Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100232.D
Acq On : 28 Jun 2019 12:49
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 13:54:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 12:13:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	737	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	2632	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2069	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6251	0.40	ng		0.00
27) Chrysene-d12	21.25	240	9550	0.40	ng		0.00
34) Perylene-d12	23.66	264	11384	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	9529	5.82	ng		0.00
5) Phenol-d6	6.81	99	13209	5.86	ng		-0.02
8) Nitrobenzene-d5	8.80	82	14678	5.60	ng		-0.03
11) 2-Methylnaphthalene-d10	12.04	152	25824	5.23	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	8609	7.19	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	38925	4.69	ng		-0.01
25) Fluoranthene-d10	19.09	212	484336	5.38	ng		0.00
29) Terphenyl-d14	19.70	244	100627	5.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	4984	4.321	ng		96
3) n-Nitrosodimethylamine	3.42	42	3796	8.894	ng	#	82
6) bis(2-Chloroethyl)ether	7.07	93	11516	5.580	ng	#	69
9) Naphthalene	10.48	128	139542	4.858	ng	#	97
10) Hexachlorobutadiene	10.76	225	13524	4.560	ng		98
12) 2-Methylnaphthalene	12.11	142	24911	5.386	ng		97
16) Acenaphthylene	14.04	152	49049	4.862	ng		99
17) Acenaphthene	14.38	154	27928	4.940	ng		99
18) Fluorene	15.35	166	41260	5.046	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	20670	5.328	ng		92
21) Hexachlorobenzene	16.36	284	20922	4.916	ng		97
22) Pentachlorophenol	16.72	266	8979	8.967	ng		89
23) Phenanthrene	17.09	178	77869	5.259	ng		100
24) Anthracene	17.19	178	76266	6.098	ng		100
26) Fluoranthene	19.12	202	124620	5.173	ng		99
28) Pyrene	19.49	202	128192	5.242	ng		100
30) Benzo(a)anthracene	21.22	228	165084	5.863	ng		99
31) Chrysene	21.28	228	156441	4.737	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	225853	6.979	ng		100
33) Indeno(1,2,3-cd)pyrene	26.22	276	205718	4.376	ng		99
35) Benzo(b)fluoranthene	22.92	252	162729	5.315	ng	#	94
36) Benzo(k)fluoranthene	22.97	252	171178	4.672	ng	#	98
37) Benzo(a)pyrene	23.55	252	156844	4.944	ng	#	92
38) Dibenzo(a,h)anthracene	26.24	278	169836	5.005	ng	#	95
39) Benzo(g,h,i)perylene	27.00	276	166947	4.712	ng		96

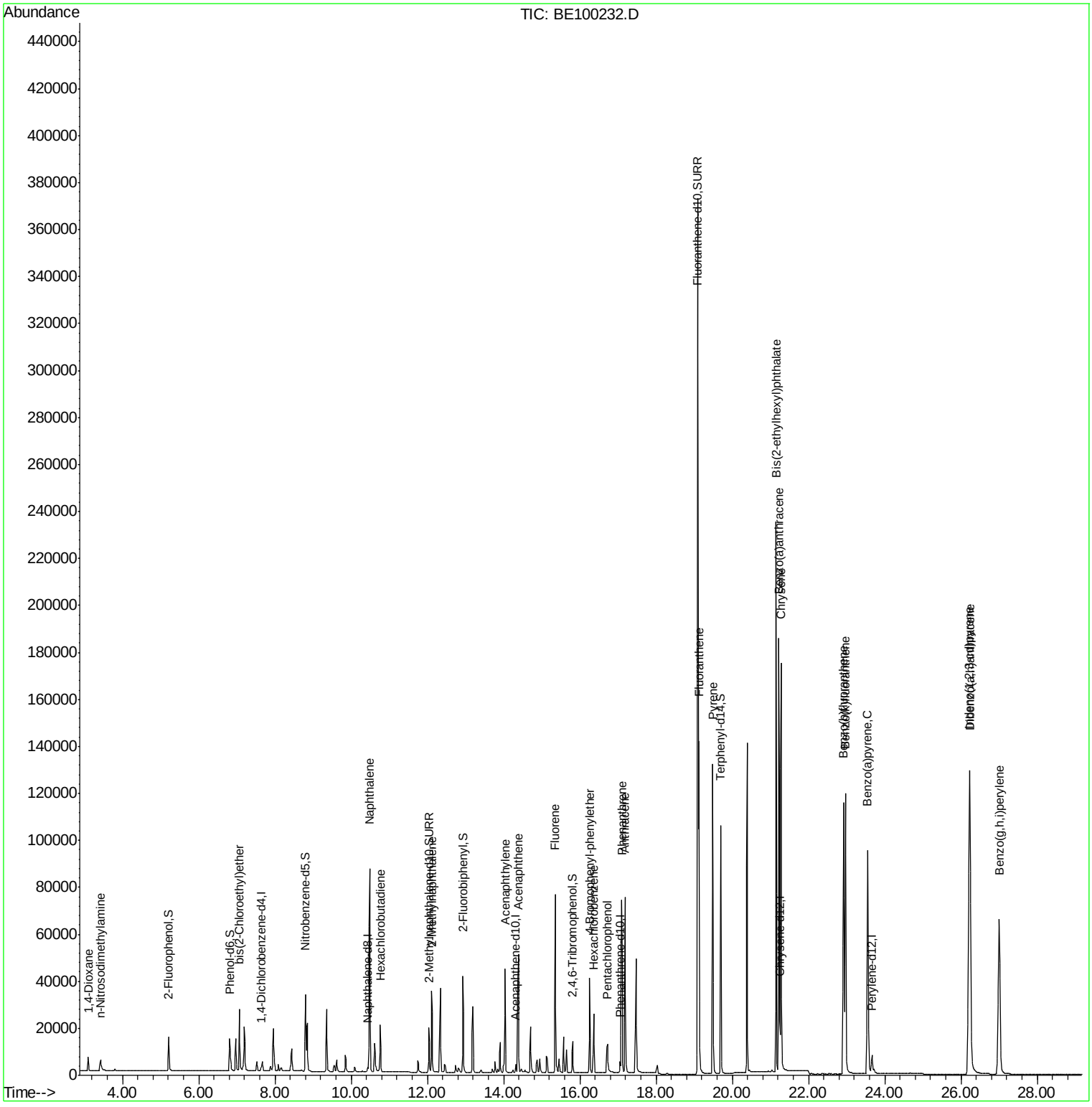
(#) = qualifier out of range (m) = manual integration (+) = signals summed

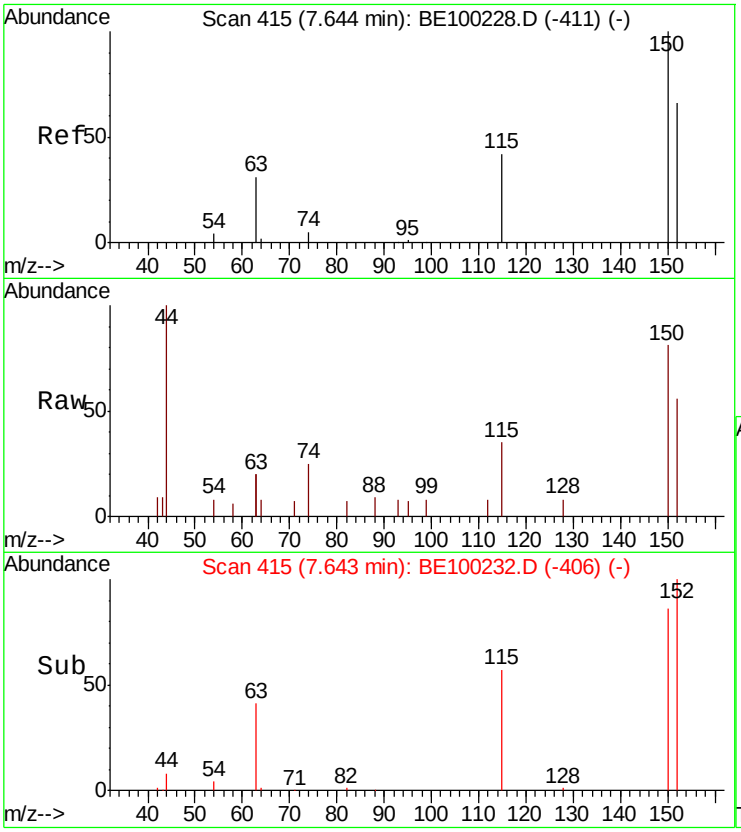
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100232.D
Acq On : 28 Jun 2019 12:49
Operator : JU/SJ
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 13:54:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 12:13:05 2019
Response via : Initial Calibration



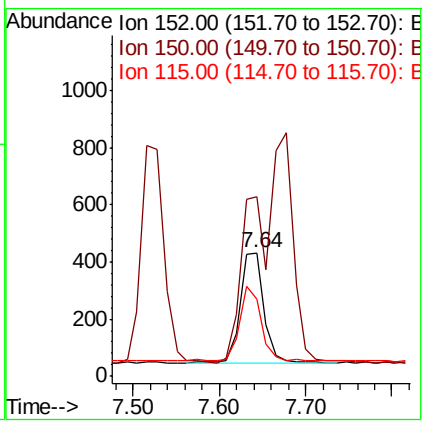


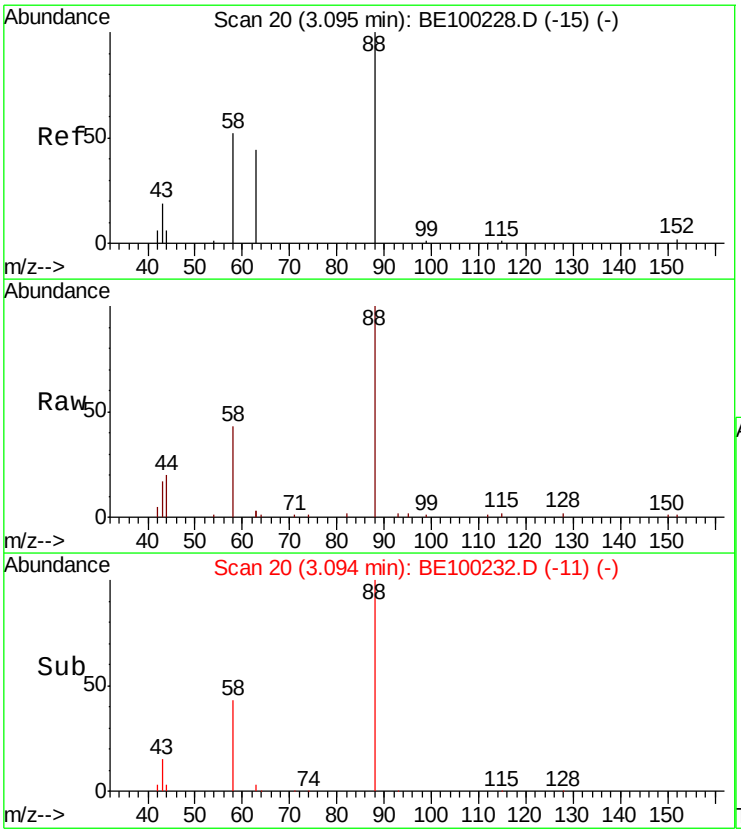
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 737

Ion	Ratio	Lower	Upper
152	100		
150	145.1	114.5	171.7
115	63.0	57.1	85.7

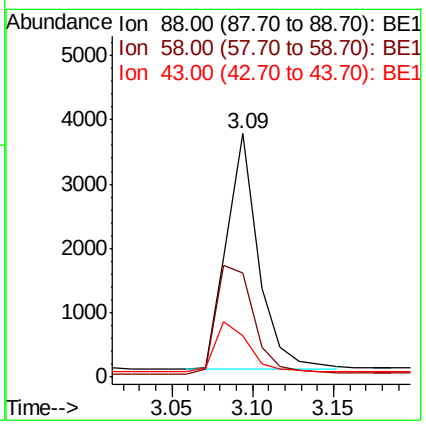


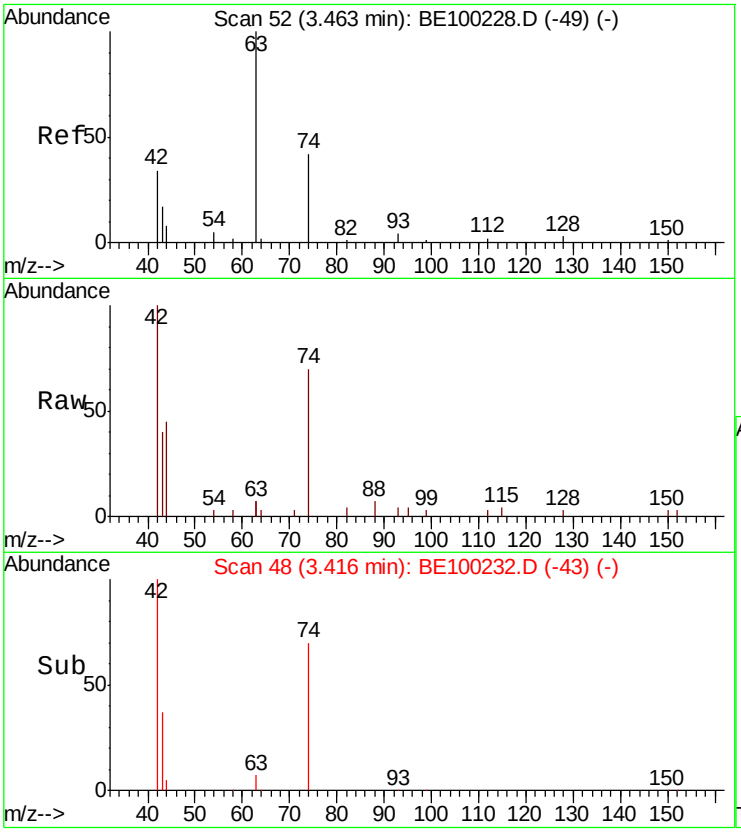


#2
1,4-Dioxane
Concen: 4.321 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion: 88 Resp: 4984

Ion	Ratio	Lower	Upper
88	100		
58	55.8	43.6	65.4
43	22.6	21.4	32.0

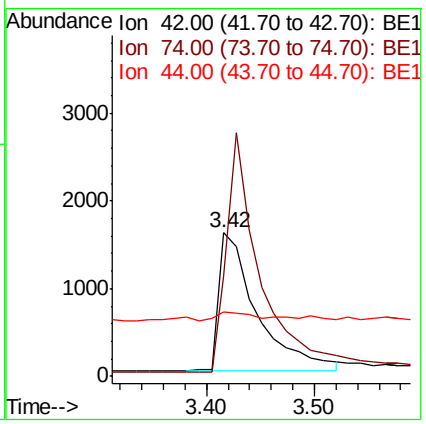




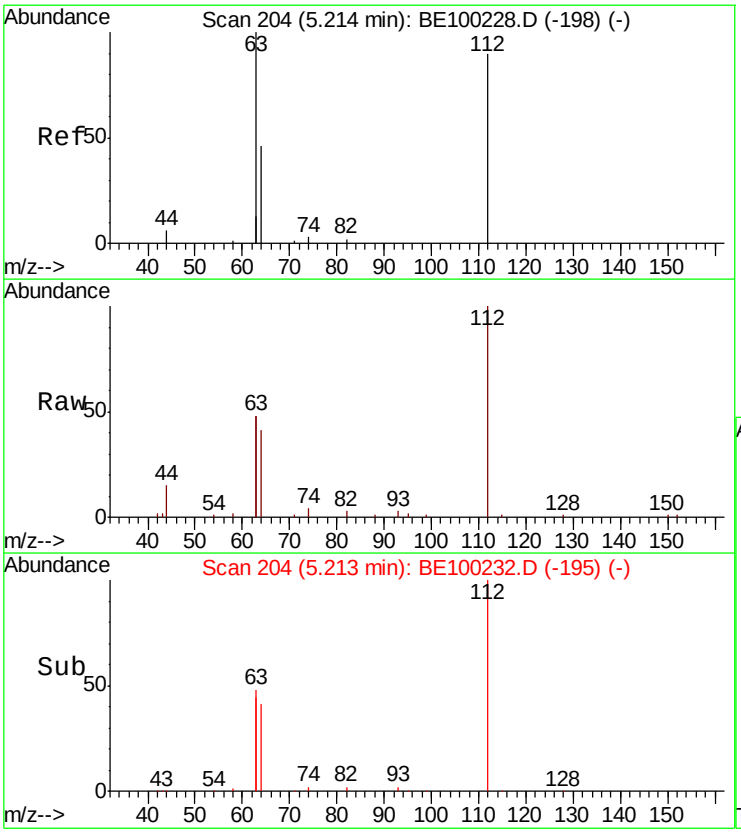
#3
n-Nitrosodimethylamine
Concen: 8.894 ng
RT: 3.42 min Scan# 48
Delta R.T. -0.05 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion: 42 Resp: 3796

Ion	Ratio	Lower	Upper
42	100		
74	155.7	130.6	196.0
44	8.0	38.0	57.0#



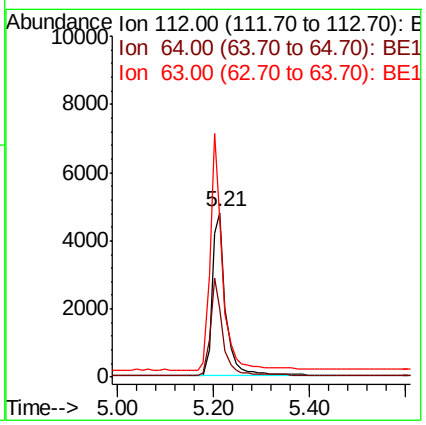
Instrument :
BNA_E
ClientSampleId :

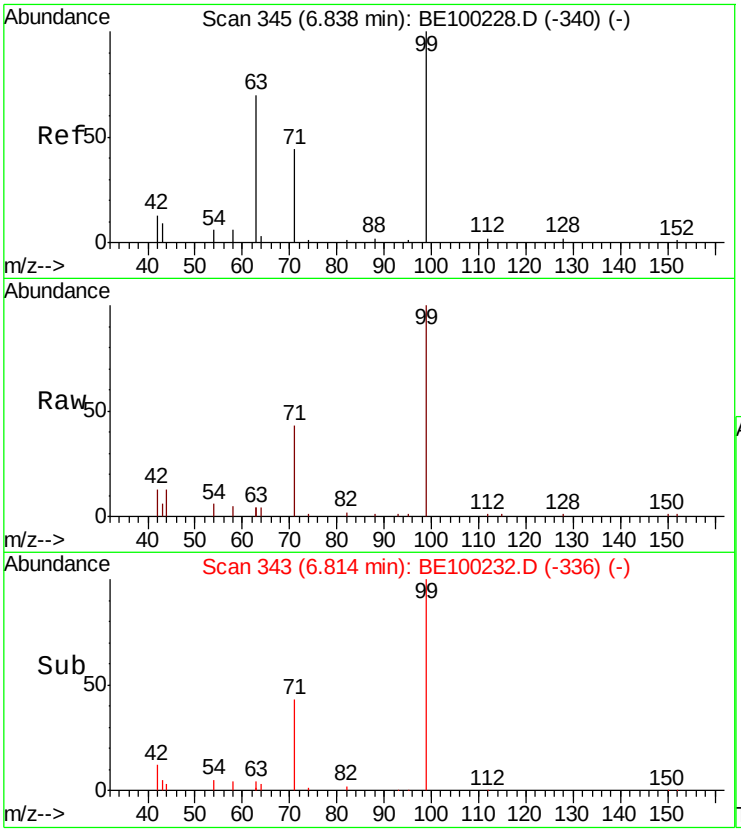


#4
2-Fluorophenol
Concen: 5.815 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:112 Resp: 9529

Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.4	59.0
63	130.3	104.5	156.7



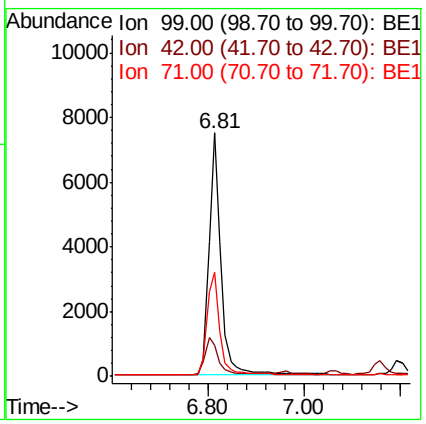


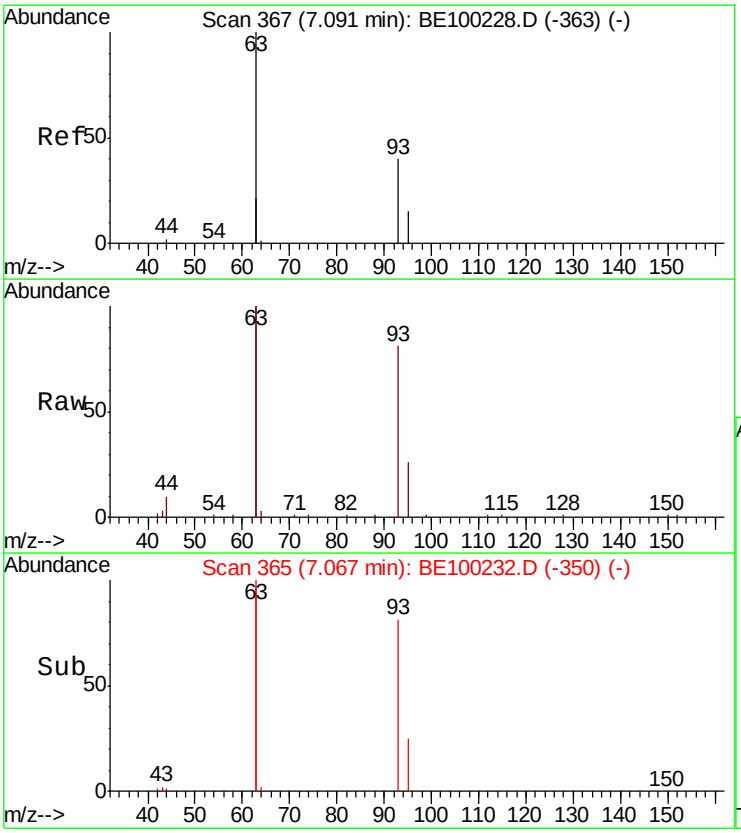
#5
Phenol-d6
Concen: 5.861 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 13209

Ion	Ratio	Lower	Upper
99	100		
42	16.3	11.2	16.8
71	45.0	37.2	55.8

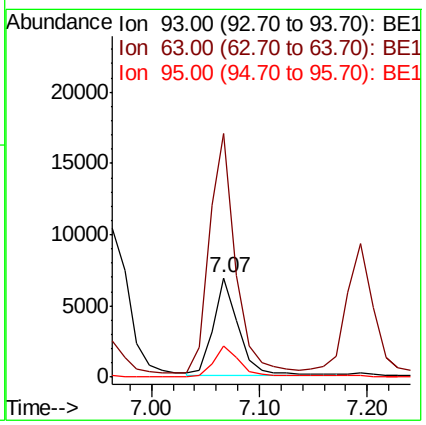


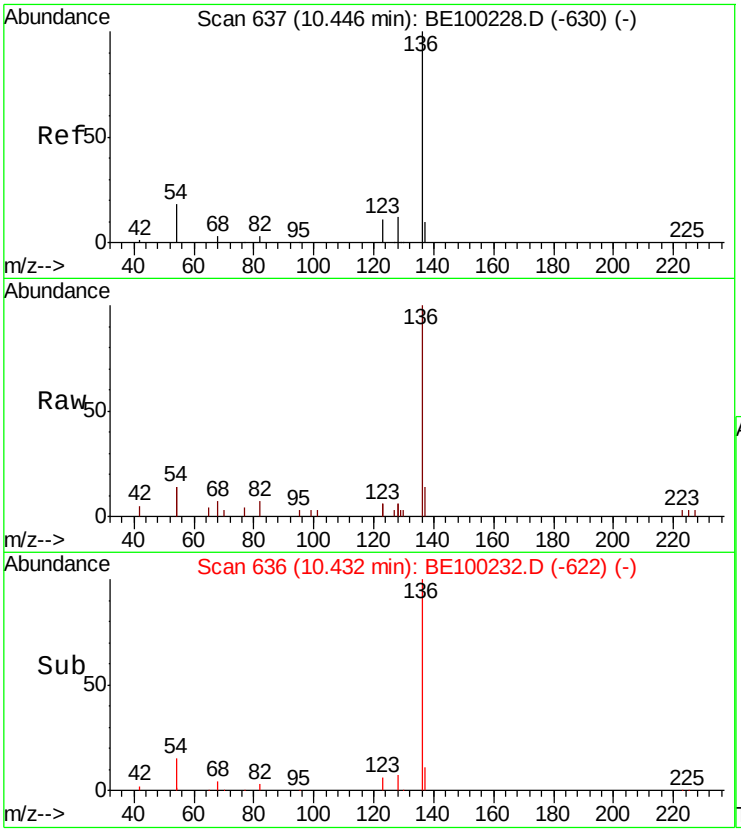


#6
bis(2-Chloroethyl)ether
Concen: 5.580 ng
RT: 7.07 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion: 93 Resp: 11516

Ion	Ratio	Lower	Upper
93	100		
63	246.2	155.6	233.4#
95	30.2	23.0	34.4



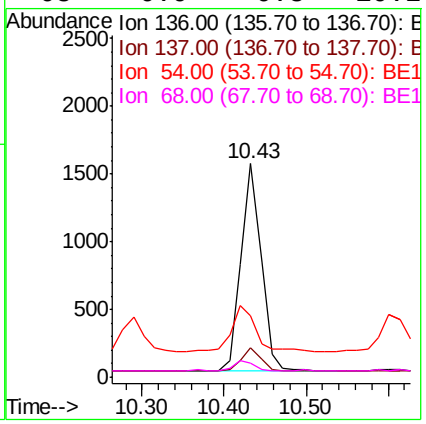


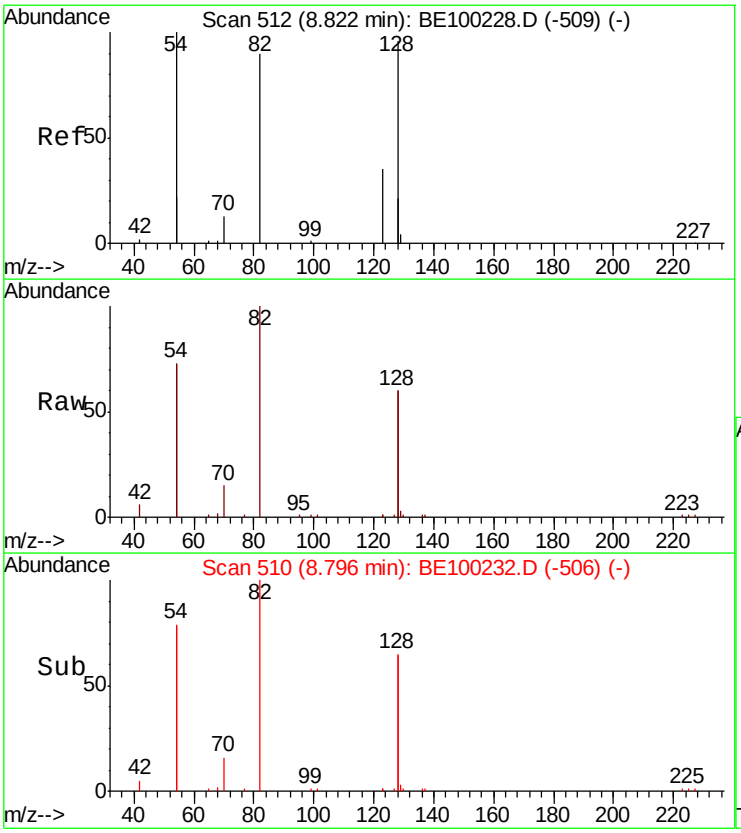
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2632

Ion	Ratio	Lower	Upper
136	100		
137	13.9	11.8	17.8
54	28.7	27.7	41.5
68	6.9	6.8	10.2

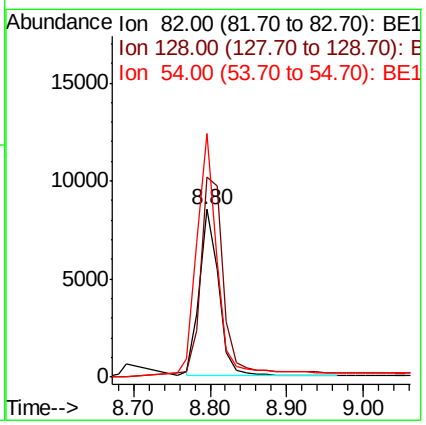


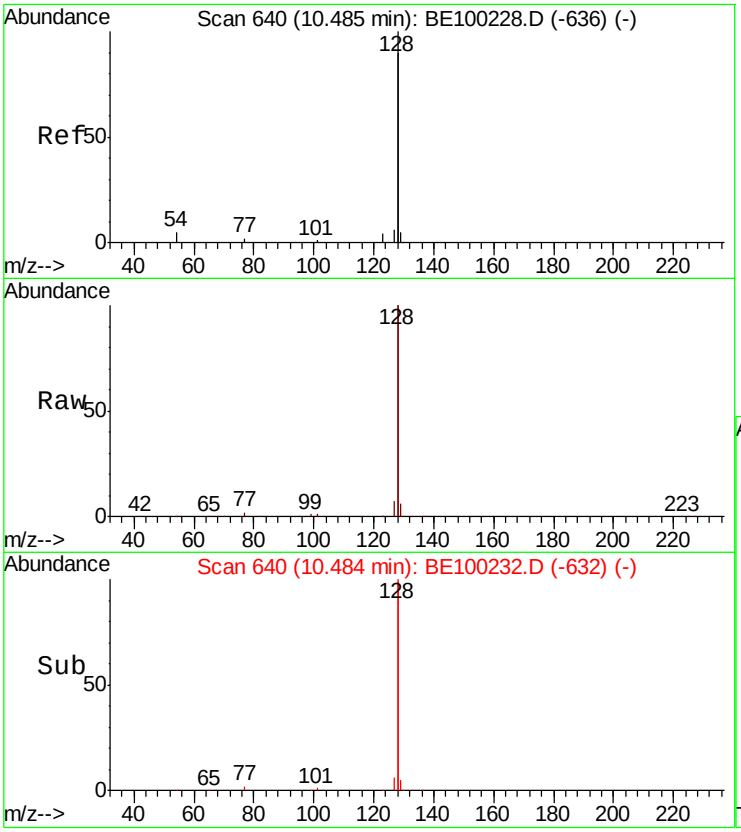


#8
Nitrobenzene-d5
Concen: 5.604 ng
RT: 8.80 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion: 82 Resp: 14678

Ion	Ratio	Lower	Upper
82	100		
128	119.2	140.9	211.3#
54	145.2	146.2	219.2#



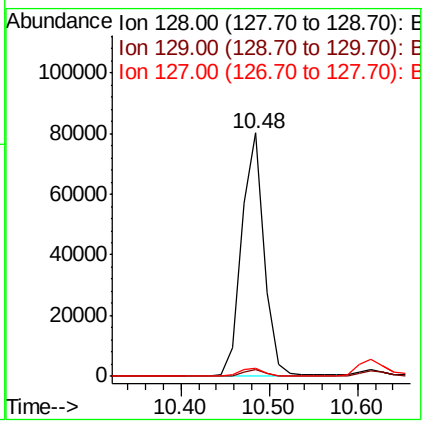


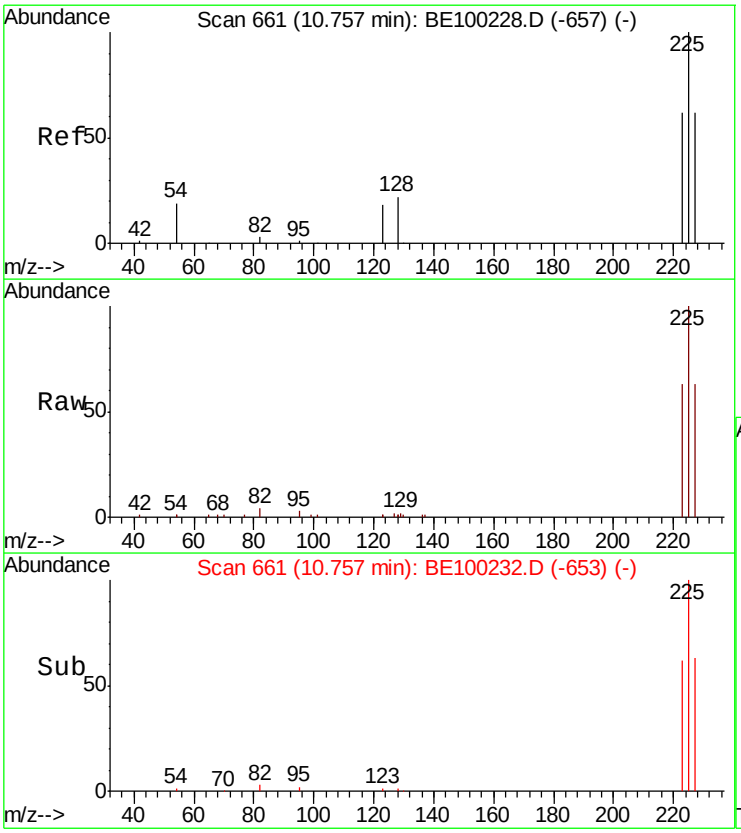
#9
Naphthalene
Concen: 4.858 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 139542

Ion	Ratio	Lower	Upper
128	100		
129	2.8	3.0	4.6#
127	3.3	3.5	5.3#

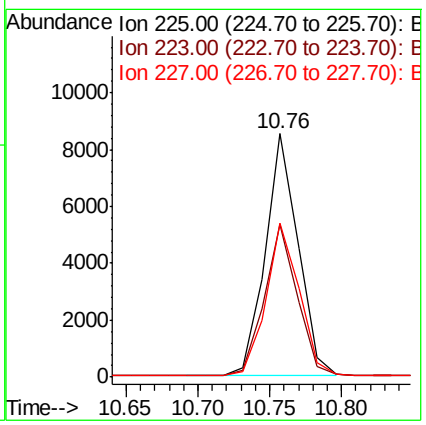


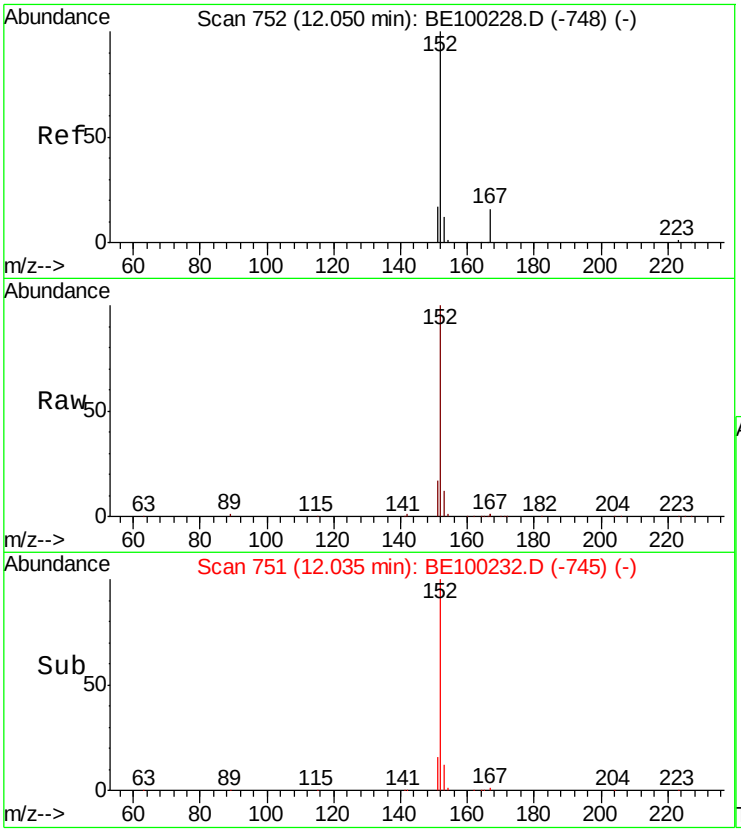


#10
Hexachlorobutadiene
Concen: 4.560 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:225 Resp: 13524

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.1	73.7
227	63.6	49.3	73.9



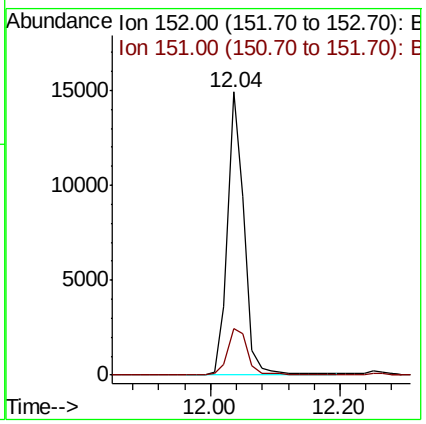


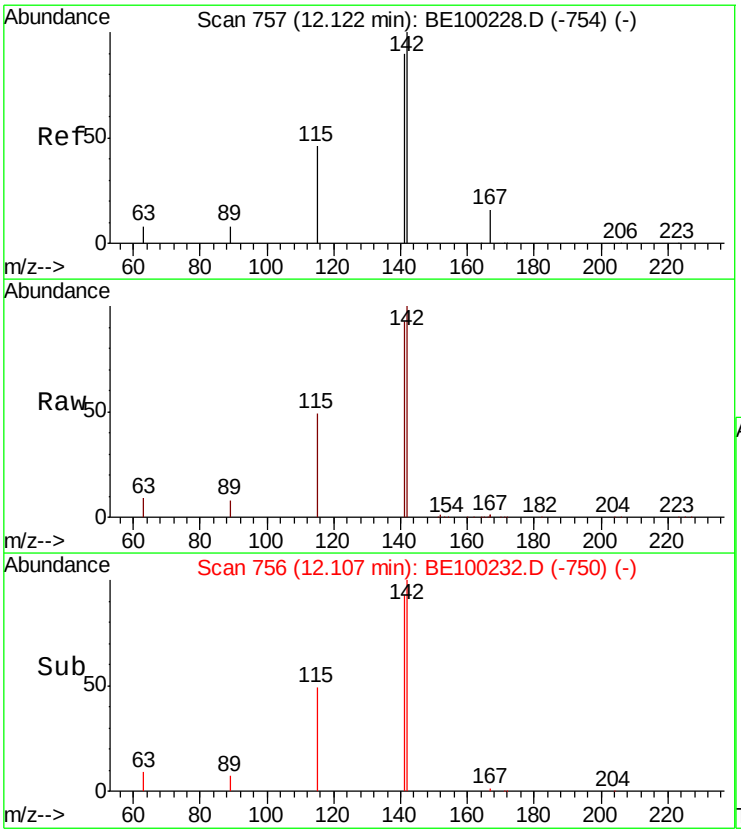
#11
2-Methylnaphthalene-d10
Concen: 5.233 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 25824

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

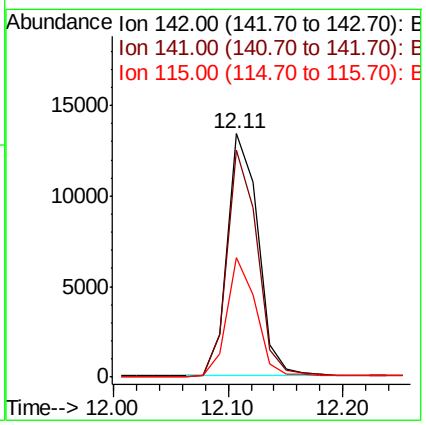


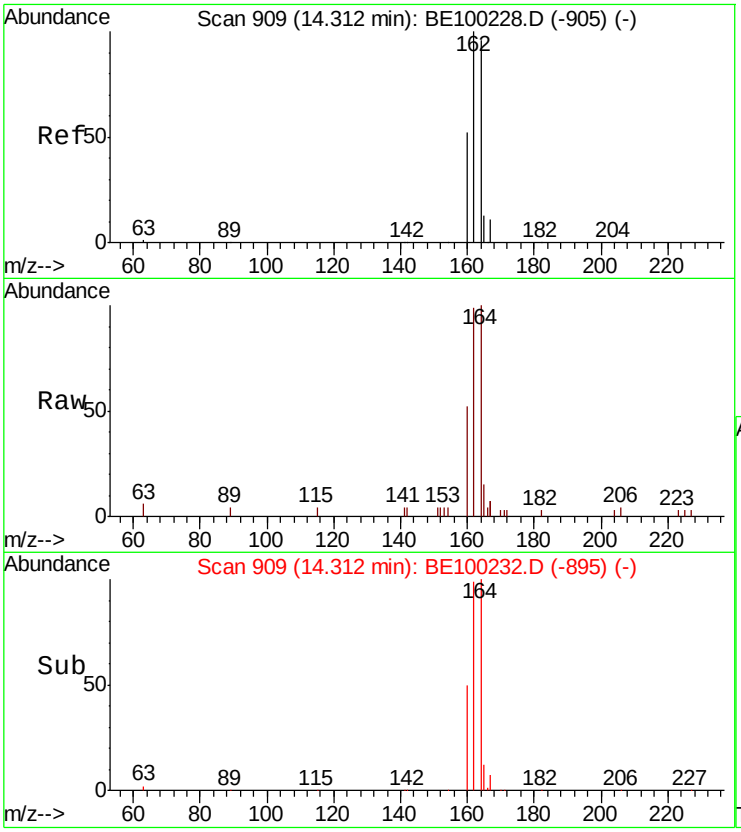


#12
2-Methylnaphthalene
Concen: 5.386 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:142 Resp: 24911

Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.4	108.6
115	49.2	40.4	60.6



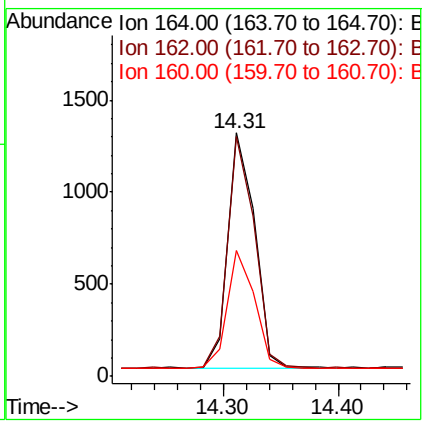


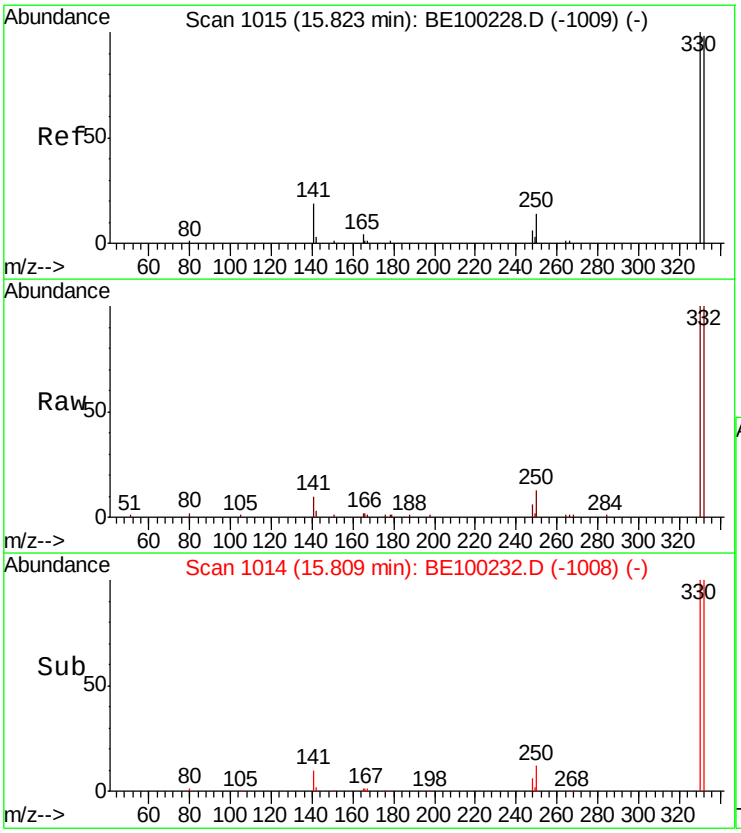
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2069

Ion	Ratio	Lower	Upper
164	100		
162	98.6	83.4	125.0
160	51.7	45.0	67.6

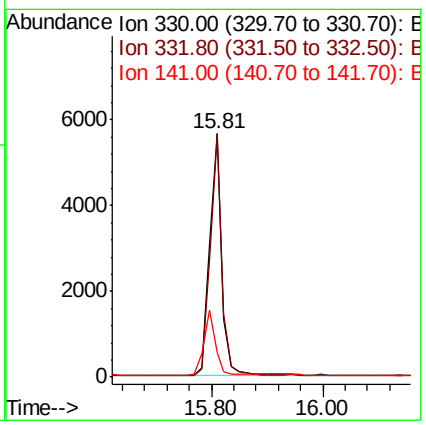


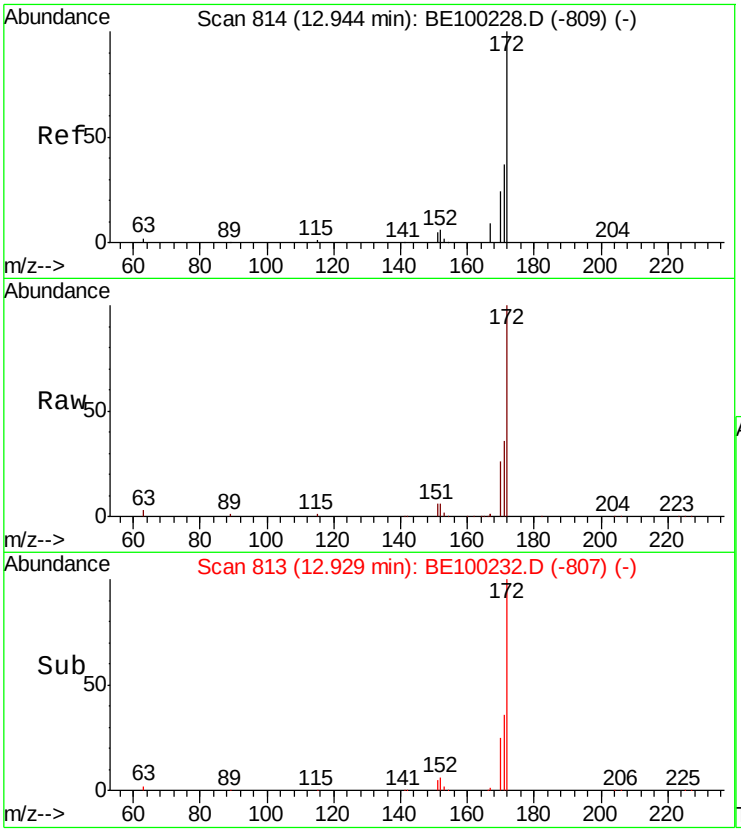


#14
2,4,6-Tribromophenol
Concen: 7.186 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:330 Resp: 8609

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.4
141	25.5	22.0	33.0



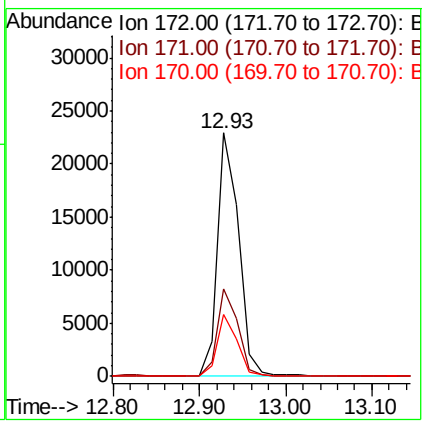


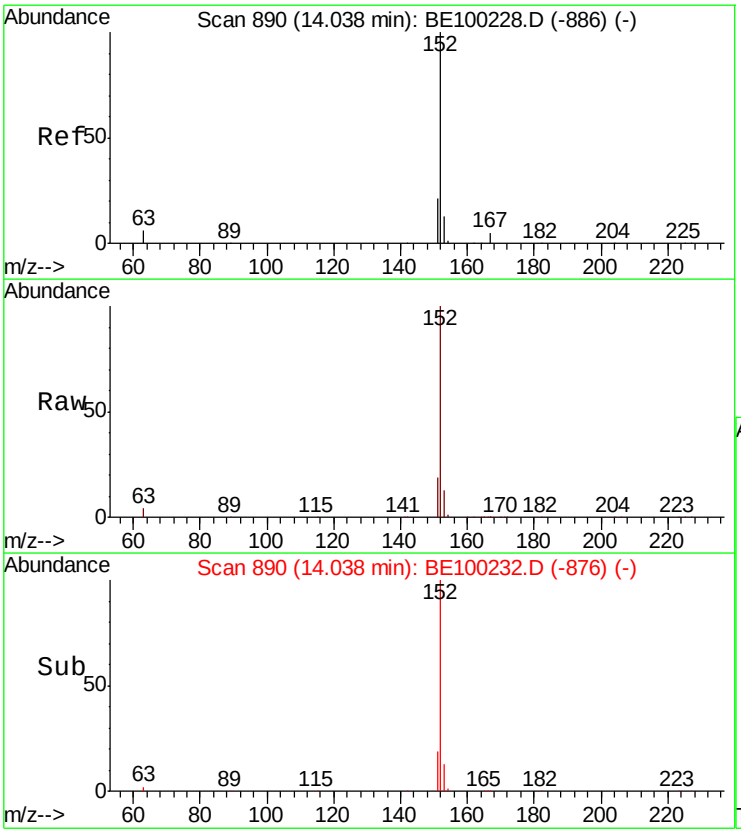
#15
2-Fluorobiphenyl
Concen: 4.692 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 38925

Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.9	47.9
170	25.5	22.2	33.2

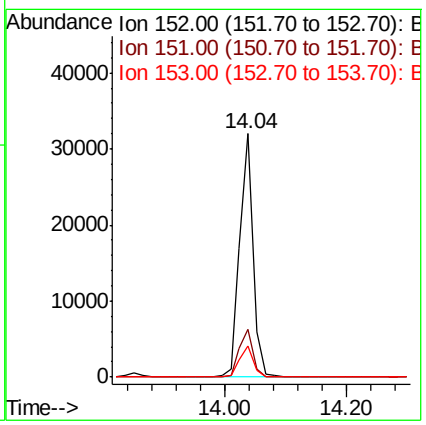


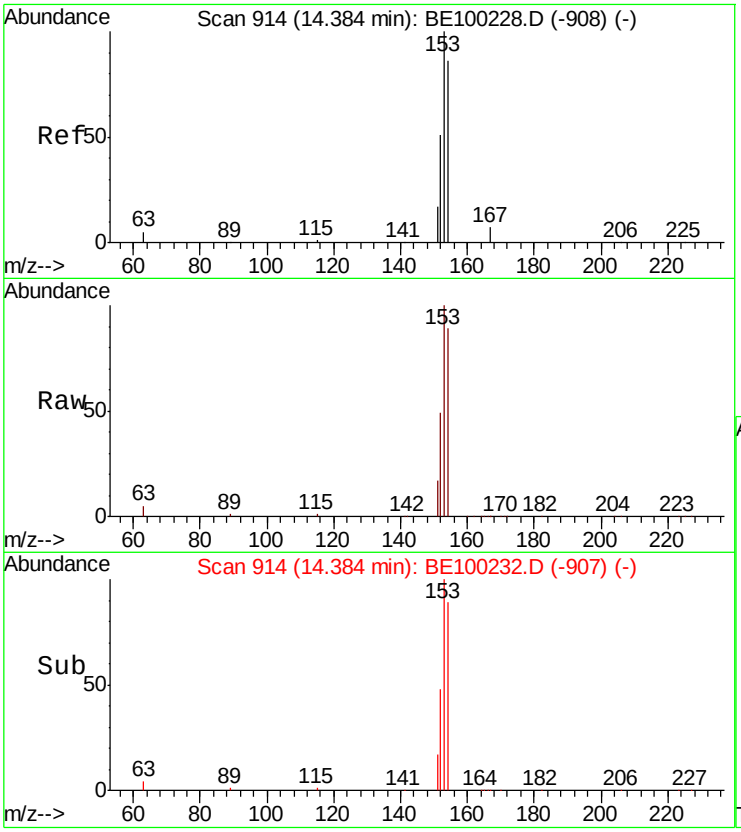


#16
Acenaphthylene
Concen: 4.862 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:152 Resp: 49049

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	25.0
153	12.8	10.5	15.7



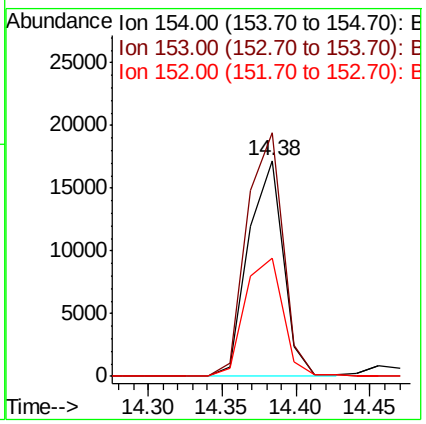


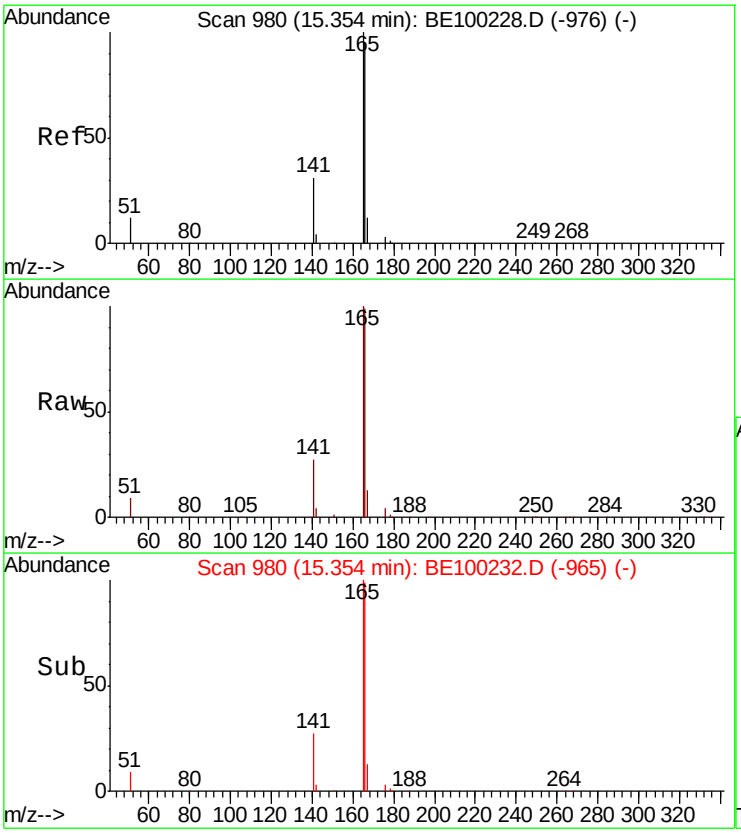
#17
Acenaphthene
Concen: 4.940 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 27928

Ion	Ratio	Lower	Upper
154	100		
153	117.3	93.4	140.2
152	59.6	49.4	74.2

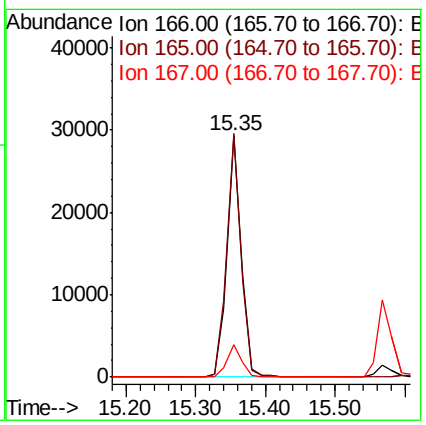


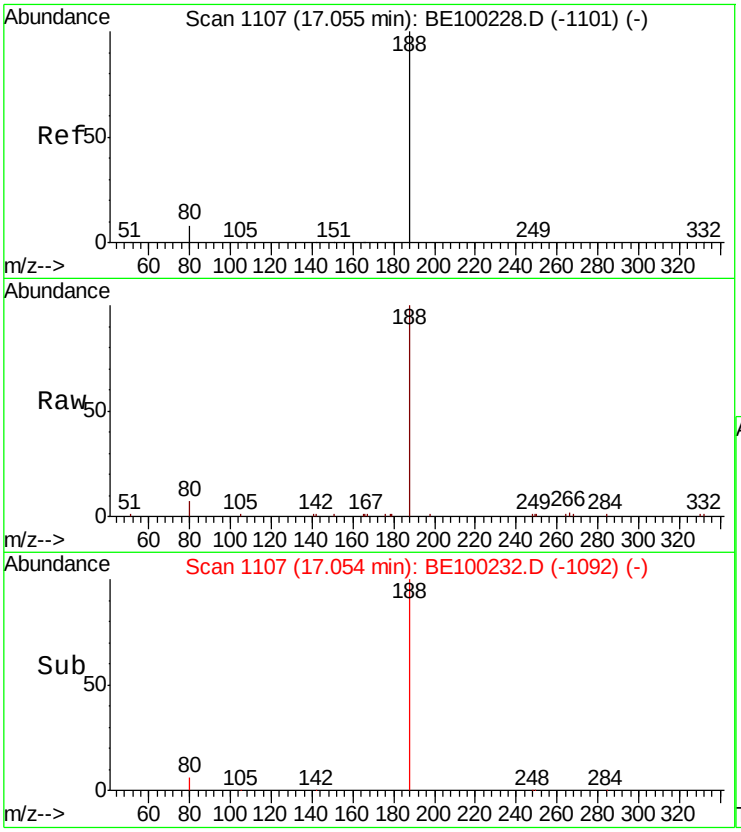


#18
Fluorene
Concen: 5.046 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:166 Resp: 41260

Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.1	121.7
167	13.3	10.7	16.1



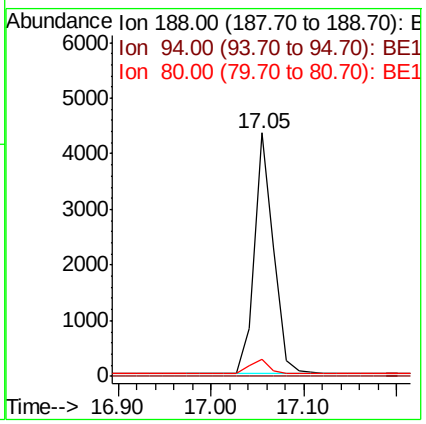


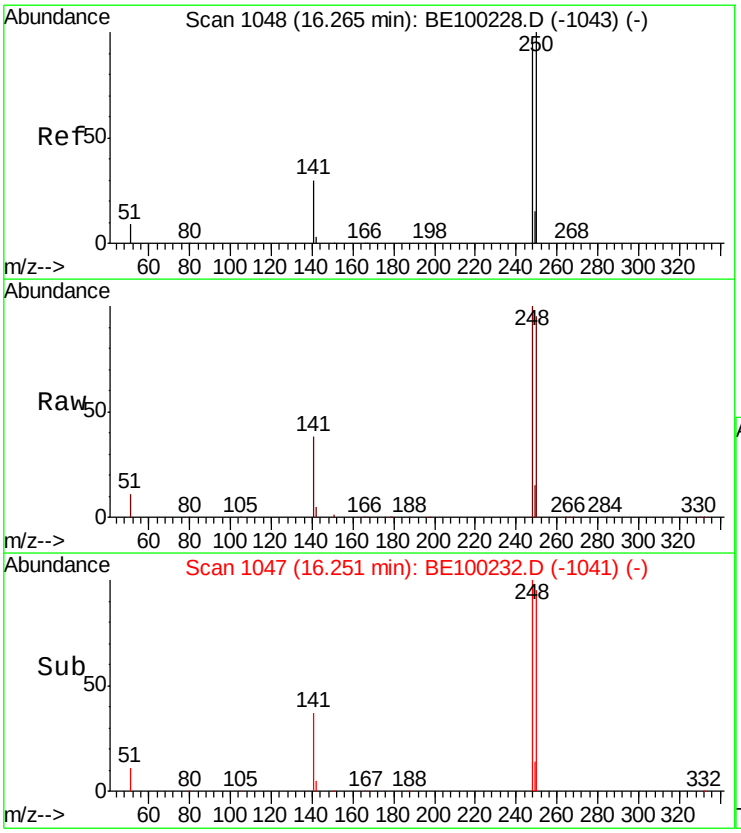
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6251

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	7.6	11.4#

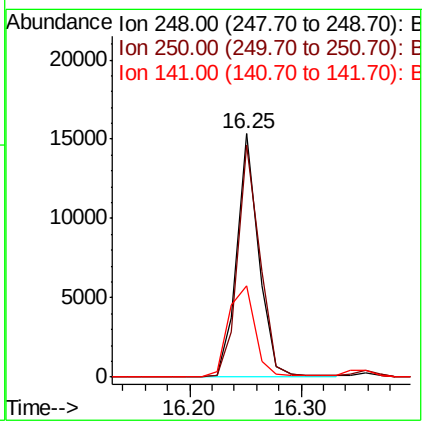


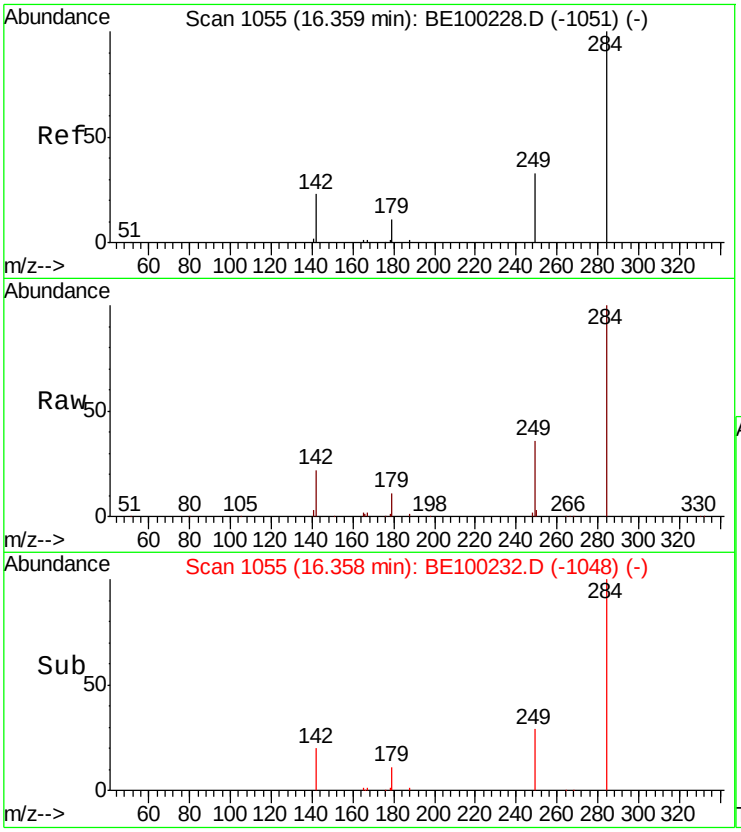


#20
4-Bromophenyl-phenylether
Concen: 5.328 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:248 Resp: 20670

Ion	Ratio	Lower	Upper
248	100		
250	95.2	84.2	126.4
141	37.6	29.3	43.9



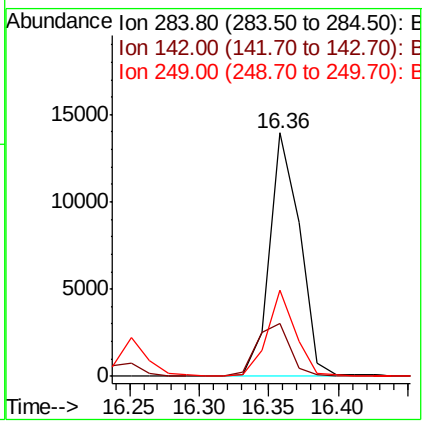


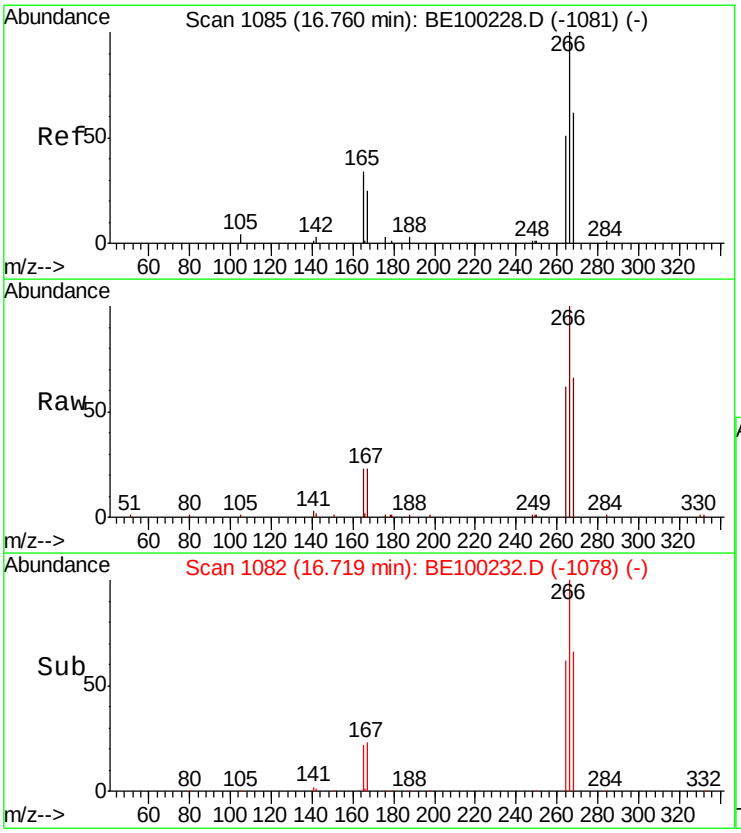
#21
Hexachlorobenzene
Concen: 4.916 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 20922

Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.8	28.2
249	32.6	23.7	35.5

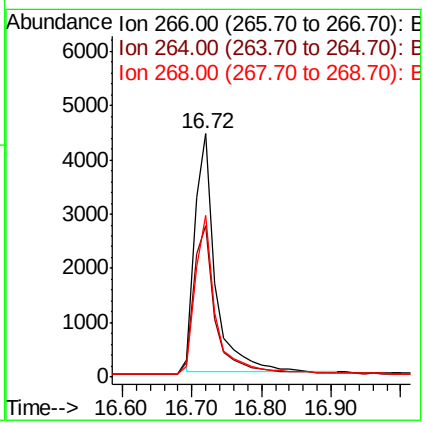


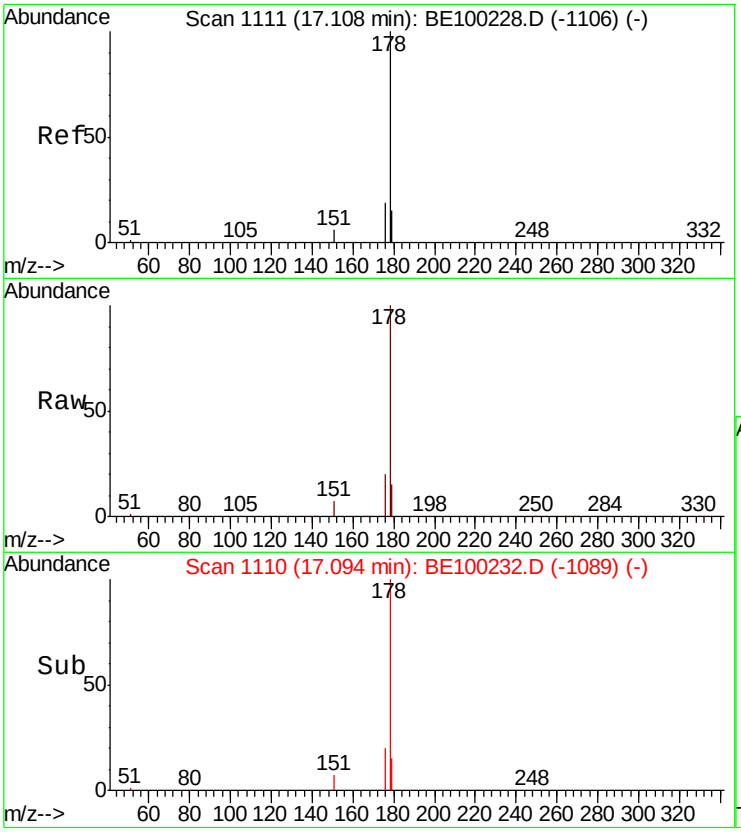


#22
Pentachlorophenol
Concen: 8.967 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:266 Resp: 8979

Ion	Ratio	Lower	Upper
266	100		
264	62.3	56.2	84.2
268	66.4	61.8	92.6



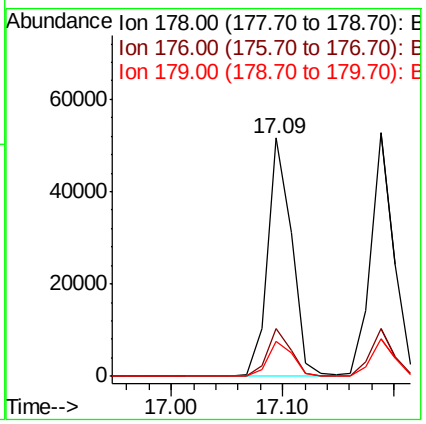


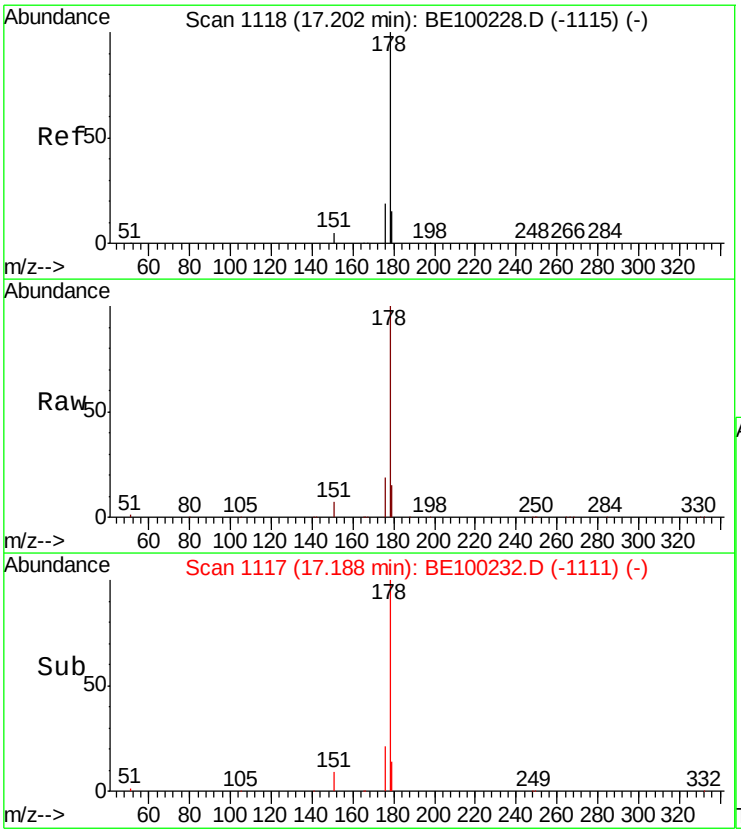
#23
Phenanthrene
Concen: 5.259 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 77869

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.3	12.2	18.2

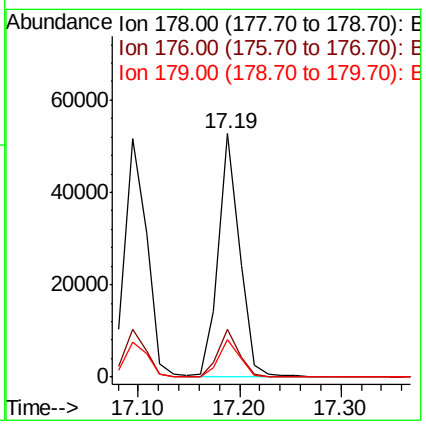


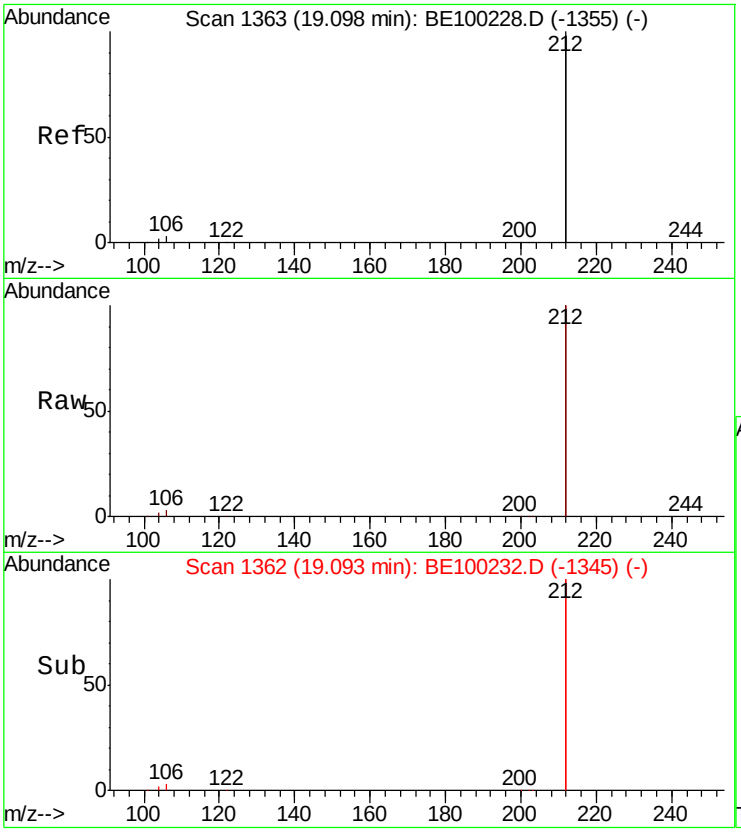


#24
Anthracene
Concen: 6.098 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:178 Resp: 76266

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.2	18.2



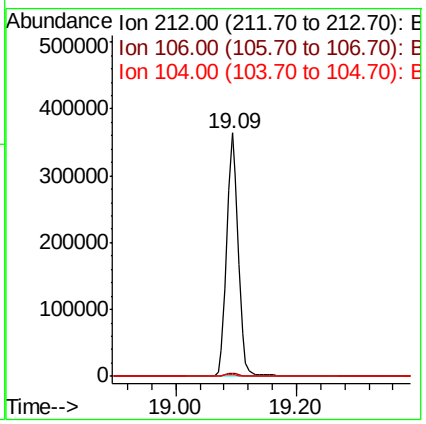


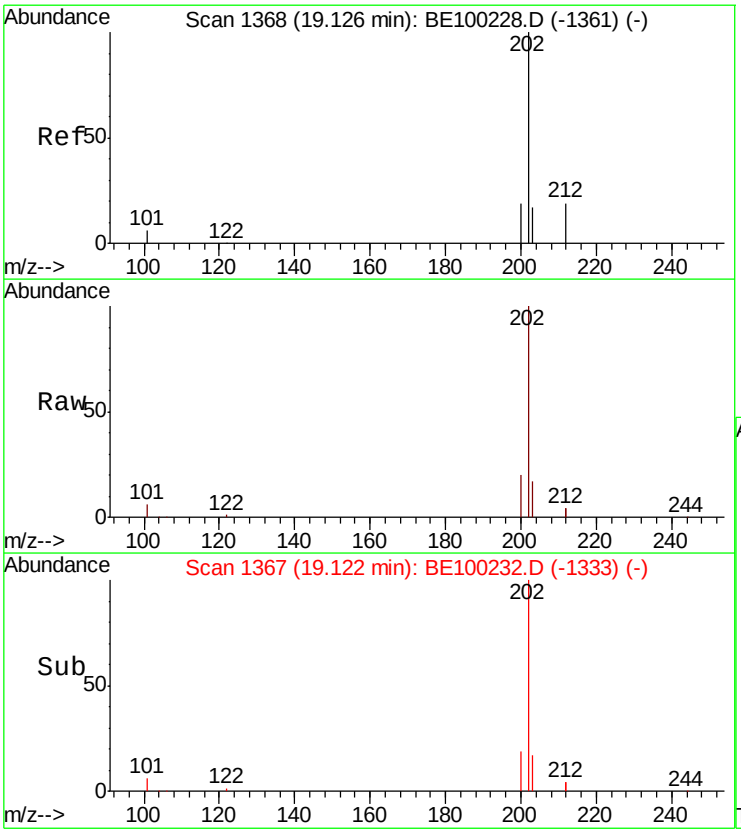
#25
Fluoranthene-d10
Concen: 5.376 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 484336

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	0.9	0.8	1.2

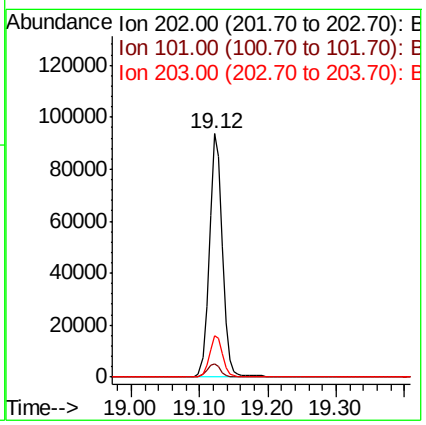


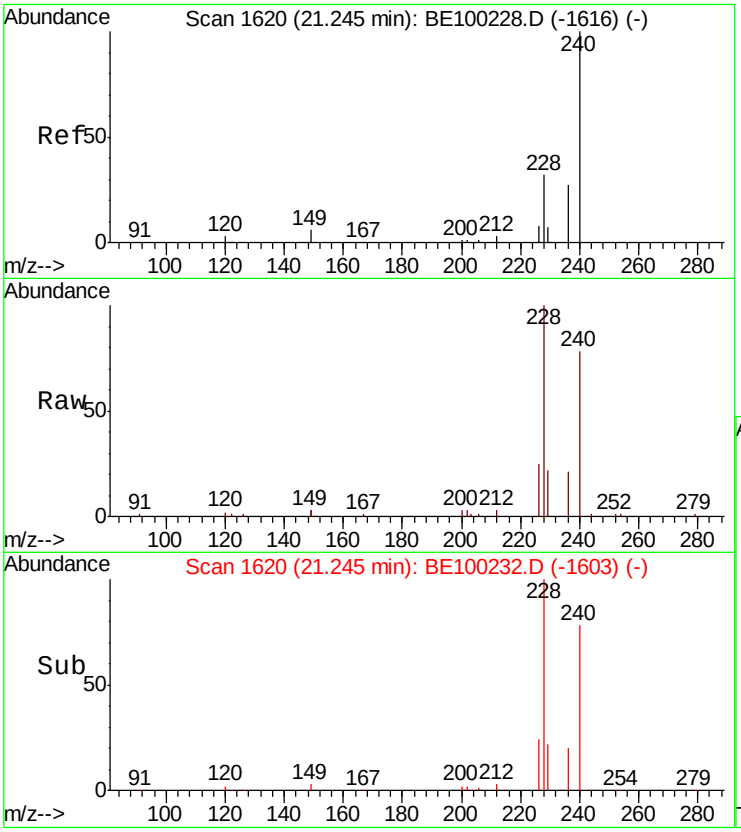


#26
Fluoranthene
Concen: 5.173 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:202 Resp: 124620

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	17.4	13.7	20.5



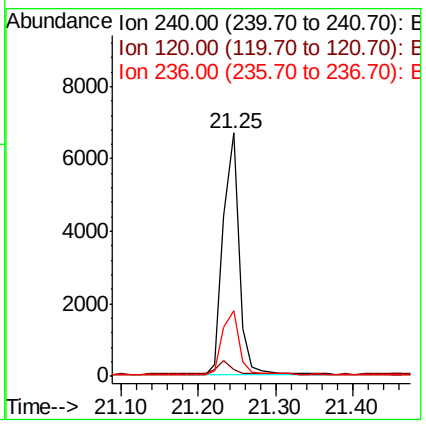


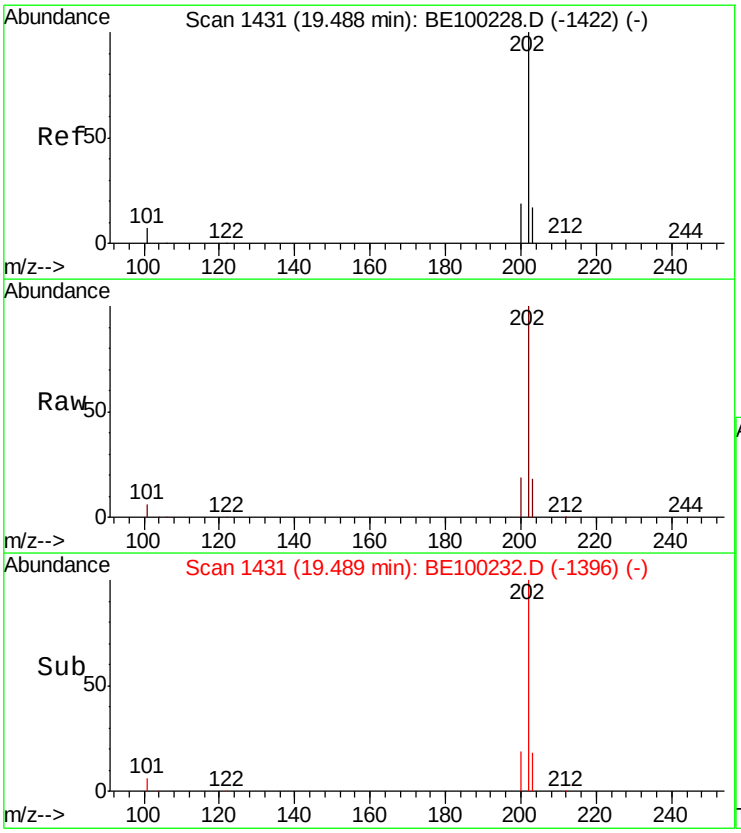
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9550

Ion	Ratio	Lower	Upper
240	100		
120	2.8	3.3	4.9#
236	26.8	22.6	34.0

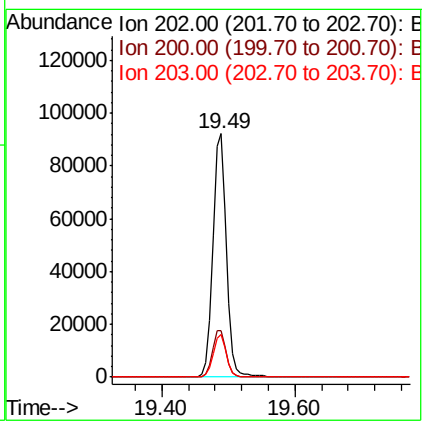


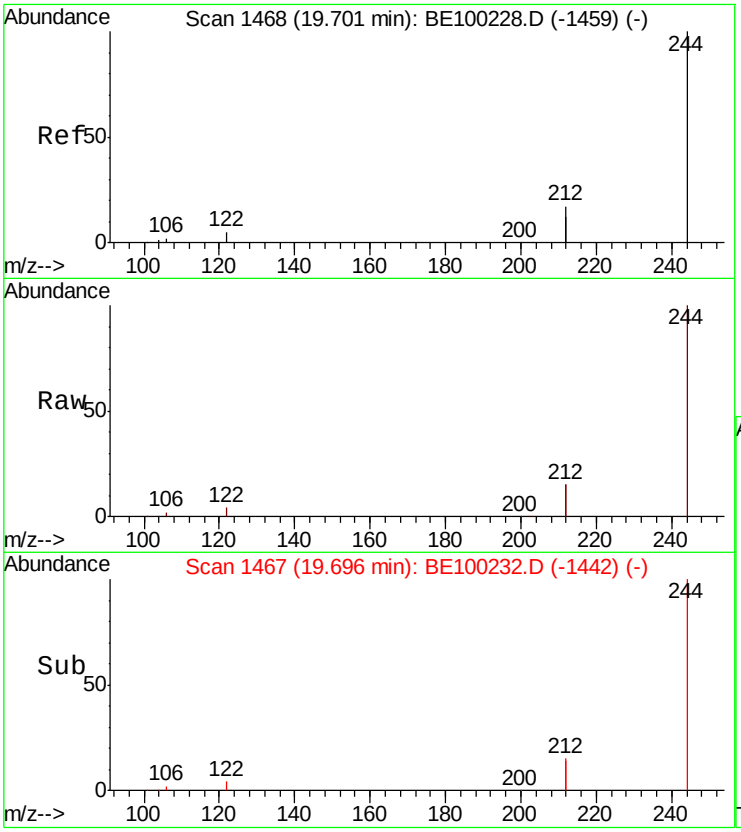


#28
Pyrene
Concen: 5.242 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:202 Resp: 128192

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.5	14.0	21.0



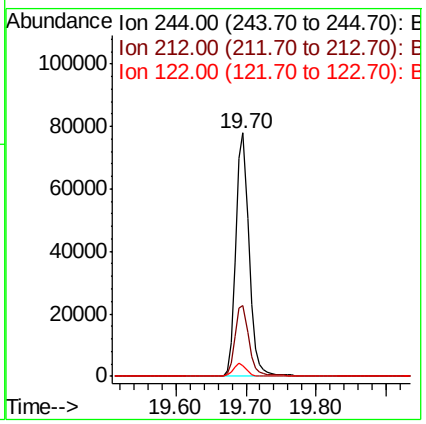


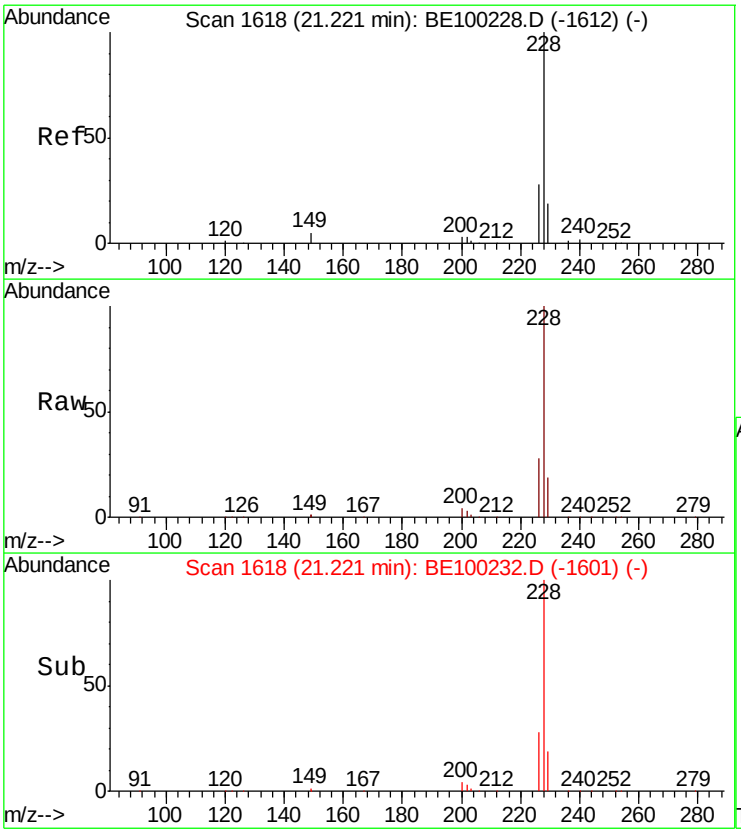
#29
Terphenyl-d14
Concen: 5.366 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 100627

Ion	Ratio	Lower	Upper
244	100		
212	29.2	27.3	40.9
122	4.5	4.7	7.1#

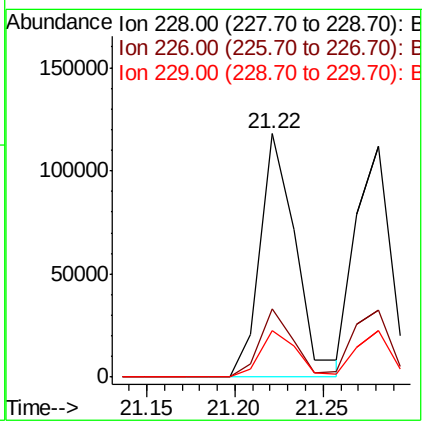


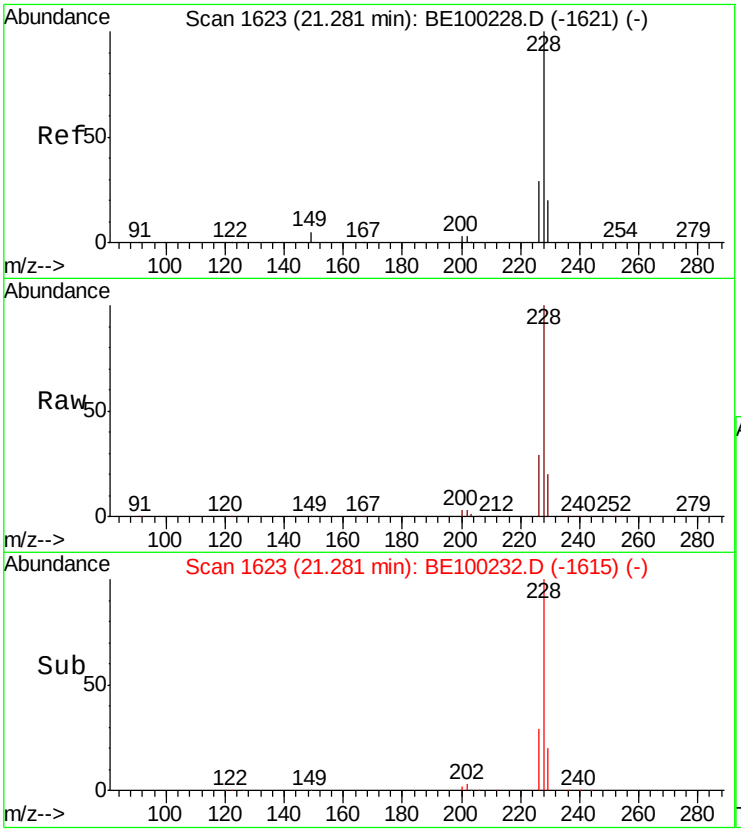


#30
Benzo(a)anthracene
Concen: 5.863 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:228 Resp: 165084

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.2	34.8
229	19.3	15.7	23.5



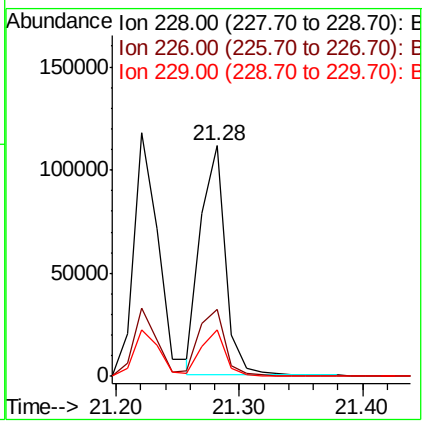


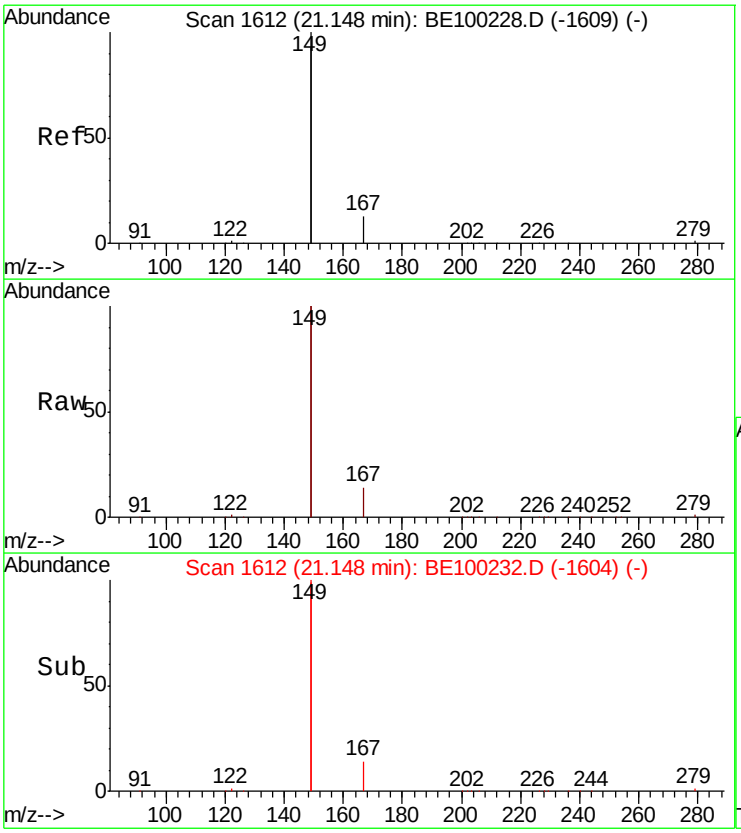
#31
Chrysene
Concen: 4.737 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 156441

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	20.1	16.5	24.7

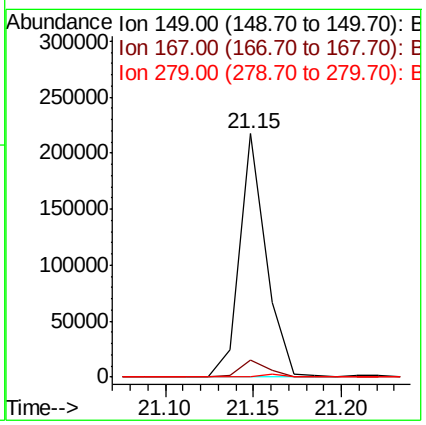


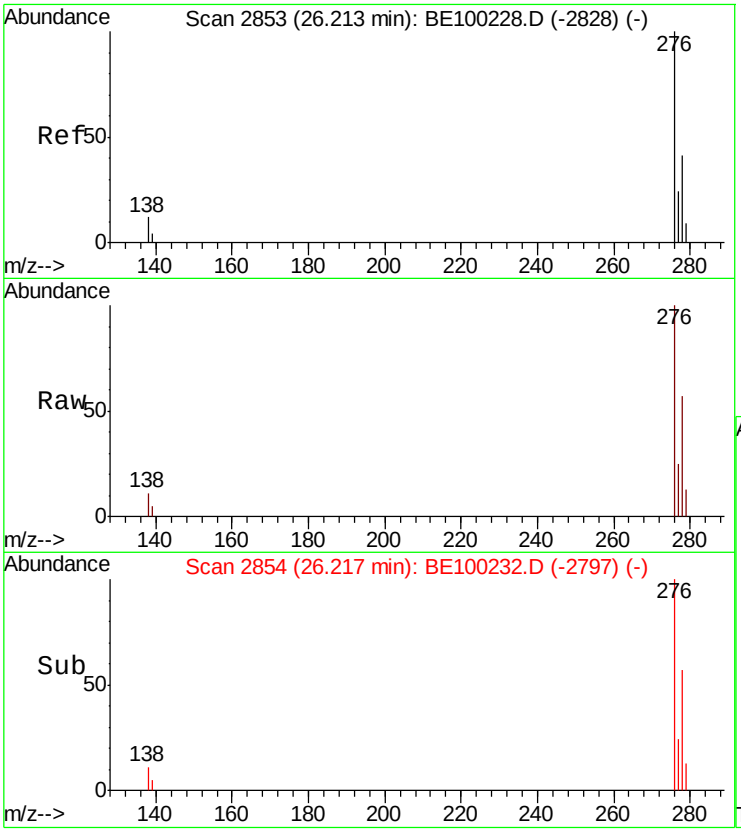


#32
Bis(2-ethylhexyl)phthalate
Concen: 6.979 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:149 Resp: 225853

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.4	1.1	1.7



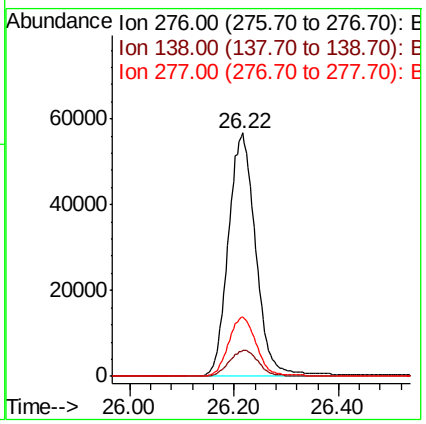


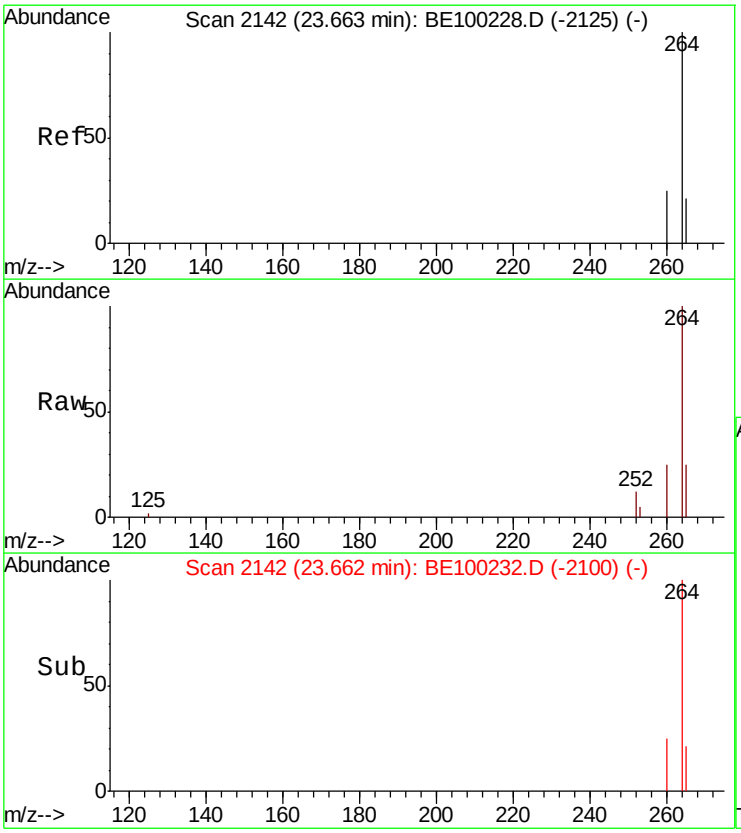
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.376 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 205718

Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.4	14.0
277	24.7	19.2	28.8

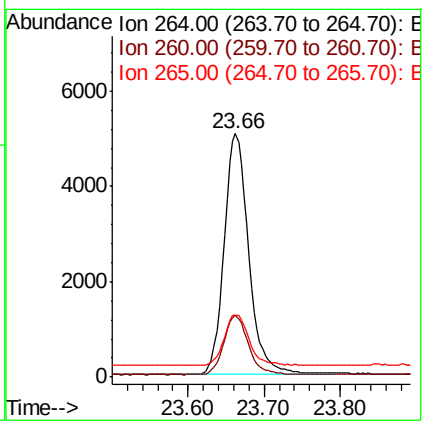


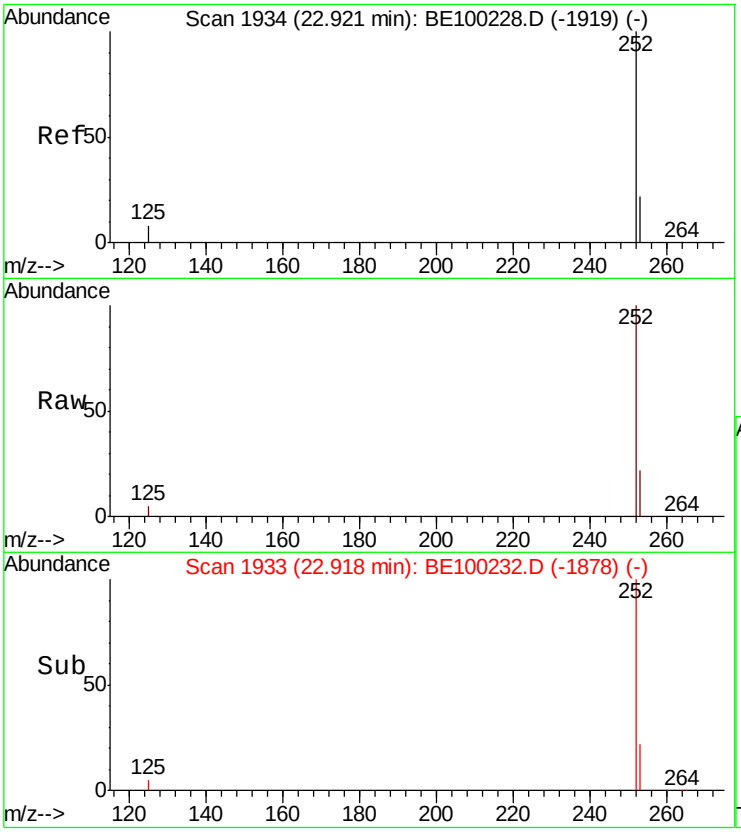


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:264 Resp: 11384

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.8	31.2
265	25.5	21.8	32.6



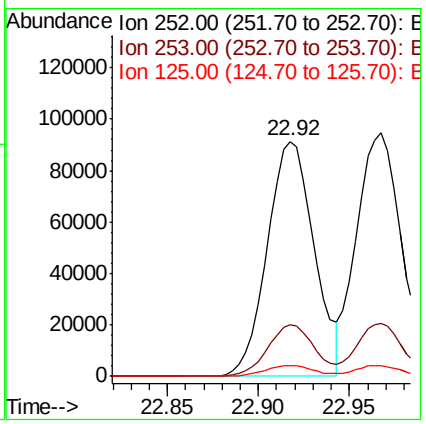


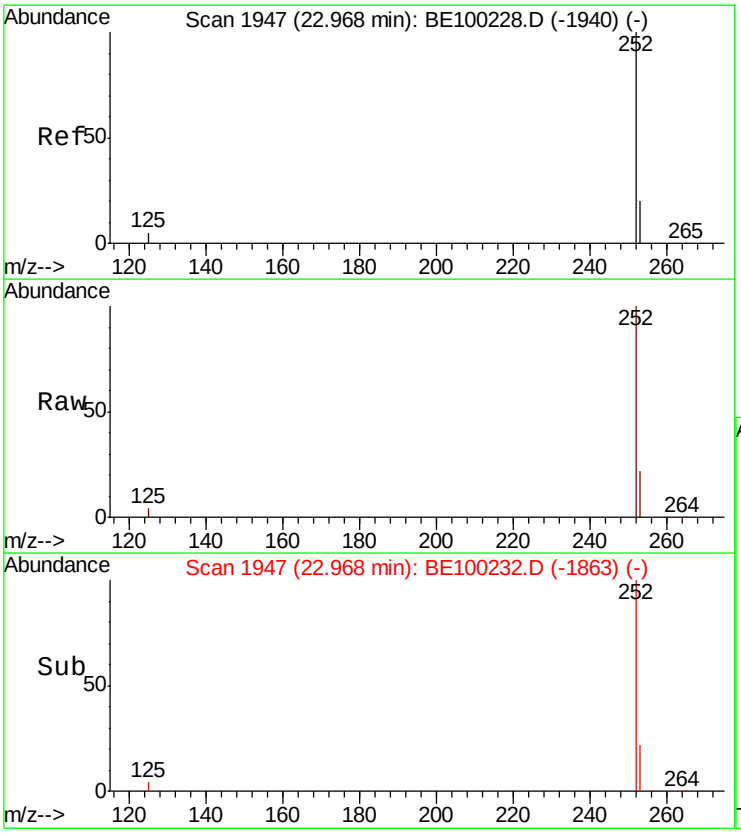
#35
Benzo(b)fluoranthene
Concen: 5.315 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 162729

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	4.7	7.4	11.0#

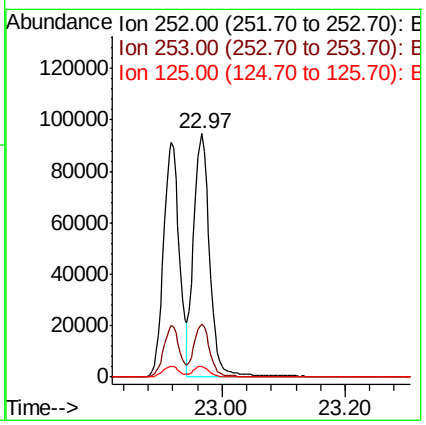


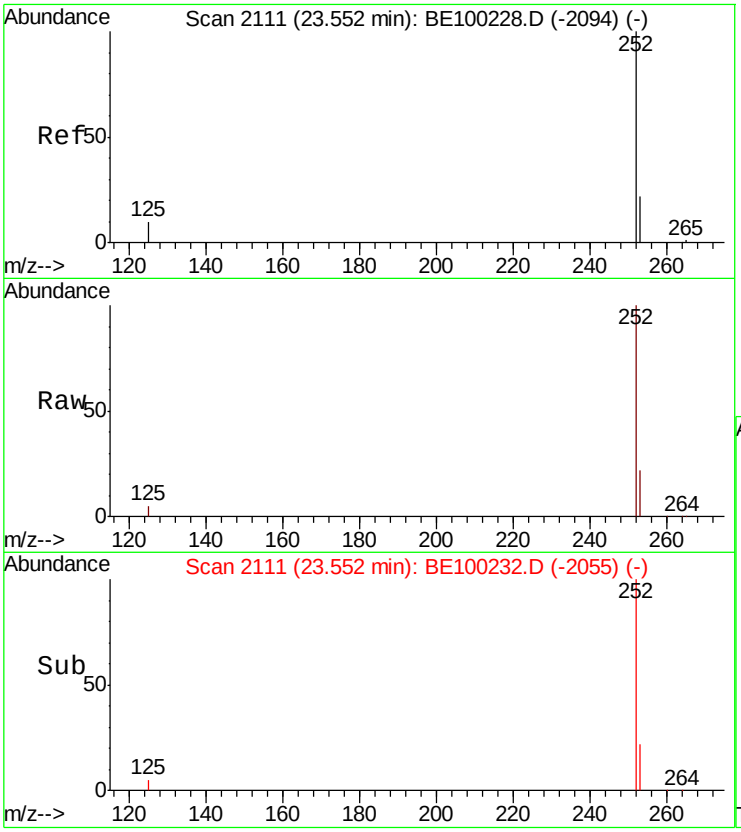


#36
Benzo(k)fluoranthene
Concen: 4.672 ng
RT: 22.97 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:252 Resp: 171178

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	4.5	5.0	7.4#



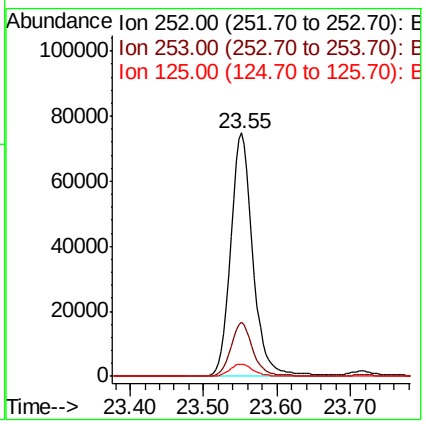


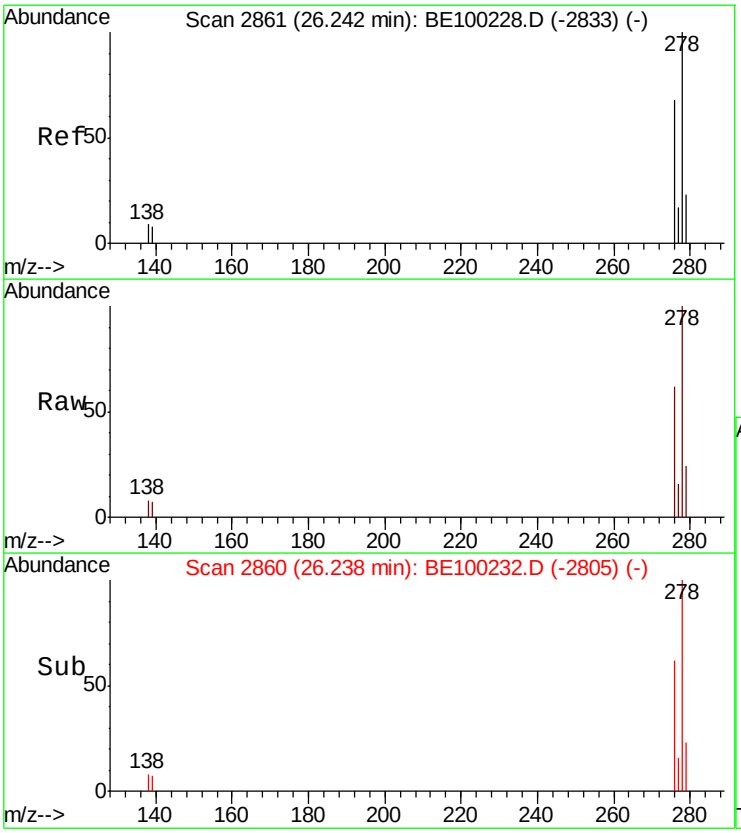
#37
Benzo(a)pyrene
Concen: 4.944 ng
RT: 23.55 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 156844

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.6	29.4
125	5.1	9.0	13.6#

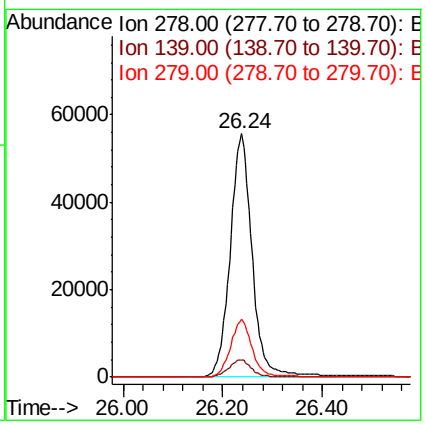


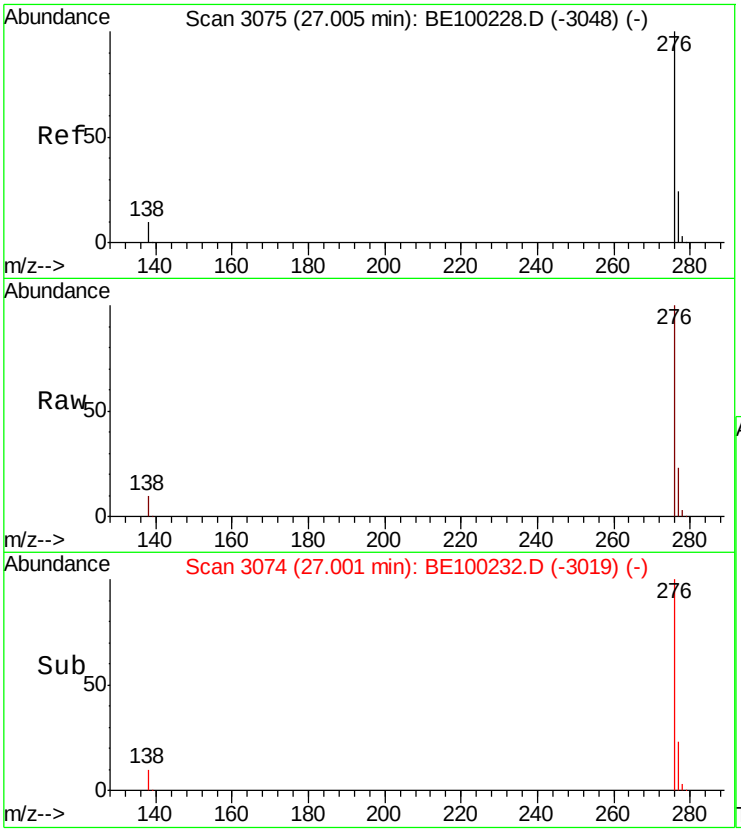


#38
Dibenzo(a,h)anthracene
Concen: 5.005 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Tgt Ion:278 Resp: 169836

Ion	Ratio	Lower	Upper
278	100		
139	7.2	8.2	12.2#
279	23.6	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 4.712 ng
RT: 27.00 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BE100232.D
Acq: 28 Jun 2019 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 166947

Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.2	30.2
138	9.8	9.0	13.6