Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100229.D
Acq On : 28 Jun 2019 11:01
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 12:20:13 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	550	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	1836	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1497	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	4553	0.40	ng		0.00
27) Chrysene-d12	21.24	240	7045	0.40	ng		0.00
34) Perylene-d12	23.67	264	8704	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1108	0.91	ng		0.00
5) Phenol-d6	6.83	99	1393	0.83	ng		-0.01
8) Nitrobenzene-d5	8.81	82	1613	0.88	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	2721	0.79	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	835	0.96	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	4755	0.79	ng		0.00
25) Fluoranthene-d10	19.09	212	51308	0.78	ng		0.00
29) Terphenyl-d14	19.70	244	11603	0.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	576	0.669	ng		90
3) n-Nitrosodimethylamine	3.46	42	270	0.848	ng	#	79
6) bis(2-Chloroethyl)ether	7.08	93	1224	0.795	ng		97
9) Naphthalene	10.48	128	16083	0.803	ng		98
10) Hexachlorobutadiene	10.76	225	1550	0.749	ng		100
12) 2-Methylnaphthalene	12.12	142	2692	0.834	ng		98
16) Acenaphthylene	14.04	152	5566	0.763	ng		99
17) Acenaphthene	14.38	154	3129	0.765	ng		99
18) Fluorene	15.35	166	4686	0.792	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	2199	0.778	ng	#	79
21) Hexachlorobenzene	16.36	284	2377	0.767	ng		98
22) Pentachlorophenol	16.73	266	655	0.898	ng		93
23) Phenanthrene	17.11	178	8763	0.813	ng		99
24) Anthracene	17.20	178	7980	0.876	ng		99
26) Fluoranthene	19.12	202	13832	0.788	ng		99
28) Pyrene	19.49	202	14190	0.787	ng		100
30) Benzo(a)anthracene	21.23	228	17988	0.866	ng		97
31) Chrysene	21.28	228	18325	0.752	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	26524	1.111	ng		99
33) Indeno(1,2,3-cd)pyrene	26.22	276	24422	0.704	ng		99
35) Benzo(b)fluoranthene	22.92	252	18230	0.779	ng	#	95
36) Benzo(k)fluoranthene	22.97	252	20502	0.732	ng		99
37) Benzo(a)pyrene	23.56	252	18578	0.766	ng	#	95
38) Dibenzo(a,h)anthracene	26.24	278	19131	0.737	ng		97
39) Benzo(g,h,i)perylene	27.00	276	20126	0.743	ng		98

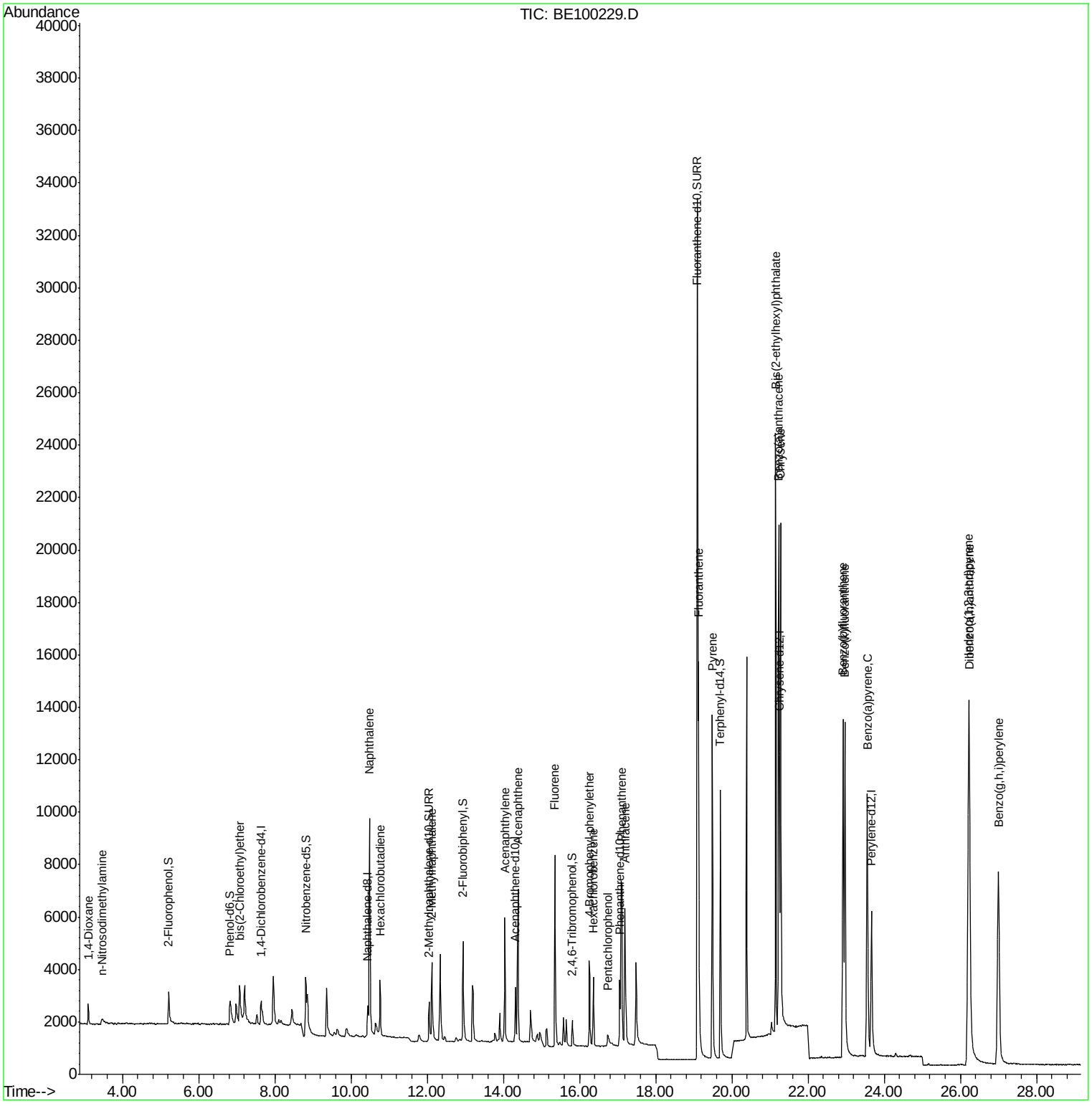
(#) = qualifier out of range (m) = manual integration (+) = signals summed

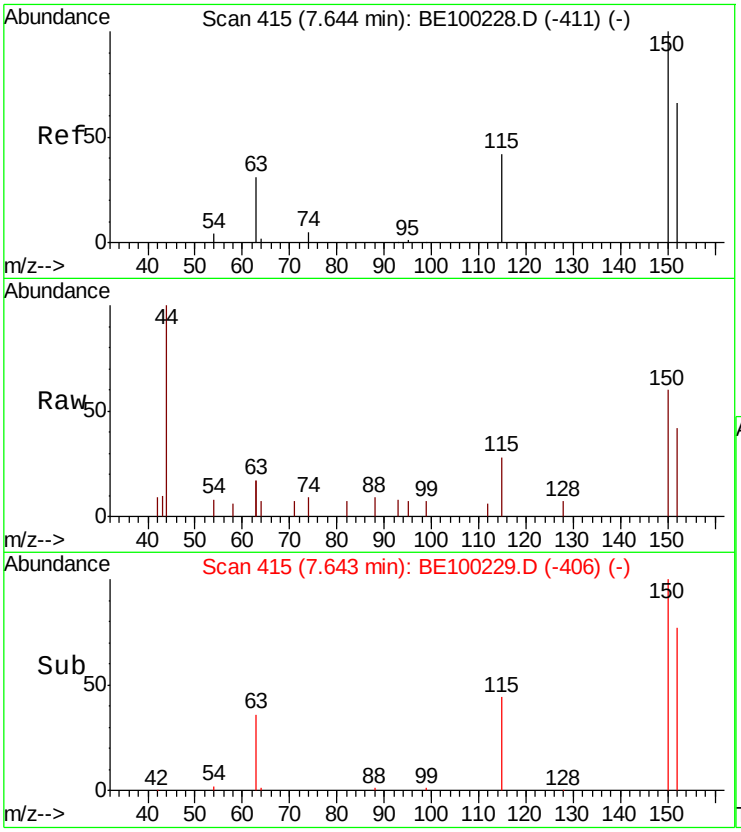
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100229.D
Acq On : 28 Jun 2019 11:01
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 28 12:20:13 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



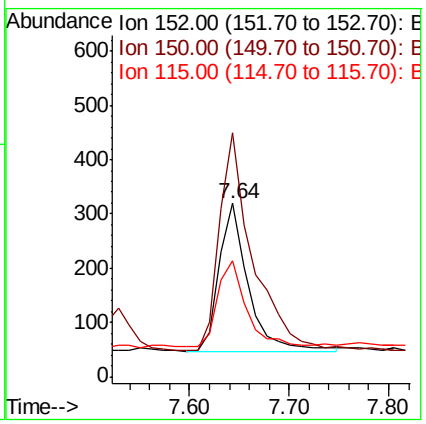


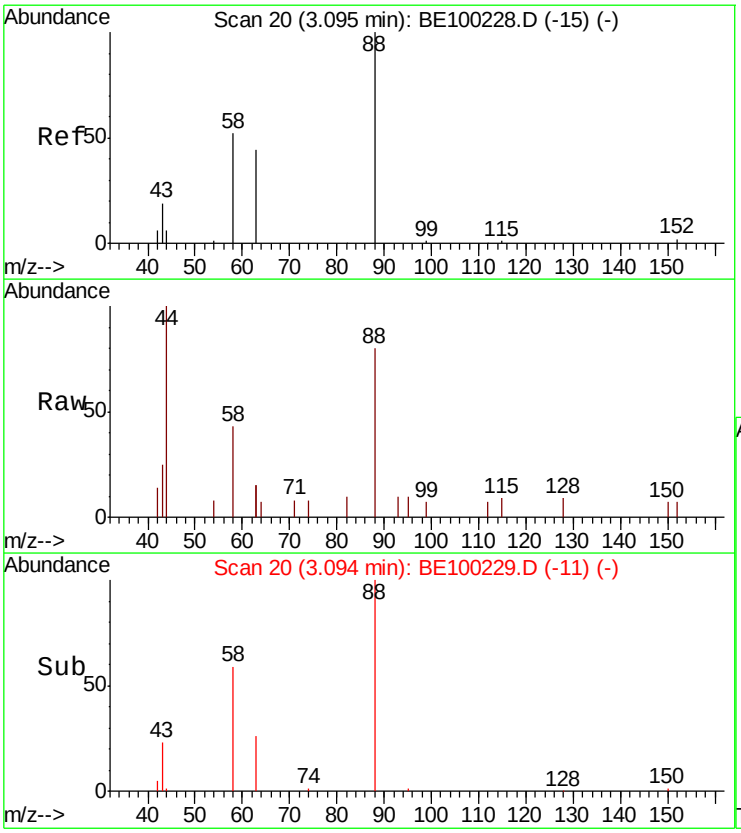
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 550

Ion	Ratio	Lower	Upper
152	100		
150	140.8	114.5	171.7
115	67.1	57.1	85.7

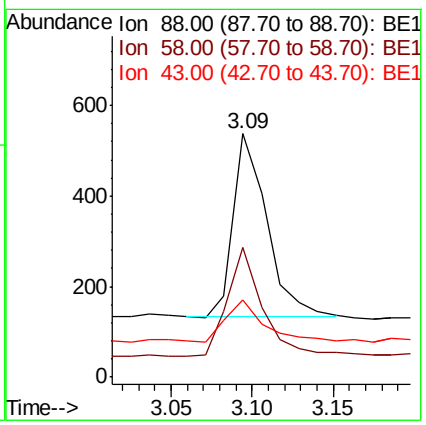


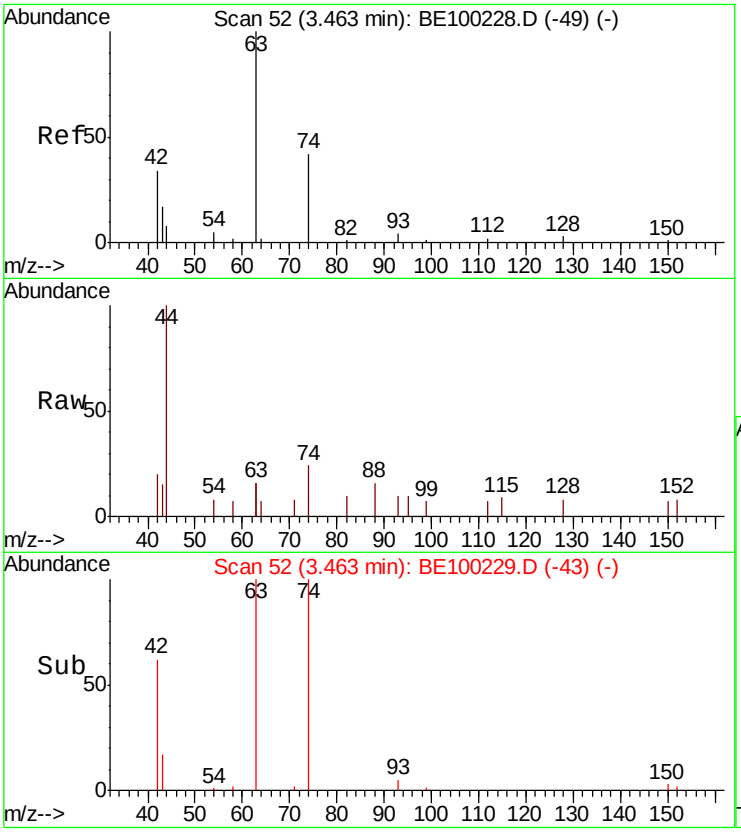


#2
1,4-Dioxane
Concen: 0.669 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion: 88 Resp: 576

Ion	Ratio	Lower	Upper
88	100		
58	64.4	43.6	65.4
43	25.3	21.4	32.0



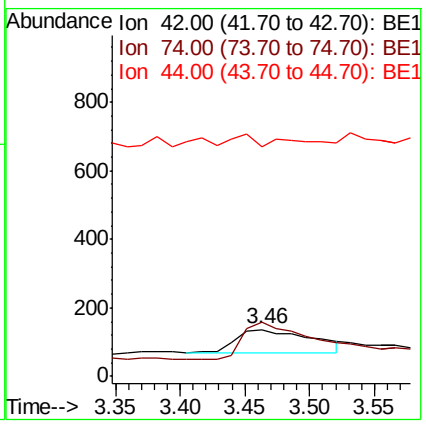


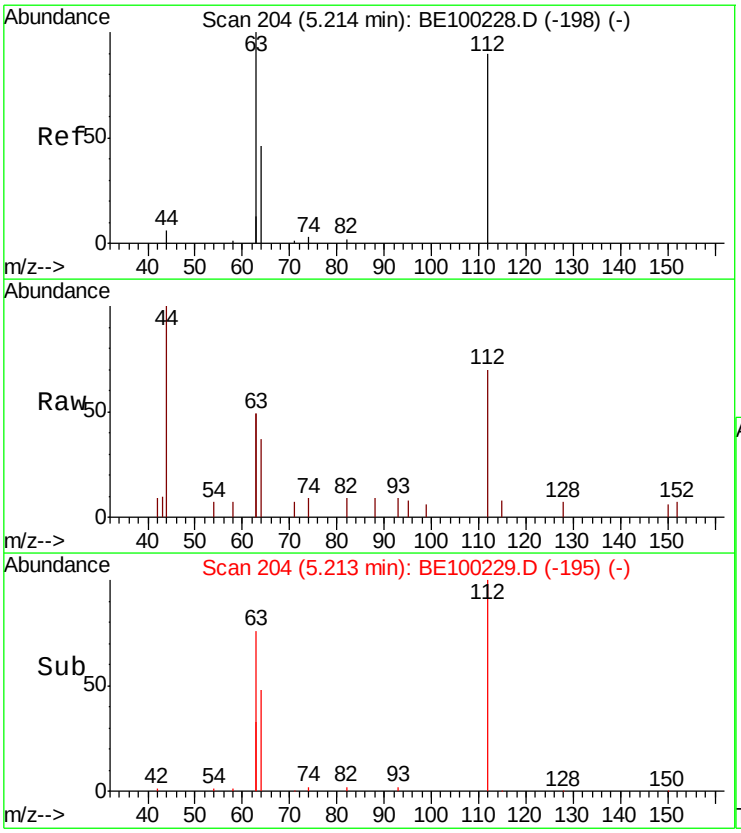
#3
n-Nitrosodimethylamine
Concen: 0.848 ng
RT: 3.46 min Scan# 52
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 270

Ion	Ratio	Lower	Upper
42	100		
74	145.2	130.6	196.0
44	15.9	38.0	57.0#

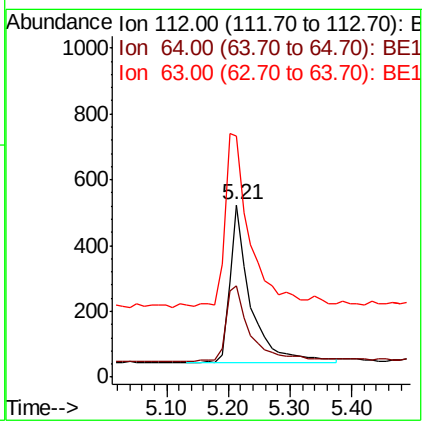


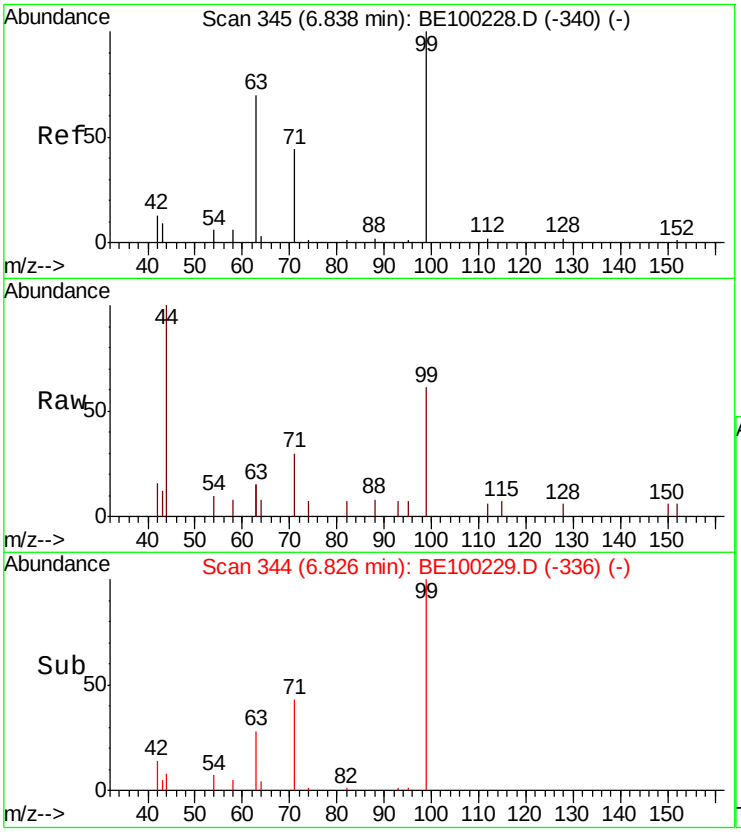


#4
2-Fluorophenol
Concen: 0.906 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:112 Resp: 1108

Ion	Ratio	Lower	Upper
112	100		
64	54.8	39.4	59.0
63	129.5	104.5	156.7



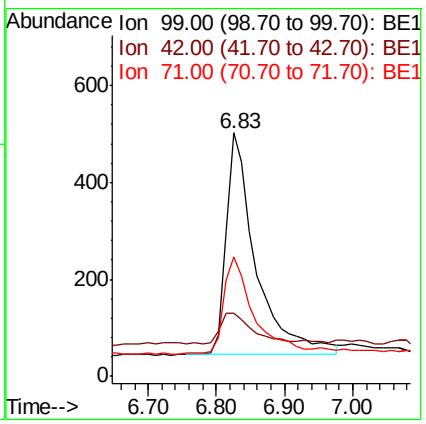


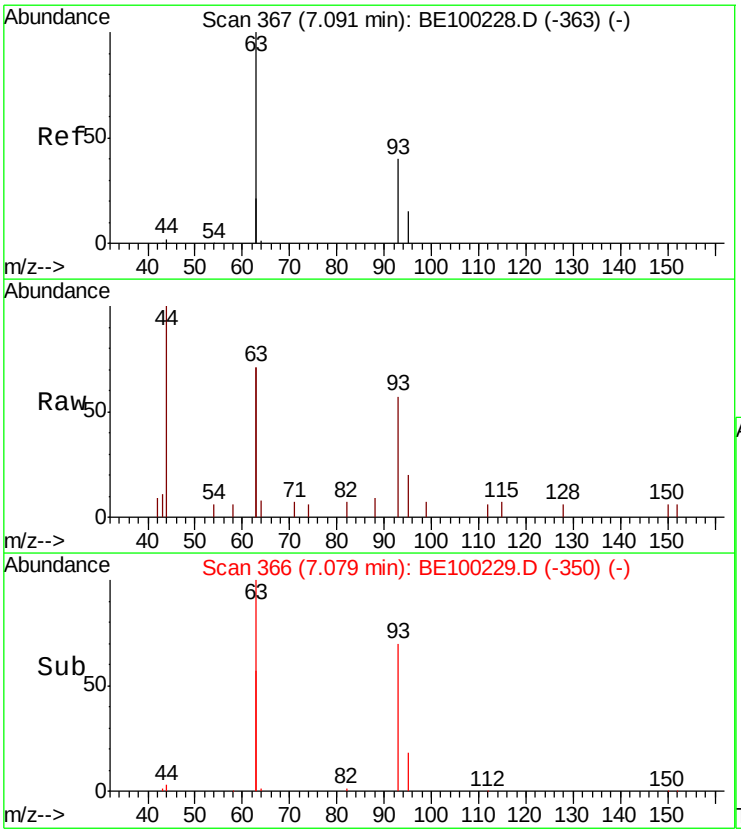
#5
Phenol-d6
Concen: 0.828 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1393

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.2	16.8
71	45.5	37.2	55.8

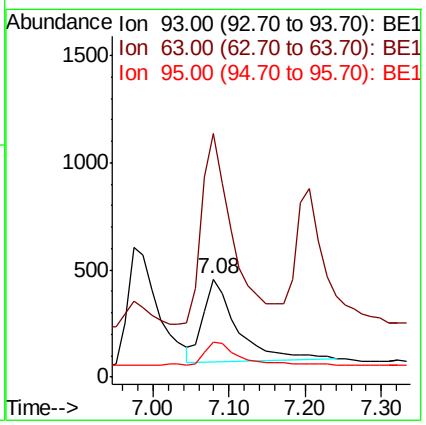


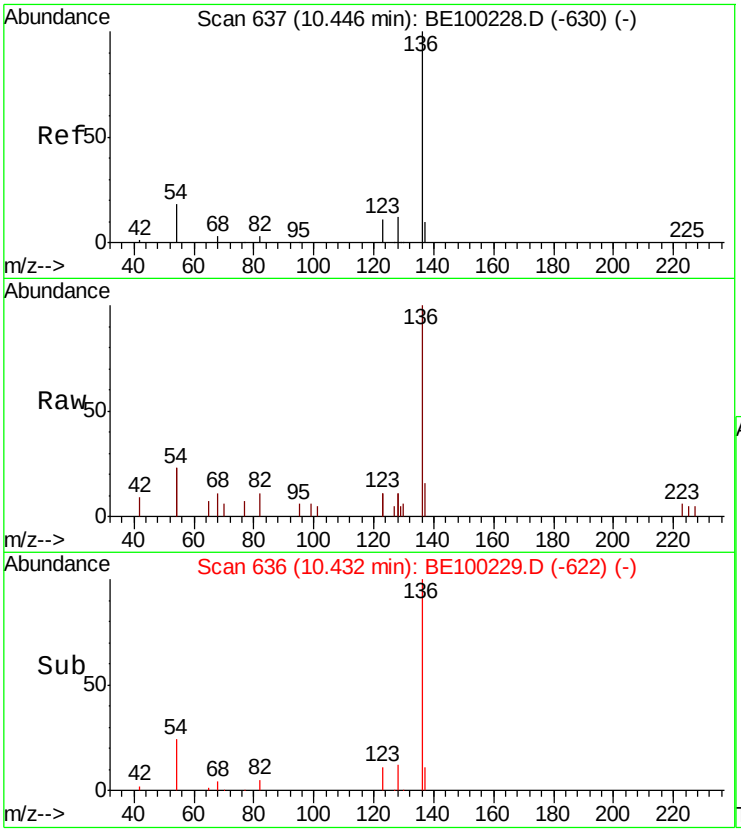


#6
bis(2-Chloroethyl)ether
Concen: 0.795 ng
RT: 7.08 min Scan# 366
Delta R.T. -0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion: 93 Resp: 1224

Ion	Ratio	Lower	Upper
93	100		
63	200.0	155.6	233.4
95	27.9	23.0	34.4



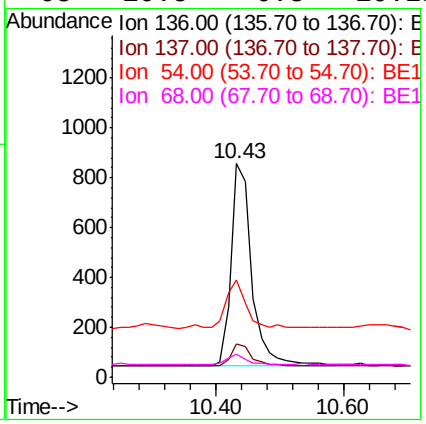


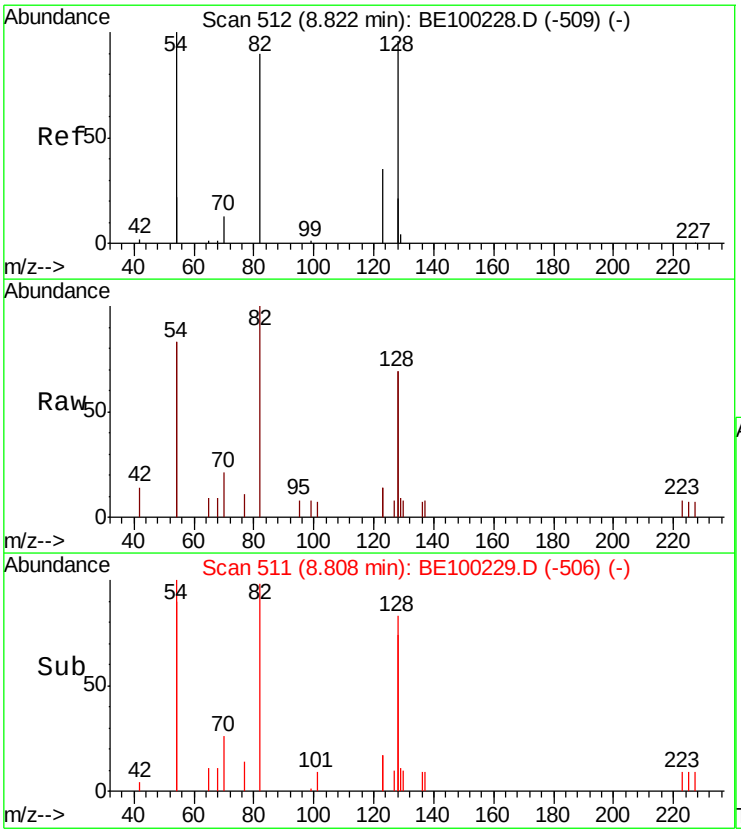
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 1836

Ion	Ratio	Lower	Upper
136	100		
137	15.5	11.8	17.8
54	45.3	27.7	41.5#
68	10.5	6.8	10.2#

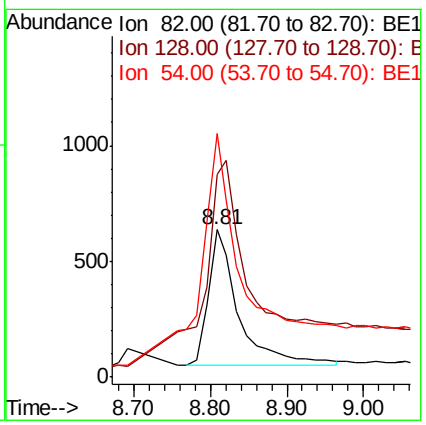


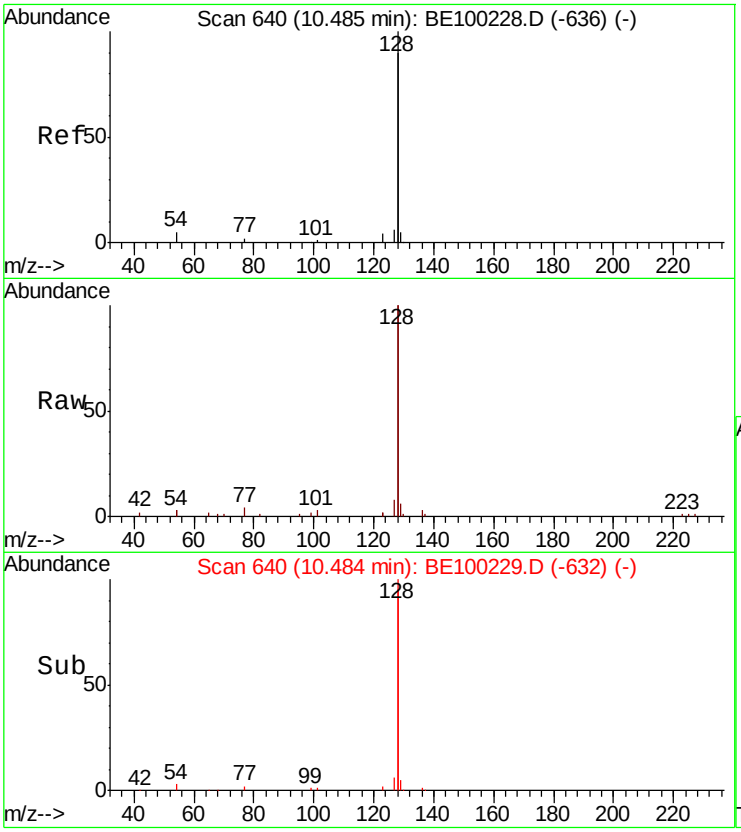


#8
Nitrobenzene-d5
Concen: 0.883 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion: 82 Resp: 1613

Ion	Ratio	Lower	Upper
82	100		
128	137.4	140.9	211.3#
54	165.4	146.2	219.2



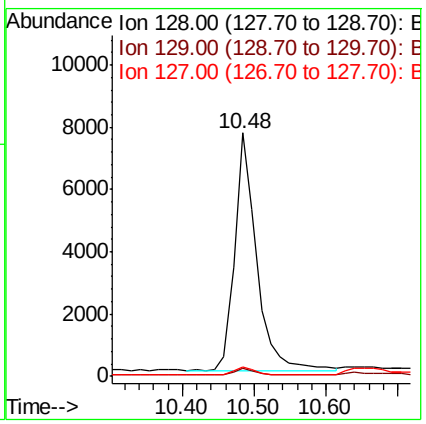


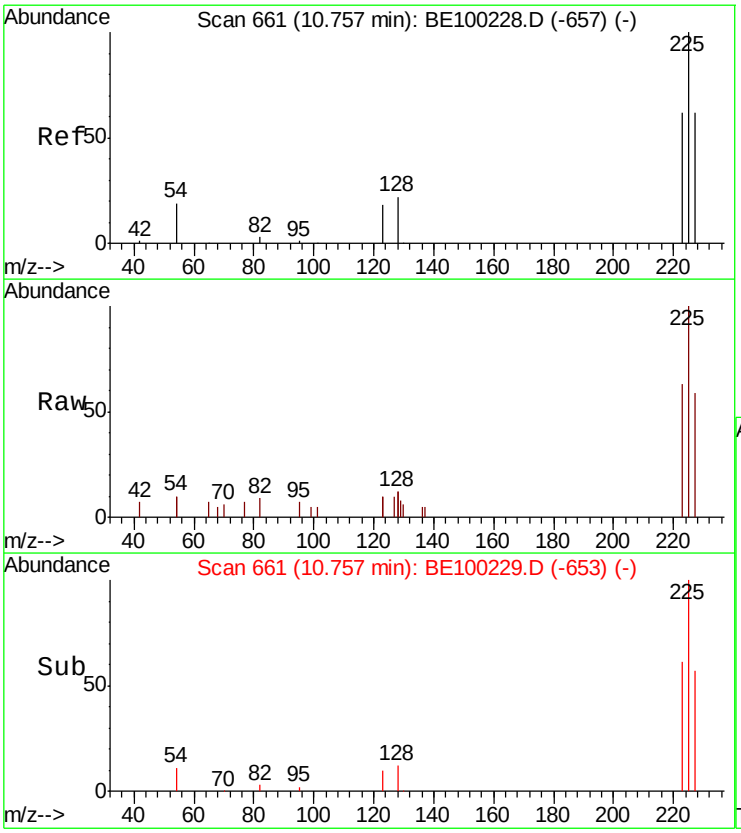
#9
Naphthalene
Concen: 0.803 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 16083

Ion	Ratio	Lower	Upper
128	100		
129	3.2	3.0	4.6
127	3.8	3.5	5.3

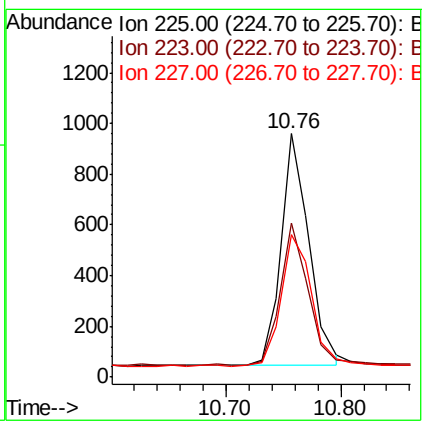


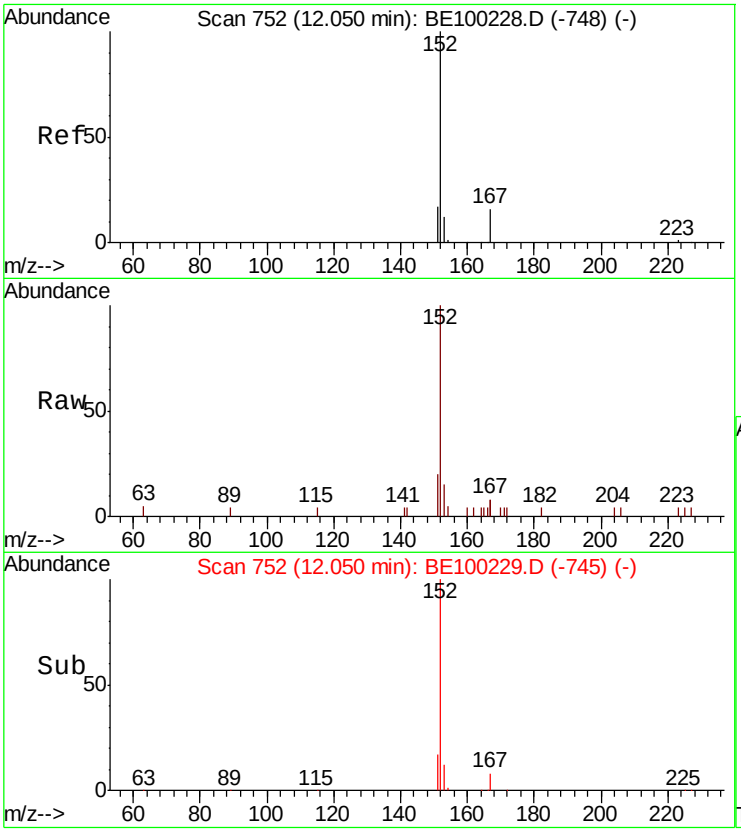


#10
Hexachlorobutadiene
Concen: 0.749 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:225 Resp: 1550

Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.1	73.7
227	61.7	49.3	73.9



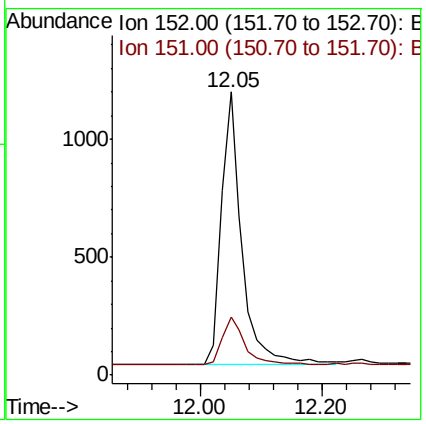


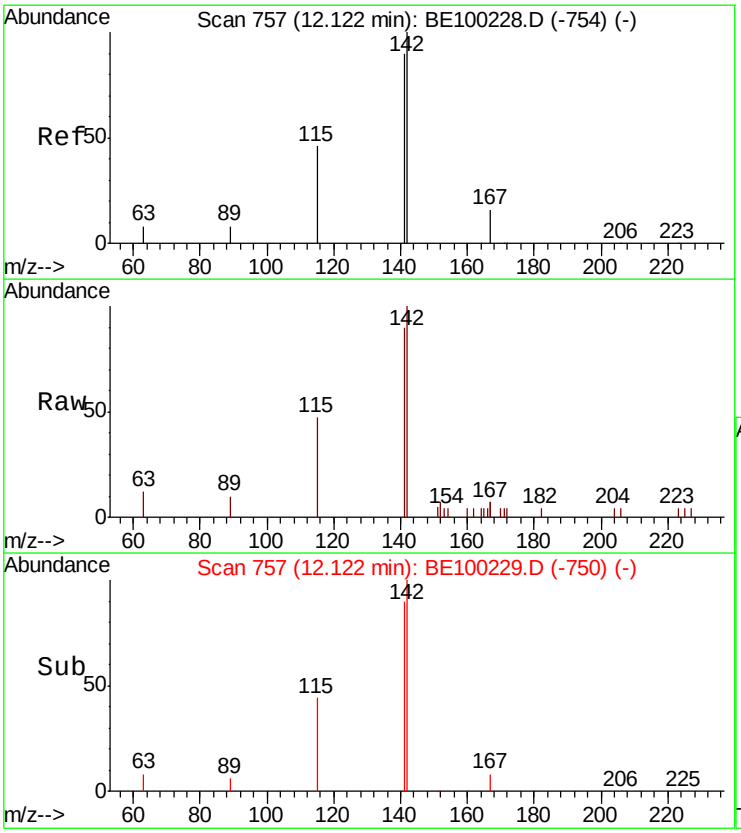
#11
2-Methylnaphthalene-d10
Concen: 0.790 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2721

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.1	22.7

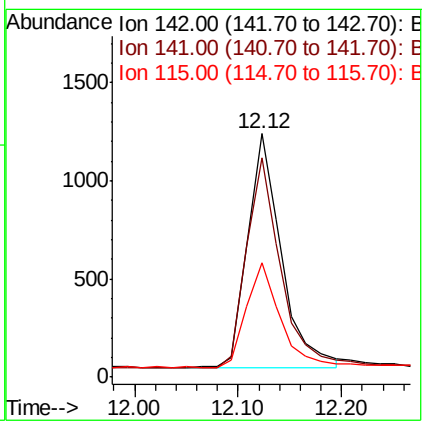


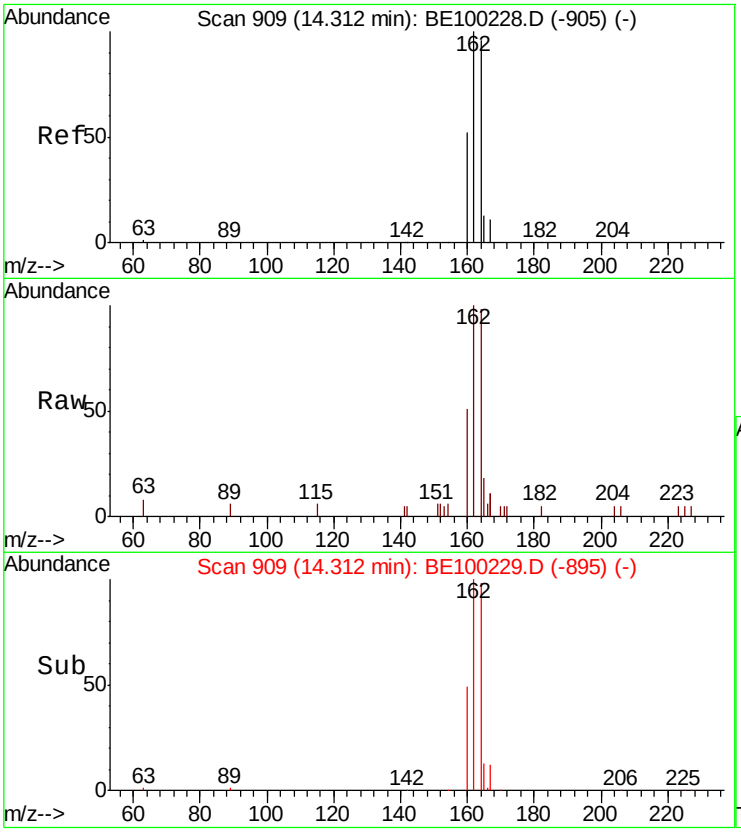


#12
2-Methylnaphthalene
Concen: 0.834 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:142 Resp: 2692

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.4	108.6
115	46.9	40.4	60.6



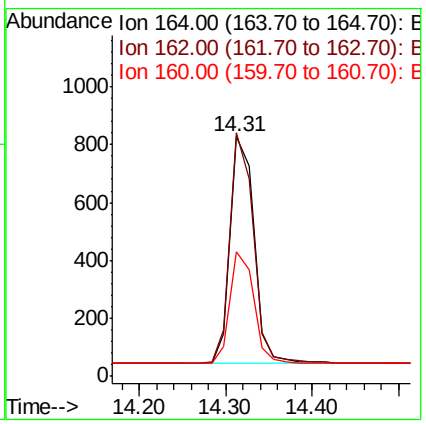


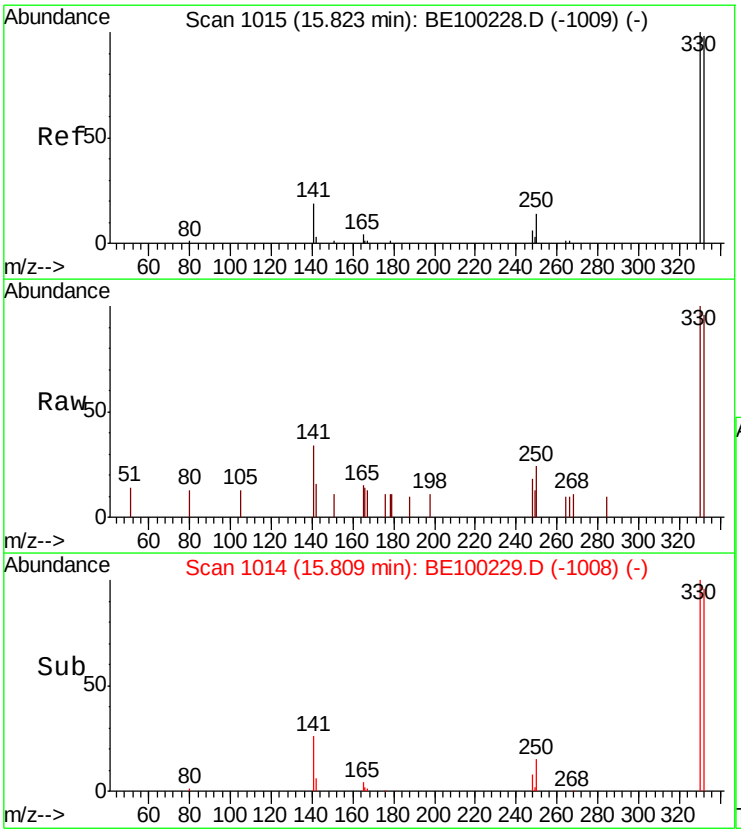
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1497

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.4	125.0
160	52.3	45.0	67.6

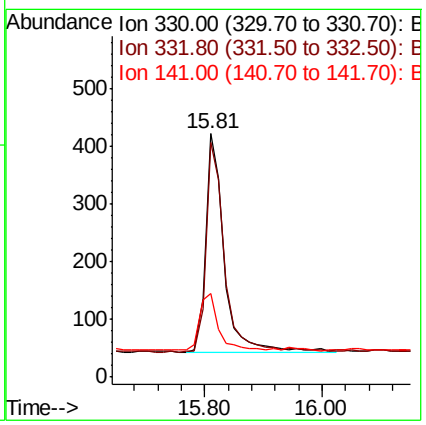


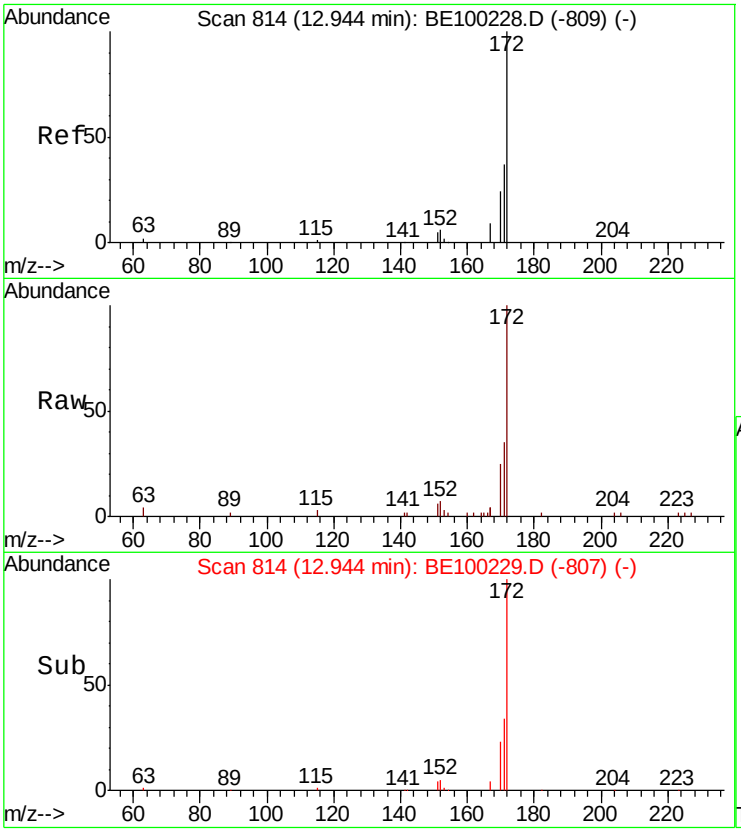


#14
2,4,6-Tribromophenol
Concen: 0.963 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:330 Resp: 835

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.4
141	27.2	22.0	33.0



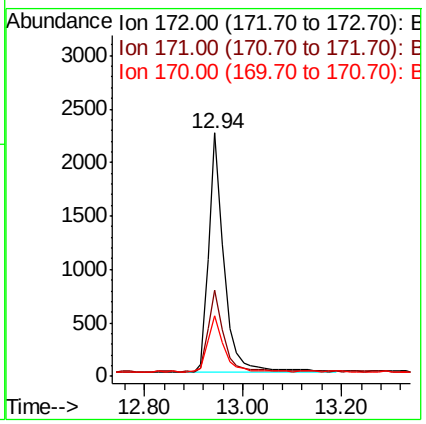


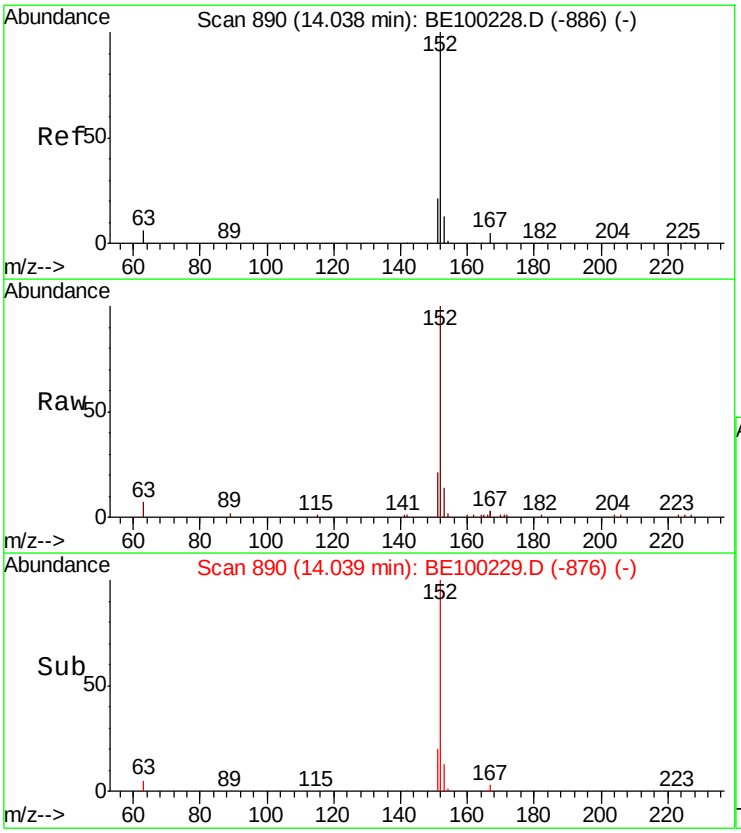
#15
2-Fluorobiphenyl
Concen: 0.792 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4755

Ion	Ratio	Lower	Upper
172	100		
171	35.2	31.9	47.9
170	25.0	22.2	33.2

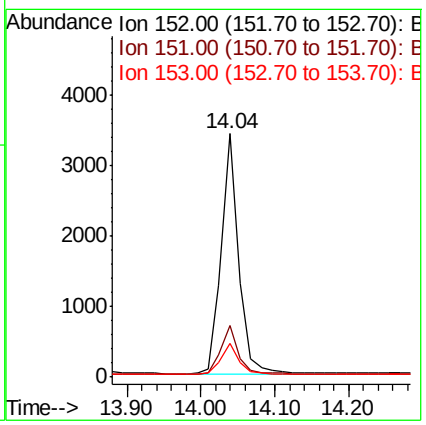


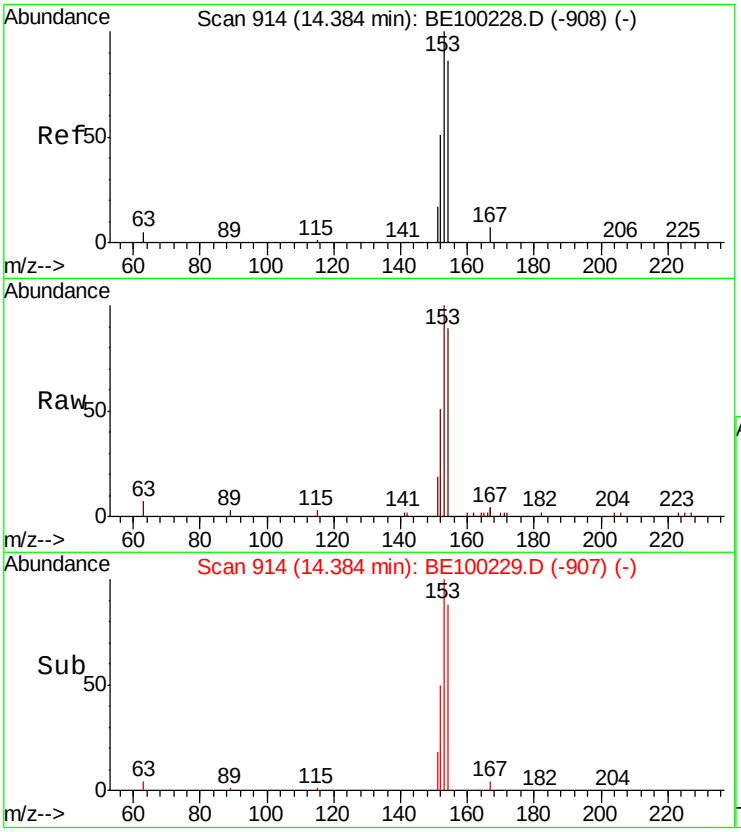


#16
Acenaphthylene
Concen: 0.763 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:152 Resp: 5566

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	25.0
153	13.0	10.5	15.7



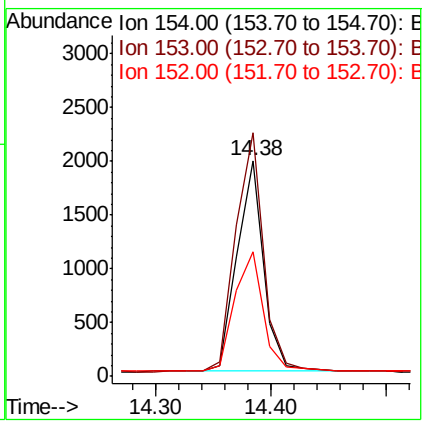


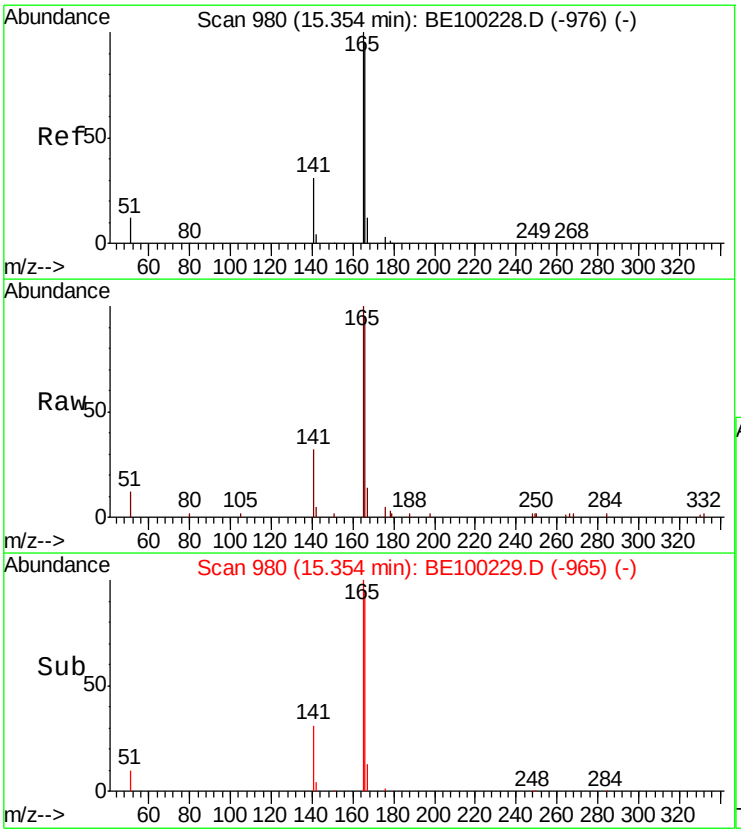
#17
Acenaphthene
Concen: 0.765 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3129

Ion	Ratio	Lower	Upper
154	100		
153	118.4	93.4	140.2
152	62.1	49.4	74.2

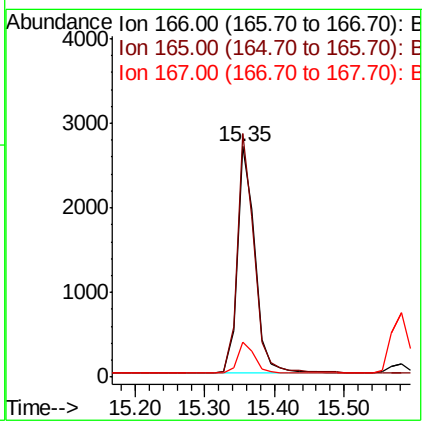


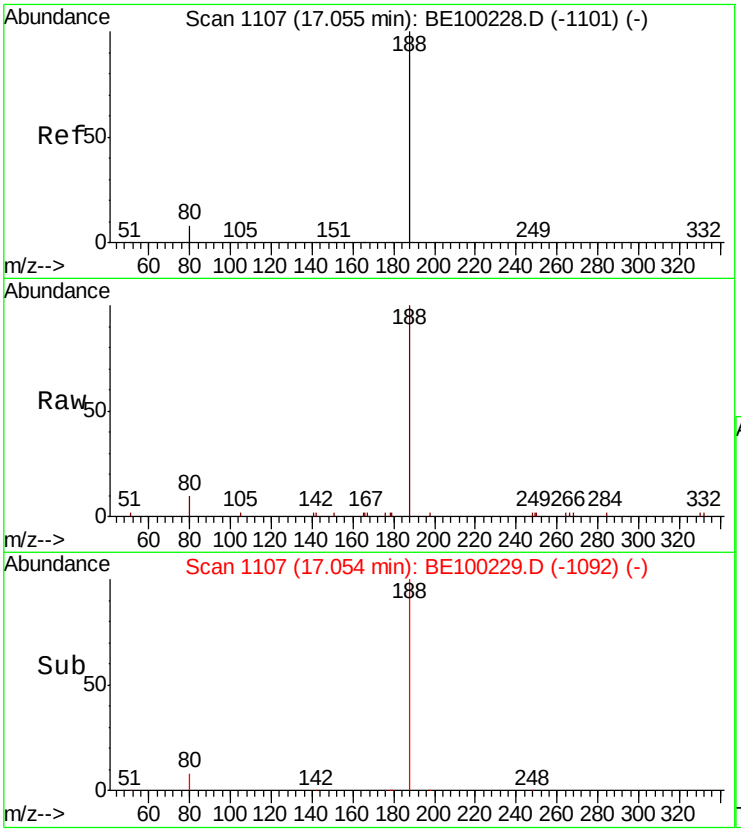


#18
Fluorene
Concen: 0.792 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:166 Resp: 4686

Ion	Ratio	Lower	Upper
166	100		
165	101.6	81.1	121.7
167	13.6	10.7	16.1



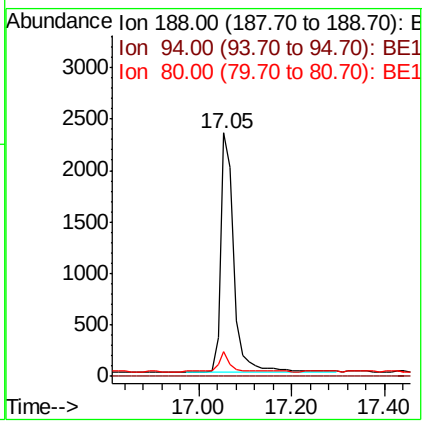


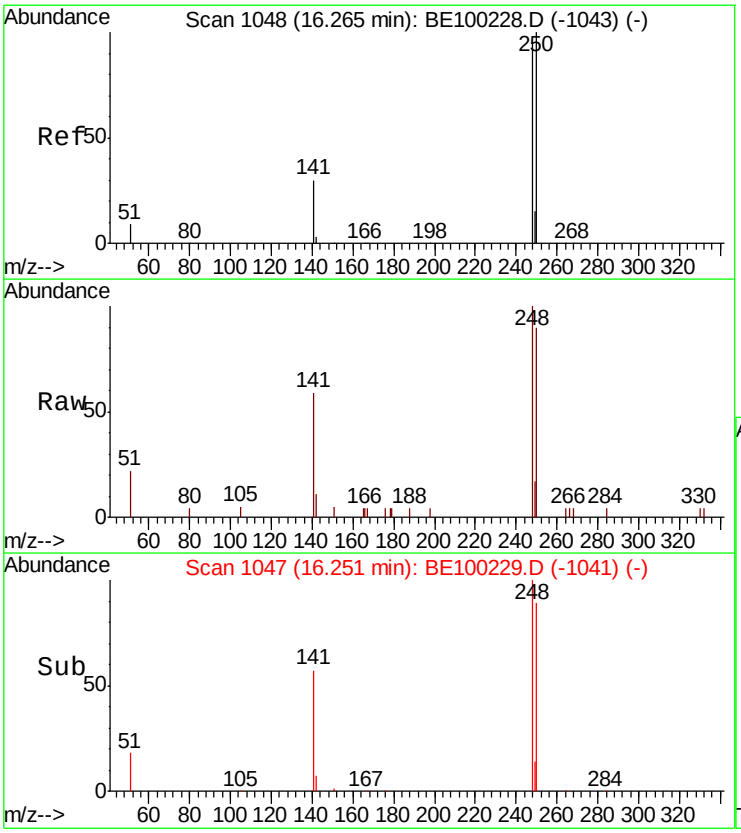
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4553

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.6	11.4

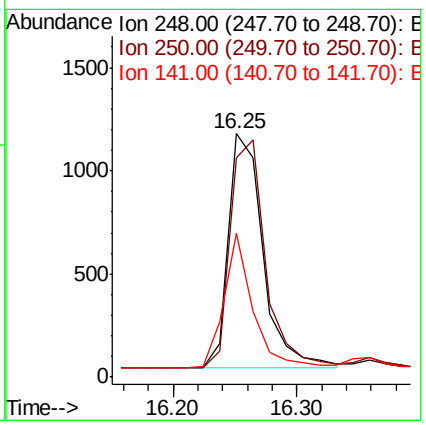


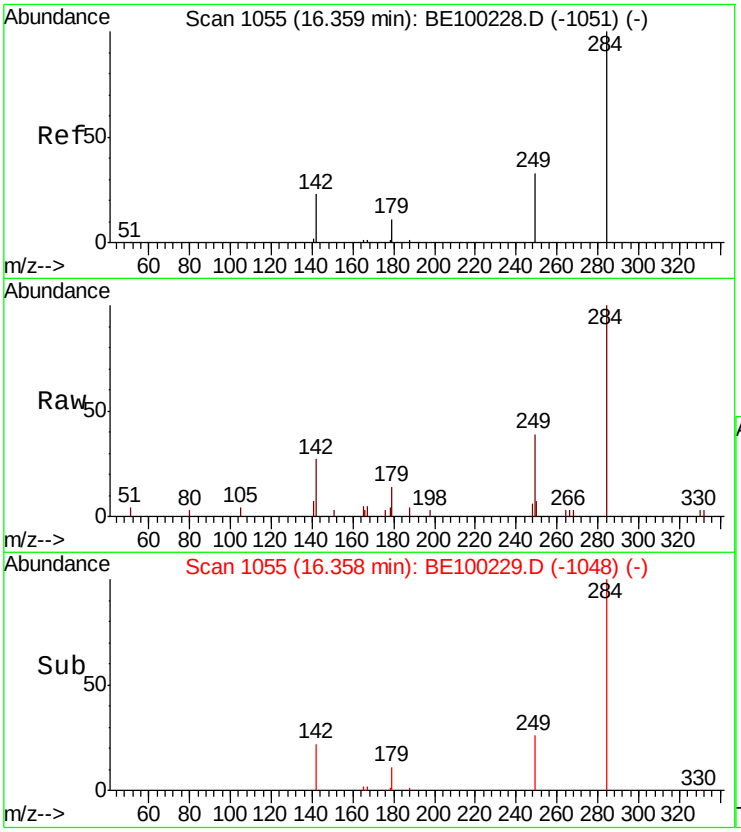


#20
4-Bromophenyl-phenylether
Concen: 0.778 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:248 Resp: 2199

Ion	Ratio	Lower	Upper
248	100		
250	89.9	84.2	126.4
141	59.2	29.3	43.9#



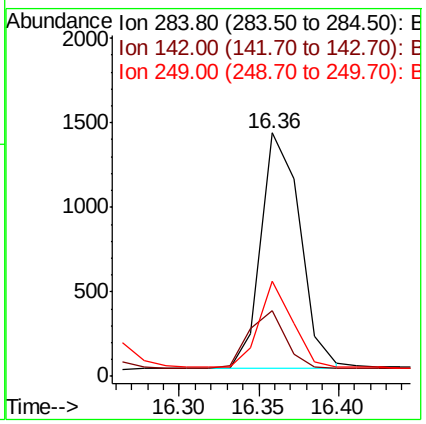


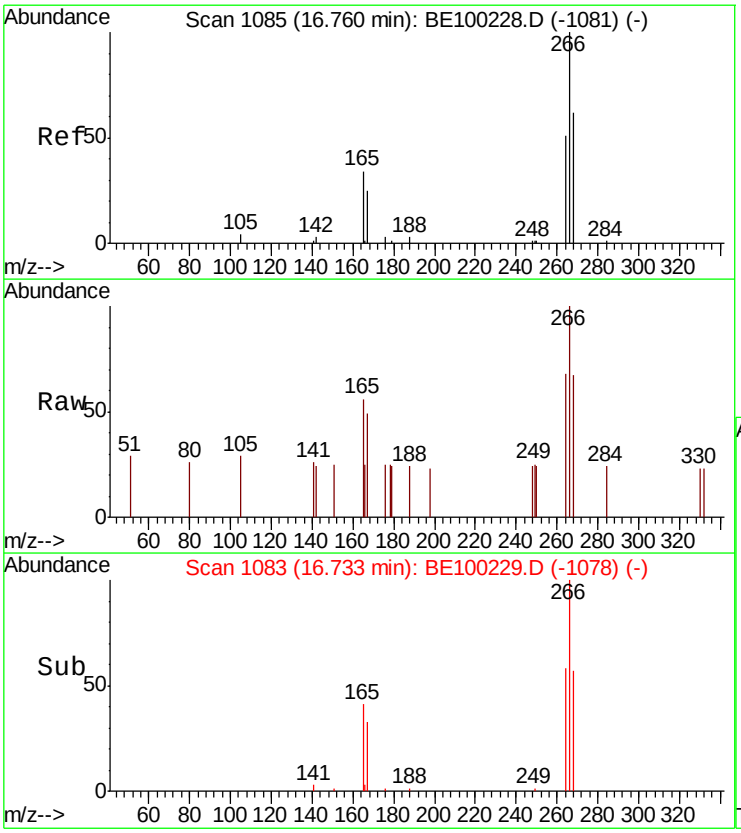
#21
Hexachlorobenzene
Concen: 0.767 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2377

Ion	Ratio	Lower	Upper
284	100		
142	23.4	18.8	28.2
249	31.5	23.7	35.5

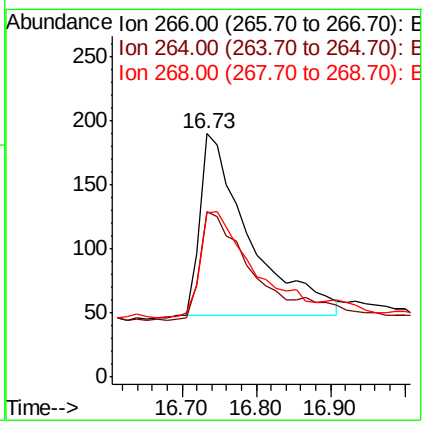


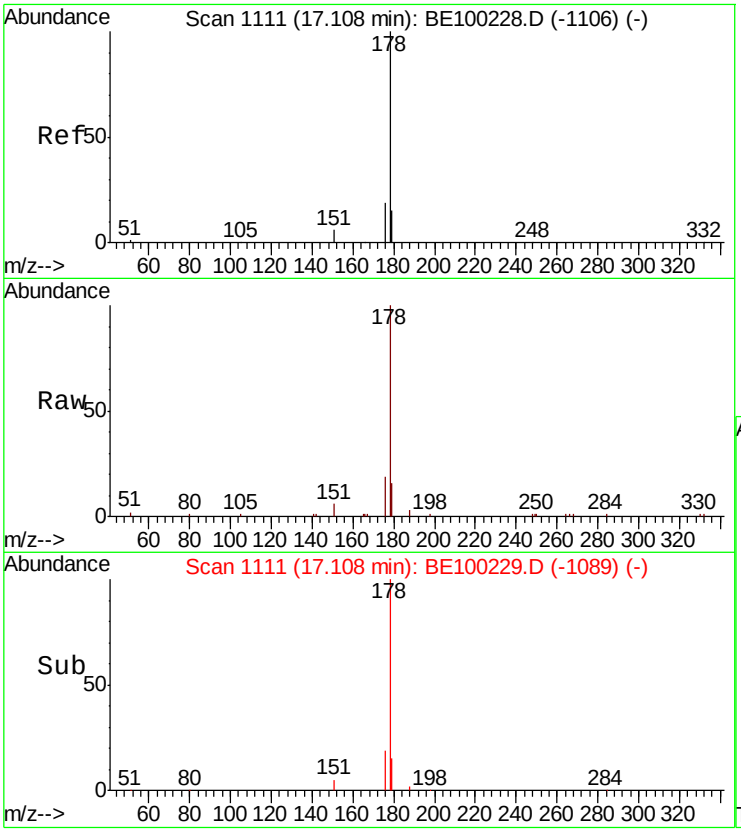


#22
Pentachlorophenol
Concen: 0.898 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:266 Resp: 655

Ion	Ratio	Lower	Upper
266	100		
264	67.9	56.2	84.2
268	67.4	61.8	92.6



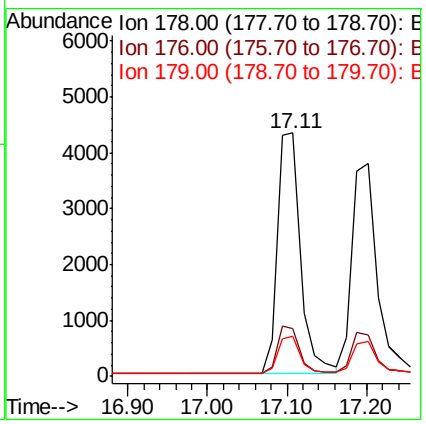


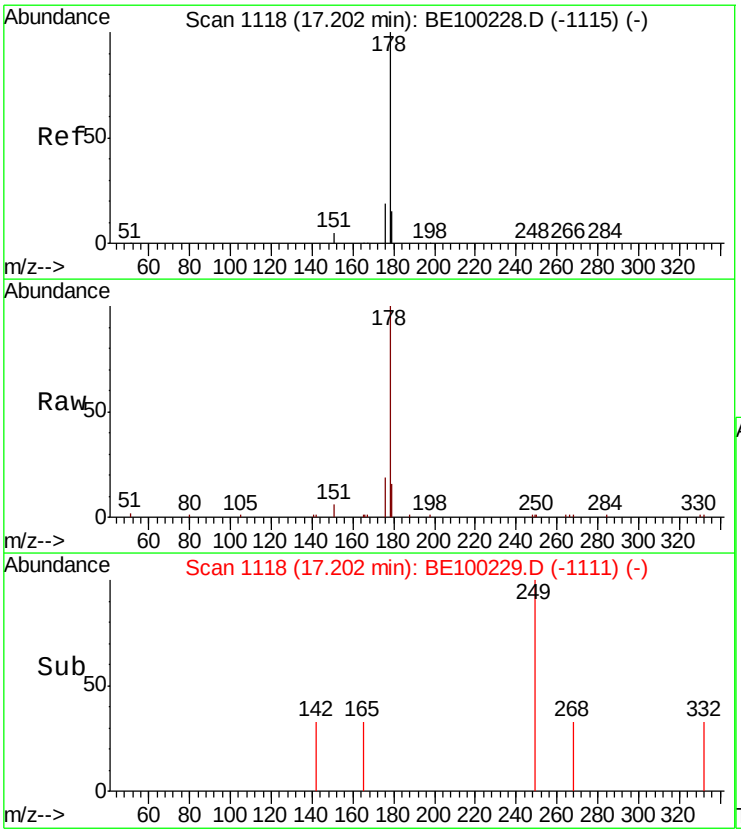
#23
Phenanthrene
Concen: 0.813 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8763

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	14.9	12.2	18.2

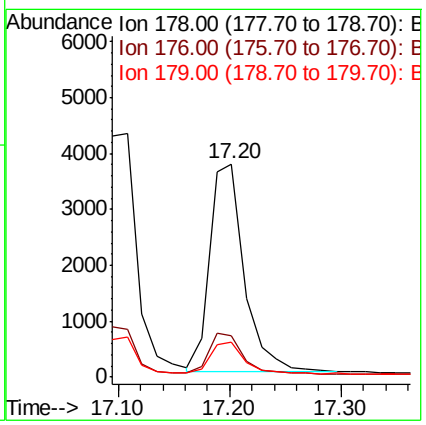


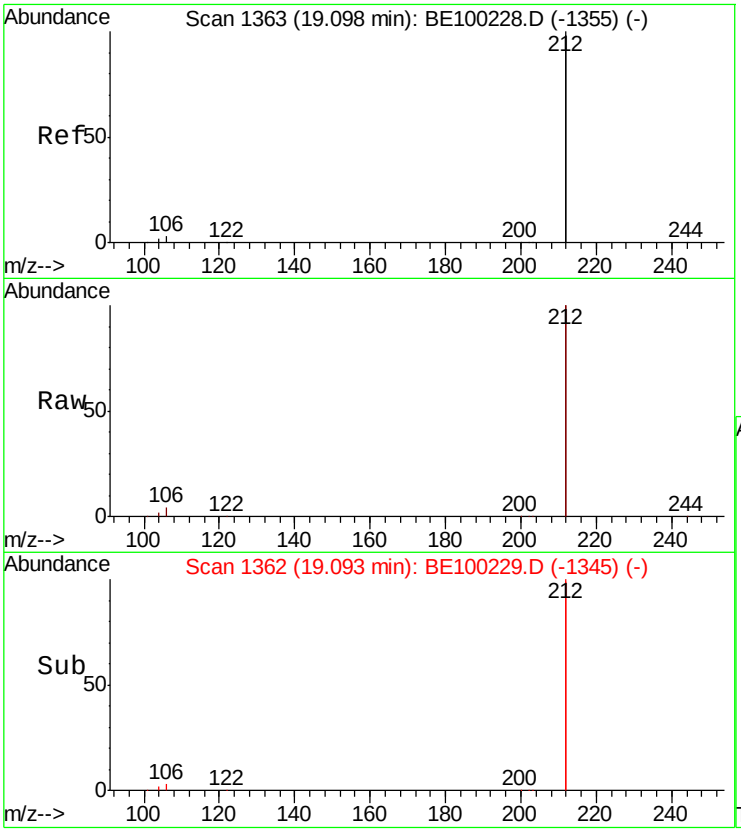


#24
Anthracene
Concen: 0.876 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:178 Resp: 7980

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	14.7	12.2	18.2



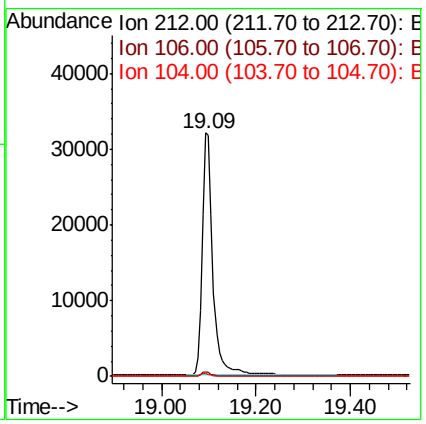


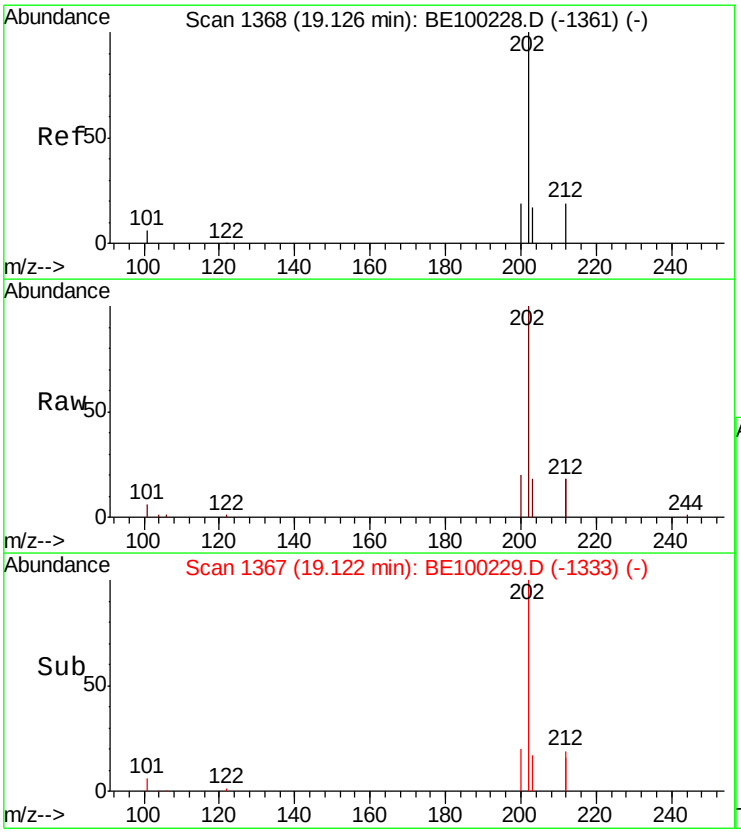
#25
Fluoranthene-d10
Concen: 0.782 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 51308

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

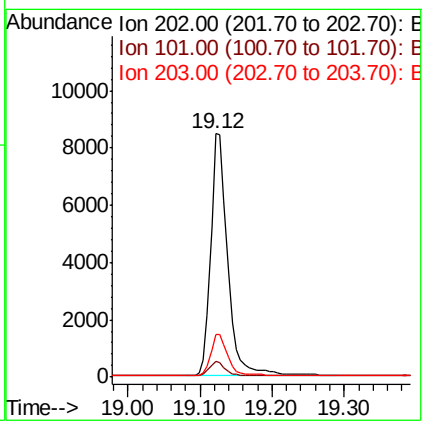


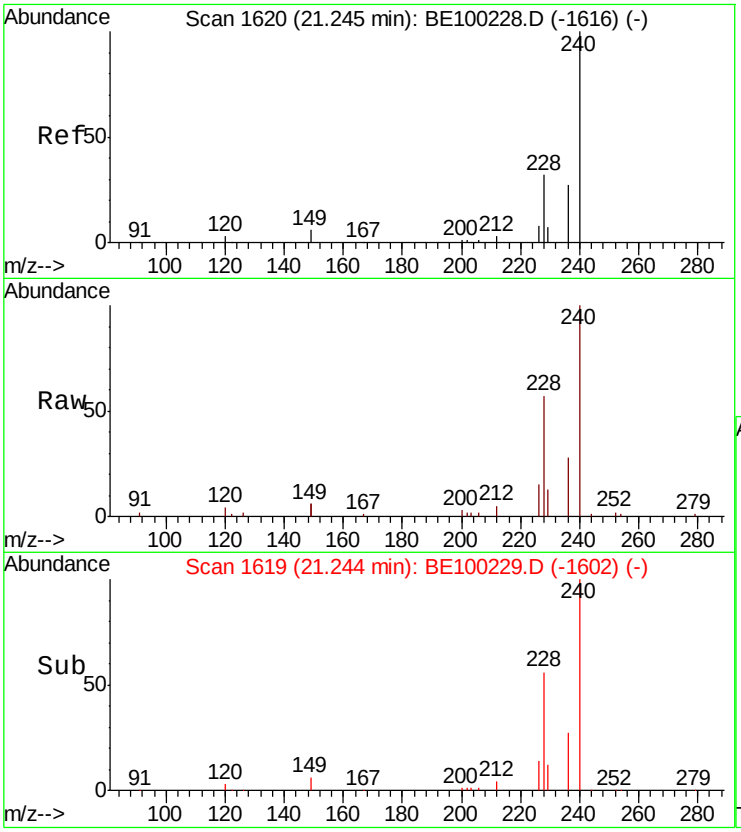


#26
Fluoranthene
Concen: 0.788 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:202 Resp: 13832

Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.6	7.0
203	16.8	13.7	20.5



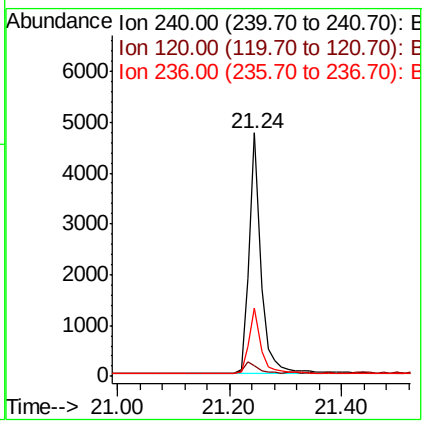


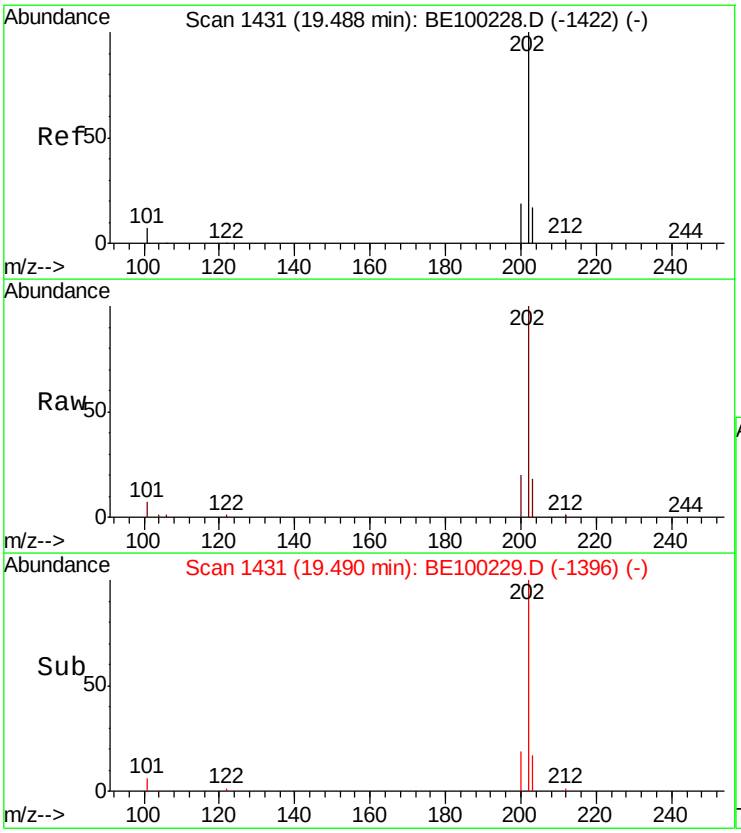
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7045

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.3	4.9
236	28.1	22.6	34.0

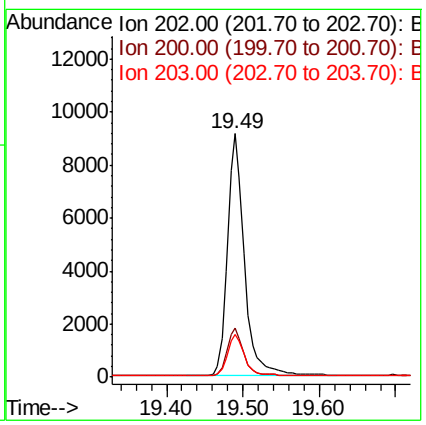


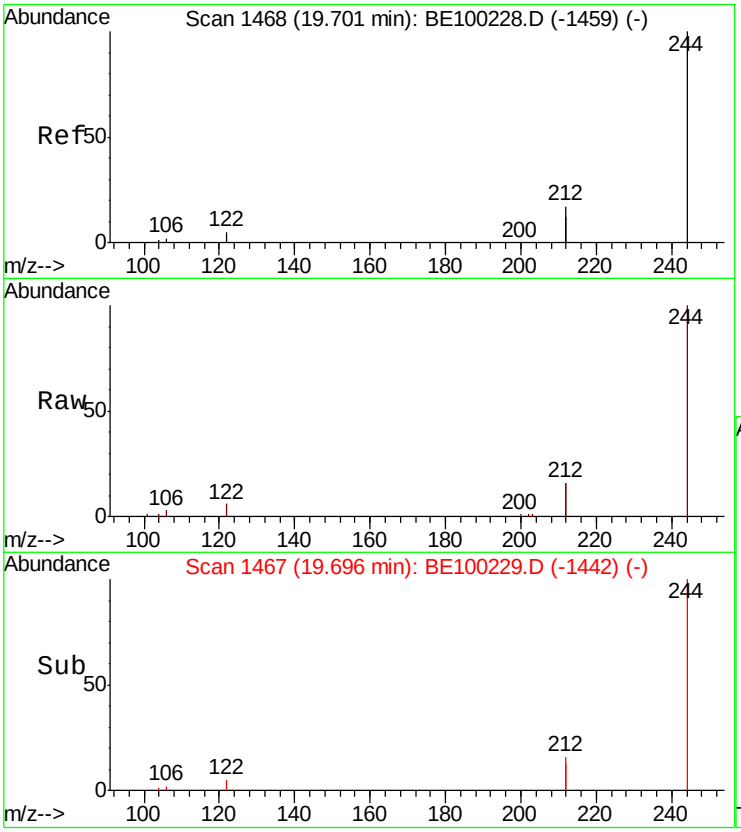


#28
Pyrene
Concen: 0.787 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:202 Resp: 14190

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	17.5	14.0	21.0



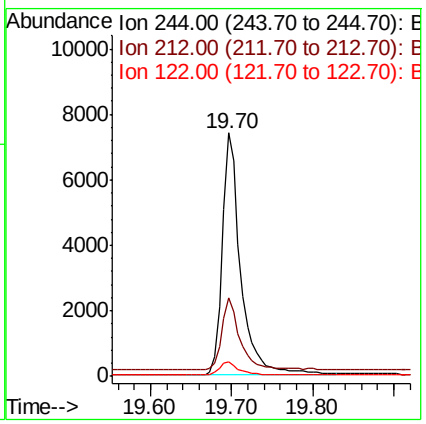


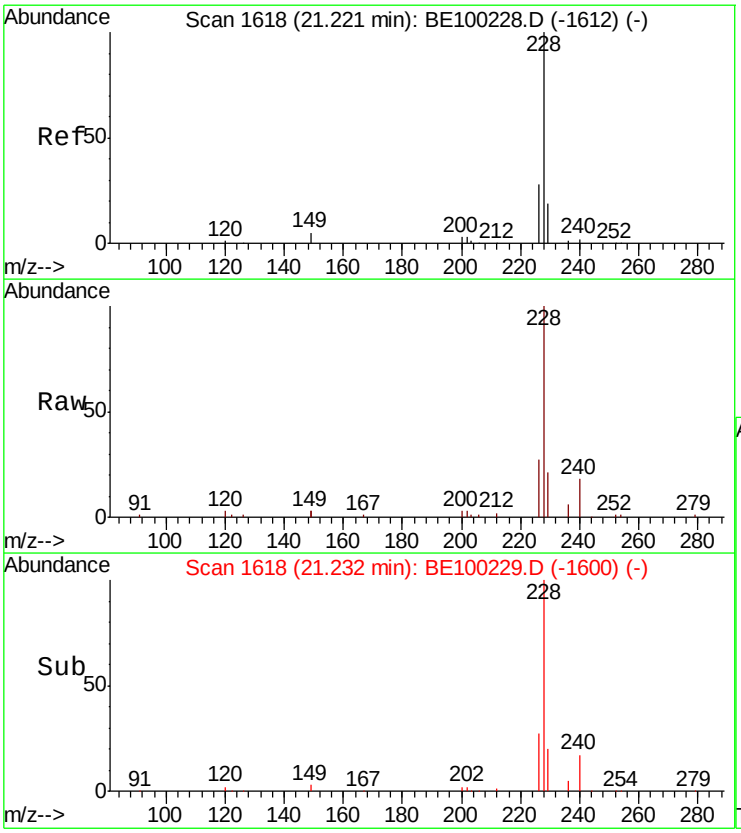
#29
Terphenyl-d14
Concen: 0.839 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 11603

Ion	Ratio	Lower	Upper
244	100		
212	32.2	27.3	40.9
122	6.1	4.7	7.1

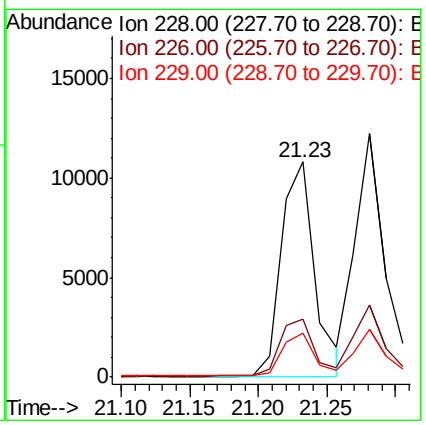


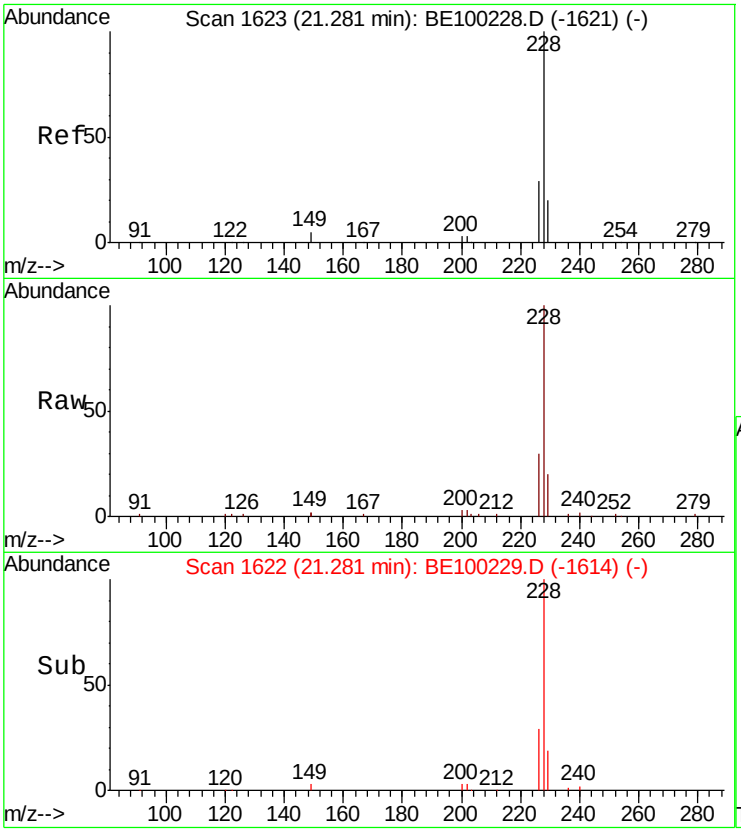


#30
Benzo(a)anthracene
Concen: 0.866 ng
RT: 21.23 min Scan# 1618
Delta R.T. 0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:228 Resp: 17988

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.2	34.8
229	20.6	15.7	23.5



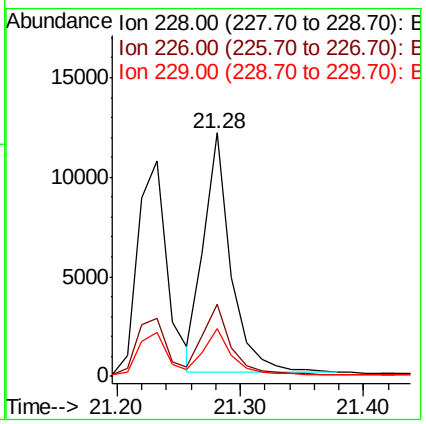


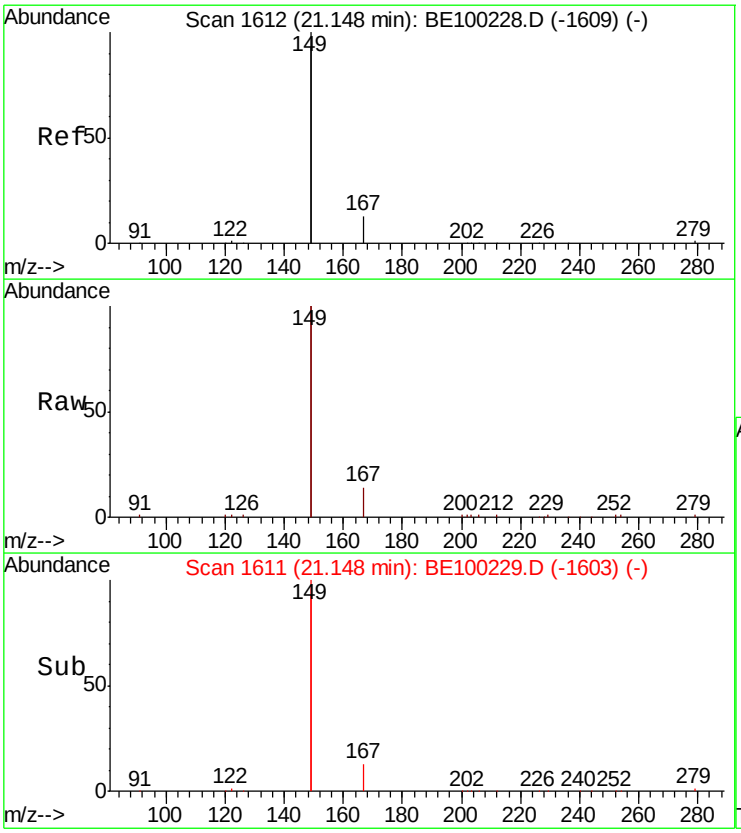
#31
Chrysene
Concen: 0.752 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 18325

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	19.6	16.5	24.7

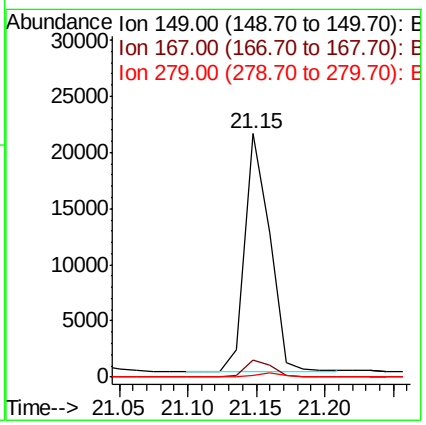


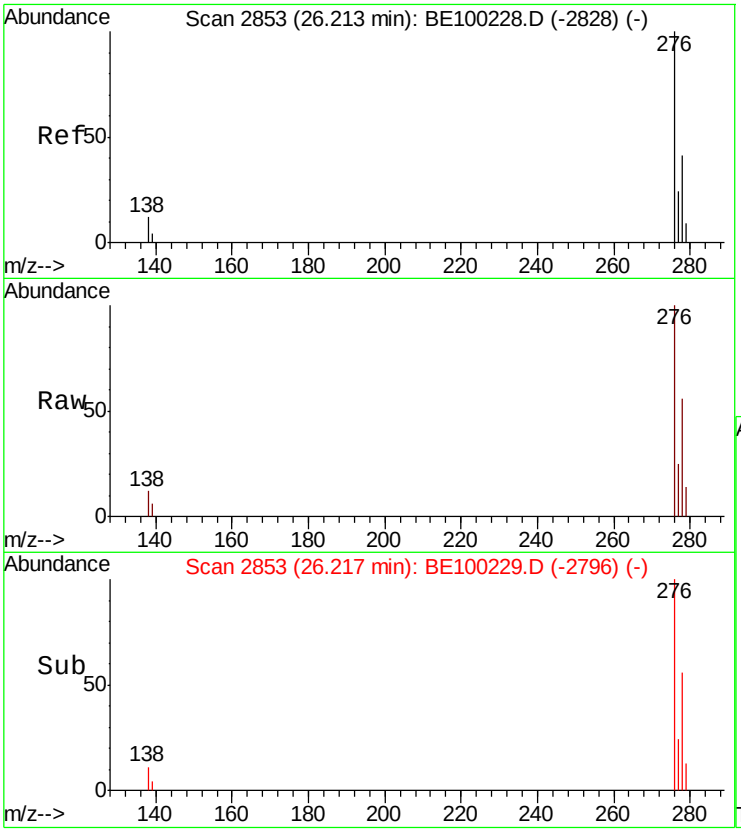


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.111 ng
RT: 21.15 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:149 Resp: 26524

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.8	8.8
279	1.4	1.1	1.7



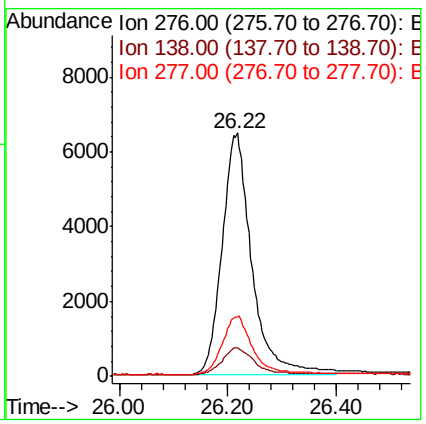


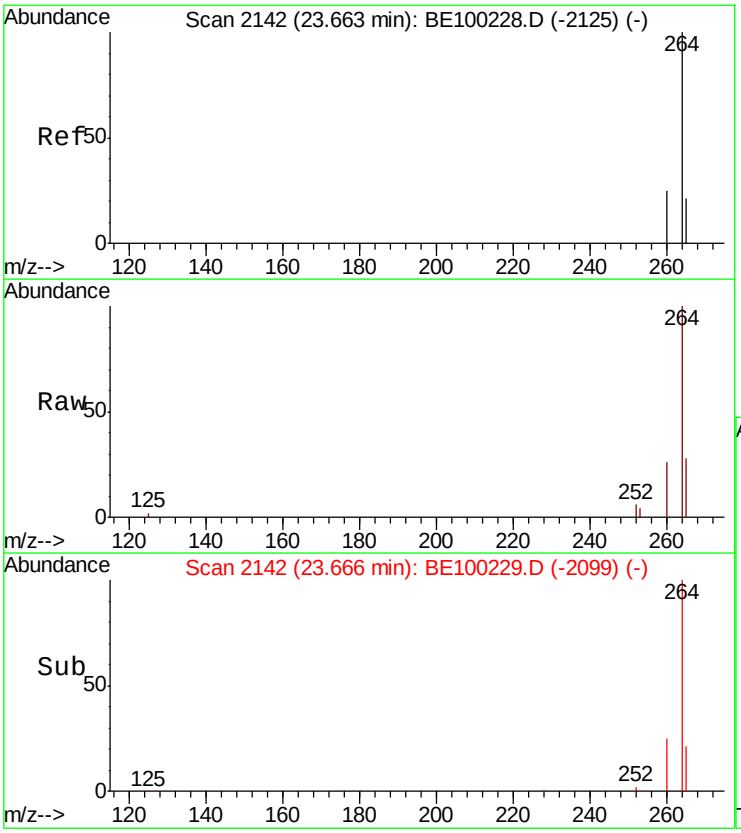
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.704 ng
RT: 26.22 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24422

Ion	Ratio	Lower	Upper
276	100		
138	11.5	9.4	14.0
277	24.4	19.2	28.8

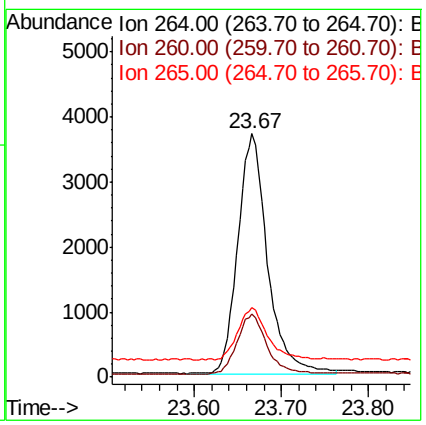


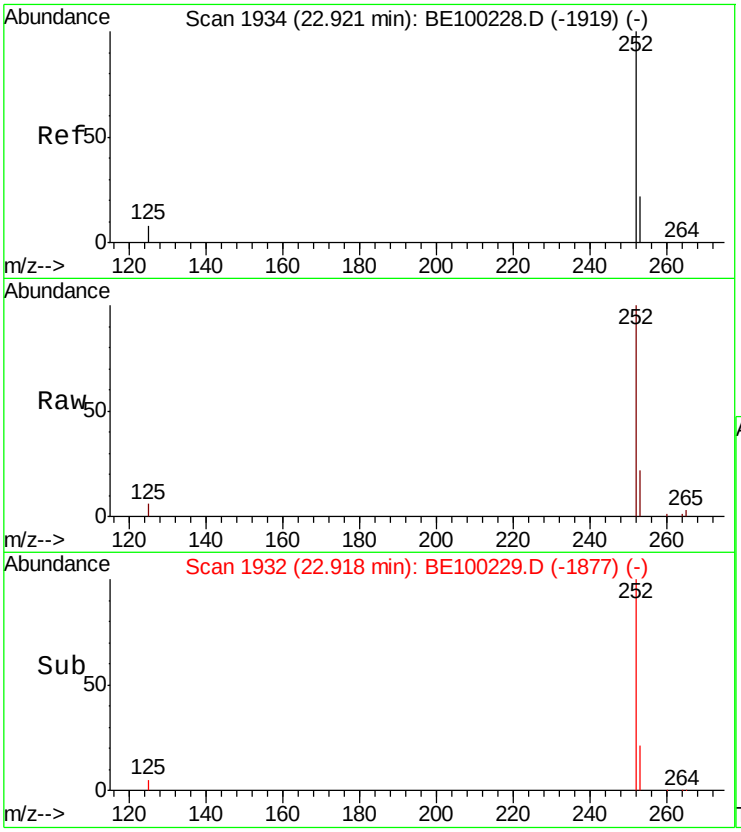


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:264 Resp: 8704

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.8	31.2
265	28.3	21.8	32.6



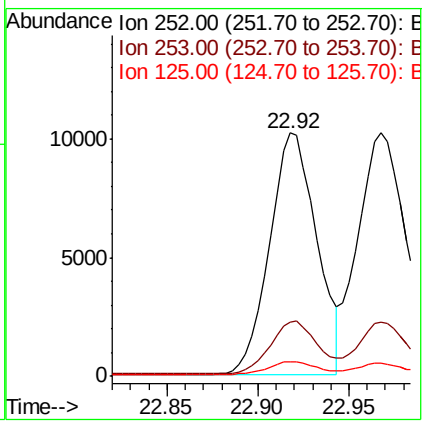


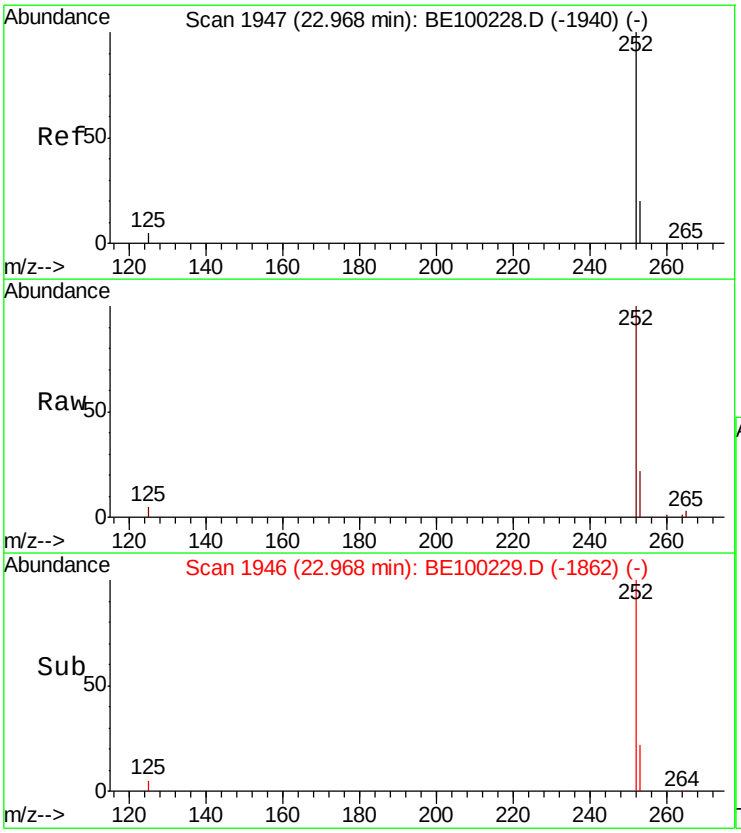
#35
Benzo(b)fluoranthene
Concen: 0.779 ng
RT: 22.92 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18230

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	6.0	7.4	11.0#

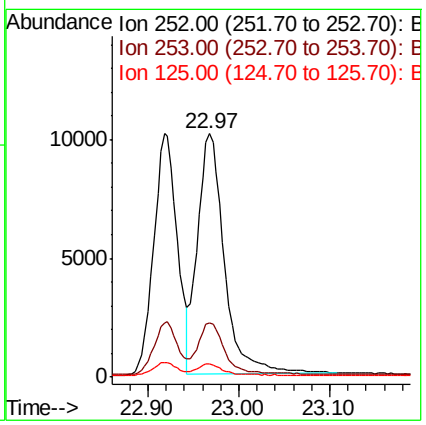


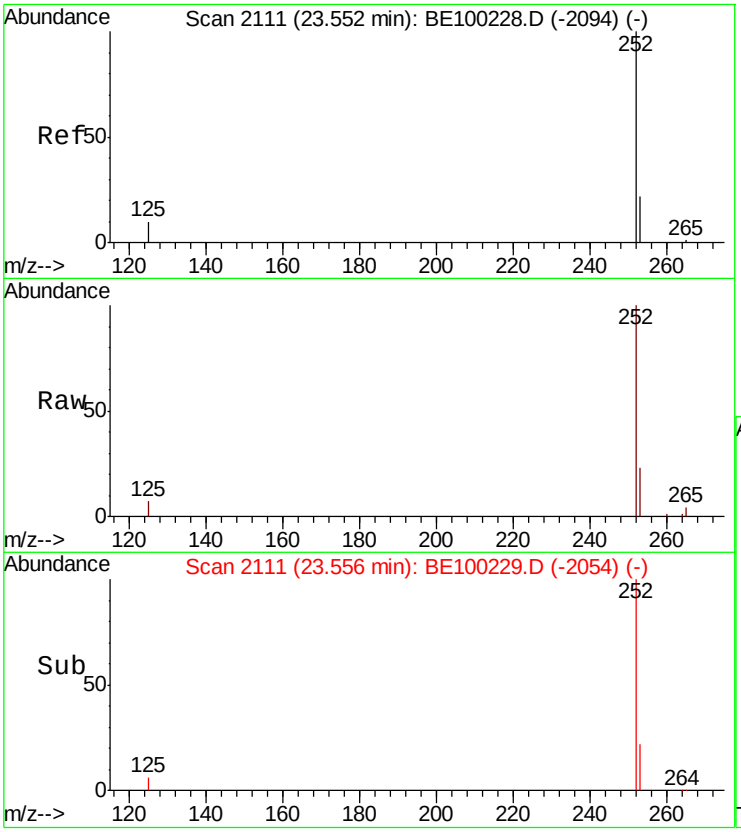


#36
Benzo(k)fluoranthene
Concen: 0.732 ng
RT: 22.97 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:252 Resp: 20502

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	5.4	5.0	7.4



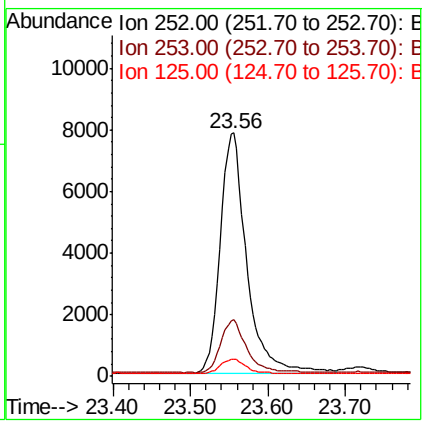


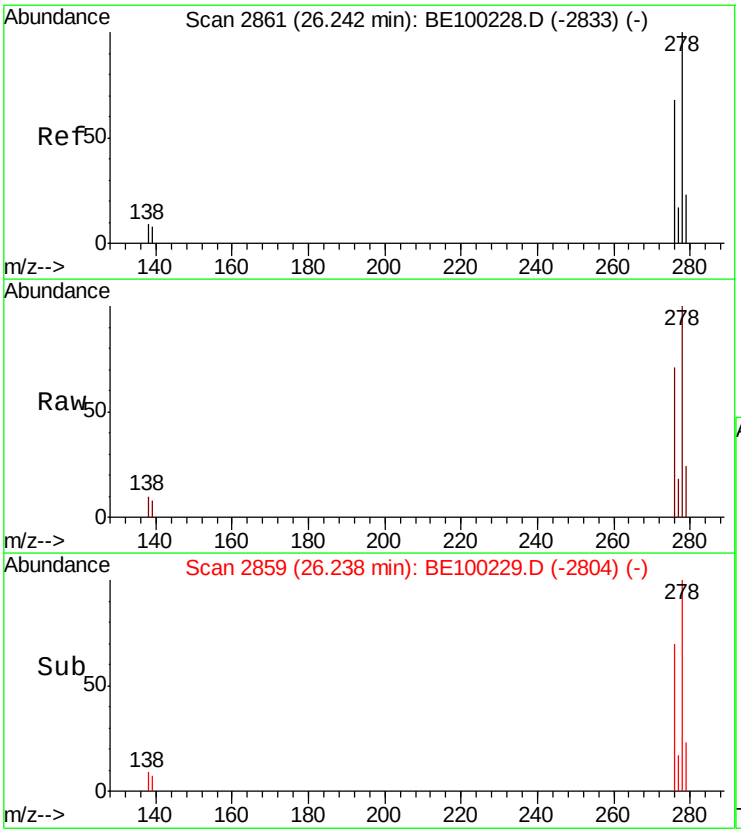
#37
Benzo(a)pyrene
Concen: 0.766 ng
RT: 23.56 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18578

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.6	29.4
125	7.0	9.0	13.6#

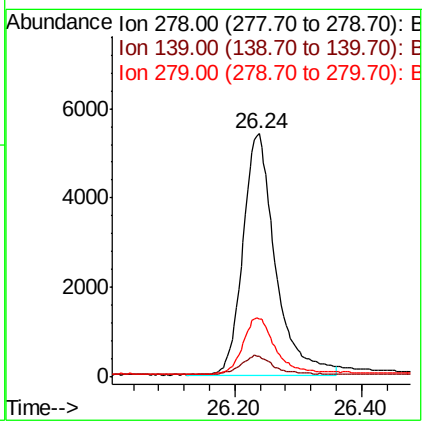


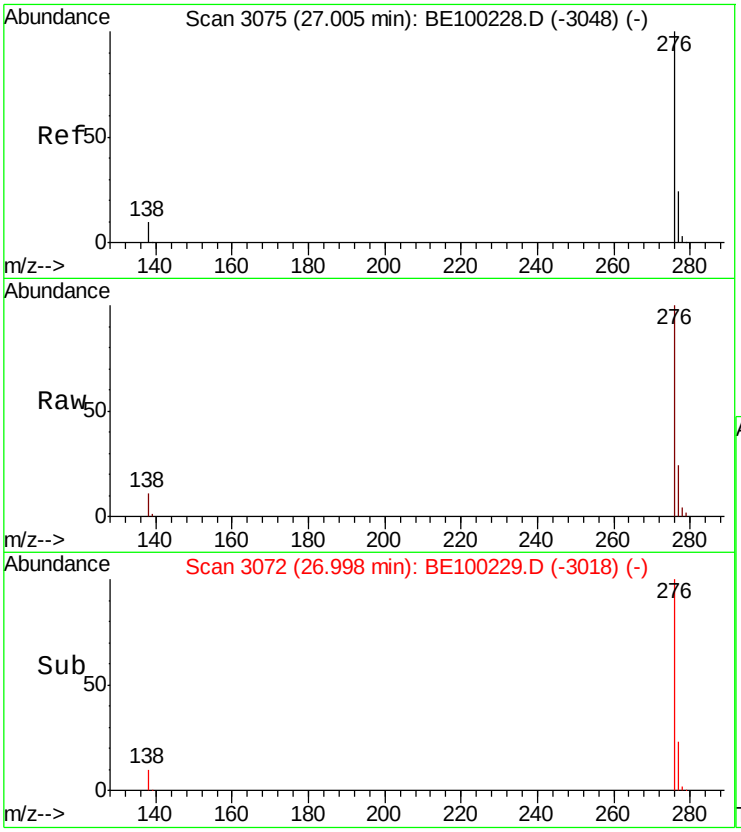


#38
Dibenzo(a,h)anthracene
Concen: 0.737 ng
RT: 26.24 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Tgt Ion:278 Resp: 19131

Ion	Ratio	Lower	Upper
278	100		
139	8.4	8.2	12.2
279	23.9	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.743 ng
RT: 27.00 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BE100229.D
Acq: 28 Jun 2019 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20126

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.2	30.2
138	10.8	9.0	13.6