Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100740.D
Acq On : 15 Nov 2019 16:52
Operator : JU
Sample : K5728-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-024-SW136-110619-1

Quant Time: Nov 15 22:32:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	3406	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	14825	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	9657	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	22015	0.40	ng		0.00
27) Chrysene-d12	21.29	240	24034	0.40	ng		0.00
34) Perylene-d12	23.73	264	25331	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	2722	0.27	ng		0.00
5) Phenol-d6	6.94	99	4343	0.31	ng		0.00
8) Nitrobenzene-d5	8.91	82	2959	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.15	152	5832	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.89	330	321	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	7937	0.22	ng		0.00
25) Fluoranthene-d10	19.16	212	63760	0.22	ng		0.00
29) Terphenyl-d14	19.75	244	12617	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.60	128	12592	0.082	ng		98
12) 2-Methylnaphthalene	12.22	142	3037	0.116	ng		97
16) Acenaphthylene	14.12	152	28775	0.737	ng		98
17) Acenaphthene	14.47	154	1758	0.069	ng		91
18) Fluorene	15.43	166	8021	0.229	ng	#	83
23) Phenanthrene	17.17	178	180331	3.005	ng		99
24) Anthracene	17.25	178	16680	0.311	ng		97
26) Fluoranthene	19.18	202	262794	3.279	ng		98
28) Pyrene	19.55	202	368381	5.514	ng		97
30) Benzo(a)anthracene	21.28	228	168401	2.184	ng		92
31) Chrysene	21.33	228	185176	2.365	ng		97
32) Bis(2-ethylhexyl)phthalate	21.22	149	38324	0.280	ng		100
33) Indeno(1,2,3-cd)pyrene	26.28	276	86955	0.947	ng		97
35) Benzo(b)fluoranthene	22.99	252	174508	2.361	ng		99
36) Benzo(k)fluoranthene	22.99	252	174508	2.253	ng		98
37) Benzo(a)pyrene	23.62	252	130551	1.895	ng		98
38) Dibenzo(a,h)anthracene	26.30	278	23066	0.321	ng		93
39) Benzo(g,h,i)perylene	27.07	276	98926	1.404	ng		99

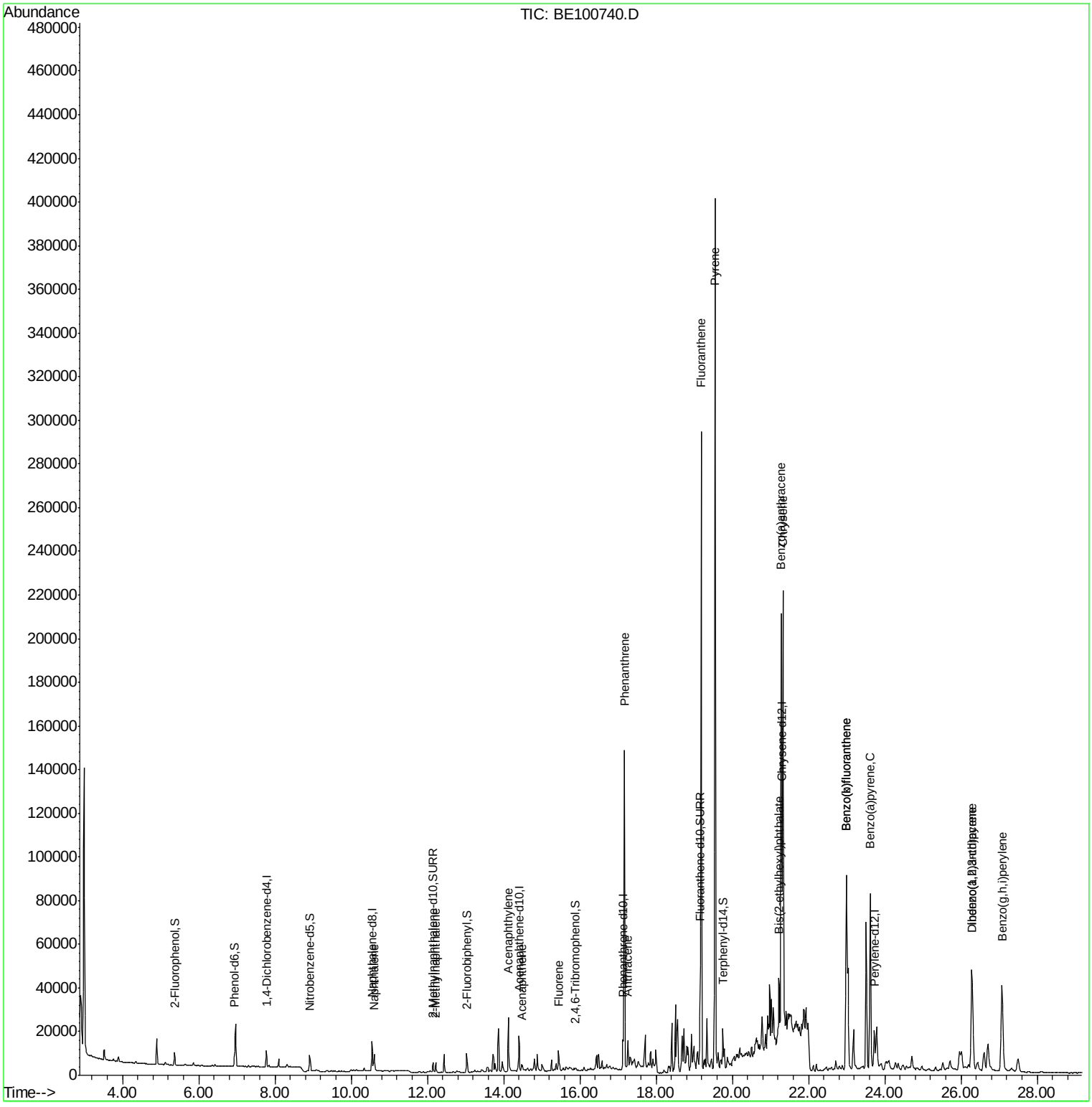
(#) = qualifier out of range (m) = manual integration (+) = signals summed

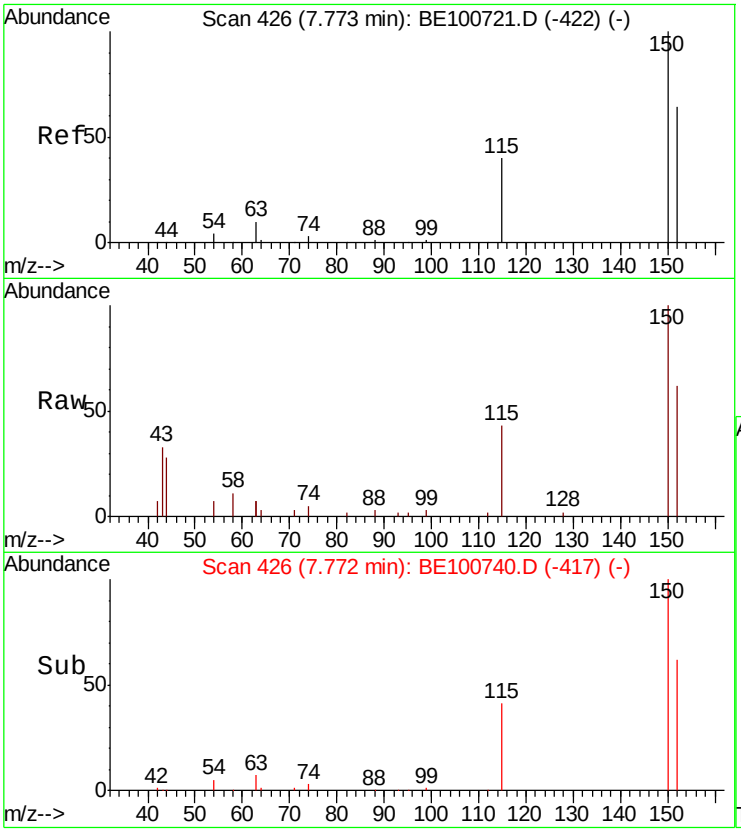
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100740.D
Acq On : 15 Nov 2019 16:52
Operator : JU
Sample : K5728-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Quant Time: Nov 15 22:32:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration



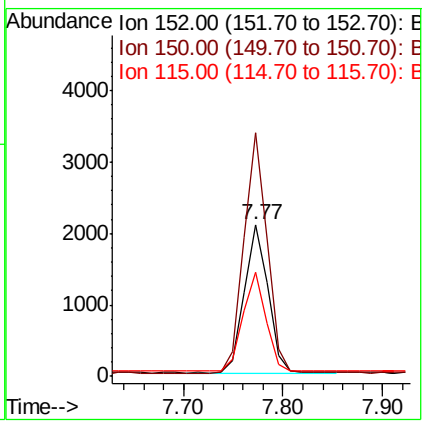


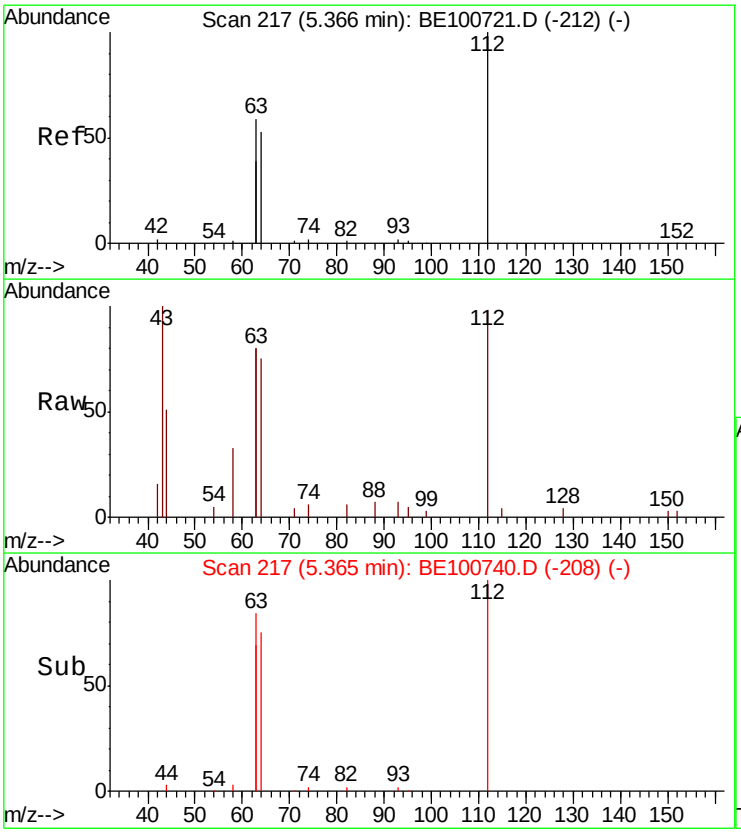
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:152 Resp: 3406

Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.4	185.0
115	68.4	52.1	78.1

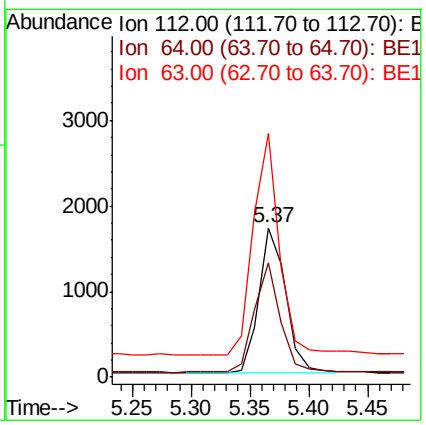


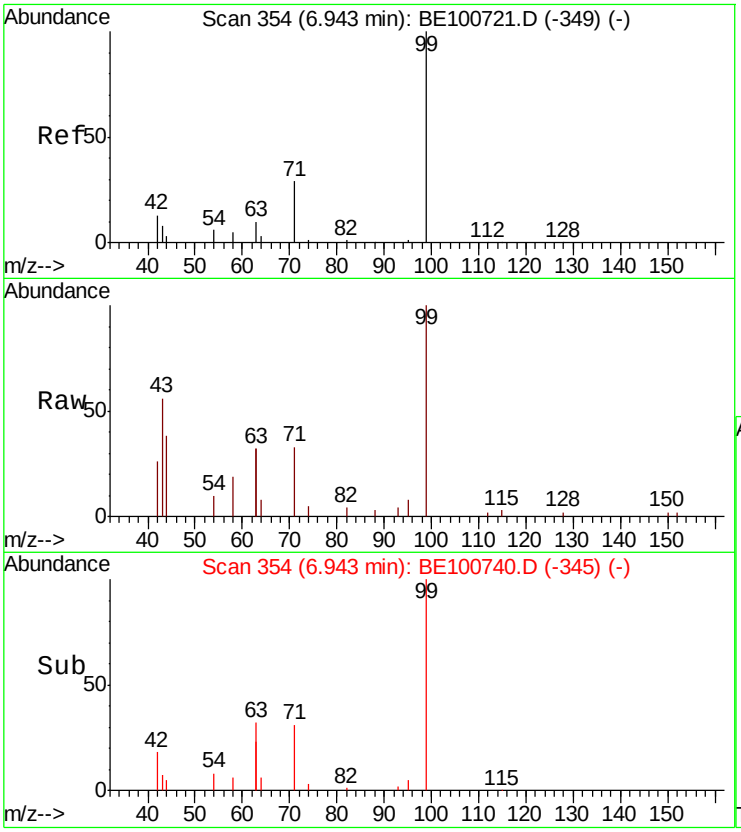


#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:112 Resp: 2722

Ion	Ratio	Lower	Upper
112	100		
64	72.0	58.3	87.5
63	145.8	115.4	173.2



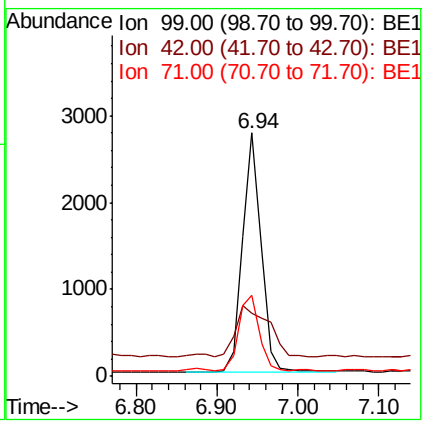


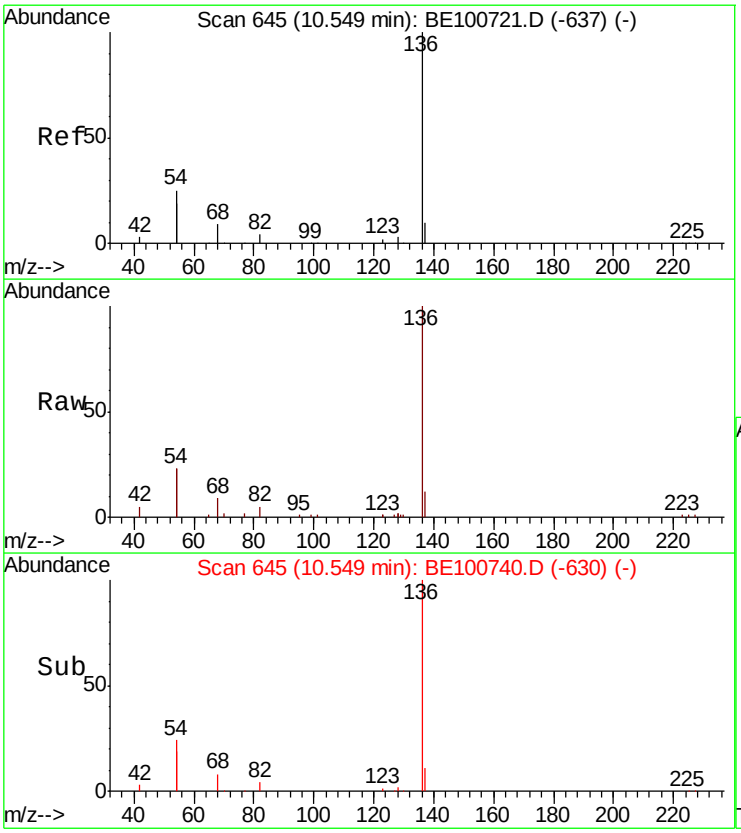
#5
Phenol-d6
Concen: 0.309 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion: 99 Resp: 4343

Ion	Ratio	Lower	Upper
99	100		
42	38.2	17.8	26.6#
71	34.9	27.3	40.9

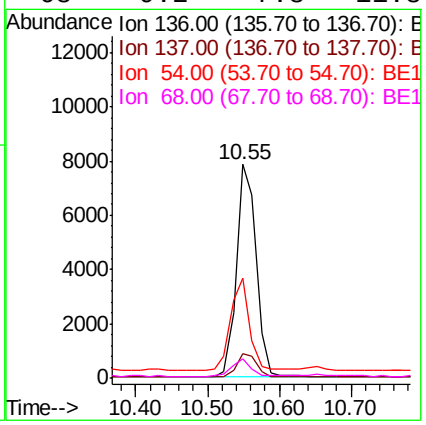


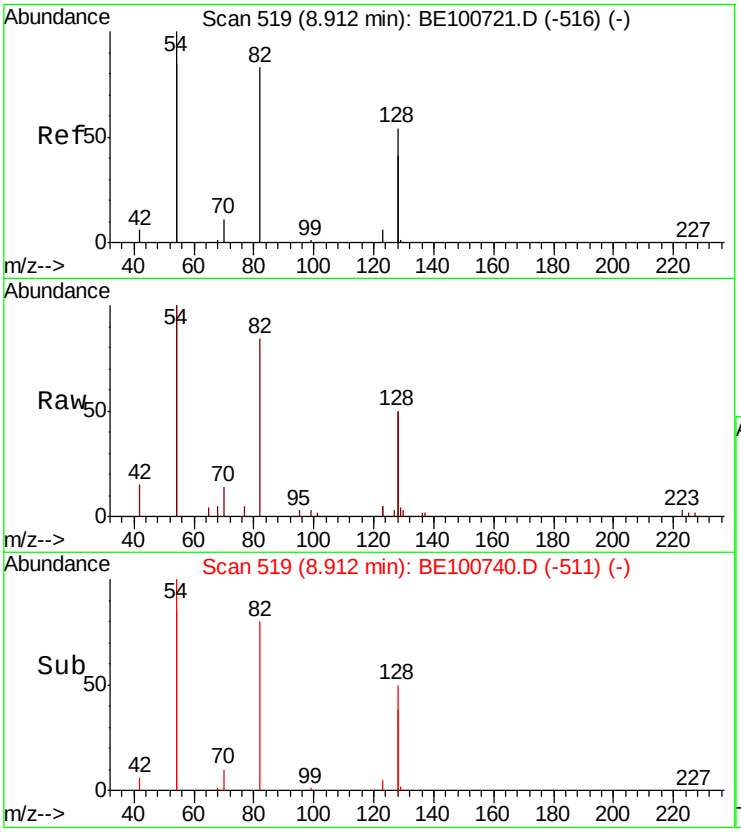


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:136 Resp: 14825

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	46.8	39.0	58.6
68	9.2	7.8	11.8



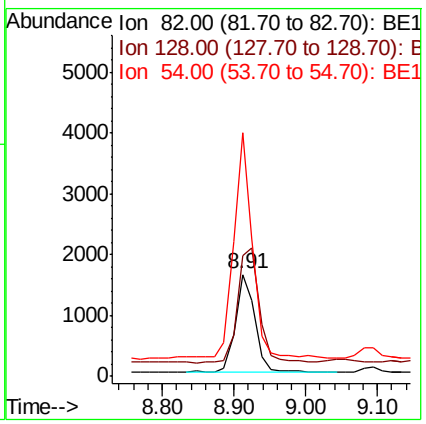


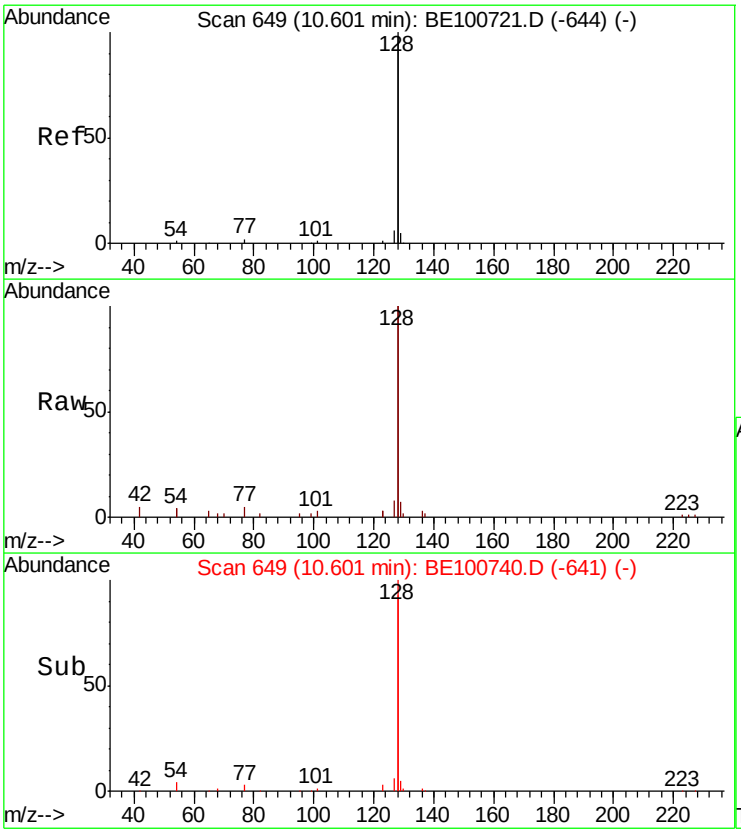
#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.91 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion: 82 Resp: 2959

Ion	Ratio	Lower	Upper
82	100		
128	119.2	99.6	149.4
54	239.2	183.8	275.8

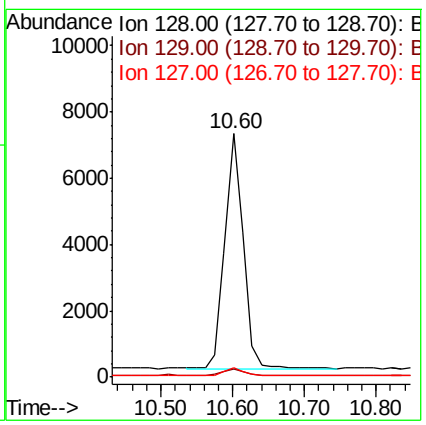


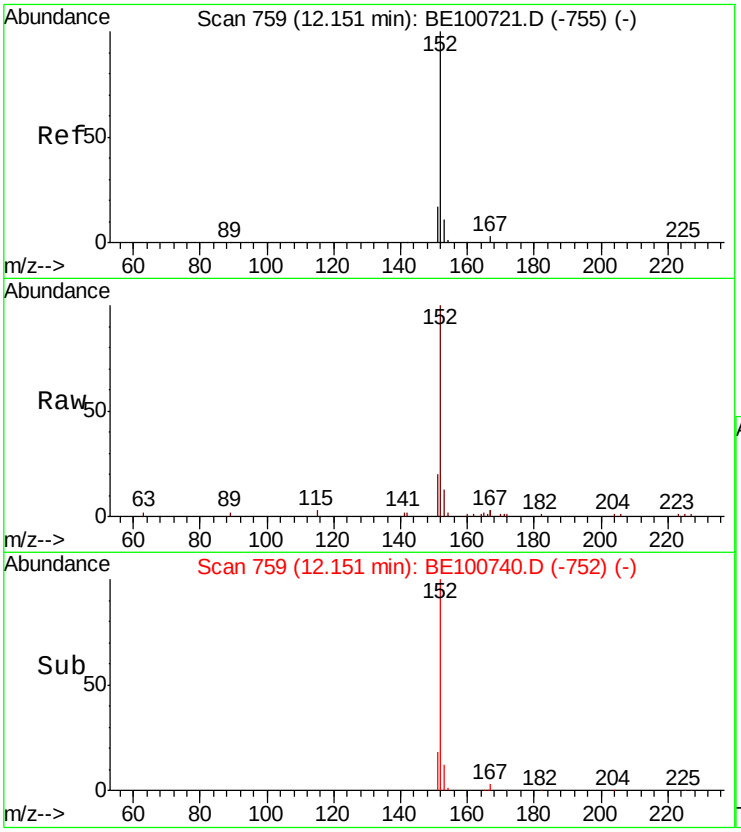


#9
Naphthalene
Concen: 0.082 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:128 Resp: 12592

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.4	3.6
127	3.9	2.7	4.1



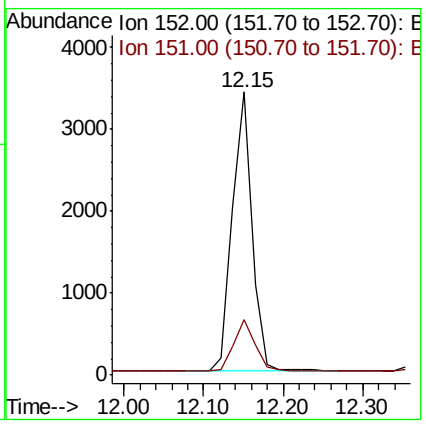


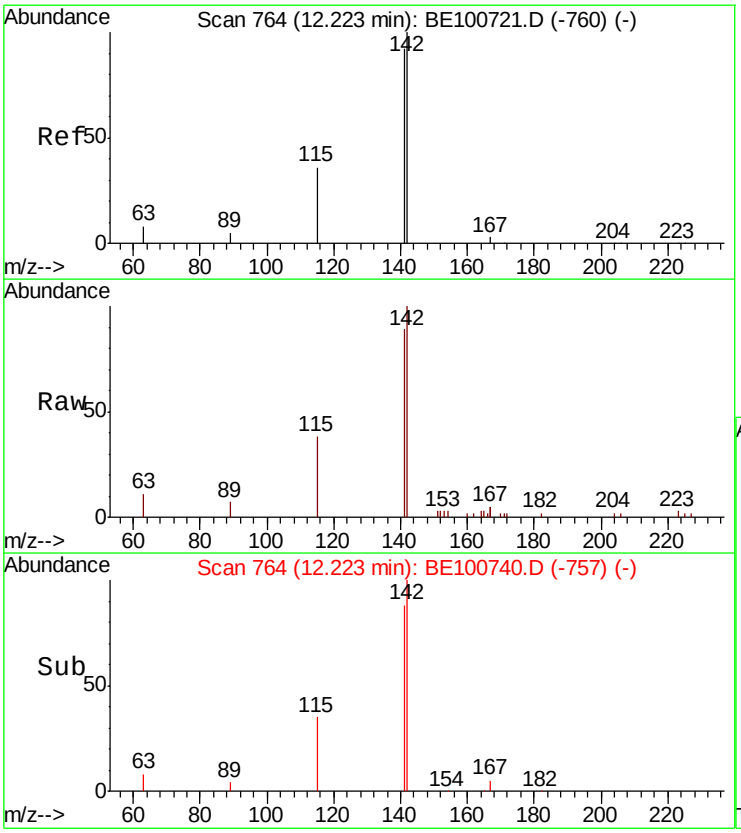
#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:152 Resp: 5832

Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.2	21.4

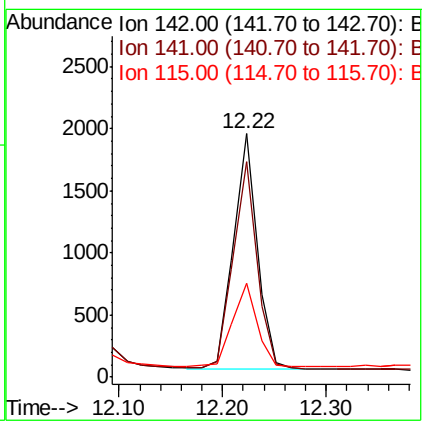


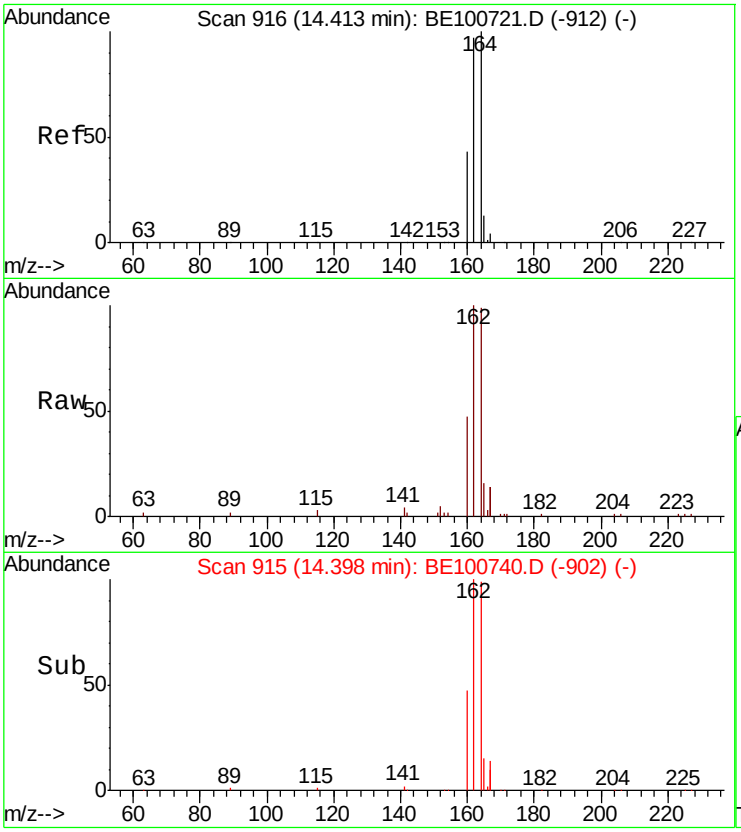


#12
2-Methylnaphthalene
Concen: 0.116 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:142 Resp: 3037

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.3	109.9
115	38.4	29.9	44.9



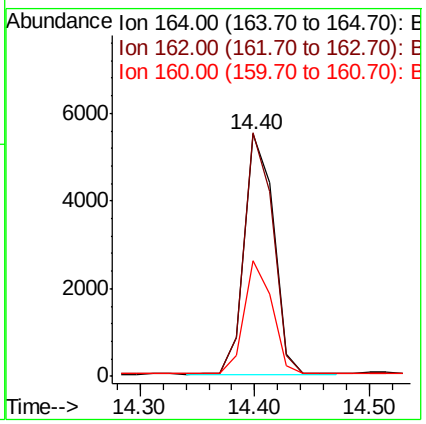


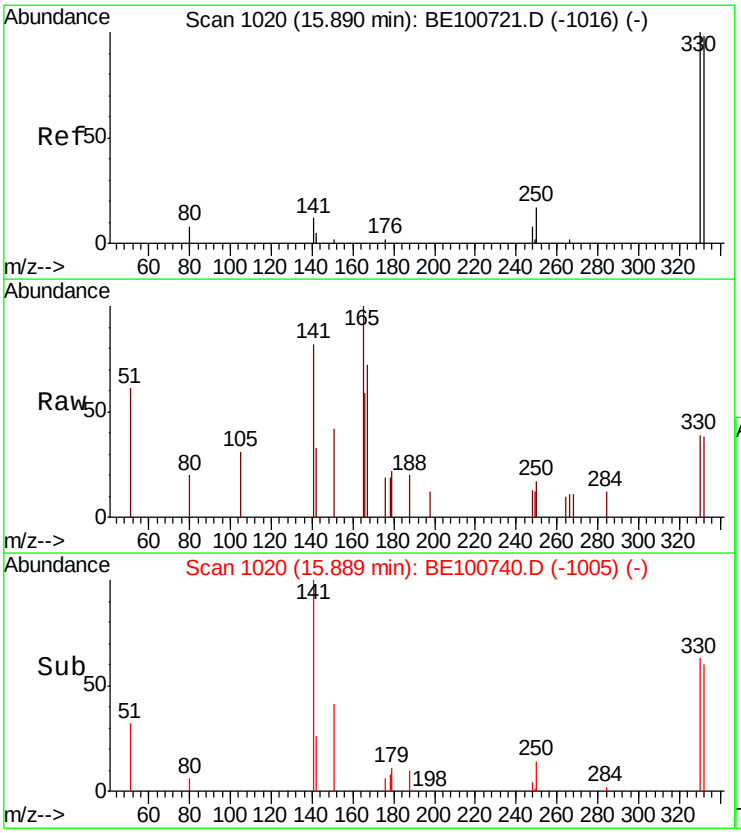
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:164 Resp: 9657

Ion	Ratio	Lower	Upper
164	100		
162	100.6	77.8	116.8
160	47.8	35.3	52.9

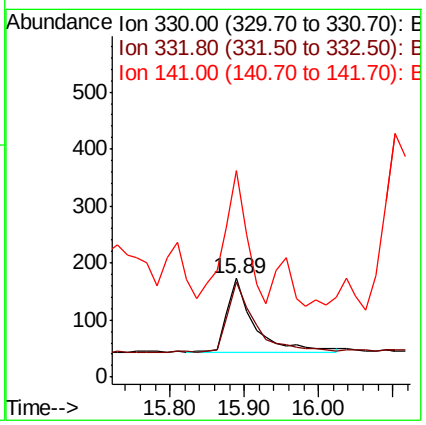


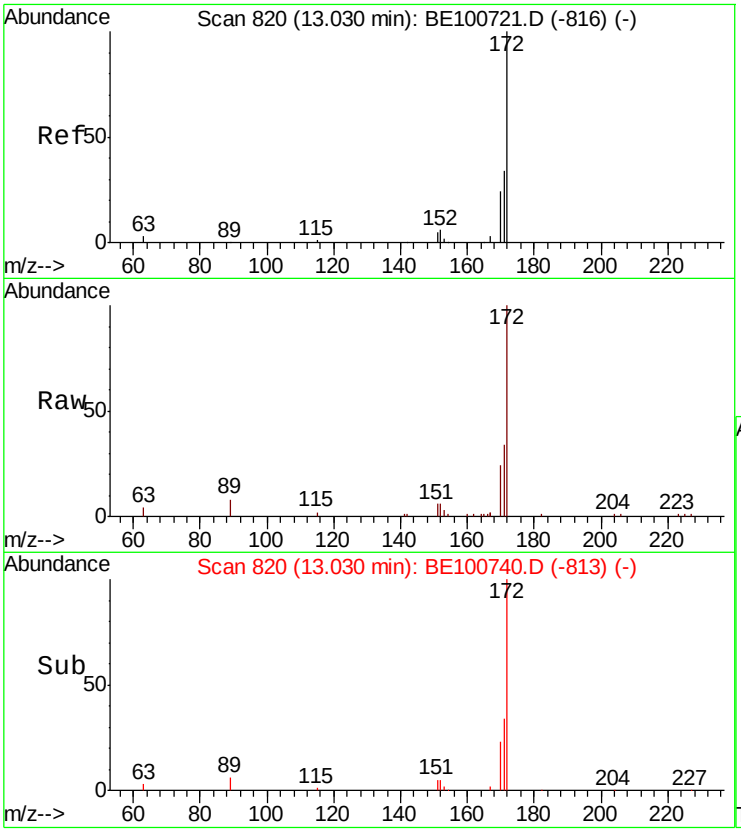


#14
2,4,6-Tribromophenol
Concen: 0.440 ng
RT: 15.89 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:330 Resp: 321

Ion	Ratio	Lower	Upper
330	100		
332	96.6	85.0	127.6
141	154.5	28.2	42.2#



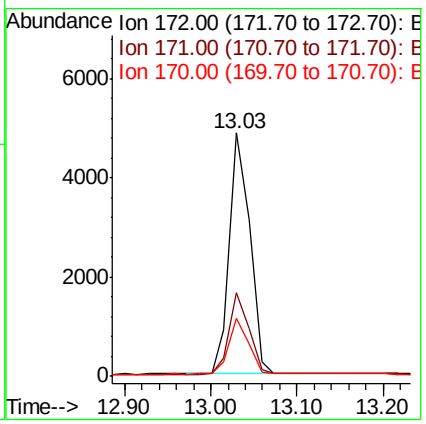


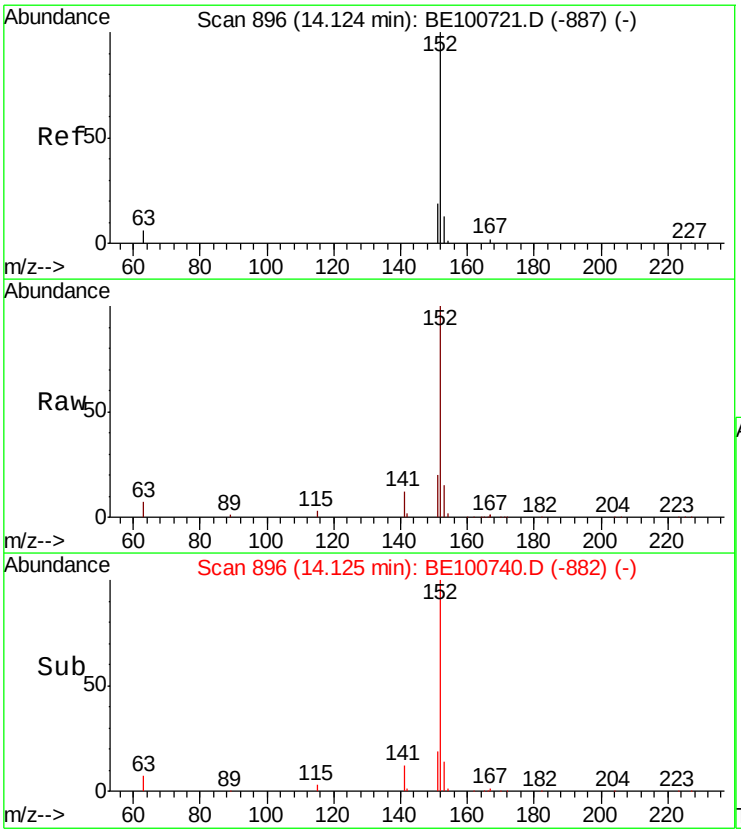
#15
2-Fluorobiphenyl
Concen: 0.224 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:172 Resp: 7937

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	23.7	19.8	29.6

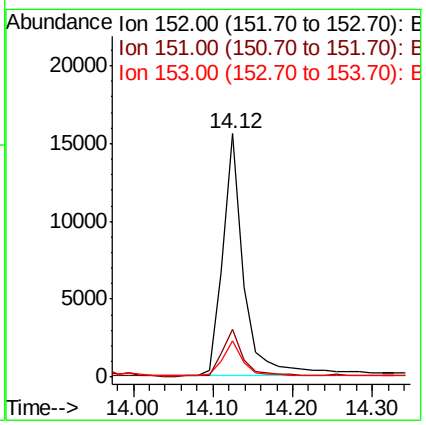


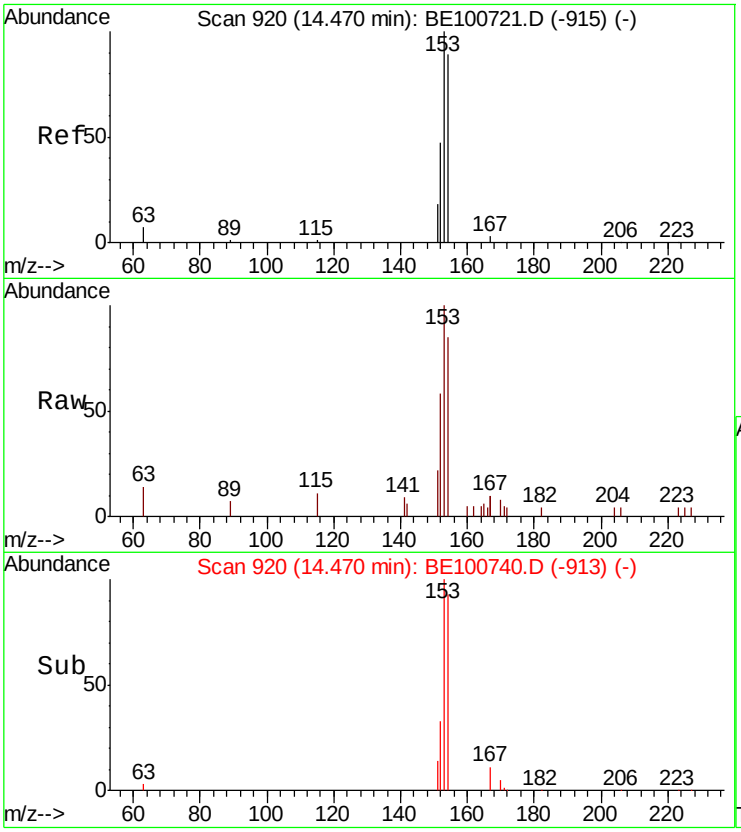


#16
Acenaphthylene
Concen: 0.737 ng
RT: 14.12 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:152 Resp: 28775

Ion	Ratio	Lower	Upper
152	100		
151	19.4	14.9	22.3
153	13.9	10.7	16.1



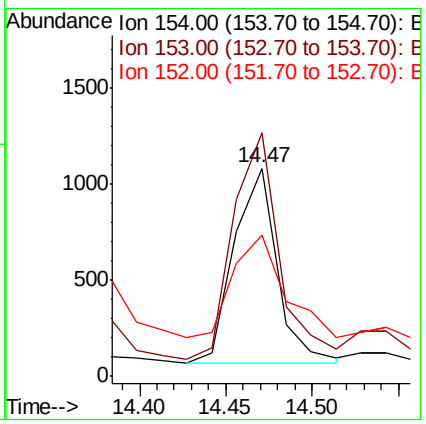


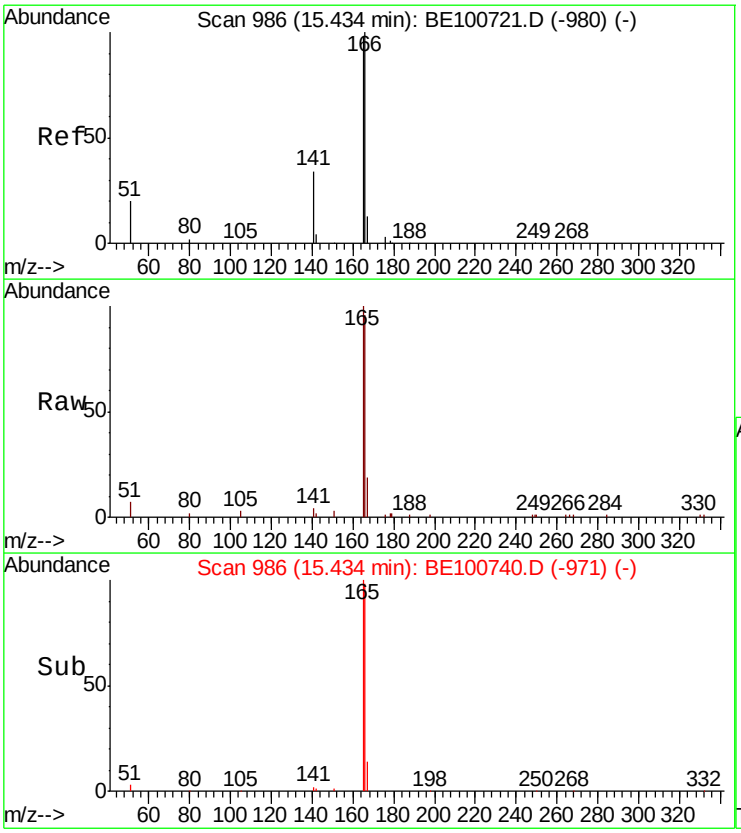
#17
Acenaphthene
Concen: 0.069 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:154 Resp: 1758

Ion	Ratio	Lower	Upper
154	100		
153	123.6	91.9	137.9
152	63.6	44.8	67.2

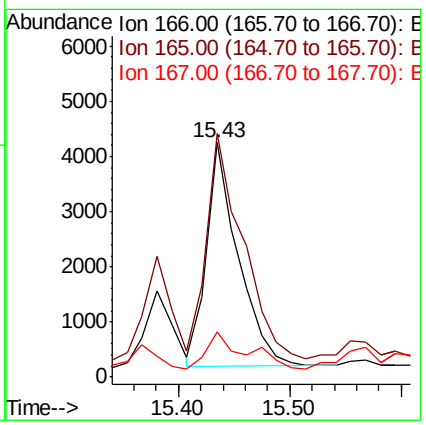


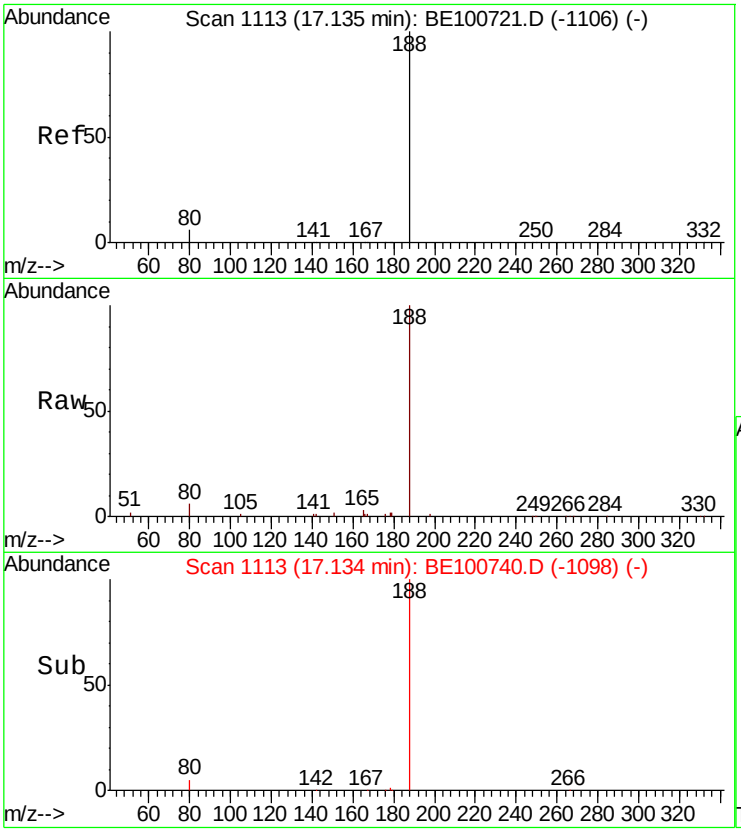


#18
Fluorene
Concen: 0.229 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:166 Resp: 8021

Ion	Ratio	Lower	Upper
166	100		
165	114.0	78.2	117.4
167	21.4	10.6	16.0#



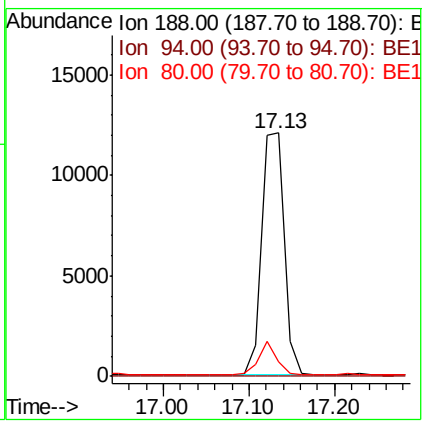


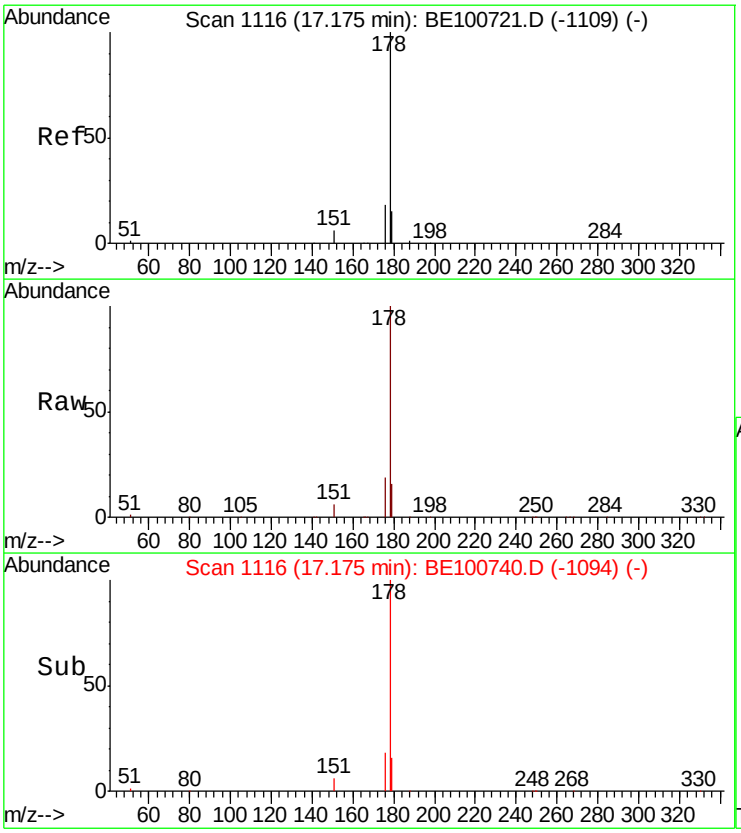
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:188 Resp: 22015

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	5.4	8.0

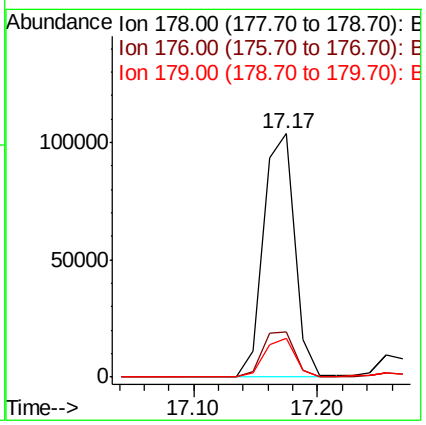


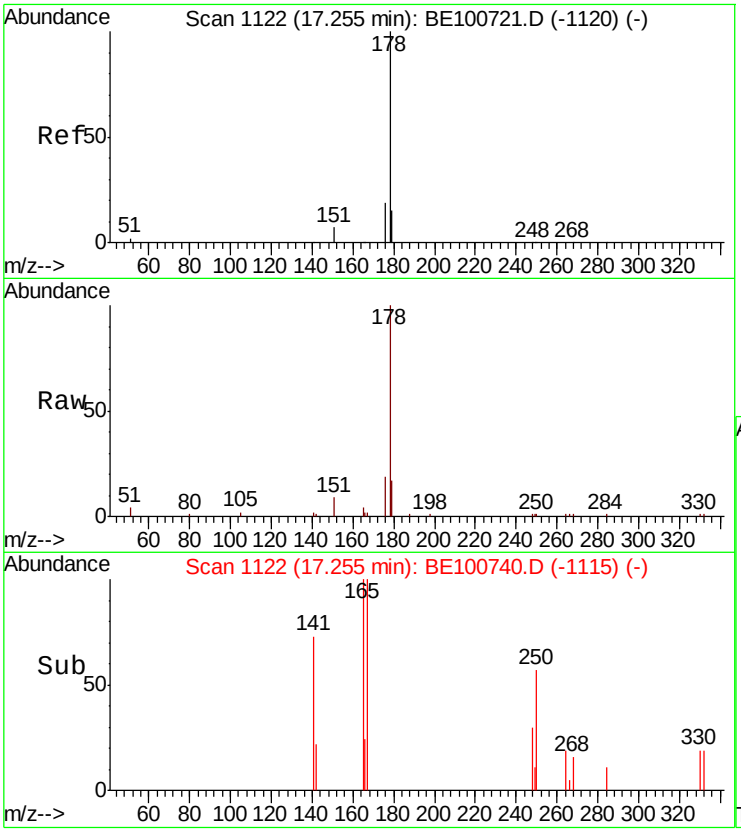


#23
Phenanthrene
Concen: 3.005 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:178 Resp: 180331

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.7	12.6	18.8



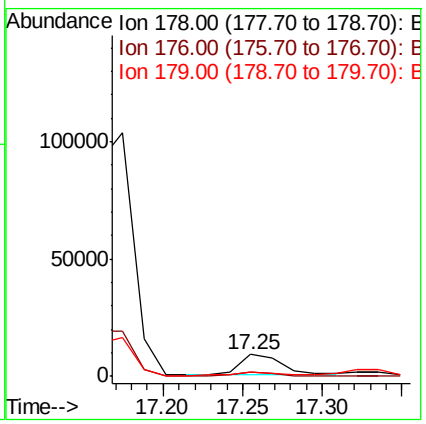


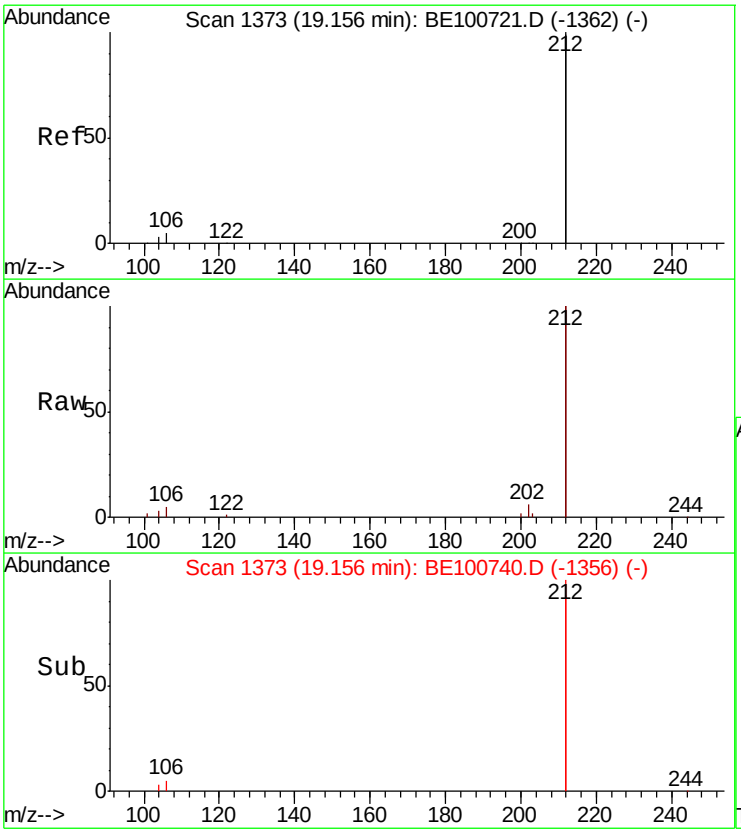
#24
Anthracene
Concen: 0.311 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:178 Resp: 16680

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	21.8
179	13.7	12.6	18.8

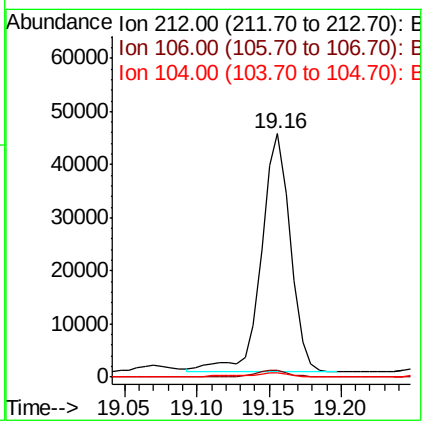


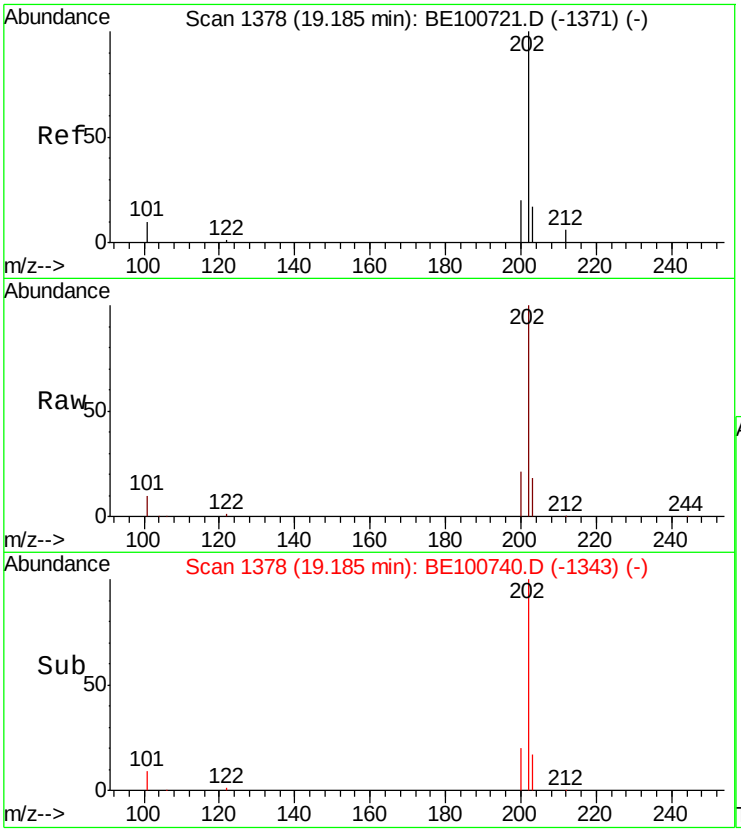


#25
Fluoranthene-d10
Concen: 0.219 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:212 Resp: 63760

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.7	1.2	1.8



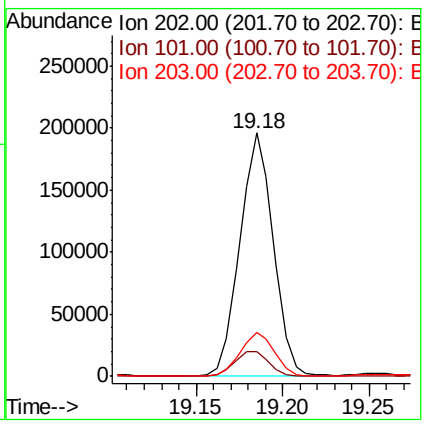


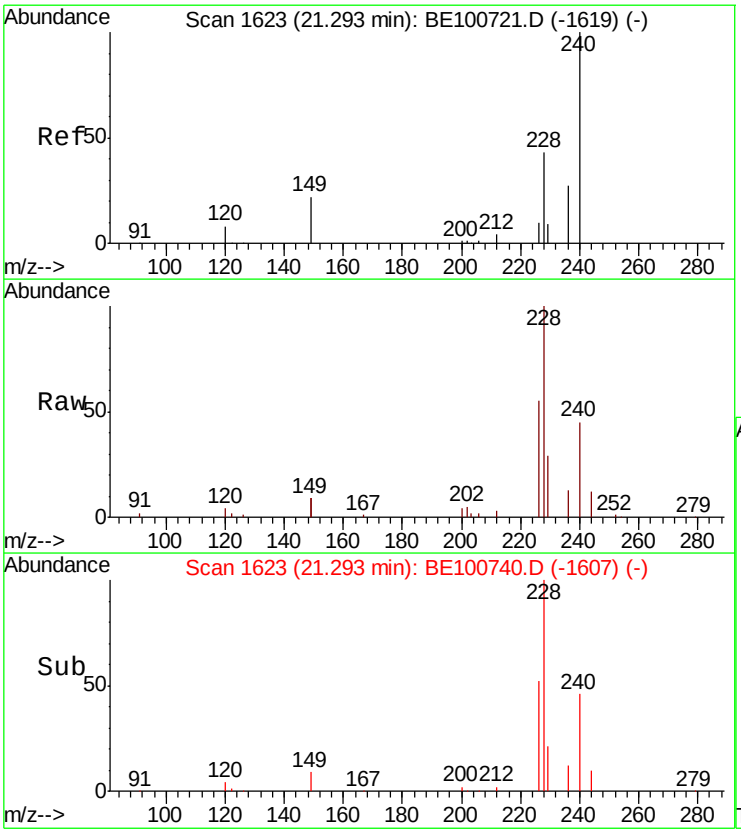
#26
Fluoranthene
Concen: 3.279 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:202 Resp: 262794

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.6	12.8
203	18.1	13.6	20.4

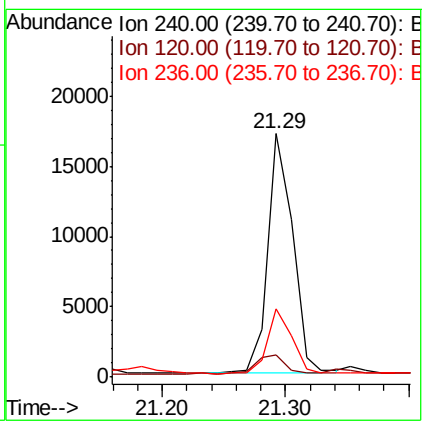


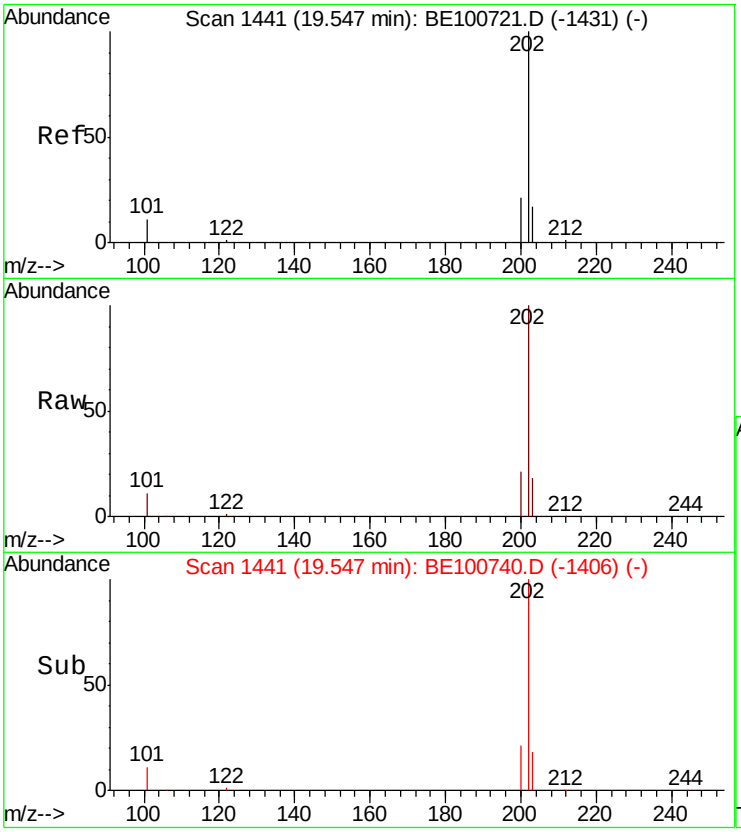


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:240 Resp: 24034

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.4	11.0
236	28.2	21.8	32.6



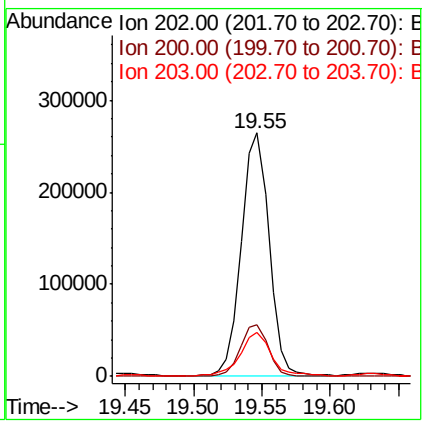


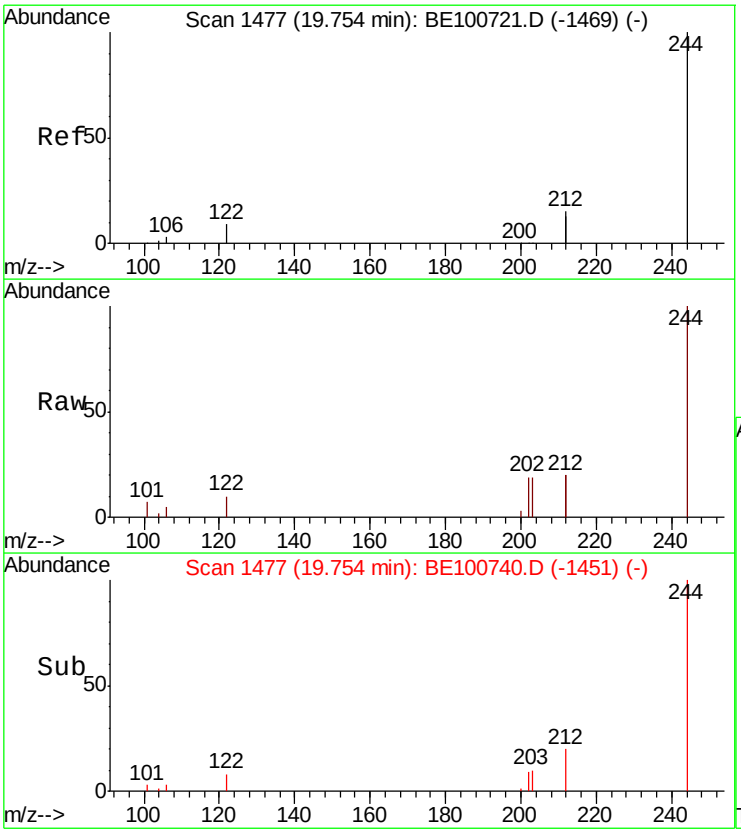
#28
Pyrene
Concen: 5.514 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:202 Resp: 368381

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	19.9	14.0	21.0

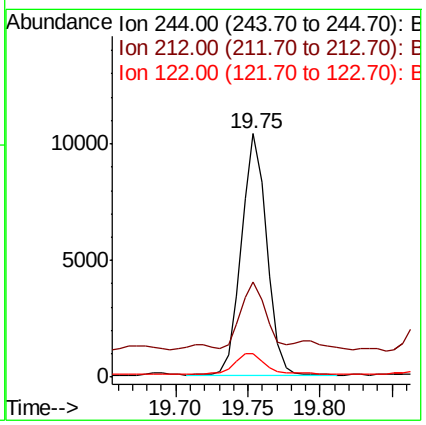


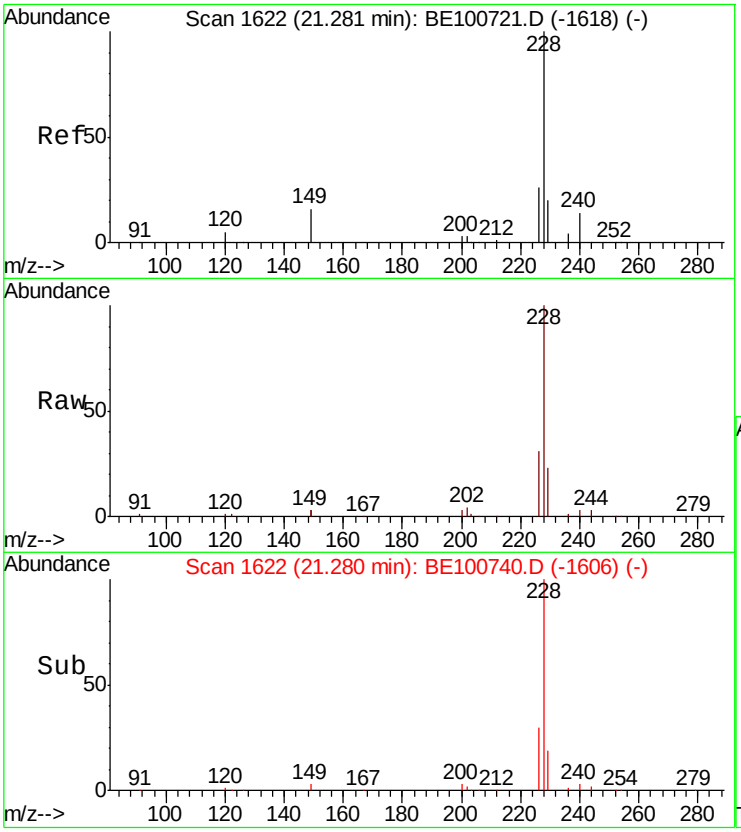


#29
Terphenyl-d14
Concen: 0.220 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:244 Resp: 12617

Ion	Ratio	Lower	Upper
244	100		
212	39.2	24.3	36.5#
122	9.7	7.6	11.4



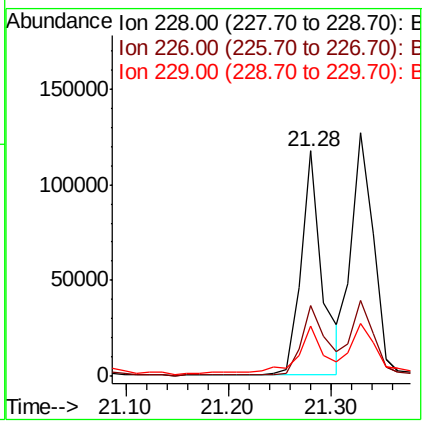


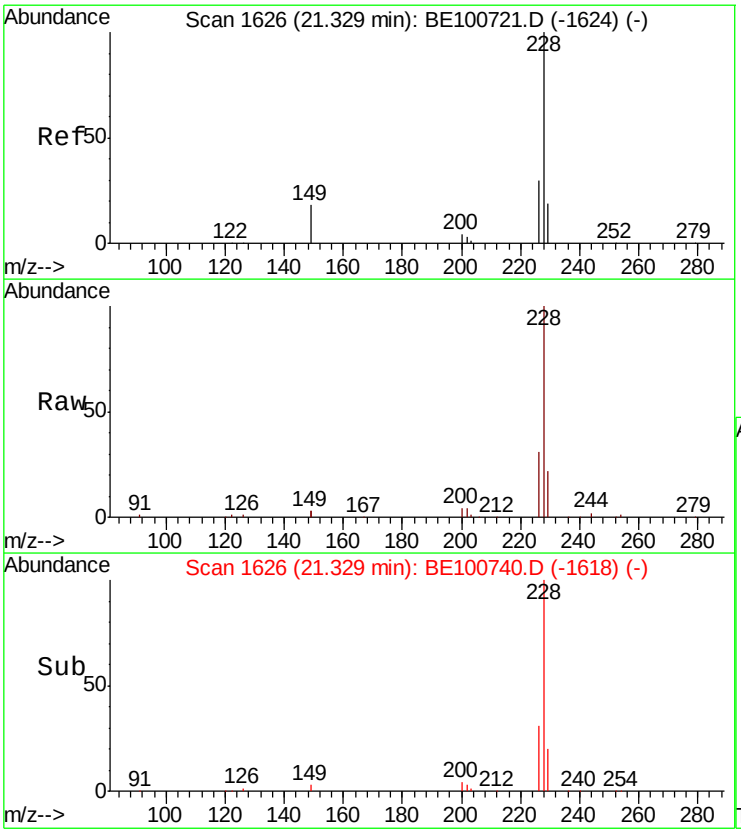
#30
Benzo(a)anthracene
Concen: 2.184 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:228 Resp: 168401

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.1	31.7
229	22.6	15.9	23.9

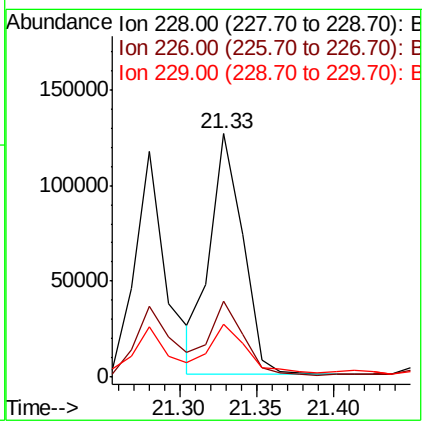


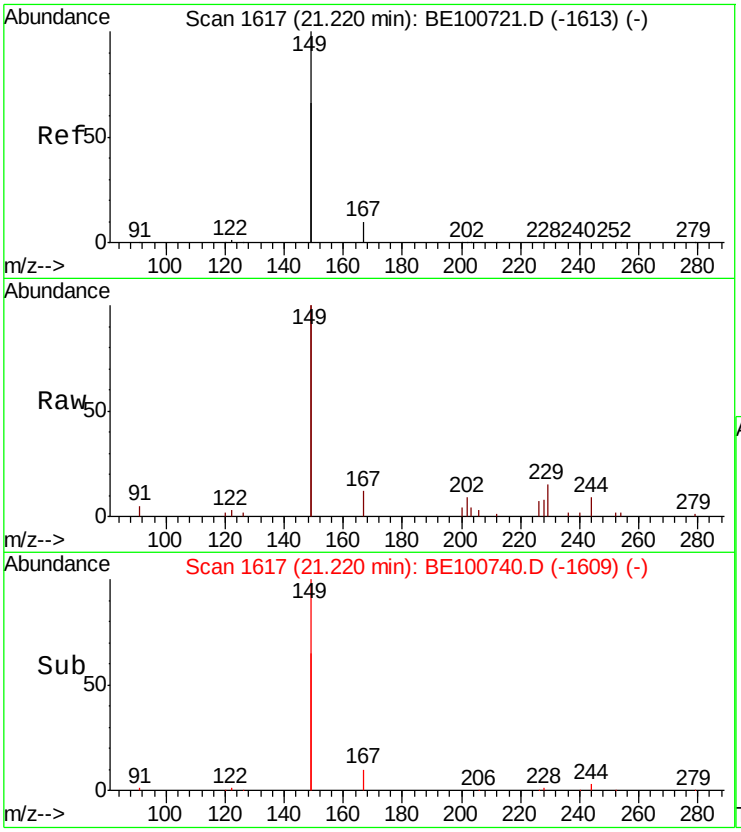


#31
Chrysene
Concen: 2.365 ng
RT: 21.33 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:228 Resp: 185176

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	21.8	15.5	23.3



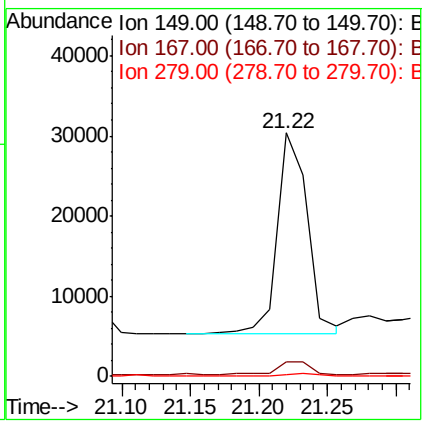


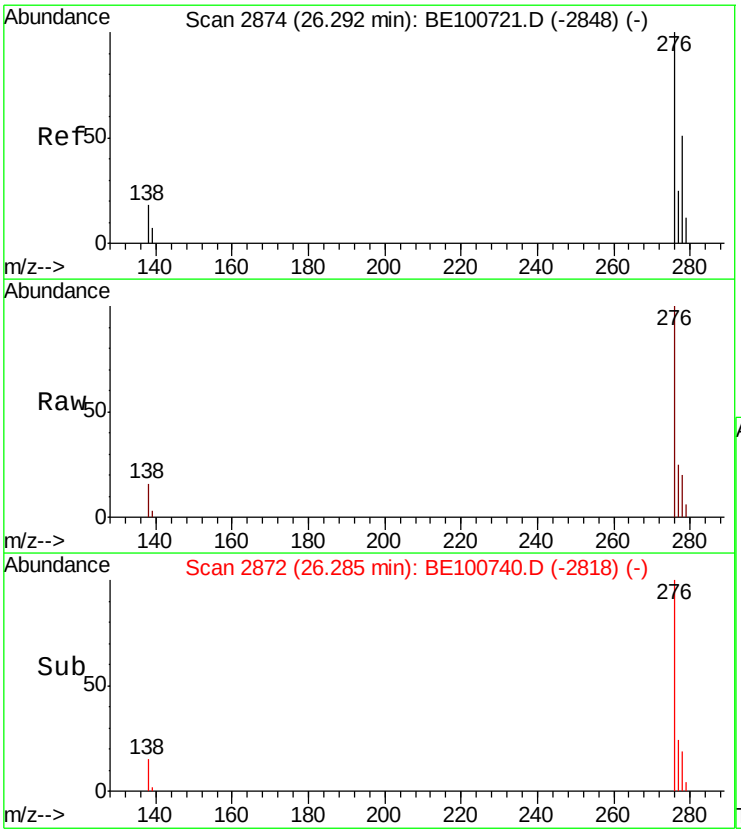
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.280 ng
RT: 21.22 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:149 Resp: 38324

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.2	0.9	1.3

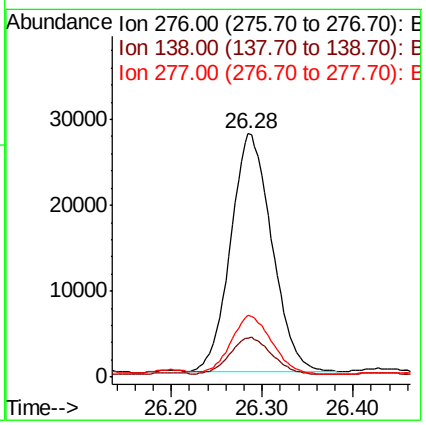


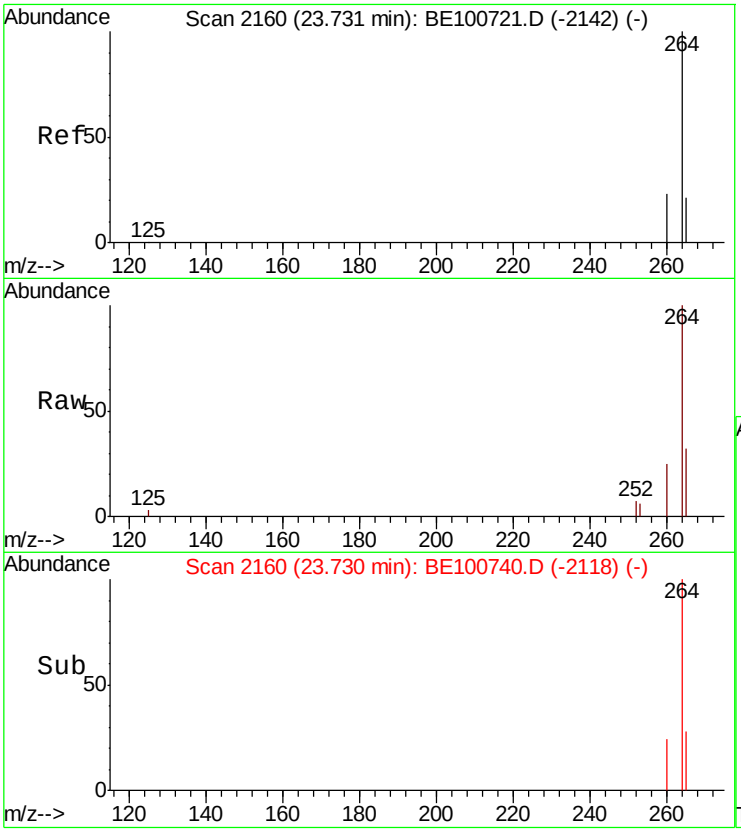


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.947 ng
RT: 26.28 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:276 Resp: 86955

Ion	Ratio	Lower	Upper
276	100		
138	15.8	14.8	22.2
277	24.6	19.6	29.4



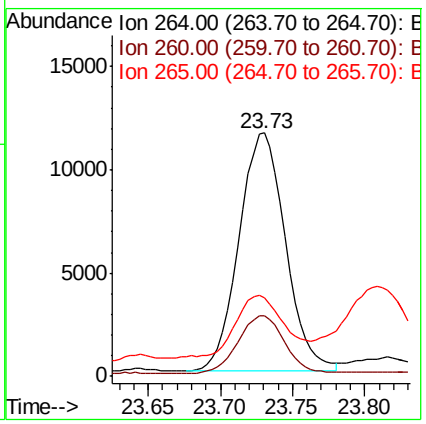


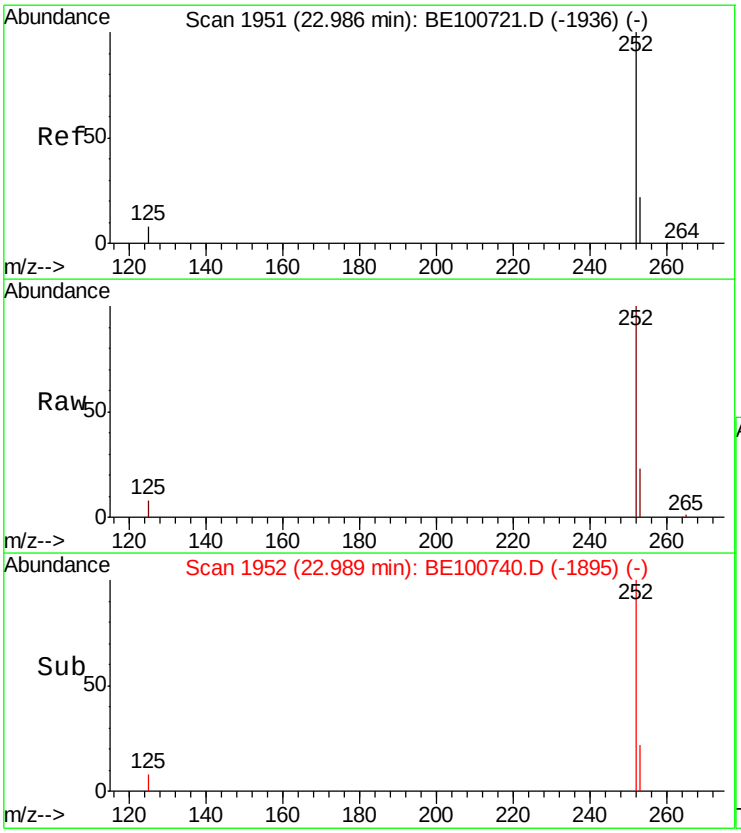
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:264 Resp: 25331

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.1	28.7
265	32.1	19.7	29.5#

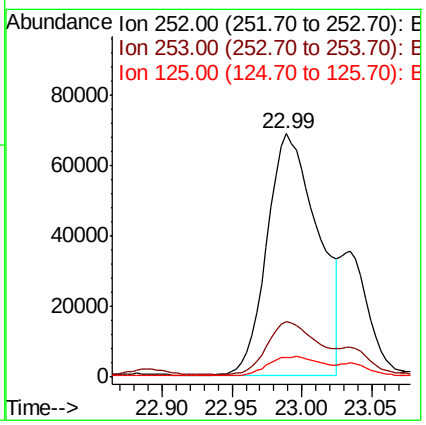


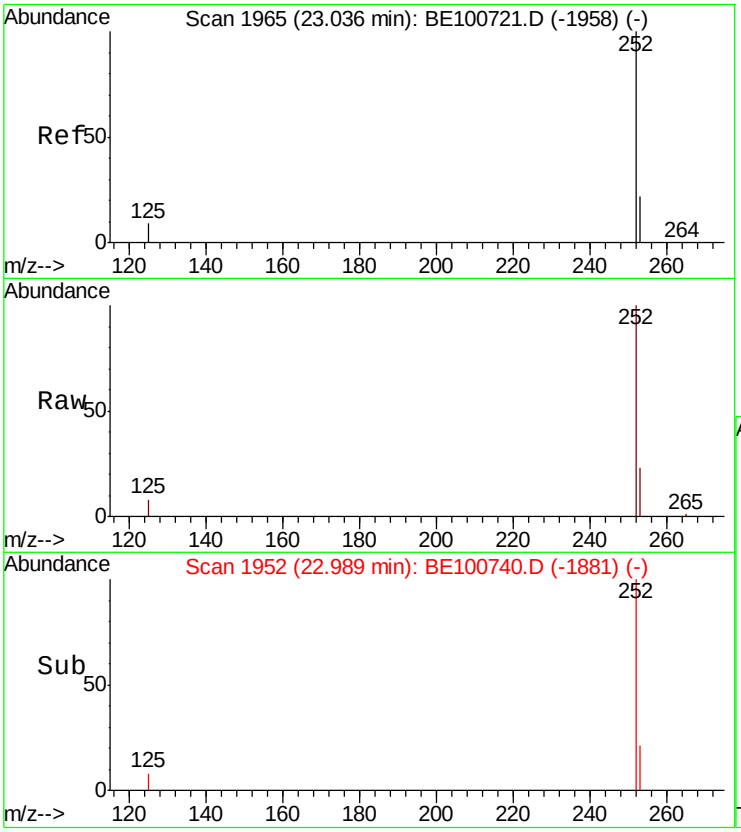


#35
Benzo(b)fluoranthene
Concen: 2.361 ng
RT: 22.99 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:252 Resp: 174508

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	8.3	7.0	10.4



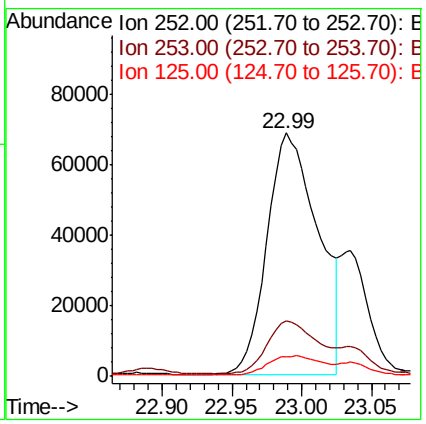


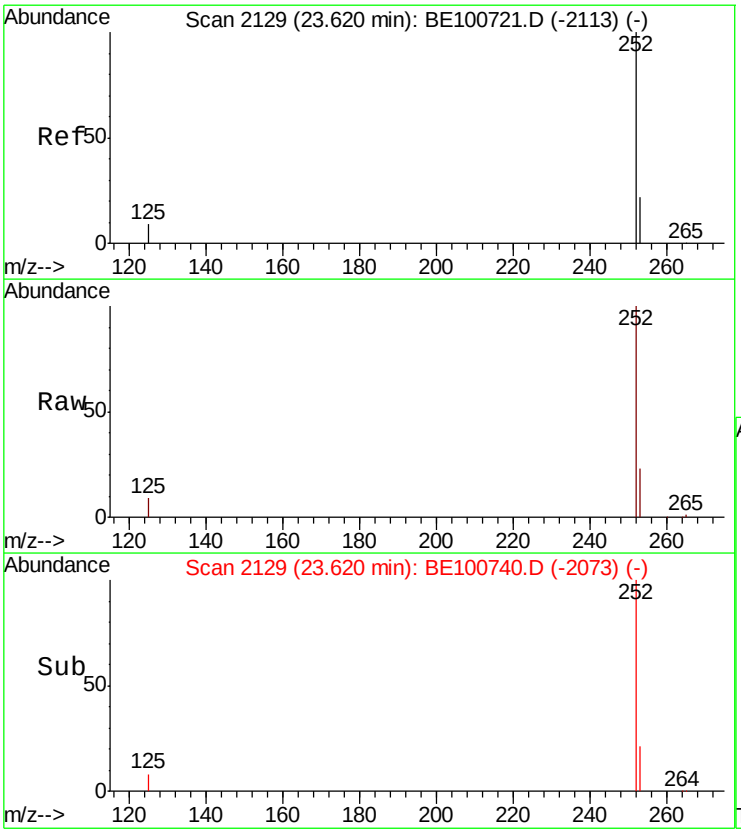
#36
Benzo(k)fluoranthene
Concen: 2.253 ng
RT: 22.99 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:252 Resp: 174508

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	8.3	7.6	11.4

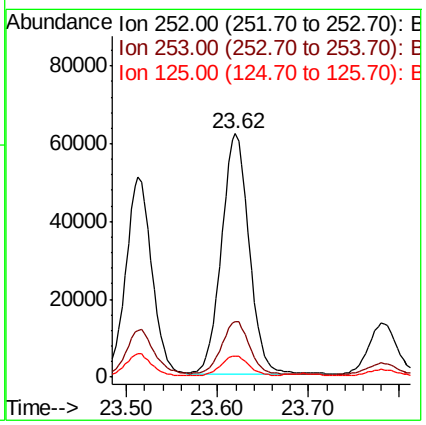


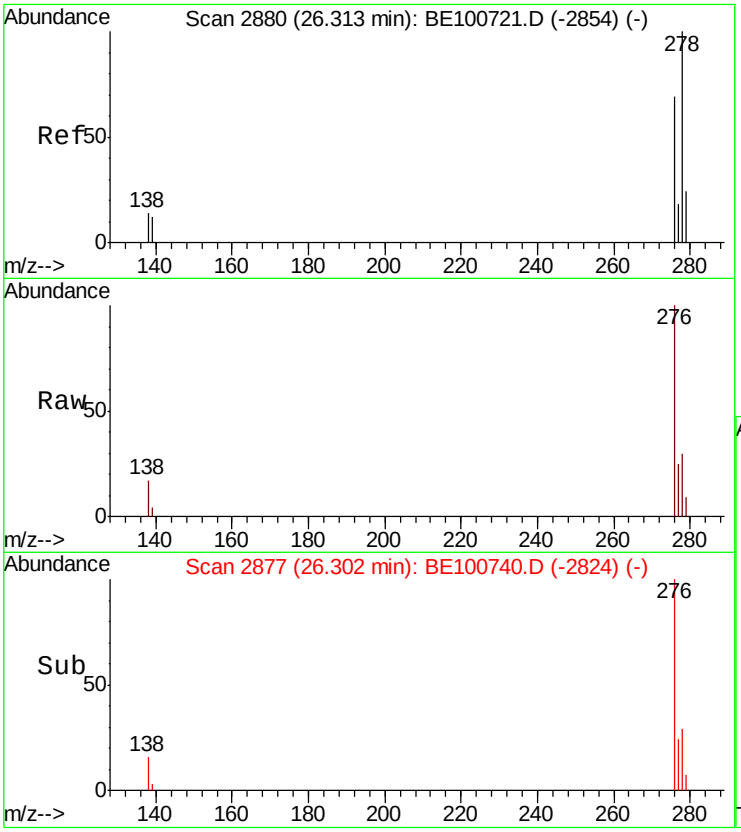


#37
Benzo(a)pyrene
Concen: 1.895 ng
RT: 23.62 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:252 Resp: 130551

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	8.8	7.9	11.9



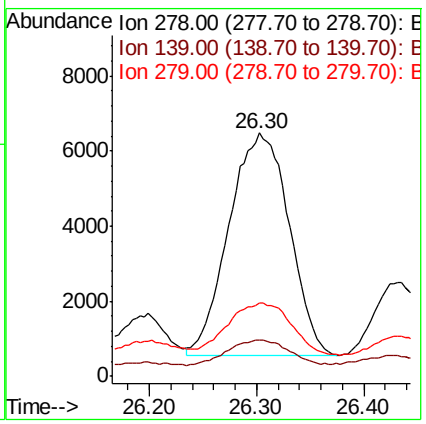


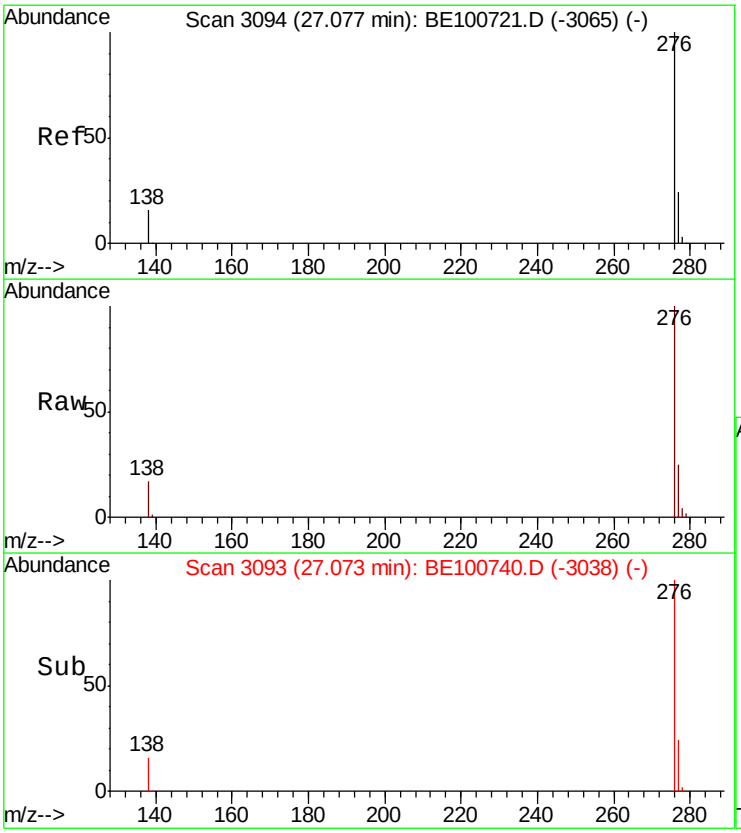
#38
Dibenzo(a,h)anthracene
Concen: 0.321 ng
RT: 26.30 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Instrument :
BNA_E
ClientSampleId :
PST-024-SW136-110619-1

Tgt Ion:278 Resp: 23066

Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.3	15.5
279	30.0	20.6	31.0





#39
Benzo(g,h,i)perylene
Concen: 1.404 ng
RT: 27.07 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BE100740.D
Acq: 15 Nov 2019 16:52

Tgt Ion:276 Resp: 98926

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.6
138	16.6	13.6	20.4