Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101519\
Data File : BE100649.D
Acq On : 15 Oct 2019 14:47
Operator : JU
Sample : K4994-04DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 15 16:28:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	4645	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	21214	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	13867	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	29127	0.40	ng		0.00
27) Chrysene-d12	21.38	240	30187	0.40	ng		0.01
34) Perylene-d12	23.86	264	35119	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	395	0.03	ng		0.01
5) Phenol-d6	7.02	99	630	0.03	ng		0.01
8) Nitrobenzene-d5	9.00	82	528	0.04	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	902	0.03	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	153	0.04	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	1103	0.02	ng		0.00
25) Fluoranthene-d10	19.23	212	7554	0.02	ng		0.00
29) Terphenyl-d14	19.83	244	2019	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	19227	0.086	ng		99
12) 2-Methylnaphthalene	12.31	142	5266	0.138	ng		99
16) Acenaphthylene	14.20	152	16250	0.272	ng		96
17) Acenaphthene	14.54	154	6297	0.163	ng		95
18) Fluorene	15.51	166	13110	0.256	ng	#	89
23) Phenanthrene	17.24	178	368682	4.602	ng		100
24) Anthracene	17.33	178	36210	0.487	ng		98
26) Fluoranthene	19.26	202	425722	4.071	ng		98
28) Pyrene	19.62	202	637607	7.560	ng	#	95
30) Benzo(a)anthracene	21.35	228	287259	2.917	ng		94
31) Chrysene	21.41	228	318166	3.233	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	10764	0.052	ng	#	88
33) Indeno(1,2,3-cd)pyrene	26.48	276	121520	1.005	ng		97
35) Benzo(b)fluoranthene	23.10	252	274718	2.683	ng		97
36) Benzo(k)fluoranthene	23.10	252	274718	2.608	ng		97
37) Benzo(a)pyrene	23.75	252	225581	2.367	ng		98
38) Dibenzo(a,h)anthracene	26.49	278	37835	0.384	ng	#	80
39) Benzo(g,h,i)perylene	27.29	276	142427	1.437	ng		98

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

Quantitation Report (Not Reviewed)

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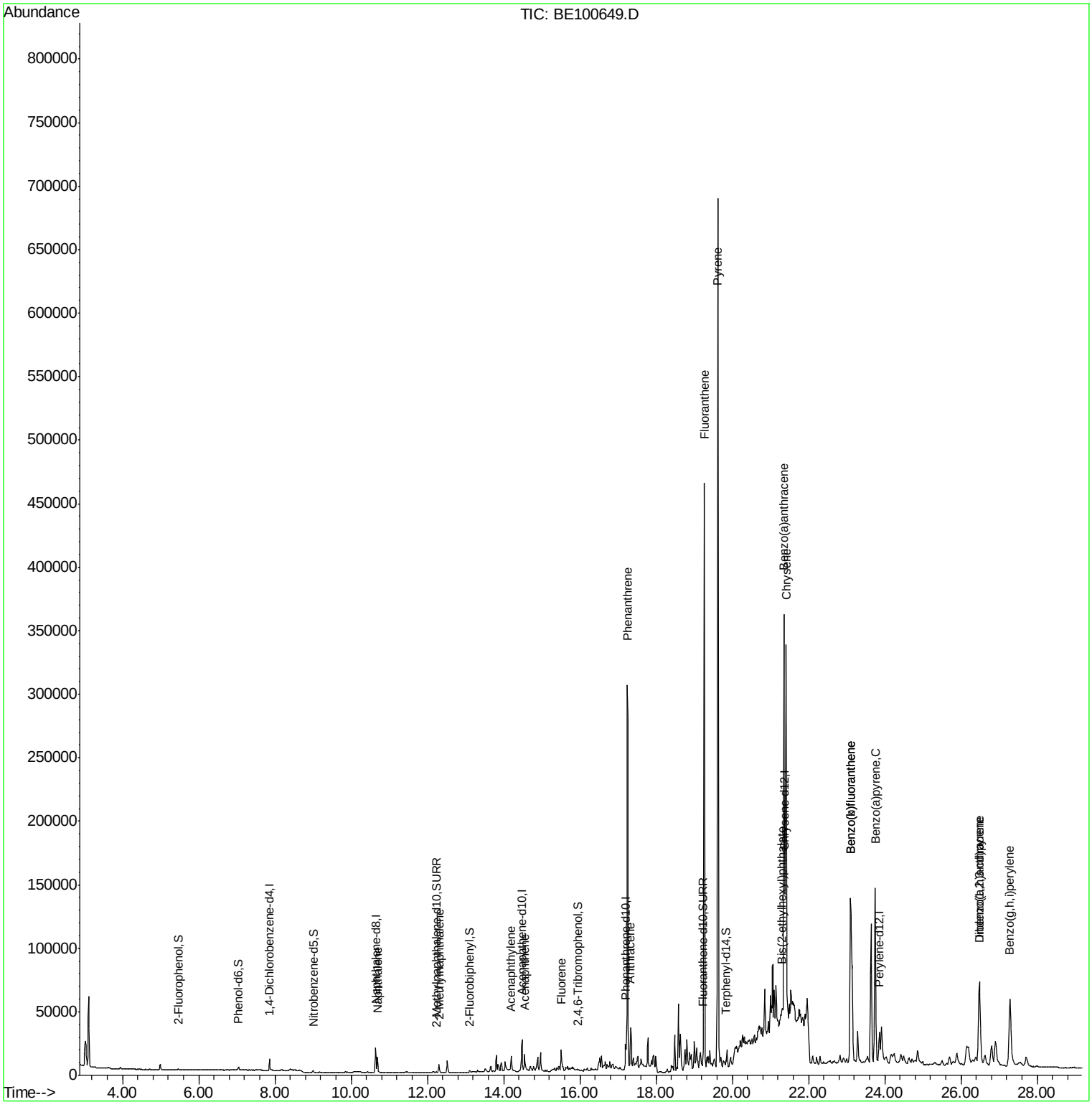
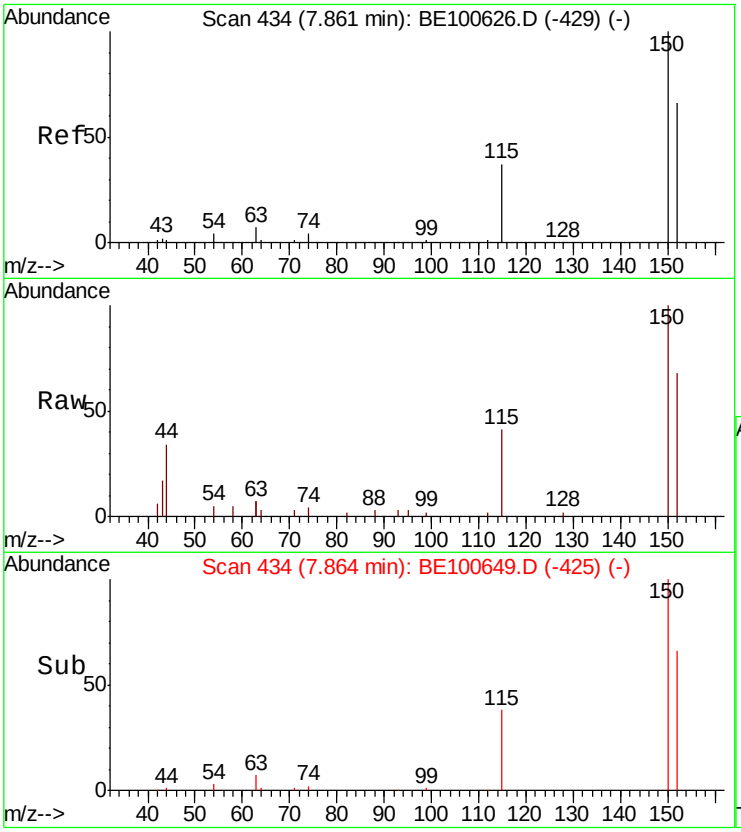


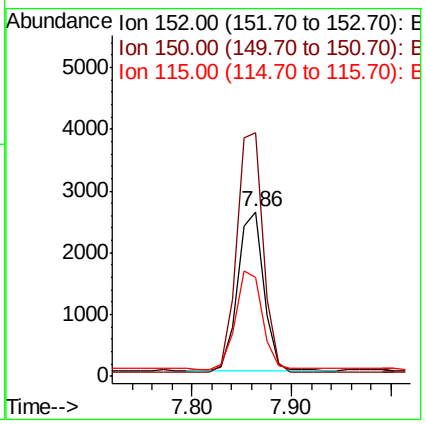


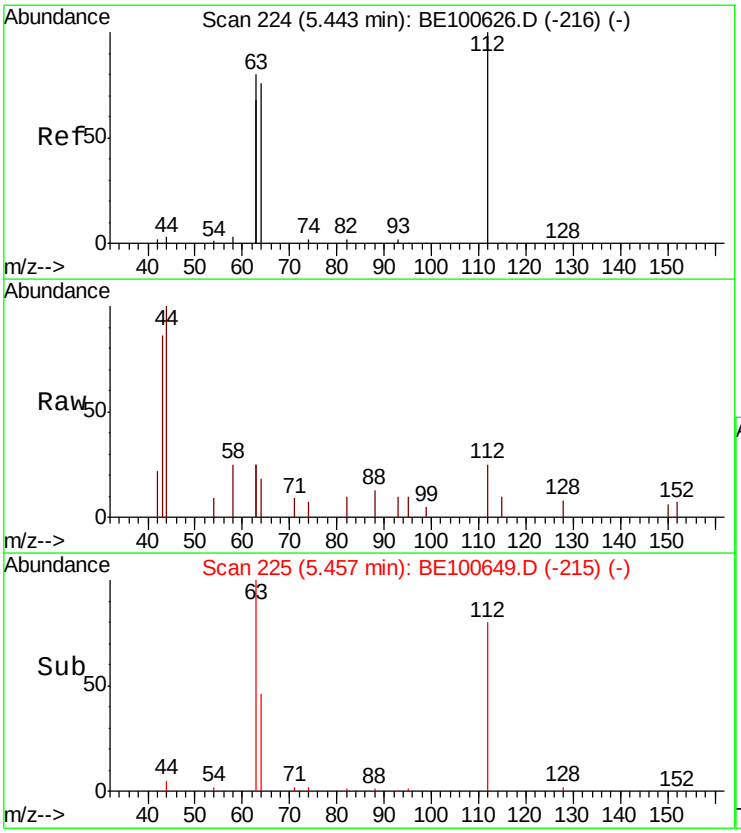
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4645

Ion	Ratio	Lower	Upper
152	100		
150	148.0	120.7	181.1
115	60.4	48.0	72.0

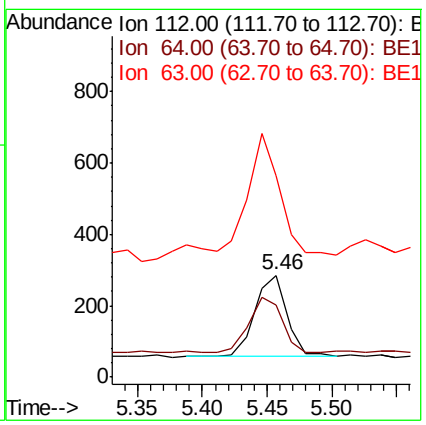


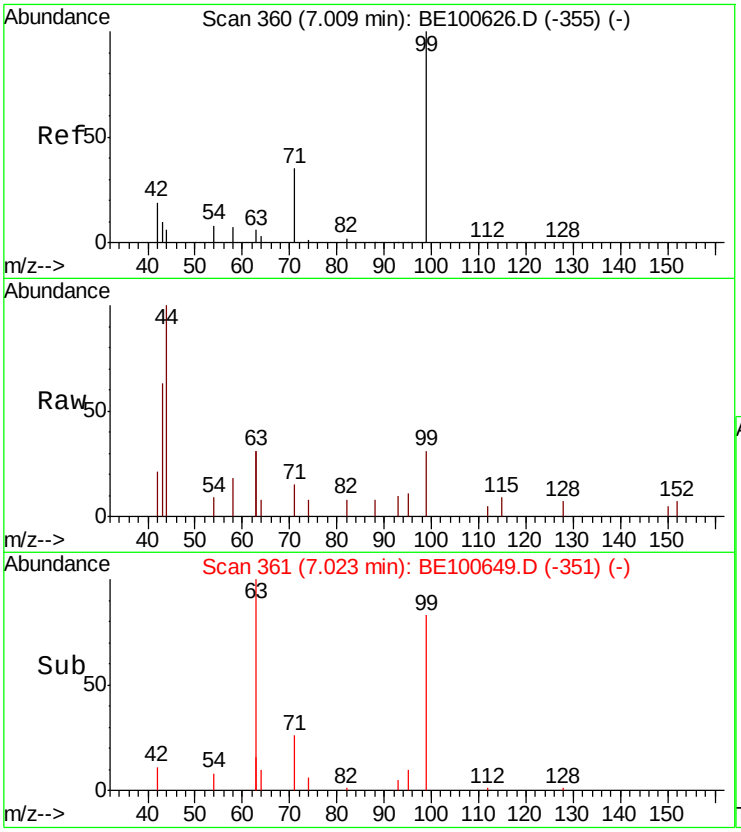


#4
2-Fluorophenol
Concen: 0.028 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:112 Resp: 395

Ion	Ratio	Lower	Upper
112	100		
64	72.7	58.9	88.3
63	150.1	118.3	177.5



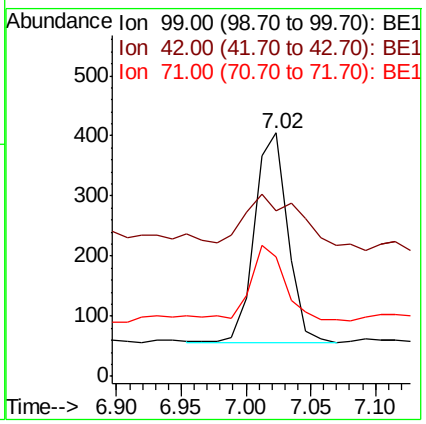


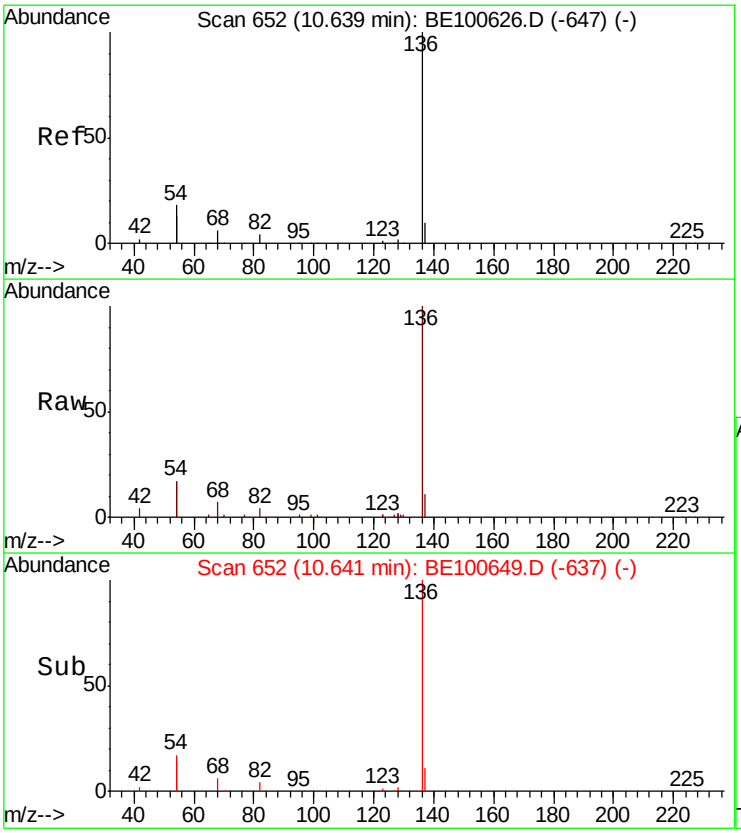
#5
Phenol-d6
Concen: 0.031 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 630

Ion	Ratio	Lower	Upper
99	100		
42	45.6	19.4	29.2#
71	37.8	26.9	40.3

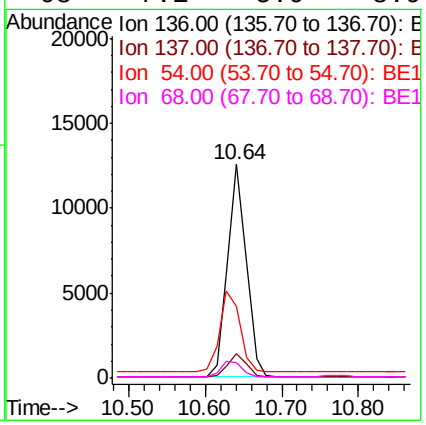


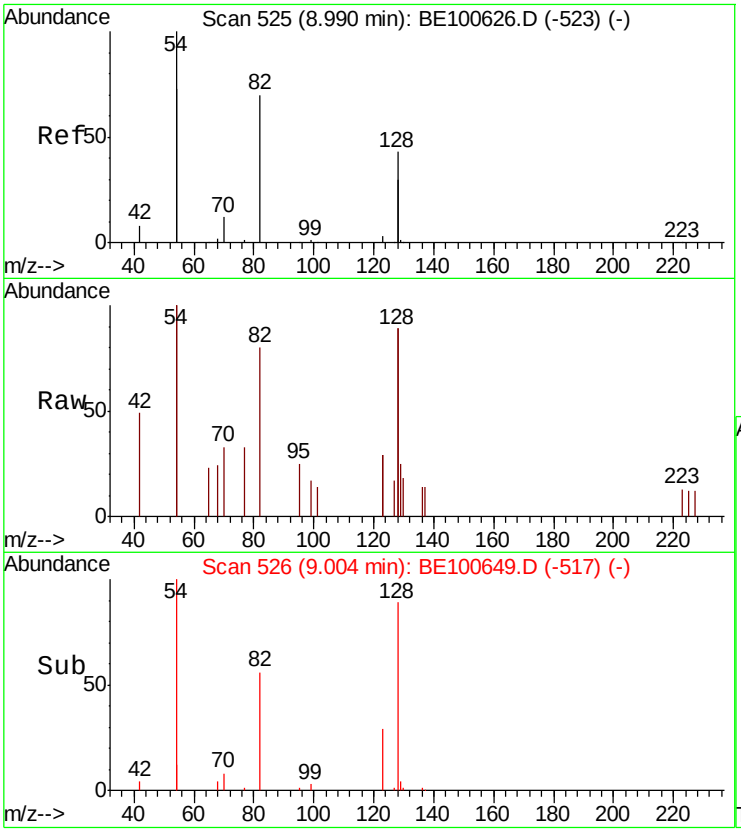


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:136 Resp: 21214

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	33.4	28.7	43.1
68	7.1	5.9	8.9



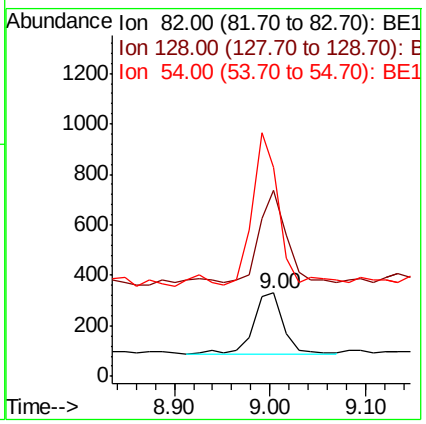


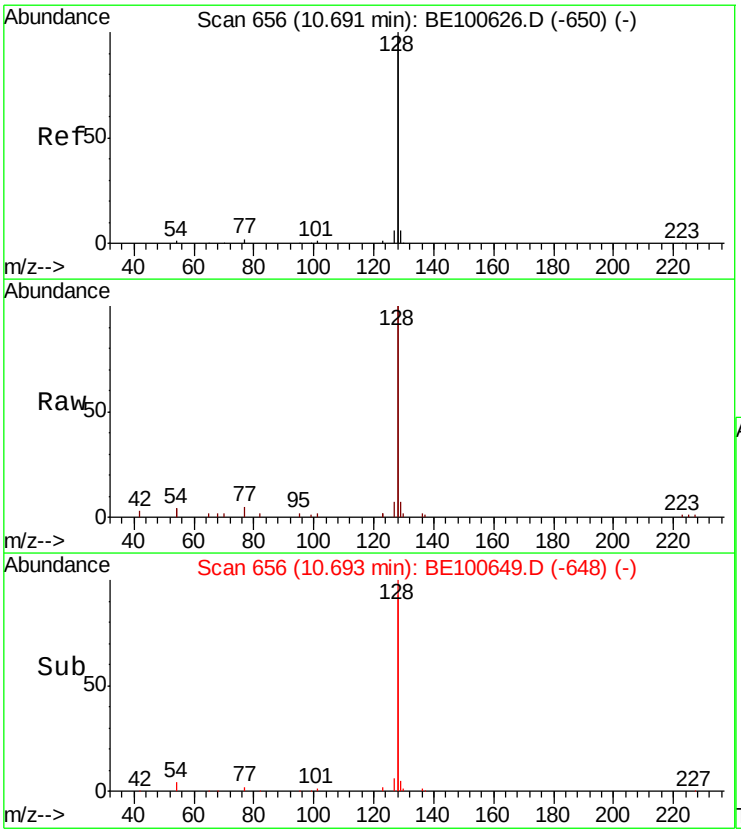
#8
Nitrobenzene-d5
Concen: 0.040 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 528

Ion	Ratio	Lower	Upper
82	100		
128	223.6	90.7	136.1#
54	250.9	210.9	316.3

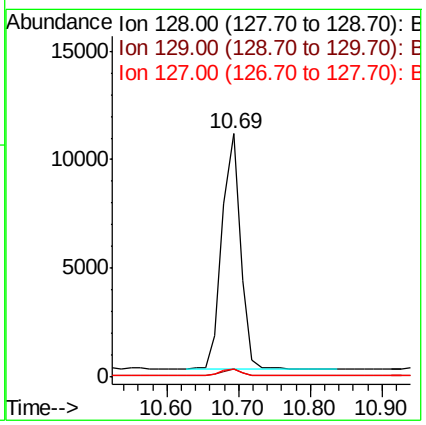


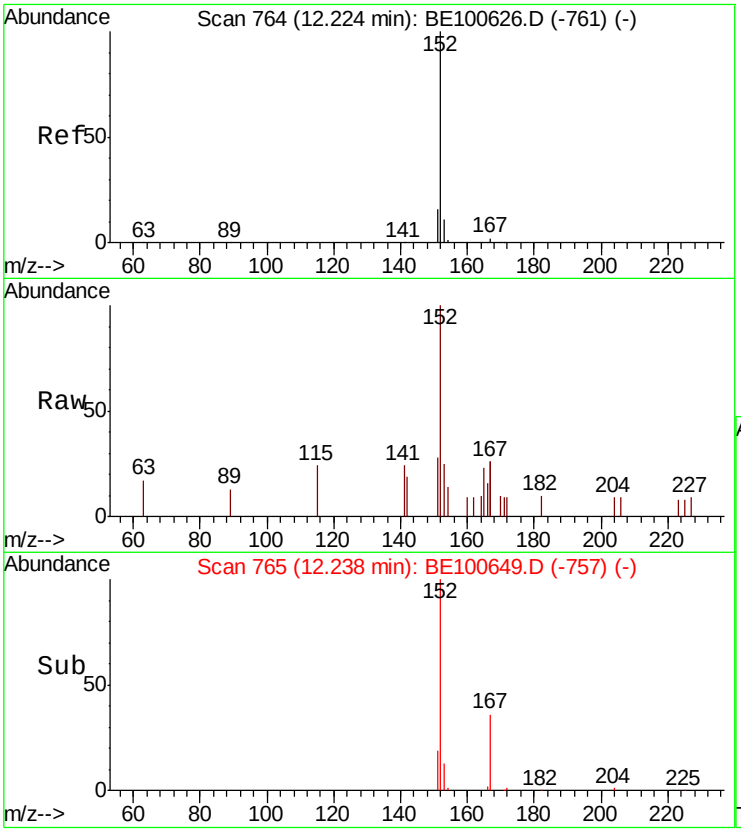


#9
Naphthalene
Concen: 0.086 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:128 Resp: 19227

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.4	3.6
127	3.5	2.6	3.8



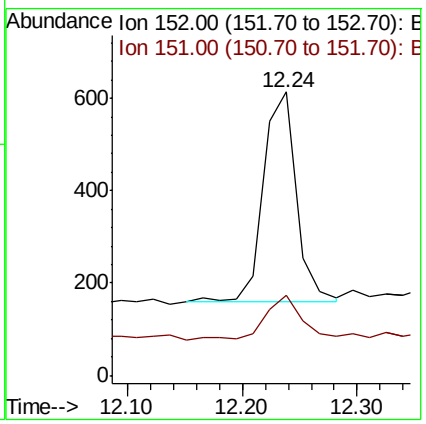


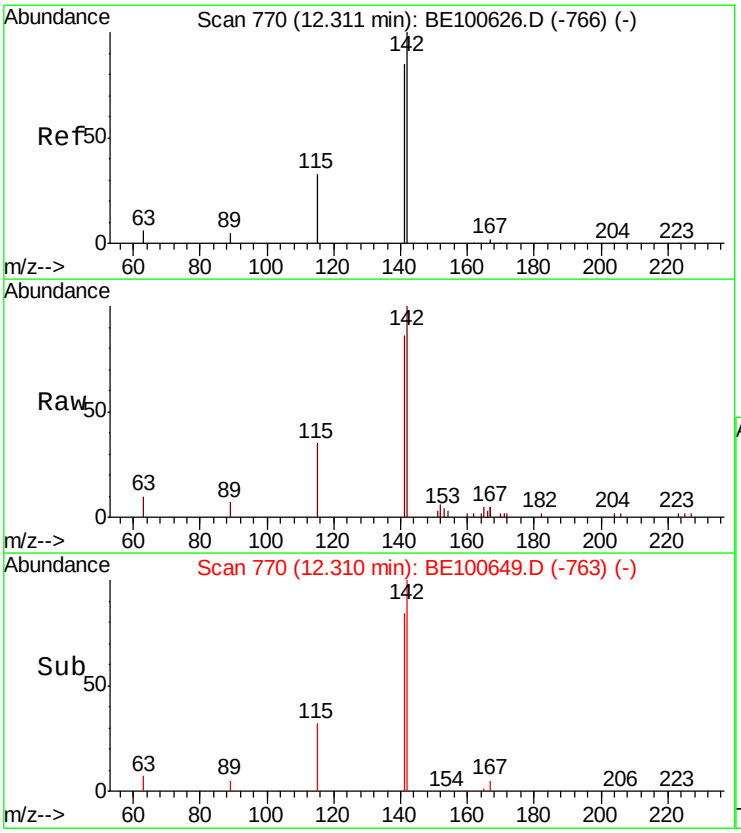
#11
2-Methylnaphthalene-d10
Concen: 0.027 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 902

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

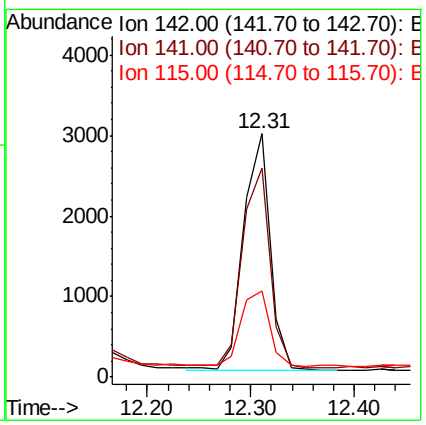


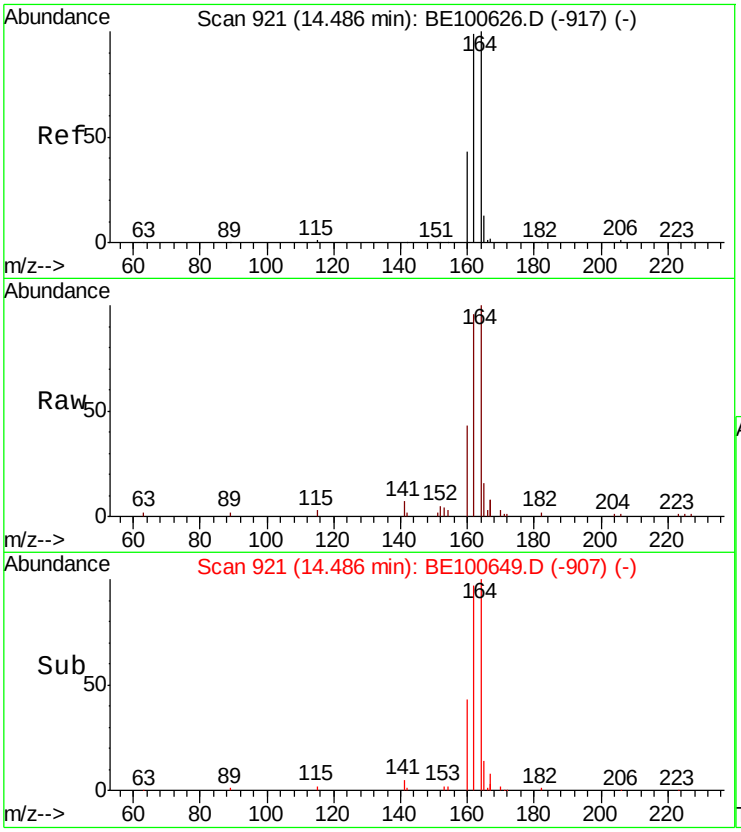


#12
2-Methylnaphthalene
Concen: 0.138 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:142 Resp: 5266

Ion	Ratio	Lower	Upper
142	100		
141	85.7	68.3	102.5
115	35.4	27.5	41.3



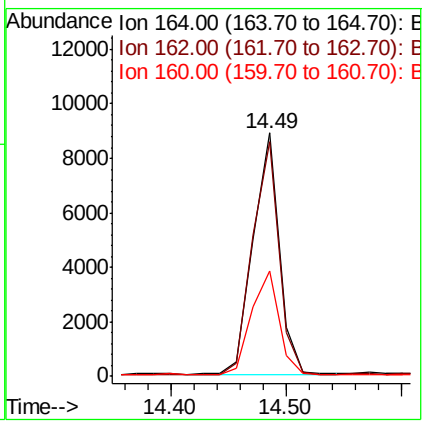


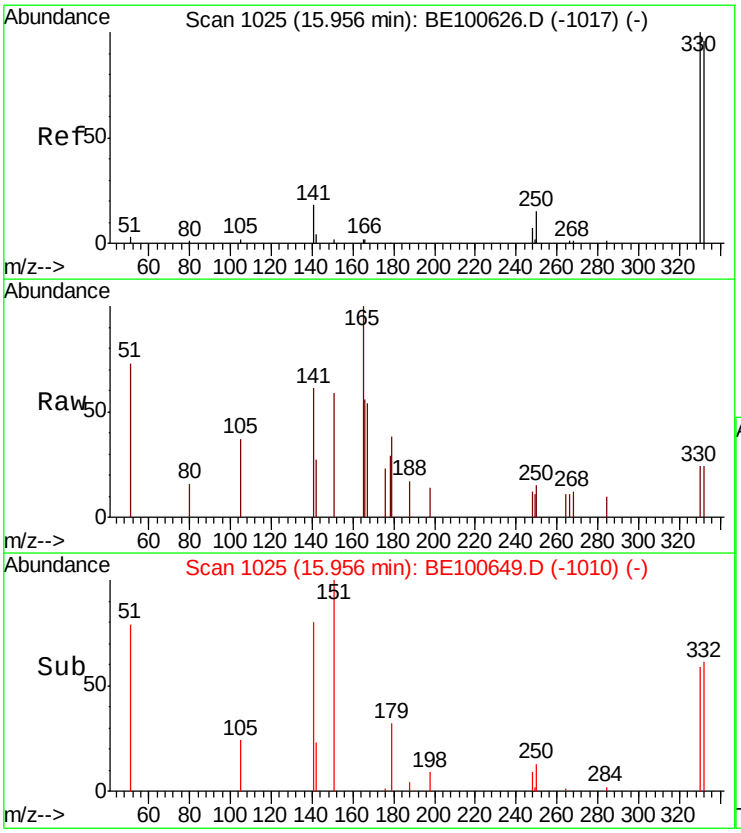
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13867

Ion	Ratio	Lower	Upper
164	100		
162	96.4	79.1	118.7
160	43.5	34.7	52.1

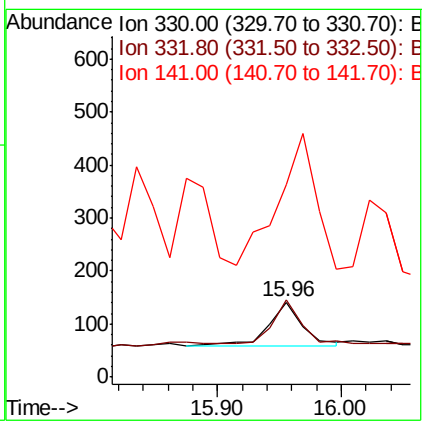


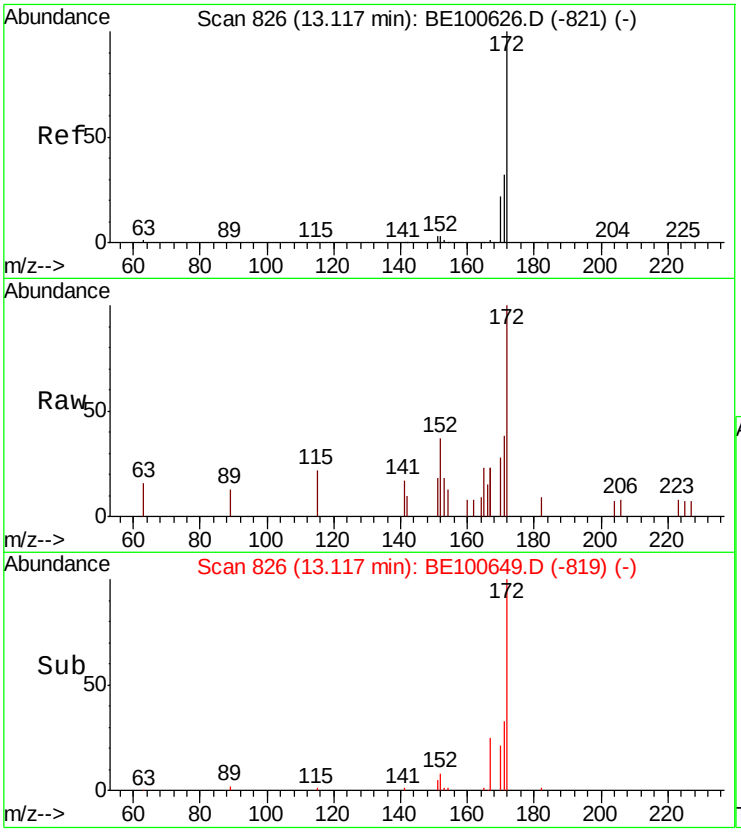


#14
2,4,6-Tribromophenol
Concen: 0.042 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:330 Resp: 153

Ion	Ratio	Lower	Upper
330	100		
332	89.5	75.2	112.8
141	369.3	37.5	56.3#



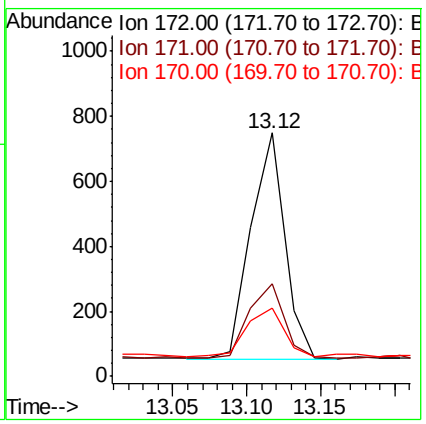


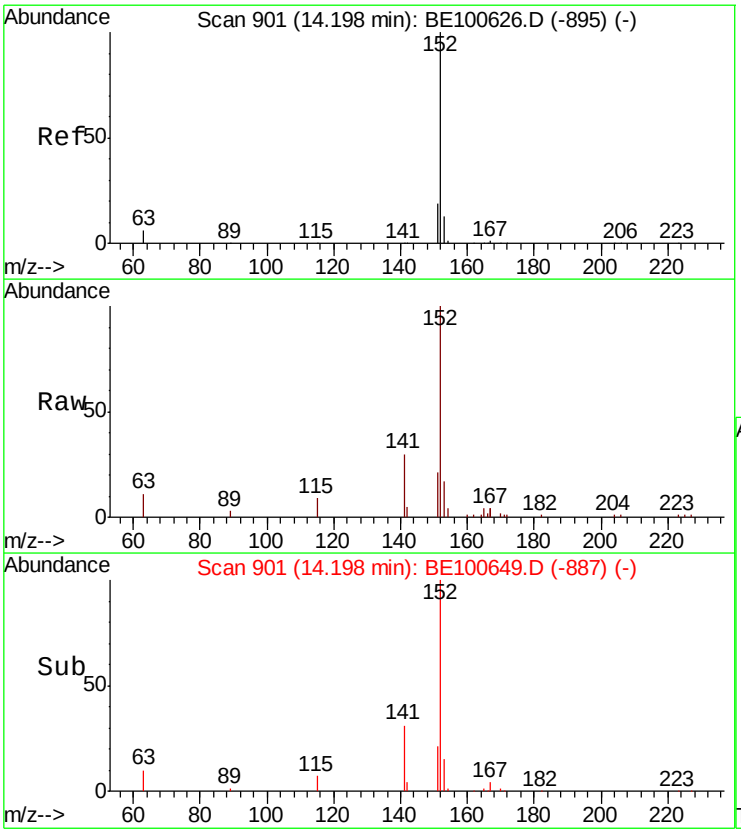
#15
2-Fluorobiphenyl
Concen: 0.022 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1103

Ion	Ratio	Lower	Upper
172	100		
171	38.2	26.2	39.4
170	28.0	17.5	26.3#

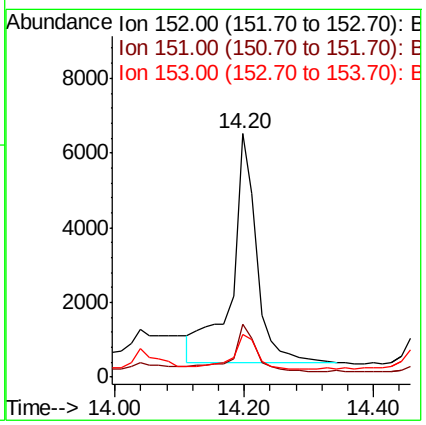


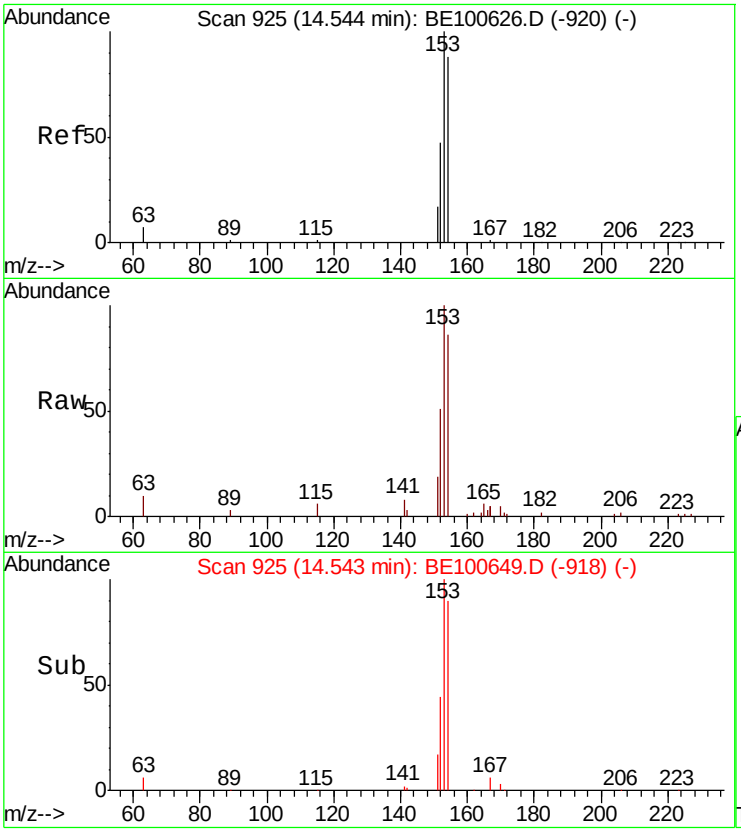


#16
Acenaphthylene
Concen: 0.272 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:152 Resp: 16250

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.6	23.4
153	15.4	10.5	15.7



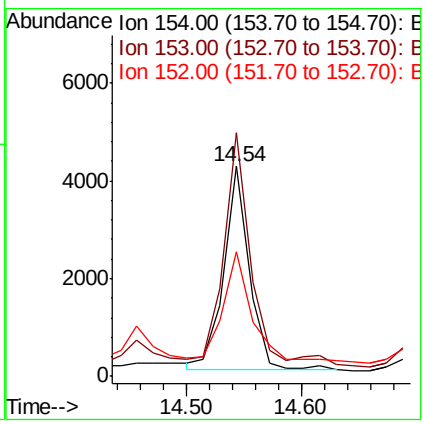


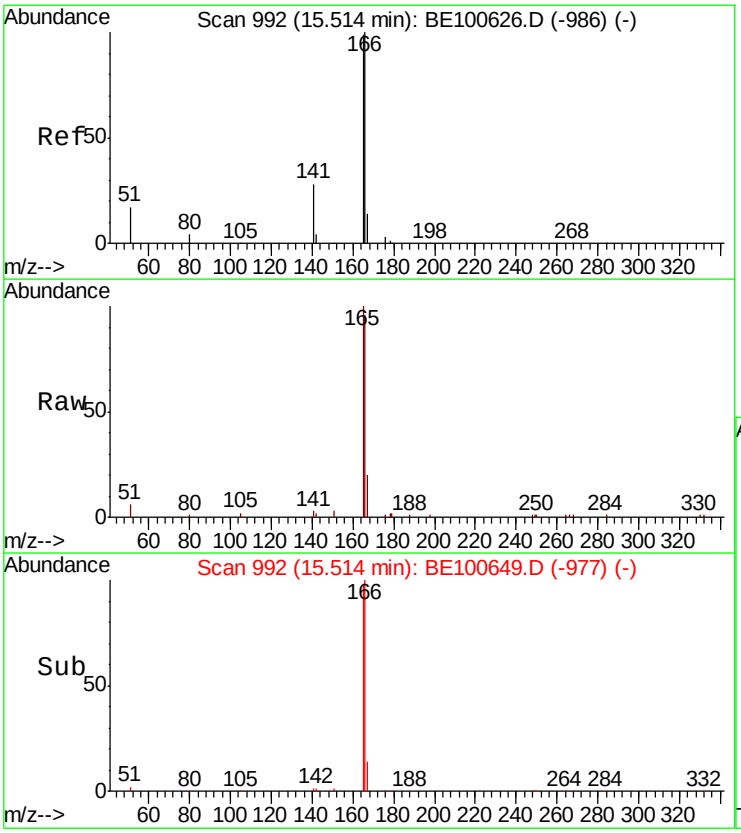
#17
Acenaphthene
Concen: 0.163 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6297

Ion	Ratio	Lower	Upper
154	100		
153	119.9	91.4	137.2
152	59.4	44.0	66.0

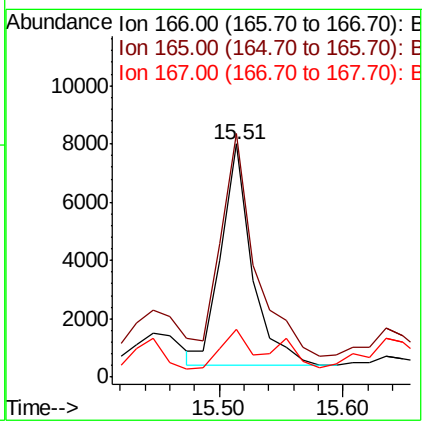


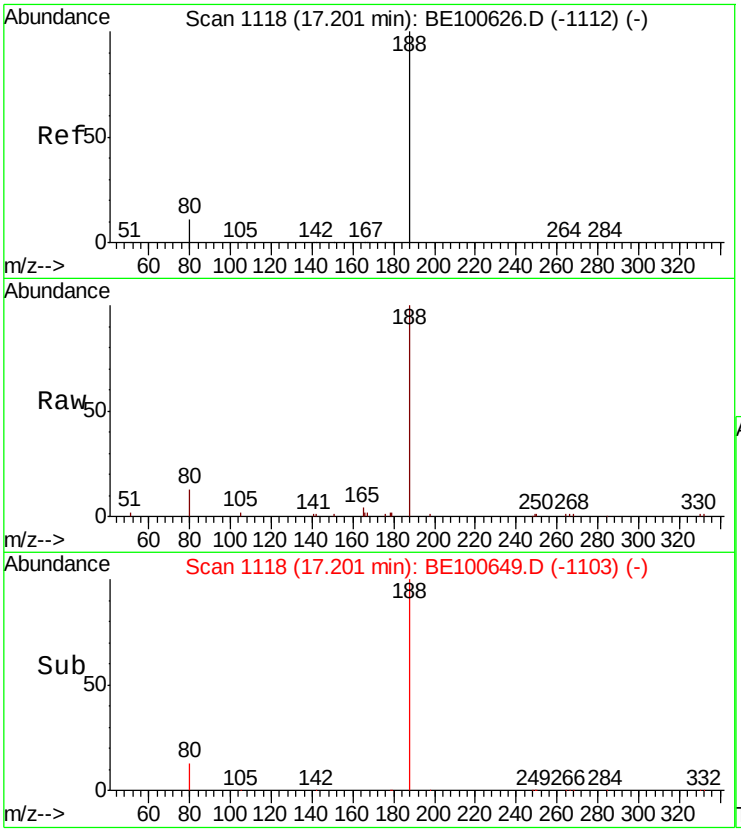


#18
Fluorene
Concen: 0.256 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:166 Resp: 13110

Ion	Ratio	Lower	Upper
166	100		
165	109.0	78.9	118.3
167	18.7	10.9	16.3#



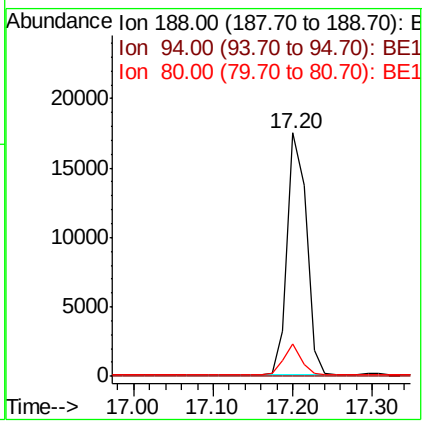


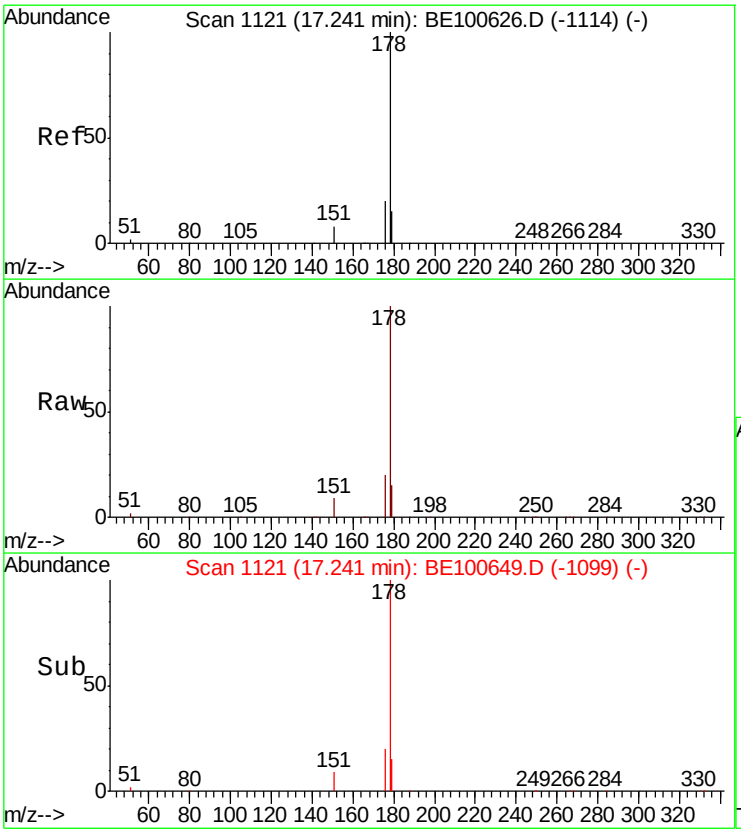
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29127

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	9.4	14.2

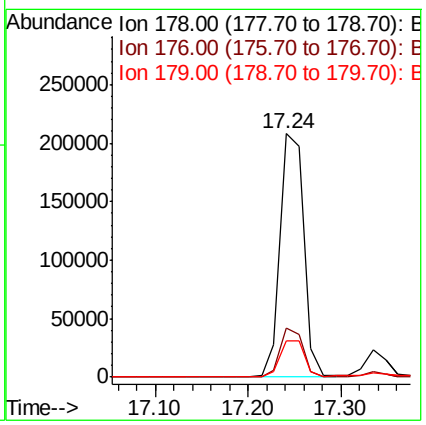


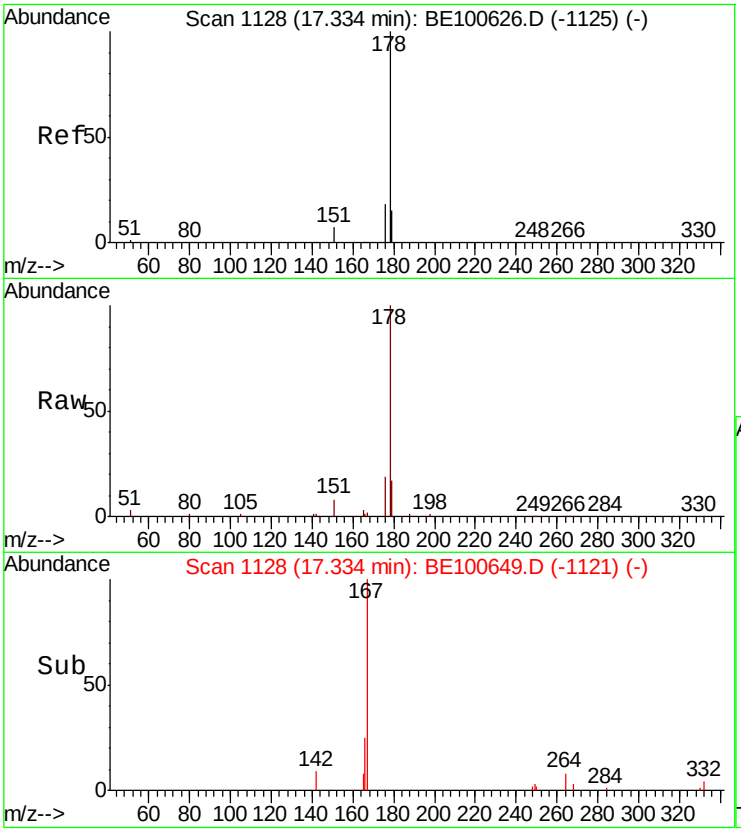


#23
Phenanthrene
Concen: 4.602 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:178 Resp: 368682

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.4	18.6



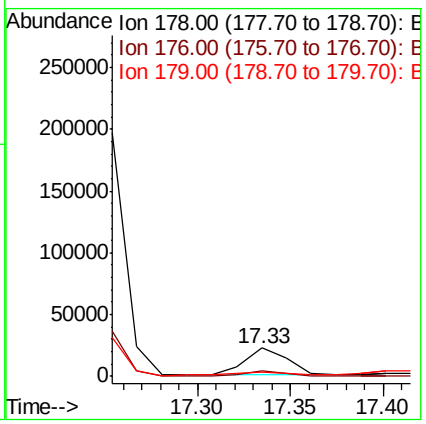


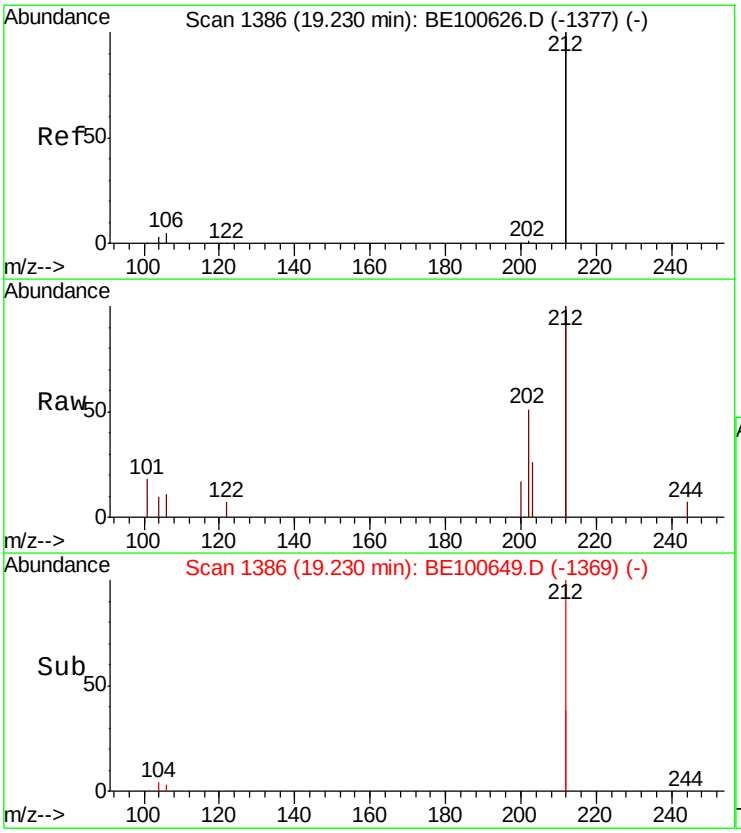
#24
Anthracene
Concen: 0.487 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 36210

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	14.2	12.4	18.6

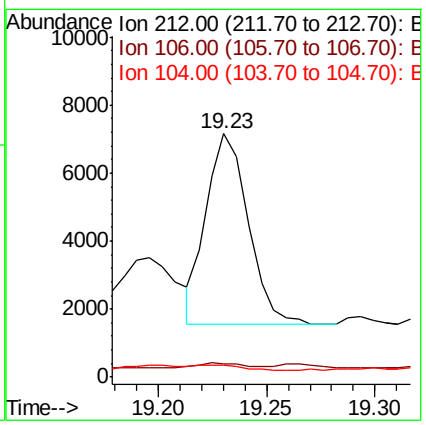


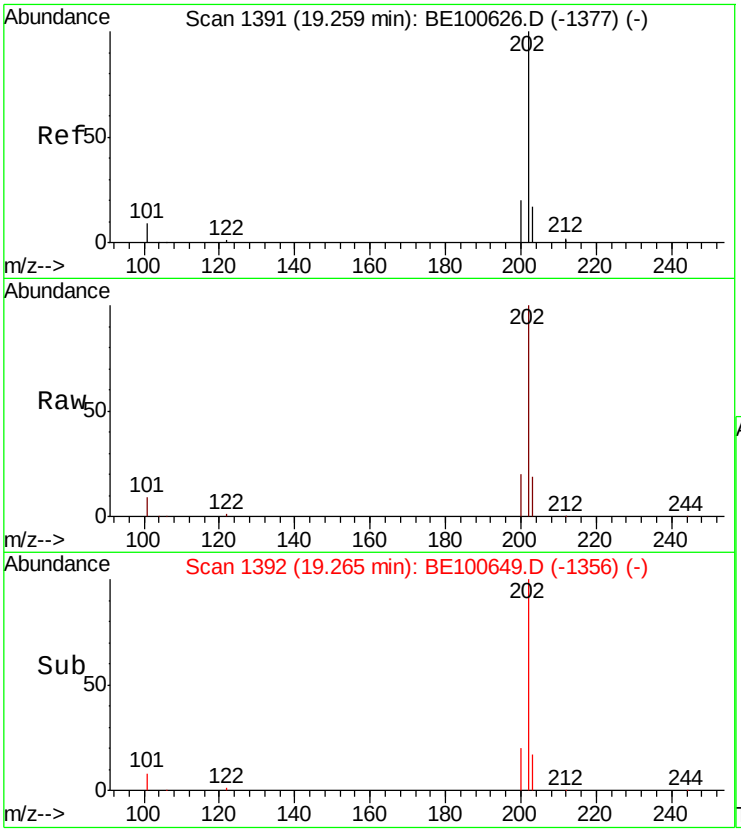


#25
Fluoranthene-d10
Concen: 0.020 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:212 Resp: 7554

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	2.7	1.3	1.9#



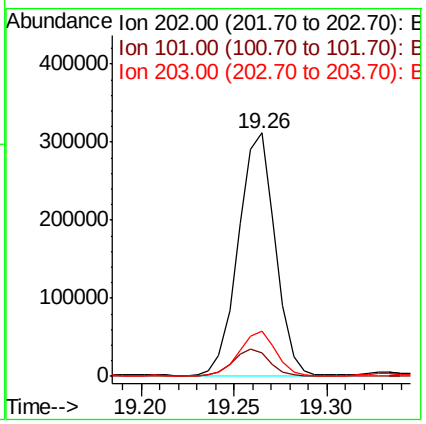


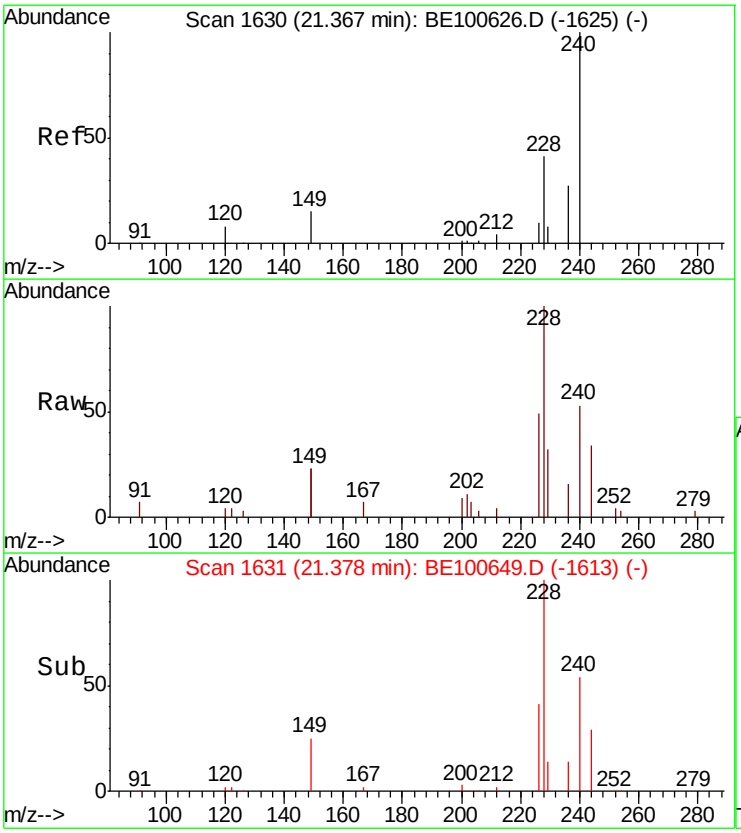
#26
Fluoranthene
Concen: 4.071 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 425722

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.4	12.6
203	18.0	13.8	20.6

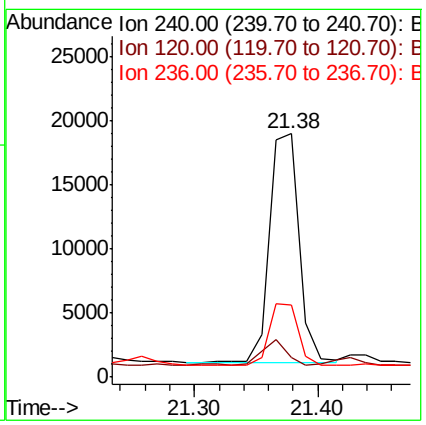


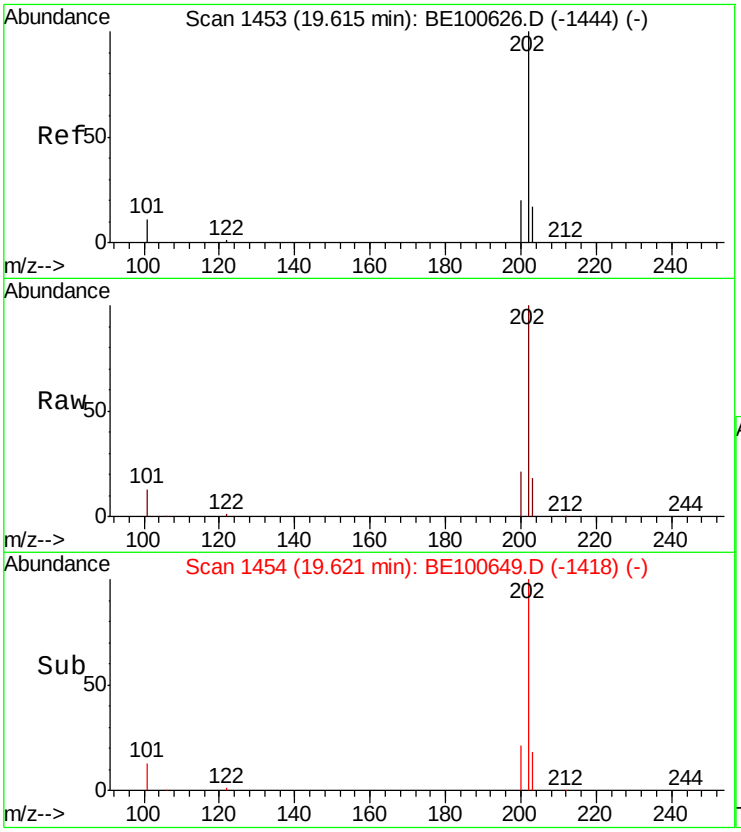


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:240 Resp: 30187

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.4	11.0
236	29.5	21.7	32.5



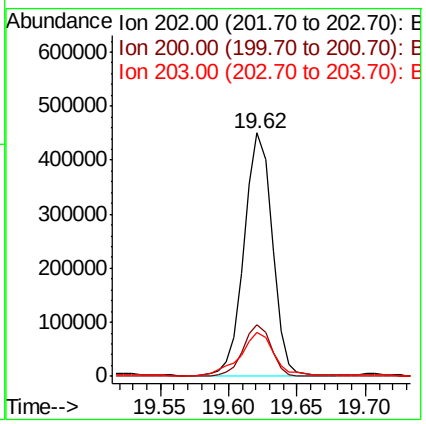


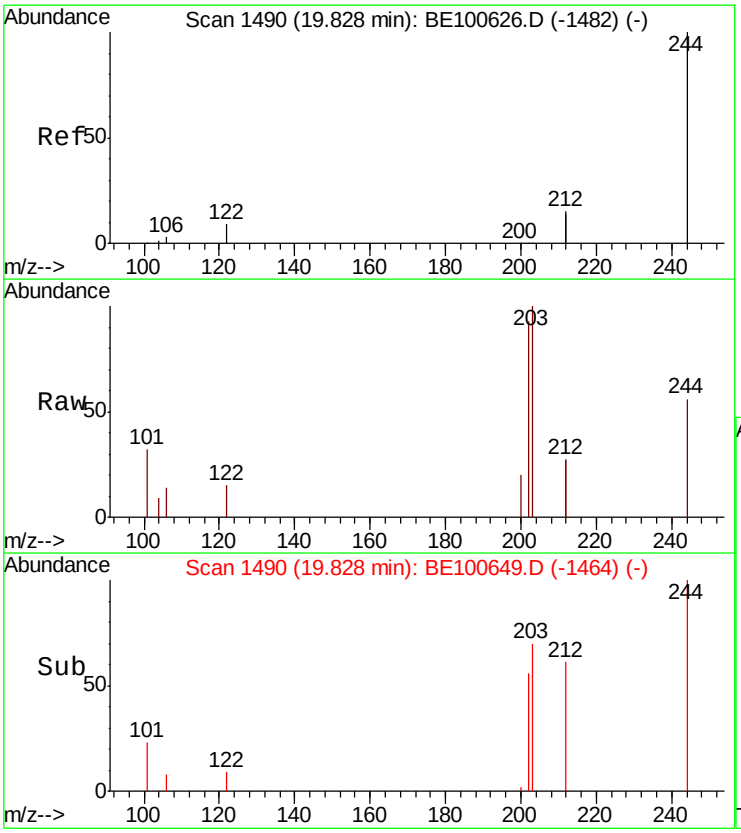
#28
Pyrene
Concen: 7.560 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 637607

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	21.3	13.9	20.9#

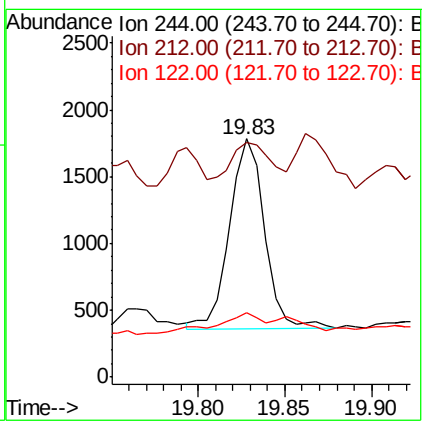


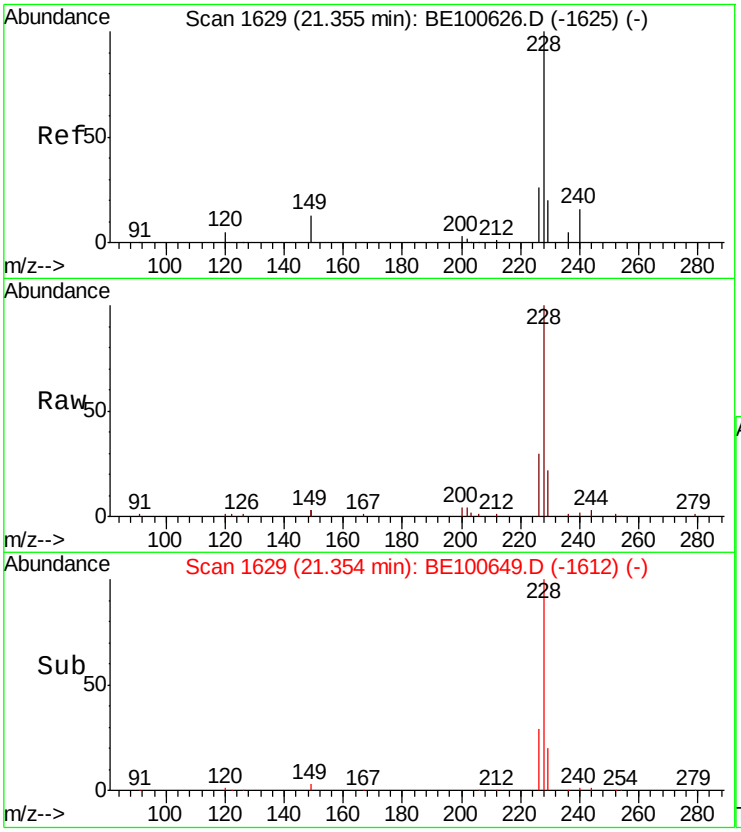


#29
Terphenyl-d14
Concen: 0.031 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:244 Resp: 2019

Ion	Ratio	Lower	Upper
244	100		
212	98.4	23.9	35.9#
122	27.0	7.7	11.5#



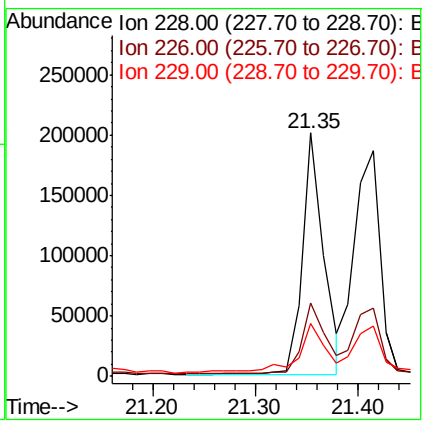


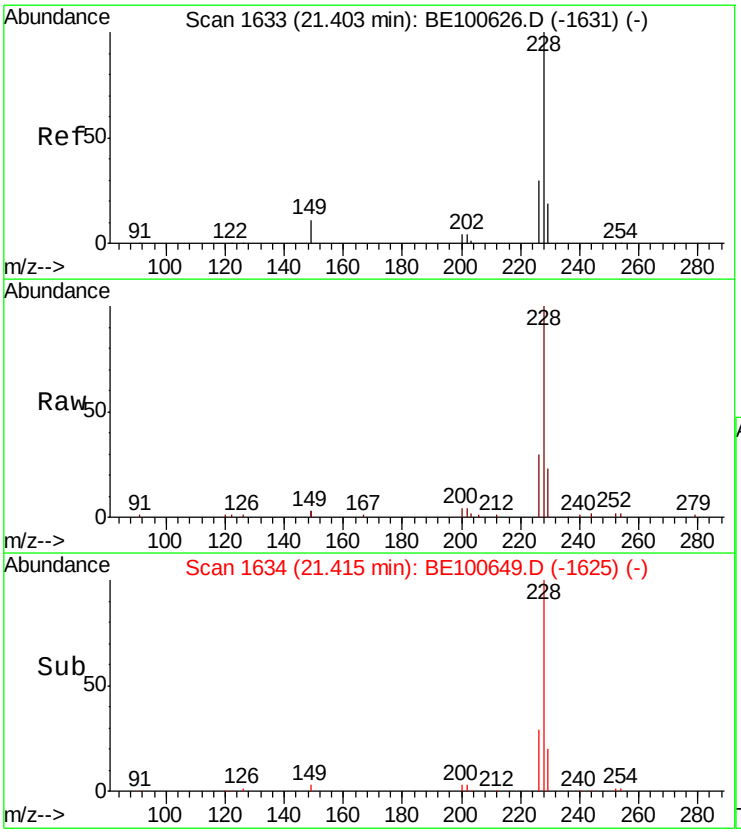
#30
Benzo(a)anthracene
Concen: 2.917 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 287259

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.0	31.6
229	22.0	15.8	23.8

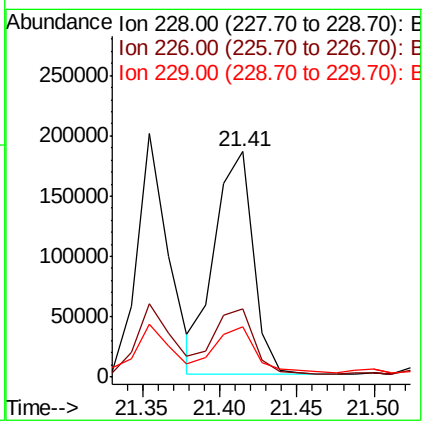


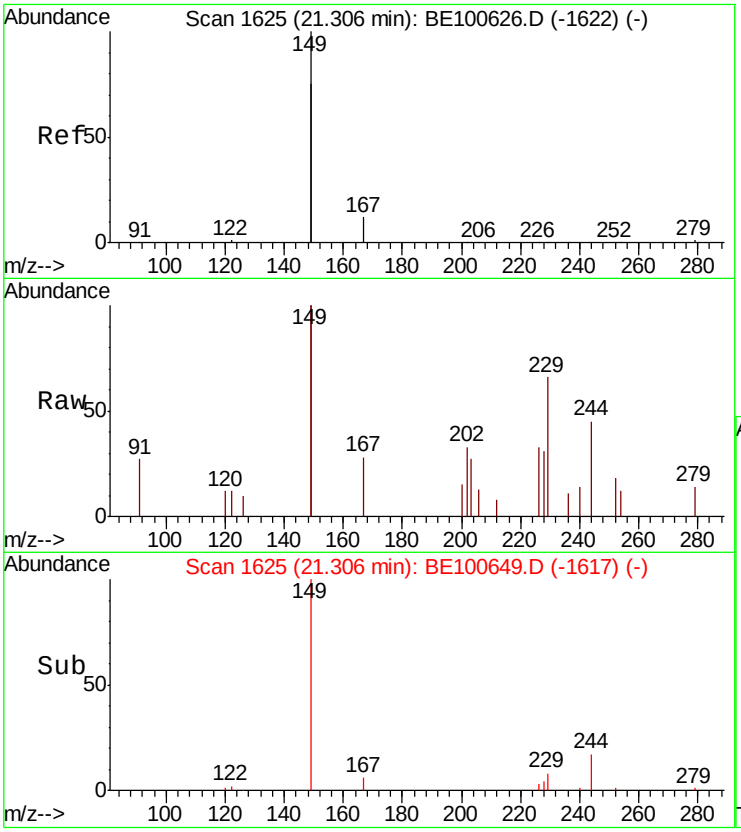


#31
Chrysene
Concen: 3.233 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:228 Resp: 318166

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	22.6	15.6	23.4



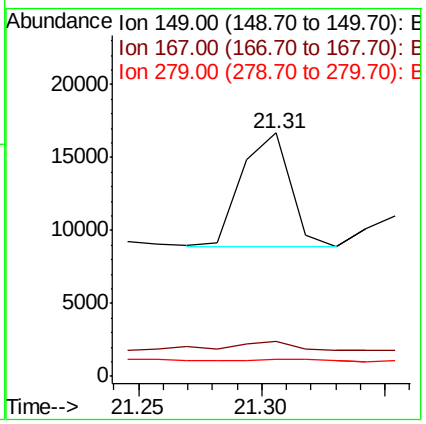


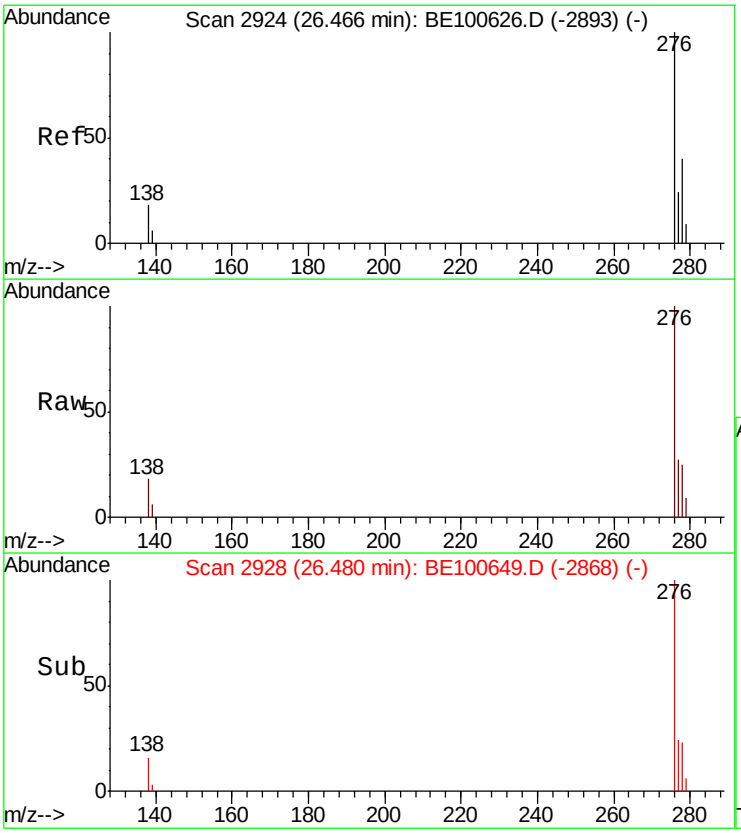
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 10764

Ion	Ratio	Lower	Upper
149	100		
167	11.8	5.4	8.2#
279	2.4	1.5	2.3#

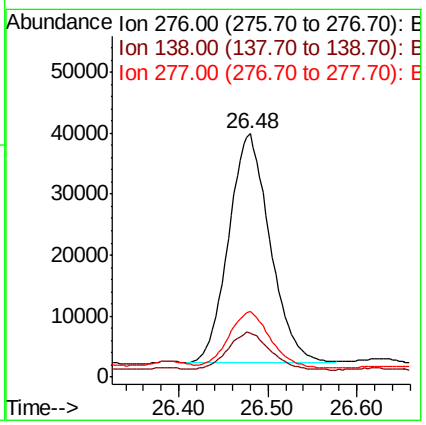


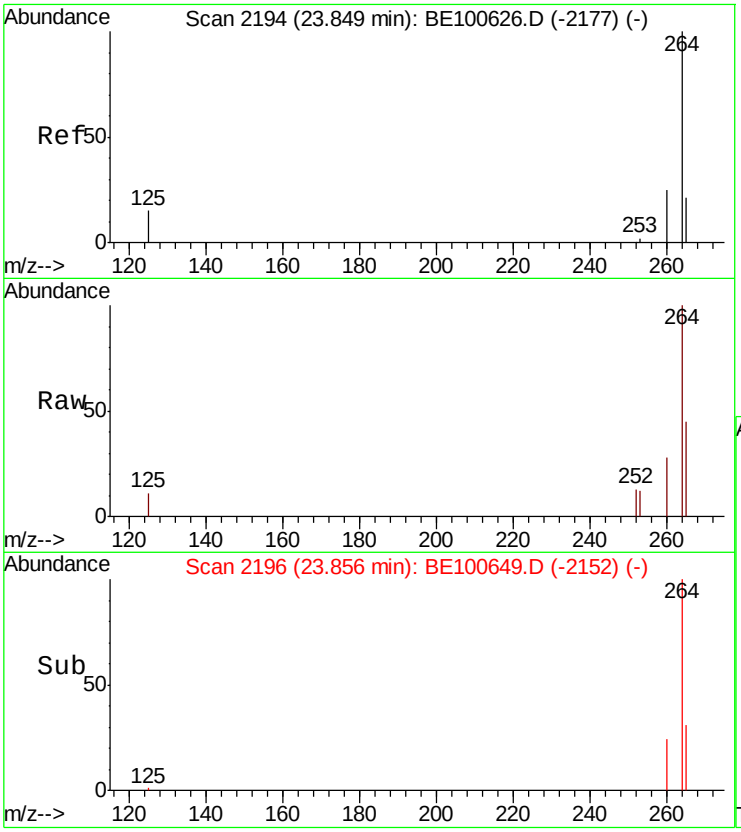


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.005 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:276 Resp: 121520

Ion	Ratio	Lower	Upper
276	100		
138	16.8	16.0	24.0
277	24.5	19.7	29.5



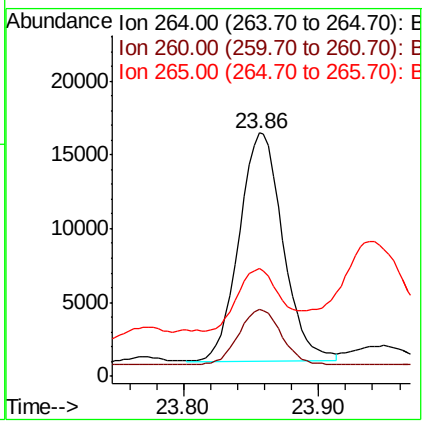


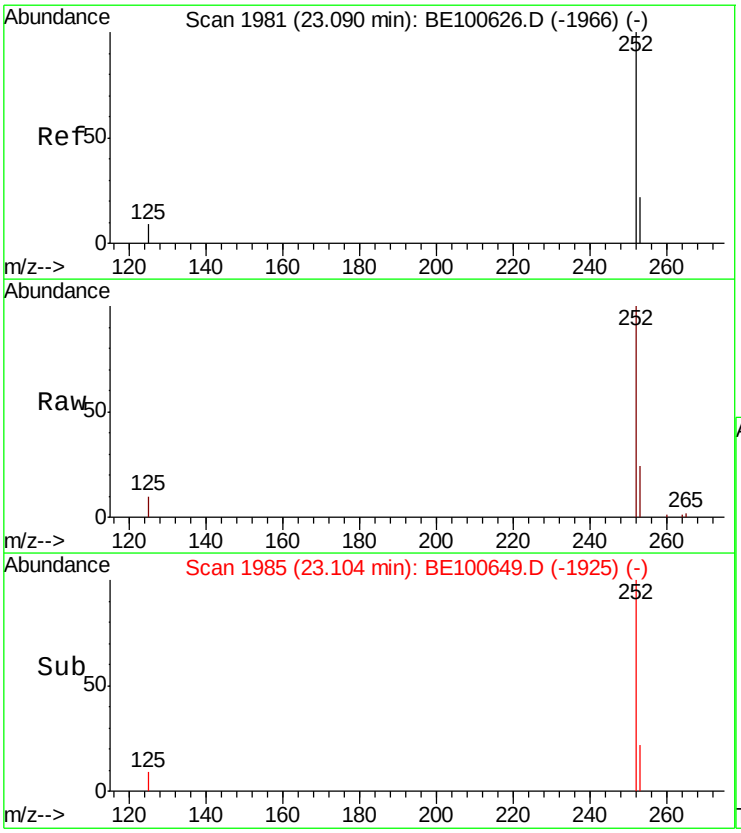
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 35119

Ion	Ratio	Lower	Upper
264	100		
260	27.6	19.9	29.9
265	44.5	20.0	30.0#

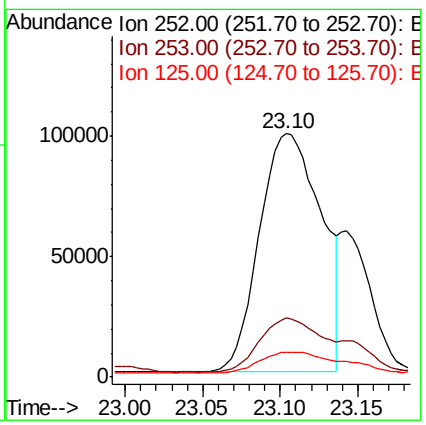


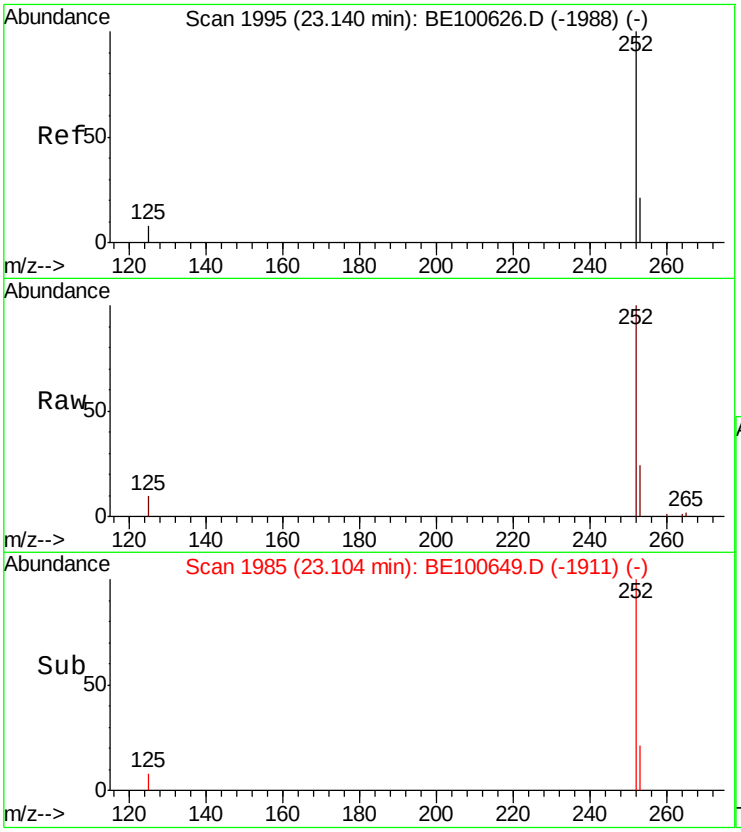


#35
Benzo(b)fluoranthene
Concen: 2.683 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:252 Resp: 274718

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	10.2	7.6	11.4



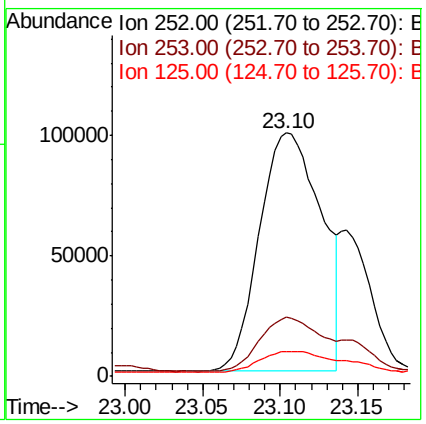


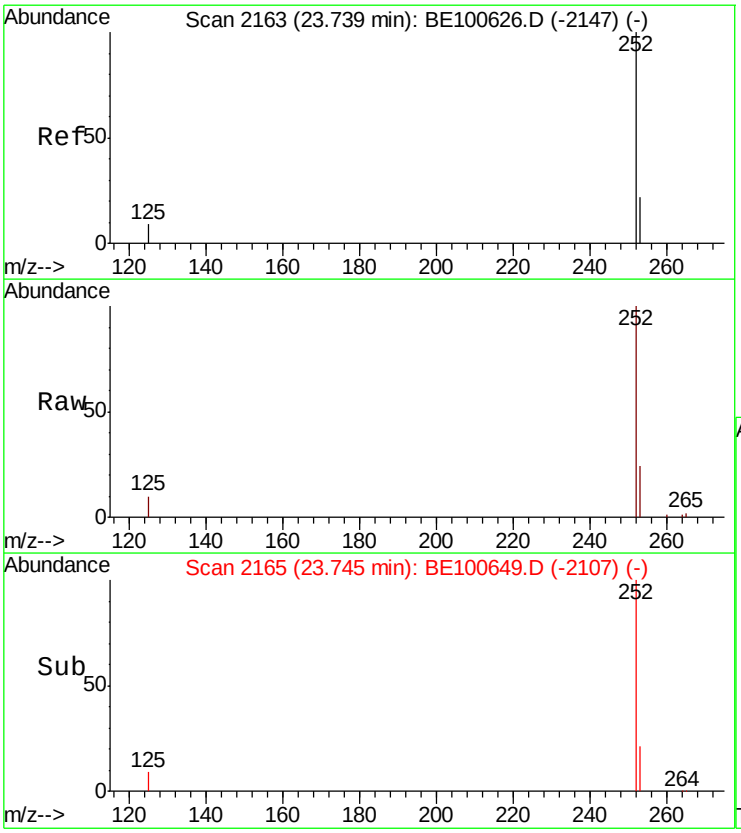
#36
Benzo(k)fluoranthene
Concen: 2.608 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.04 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 274718

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	10.2	7.6	11.4

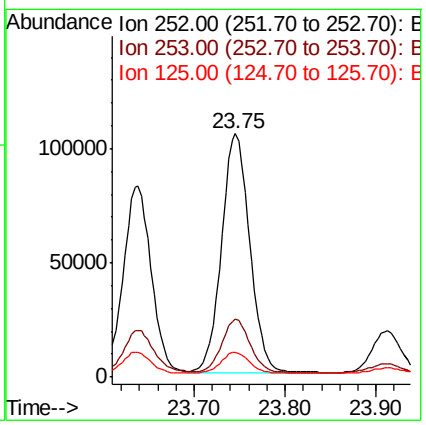


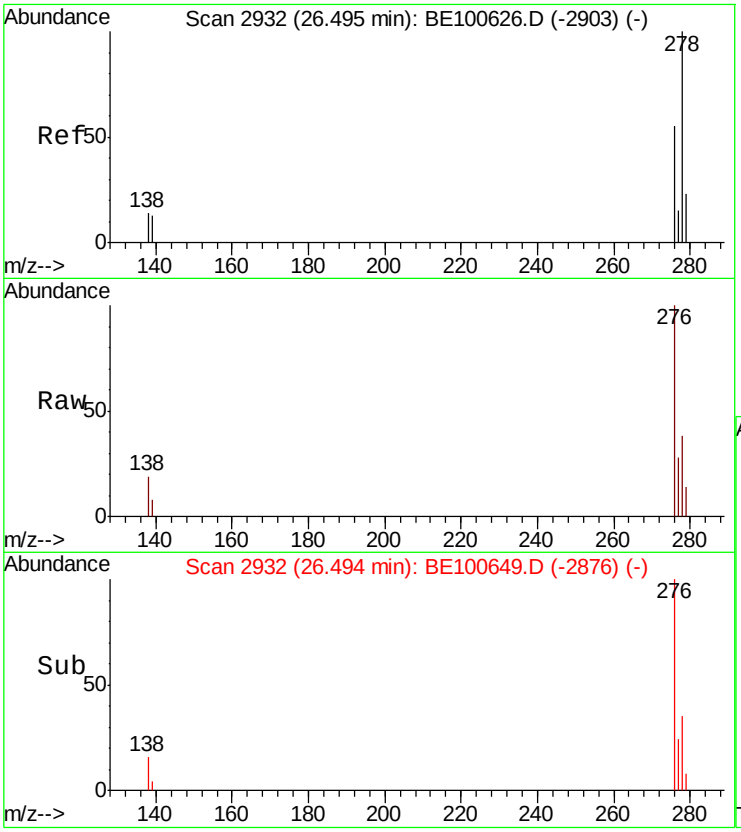


#37
Benzo(a)pyrene
Concen: 2.367 ng
RT: 23.75 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:252 Resp: 225581

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	10.2	8.1	12.1



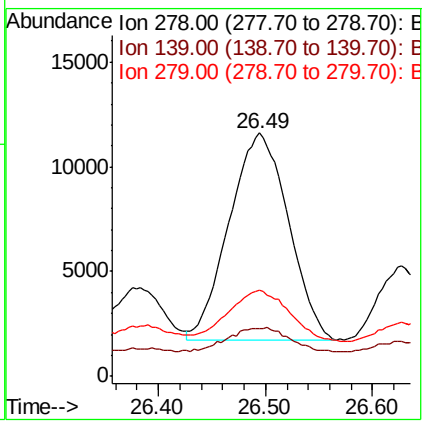


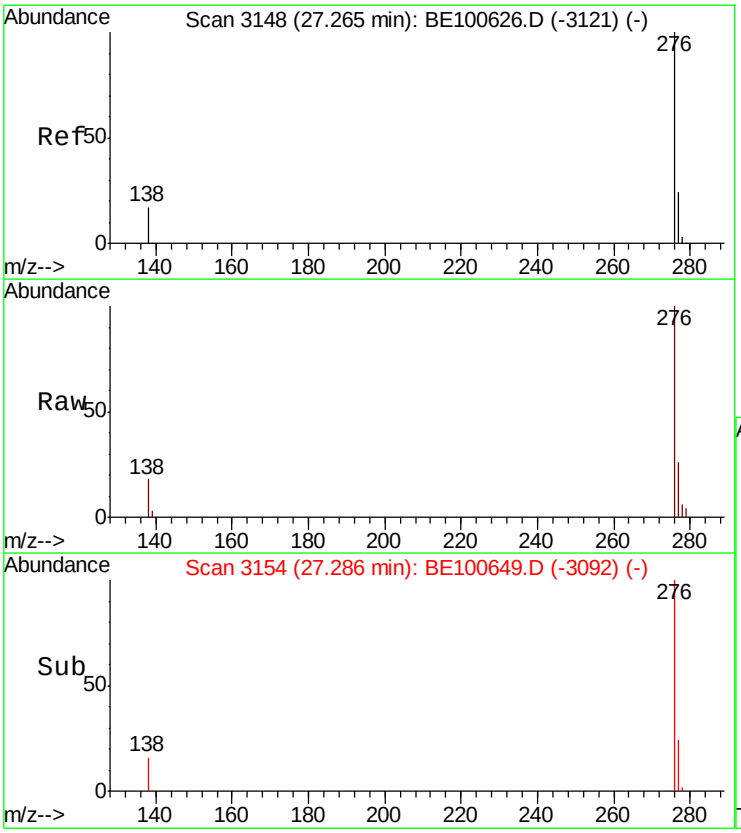
#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.49 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 37835

Ion	Ratio	Lower	Upper
278	100		
139	19.7	11.2	16.8#
279	35.2	19.0	28.6#





#39
Benzo(g,h,i)perylene
Concen: 1.437 ng
RT: 27.29 min Scan# 3154
Delta R.T. 0.02 min
Lab File: BE100649.D
Acq: 15 Oct 2019 14:47

Tgt Ion:276 Resp: 142427

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.3	28.9
138	18.2	14.5	21.7