Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110819\
Data File : BE100714.D
Acq On : 8 Nov 2019 12:40
Operator : JU
Sample : K5725-03DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 08 13:18:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	1957	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	9846	0.40	ng		0.01
13) Acenaphthene-d10	14.49	164	8784	0.40	ng		0.01
19) Phenanthrene-d10	17.20	188	15064	0.40	ng		0.00
27) Chrysene-d12	21.37	240	15930	0.40	ng		0.01
34) Perylene-d12	23.85	264	17893	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	118	0.02	ng		0.01
5) Phenol-d6	7.02	99	273	0.03	ng		0.01
8) Nitrobenzene-d5	8.99	82	3983	0.65	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	1166	0.08	ng		0.01
14) 2,4,6-Tribromophenol	15.96	330	18	0.01	ng		0.01
15) 2-Fluorobiphenyl	13.16	172	316	0.01	ng		0.06
25) Fluoranthene-d10	19.23	212	4947	0.03	ng		0.01
29) Terphenyl-d14	19.82	244	1215	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	42897	0.414	ng	#	92
12) 2-Methylnaphthalene	12.31	142	5398	0.306	ng	#	52
16) Acenaphthylene	14.21	152	13960	0.369	ng	#	25
17) Acenaphthene	14.54	154	8929	0.366	ng	#	47
18) Fluorene	15.51	166	30714	0.947	ng	#	48
20) 4-Bromophenyl-phenylether	16.40	248	462	0.060	ng	#	1
23) Phenanthrene	17.24	178	110454	2.666	ng	#	76
24) Anthracene	17.34	178	27942	0.727	ng	#	78
26) Fluoranthene	19.26	202	177097	3.275	ng		99
28) Pyrene	19.62	202	223867	5.030	ng	#	90
30) Benzo(a)anthracene	21.35	228	122117	2.350	ng		95
31) Chrysene	21.35	228	101231	1.949	ng		94
32) Bis(2-ethylhexyl)phthalate	21.29	149	3773	0.035	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.47	276	90186	1.413	ng		96
35) Benzo(b)fluoranthene	23.09	252	153452	2.941	ng		99
36) Benzo(k)fluoranthene	23.09	252	153452	2.860	ng	#	95
37) Benzo(a)pyrene	23.74	252	118790	2.446	ng		99
38) Dibenzo(a,h)anthracene	26.48	278	24180	0.482	ng	#	89
39) Benzo(g,h,i)perylene	27.28	276	88084	1.745	ng		99

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

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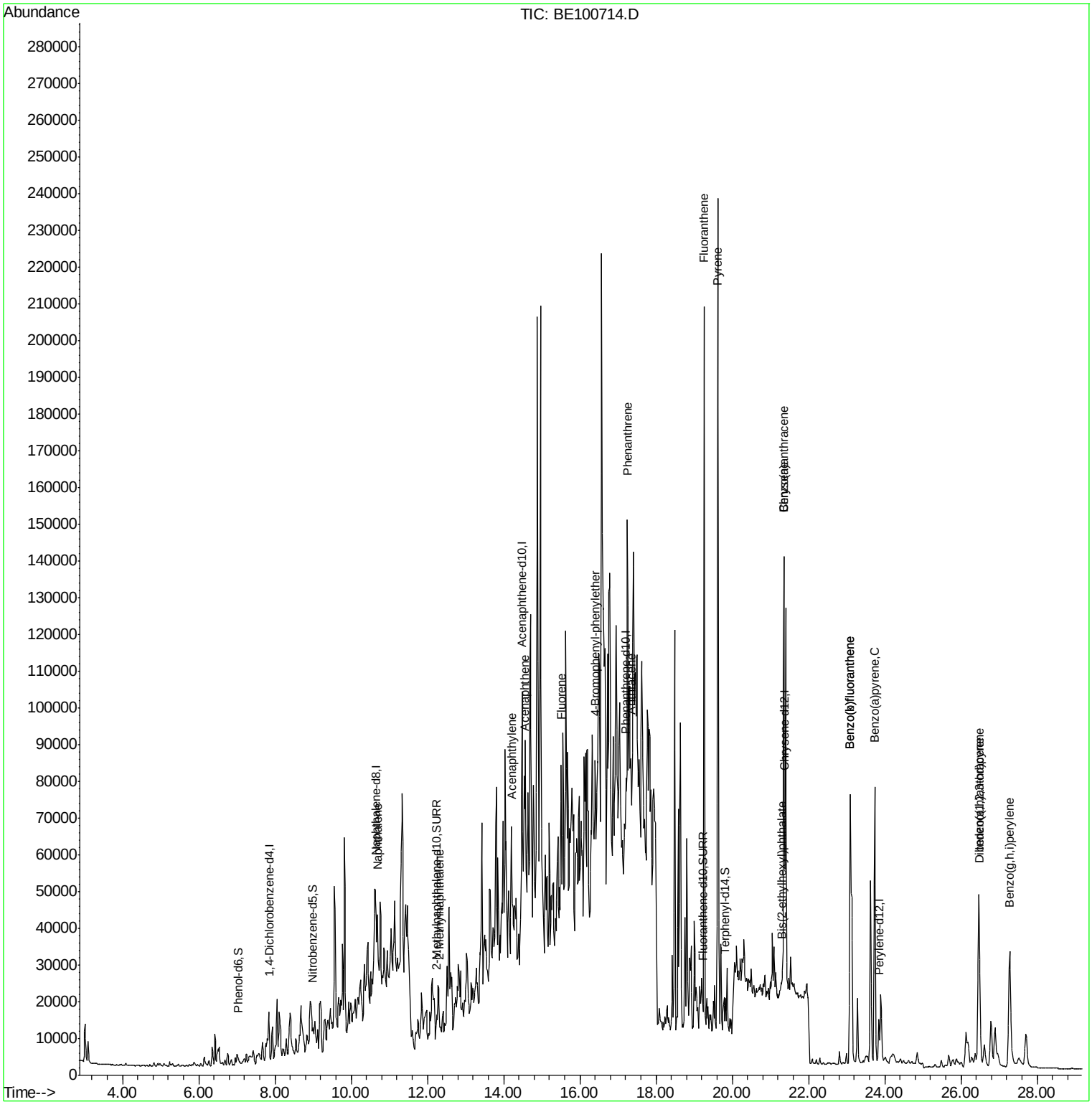
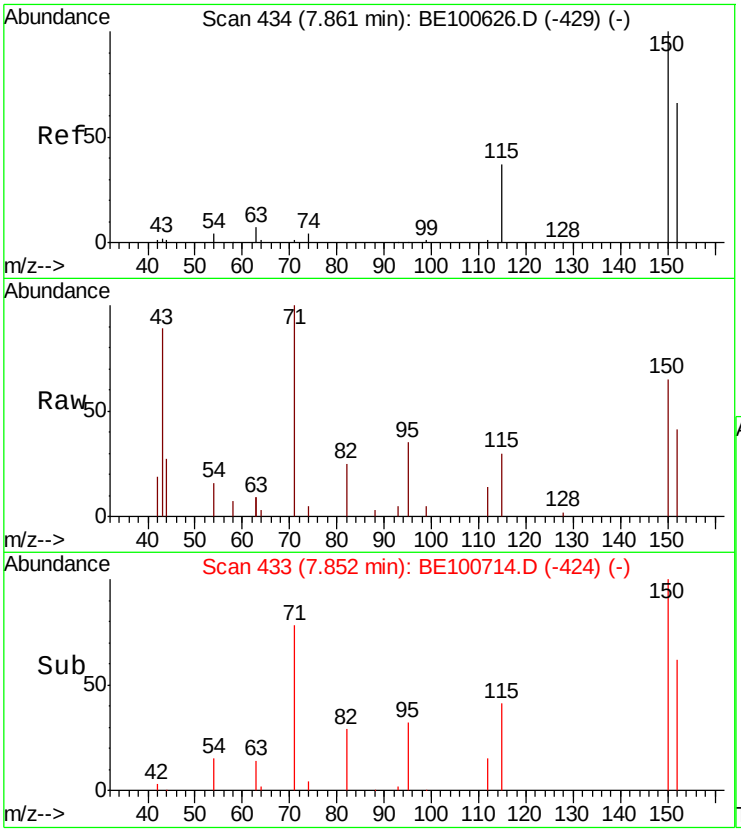


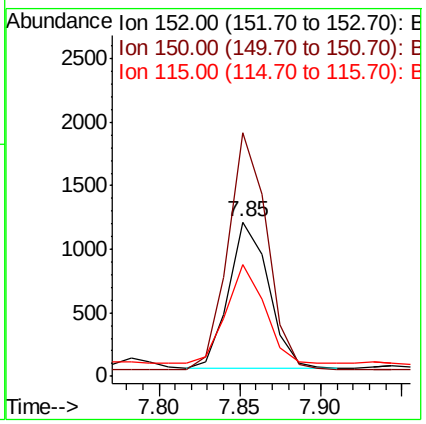


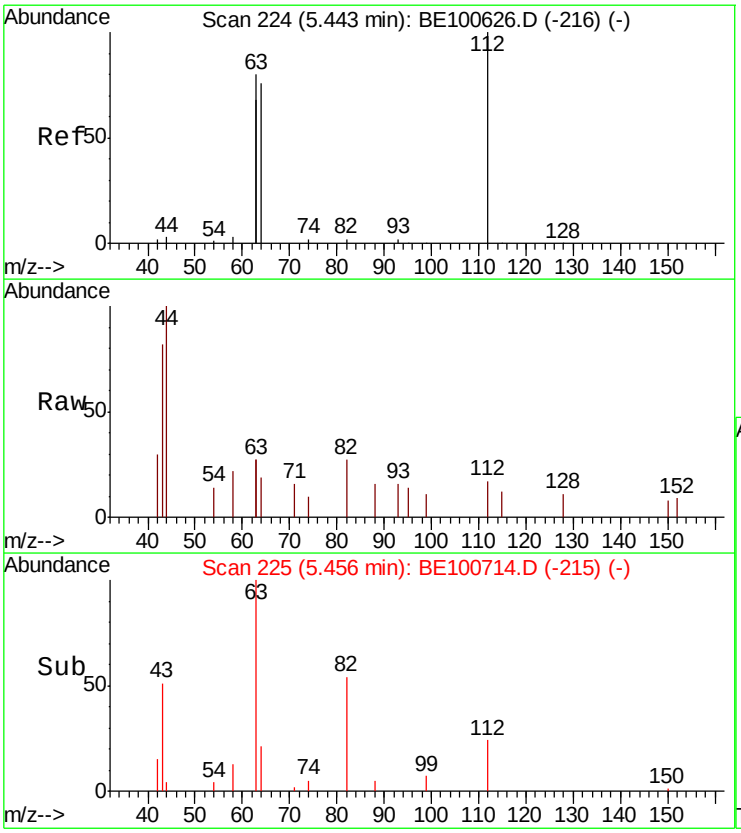
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1957

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.3	184.9
115	72.3	51.9	77.9

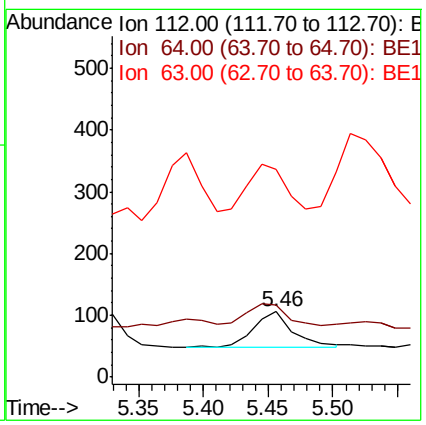


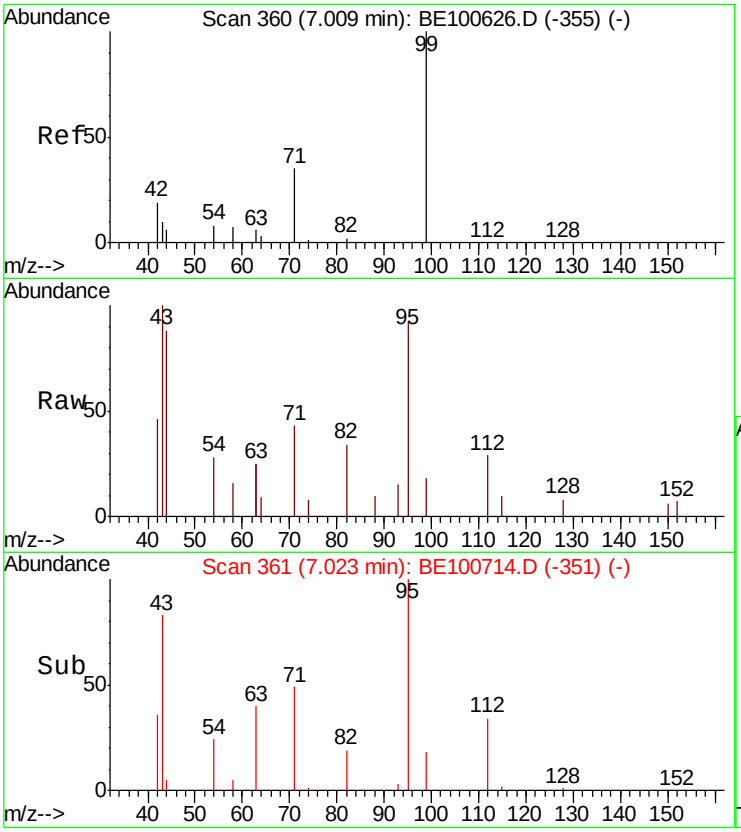


#4
2-Fluorophenol
Concen: 0.020 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:112 Resp: 118

Ion	Ratio	Lower	Upper
112	100		
64	57.6	55.4	83.2
63	128.0	114.2	171.4



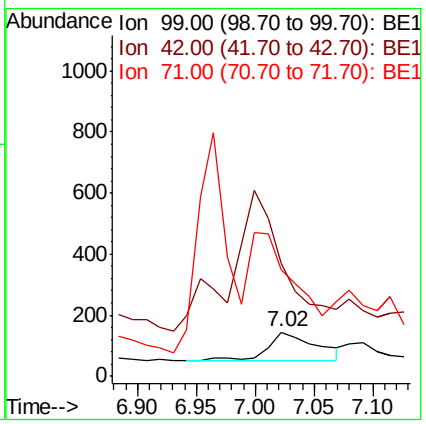


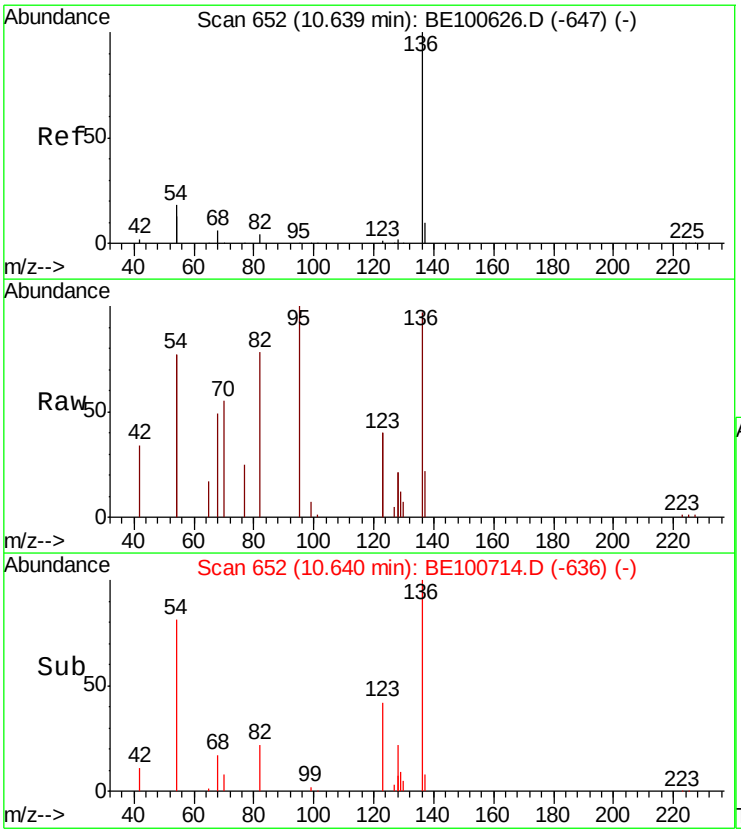
#5
Phenol-d6
Concen: 0.032 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 273

Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.7	26.5#
71	0.0	27.4	41.0#

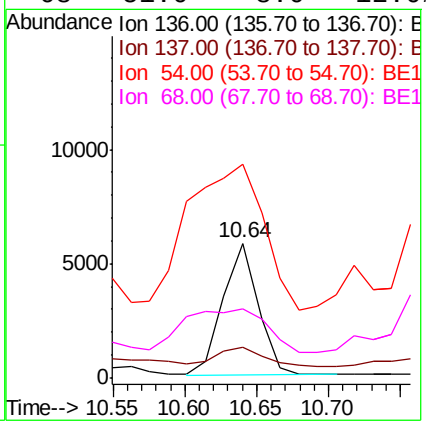


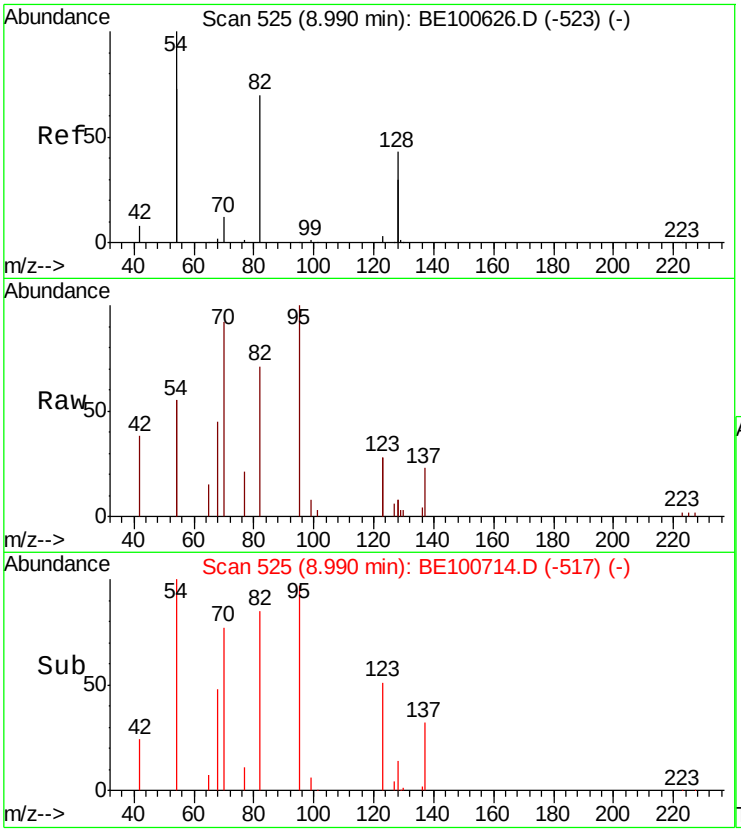


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:136 Resp: 9846

Ion	Ratio	Lower	Upper
136	100		
137	23.0	9.2	13.8#
54	158.6	39.4	59.2#
68	51.0	8.0	12.0#



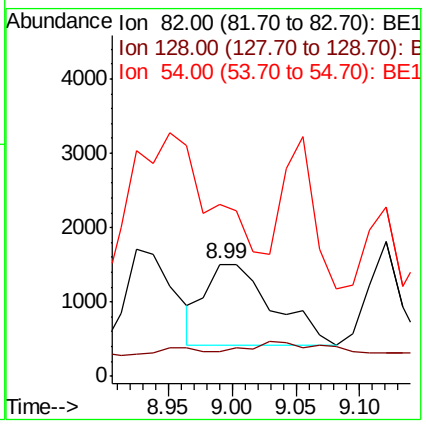


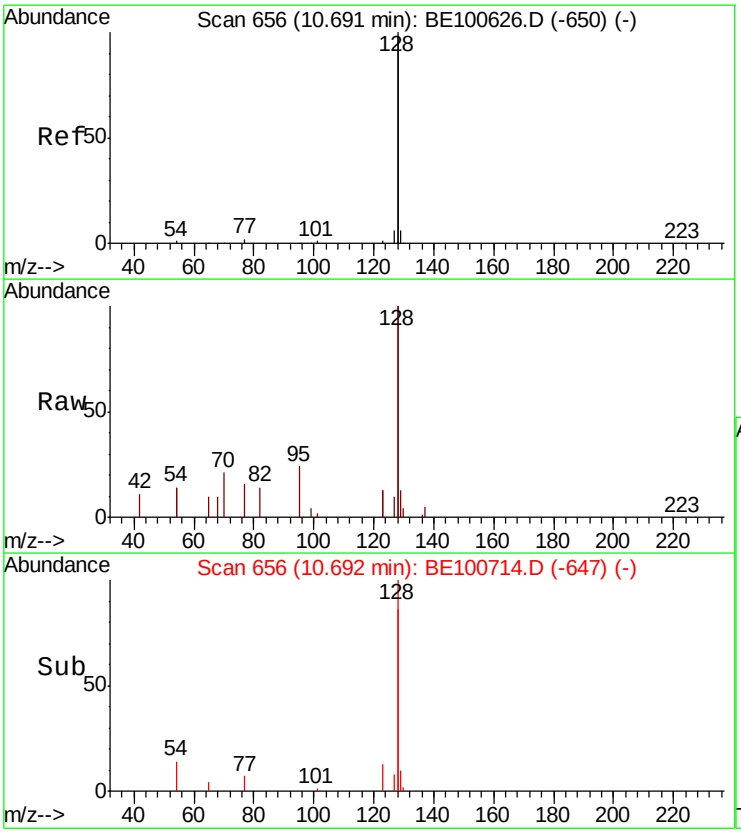
#8
Nitrobenzene-d5
Concen: 0.653 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 3983

Ion	Ratio	Lower	Upper
82	100		
128	22.2	107.8	161.8#
54	153.3	166.1	249.1#

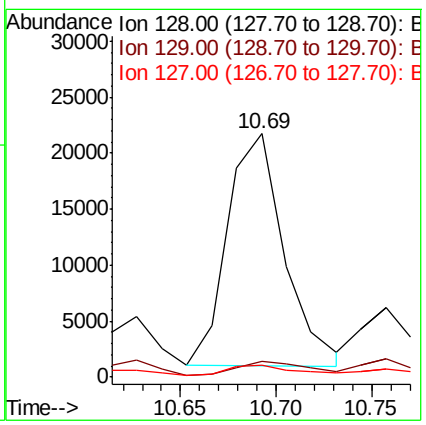


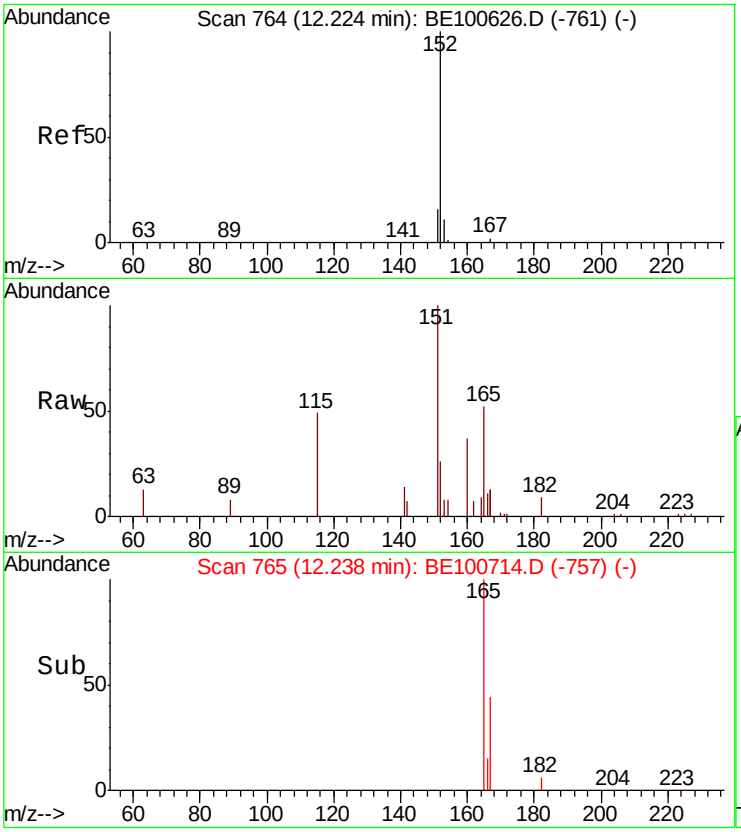


#9
Naphthalene
Concen: 0.414 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:128 Resp: 42897

Ion	Ratio	Lower	Upper
128	100		
129	6.7	2.3	3.5#
127	4.9	2.7	4.1#



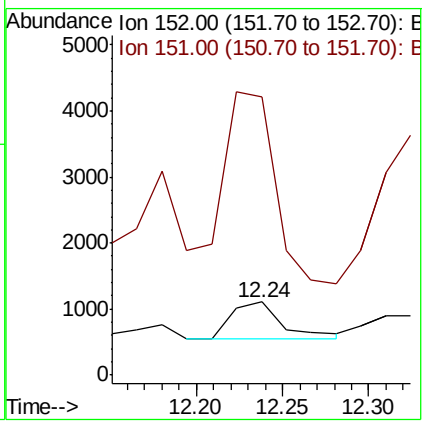


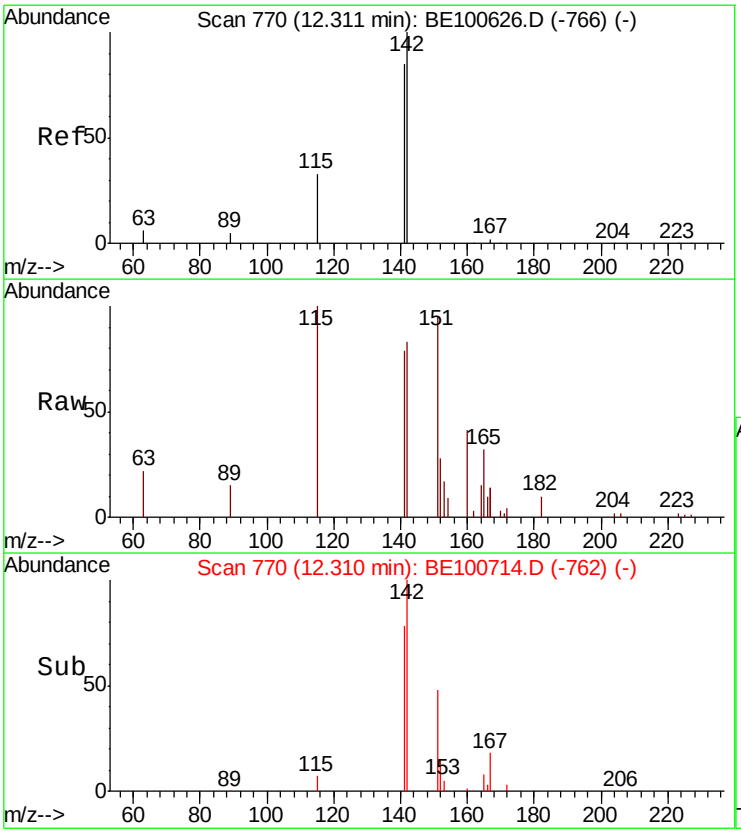
#11
2-Methylnaphthalene-d10
Concen: 0.075 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1166

Ion	Ratio	Lower	Upper
152	100		
151	512.3	14.7	22.1#

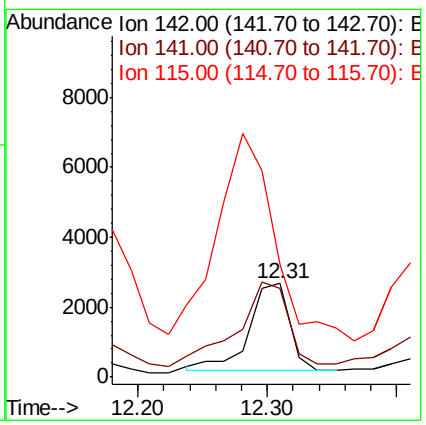


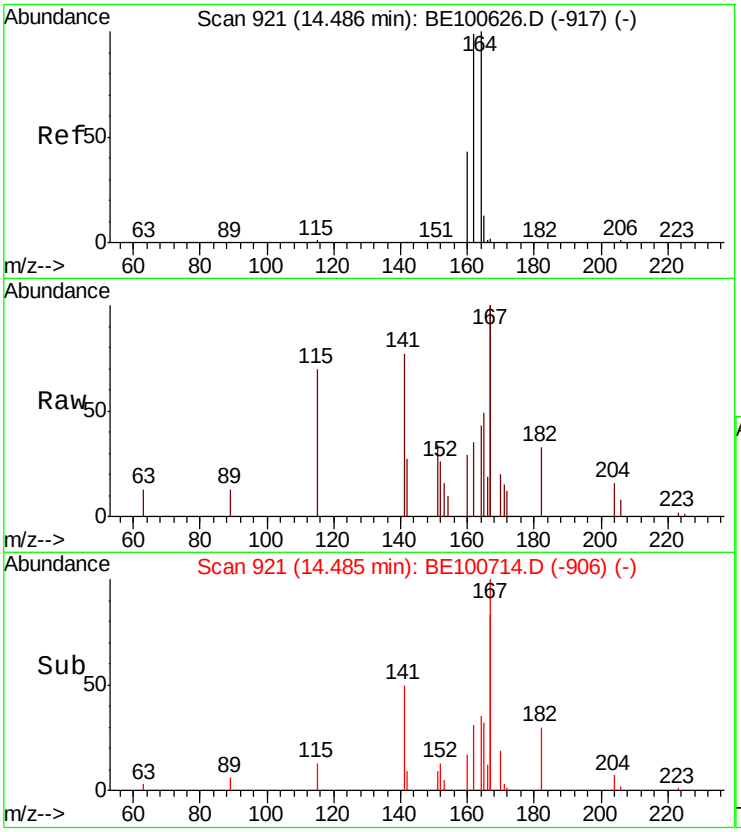


#12
2-Methylnaphthalene
Concen: 0.306 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:142 Resp: 5398

Ion	Ratio	Lower	Upper
142	100		
141	95.1	70.1	105.1
115	120.7	28.3	42.5#



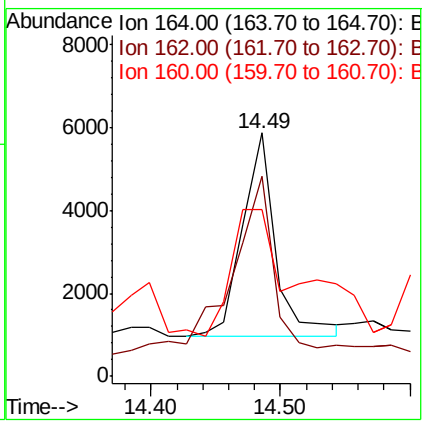


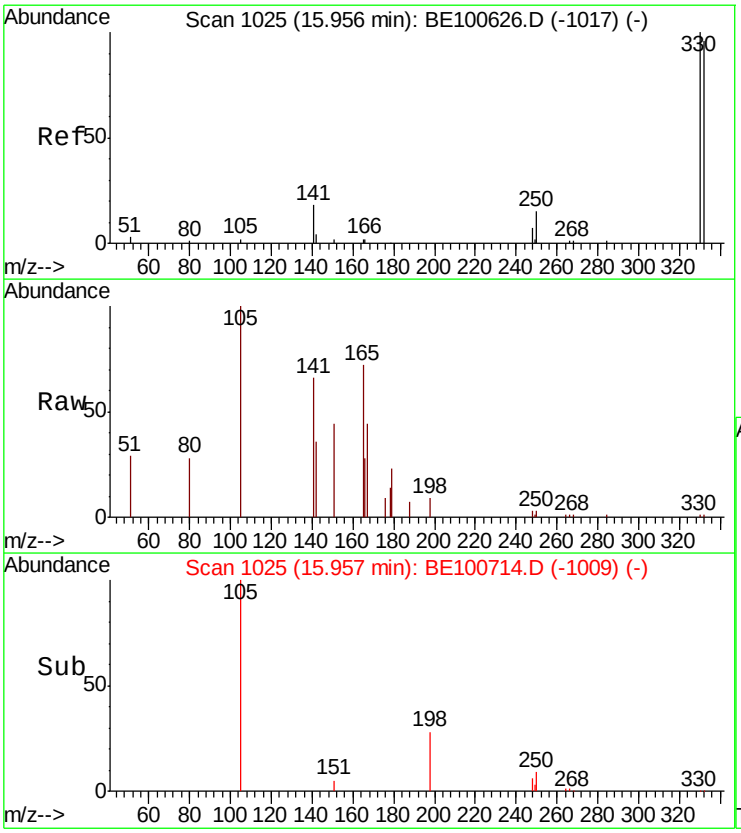
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8784

Ion	Ratio	Lower	Upper
164	100		
162	82.1	82.0	123.0
160	68.3	37.5	56.3#

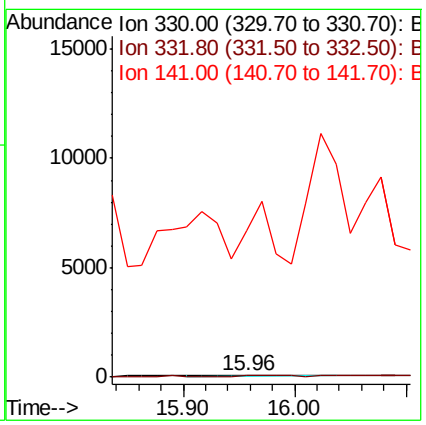


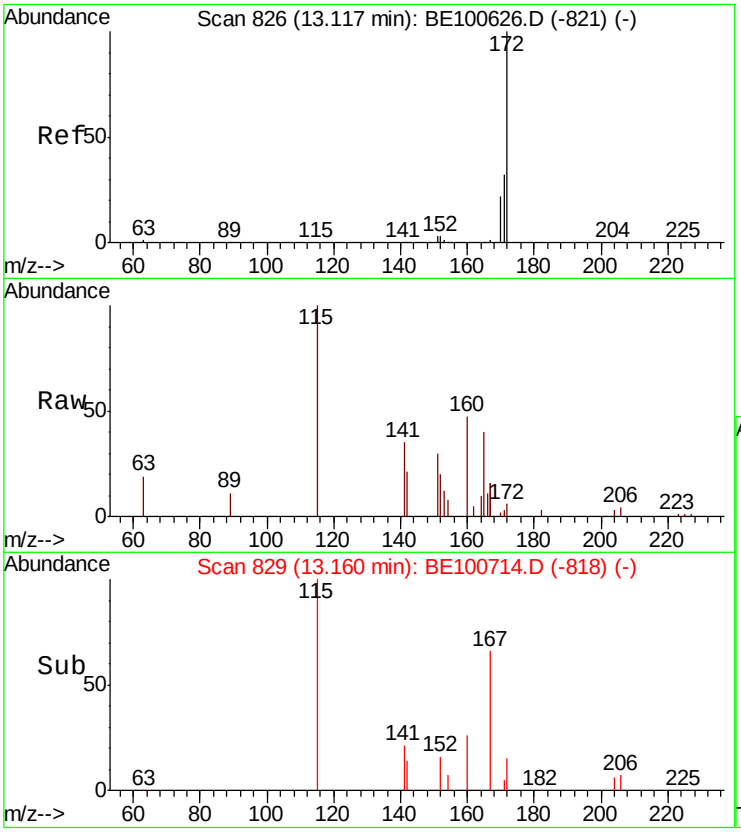


#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:330 Resp: 18

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.9	116.9#
141	0.0	33.0	49.6#



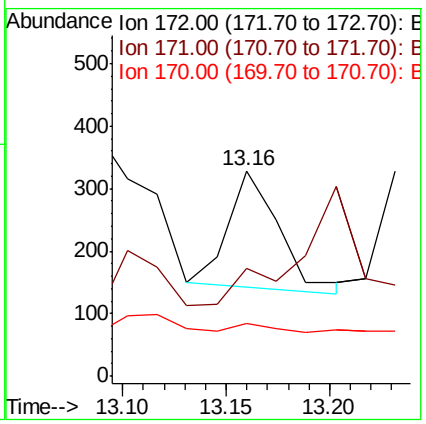


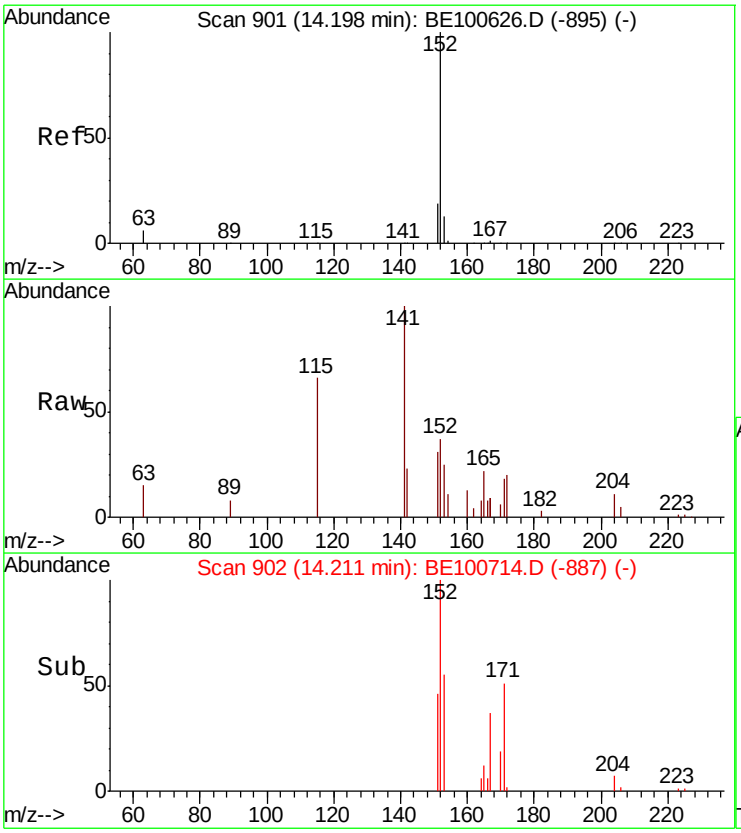
#15
2-Fluorobiphenyl
Concen: 0.010 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.06 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 316

Ion	Ratio	Lower	Upper
172	100		
171	52.4	26.5	39.7#
170	25.9	19.0	28.4

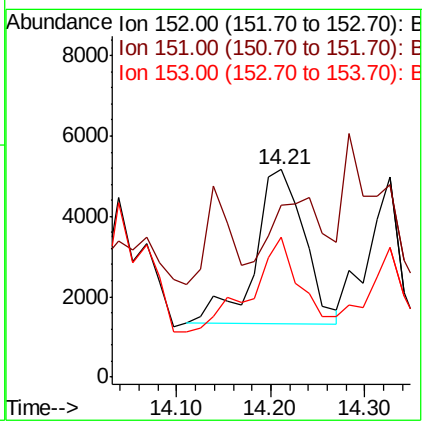


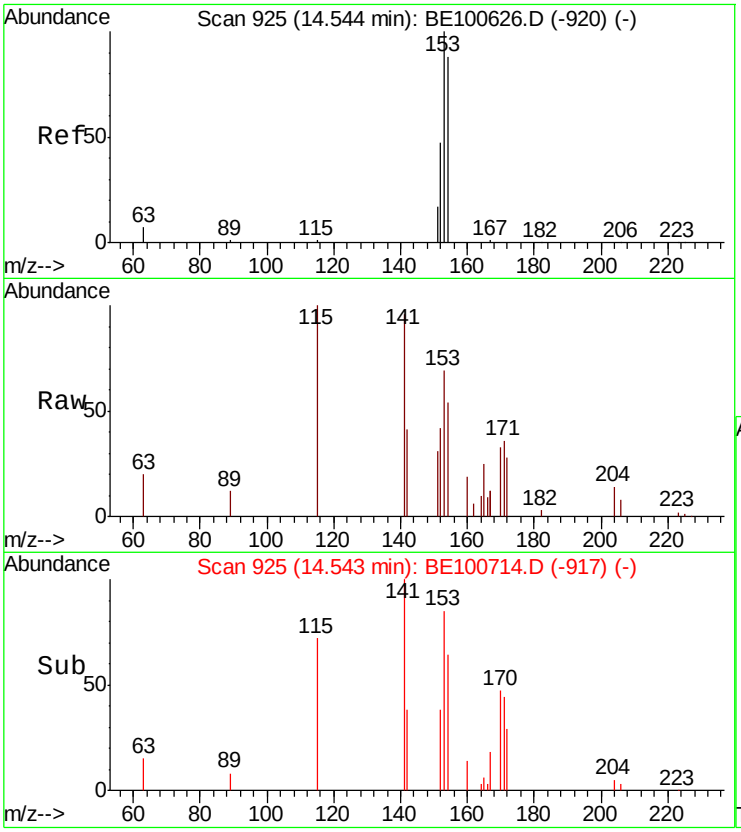


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:152 Resp: 13960

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.2	22.8#
153	62.1	10.3	15.5#



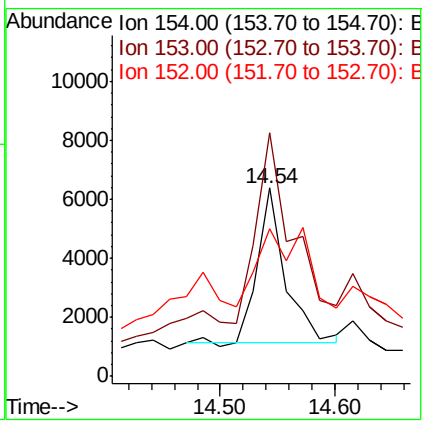


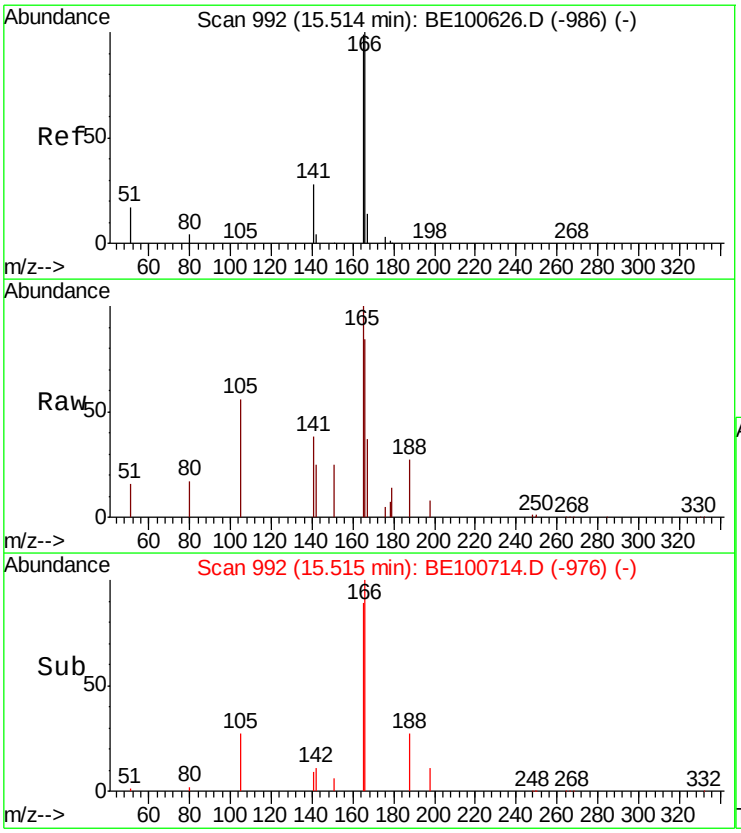
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8929

Ion	Ratio	Lower	Upper
154	100		
153	155.4	89.4	134.2#
152	0.0	44.1	66.1#

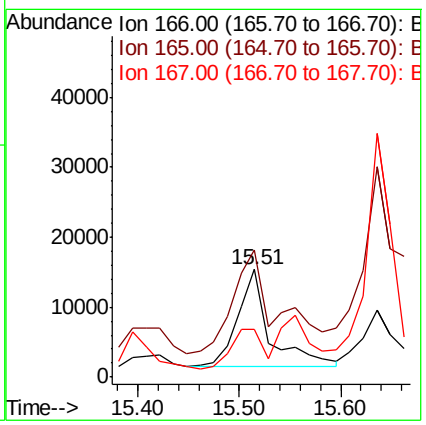


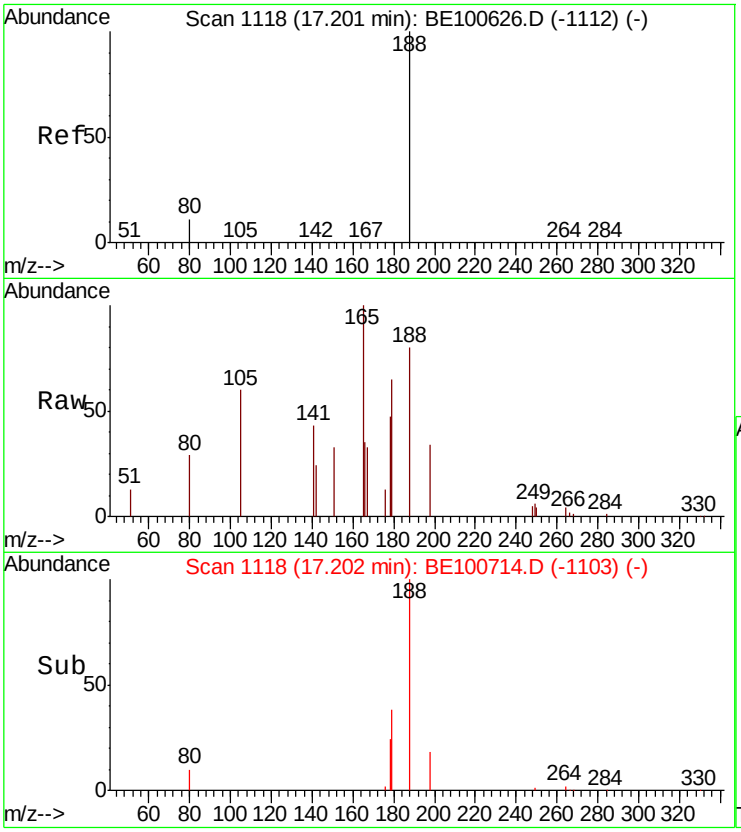


#18
Fluorene
Concen: 0.947 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:166 Resp: 30714

Ion	Ratio	Lower	Upper
166	100		
165	148.5	78.6	117.8#
167	39.2	10.9	16.3#



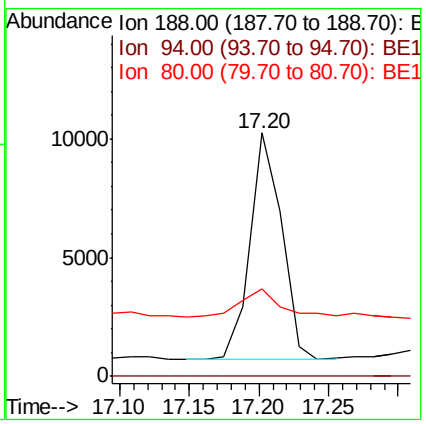


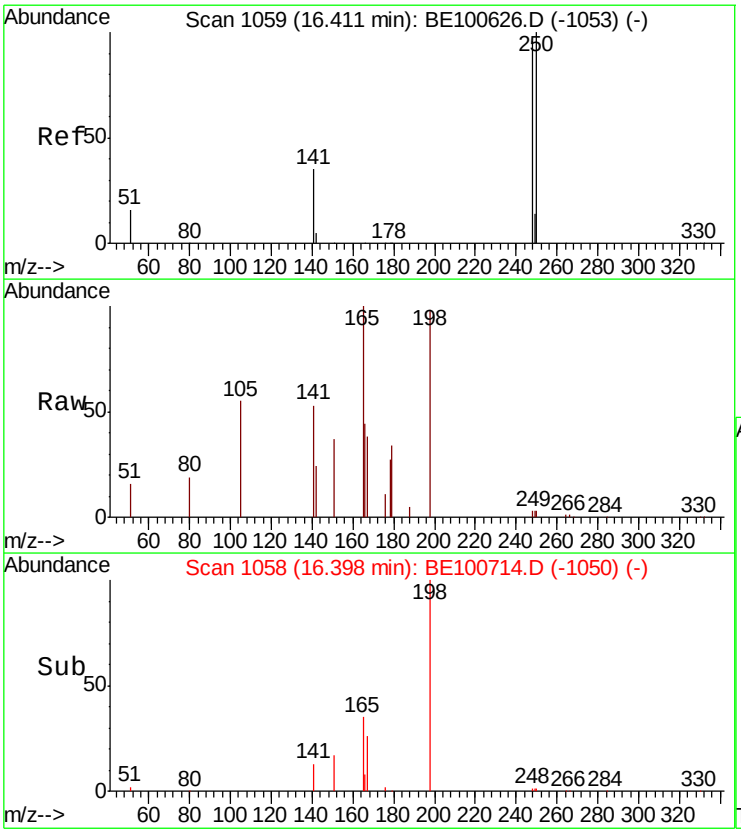
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 15064

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	35.9	5.4	8.0#

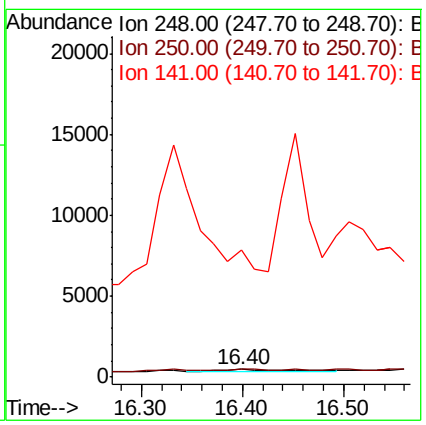


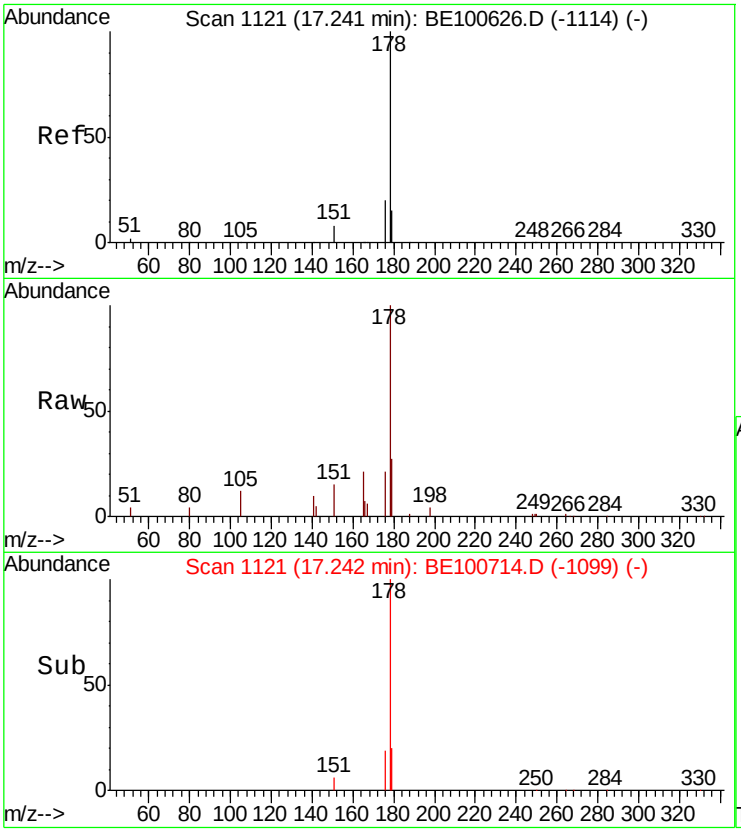


#20
4-Bromophenyl-phenylether
Concen: 0.060 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:248 Resp: 462

Ion	Ratio	Lower	Upper
248	100		
250	103.2	76.3	114.5
141	1682.2	37.3	55.9#



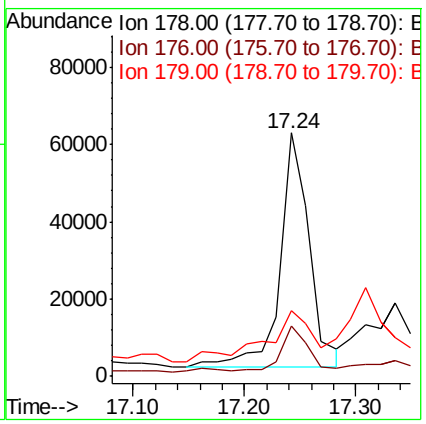


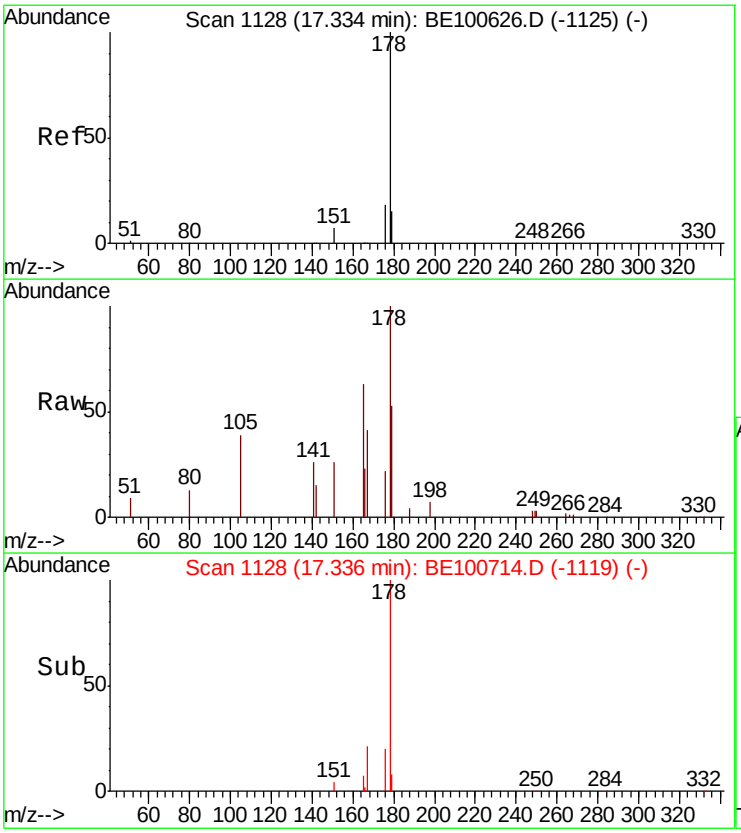
#23
Phenanthrene
Concen: 2.666 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 110454

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.2	22.8
179	35.3	12.1	18.1#

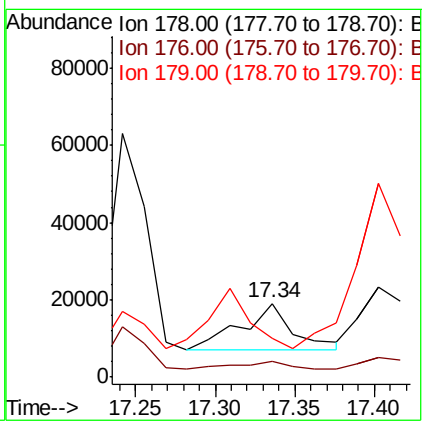


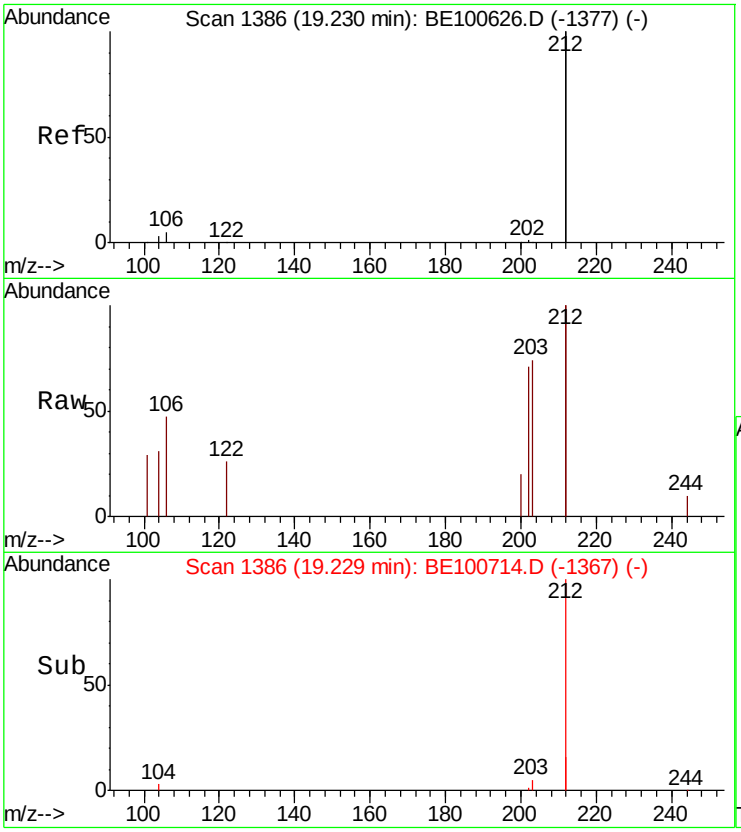


#24
Anthracene
Concen: 0.727 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:178 Resp: 27942

Ion	Ratio	Lower	Upper
178	100		
176	14.8	15.0	22.4#
179	0.0	12.5	18.7#



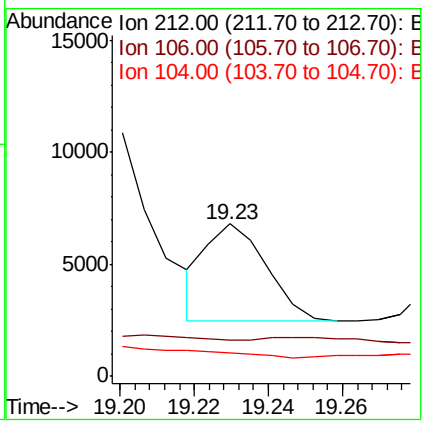


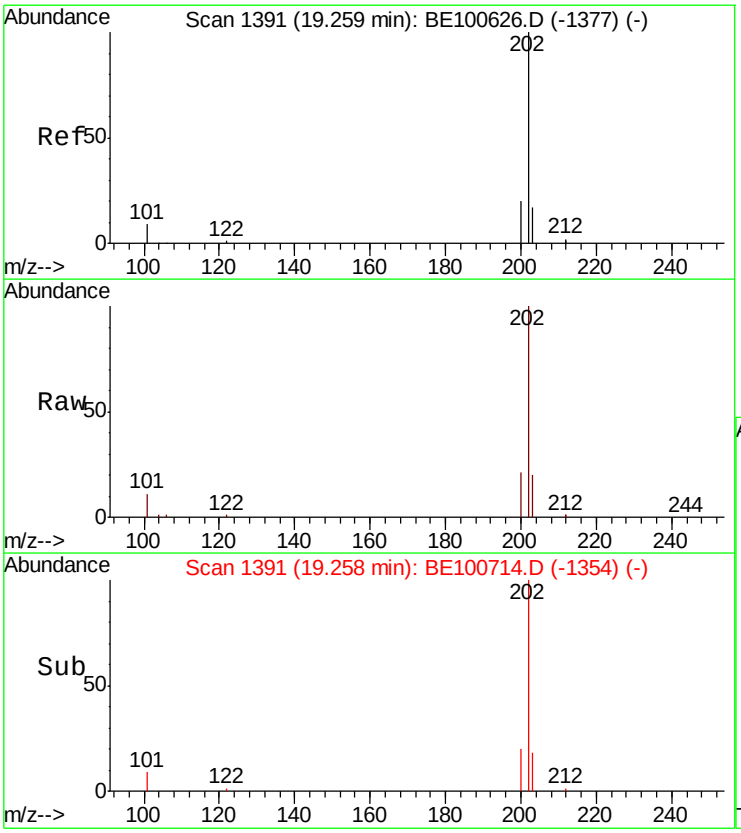
#25
Fluoranthene-d10
Concen: 0.025 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 4947

Ion	Ratio	Lower	Upper
212	100		
106	10.1	2.3	3.5#
104	0.0	1.3	1.9#

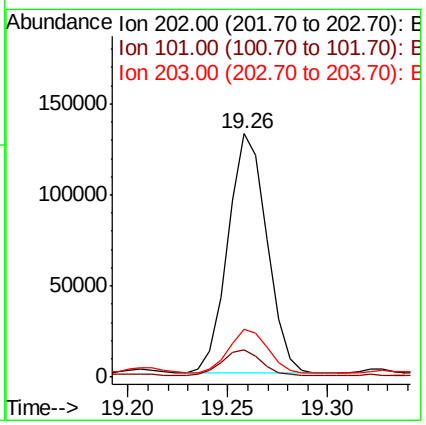


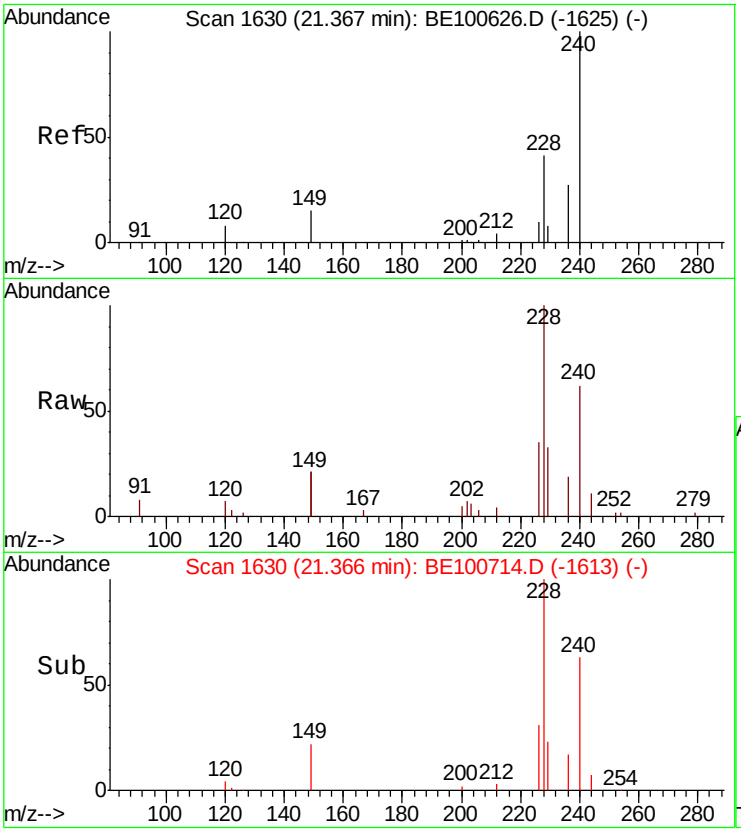


#26
Fluoranthene
Concen: 3.275 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:202 Resp: 177097

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
203	18.2	13.8	20.8



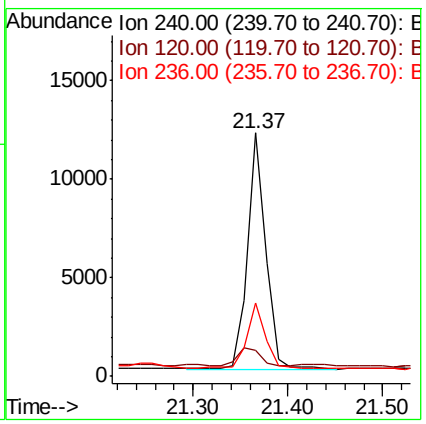


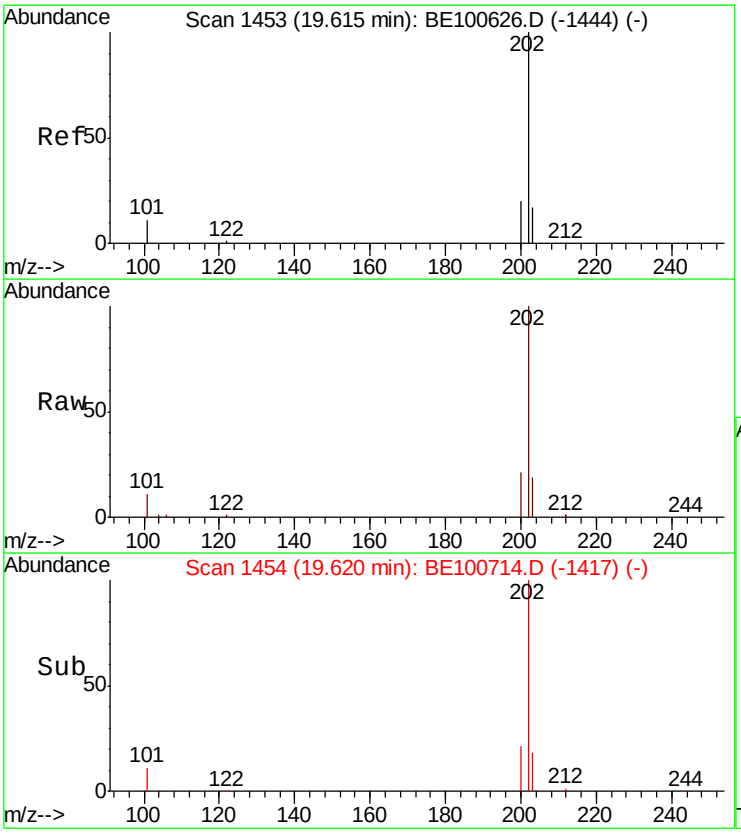
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15930

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.6	11.4
236	29.9	22.1	33.1

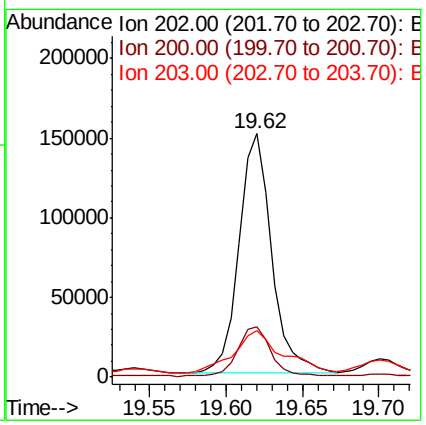


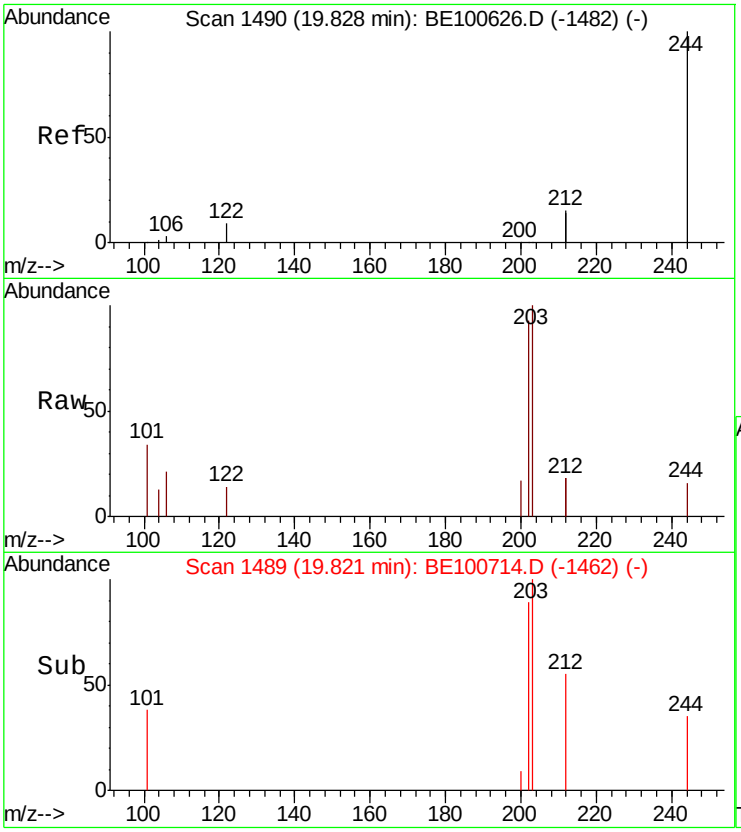


#28
Pyrene
Concen: 5.030 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:202 Resp: 223867

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	26.7	14.0	21.0#



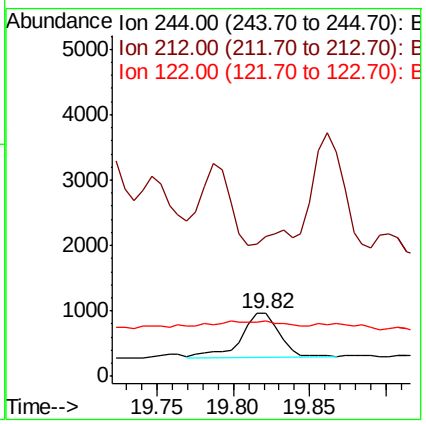


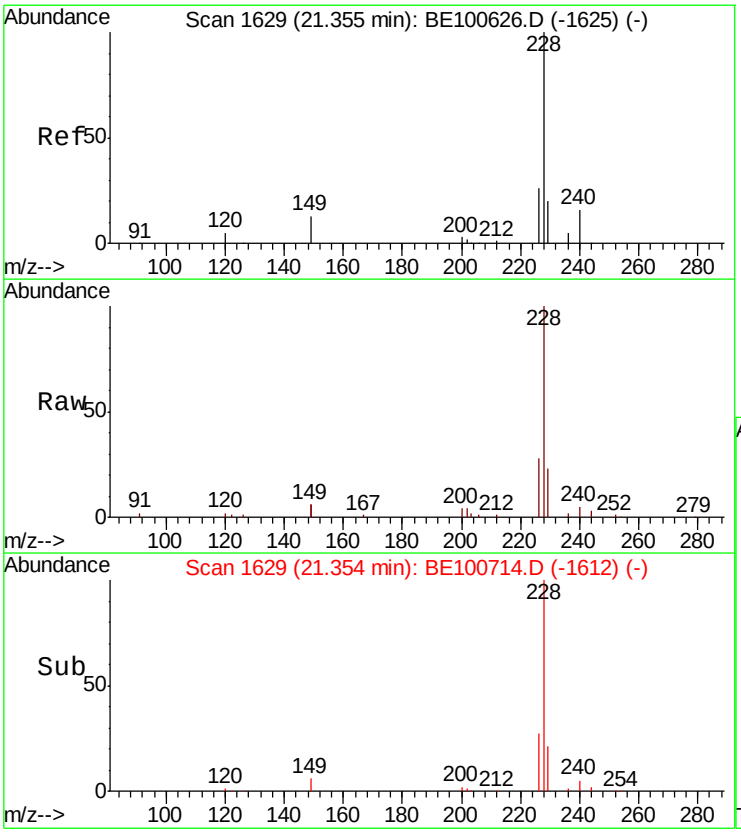
#29
Terphenyl-d14
Concen: 0.035 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1215

Ion	Ratio	Lower	Upper
244	100		
212	221.8	23.7	35.5#
122	87.7	7.9	11.9#

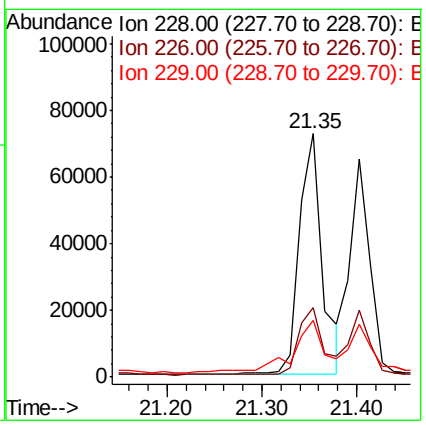


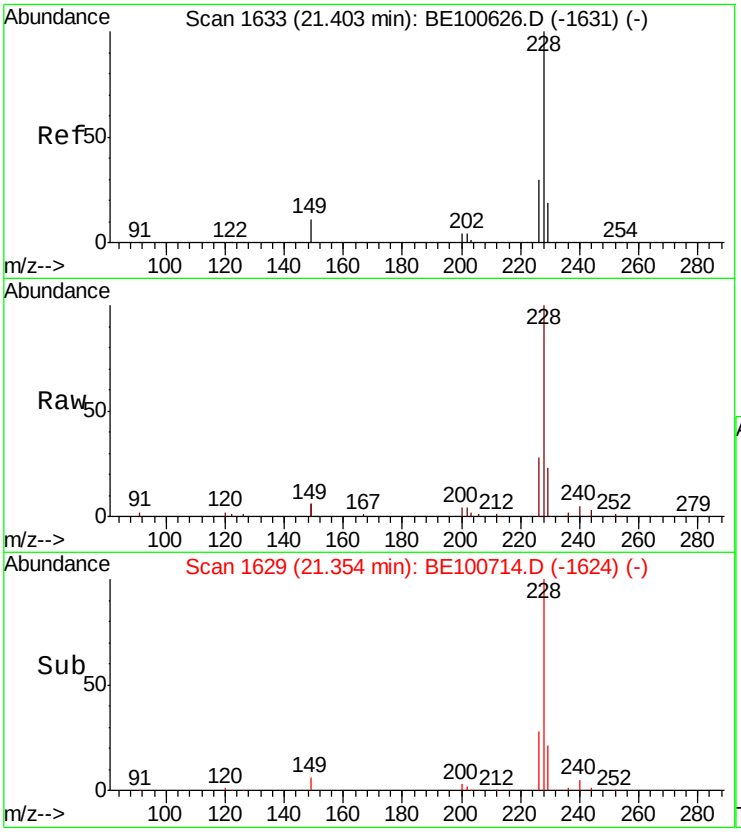


#30
Benzo(a)anthracene
Concen: 2.350 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:228 Resp: 122117

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.0
229	23.4	16.0	24.0



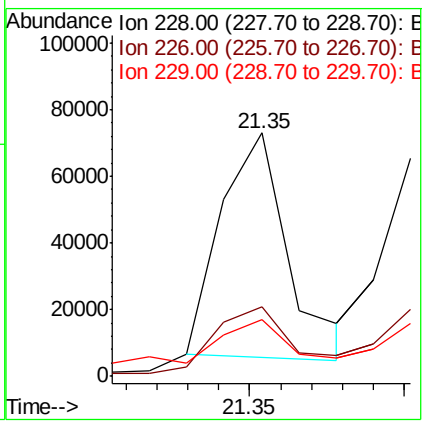


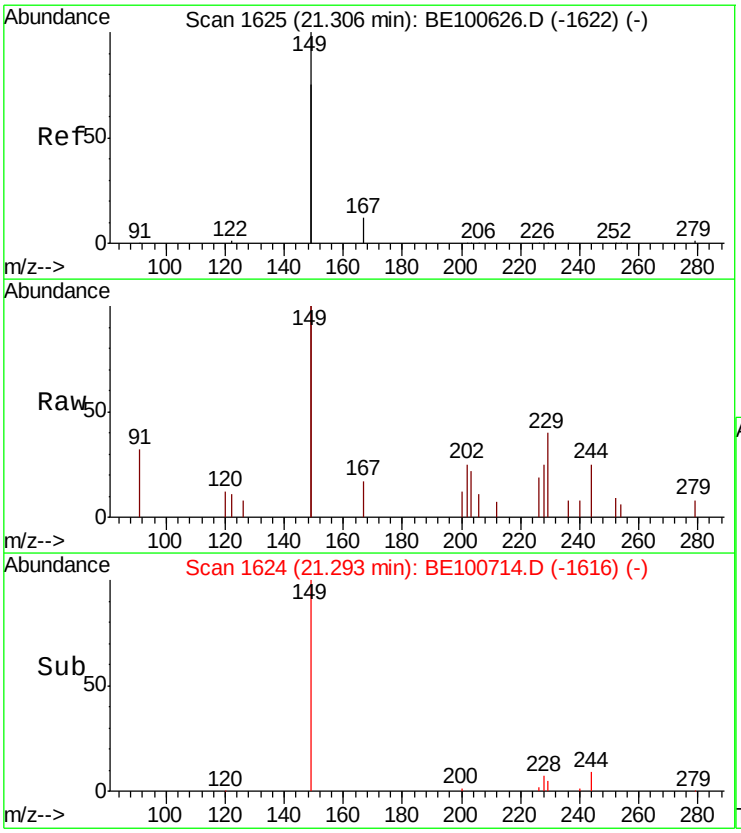
#31
Chrysene
Concen: 1.949 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.04 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 101231

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.6	37.0
229	23.4	15.8	23.8

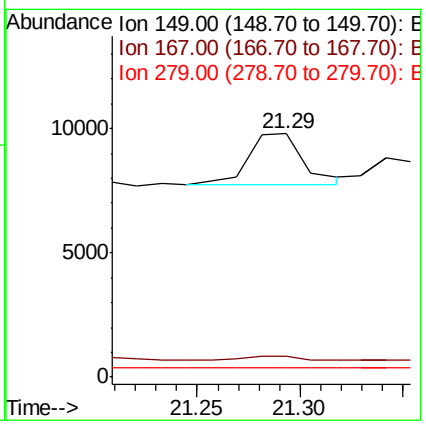


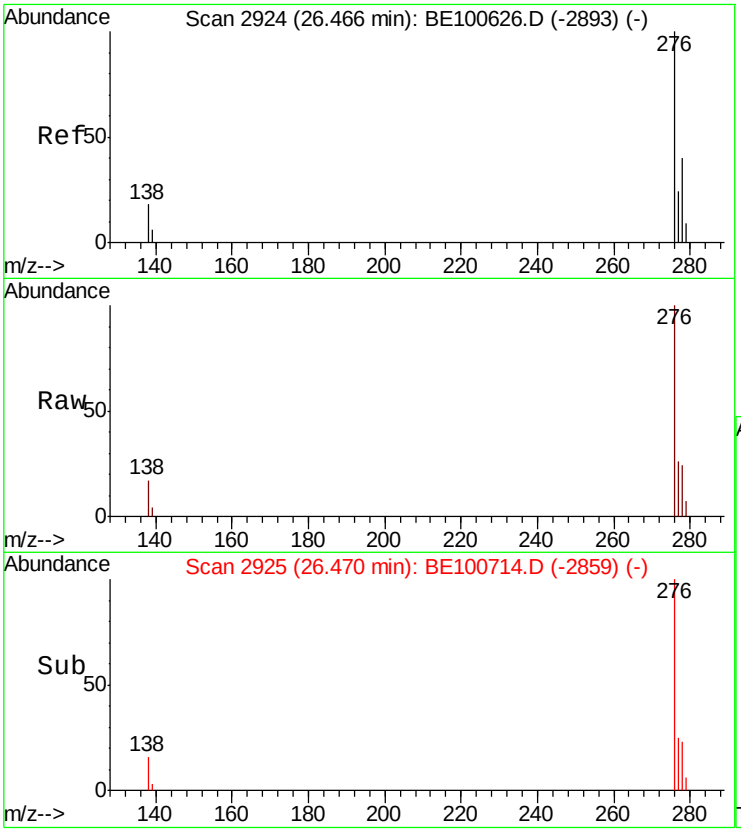


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.035 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:149 Resp: 3773

Ion	Ratio	Lower	Upper
149	100		
167	9.2	5.5	8.3#
279	0.7	0.9	1.3#



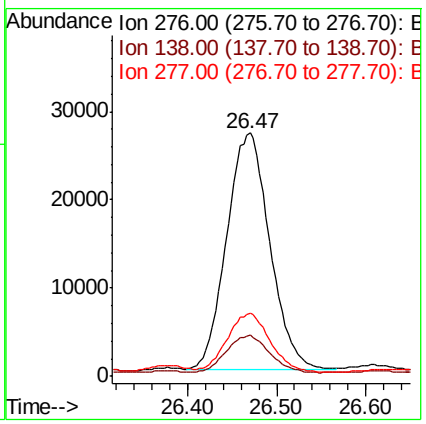


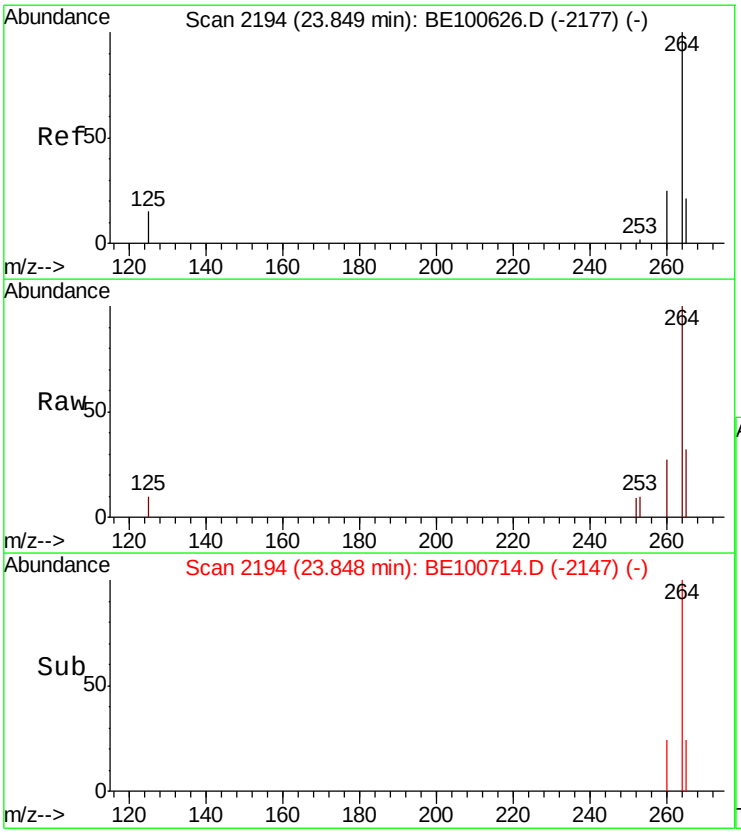
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.413 ng
RT: 26.47 min Scan# 2925
Delta R.T. 0.04 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 90186

Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.3	22.9
277	24.8	19.4	29.2

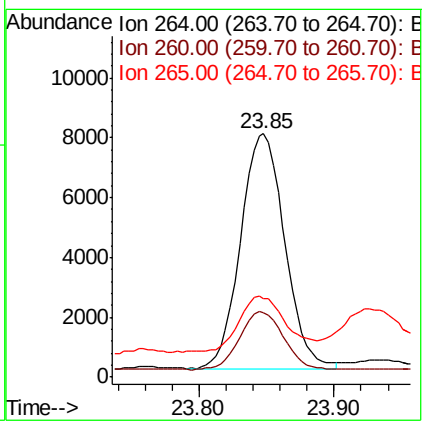


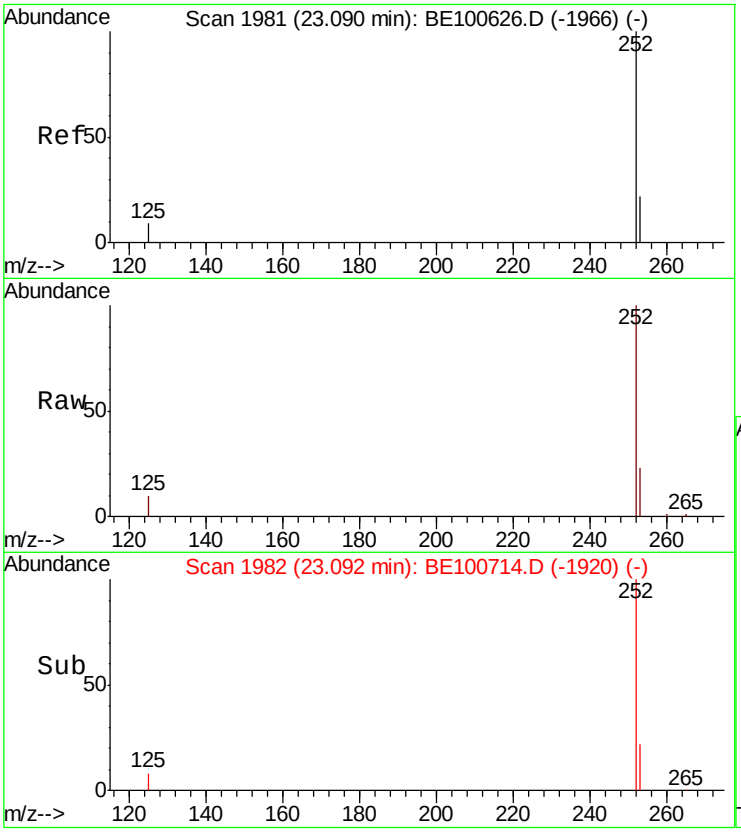


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.02 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:264 Resp: 17893

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.4	29.2
265	32.2	21.7	32.5



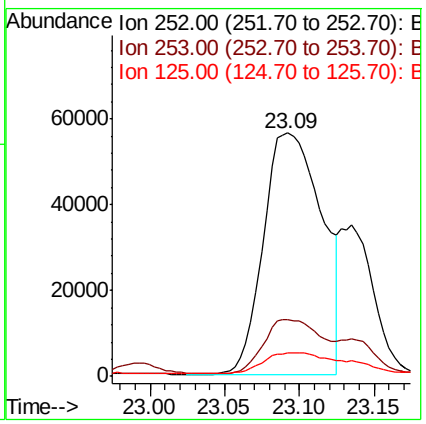


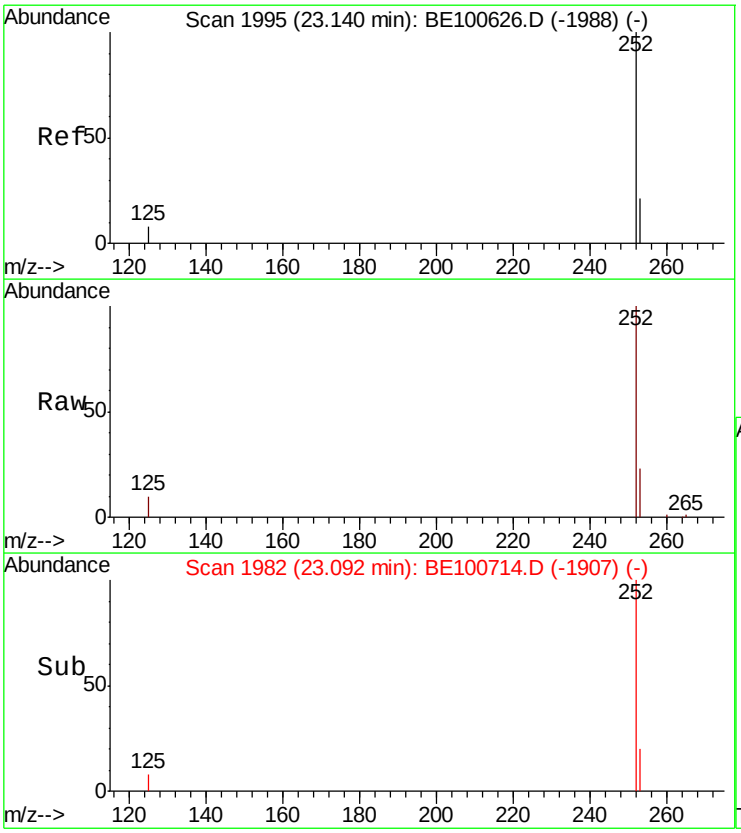
#35
Benzo(b)fluoranthene
Concen: 2.941 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.02 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 153452

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	9.6	7.6	11.4

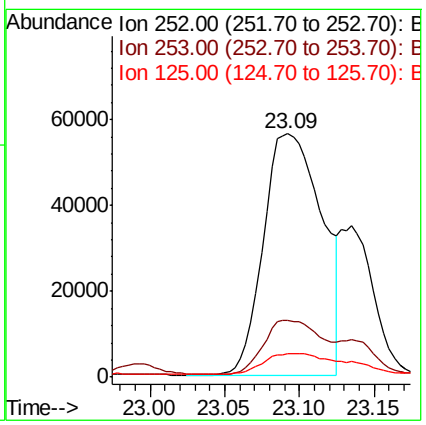


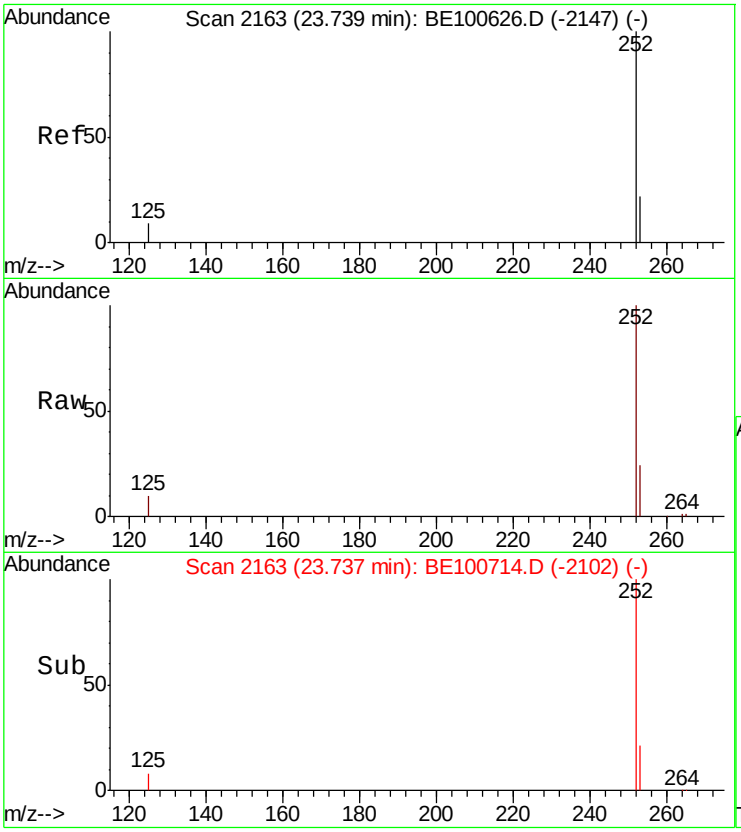


#36
Benzo(k)fluoranthene
Concen: 2.860 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:252 Resp: 153452

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	9.6	11.6	17.4#



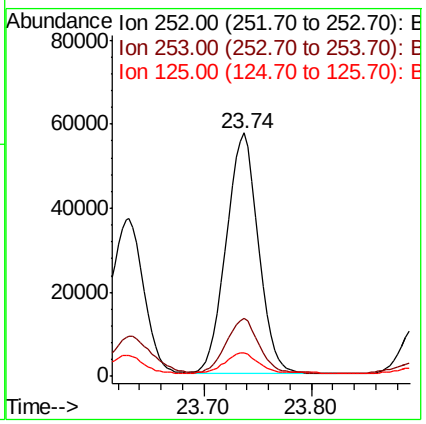


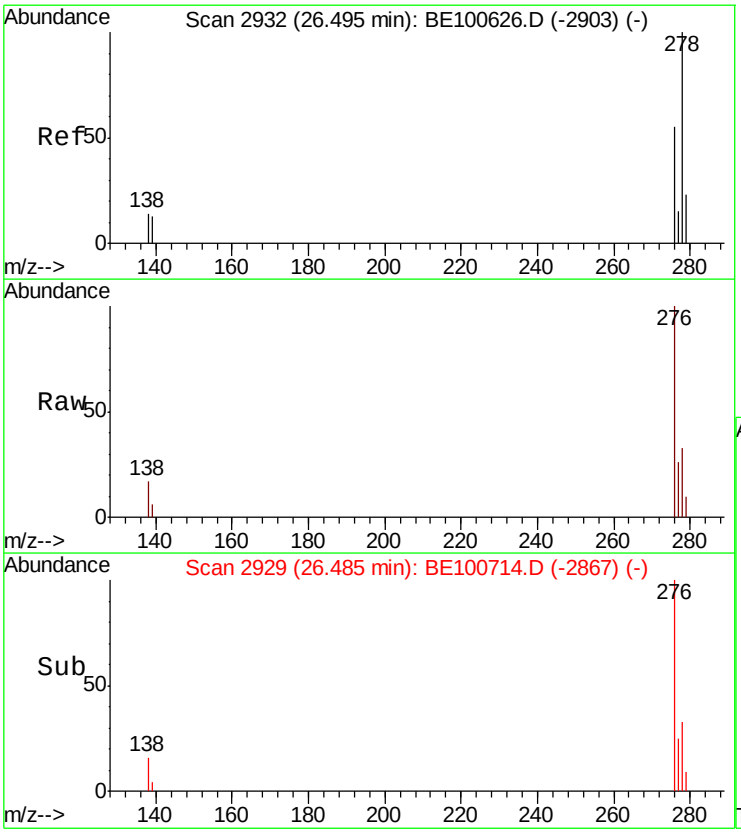
#37
Benzo(a)pyrene
Concen: 2.446 ng
RT: 23.74 min Scan# 2163
Delta R.T. 0.02 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 118790

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	9.7	8.2	12.4

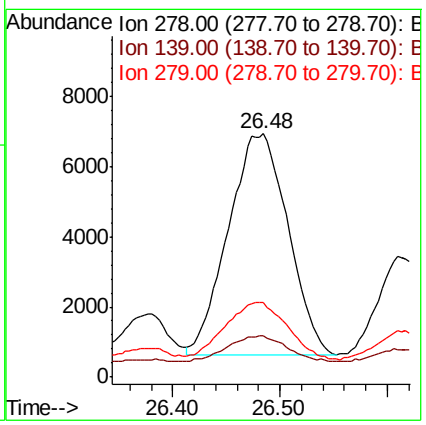


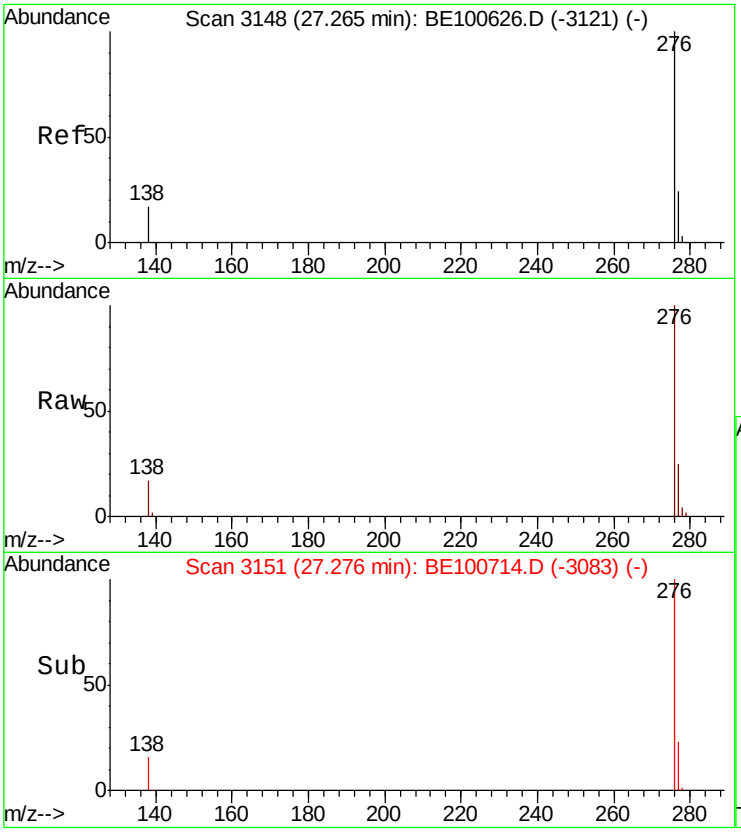


#38
Dibenzo(a,h)anthracene
Concen: 0.482 ng
RT: 26.48 min Scan# 2929
Delta R.T. 0.02 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Tgt Ion:278 Resp: 24180

Ion	Ratio	Lower	Upper
278	100		
139	16.7	10.9	16.3#
279	30.5	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.745 ng
RT: 27.28 min Scan# 3151
Delta R.T. 0.04 min
Lab File: BE100714.D
Acq: 8 Nov 2019 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 88084

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	16.8	13.6	20.4