Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100496.D
Acq On : 23 Jul 2019 11:48
Operator : HP/JU
Sample : PB121443BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB121443BSD

Quant Time: Jul 24 02:05:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2935	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	11361	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	6112	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	13411	0.40	ng		0.00
27) Chrysene-d12	21.38	240	17070	0.40	ng		0.00
34) Perylene-d12	23.85	264	21678	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2796	0.39	ng		0.00
5) Phenol-d6	7.03	99	3776	0.37	ng		0.00
8) Nitrobenzene-d5	9.02	82	2927	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	8085	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	819	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	7497	0.30	ng		0.00
25) Fluoranthene-d10	19.24	212	52308	0.28	ng		0.00
29) Terphenyl-d14	19.83	244	9337	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	1520	0.293	ng	#	67
3) n-Nitrosodimethylamine	3.68	42	878	0.327	ng	#	81
6) bis(2-Chloroethyl)ether	7.29	93	2953	0.337	ng		99
9) Naphthalene	10.70	128	36208	0.332	ng		100
10) Hexachlorobutadiene	11.00	225	1685	0.323	ng		98
12) 2-Methylnaphthalene	12.32	142	6018	0.307	ng		99
16) Acenaphthylene	14.21	152	8764	0.310	ng		99
17) Acenaphthene	14.56	154	5339	0.314	ng		100
18) Fluorene	15.53	166	6932	0.306	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	2150	0.337	ng	#	74
21) Hexachlorobenzene	16.53	284	2177	0.332	ng		98
22) Pentachlorophenol	16.87	266	942	0.423	ng		96
23) Phenanthrene	17.25	178	11163	0.340	ng		99
24) Anthracene	17.35	178	10178	0.325	ng		99
26) Fluoranthene	19.27	202	14840	0.313	ng		100
28) Pyrene	19.63	202	15470	0.291	ng		100
30) Benzo(a)anthracene	21.35	228	16008	0.307	ng		98
31) Chrysene	21.42	228	15955	0.310	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	44048	0.368	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	23284	0.415	ng		100
35) Benzo(b)fluoranthene	23.09	252	18922	0.319	ng		97
36) Benzo(k)fluoranthene	23.14	252	21024	0.338	ng	#	92
37) Benzo(a)pyrene	23.74	252	18946	0.329	ng		95
38) Dibenzo(a,h)anthracene	26.49	278	18882	0.346	ng	#	94
39) Benzo(g,h,i)perylene	27.28	276	19888	0.357	ng		97

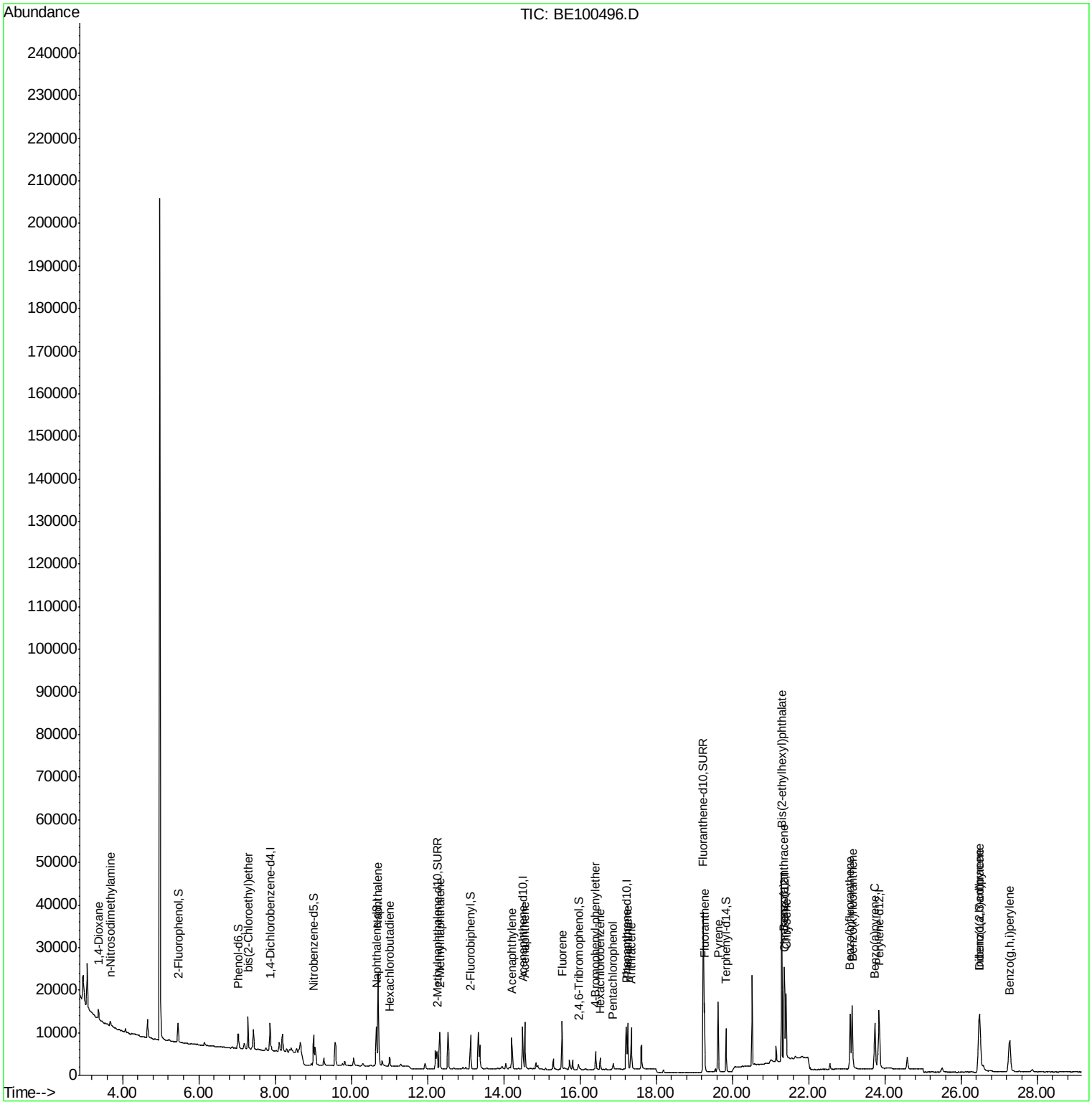
(#) = qualifier out of range (m) = manual integration (+) = signals summed

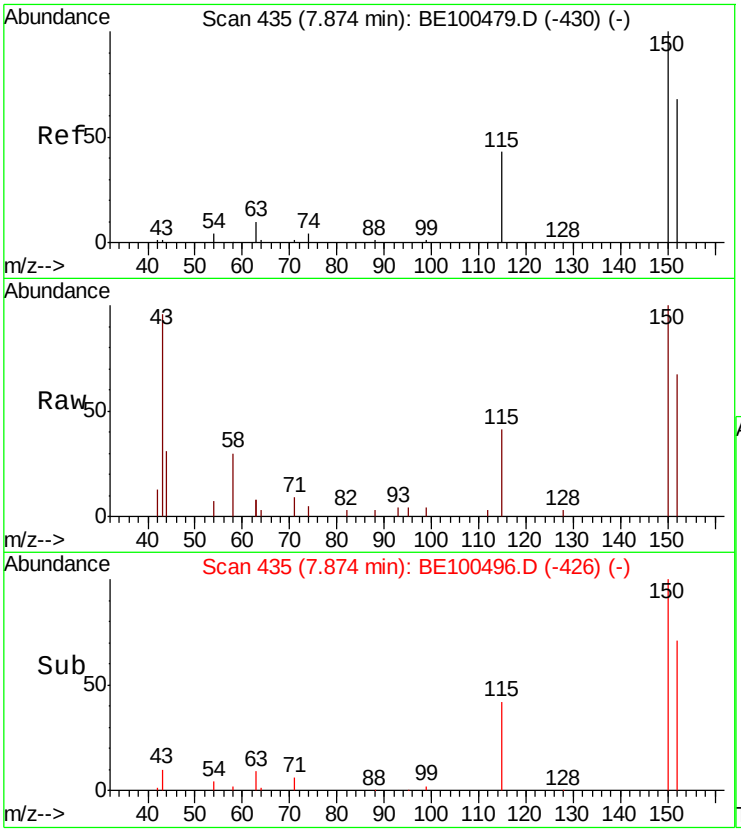
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100496.D
Acq On : 23 Jul 2019 11:48
Operator : HP/JU
Sample : PB121443BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Quant Time: Jul 24 02:05:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration



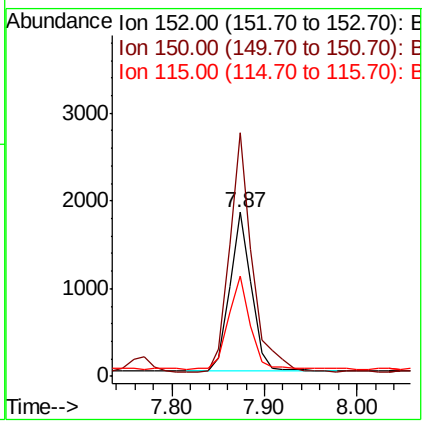


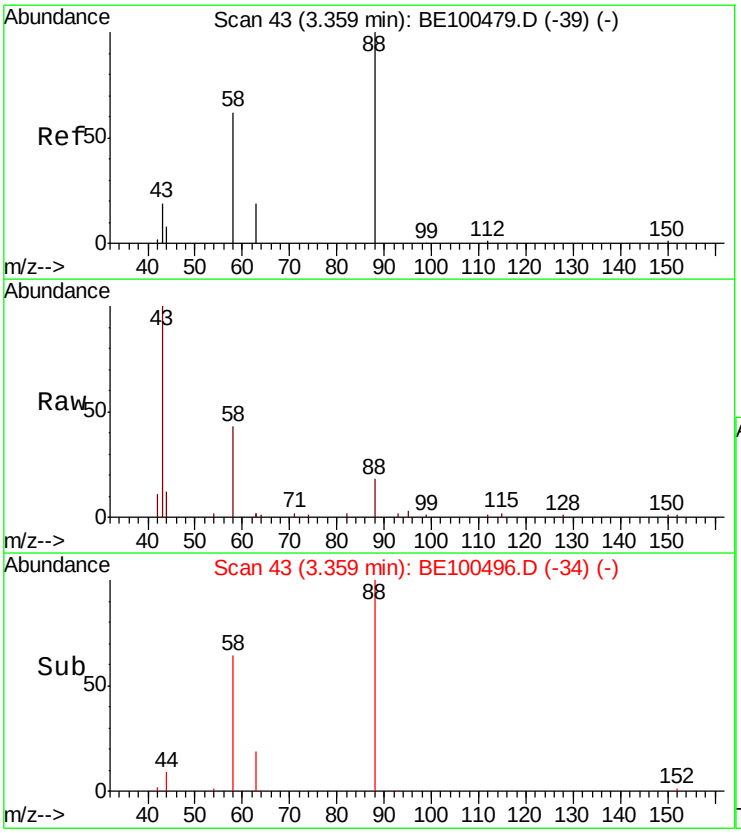
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:152 Resp: 2935

Ion	Ratio	Lower	Upper
152	100		
150	148.5	115.0	172.6
115	61.2	52.9	79.3

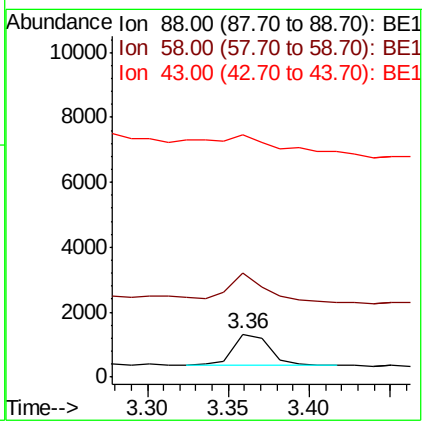


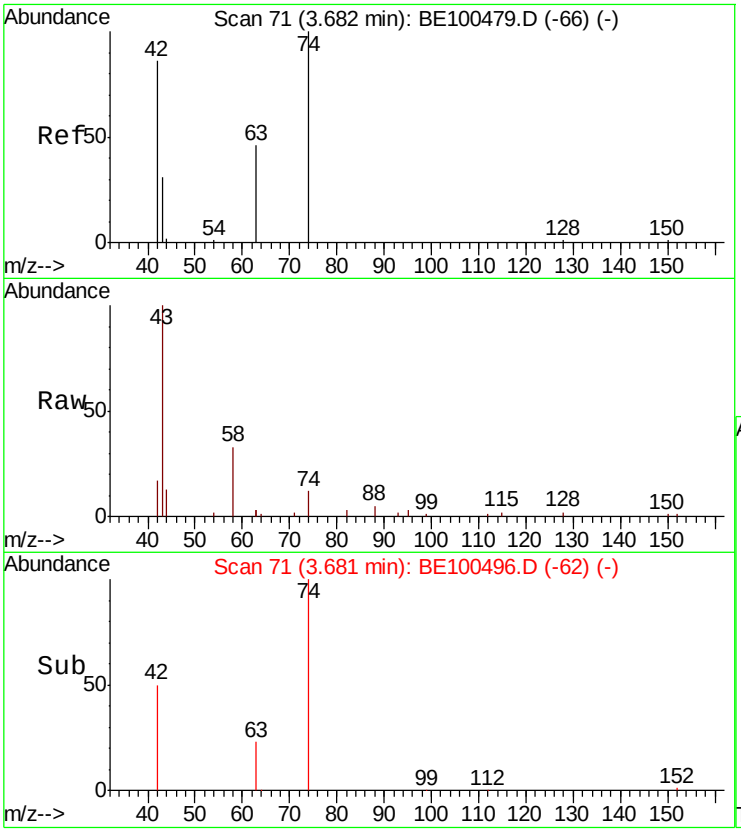


#2
1,4-Dioxane
Concen: 0.293 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion: 88 Resp: 1520

Ion	Ratio	Lower	Upper
88	100		
58	87.7	53.2	79.8#
43	0.0	20.8	31.2#



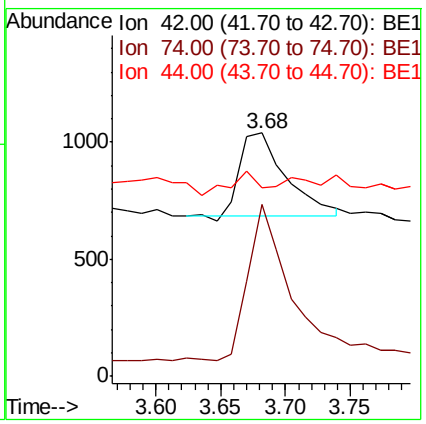


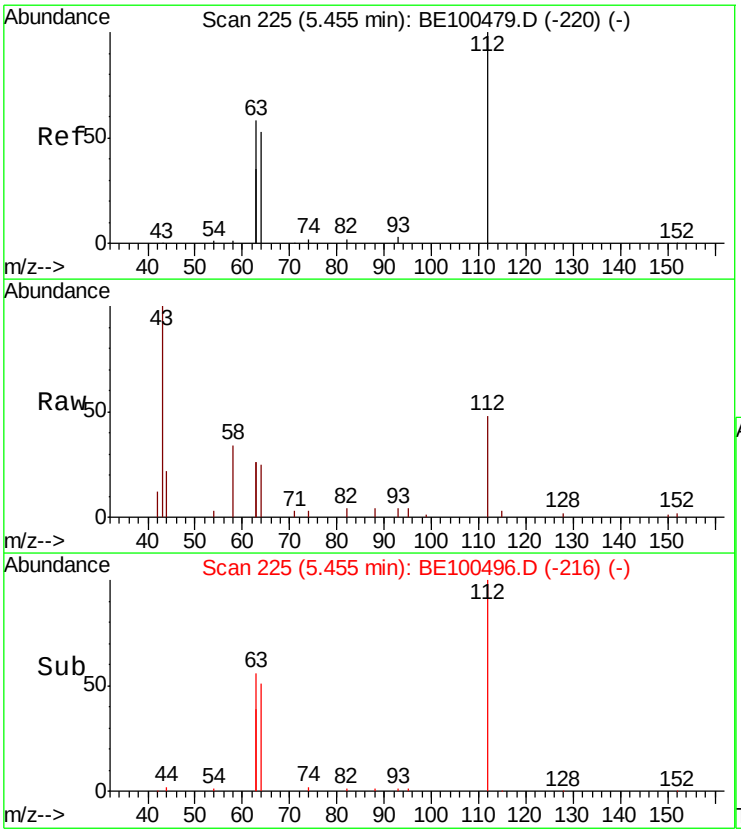
#3
n-Nitrosodimethylamine
Concen: 0.327 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion: 42 Resp: 878

Ion	Ratio	Lower	Upper
42	100		
74	172.1	0.0	0.0#
44	19.5	9.6	14.4#

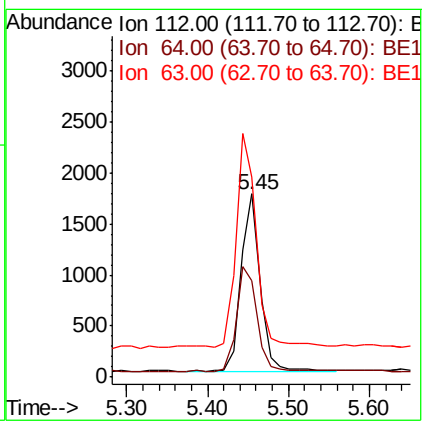


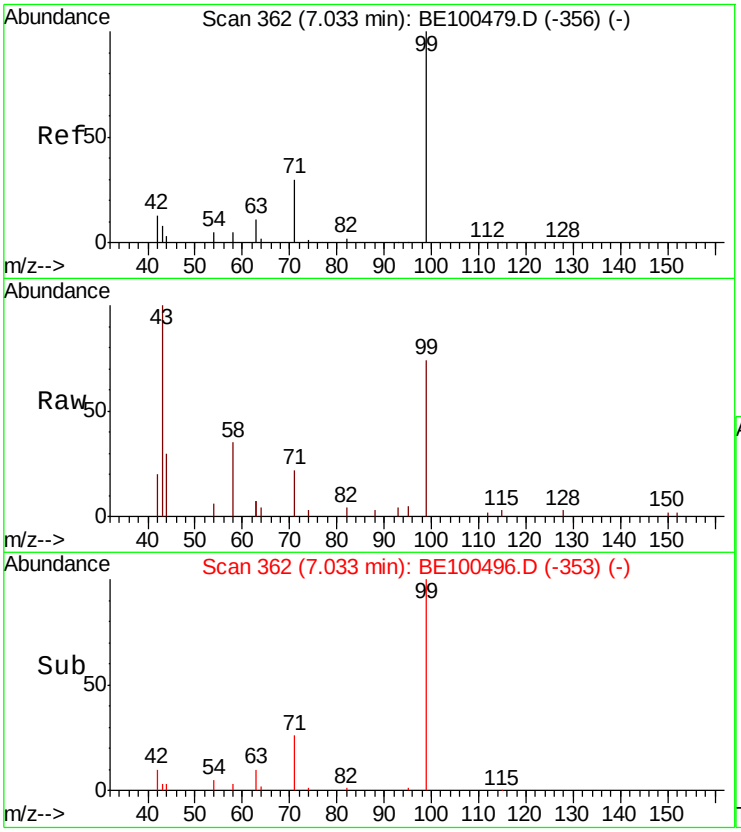


#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:112 Resp: 2796

Ion	Ratio	Lower	Upper
112	100		
64	64.3	54.1	81.1
63	125.9	104.6	157.0



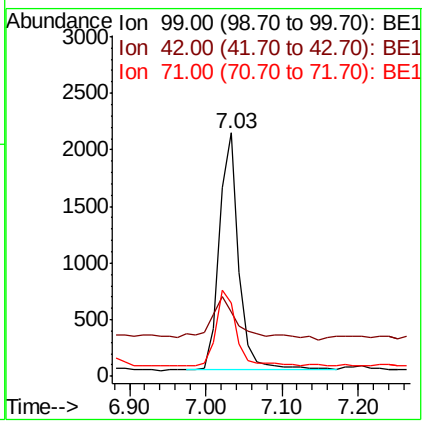


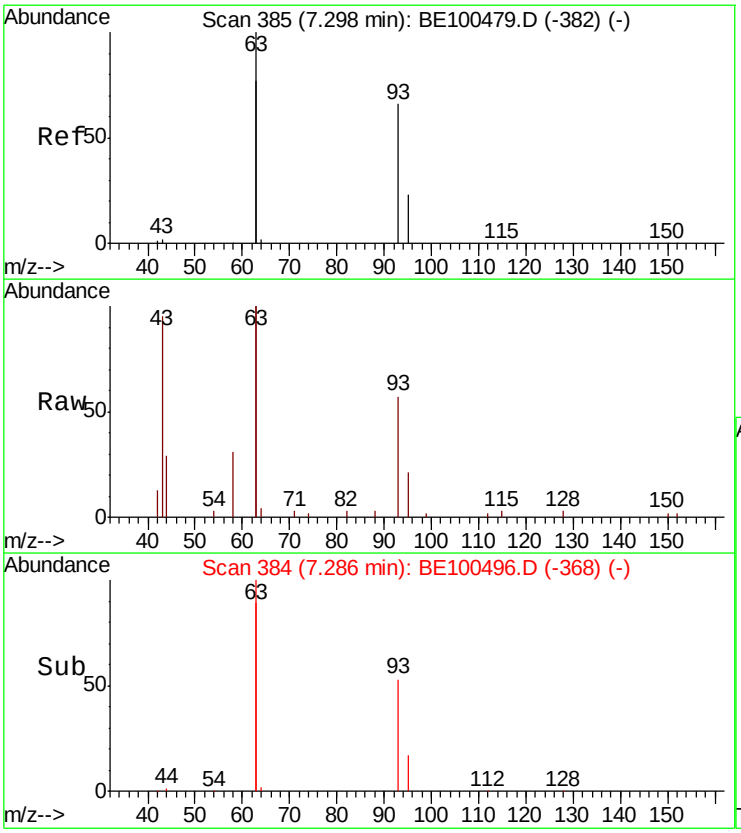
#5
Phenol-d6
Concen: 0.369 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion: 99 Resp: 3776

Ion	Ratio	Lower	Upper
99	100		
42	26.8	14.5	21.7#
71	32.8	26.4	39.6

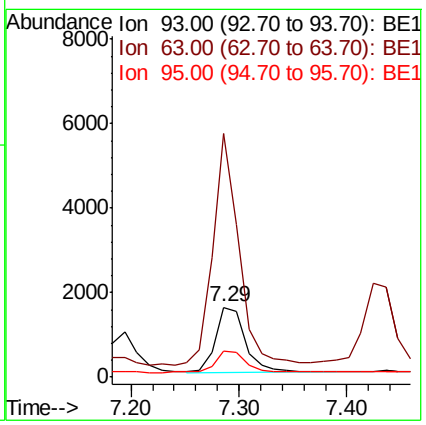


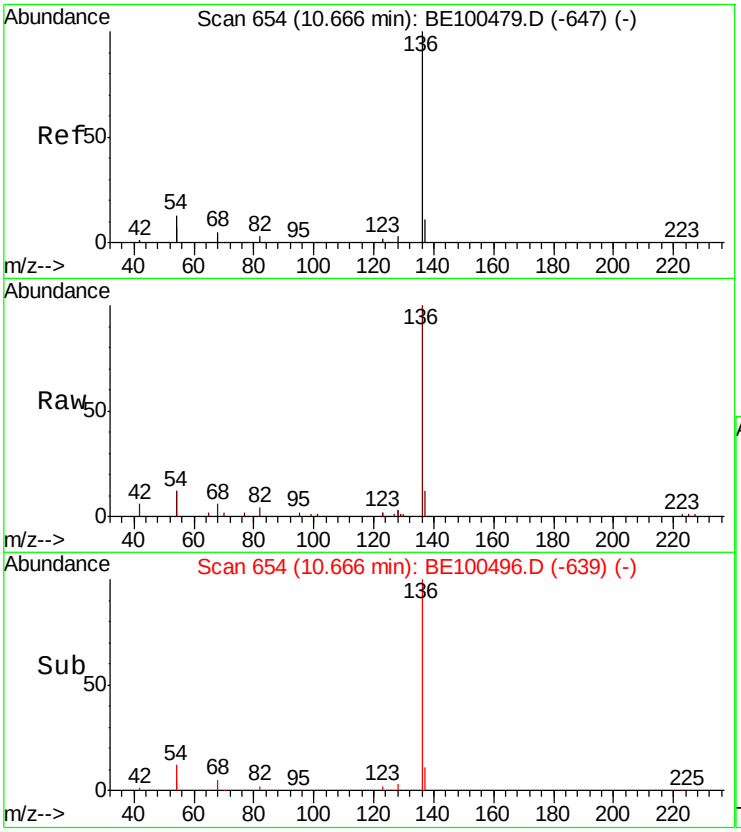


#6
bis(2-Chloroethyl)ether
Concen: 0.337 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion: 93 Resp: 2953

Ion	Ratio	Lower	Upper
93	100		
63	308.6	248.3	372.5
95	34.1	25.4	38.0



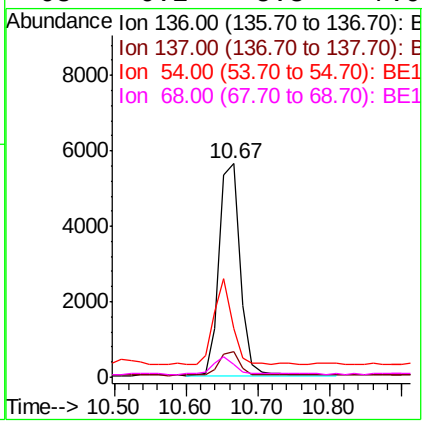


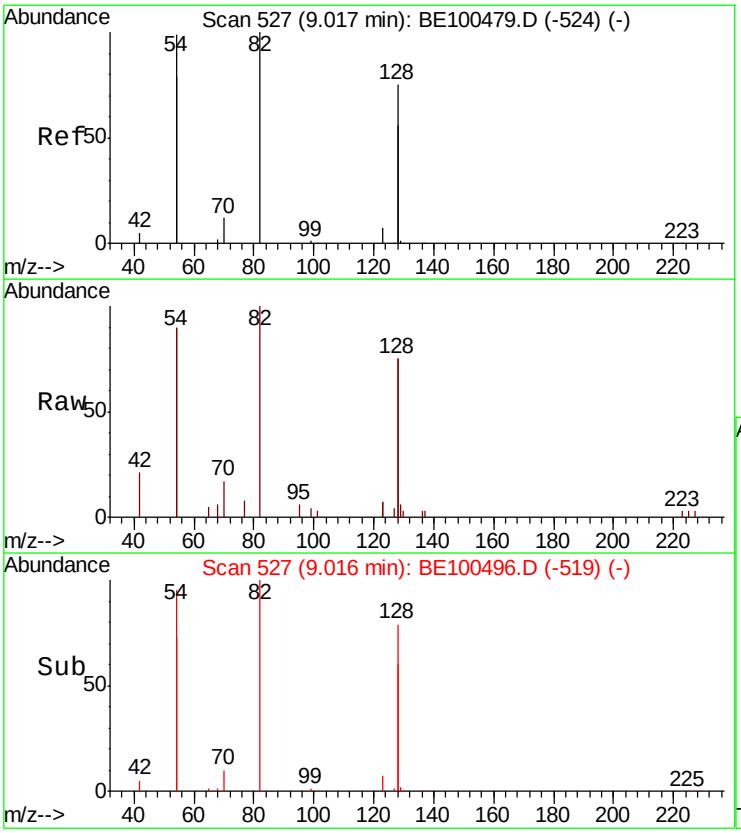
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:136 Resp: 11361

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	23.1	20.6	31.0
68	6.2	5.3	7.9

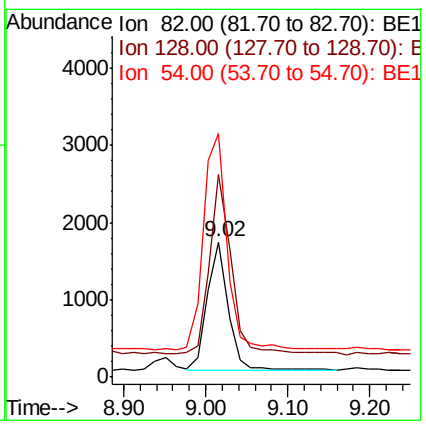


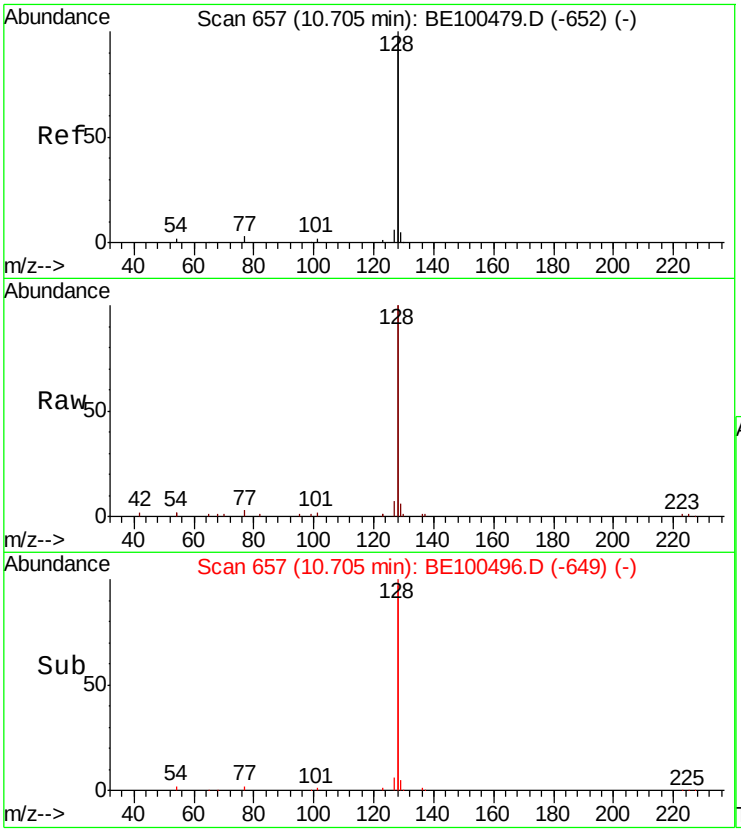


#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion: 82 Resp: 2927

Ion	Ratio	Lower	Upper
82	100		
128	150.3	113.6	170.4
54	180.3	150.6	226.0



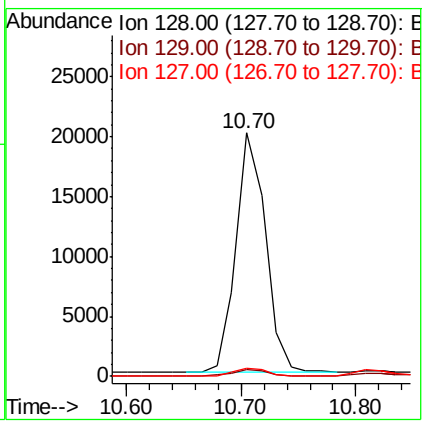


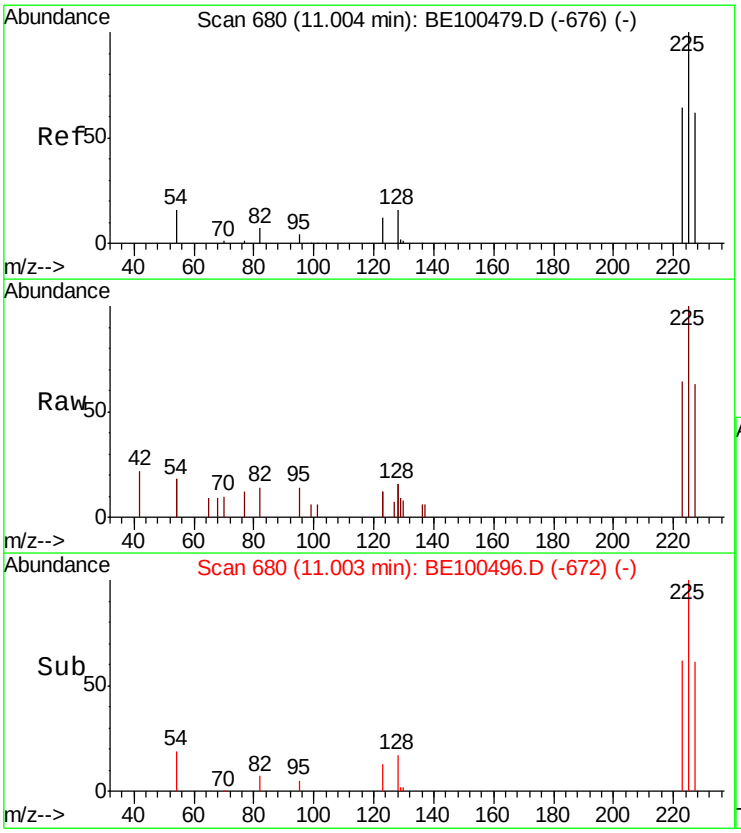
#9
Naphthalene
Concen: 0.332 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:128 Resp: 36208

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.5	2.7	4.1

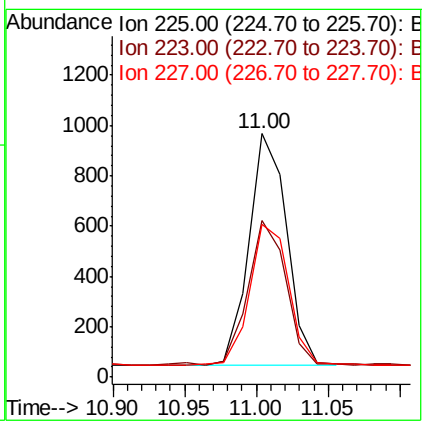


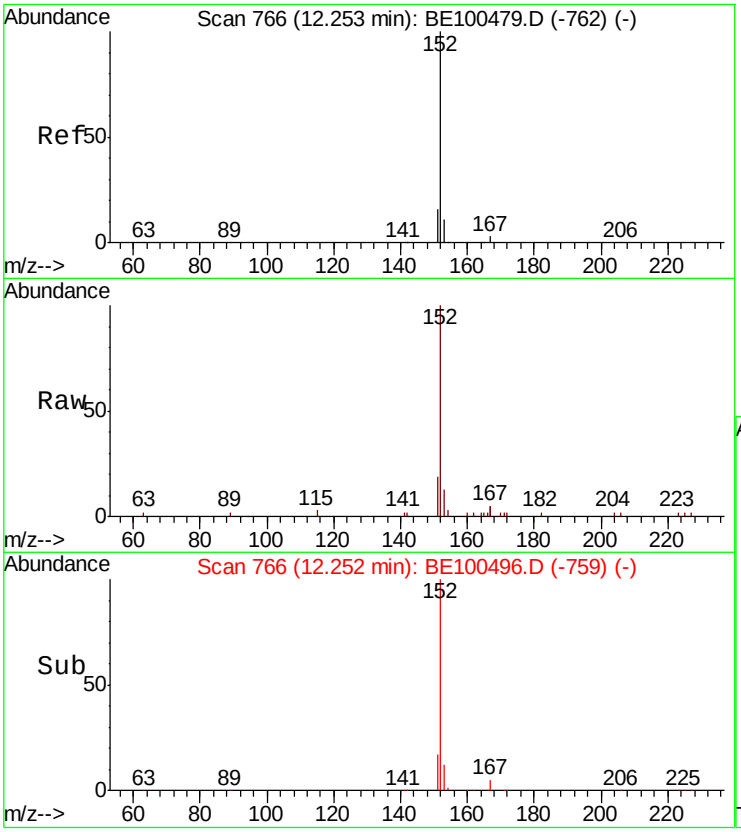


#10
Hexachlorobutadiene
Concen: 0.323 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:225 Resp: 1685

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	63.0	51.4	77.2



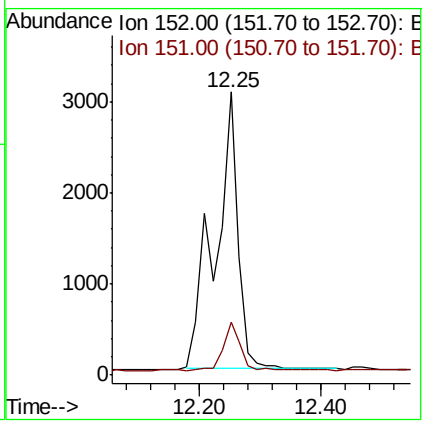


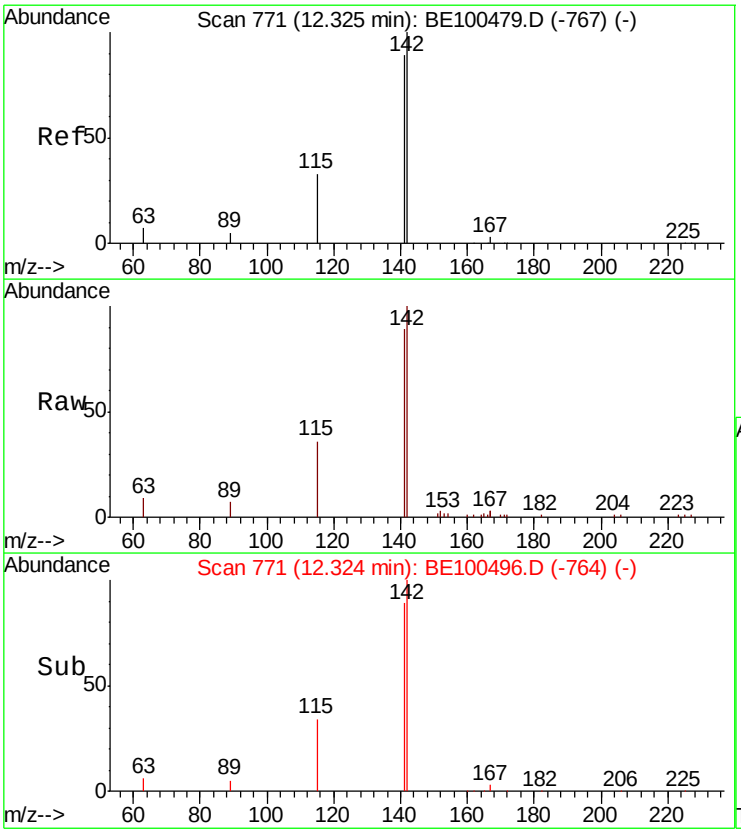
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:152 Resp: 8085

Ion	Ratio	Lower	Upper
152	100		
151	13.2	15.1	22.7#

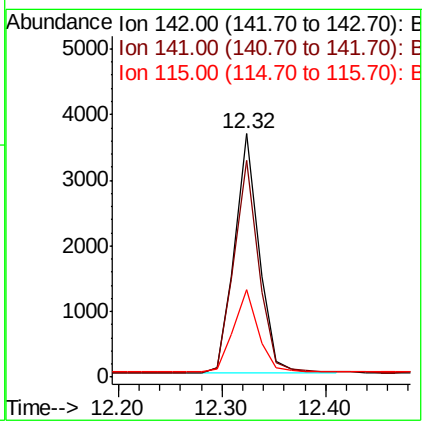


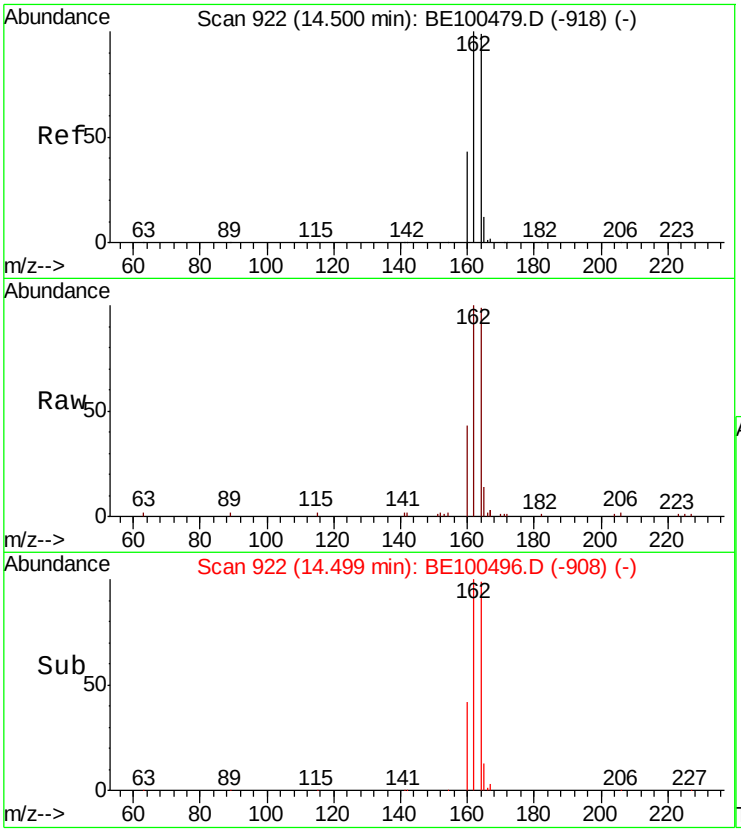


#12
2-Methylnaphthalene
Concen: 0.307 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:142 Resp: 6018

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
115	36.0	27.8	41.6



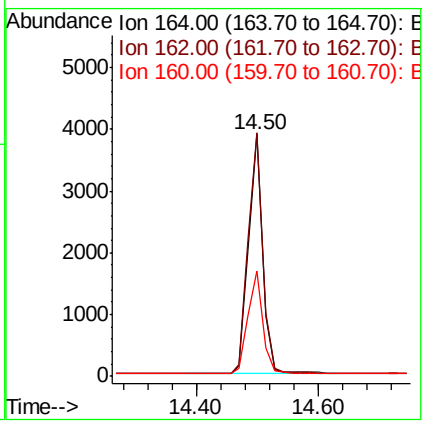


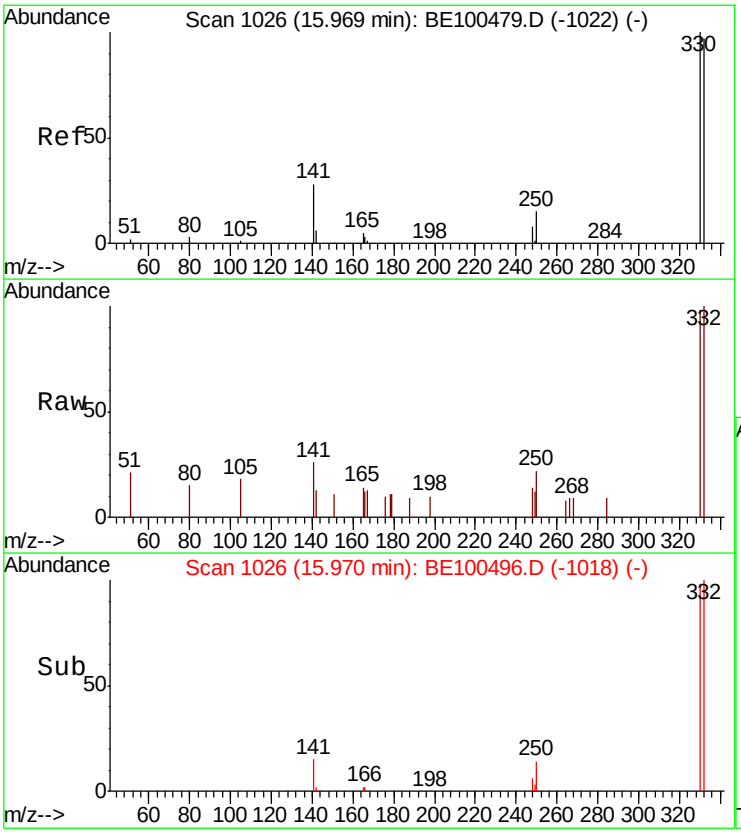
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:164 Resp: 6112

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	43.4	34.9	52.3

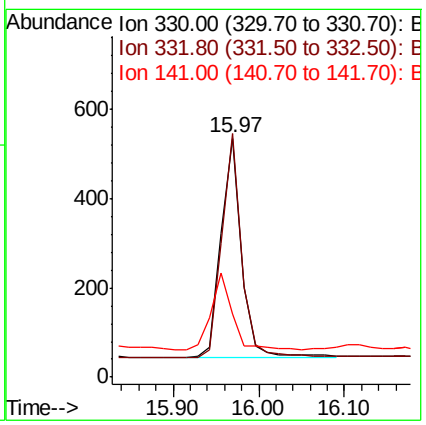


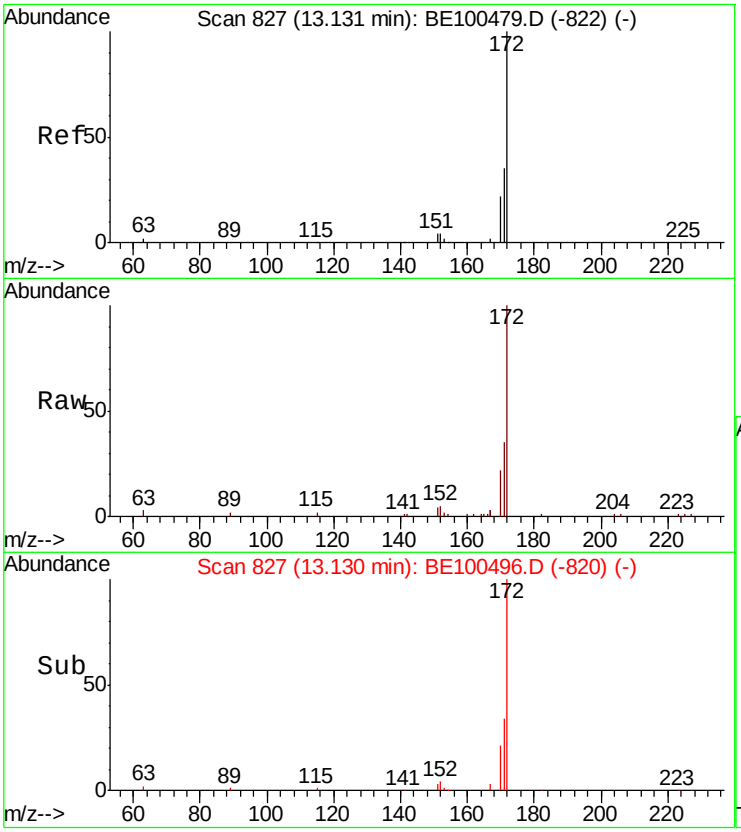


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:330 Resp: 819

Ion	Ratio	Lower	Upper
330	100		
332	98.9	80.5	120.7
141	35.9	29.9	44.9



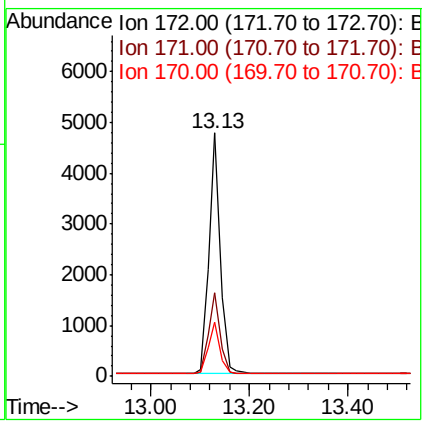


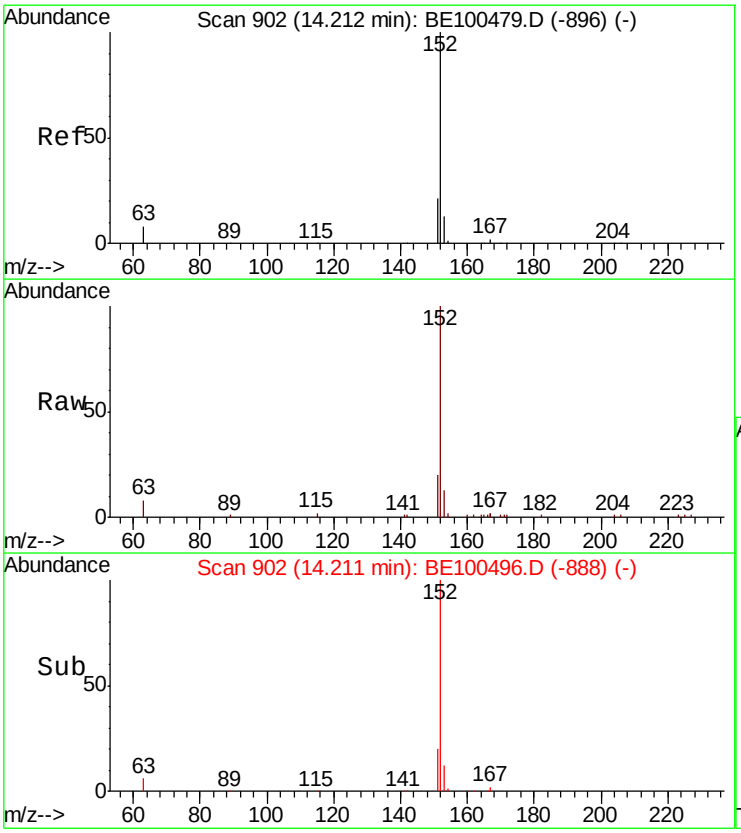
#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:172 Resp: 7497

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	22.1	17.8	26.8

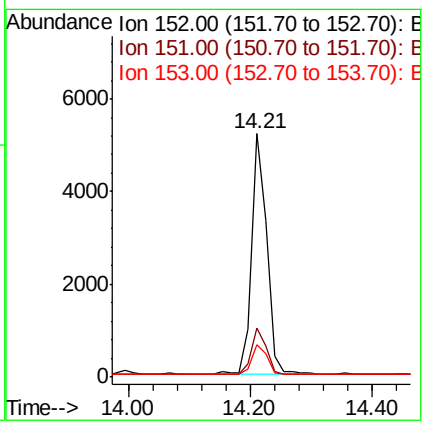


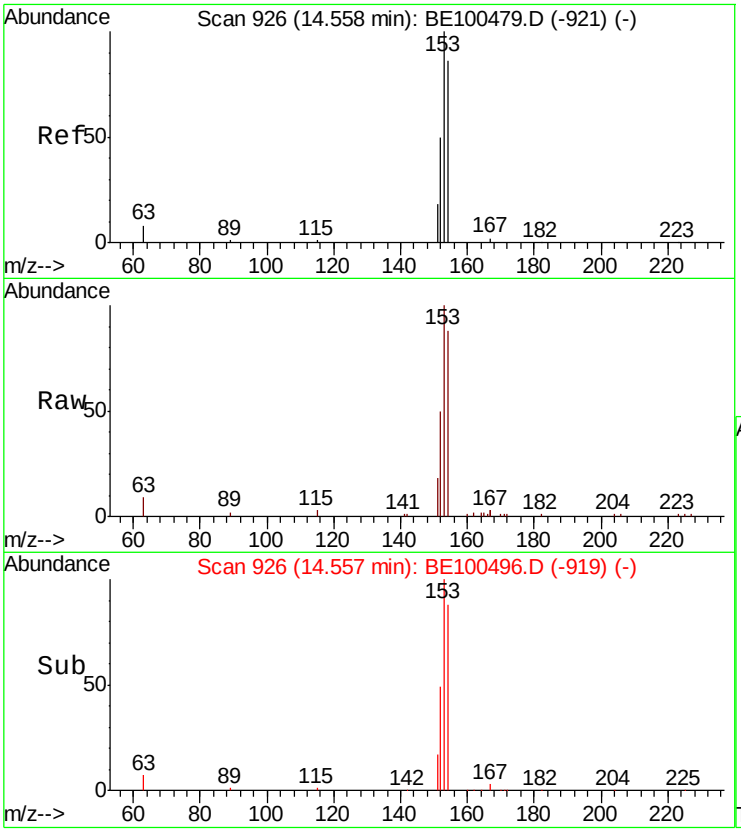


#16
Acenaphthylene
Concen: 0.310 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:152 Resp: 8764

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.1	10.6	16.0



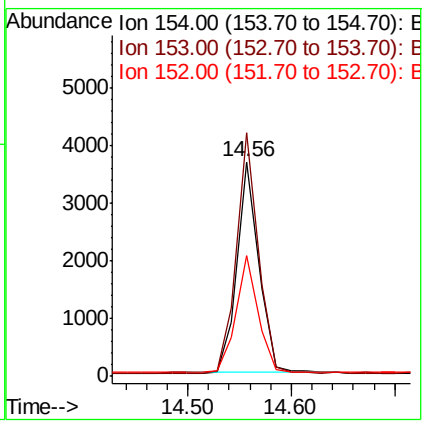


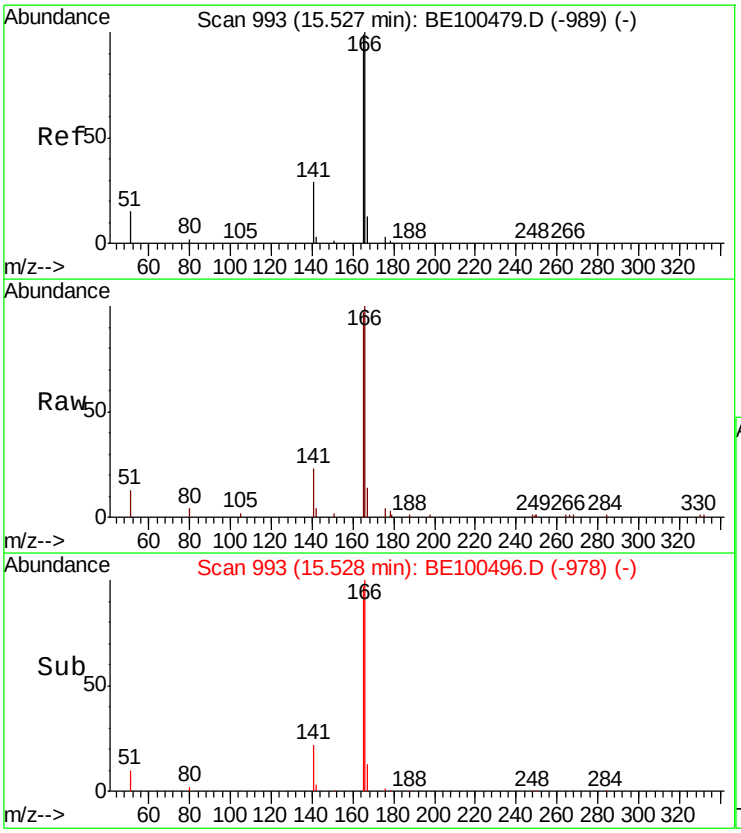
#17
Acenaphthene
Concen: 0.314 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:154 Resp: 5339

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.8	136.2
152	56.5	45.1	67.7

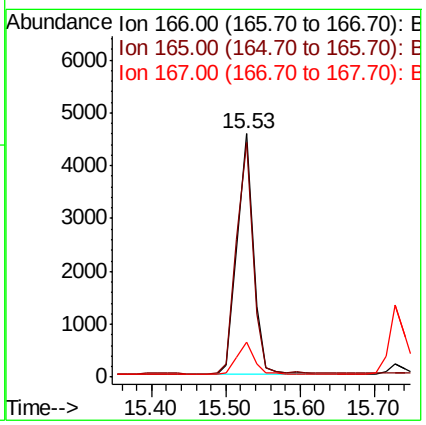


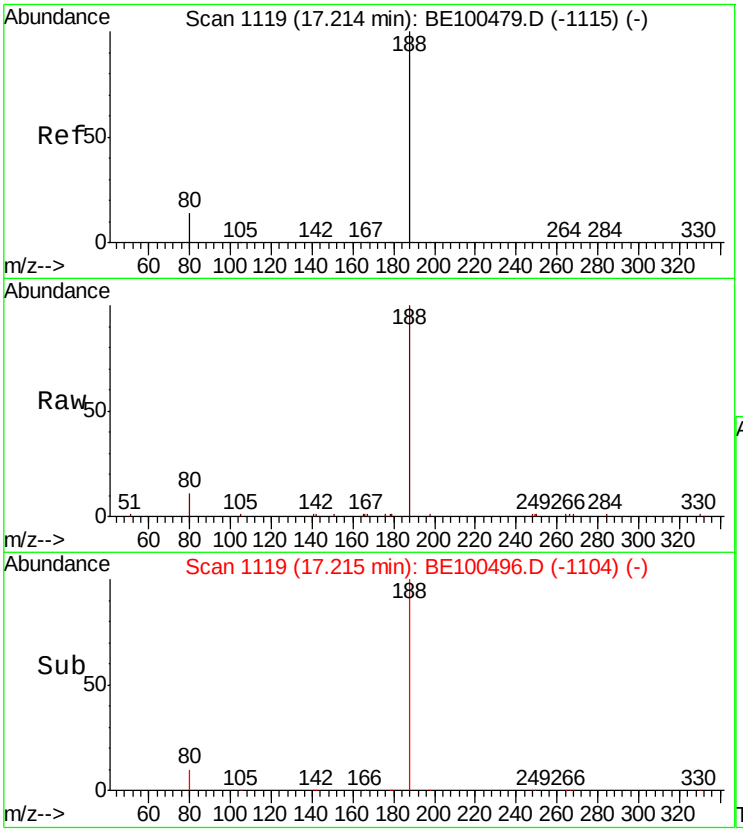


#18
Fluorene
Concen: 0.306 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:166 Resp: 6932

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.3	117.5
167	14.2	10.9	16.3



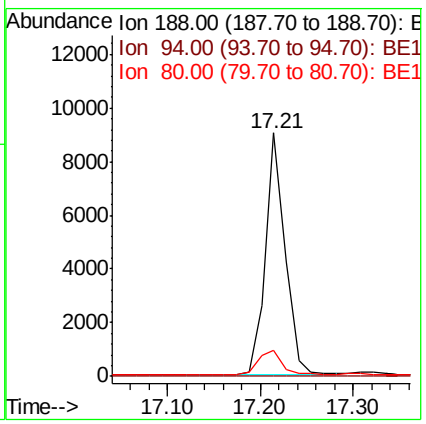


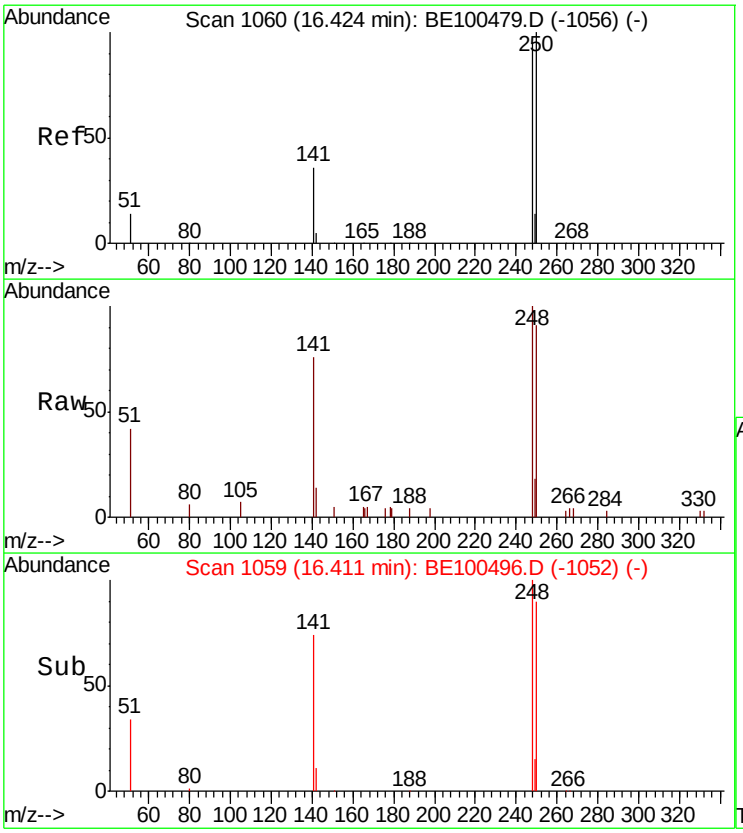
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:188 Resp: 13411

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	11.9	17.9#

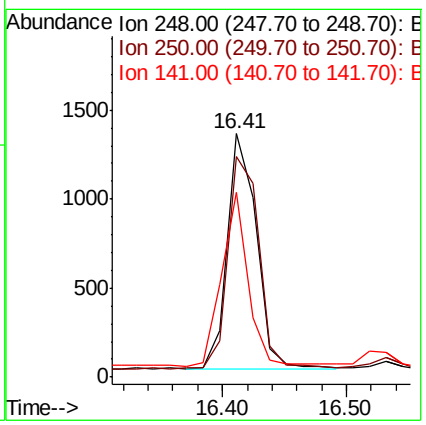


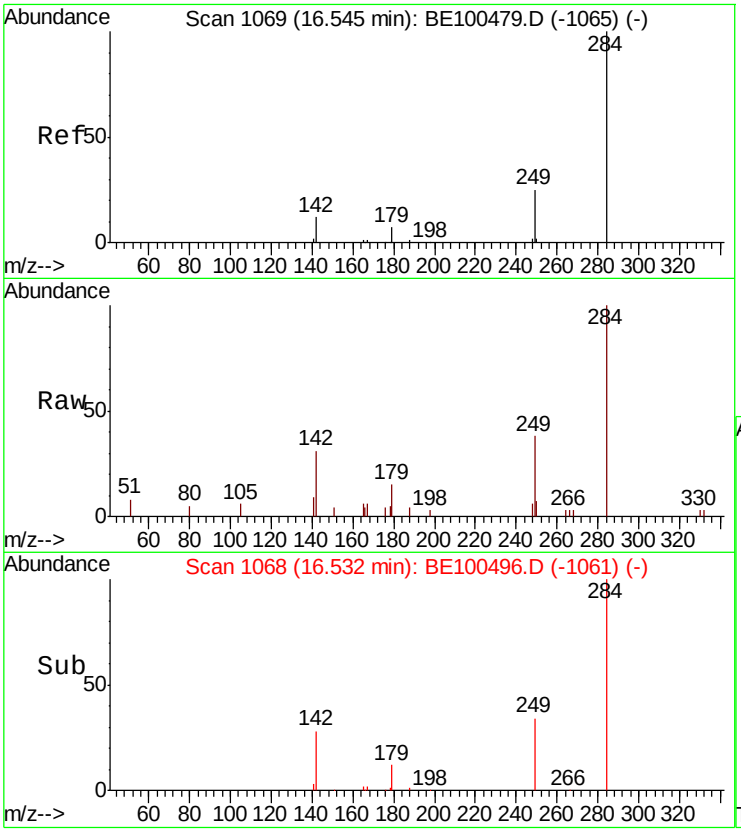


#20
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:248 Resp: 2150

Ion	Ratio	Lower	Upper
248	100		
250	90.8	84.4	126.6
141	76.1	32.2	48.2#



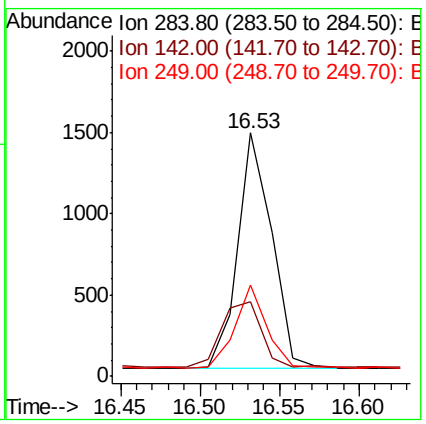


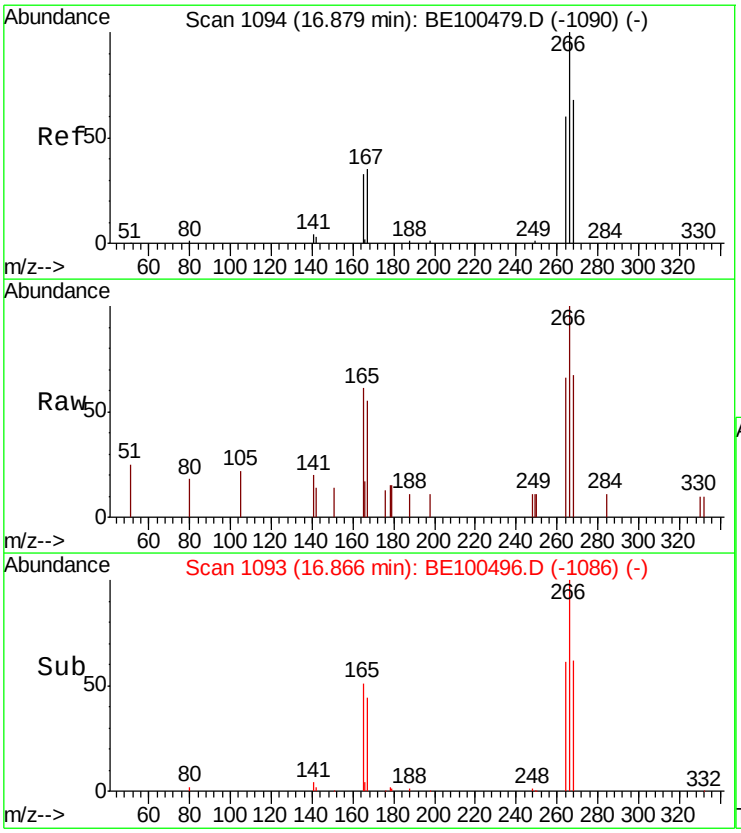
#21
Hexachlorobenzene
Concen: 0.332 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:284 Resp: 2177

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.7	40.1
249	32.4	25.0	37.4

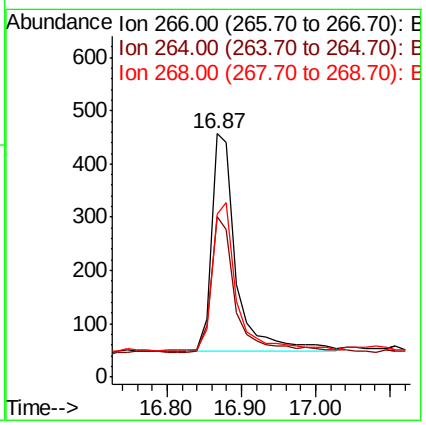


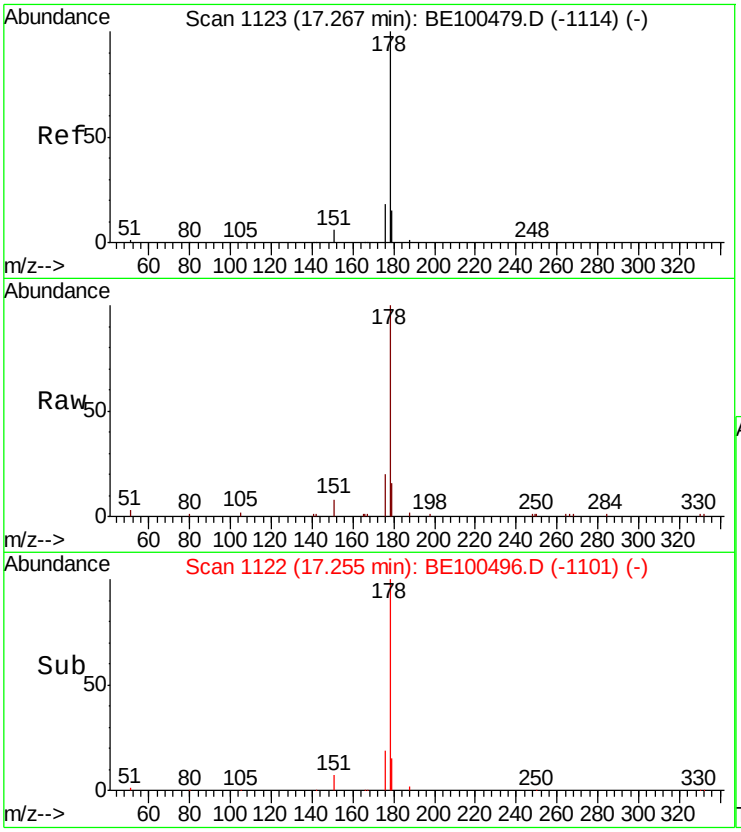


#22
Pentachlorophenol
Concen: 0.423 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:266 Resp: 942

Ion	Ratio	Lower	Upper
266	100		
264	65.6	50.4	75.6
268	67.2	56.6	85.0



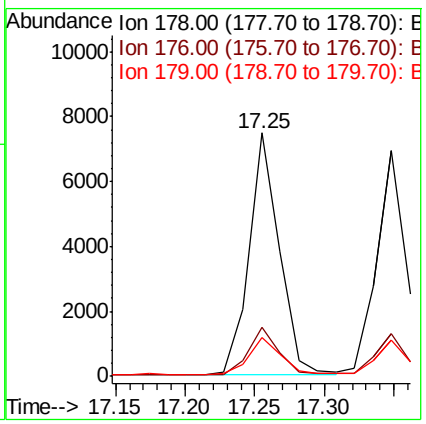


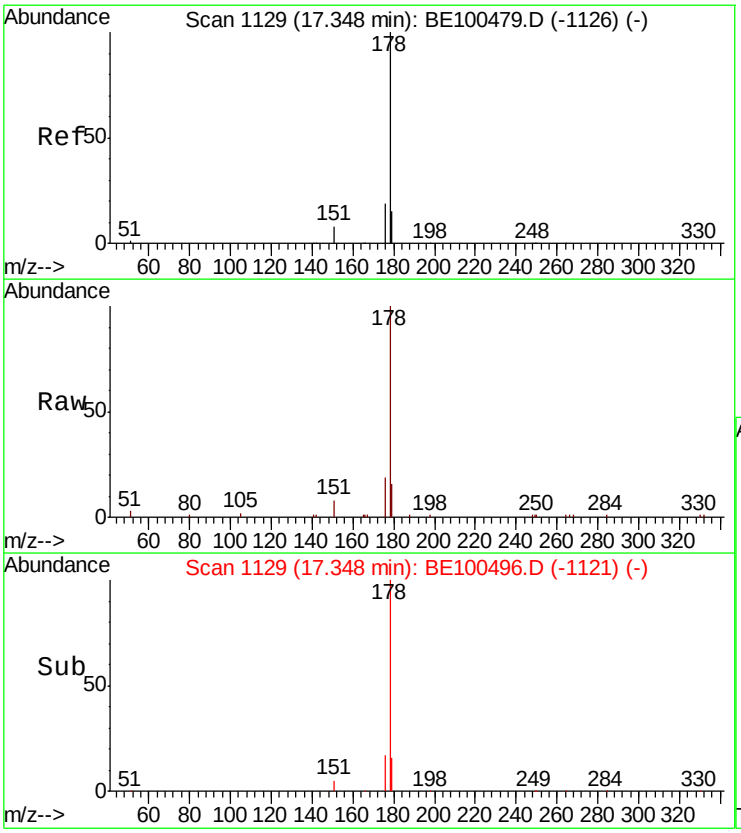
#23
Phenanthrene
Concen: 0.340 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:178 Resp: 11163

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.3	12.6	18.8

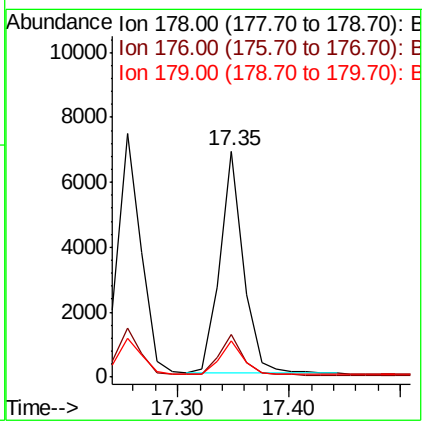


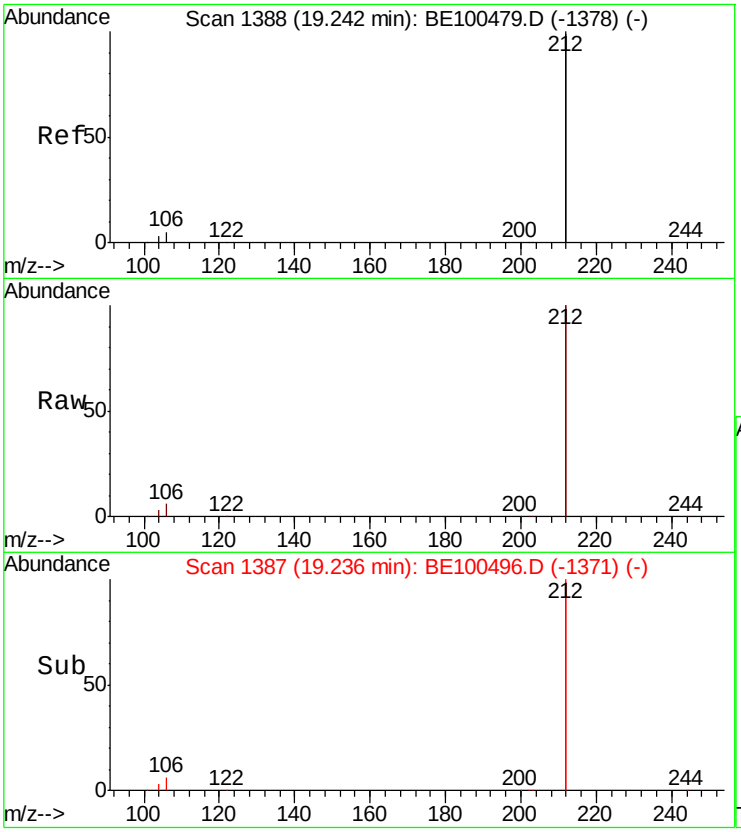


#24
Anthracene
Concen: 0.325 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:178 Resp: 10178

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.2	12.2	18.2



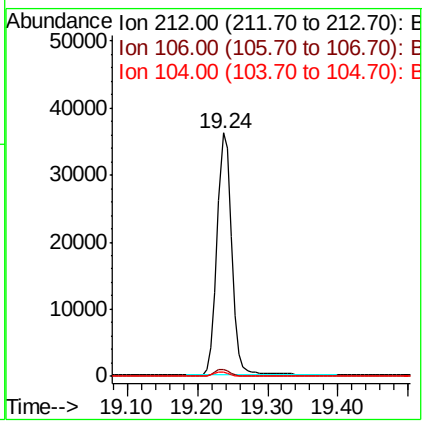


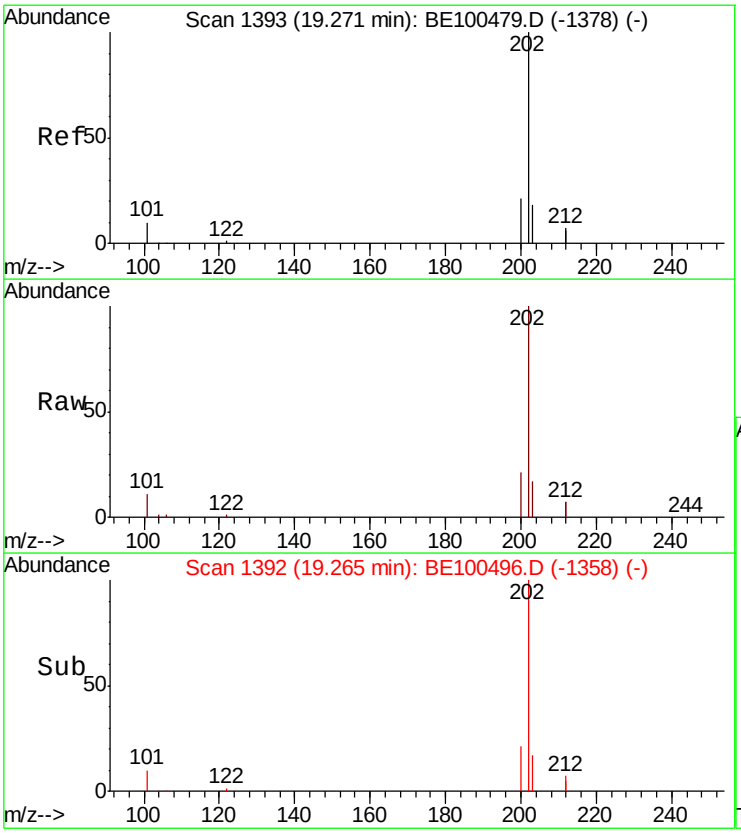
#25
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:212 Resp: 52308

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.5	1.2	1.8

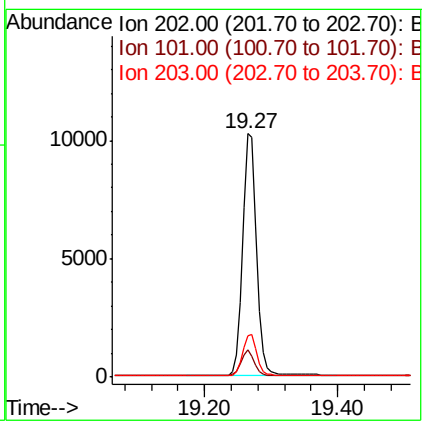


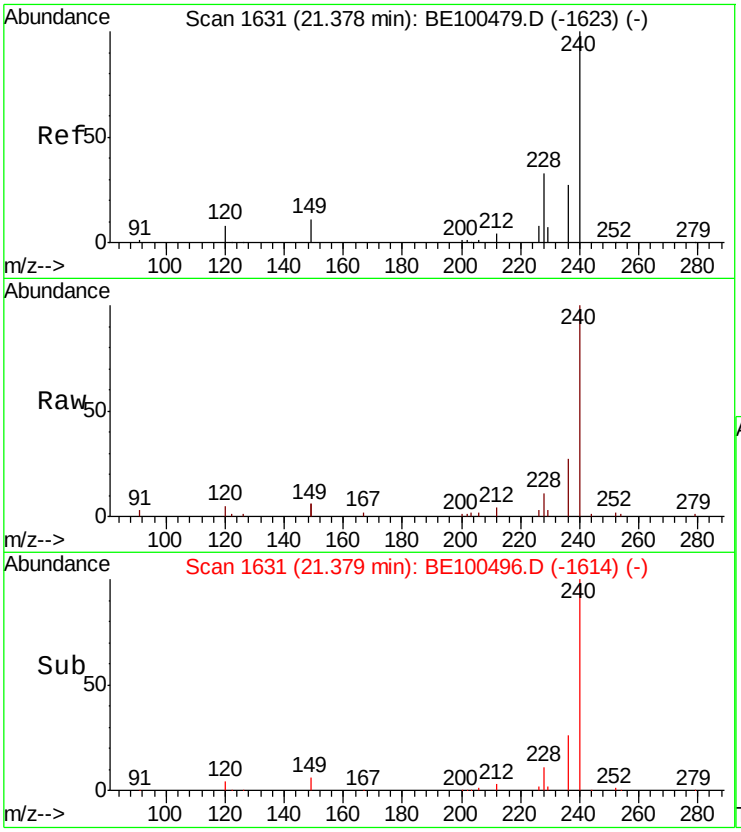


#26
Fluoranthene
Concen: 0.313 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:202 Resp: 14840

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.0	12.0
203	16.8	13.5	20.3



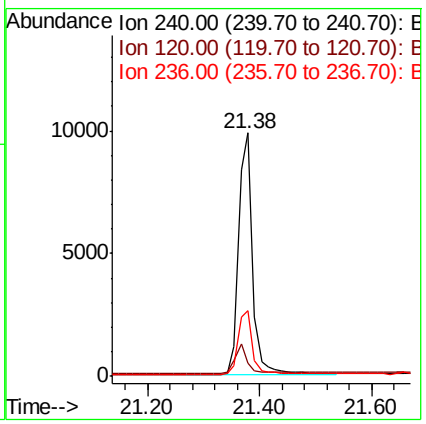


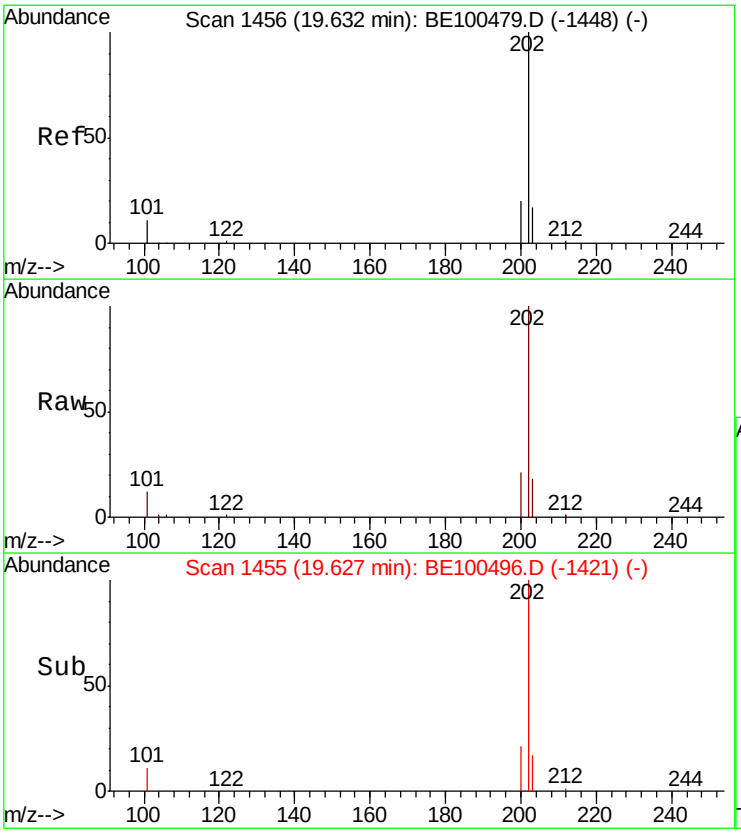
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:240 Resp: 17070

Ion	Ratio	Lower	Upper
240	100		
120	5.4	8.2	12.2#
236	26.9	22.6	34.0

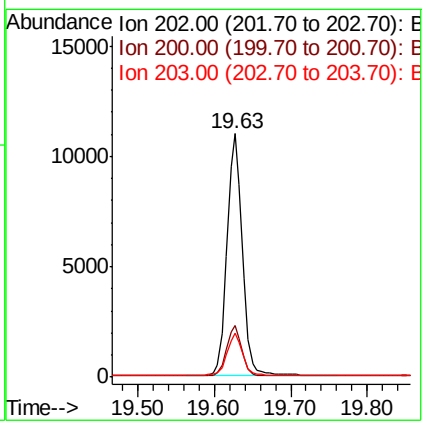


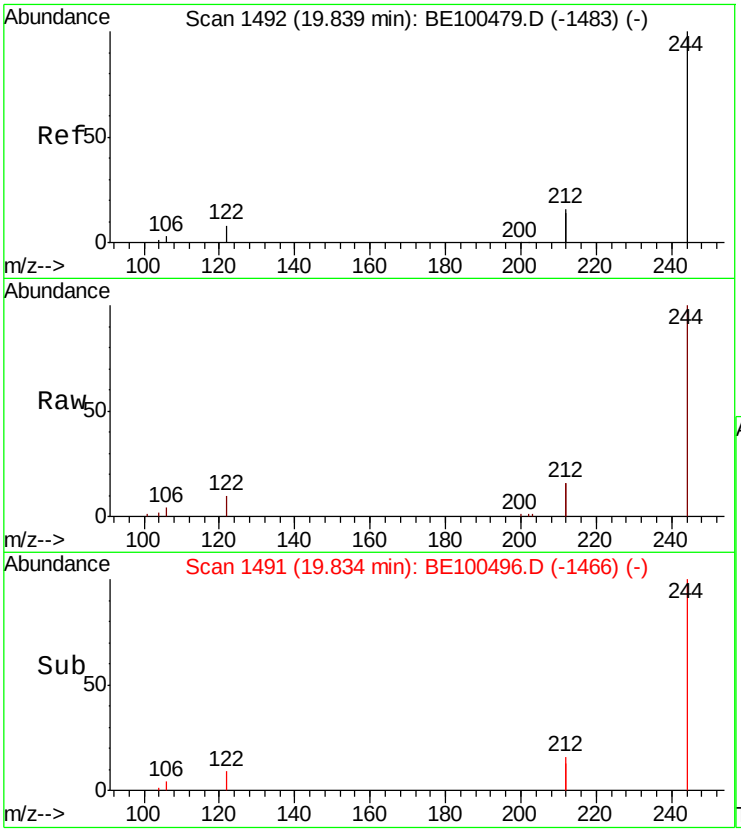


#28
Pyrene
Concen: 0.291 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:202 Resp: 15470

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.7	14.1	21.1



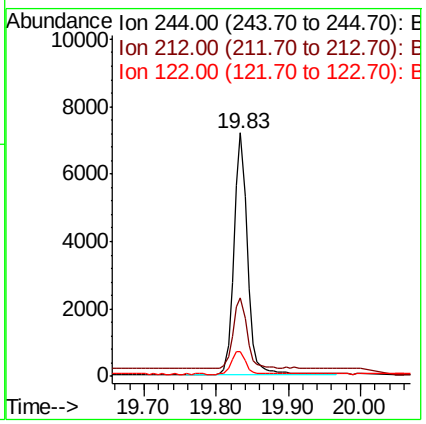


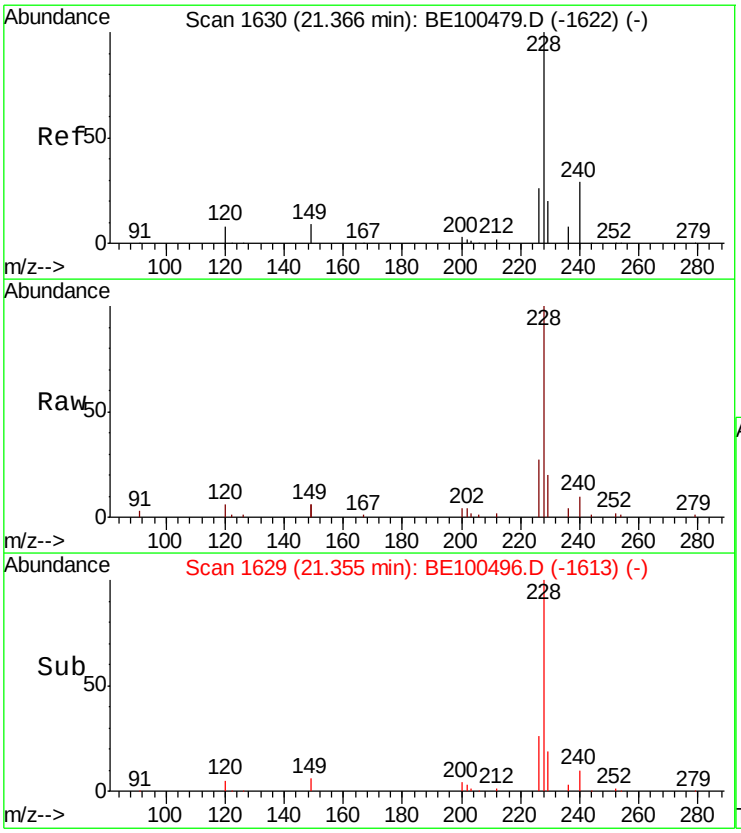
#29
Terphenyl-d14
Concen: 0.222 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:244 Resp: 9337

Ion	Ratio	Lower	Upper
244	100		
212	32.3	25.6	38.4
122	10.1	7.2	10.8

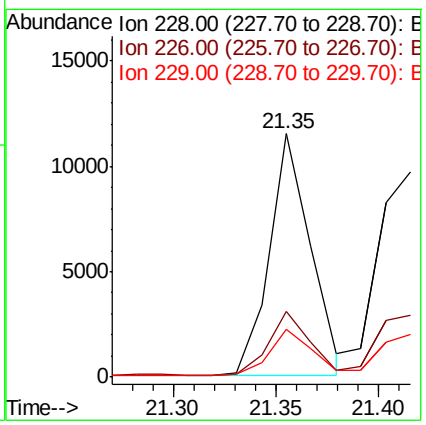


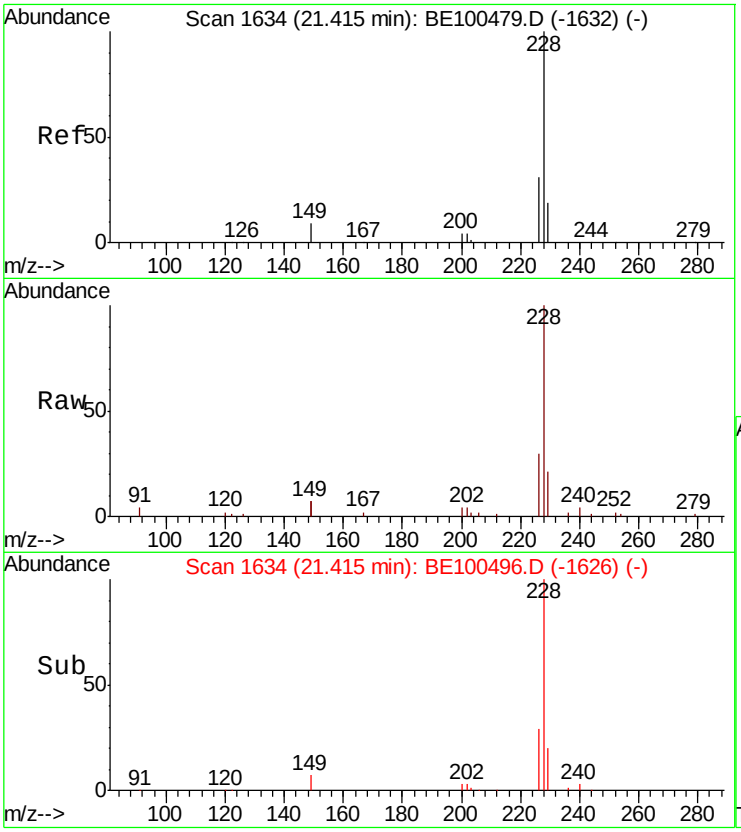


#30
Benzo(a)anthracene
Concen: 0.307 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:228 Resp: 16008

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.8	17.3	25.9



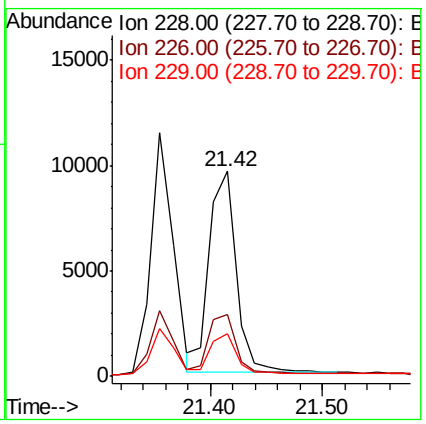


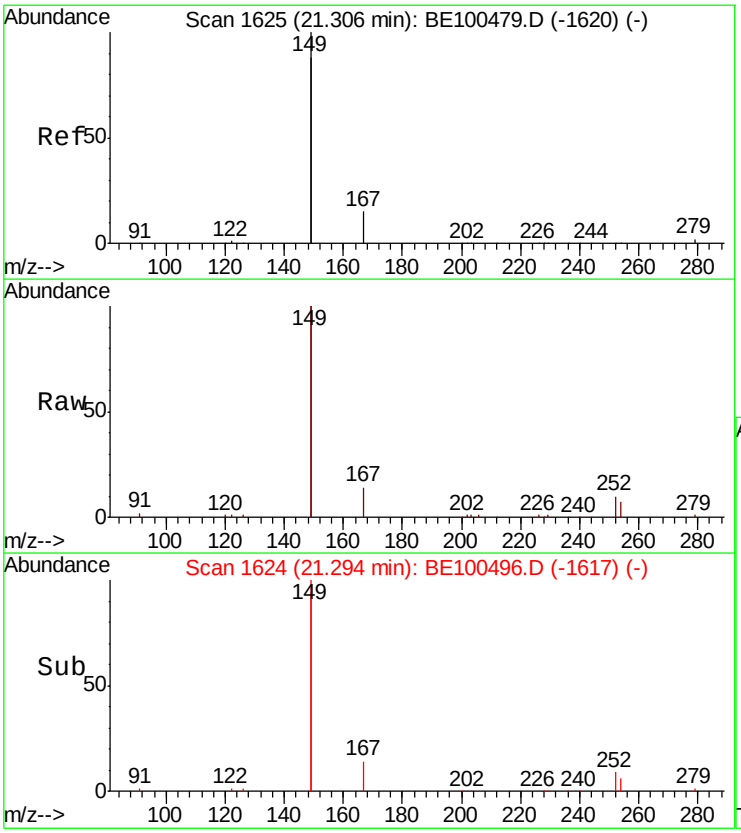
#31
Chrysene
Concen: 0.310 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:228 Resp: 15955

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.0	16.7	25.1

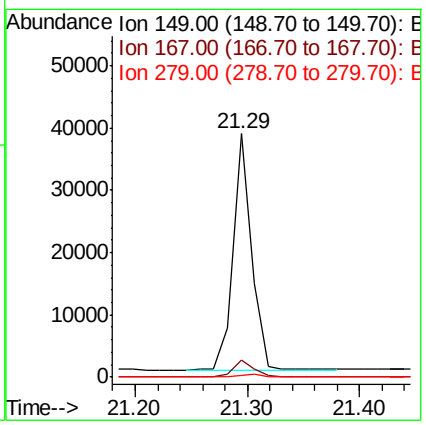


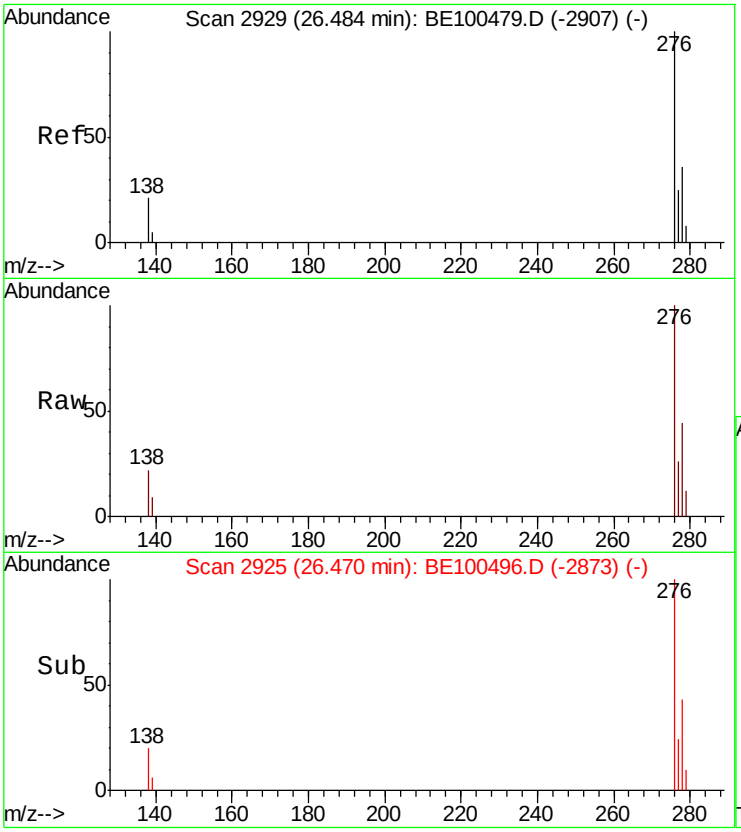


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.368 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:149 Resp: 44048

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.9	8.9
279	1.2	1.0	1.6



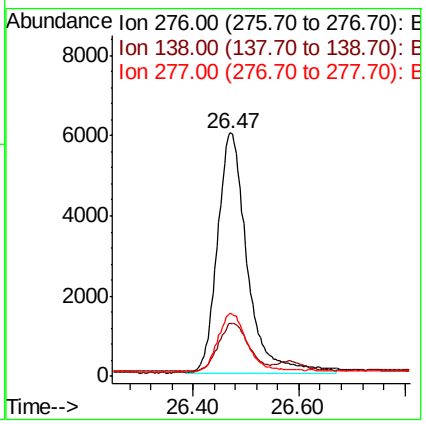


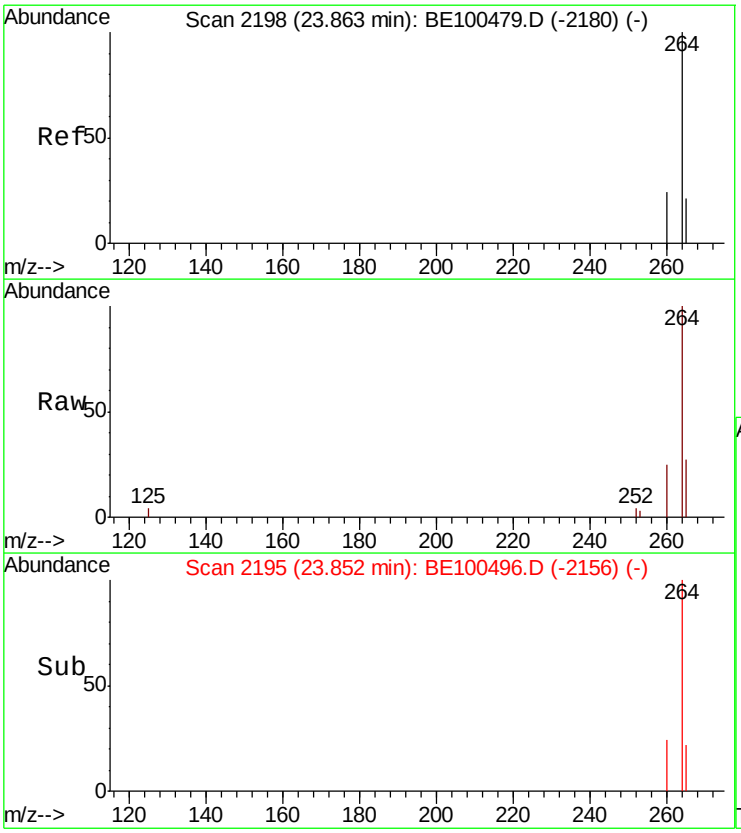
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:276 Resp: 23284

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.6	25.0
277	23.7	19.1	28.7

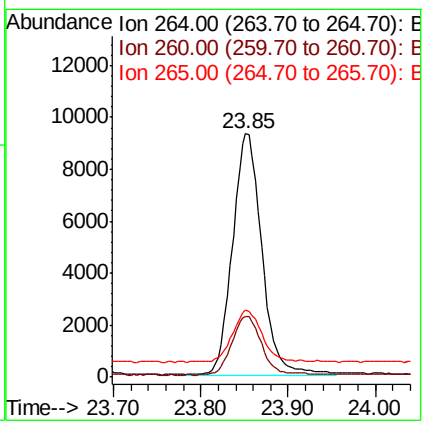


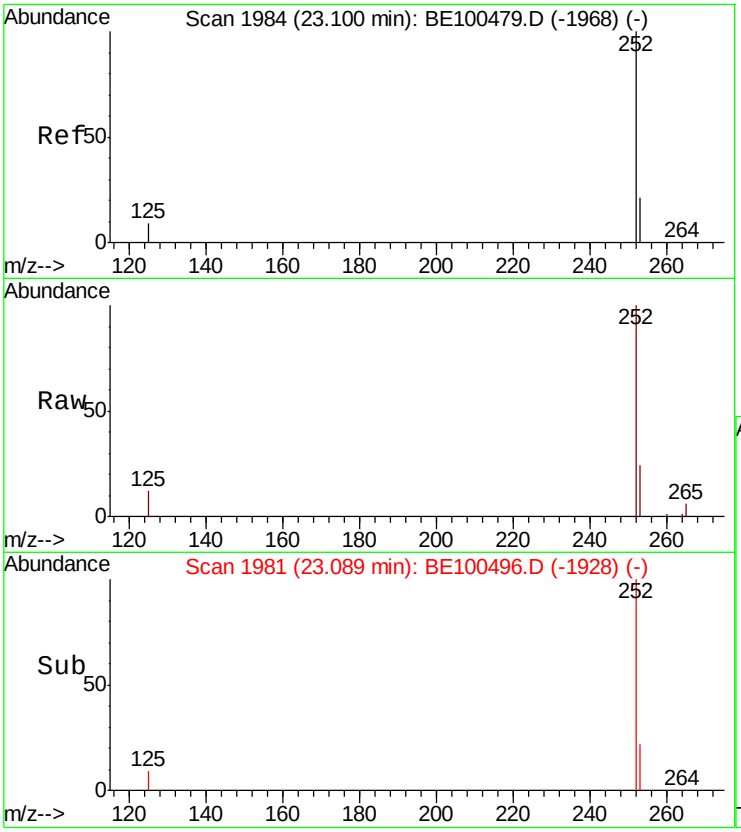


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:264 Resp: 21678

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.7	31.1
265	27.5	23.4	35.2



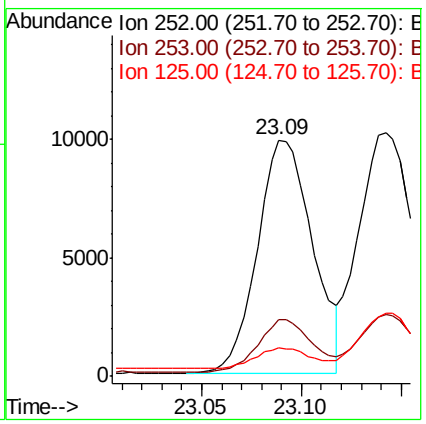


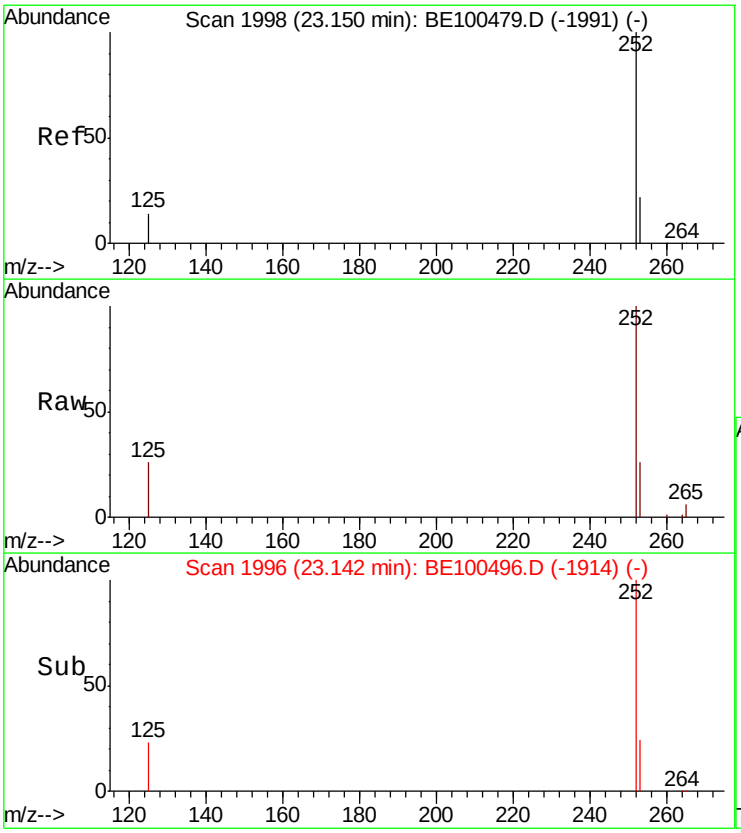
#35
Benzo(b)fluoranthene
Concen: 0.319 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:252 Resp: 18922

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	12.3	11.9	17.9

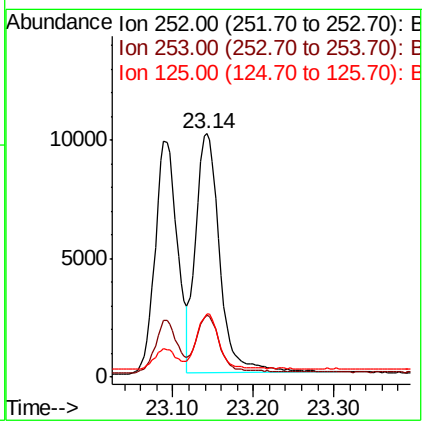


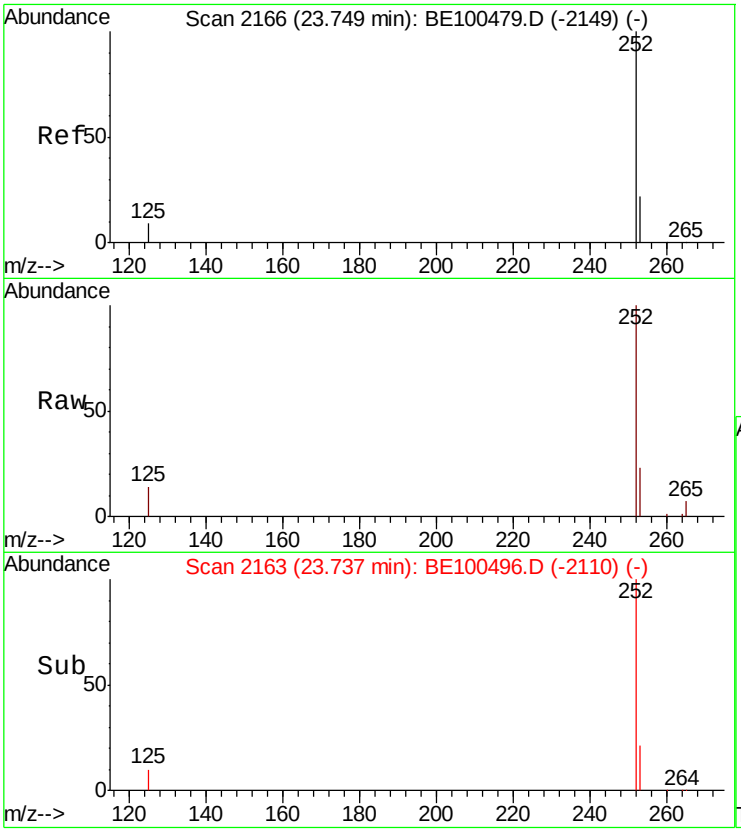


#36
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:252 Resp: 21024

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.7	29.5
125	25.8	15.2	22.8#



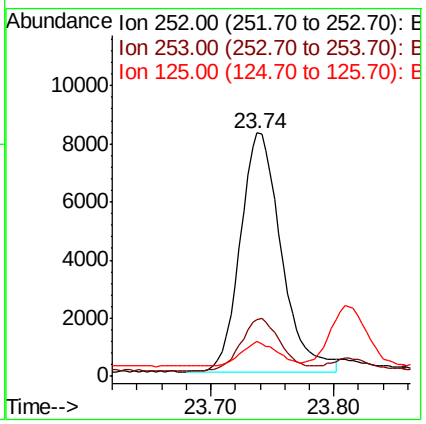


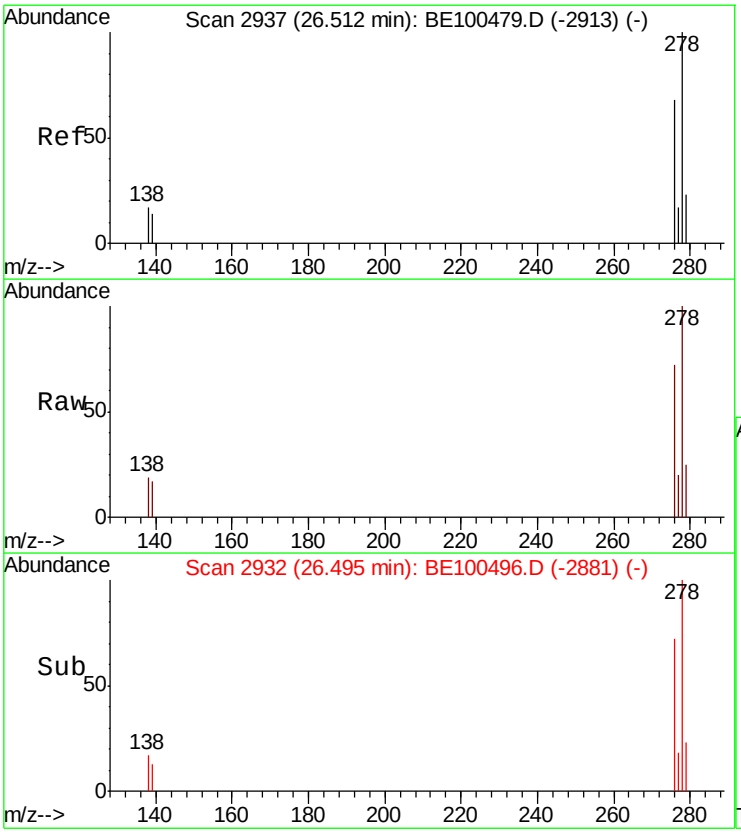
#37
Benzo(a)pyrene
Concen: 0.329 ng
RT: 23.74 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:252 Resp: 18946

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.0	30.0
125	14.2	14.1	21.1

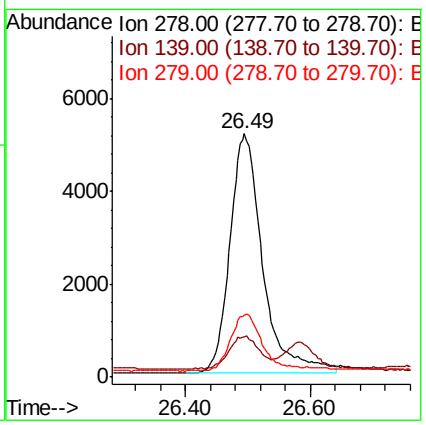


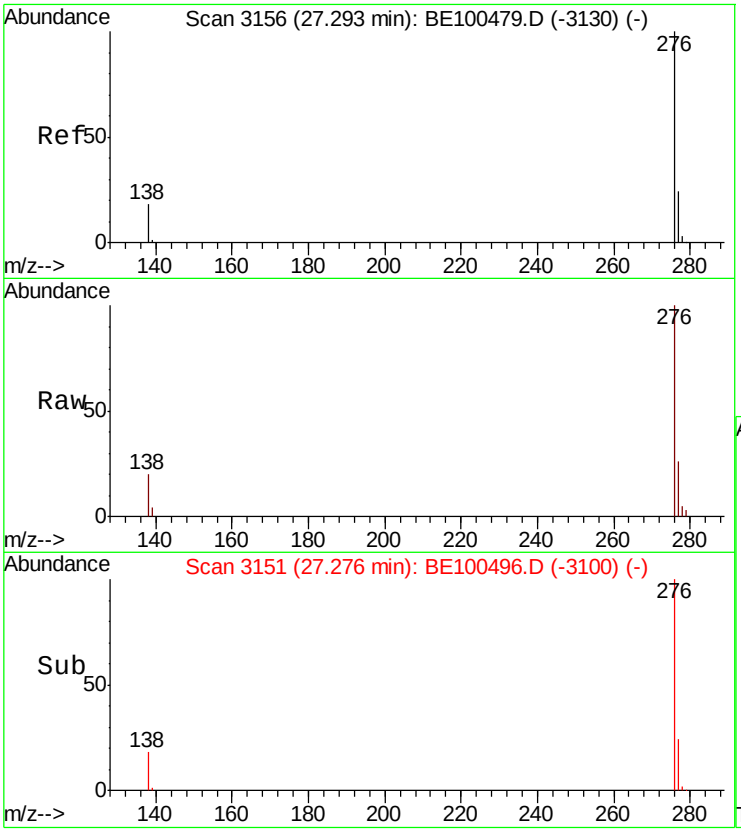


#38
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 26.49 min Scan# 2932
Delta R.T. -0.02 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:278 Resp: 18882

Ion	Ratio	Lower	Upper
278	100		
139	16.6	16.8	25.2#
279	25.4	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.357 ng
RT: 27.28 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:276 Resp: 19888

Ion	Ratio	Lower	Upper
276	100		
277	25.7	22.0	33.0
138	20.4	17.3	25.9