Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100510.D
Acq On : 18 Sep 2019 16:54
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 18 17:31:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 17:04:18 2019
Response via : Initial Calibration

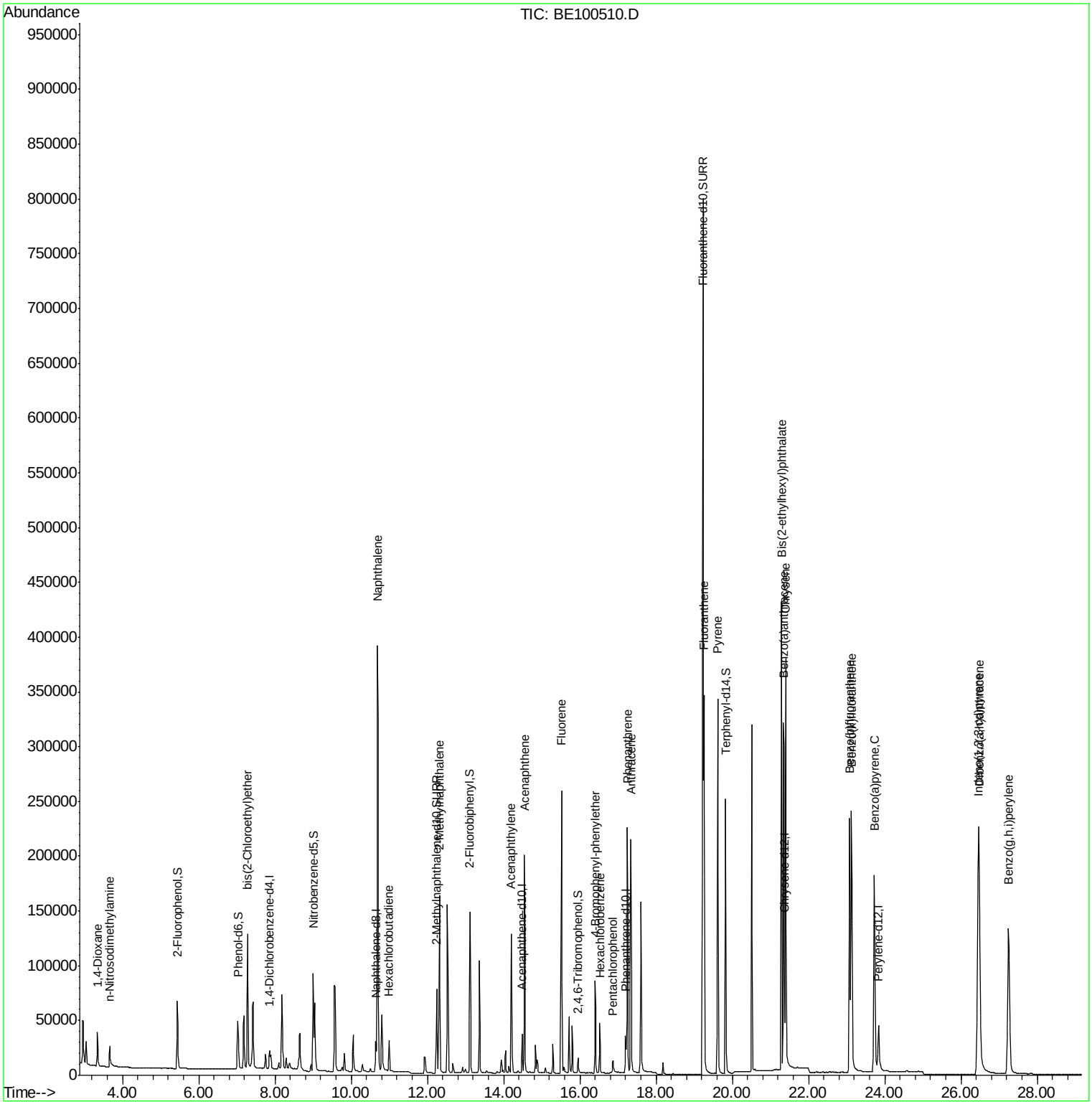
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	7737	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	36668	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	19896	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	47396	0.40	ng		0.00
27) Chrysene-d12	21.37	240	59116	0.40	ng		0.00
34) Perylene-d12	23.84	264	63393	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	39219	2.08	ng		-0.01
5) Phenol-d6	7.02	99	51409	1.91	ng		0.00
8) Nitrobenzene-d5	9.00	82	34860	1.14	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	99563	1.64	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	7679	0.89	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	126703	1.57	ng		0.00
25) Fluoranthene-d10	19.23	212	1056587	1.63	ng		0.00
29) Terphenyl-d14	19.82	244	237941	1.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	21118	1.816	ng		99
3) n-Nitrosodimethylamine	3.66	42	13955	1.970	ng	#	96
6) bis(2-Chloroethyl)ether	7.28	93	48396	2.092	ng		97
9) Naphthalene	10.69	128	674609	1.915	ng		100
10) Hexachlorobutadiene	10.99	225	21210	1.260	ng		99
12) 2-Methylnaphthalene	12.31	142	113708	1.795	ng		100
16) Acenaphthylene	14.20	152	176482	1.919	ng		100
17) Acenaphthene	14.54	154	109157	1.971	ng		99
18) Fluorene	15.52	166	142151	1.925	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	40723	1.806	ng	#	62
21) Hexachlorobenzene	16.52	284	32288	1.391	ng		98
22) Pentachlorophenol	16.87	266	9520	0.973	ng		100
23) Phenanthrene	17.24	178	240445	2.070	ng		100
24) Anthracene	17.34	178	220588	1.994	ng		100
26) Fluoranthene	19.26	202	304931	1.823	ng		99
28) Pyrene	19.61	202	310242	1.684	ng		100
30) Benzo(a)anthracene	21.34	228	322352	1.787	ng		99
31) Chrysene	21.40	228	327226	1.836	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	547999	1.322	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.45	276	386737	1.991	ng		98
35) Benzo(b)fluoranthene	23.08	252	326688	1.882	ng		98
36) Benzo(k)fluoranthene	23.13	252	367154	2.017	ng		98
37) Benzo(a)pyrene	23.73	252	310674	1.842	ng		98
38) Dibenzo(a,h)anthracene	26.48	278	319808	2.006	ng		98
39) Benzo(g,h,i)perylene	27.25	276	322364	1.976	ng		99

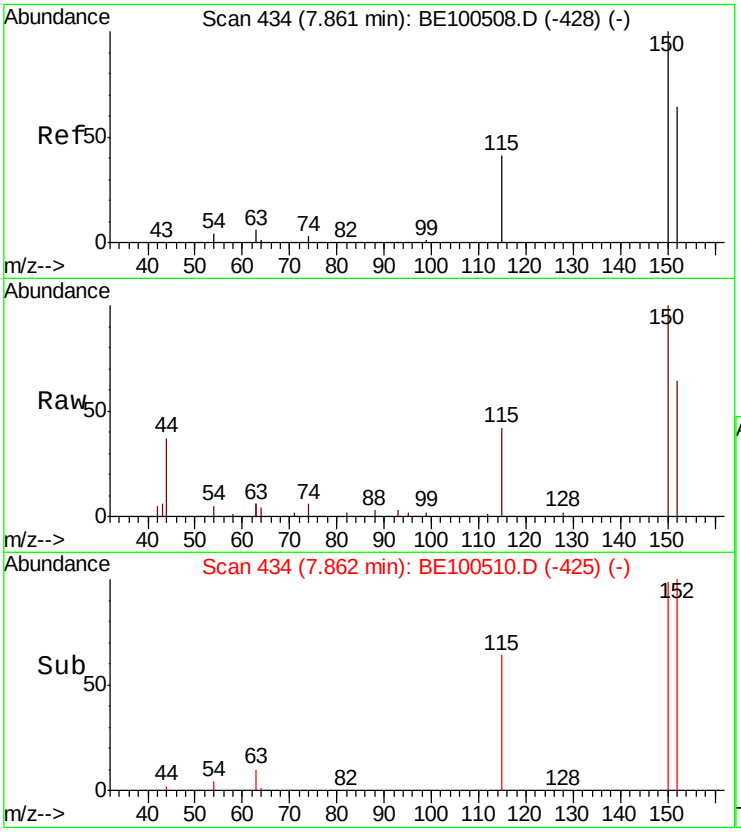
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100510.D
Acq On : 18 Sep 2019 16:54
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 18 17:31:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 17:04:18 2019
Response via : Initial Calibration



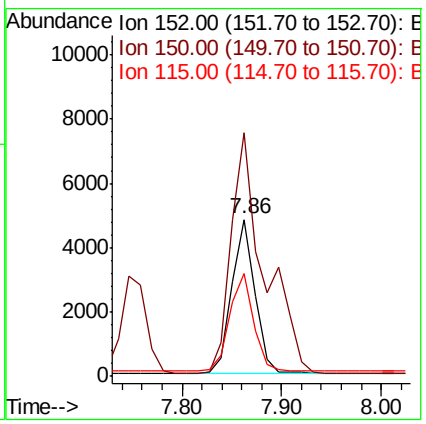


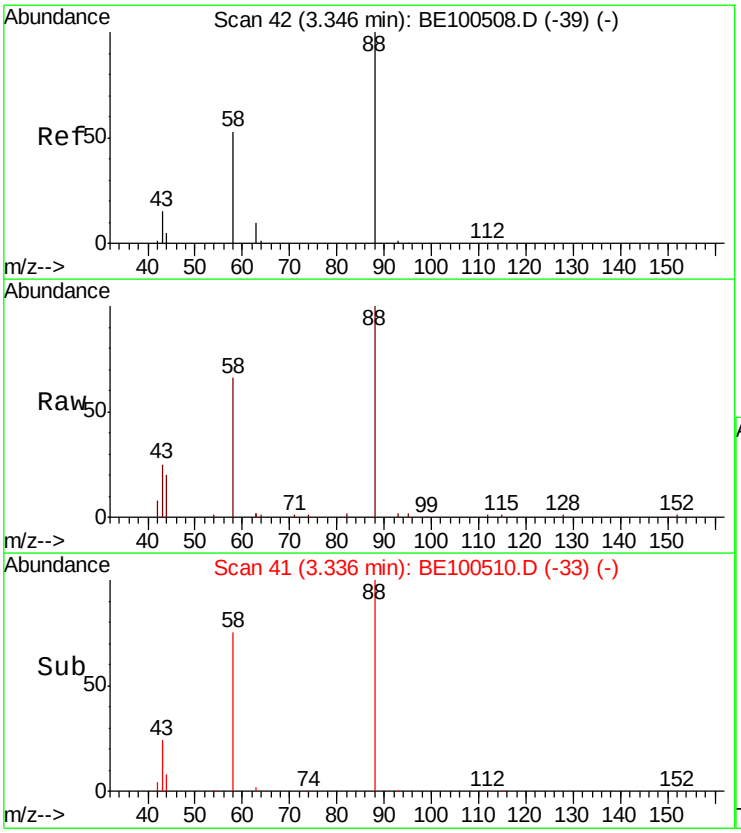
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7737

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	65.9	53.0	79.6

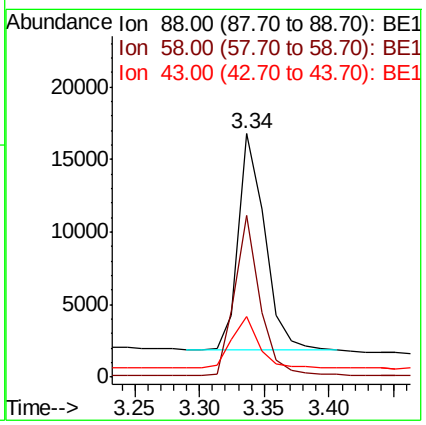


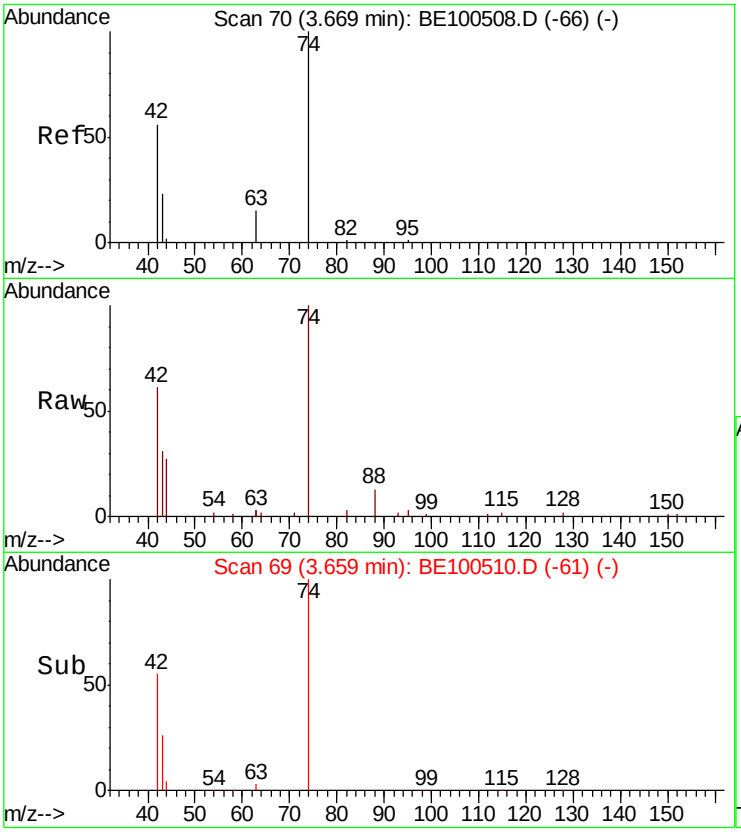


#2
1,4-Dioxane
Concen: 1.816 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion: 88 Resp: 21118

Ion	Ratio	Lower	Upper
88	100		
58	71.3	56.2	84.2
43	23.6	19.2	28.8



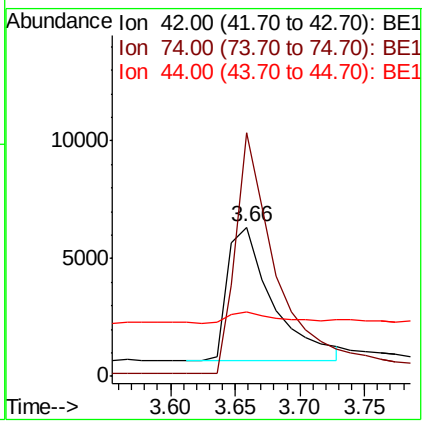


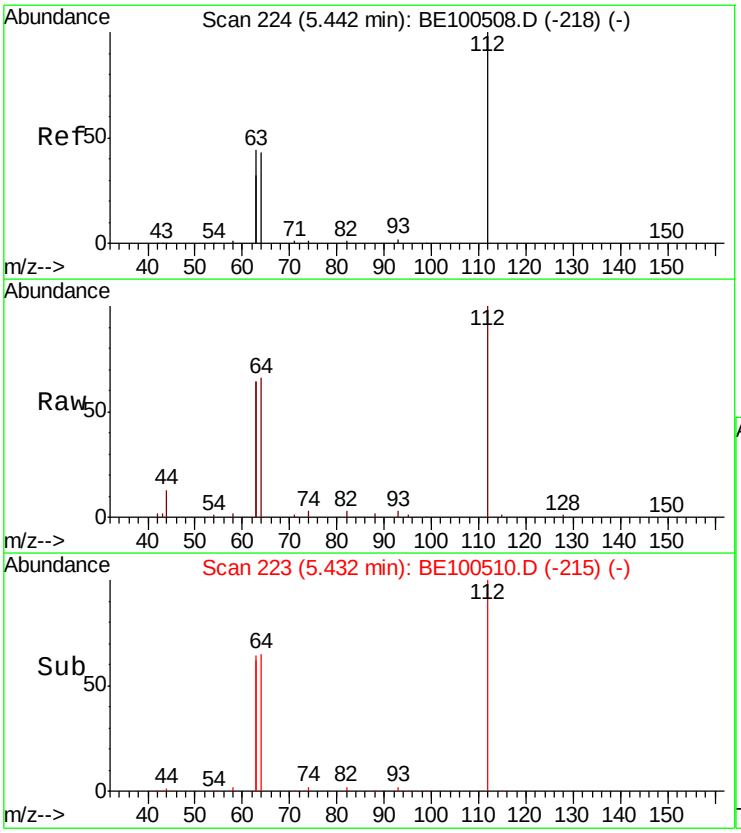
#3
n-Nitrosodimethylamine
Concen: 1.970 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 13955

Ion	Ratio	Lower	Upper
42	100		
74	159.5	127.2	190.8
44	9.2	18.2	27.4#

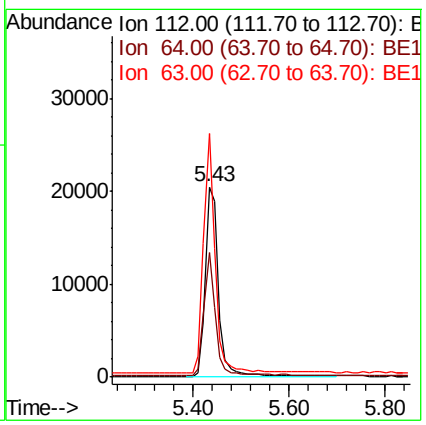


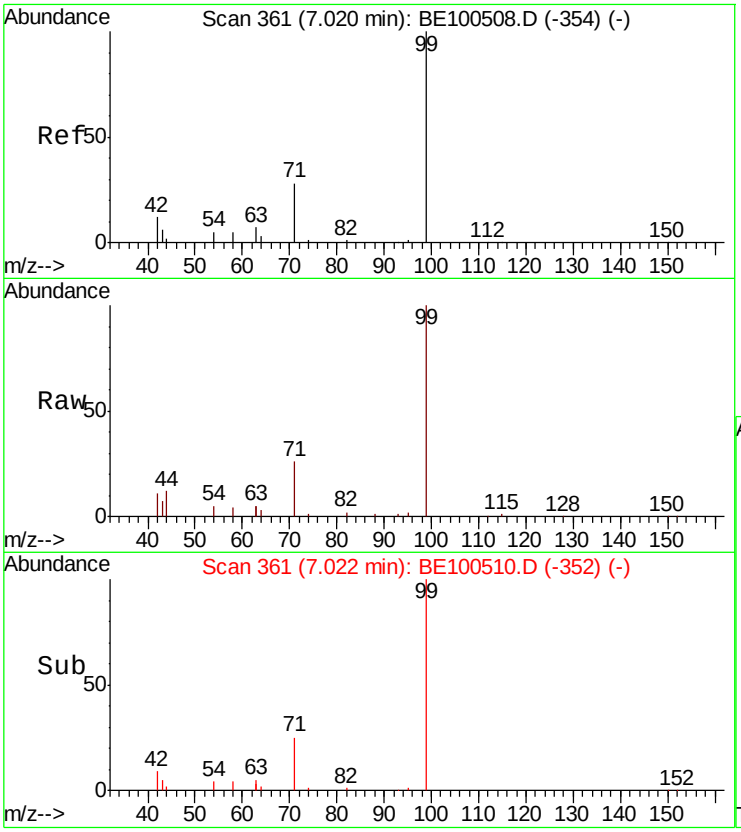


#4
2-Fluorophenol
Concen: 2.078 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.01 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:112 Resp: 39219

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.2	69.2
63	110.0	88.2	132.4



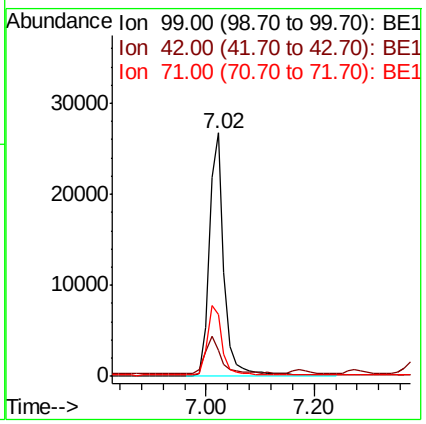


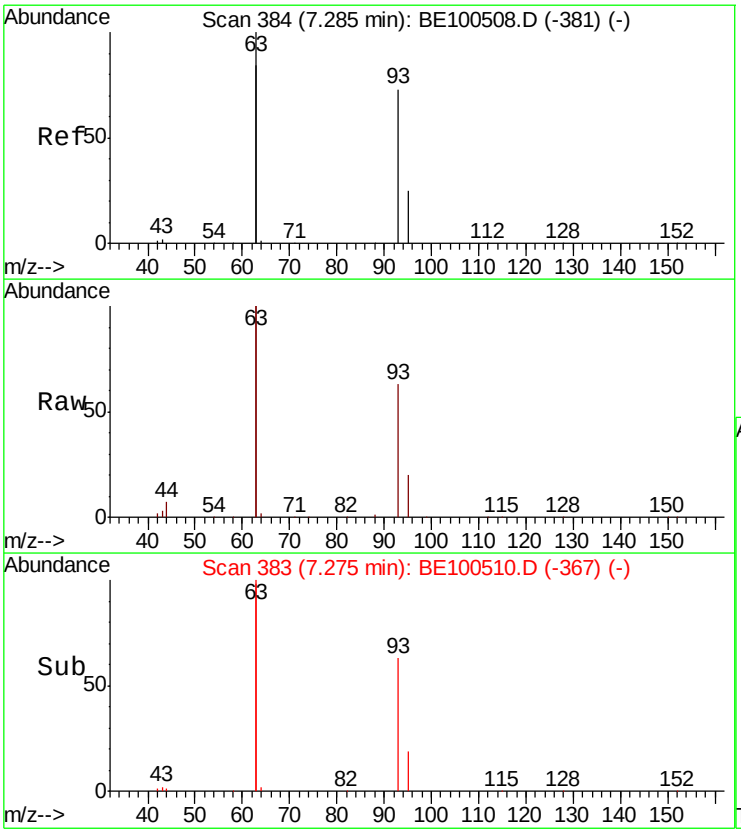
#5
Phenol-d6
Concen: 1.907 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 51409

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.0	18.0
71	29.1	22.7	34.1

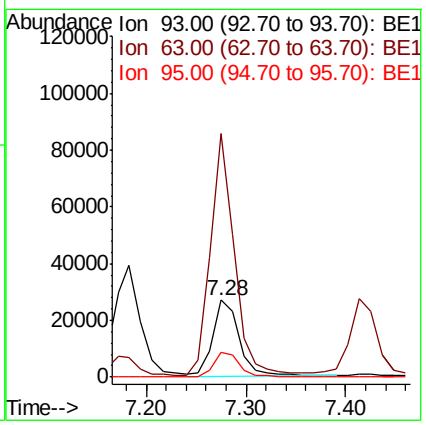


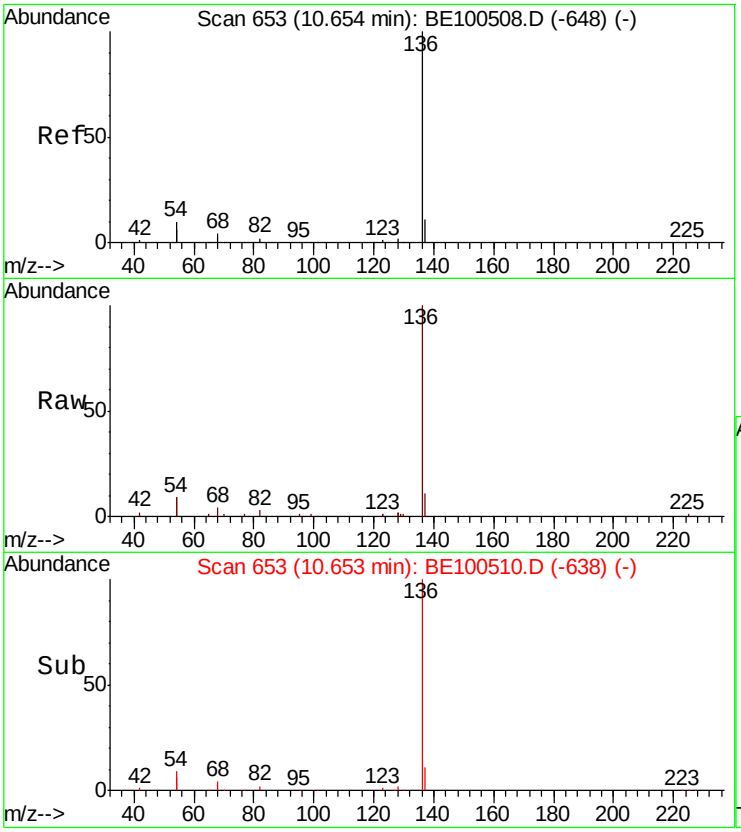


#6
bis(2-Chloroethyl)ether
Concen: 2.092 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion: 93 Resp: 48396

Ion	Ratio	Lower	Upper
93	100		
63	291.8	228.3	342.5
95	31.8	24.6	36.8



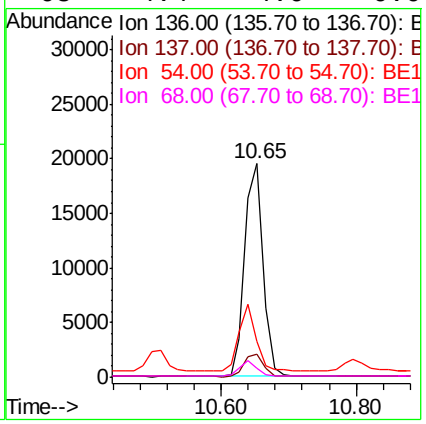


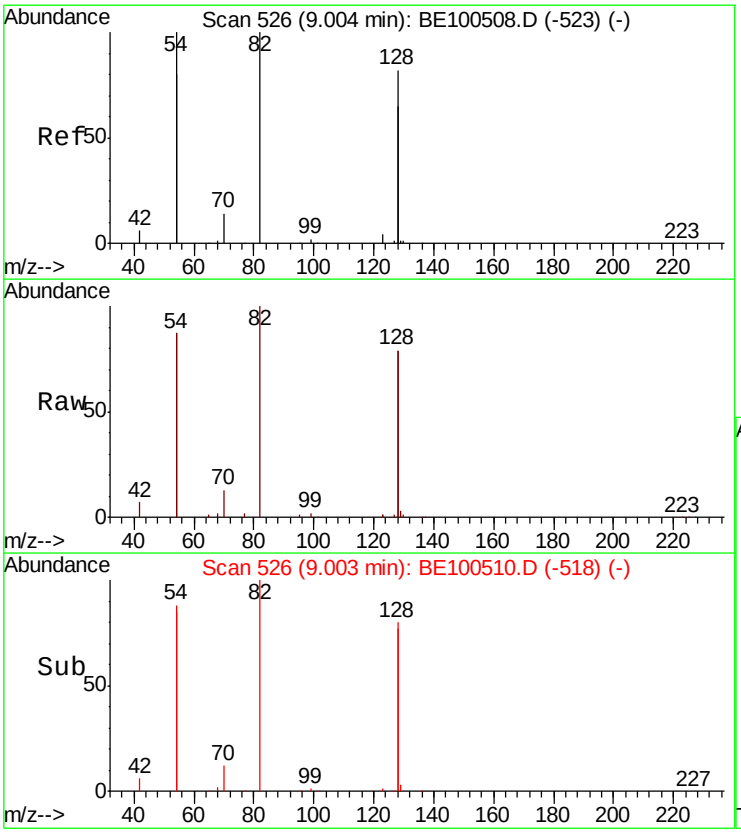
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 36668

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	17.0	15.4	23.0
68	4.4	4.0	6.0

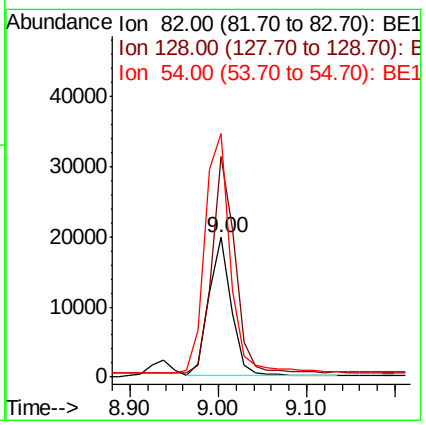


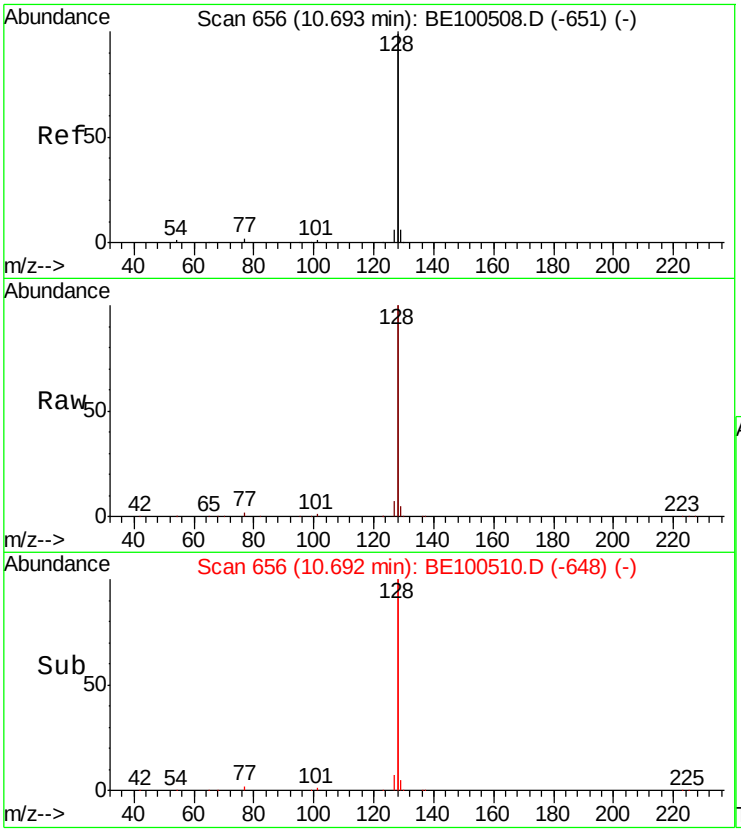


#8
Nitrobenzene-d5
Concen: 1.144 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion: 82 Resp: 34860

Ion	Ratio	Lower	Upper
82	100		
128	158.1	124.6	186.8
54	174.7	151.8	227.8



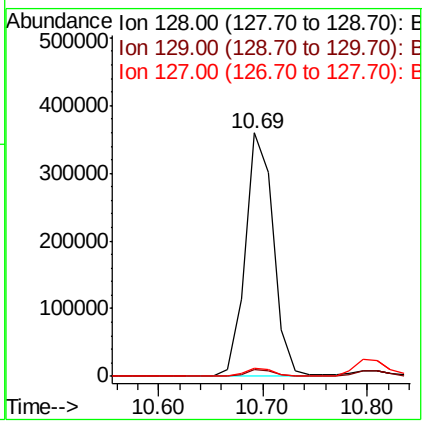


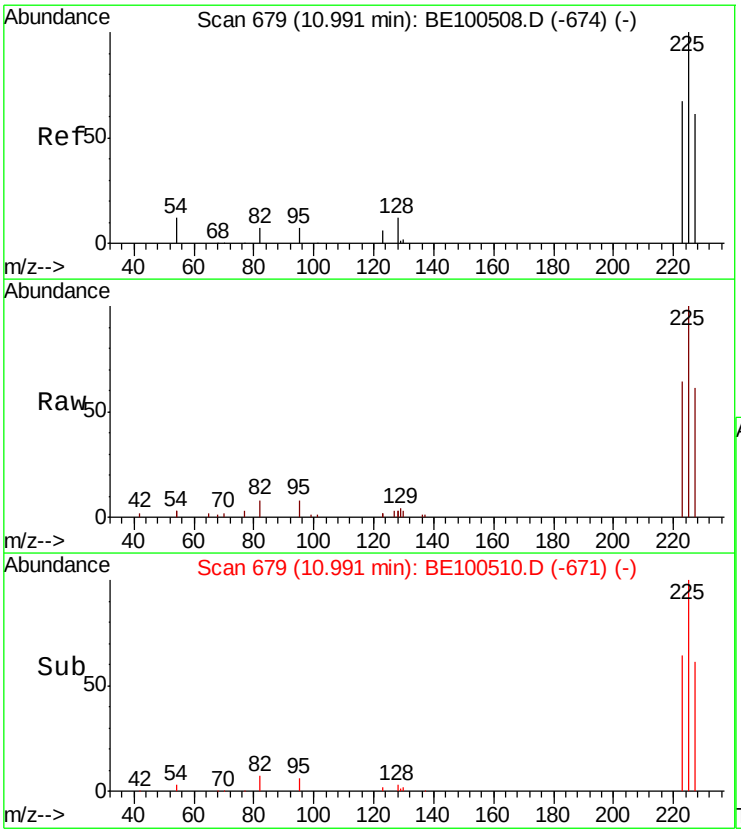
#9
Naphthalene
Concen: 1.915 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 674609

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.3	2.6	4.0

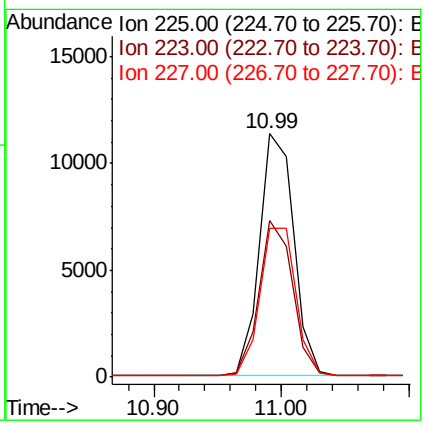


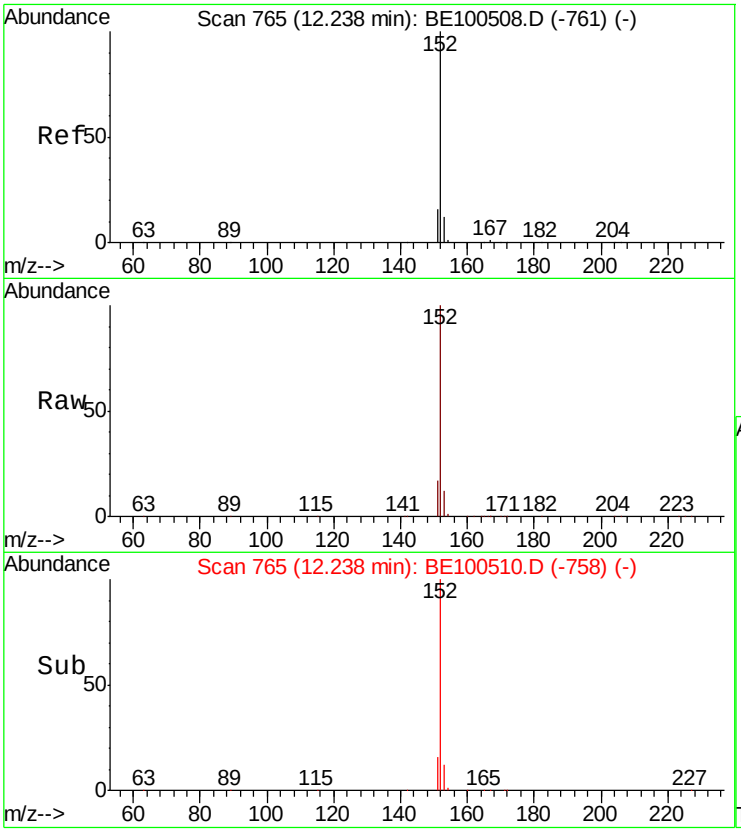


#10
Hexachlorobutadiene
Concen: 1.260 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:225 Resp: 21210

Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.3	51.6	77.4



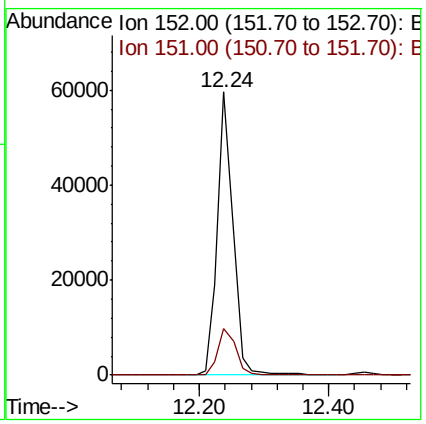


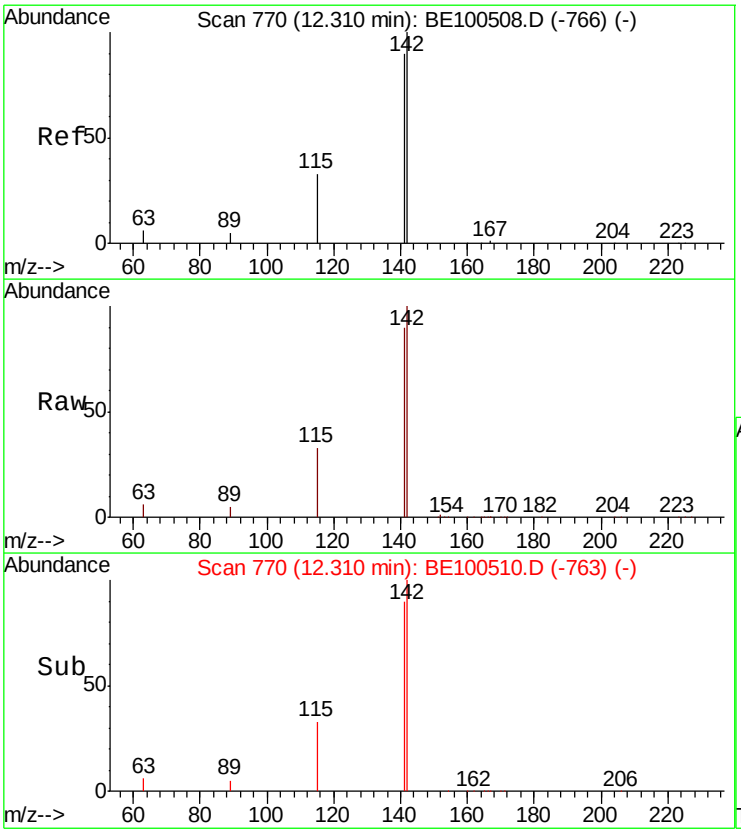
#11
2-Methylnaphthalene-d10
Concen: 1.639 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 99563

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

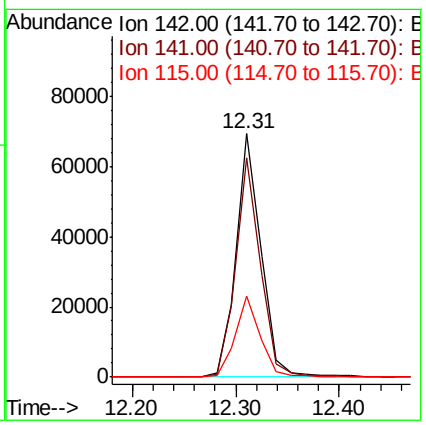


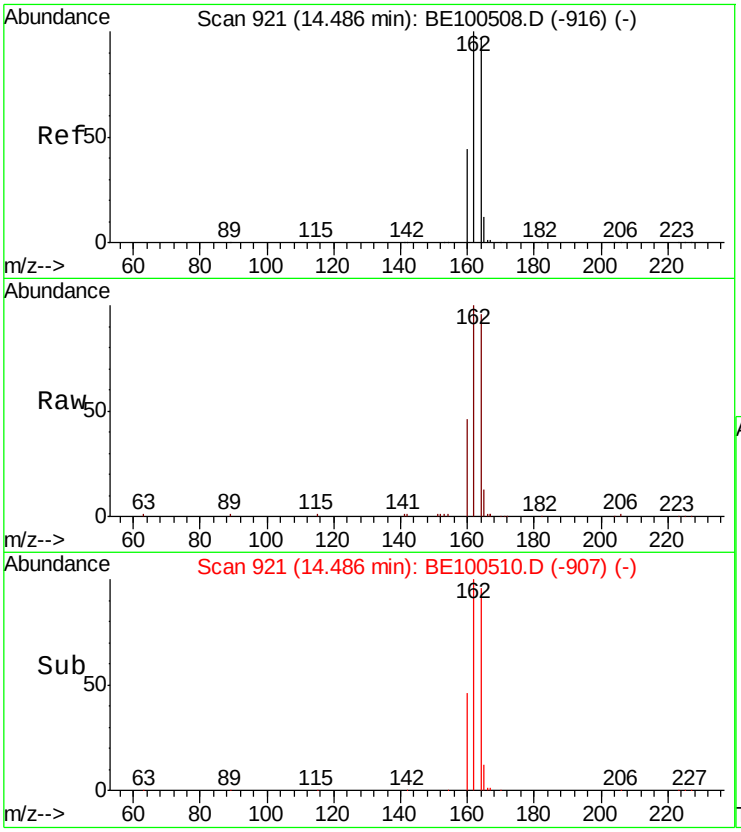


#12
2-Methylnaphthalene
Concen: 1.795 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:142 Resp: 113708

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.1	108.1
115	33.5	27.4	41.2



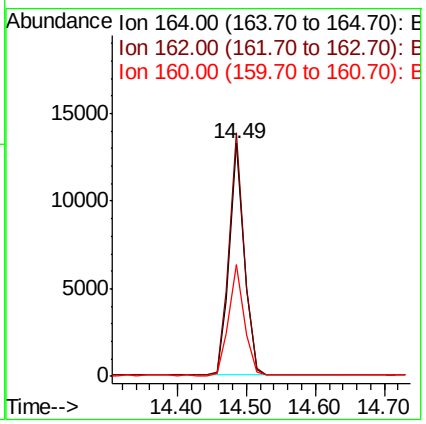


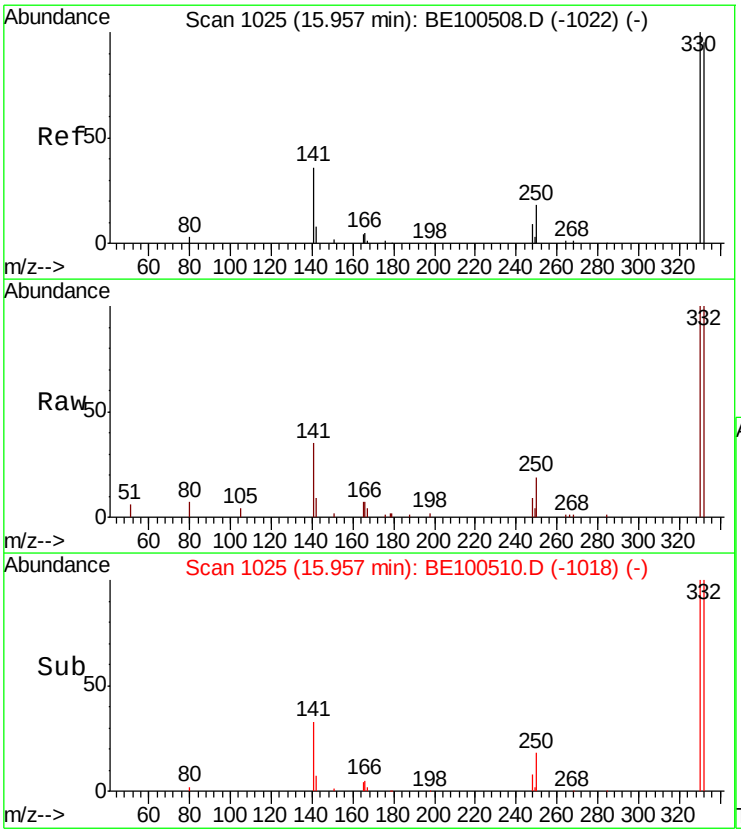
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 19896

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.8	124.2
160	48.1	36.8	55.2

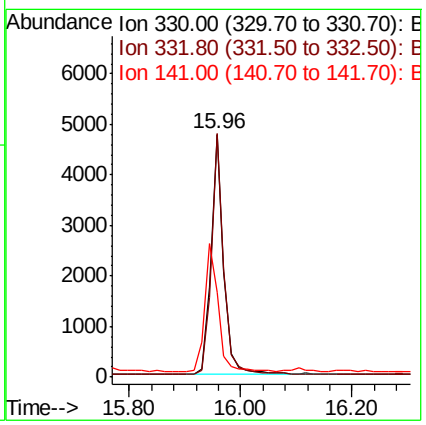


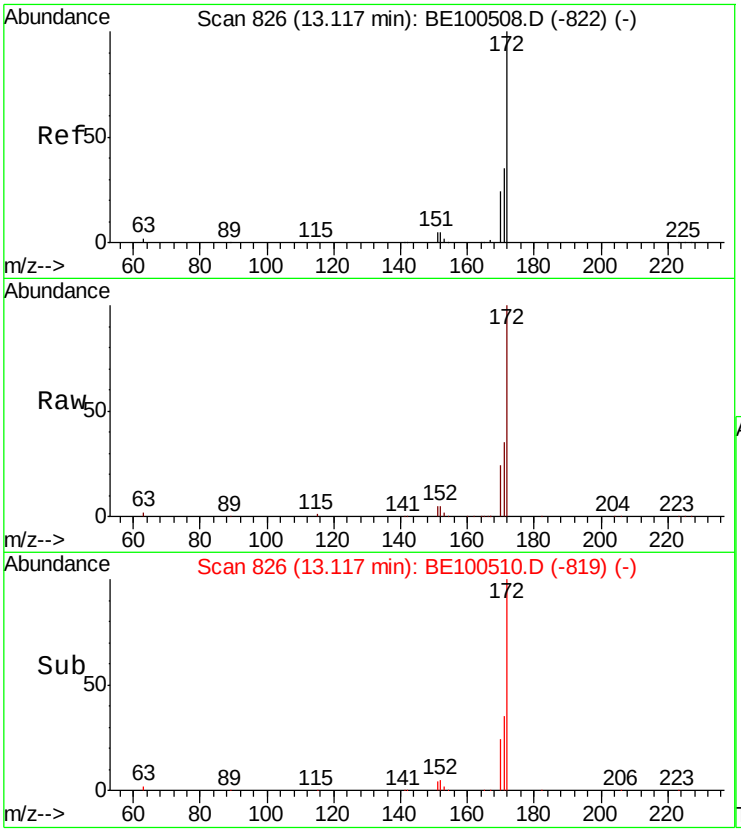


#14
2,4,6-Tribromophenol
Concen: 0.890 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:330 Resp: 7679

Ion	Ratio	Lower	Upper
330	100		
332	98.7	80.2	120.2
141	55.9	43.7	65.5



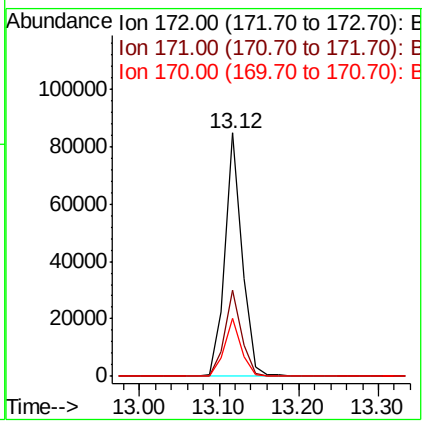


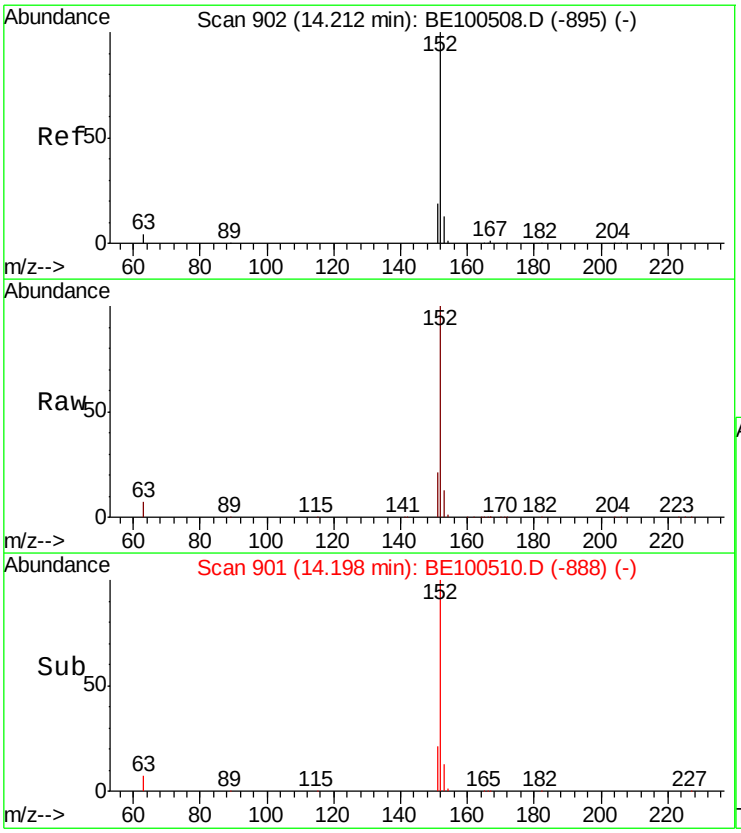
#15
2-Fluorobiphenyl
Concen: 1.566 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 126703

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.9	19.2	28.8

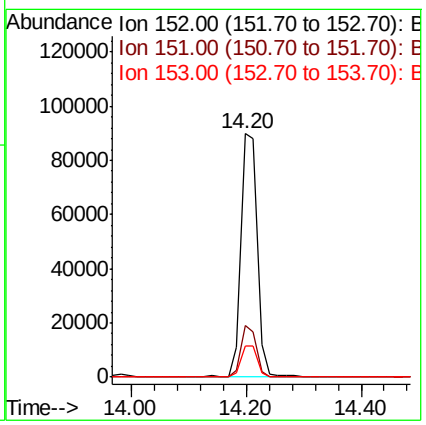


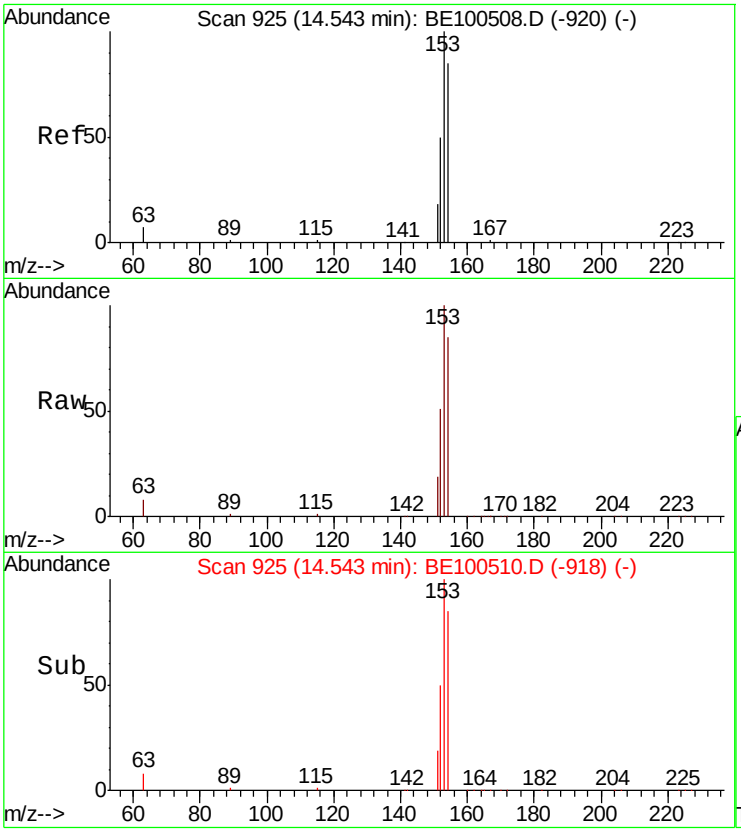


#16
Acenaphthylene
Concen: 1.919 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:152 Resp: 176482

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.2	15.2



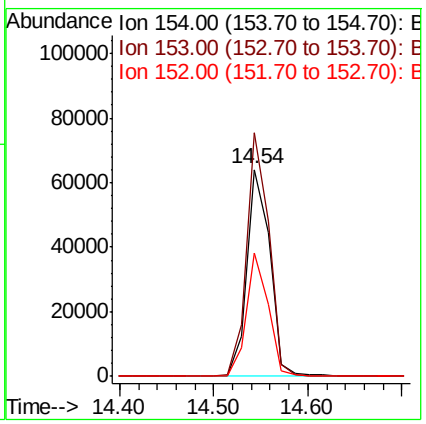


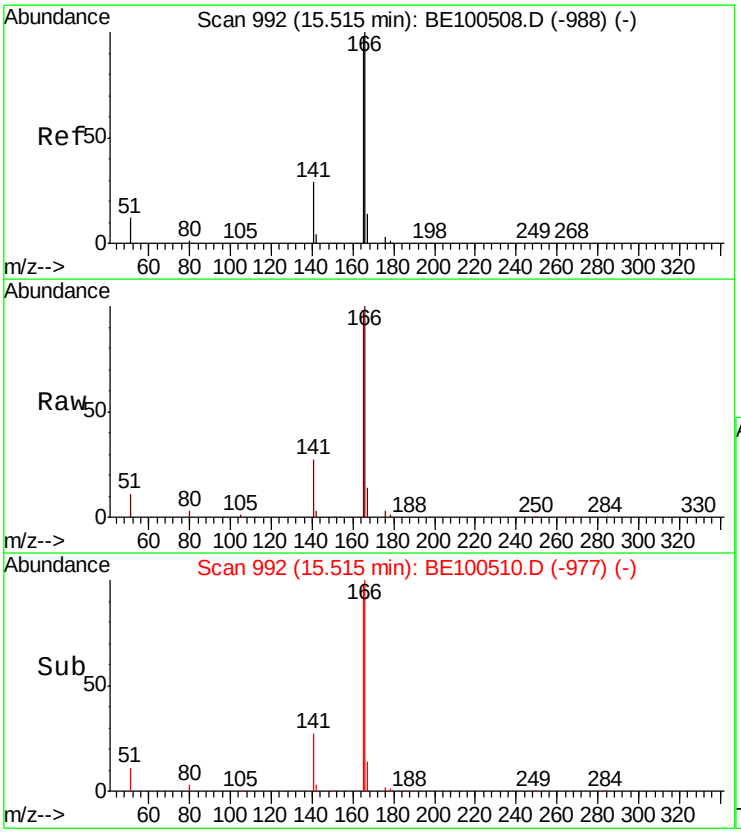
#17
Acenaphthene
Concen: 1.971 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 109157

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.5	137.3
152	56.7	44.9	67.3

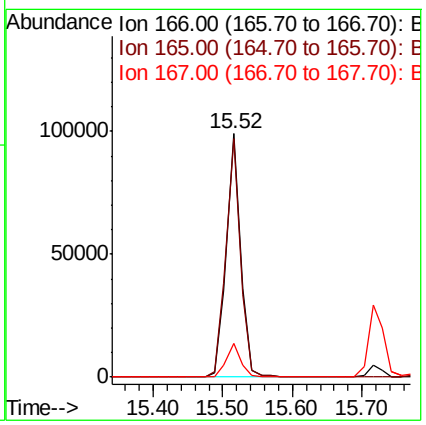


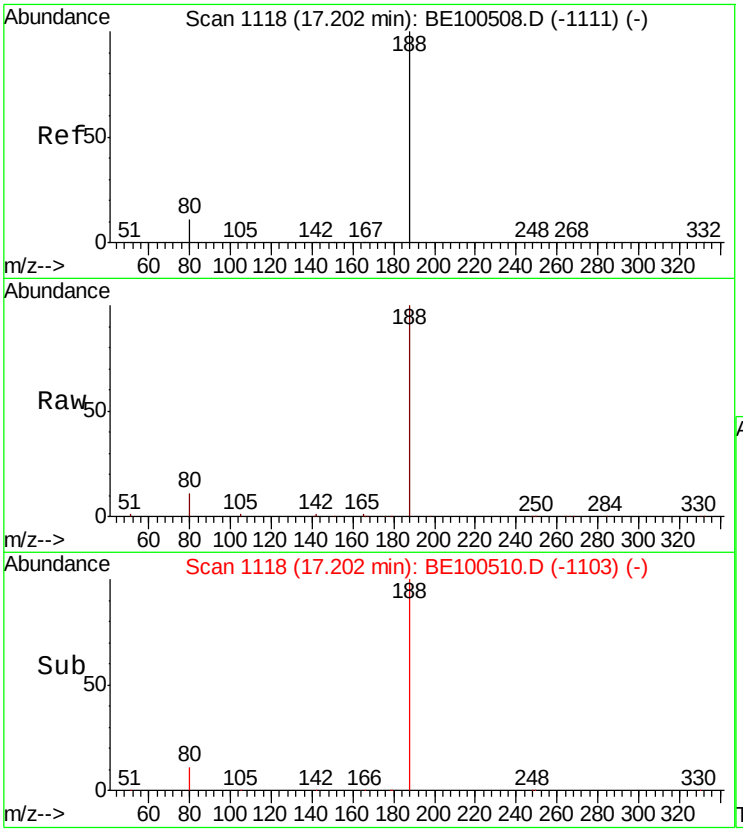


#18
Fluorene
Concen: 1.925 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:166 Resp: 142151

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.9	118.3
167	13.7	10.9	16.3



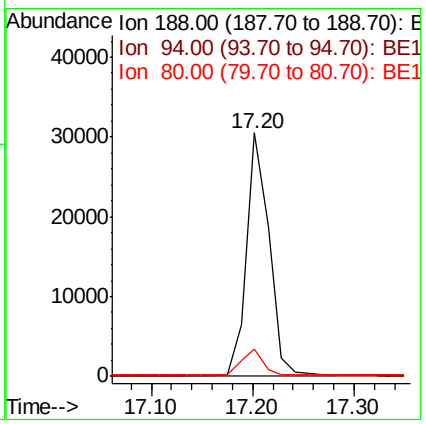


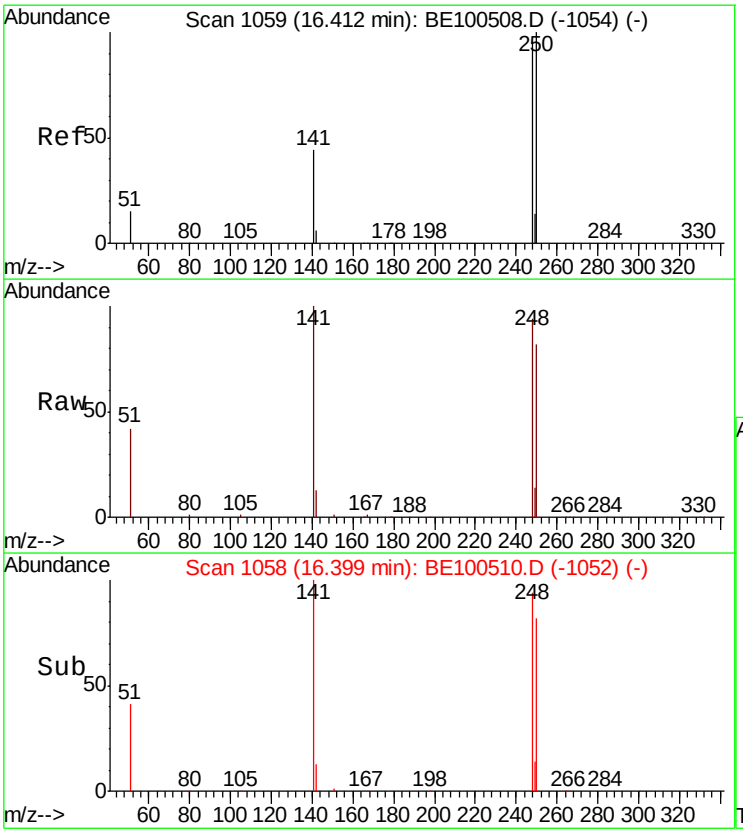
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 47396

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	9.0	13.6

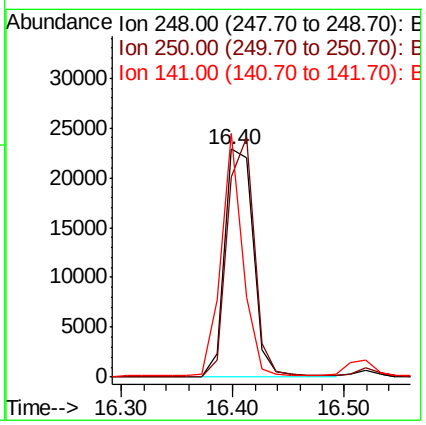


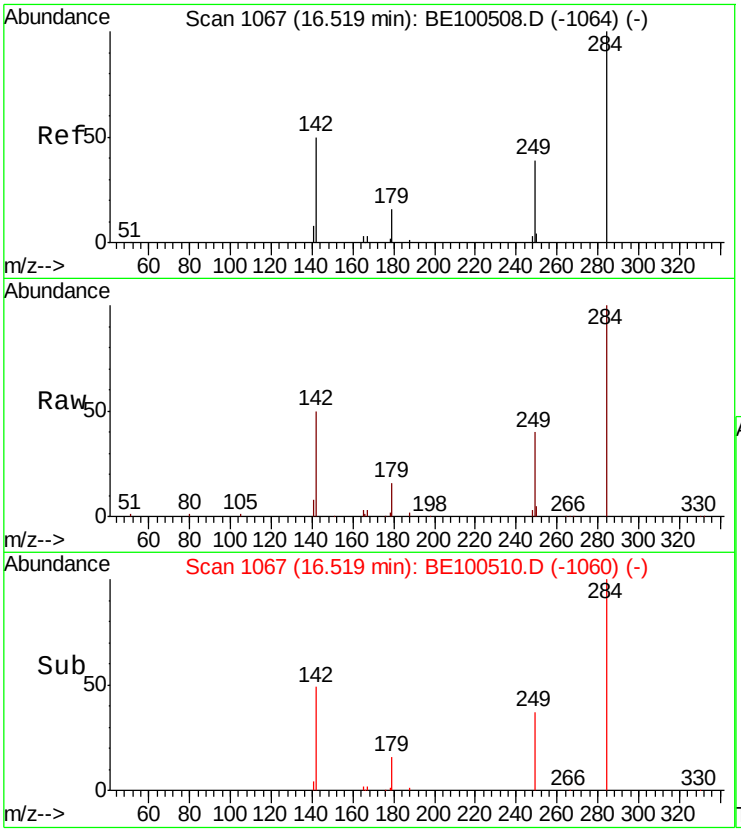


#20
4-Bromophenyl-phenylether
Concen: 1.806 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:248 Resp: 40723

Ion	Ratio	Lower	Upper
248	100		
250	87.8	83.0	124.4
141	106.7	38.0	57.0#



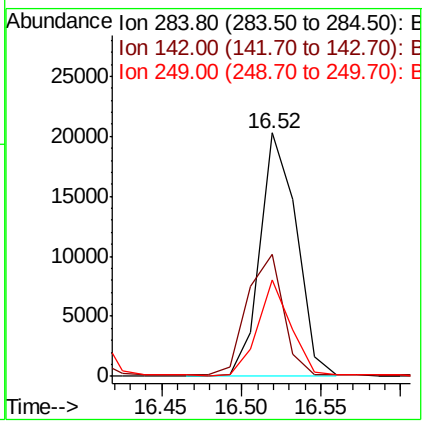


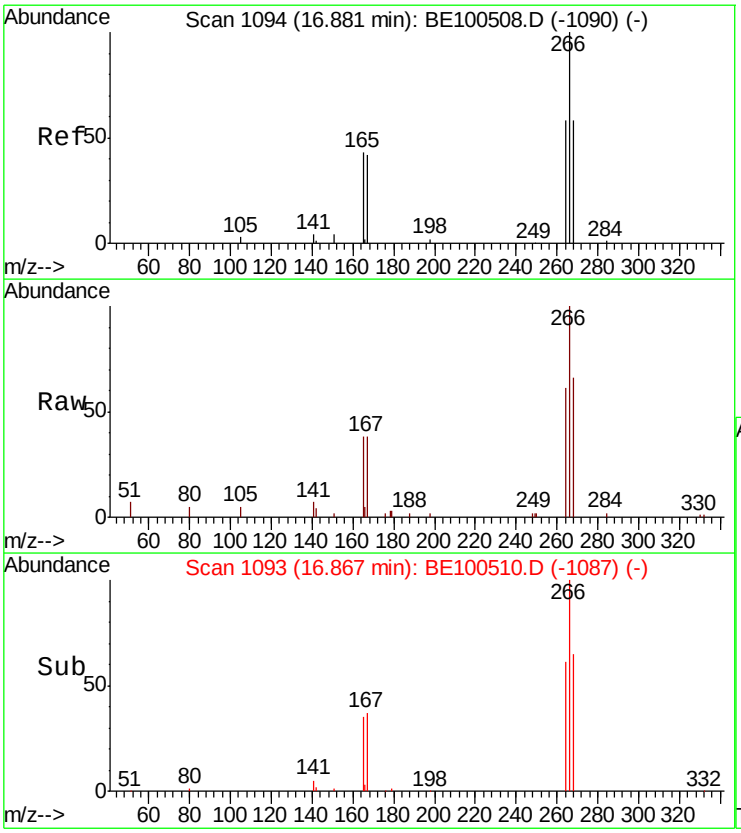
#21
Hexachlorobenzene
Concen: 1.391 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 32288

Ion	Ratio	Lower	Upper
284	100		
142	49.9	38.2	57.4
249	35.8	28.8	43.2

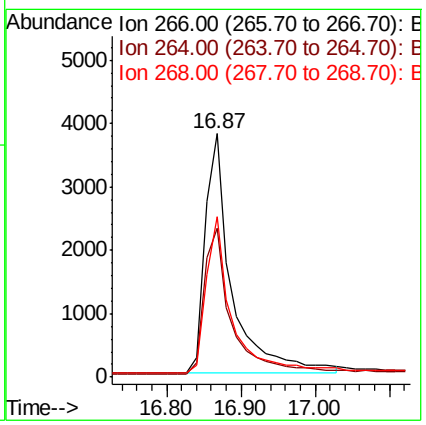


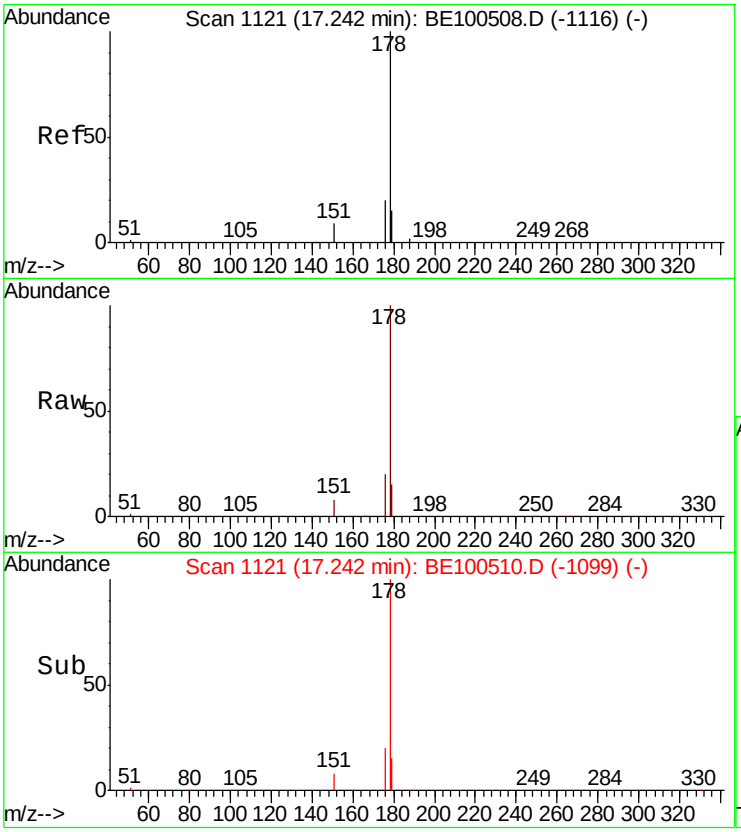


#22
Pentachlorophenol
Concen: 0.973 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:266 Resp: 9520

Ion	Ratio	Lower	Upper
266	100		
264	61.1	48.6	73.0
268	65.8	52.3	78.5



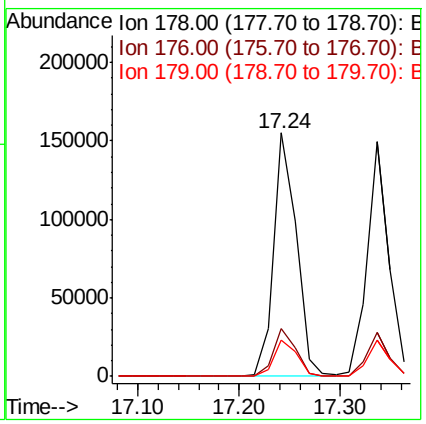


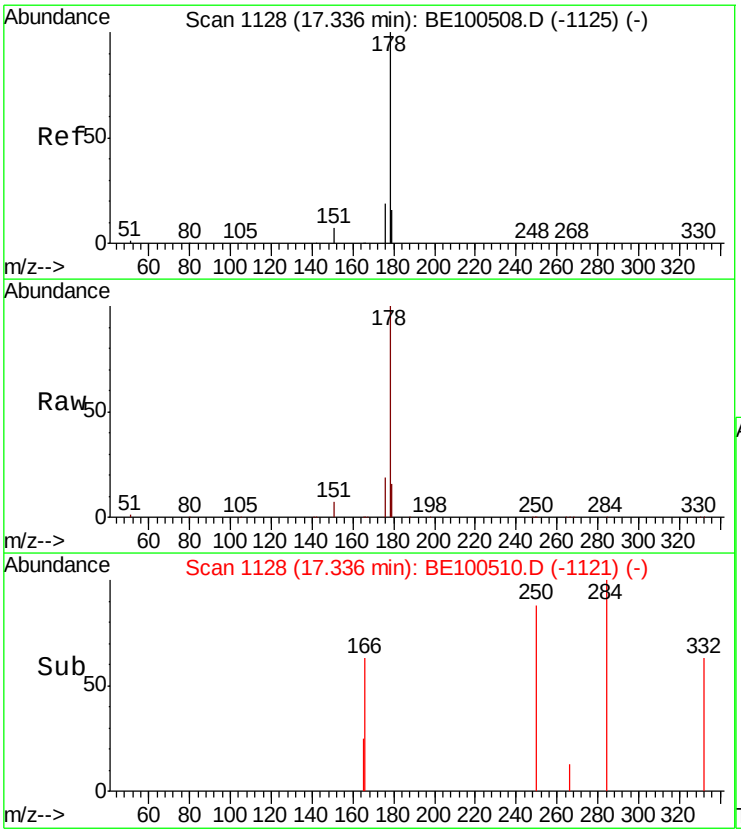
#23
Phenanthrene
Concen: 2.070 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 240445

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.4	18.6

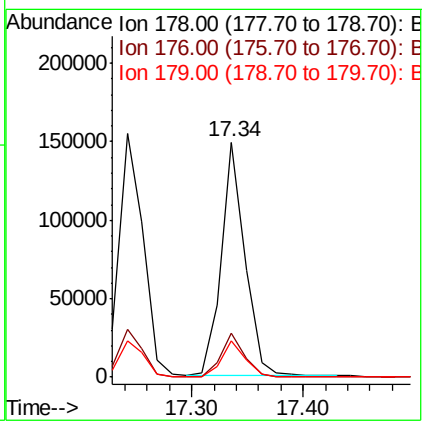


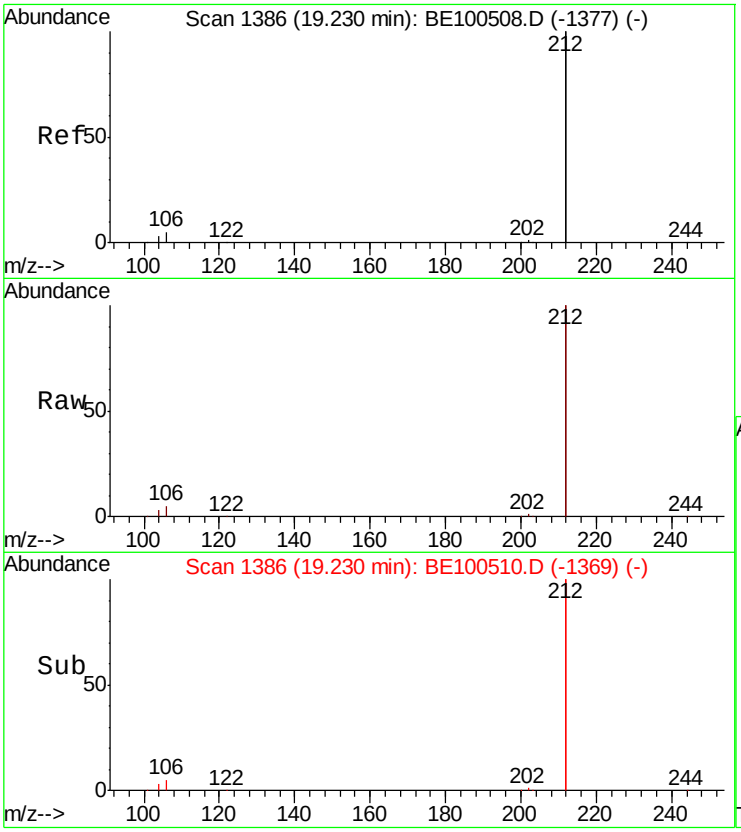


#24
Anthracene
Concen: 1.994 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:178 Resp: 220588

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.4	18.6



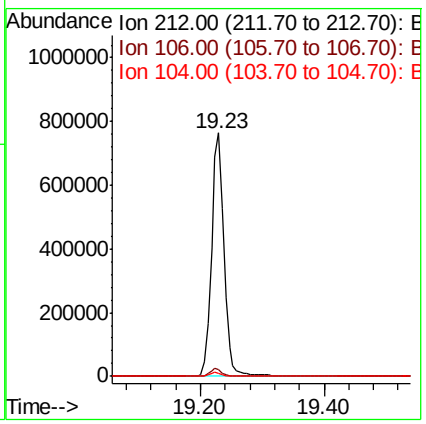


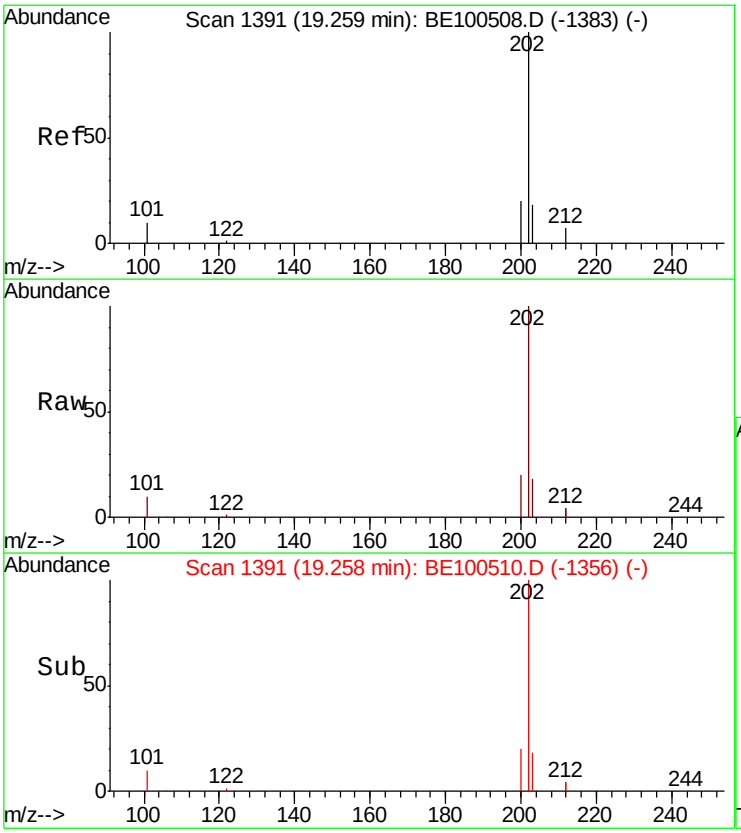
#25
Fluoranthene-d10
Concen: 1.628 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 1056587

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.4	3.6
104	1.7	1.4	2.0

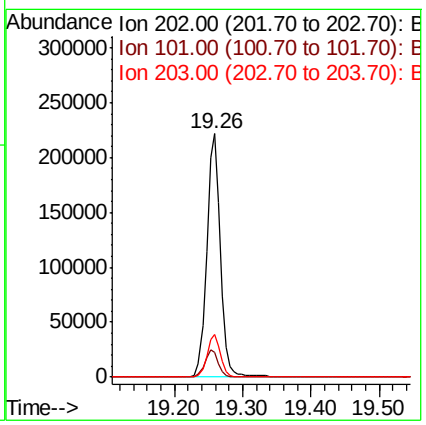


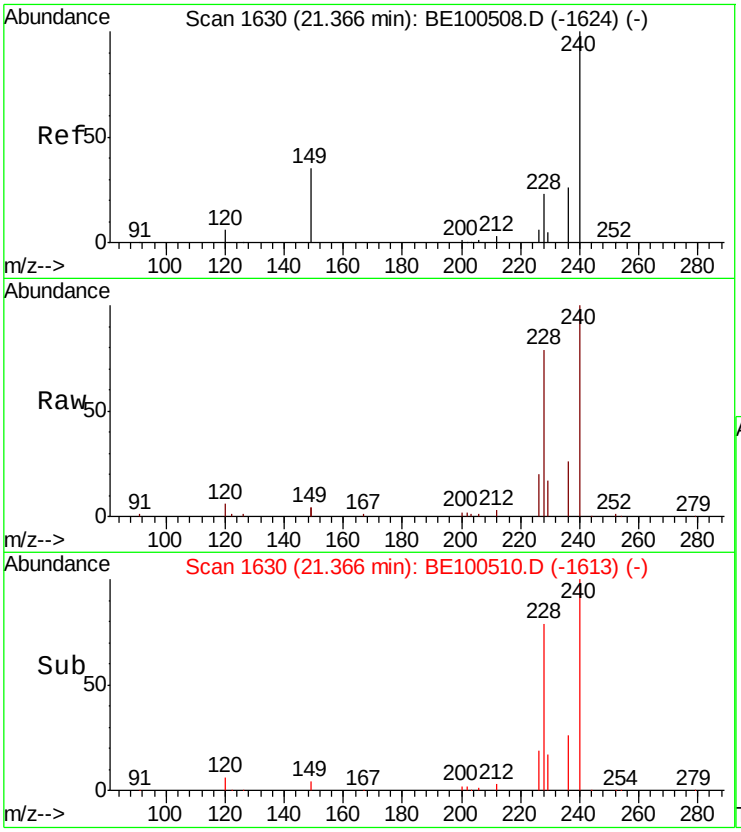


#26
Fluoranthene
Concen: 1.823 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:202 Resp: 304931

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
203	17.5	13.8	20.8



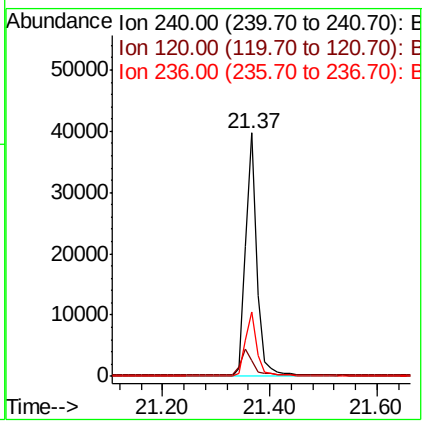


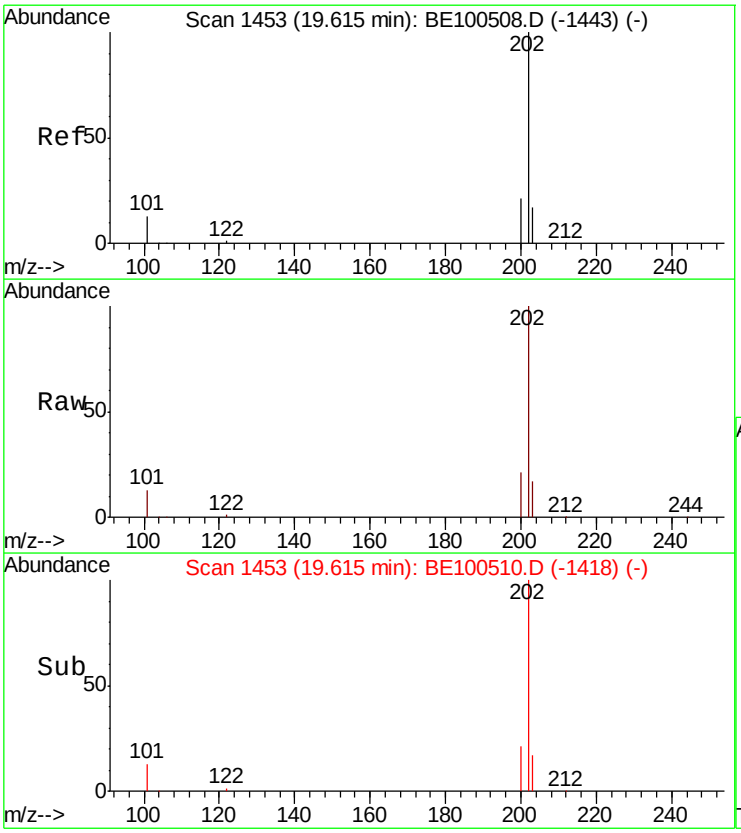
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 59116

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.1	7.7
236	26.5	20.9	31.3

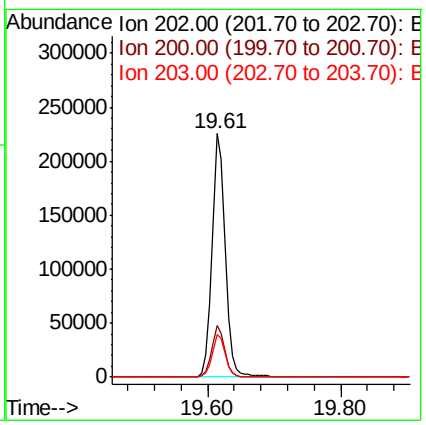


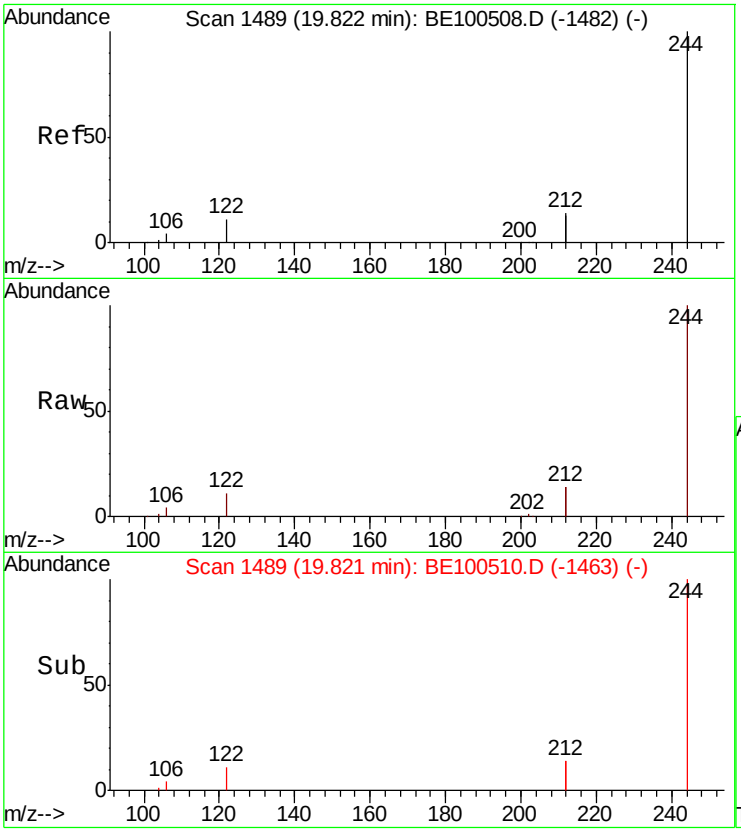


#28
Pyrene
Concen: 1.684 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:202 Resp: 310242

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	13.9	20.9



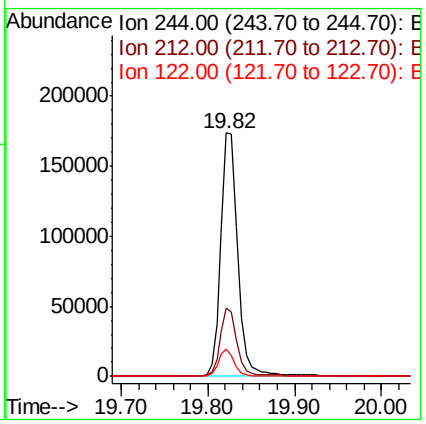


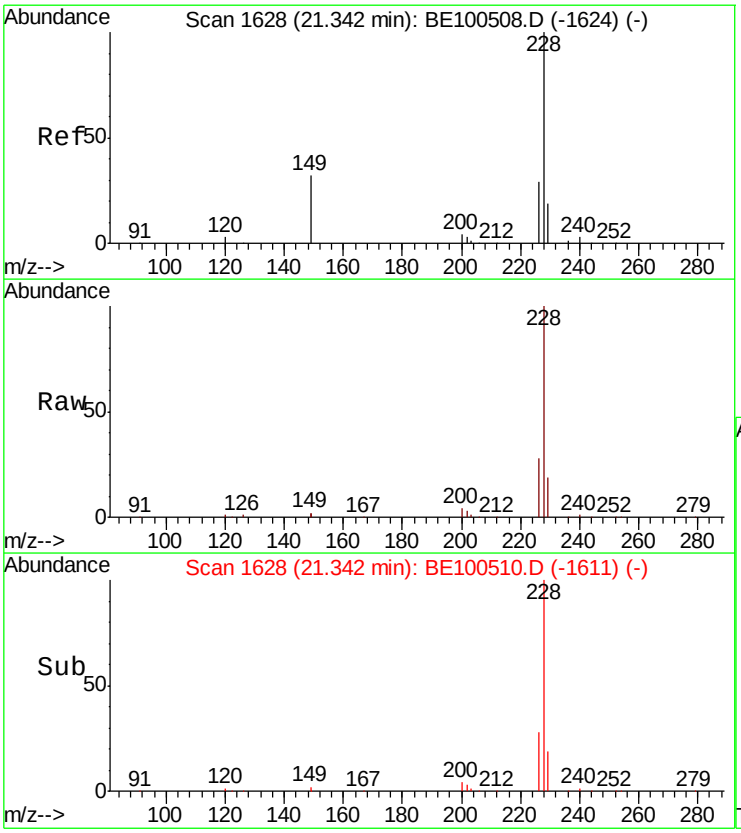
#29
Terphenyl-d14
Concen: 1.630 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 237941

Ion	Ratio	Lower	Upper
244	100		
212	28.2	22.8	34.2
122	11.1	9.0	13.4

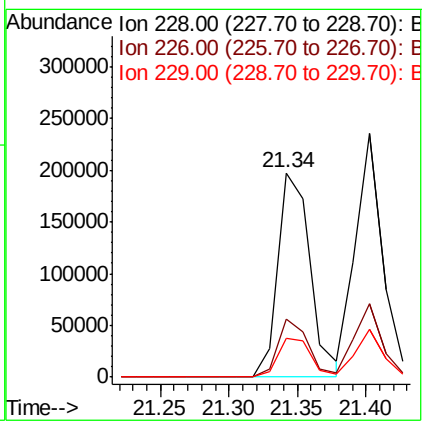


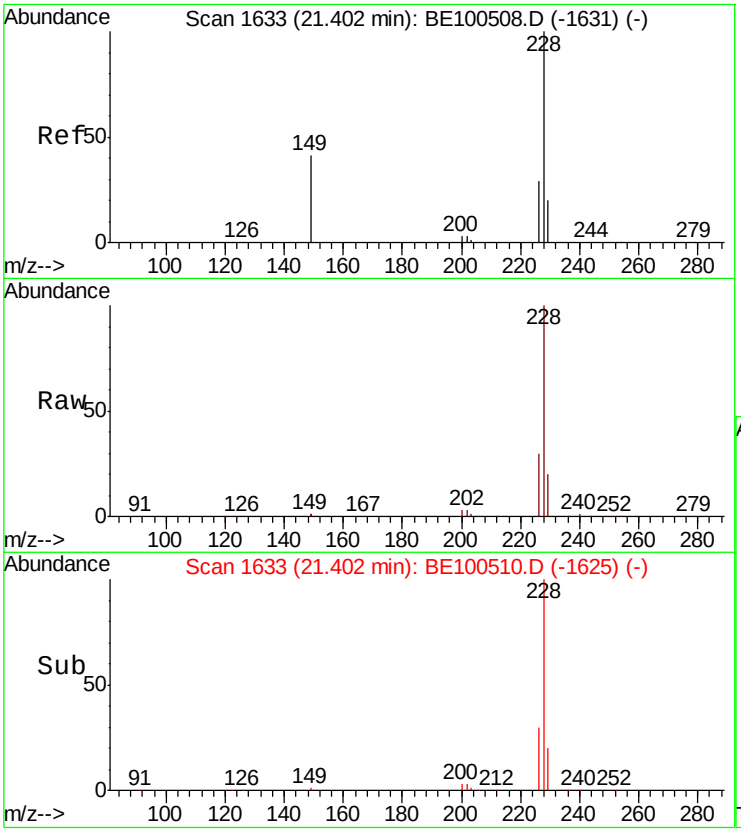


#30
Benzo(a)anthracene
Concen: 1.787 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:228 Resp: 322352

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.1	34.7
229	19.2	15.3	22.9



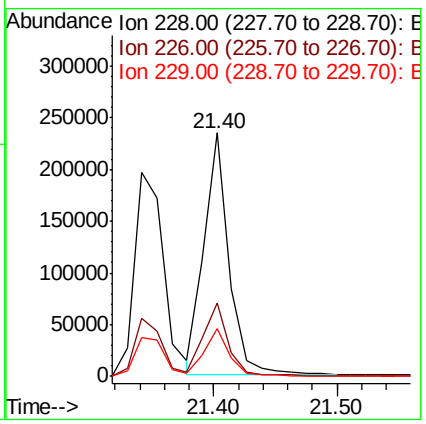


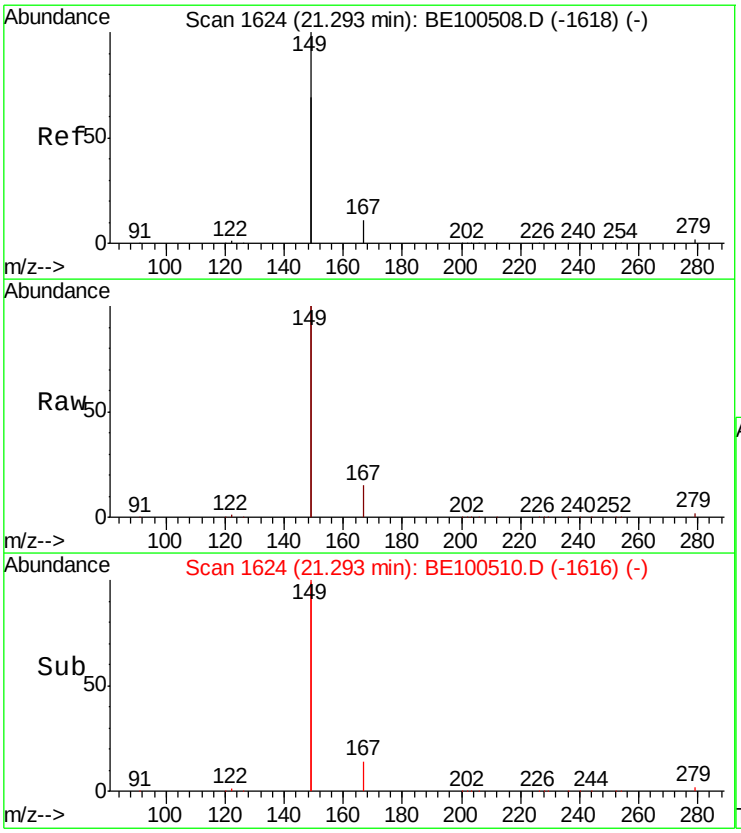
#31
Chrysene
Concen: 1.836 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 327226

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.1	34.7
229	19.7	15.8	23.8

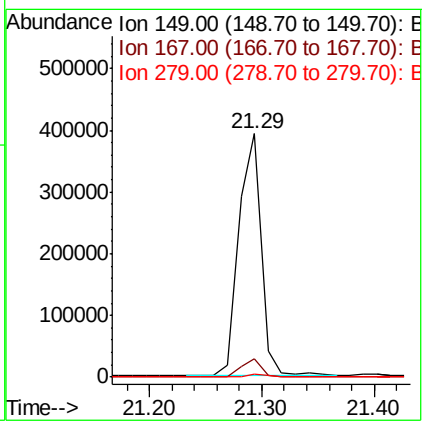


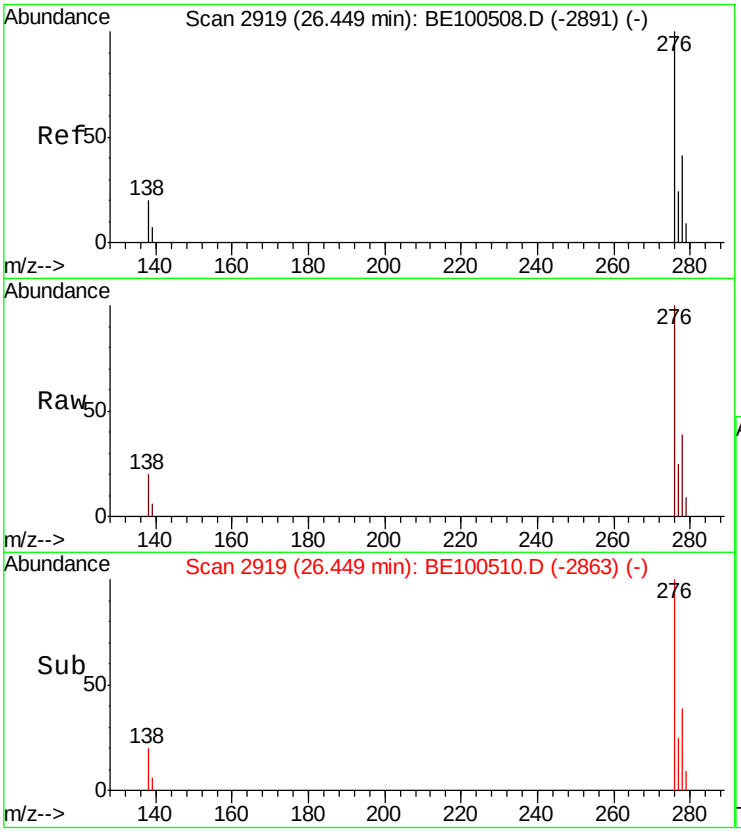


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.322 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:149 Resp: 547999

Ion	Ratio	Lower	Upper
149	100		
167	6.7	3.5	5.3#
279	1.0	0.6	0.8#



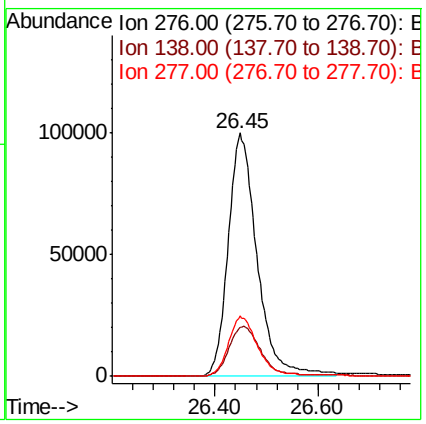


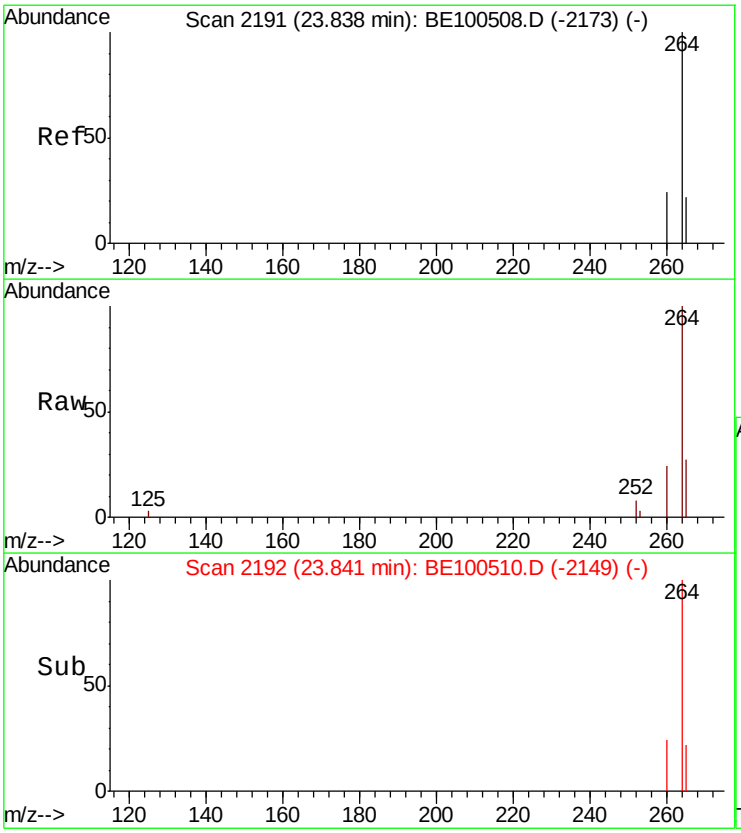
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.991 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 386737

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.8	26.8
277	25.0	19.0	28.6

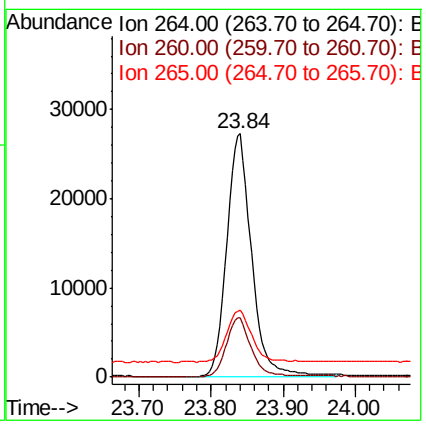


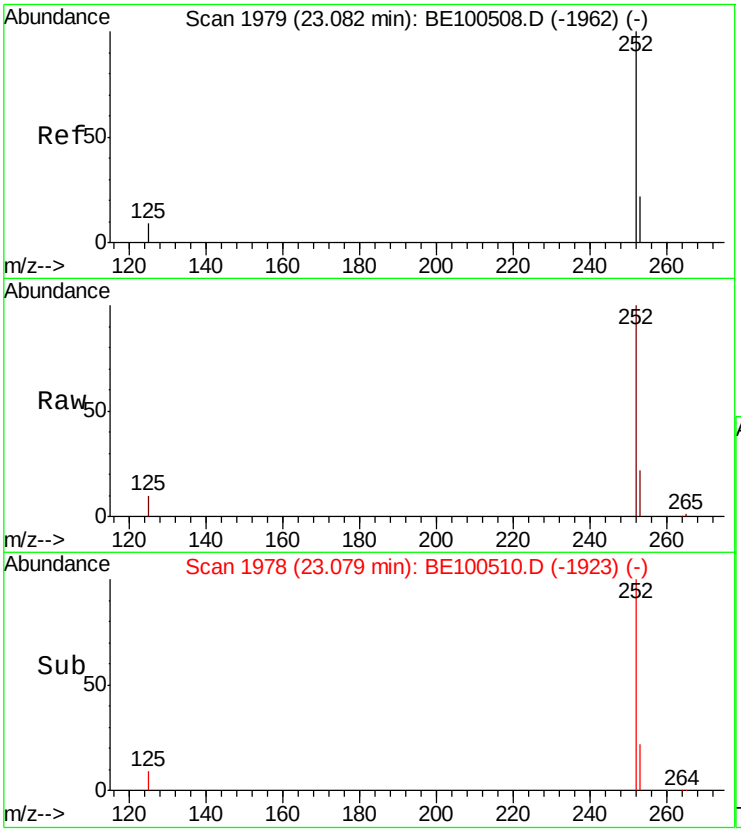


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:264 Resp: 63393

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	27.5	23.0	34.4



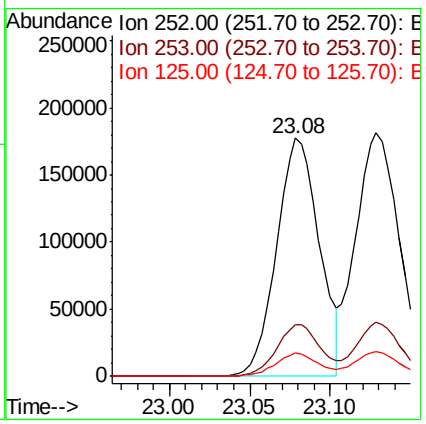


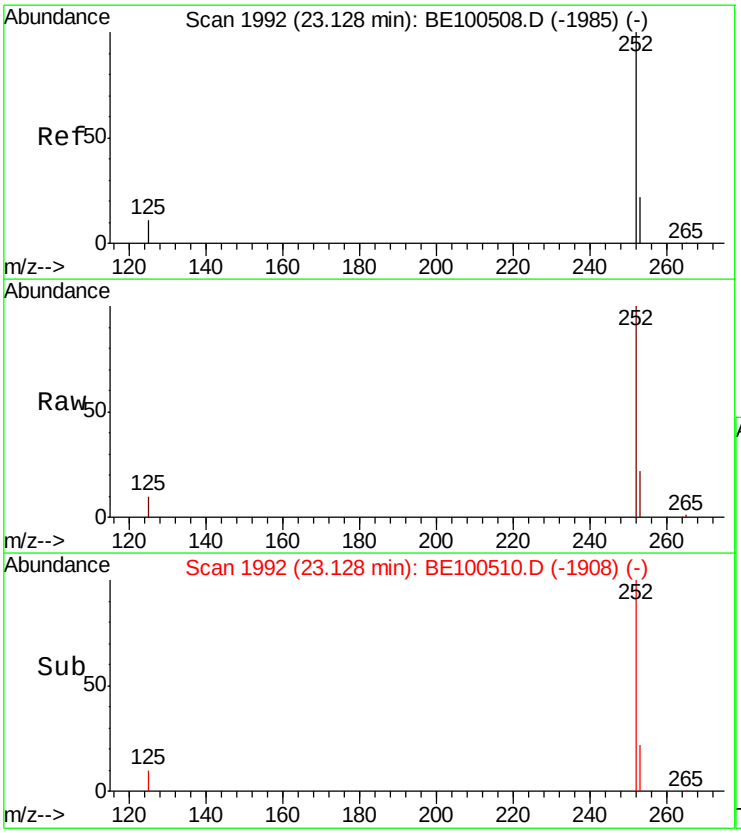
#35
Benzo(b)fluoranthene
Concen: 1.882 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 326688

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.7	8.6	13.0

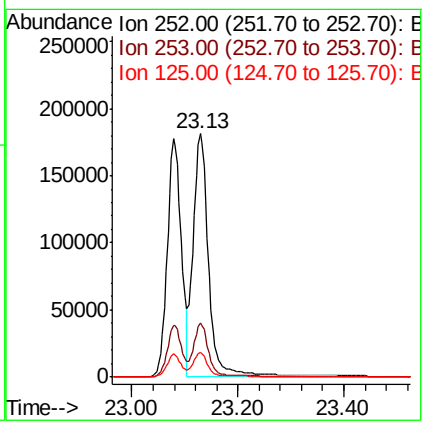


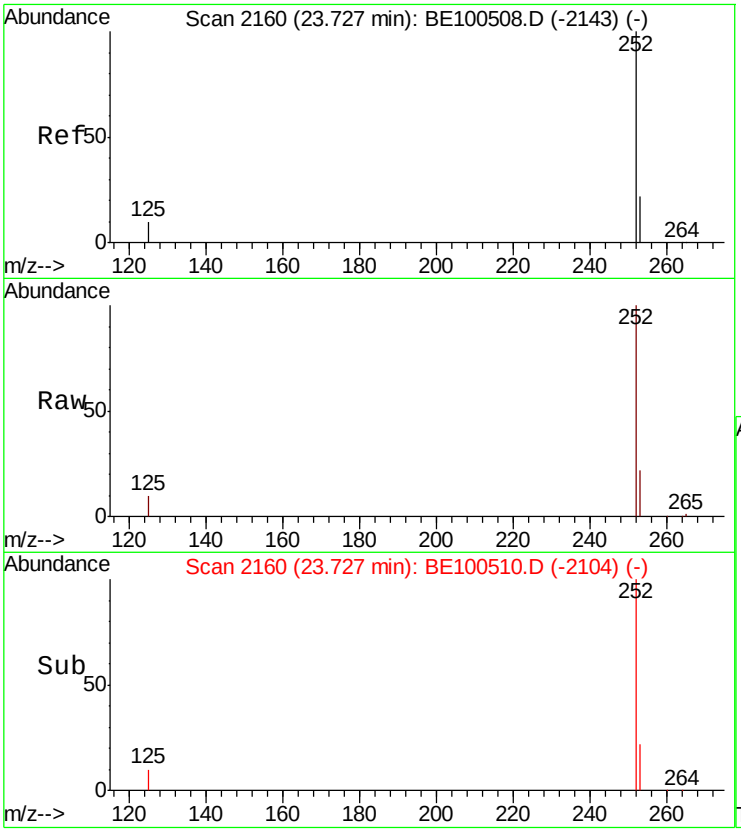


#36
Benzo(k)fluoranthene
Concen: 2.017 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:252 Resp: 367154

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.9	9.3	13.9



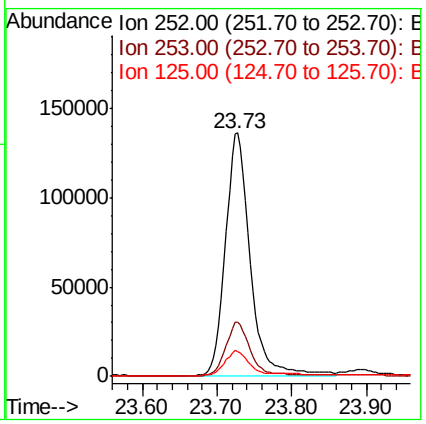


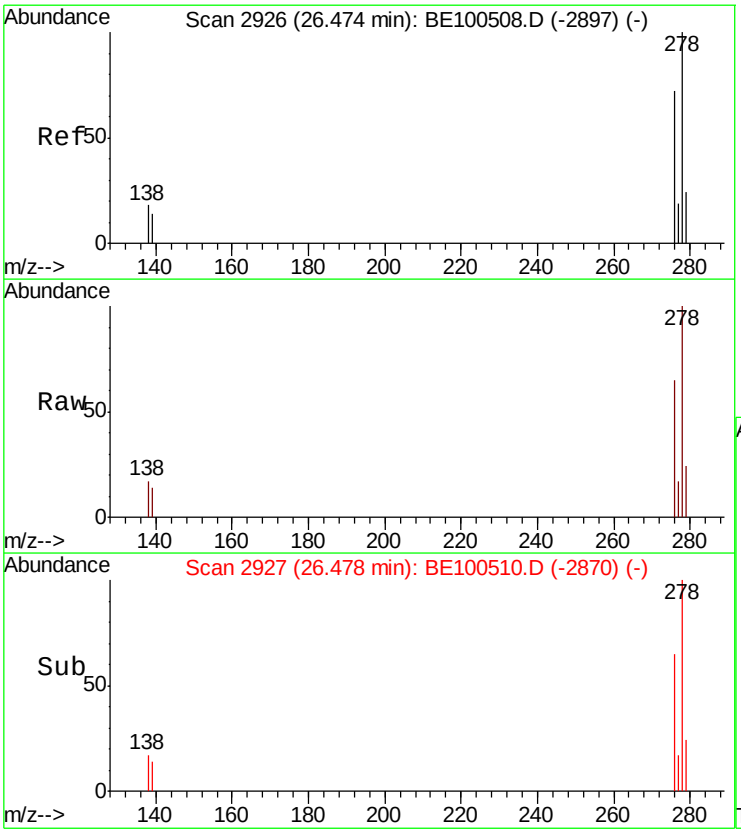
#37
Benzo(a)pyrene
Concen: 1.842 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 310674

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.3	9.7	14.5

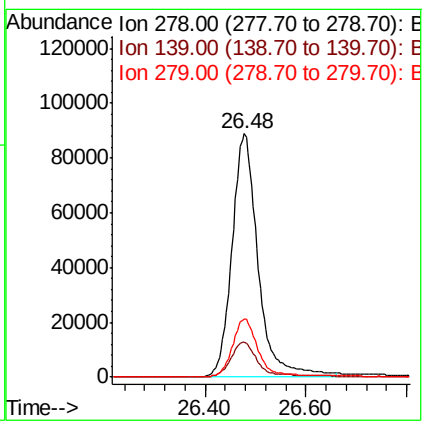


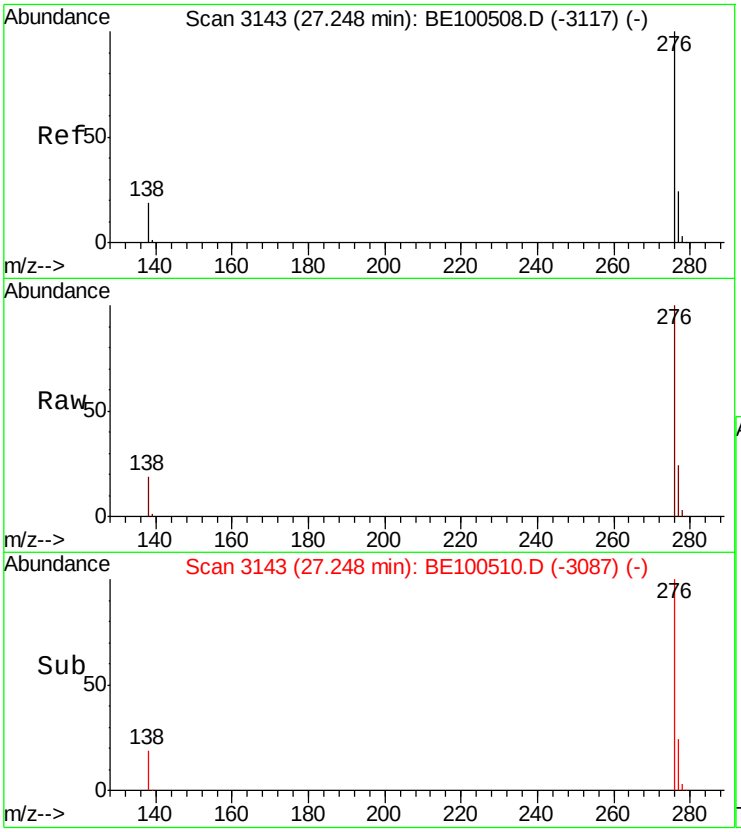


#38
Dibenzo(a,h)anthracene
Concen: 2.006 ng
RT: 26.48 min Scan# 2927
Delta R.T. 0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Tgt Ion:278 Resp: 319808

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.1	18.1
279	23.9	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 1.976 ng
RT: 27.25 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BE100510.D
Acq: 18 Sep 2019 16:54

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 322364

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	19.3	16.0	24.0