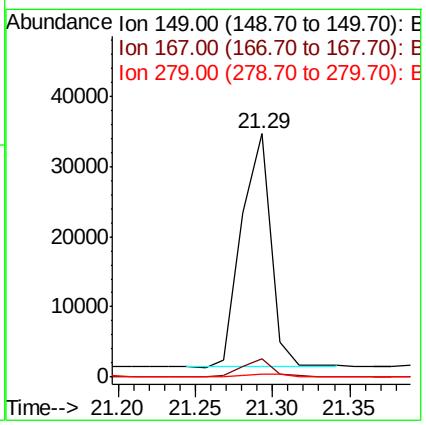


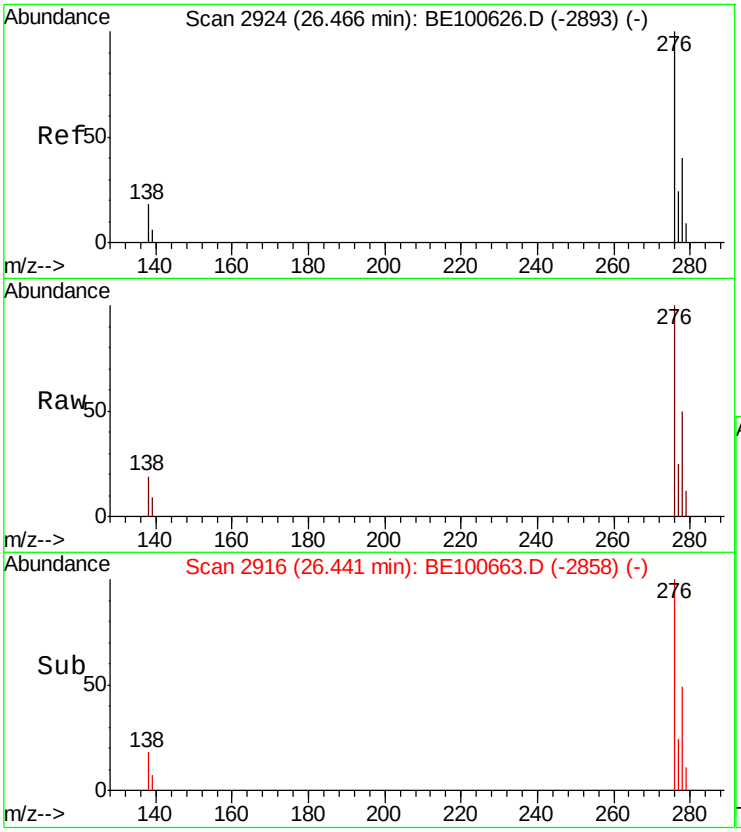


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.294 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:149 Resp: 43730

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.5	8.3
279	1.1	0.9	1.3



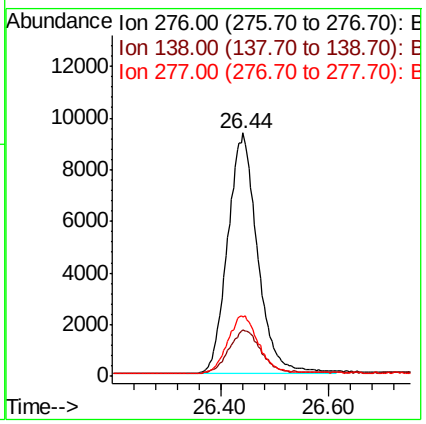


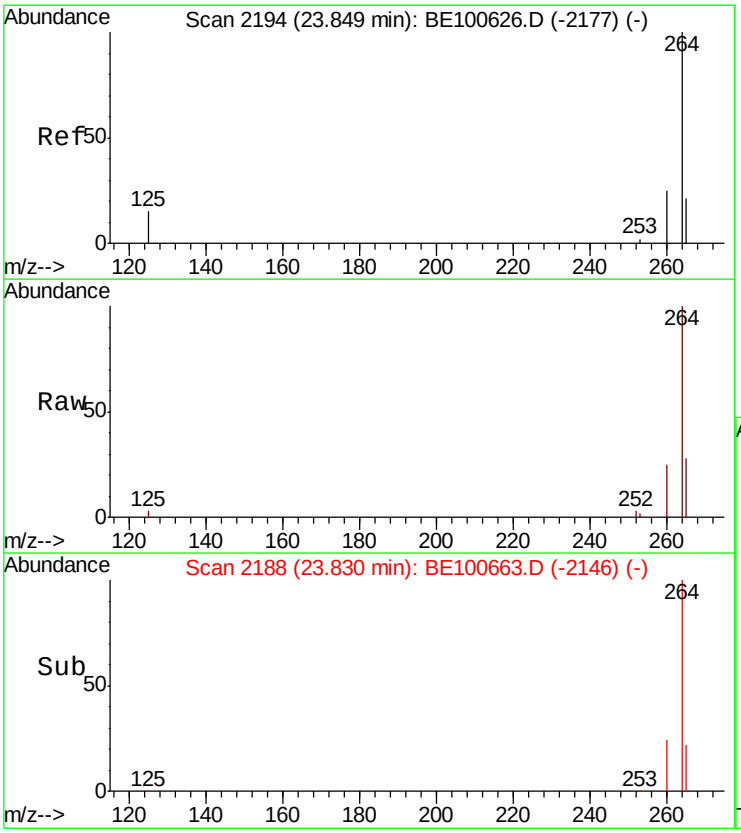
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 26.44 min Scan# 2916
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:276 Resp: 35809

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.3	22.9
277	24.4	19.4	29.2

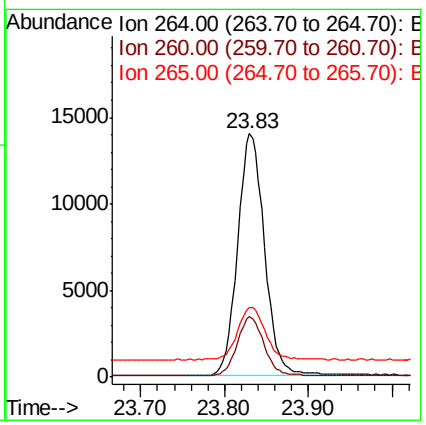


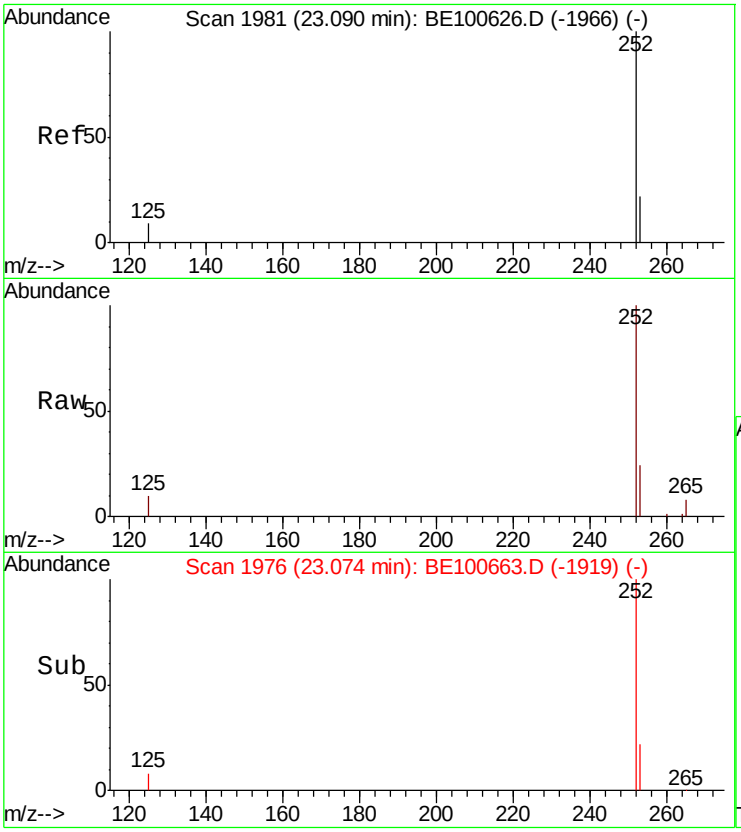


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:264 Resp: 31051

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	28.5	21.7	32.5



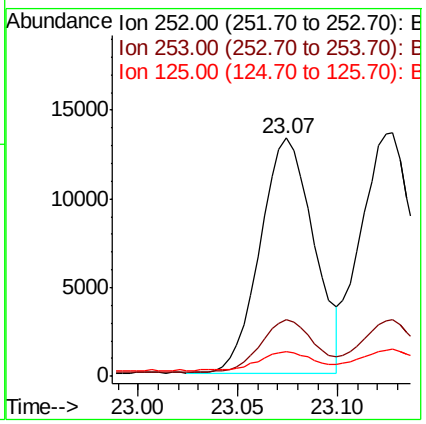


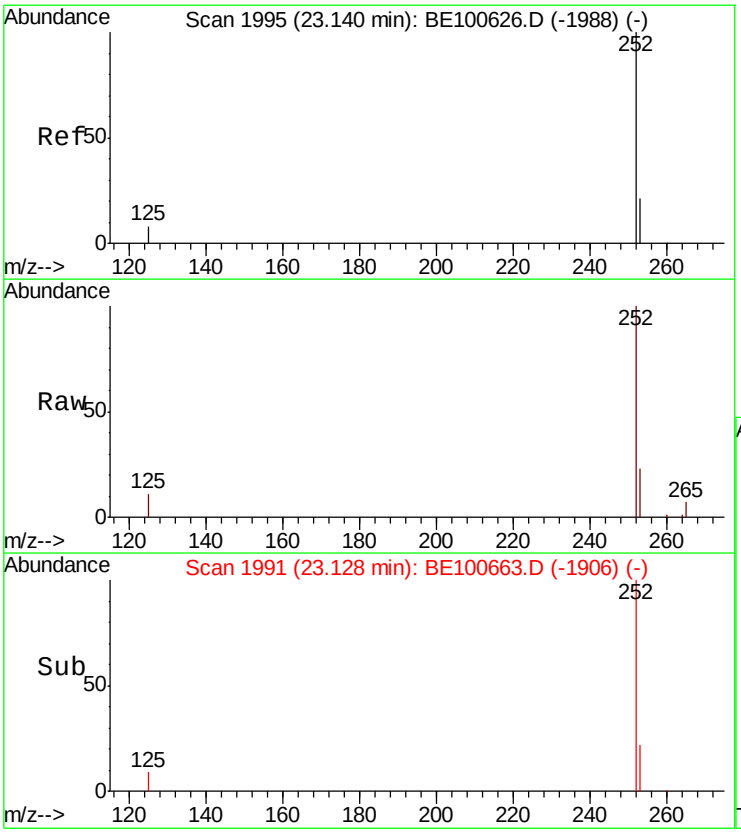
#35
Benzo(b)fluoranthene
Concen: 0.273 ng
RT: 23.07 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:252 Resp: 24740

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	10.4	7.6	11.4

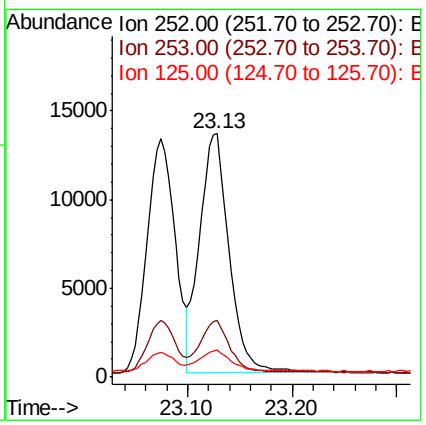


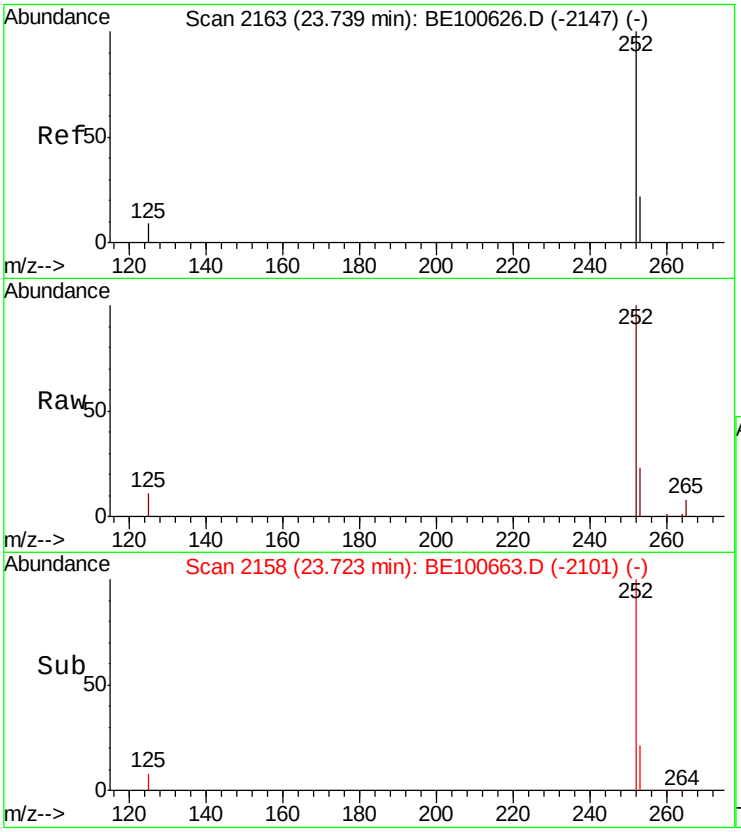


#36
Benzo(k)fluoranthene
Concen: 0.286 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:252 Resp: 26601

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	11.0	11.6	17.4#



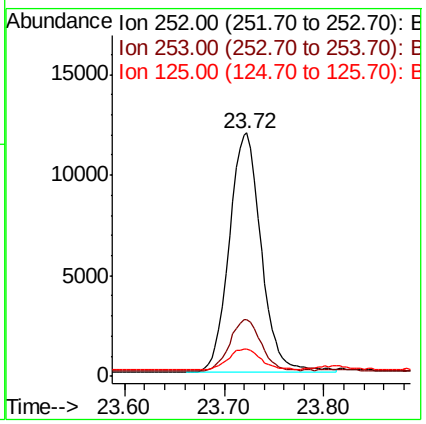


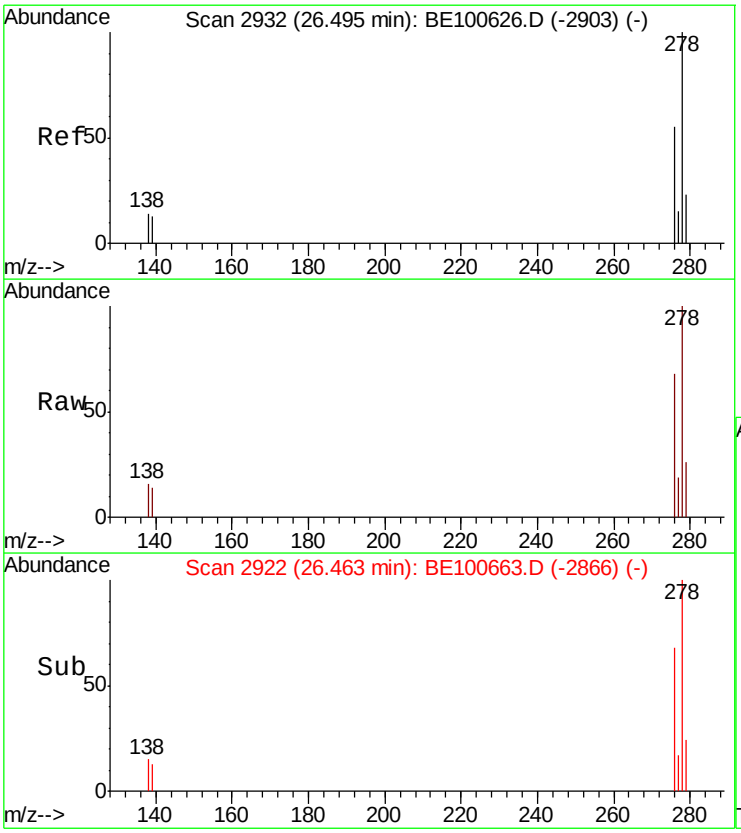
#37
Benzo(a)pyrene
Concen: 0.315 ng
RT: 23.72 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:252 Resp: 26511

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	11.2	8.2	12.4

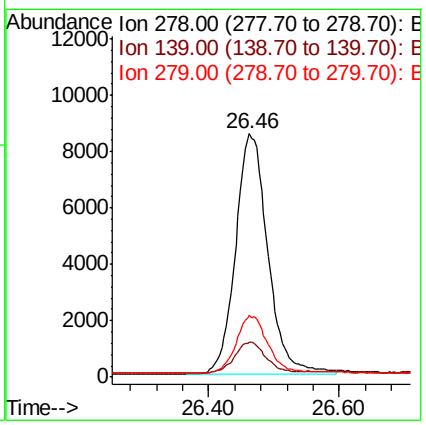


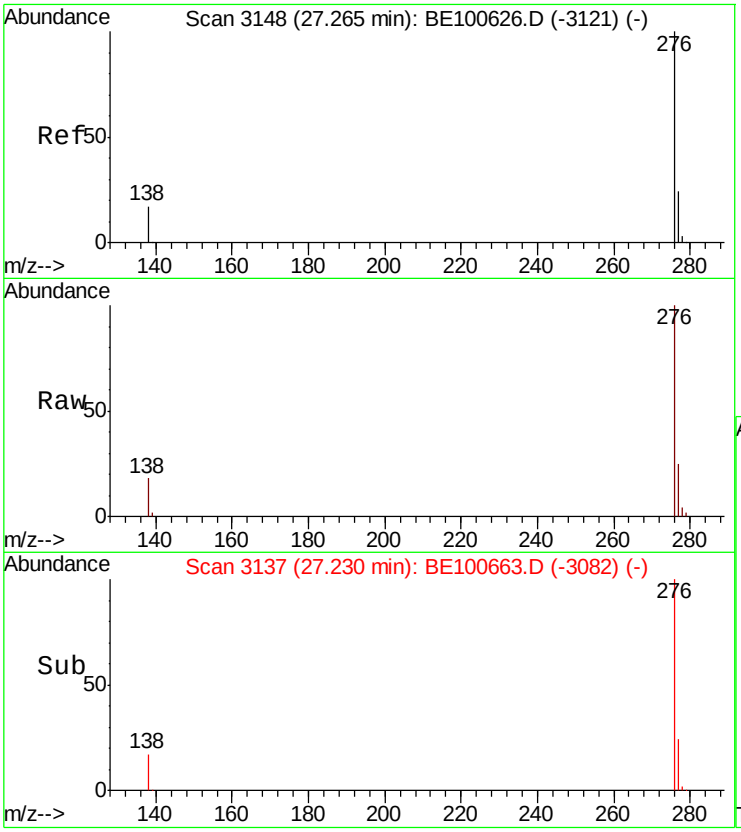


#38
Dibenzo(a,h)anthracene
Concen: 0.339 ng
RT: 26.46 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion:278 Resp: 29568

Ion	Ratio	Lower	Upper
278	100		
139	14.1	10.9	16.3
279	25.6	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.349 ng
RT: 27.23 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tgt Ion:276 Resp: 30554

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	18.1	13.6	20.4