Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100233.D
Acq On : 28 Jun 2019 14:06
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 18:41:11 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 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	597	0.40	ng	0.01
7) Naphthalene-d8	10.45	136	2133	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	1661	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	5172	0.40	ng	0.01
27) Chrysene-d12	21.24	240	7715	0.40	ng	0.00
34) Perylene-d12	23.67	264	9545	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	637	0.42	ng	0.01
5) Phenol-d6	6.84	99	783	0.39	ng	0.00
8) Nitrobenzene-d5	8.82	82	876	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	1618	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.82	330	467	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	2566	0.40	ng	0.01
25) Fluoranthene-d10	19.10	212	30423	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	6528	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	363	0.392	ng	94
3) n-Nitrosodimethylamine	3.46	42	175	0.405	ng	79
6) bis(2-Chloroethyl)ether	7.09	93	715	0.435	ng	95
9) Naphthalene	10.50	128	9501	0.404	ng	99
10) Hexachlorobutadiene	10.77	225	916	0.404	ng	95
12) 2-Methylnaphthalene	12.14	142	1588	0.385	ng	99
16) Acenaphthylene	14.05	152	3221	0.404	ng	98
17) Acenaphthene	14.38	154	1835	0.406	ng	97
18) Fluorene	15.37	166	2749	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	1296	0.393	ng	92
21) Hexachlorobenzene	16.37	284	1403	0.409	ng	96
22) Pentachlorophenol	16.75	266	365	0.354	ng	96
23) Phenanthrene	17.11	178	5161	0.412	ng	100
24) Anthracene	17.20	178	4598	0.407	ng	99
26) Fluoranthene	19.13	202	8199	0.411	ng	100
28) Pyrene	19.49	202	8456	0.414	ng	100
30) Benzo(a)anthracene	21.23	228	10328	0.407	ng	97
31) Chrysene	21.28	228	10823	0.425	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	16602	0.405	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	13819	0.410	ng	99
35) Benzo(b)fluoranthene	22.93	252	10731	0.415	ng	98
36) Benzo(k)fluoranthene	22.98	252	12112	0.419	ng	99
37) Benzo(a)pyrene	23.56	252	10924	0.421	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	10728	0.396	ng	100
39) Benzo(g,h,i)perylene	27.01	276	11222	0.403	ng	99

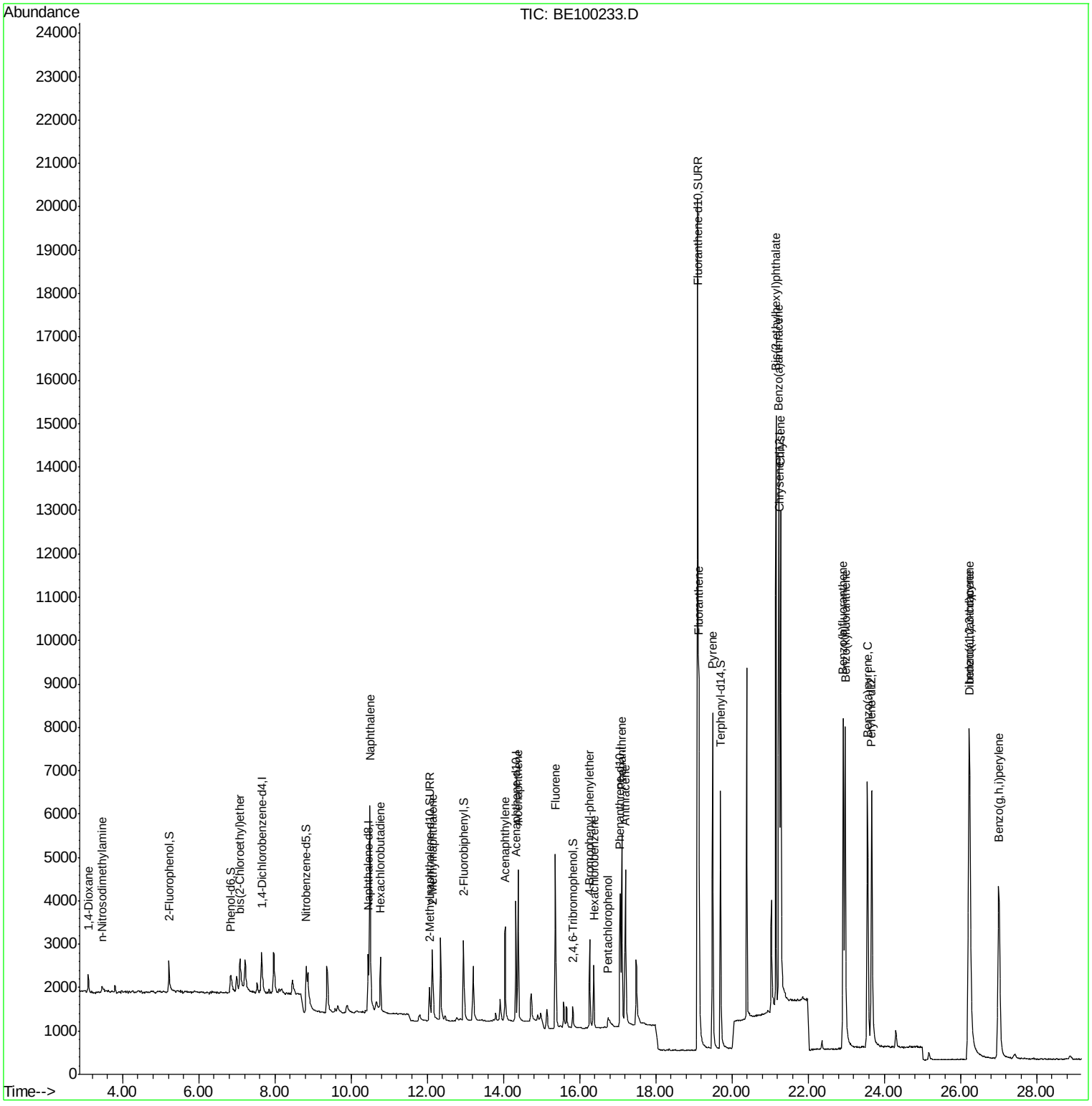
(#) = qualifier out of range (m) = manual integration (+) = signals summed

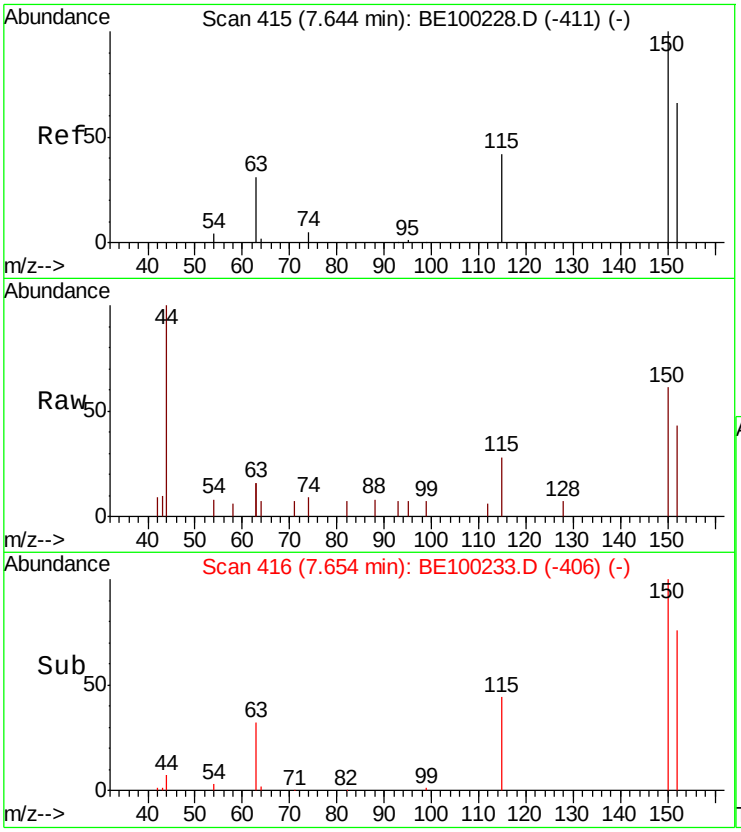
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100233.D
Acq On : 28 Jun 2019 14:06
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 18:41:11 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 14:06:53 2019
Response via : Initial Calibration



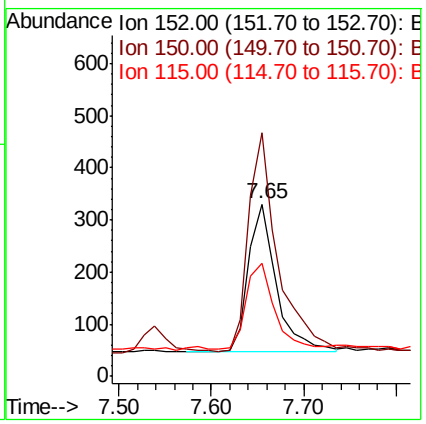


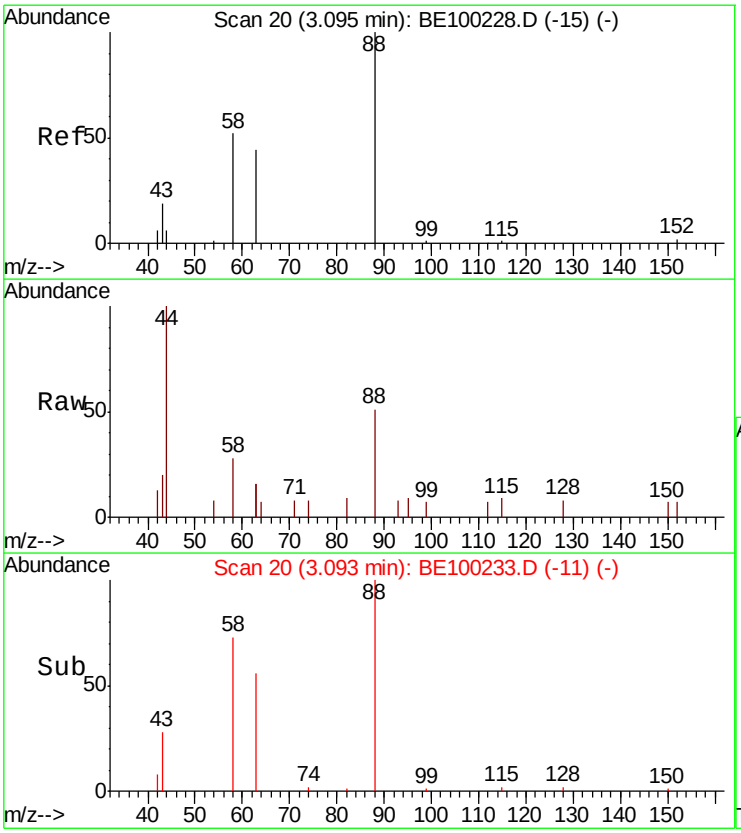
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 597

Ion	Ratio	Lower	Upper
152	100		
150	141.5	114.5	171.7
115	65.5	57.1	85.7

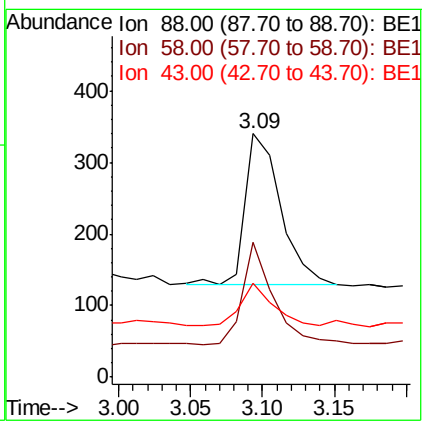


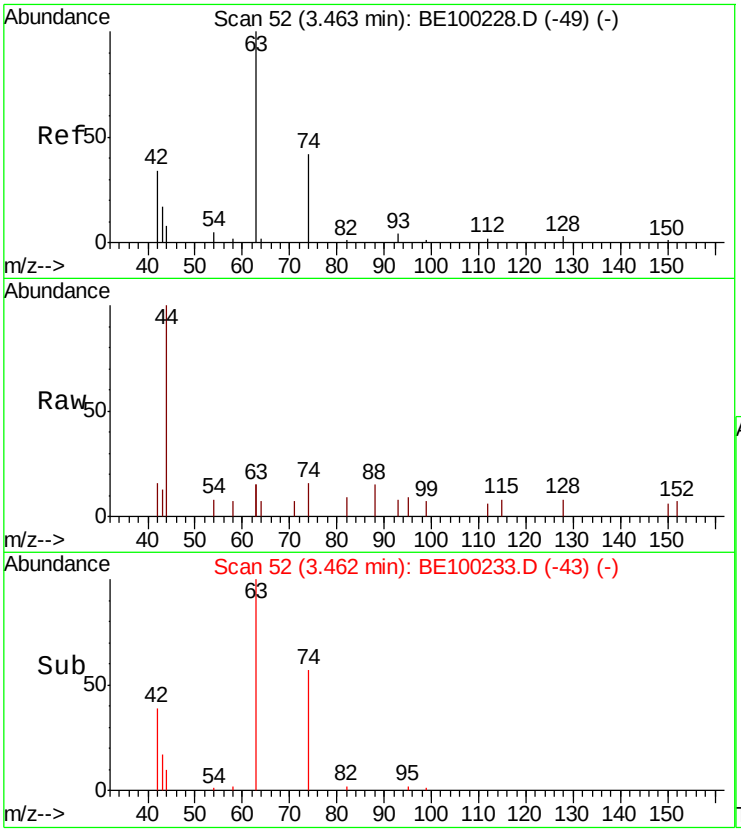


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion: 88 Resp: 363

Ion	Ratio	Lower	Upper
88	100		
58	59.5	43.6	65.4
43	25.3	21.4	32.0



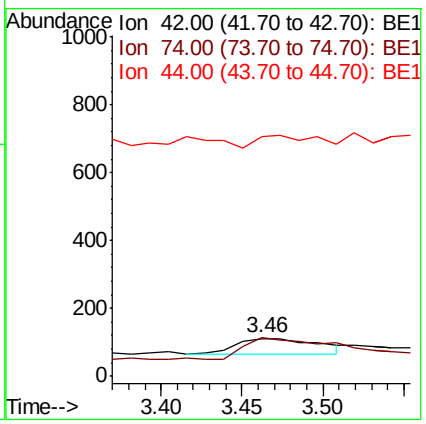


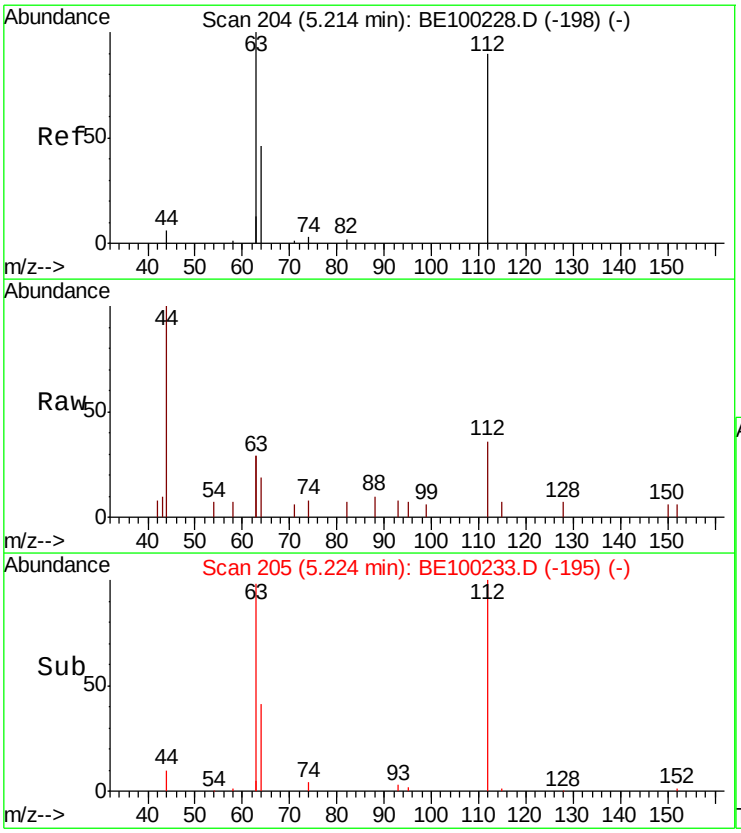
#3
n-Nitrosodimethylamine
Concen: 0.405 ng
RT: 3.46 min Scan# 52
Delta R.T. -0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 175

Ion	Ratio	Lower	Upper
42	100		
74	132.0	130.6	196.0
44	55.4	38.0	57.0

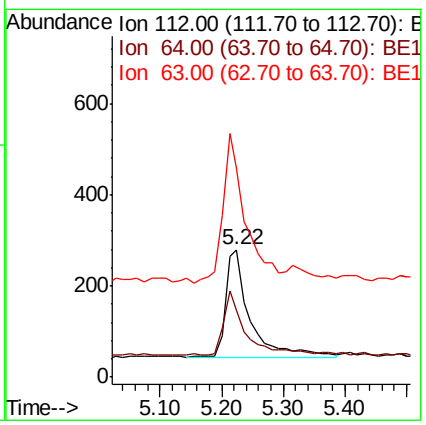


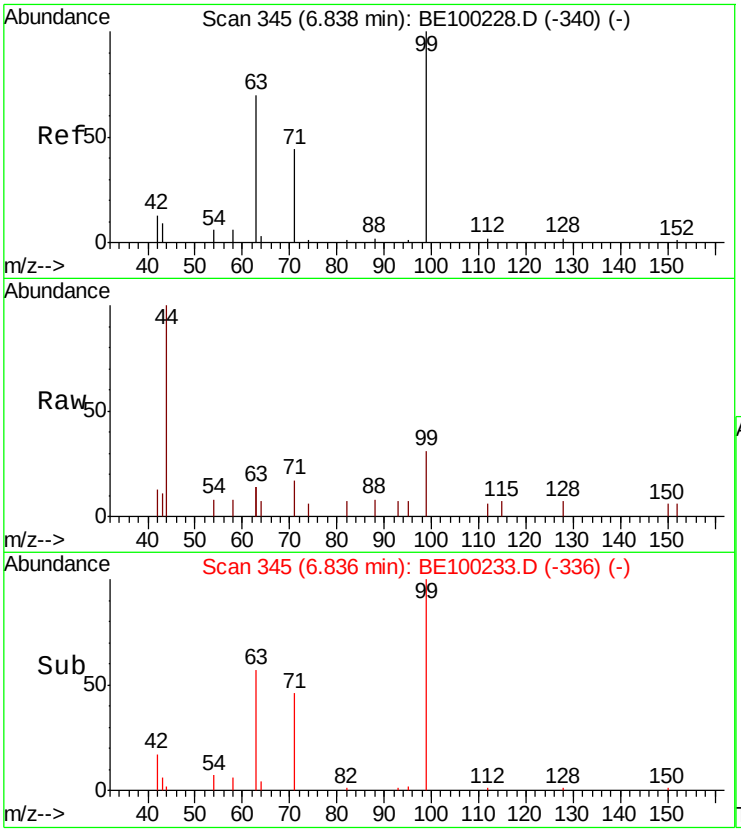


#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:112 Resp: 637

Ion	Ratio	Lower	Upper
112	100		
64	52.0	39.4	59.0
63	132.3	104.5	156.7



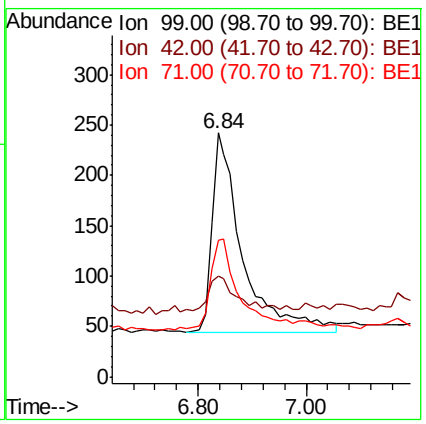


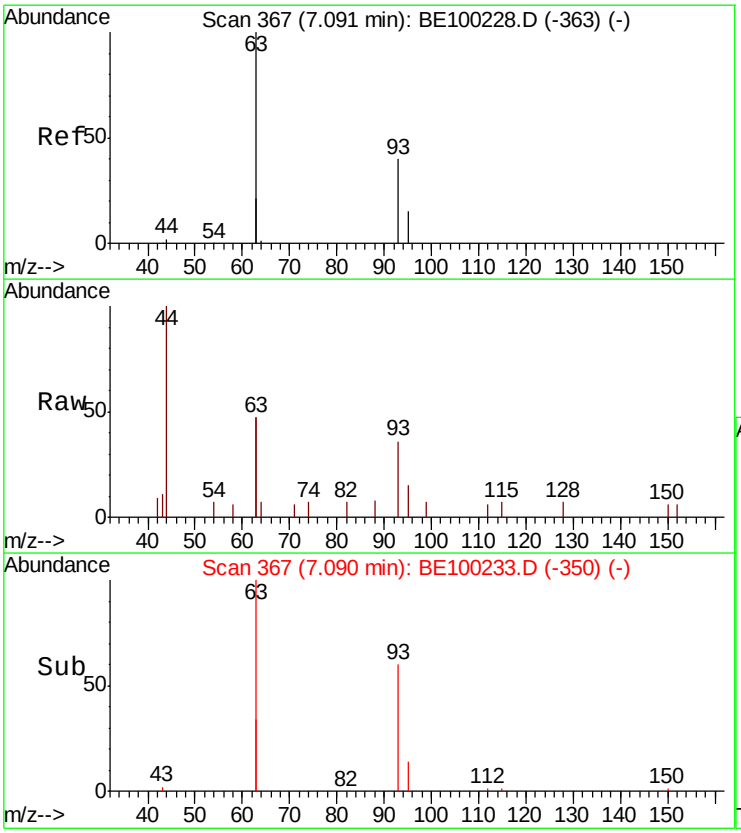
#5
Phenol-d6
Concen: 0.391 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 783

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.2	16.8
71	41.0	37.2	55.8

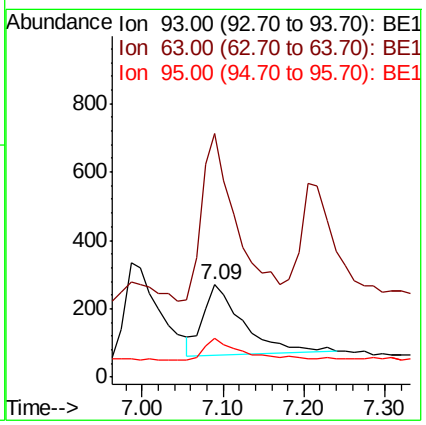


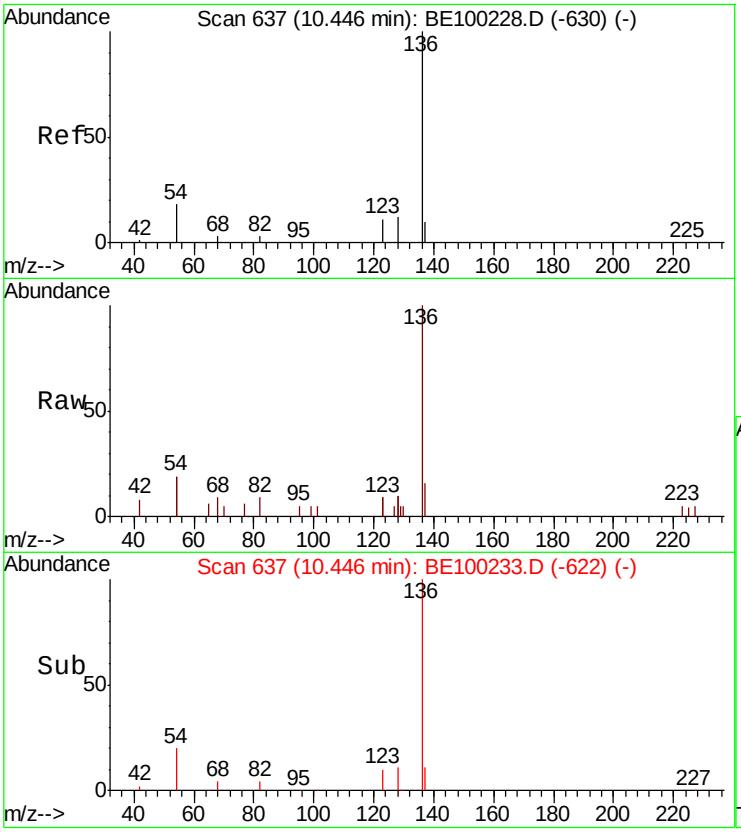


#6
bis(2-Chloroethyl)ether
Concen: 0.435 ng
RT: 7.09 min Scan# 367
Delta R.T. -0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion: 93 Resp: 715

Ion	Ratio	Lower	Upper
93	100		
63	202.9	155.6	233.4
95	29.5	23.0	34.4



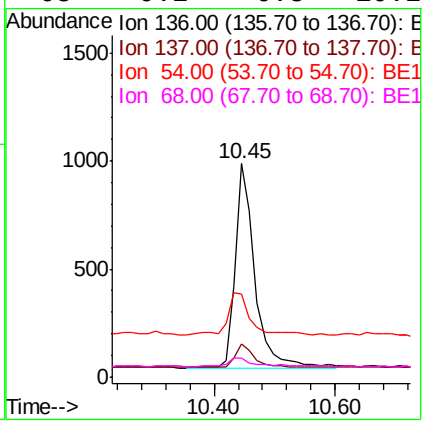


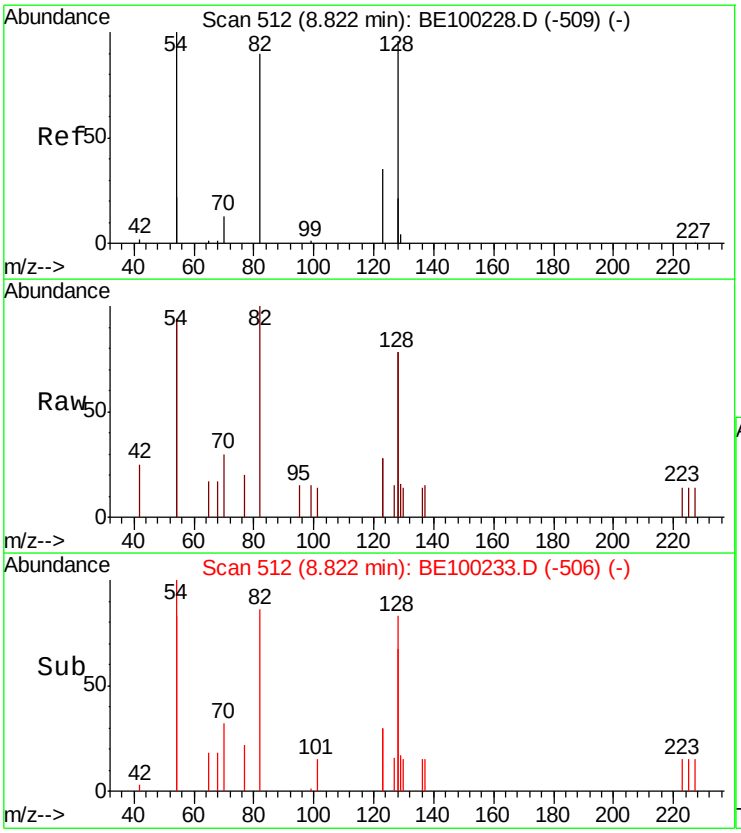
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2133

Ion	Ratio	Lower	Upper
136	100		
137	15.6	11.8	17.8
54	38.8	27.7	41.5
68	9.2	6.8	10.2

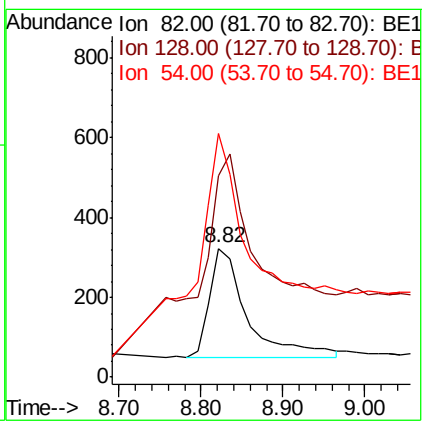


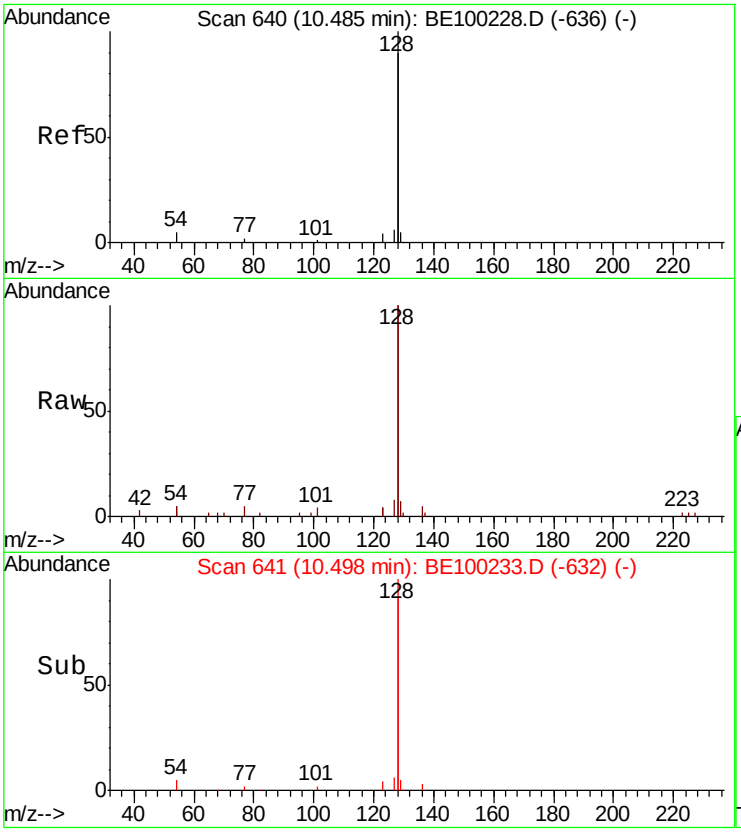


#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 8.82 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion: 82 Resp: 876

Ion	Ratio	Lower	Upper
82	100		
128	156.0	140.9	211.3
54	188.9	146.2	219.2



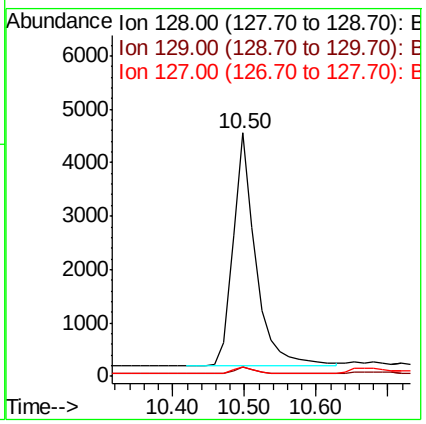


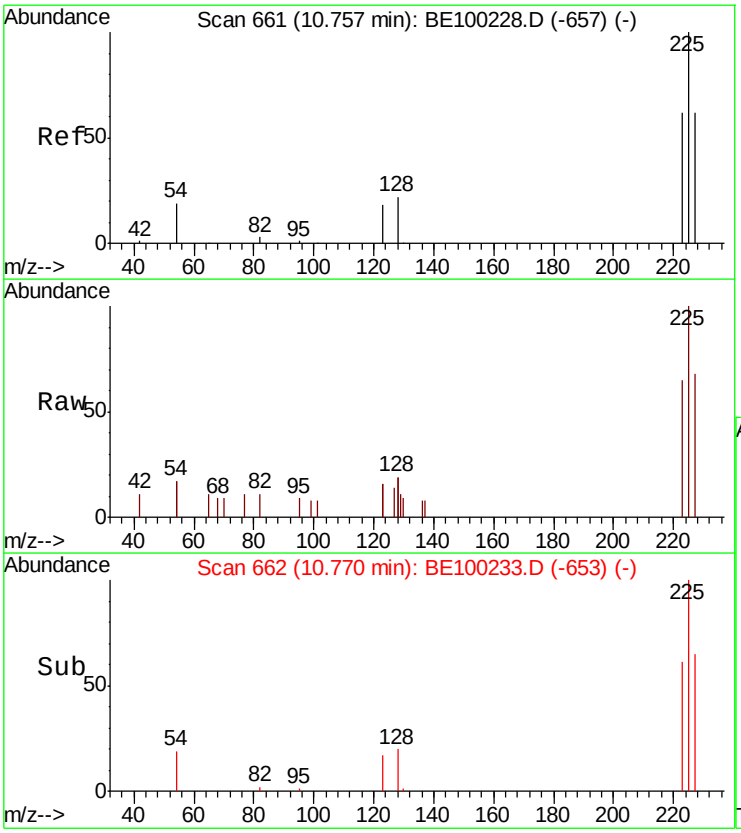
#9
Naphthalene
Concen: 0.404 ng
RT: 10.50 min Scan# 641
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9501

Ion	Ratio	Lower	Upper
128	100		
129	3.6	3.0	4.6
127	3.9	3.5	5.3

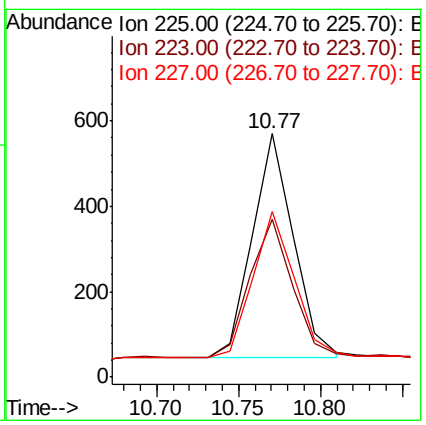


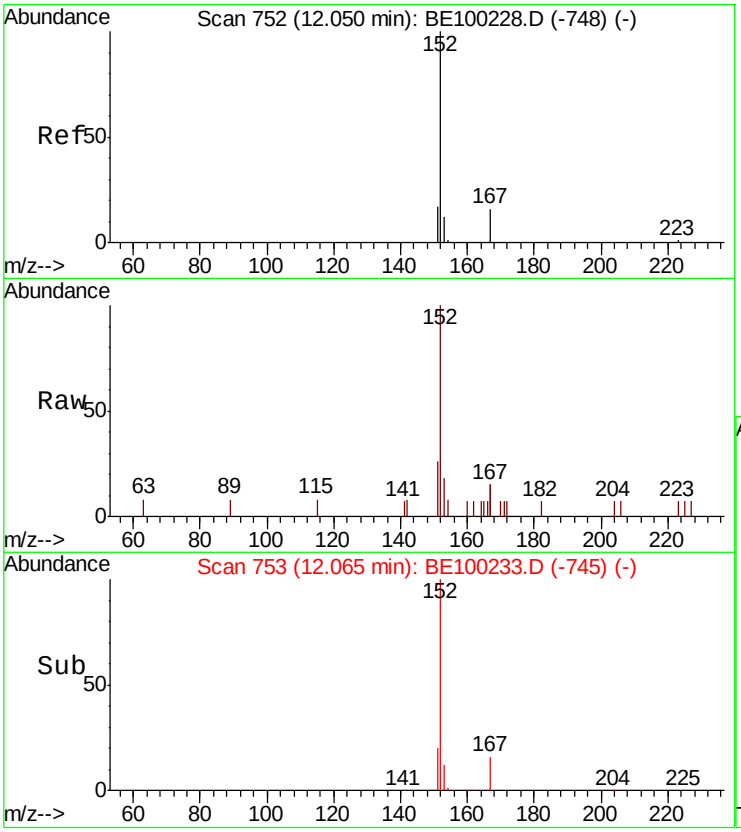


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 10.77 min Scan# 662
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:225 Resp: 916

Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.1	73.7
227	65.8	49.3	73.9



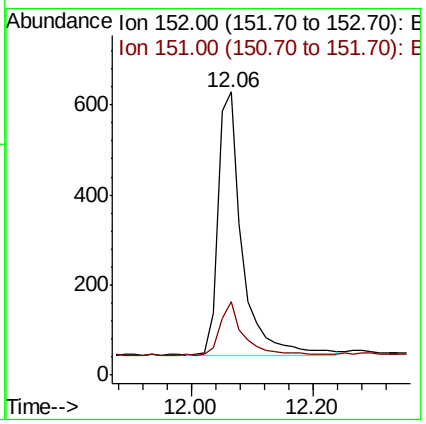


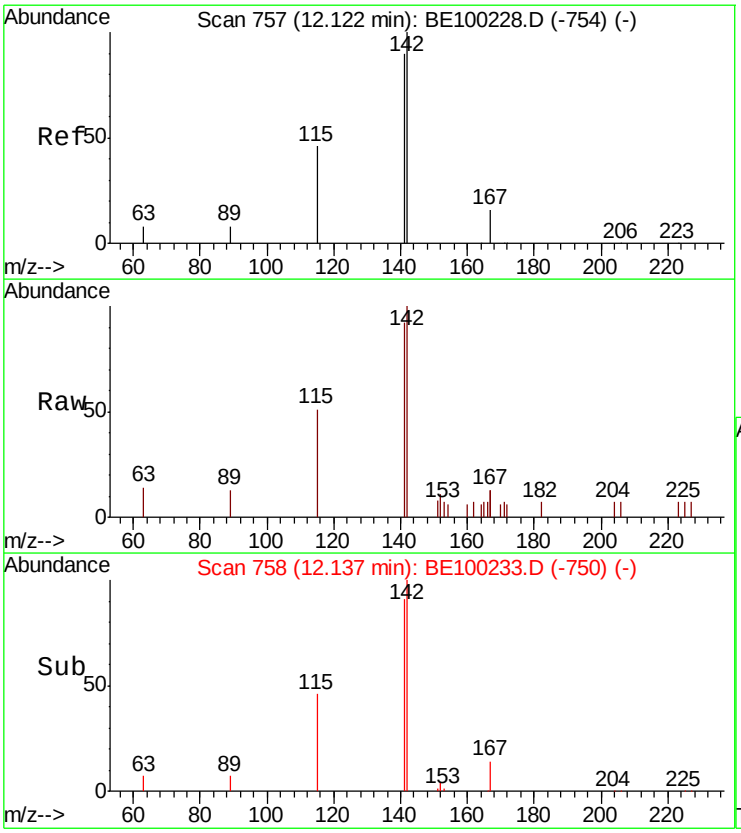
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.06 min Scan# 753
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1618

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

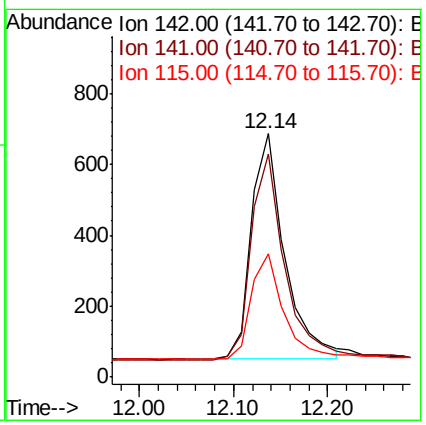


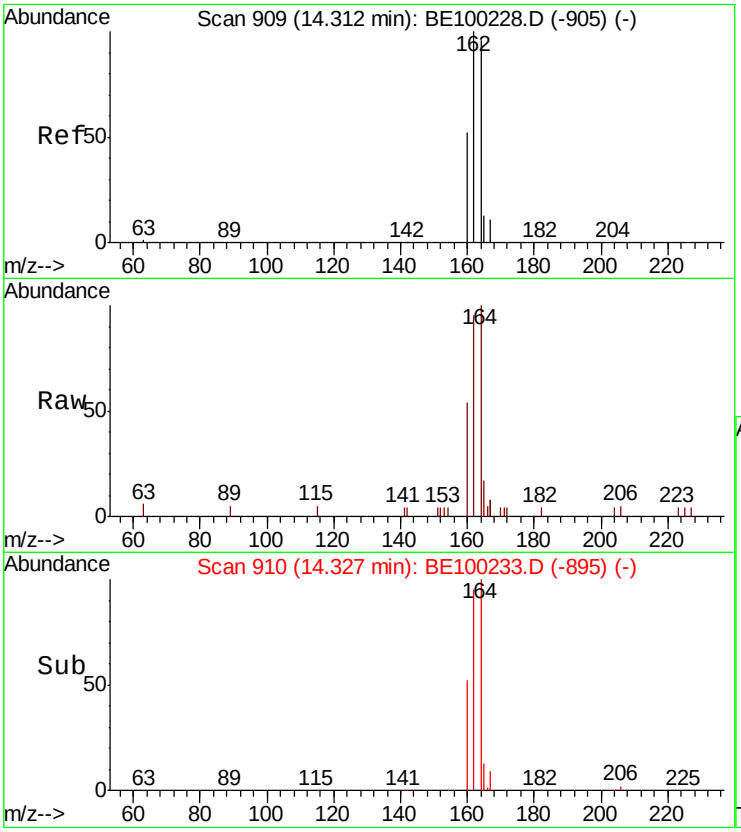


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:142 Resp: 1588

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.4	108.6
115	50.5	40.4	60.6



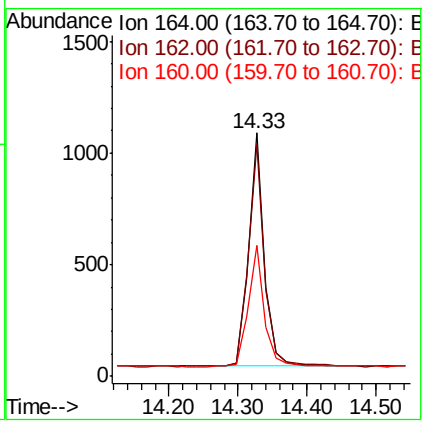


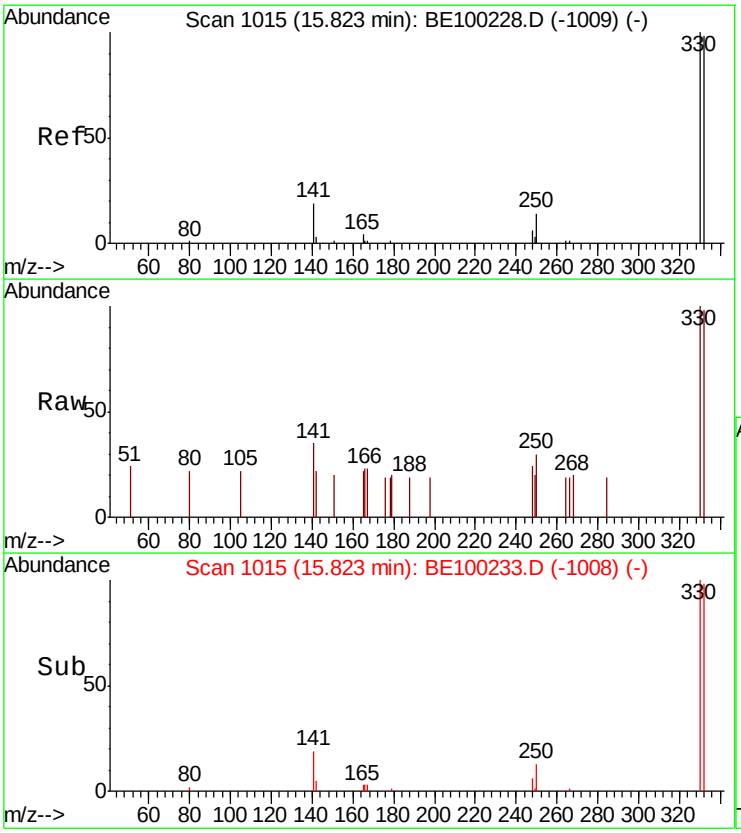
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1661

Ion	Ratio	Lower	Upper
164	100		
162	95.1	83.4	125.0
160	54.0	45.0	67.6

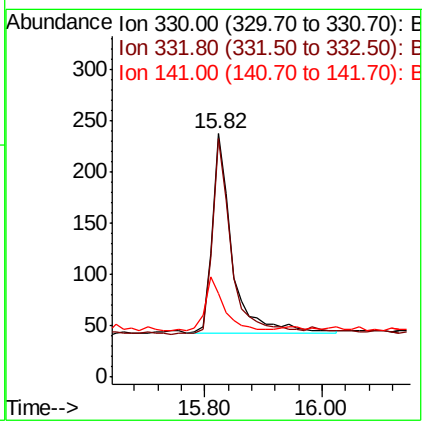


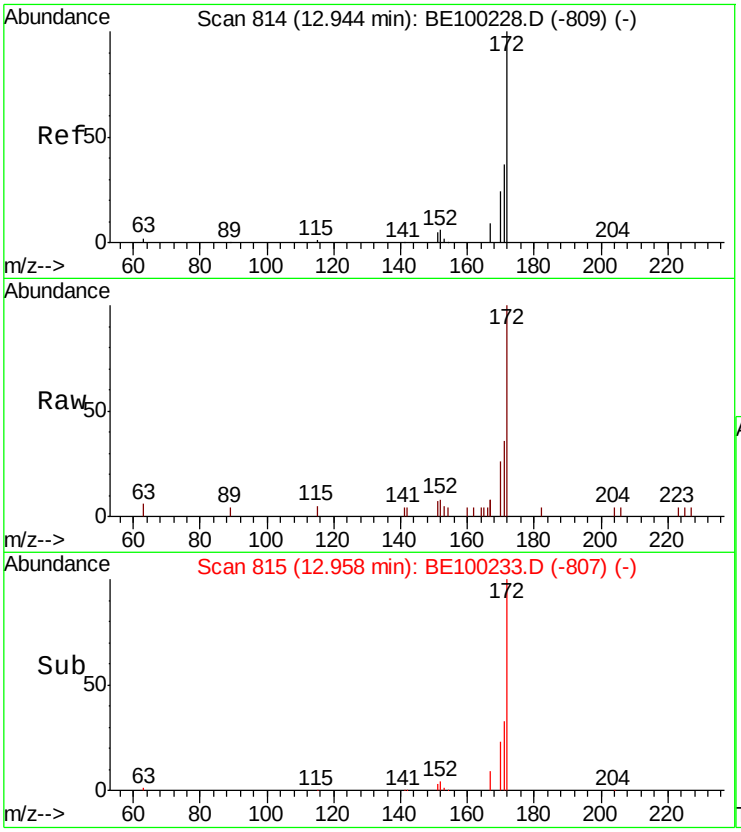


#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.82 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:330 Resp: 467

Ion	Ratio	Lower	Upper
330	100		
332	91.2	77.0	115.4
141	24.0	22.0	33.0



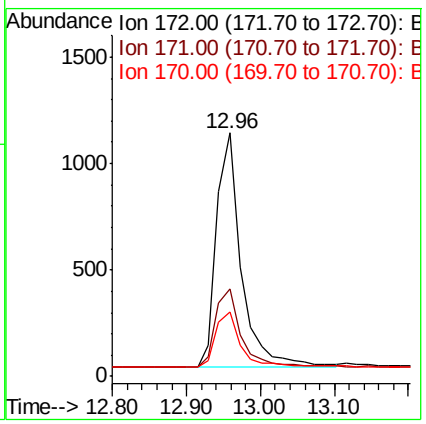


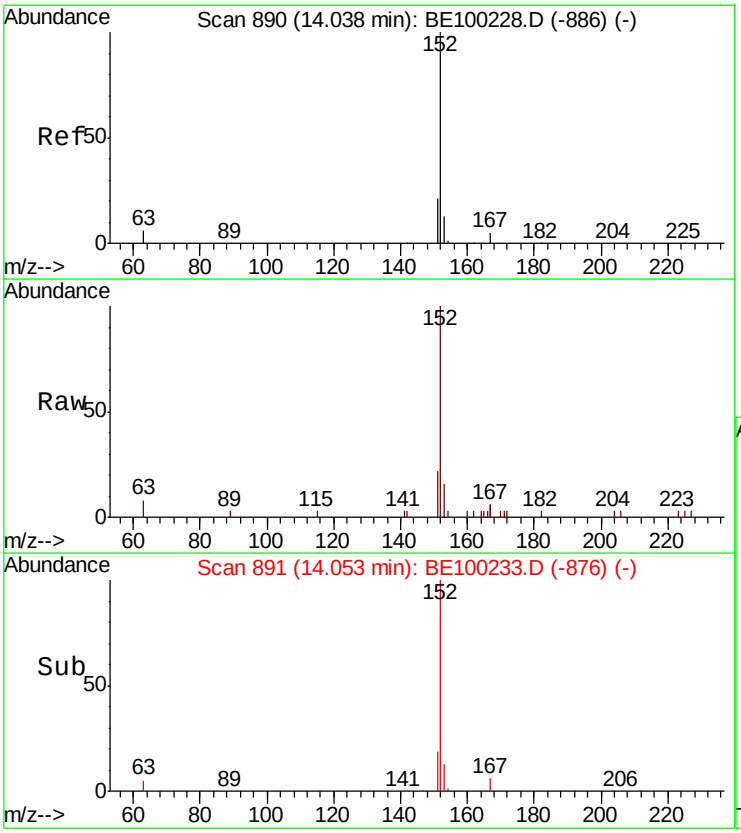
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2566

Ion	Ratio	Lower	Upper
172	100		
171	35.9	31.9	47.9
170	26.3	22.2	33.2

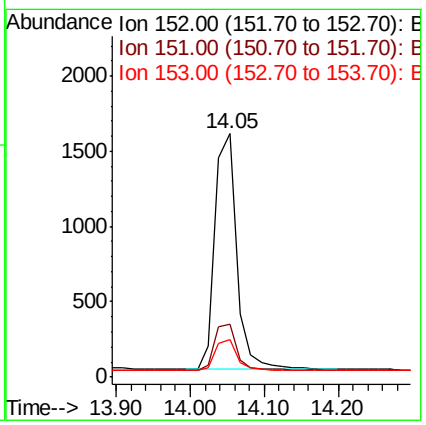


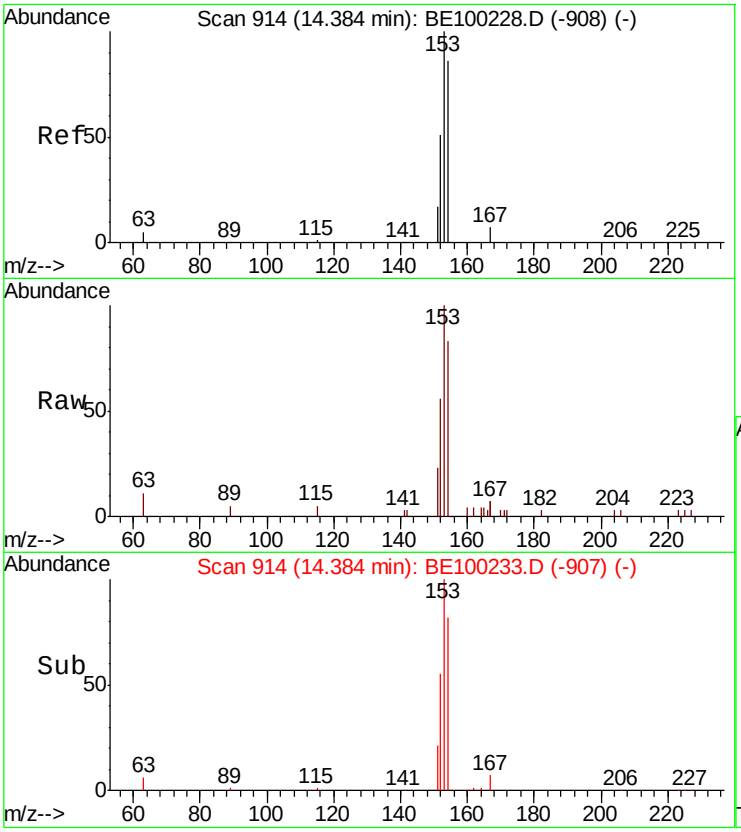


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.05 min Scan# 891
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:152 Resp: 3221

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.6	25.0
153	13.6	10.5	15.7



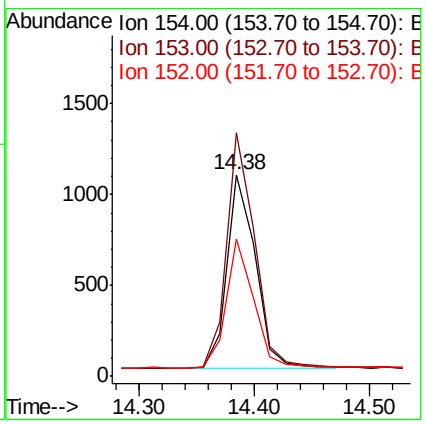


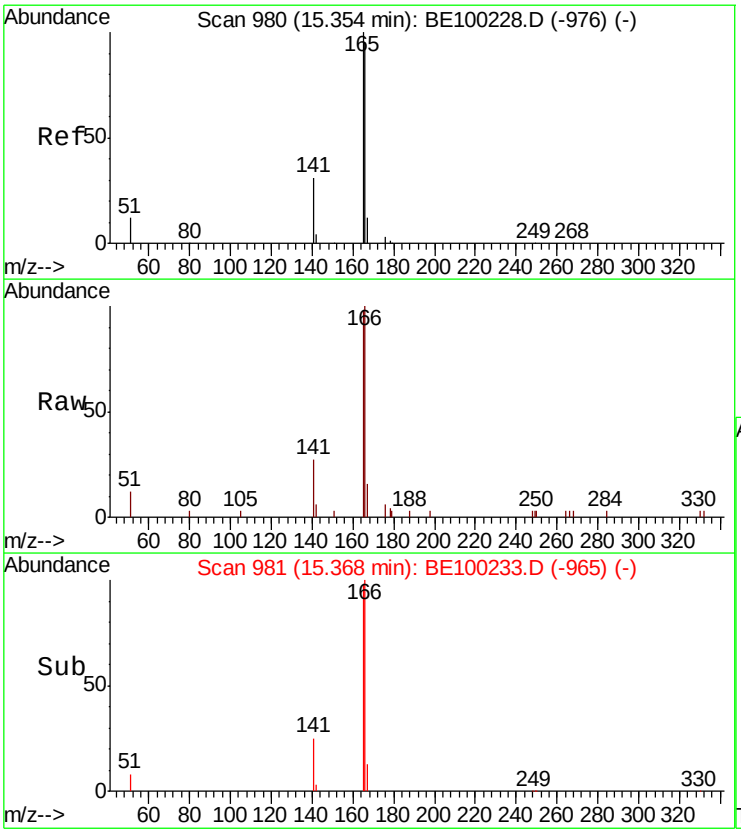
#17
Acenaphthene
Concen: 0.406 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1835

Ion	Ratio	Lower	Upper
154	100		
153	119.8	93.4	140.2
152	63.7	49.4	74.2

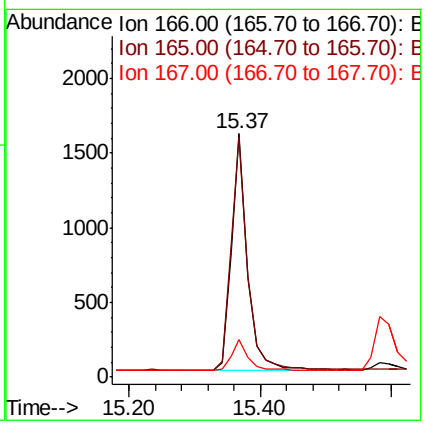


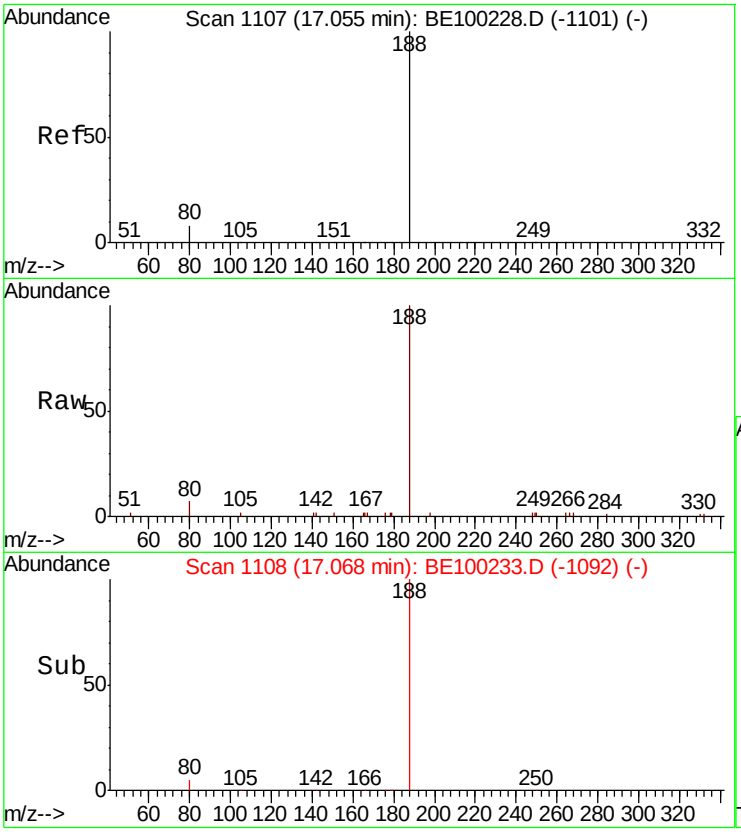


#18
Fluorene
Concen: 0.412 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:166 Resp: 2749

Ion	Ratio	Lower	Upper
166	100		
165	100.7	81.1	121.7
167	13.4	10.7	16.1



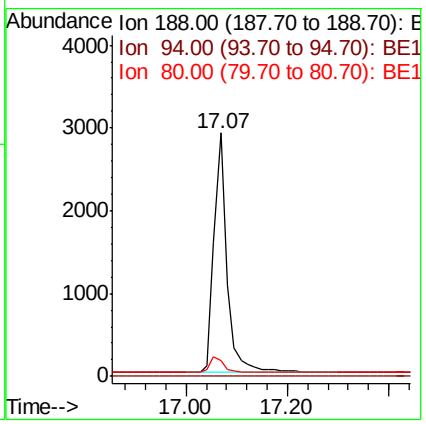


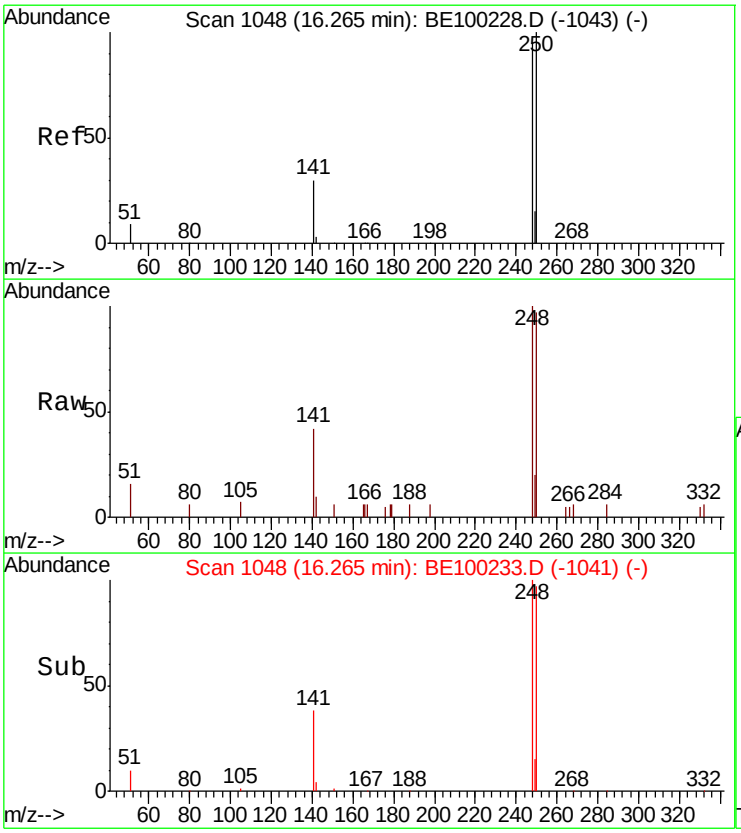
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5172

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	7.6	11.4#

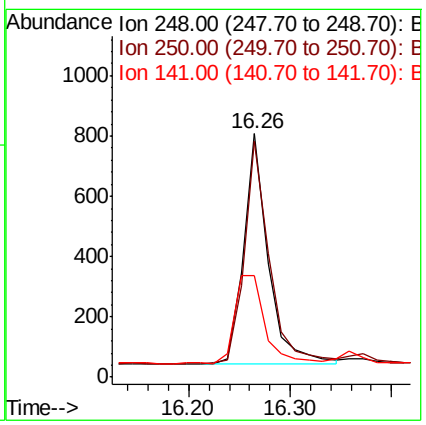


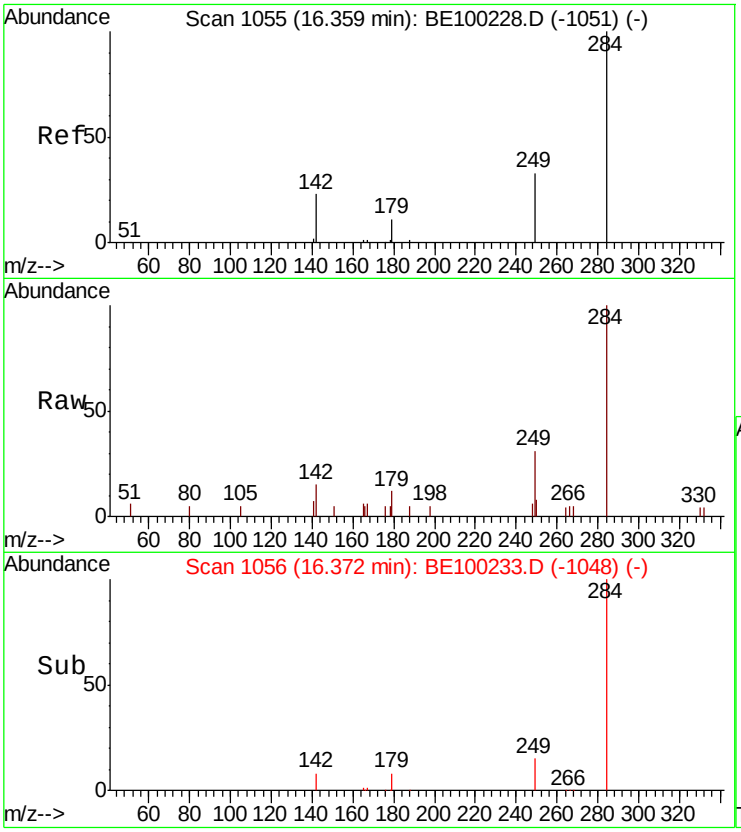


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.26 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:248 Resp: 1296

Ion	Ratio	Lower	Upper
248	100		
250	97.0	84.2	126.4
141	41.7	29.3	43.9



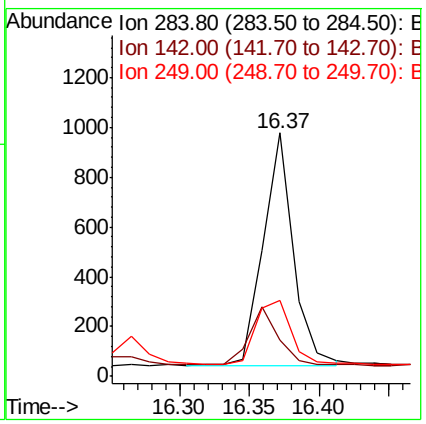


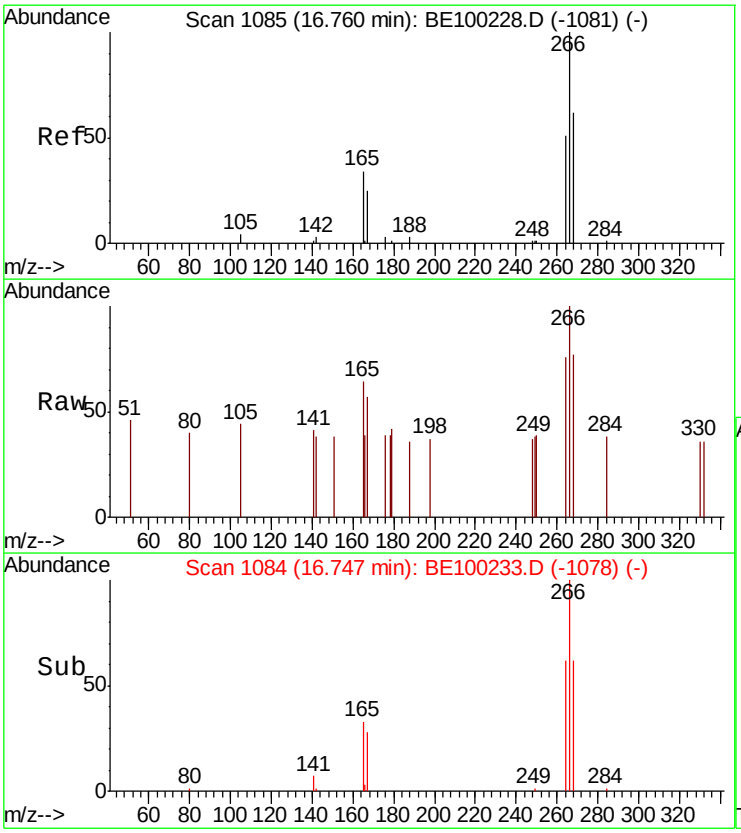
#21
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.37 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1403

Ion	Ratio	Lower	Upper
284	100		
142	24.2	18.8	28.2
249	33.1	23.7	35.5

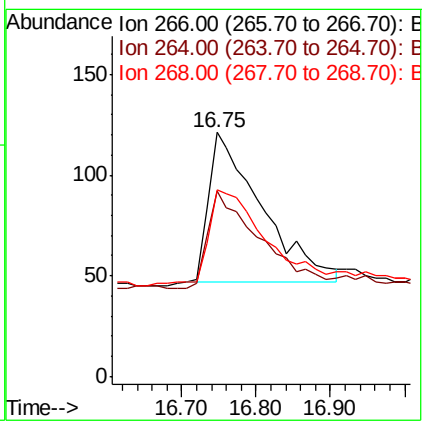


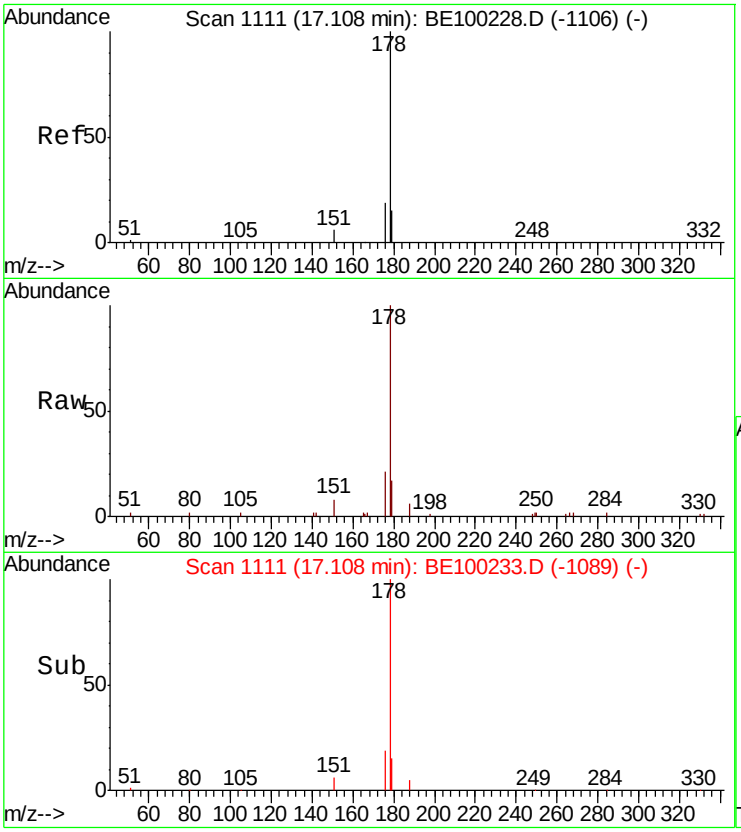


#22
Pentachlorophenol
Concen: 0.354 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:266 Resp: 365

Ion	Ratio	Lower	Upper
266	100		
264	76.0	56.2	84.2
268	76.9	61.8	92.6



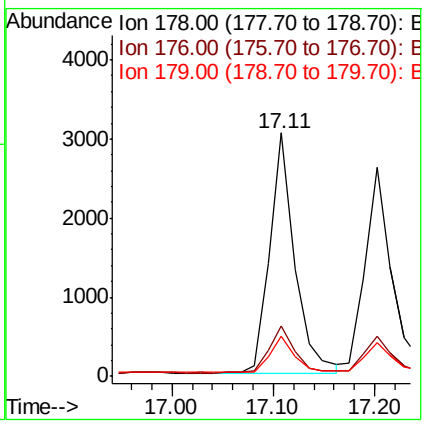


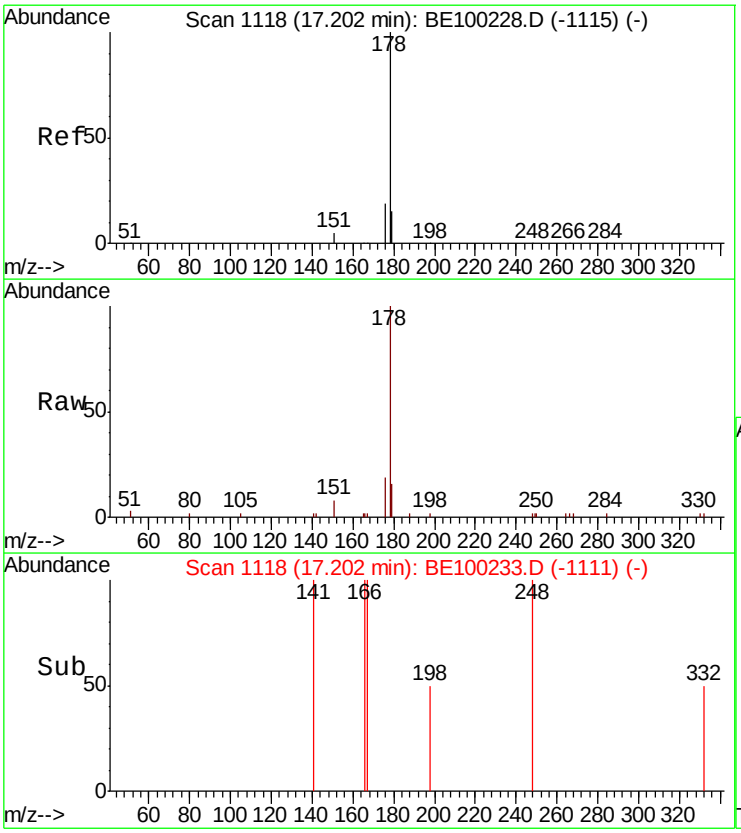
#23
Phenanthrene
Concen: 0.412 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5161

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.5	12.2	18.2

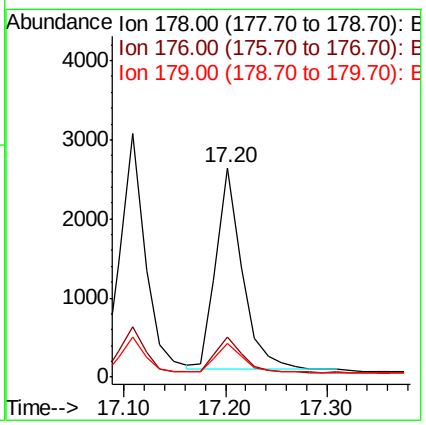


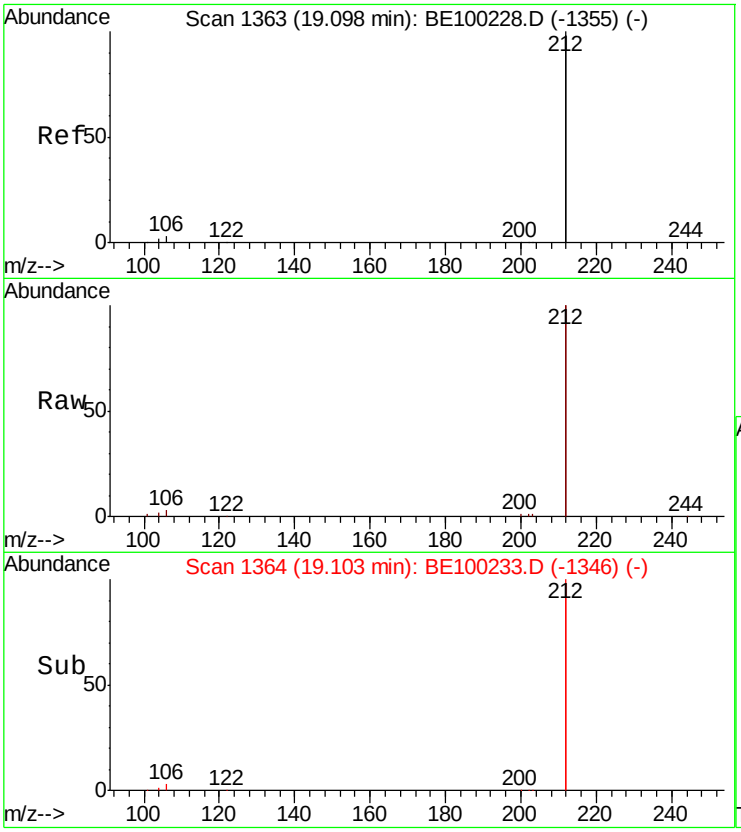


#24
Anthracene
Concen: 0.407 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:178 Resp: 4598

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	14.9	12.2	18.2



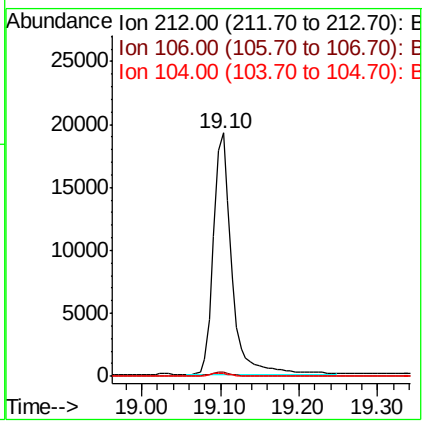


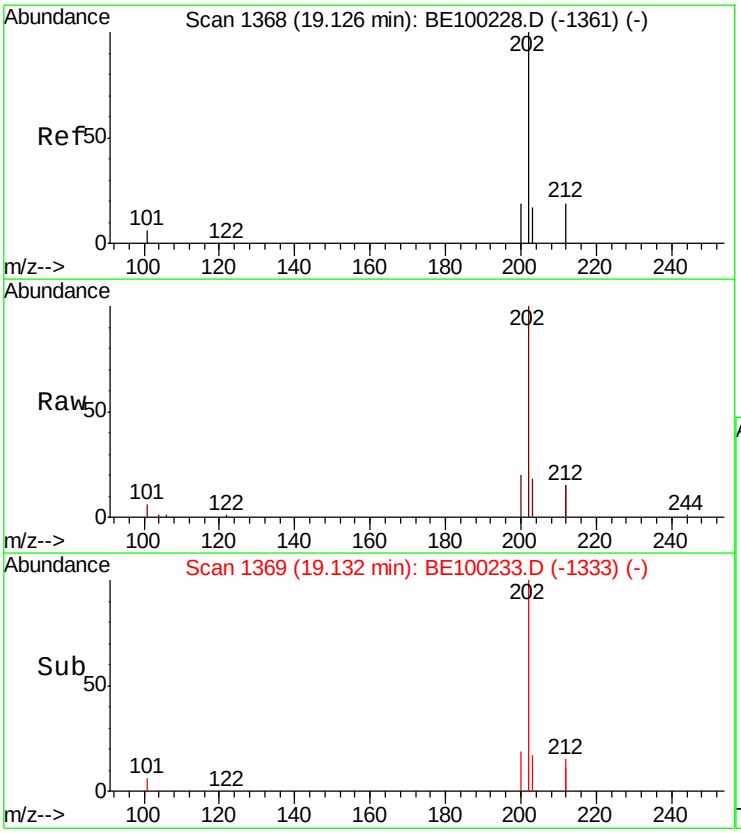
#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.10 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30423

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.8	1.2

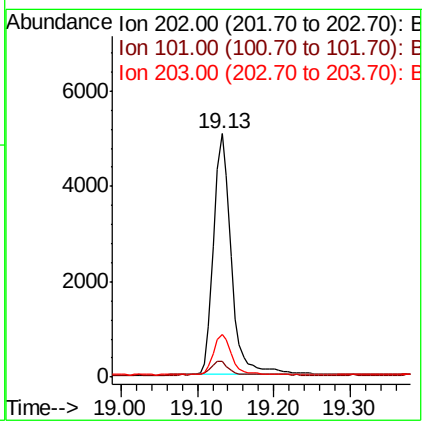


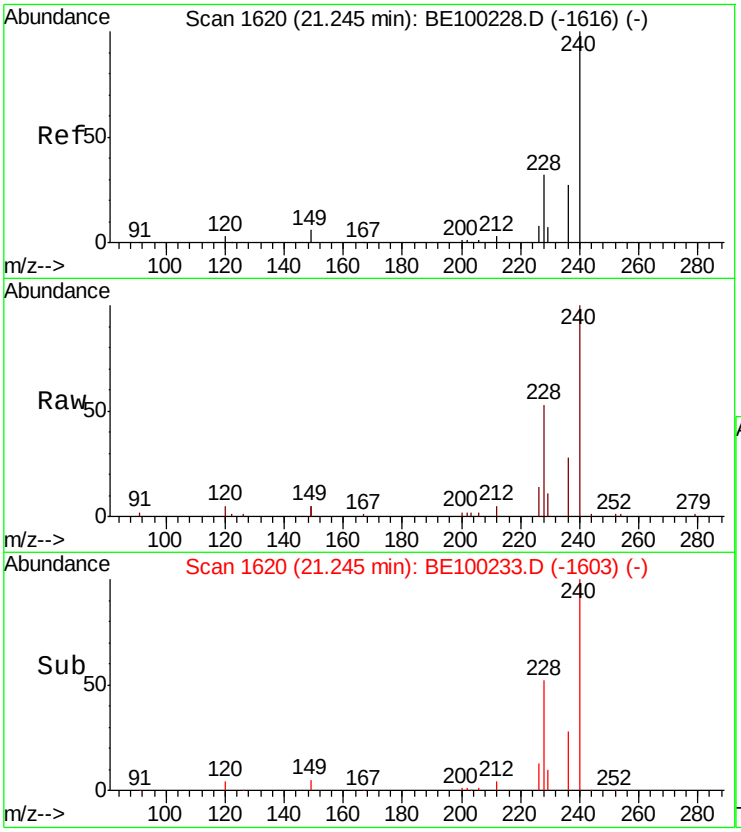


#26
Fluoranthene
Concen: 0.411 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:202 Resp: 8199

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	16.9	13.7	20.5



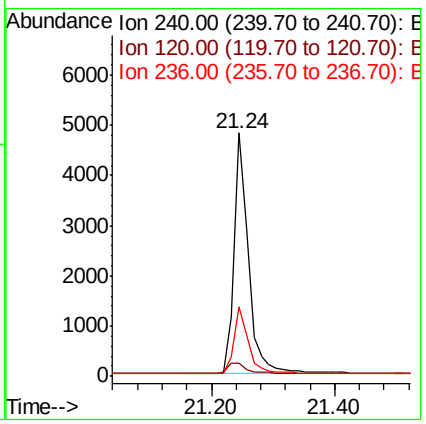


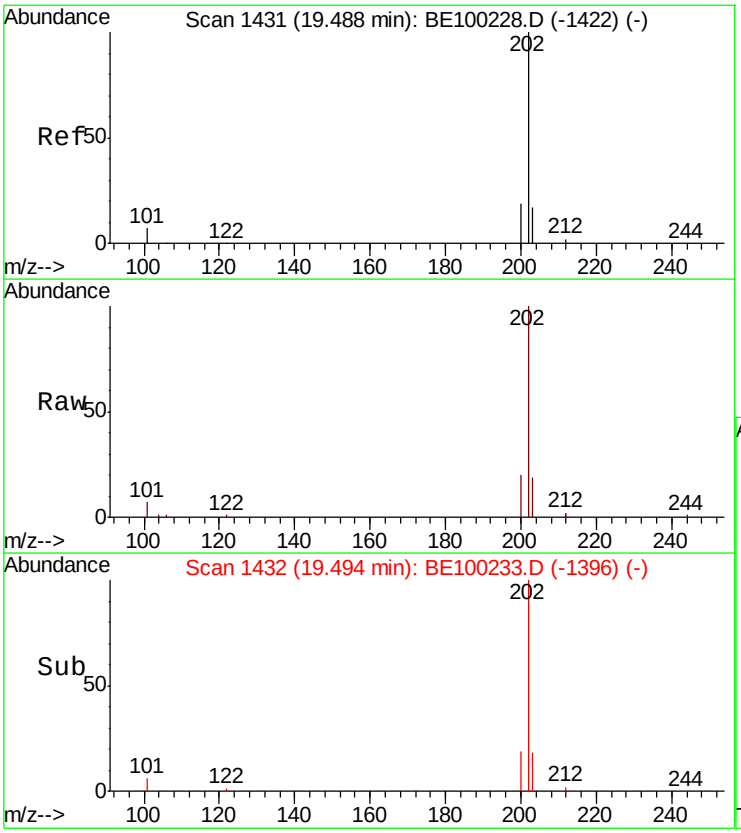
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7715

Ion	Ratio	Lower	Upper
240	100		
120	5.4	3.3	4.9#
236	28.5	22.6	34.0

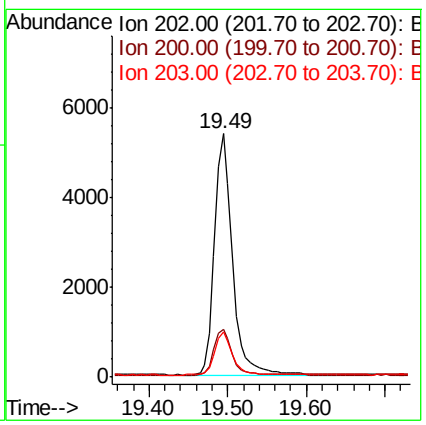


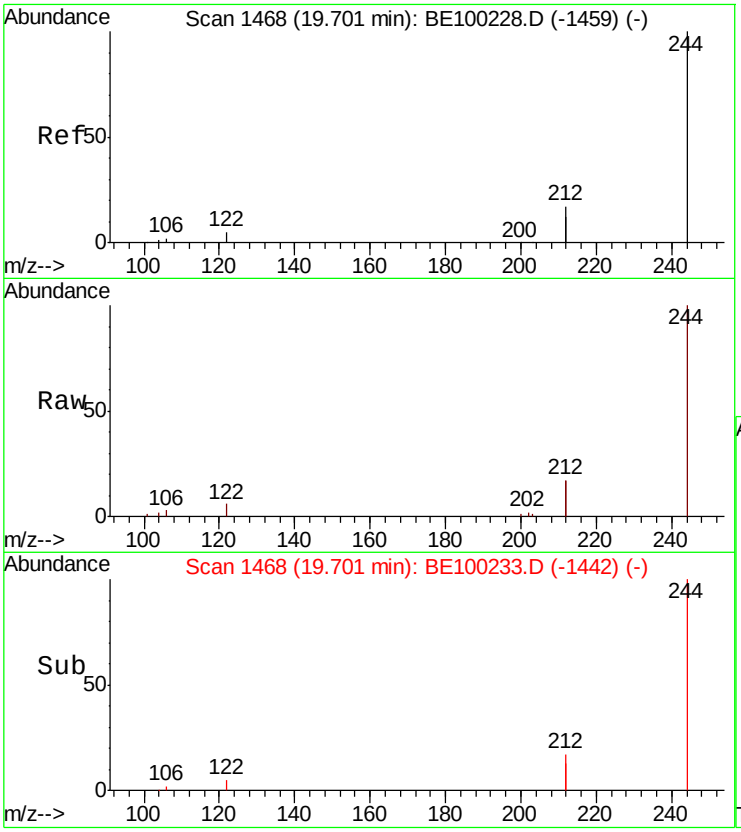


#28
Pyrene
Concen: 0.414 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:202 Resp: 8456

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.4	14.0	21.0



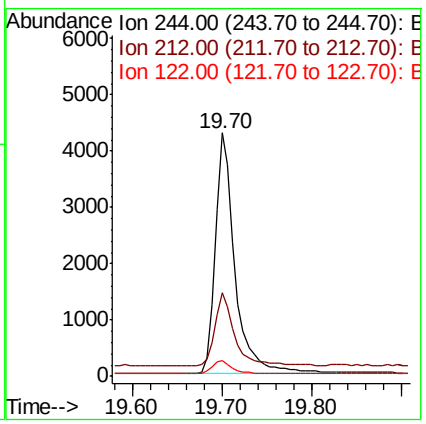


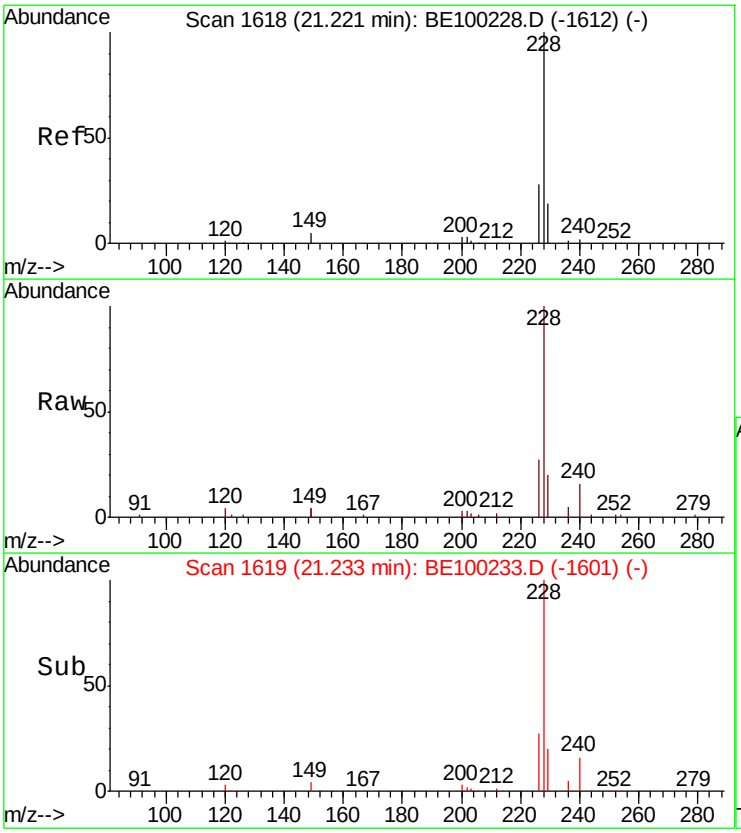
#29
Terphenyl-d14
Concen: 0.408 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6528

Ion	Ratio	Lower	Upper
244	100		
212	34.3	27.3	40.9
122	6.4	4.7	7.1

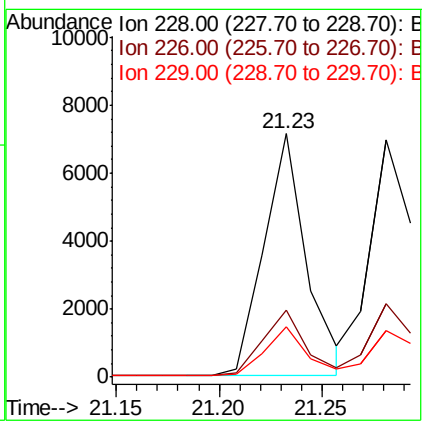


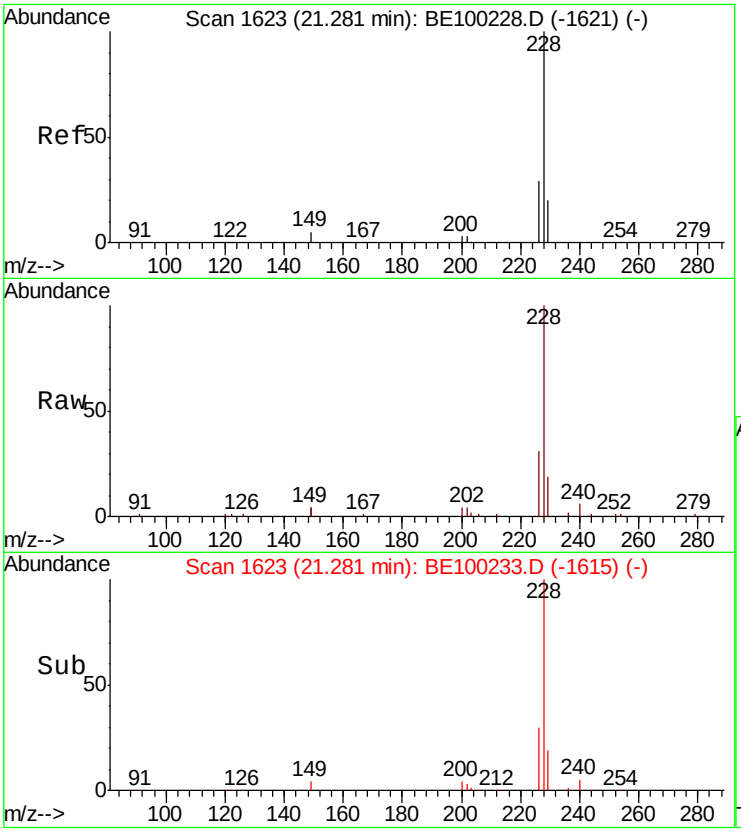


#30
Benzo(a)anthracene
Concen: 0.407 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:228 Resp: 10328

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.2	34.8
229	20.5	15.7	23.5



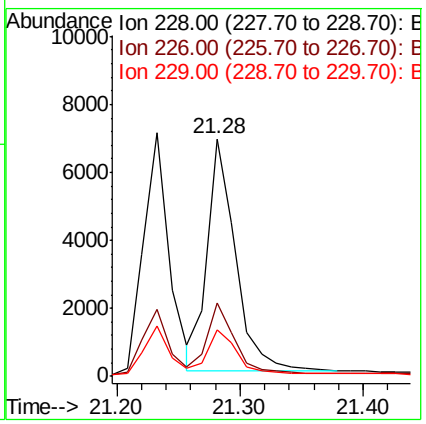


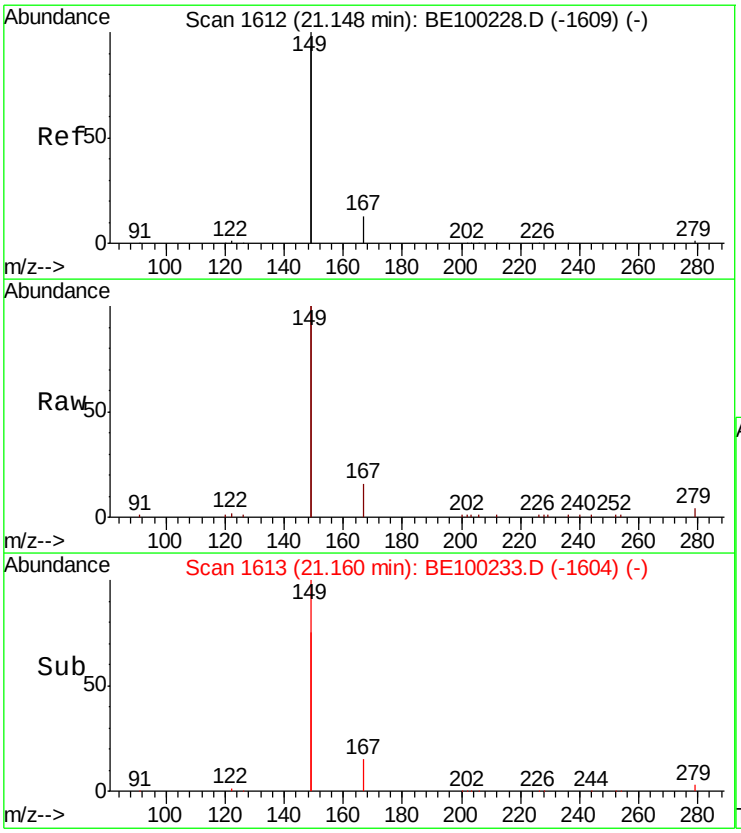
#31
Chrysene
Concen: 0.425 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10823

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	19.3	16.5	24.7

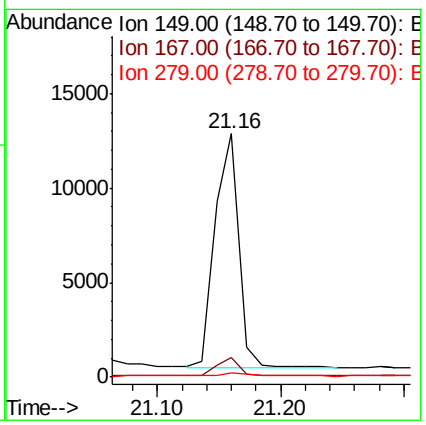


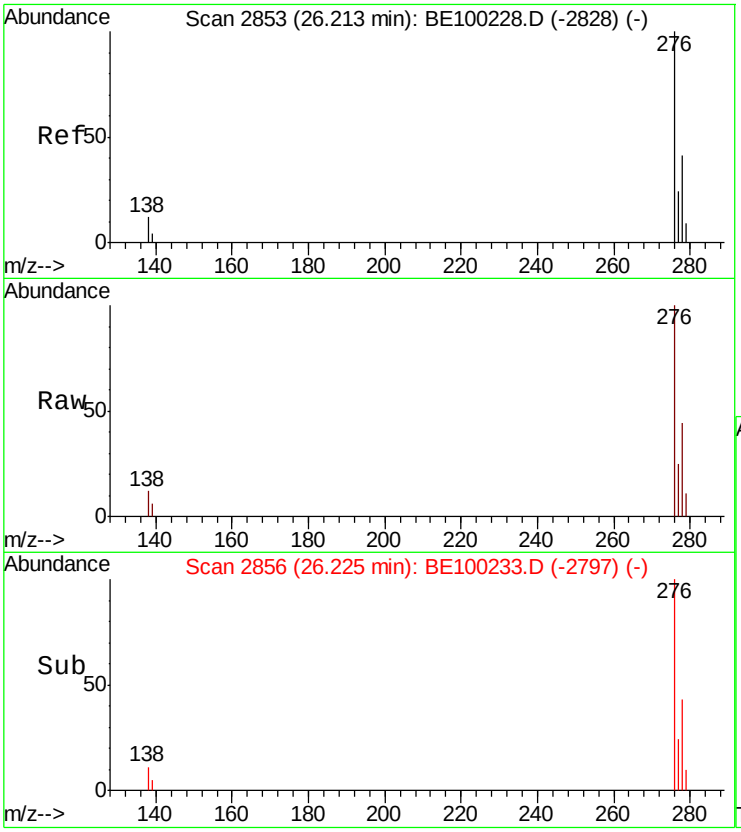


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.405 ng
RT: 21.16 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:149 Resp: 16602

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.5	1.1	1.7



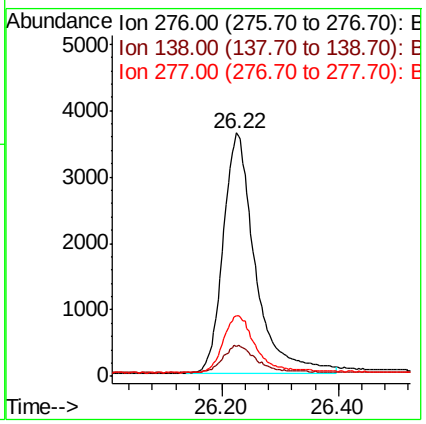


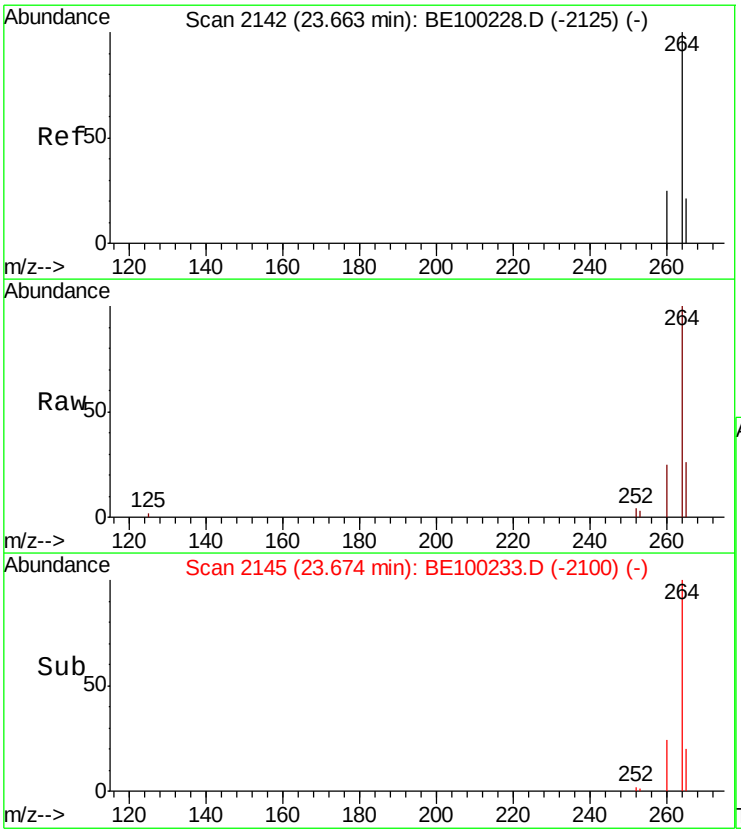
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 26.22 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13819

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.4	14.0
277	23.7	19.2	28.8

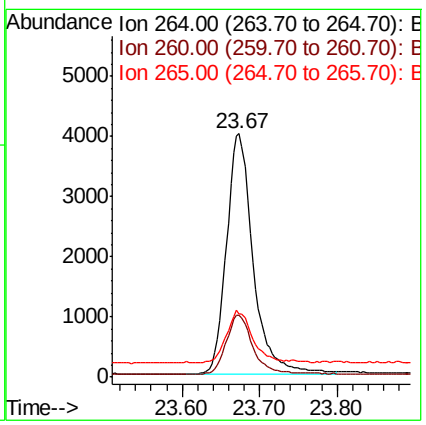


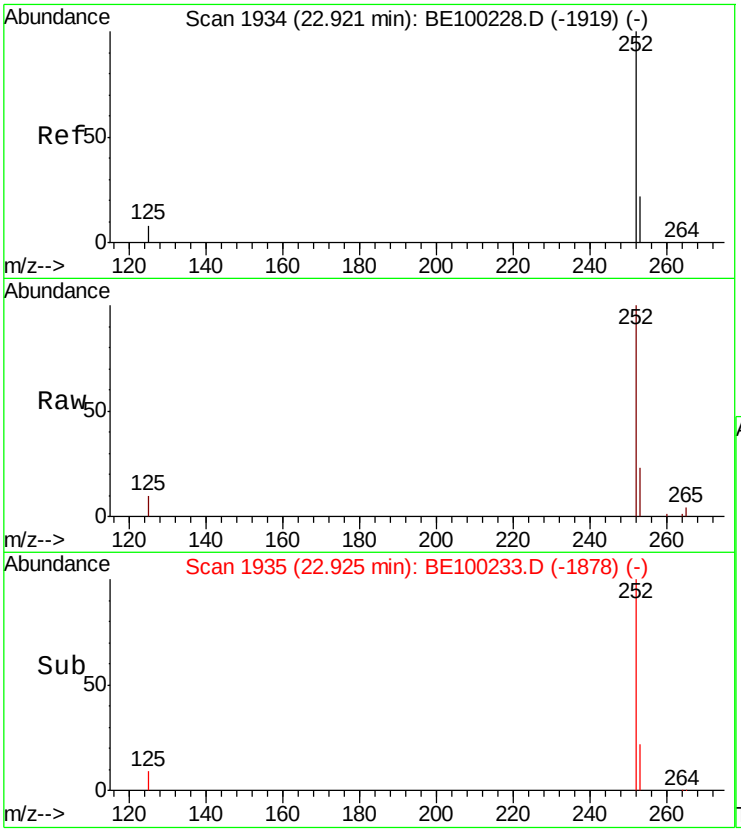


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:264 Resp: 9545

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.8	31.2
265	26.1	21.8	32.6



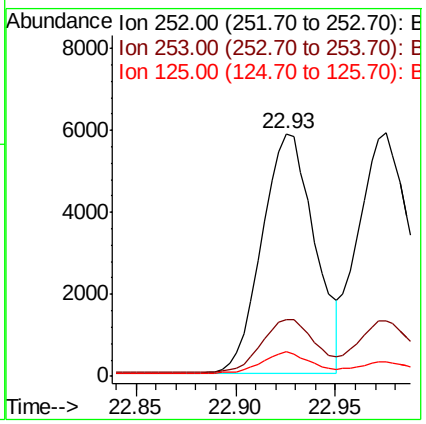


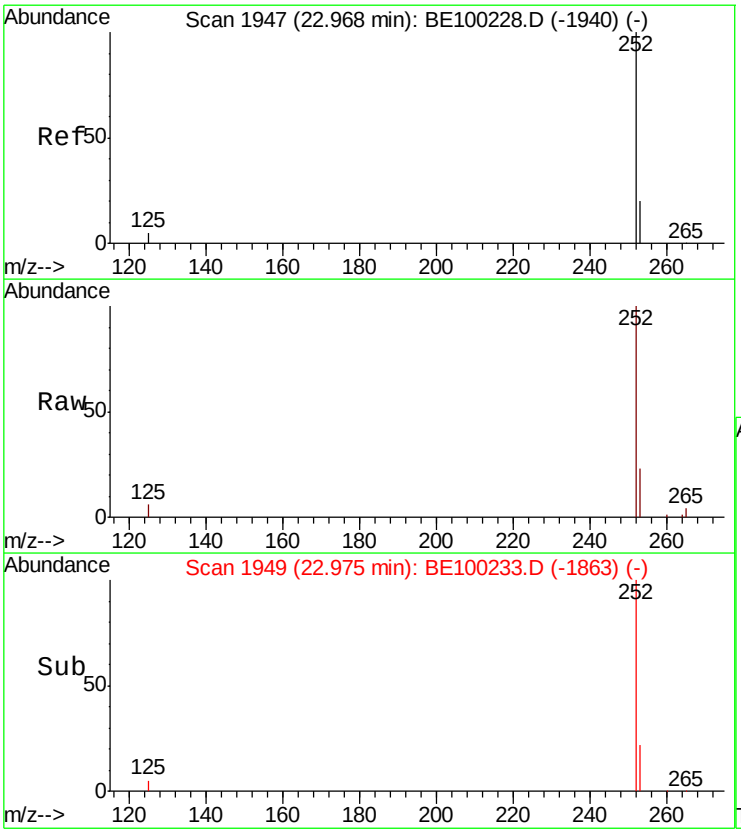
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10731

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	10.0	7.4	11.0

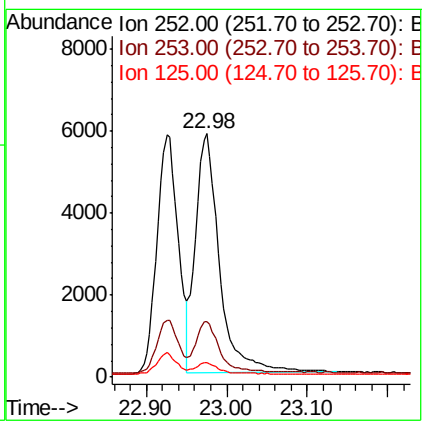


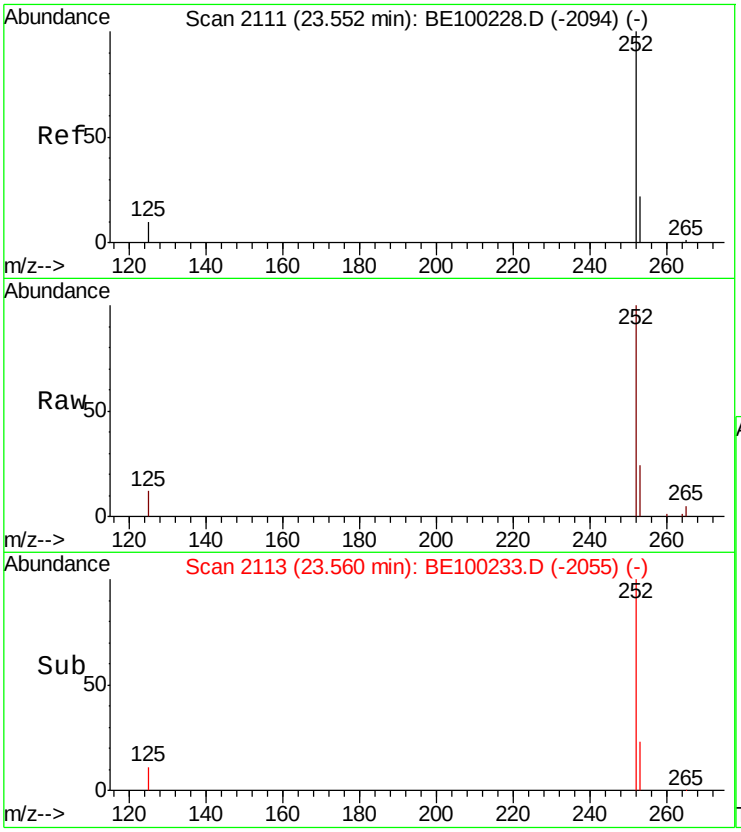


#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 22.98 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:252 Resp: 12112

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	6.2	5.0	7.4



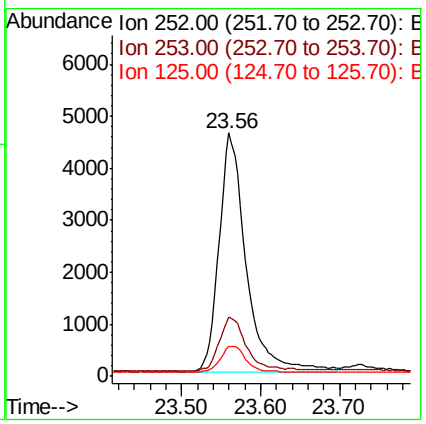


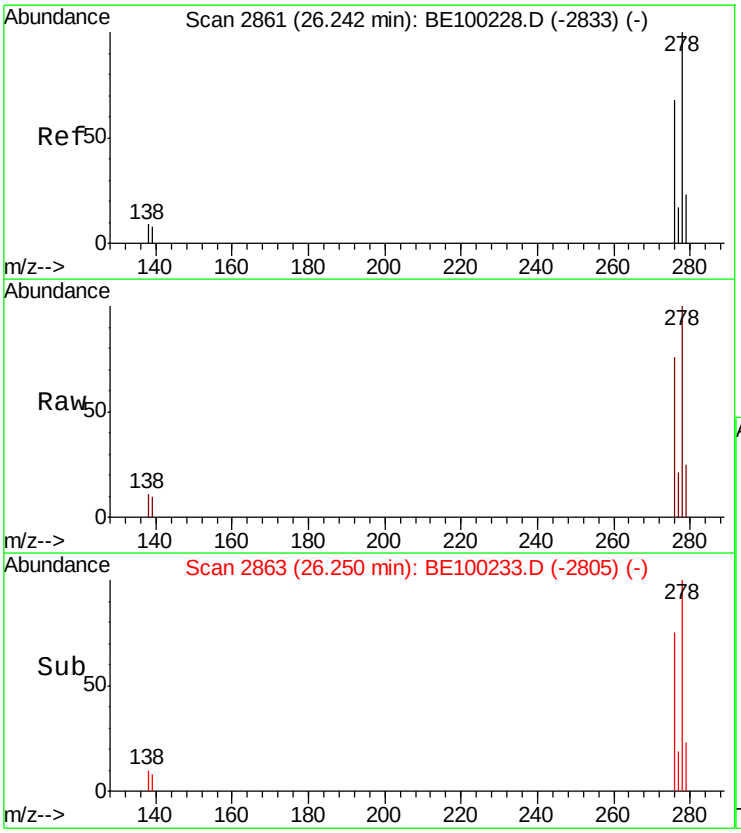
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10924

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.6	29.4
125	12.1	9.0	13.6

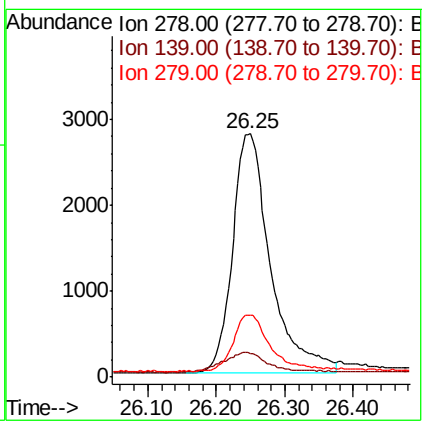


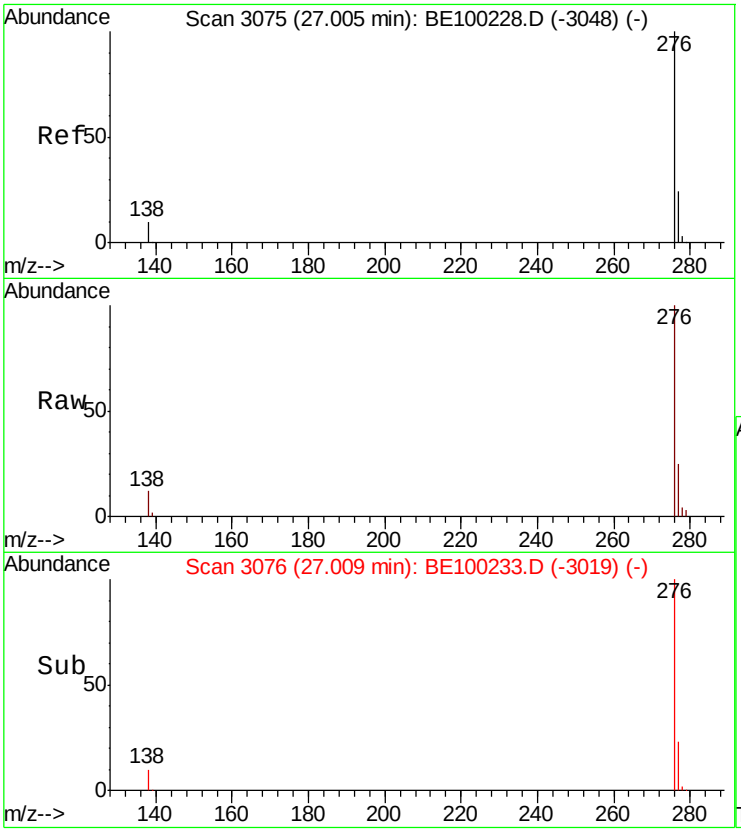


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.25 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Tgt Ion:278 Resp: 10728

Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.2	12.2
279	25.4	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 27.01 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BE100233.D
Acq: 28 Jun 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11222

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.2
138	11.6	9.0	13.6