Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100935.D
Acq On : 17 Dec 2019 1:36
Operator : JU
Sample : PB125440BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 17 06:20:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4573	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	19046	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	9555	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	22684	0.40	ng		0.00
27) Chrysene-d12	21.29	240	23322	0.40	ng		-0.01
34) Perylene-d12	23.74	264	23152	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	5117	0.47	ng		0.00
5) Phenol-d6	6.93	99	7993	0.49	ng		0.00
8) Nitrobenzene-d5	8.90	82	5425	0.60	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	12409	0.45	ng		-0.01
14) 2,4,6-Tribromophenol	15.86	330	654	0.62	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	16198	0.43	ng		0.00
25) Fluoranthene-d10	19.15	212	105453	0.39	ng		0.00
29) Terphenyl-d14	19.75	244	21639	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2530	0.303	ng	#	4
3) n-Nitrosodimethylamine	3.65	42	2952	0.435	ng	#	95
6) bis(2-Chloroethyl)ether	7.18	93	6553	0.414	ng		98
9) Naphthalene	10.58	128	83651	0.413	ng		100
10) Hexachlorobutadiene	10.89	225	2988	0.379	ng		98
12) 2-Methylnaphthalene	12.19	142	12664	0.401	ng		93
16) Acenaphthylene	14.11	152	16145	0.408	ng		99
17) Acenaphthene	14.46	154	10895	0.400	ng		99
18) Fluorene	15.42	166	14011	0.399	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	4027	0.362	ng		88
21) Hexachlorobenzene	16.44	284	4510	0.373	ng		99
22) Pentachlorophenol	16.77	266	982	1.174	ng		97
23) Phenanthrene	17.16	178	26950	0.392	ng		99
24) Anthracene	17.26	178	21964	0.382	ng		99
26) Fluoranthene	19.18	202	31102	0.379	ng		99
28) Pyrene	19.54	202	30882	0.408	ng		99
30) Benzo(a)anthracene	21.28	228	28135	0.409	ng		100
31) Chrysene	21.33	228	34264	0.424	ng		100
32) Bis(2-ethylhexyl)phthalate	21.23	149	26325	0.544	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.31	276	27621	0.393	ng		99
35) Benzo(b)fluoranthene	22.99	252	28461	0.449	ng		99
36) Benzo(k)fluoranthene	23.04	252	31816	0.448	ng		98
37) Benzo(a)pyrene	23.63	252	24908	0.454	ng		99
38) Dibenzo(a,h)anthracene	26.34	278	22610	0.414	ng		97
39) Benzo(g,h,i)perylene	27.09	276	26139	0.448	ng		100

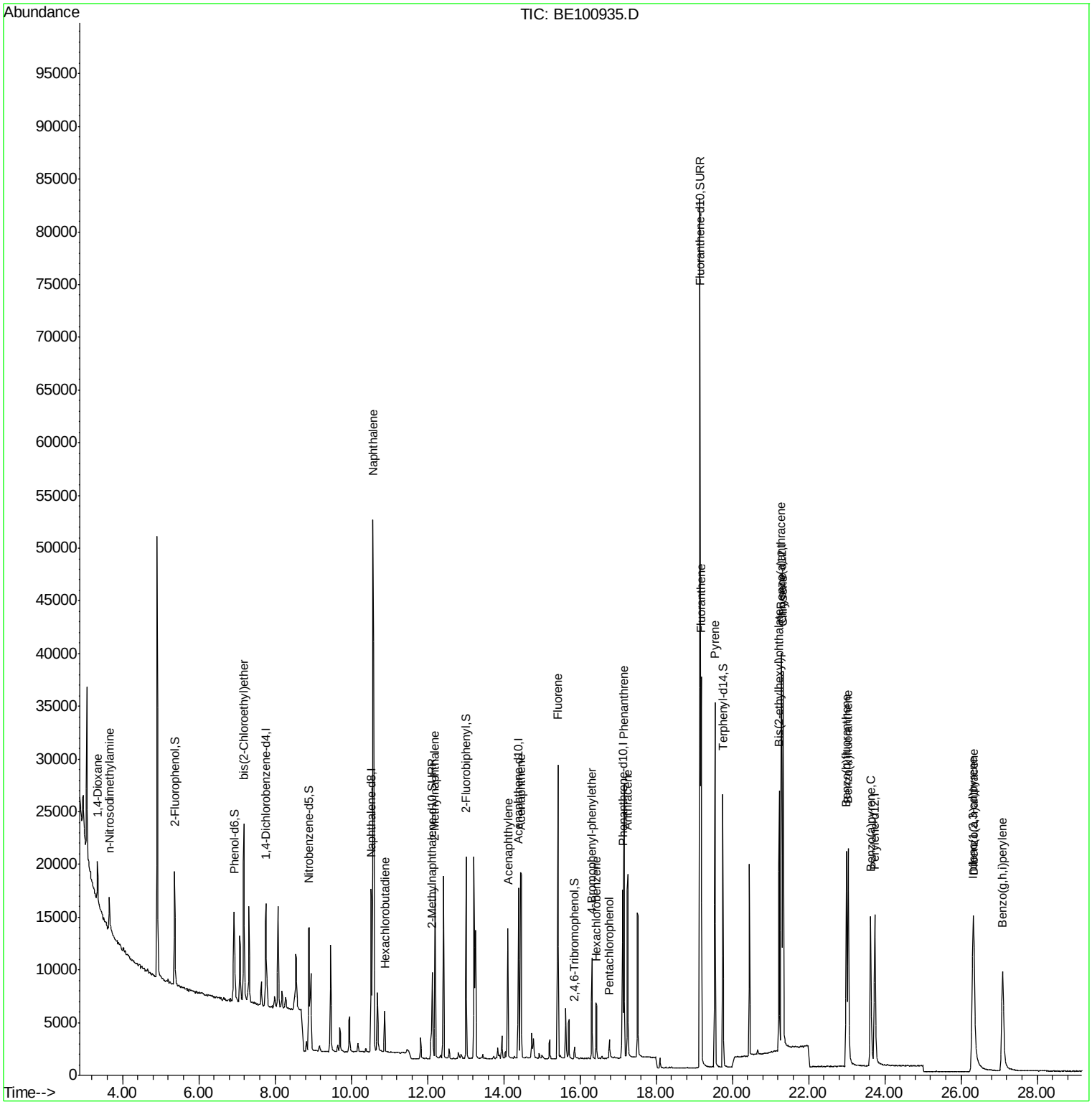
(#) = qualifier out of range (m) = manual integration (+) = signals summed

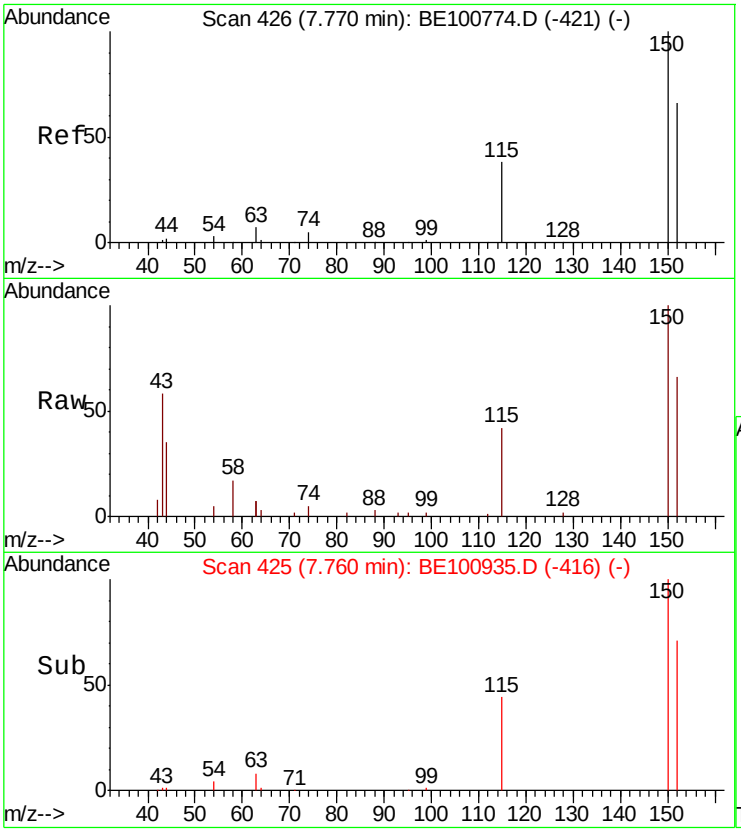
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100935.D
Acq On : 17 Dec 2019 1:36
Operator : JU
Sample : PB125440BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 17 06:20:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration



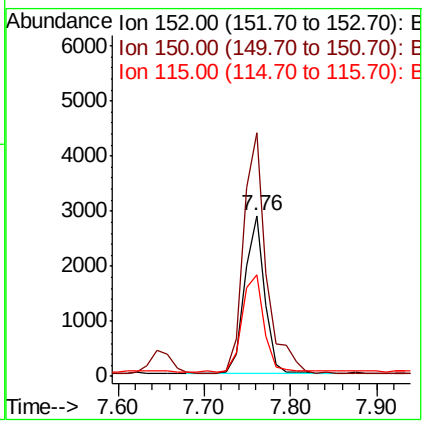


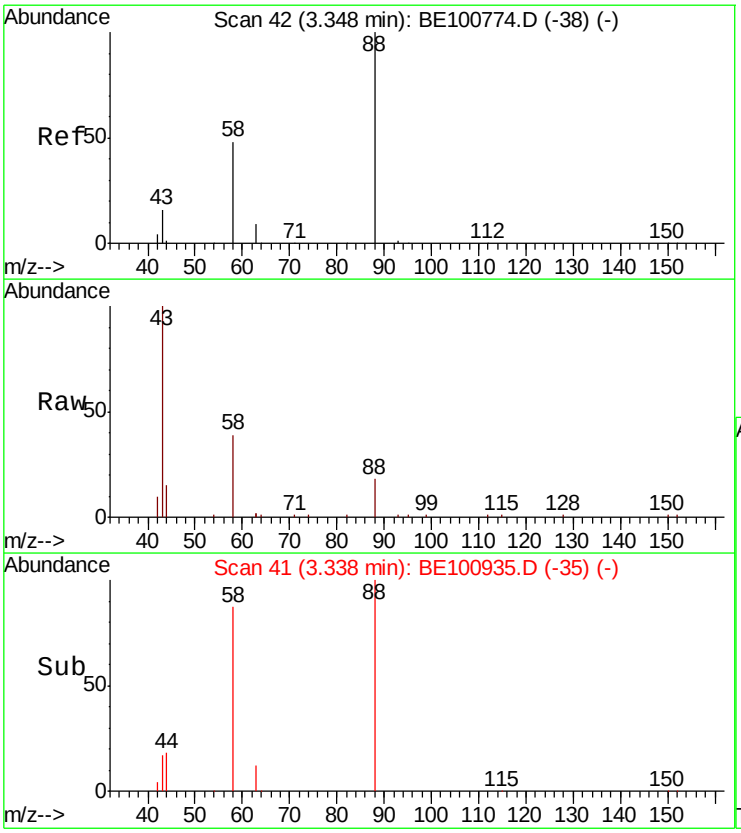
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4573

Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.5	188.3
115	63.2	55.7	83.5

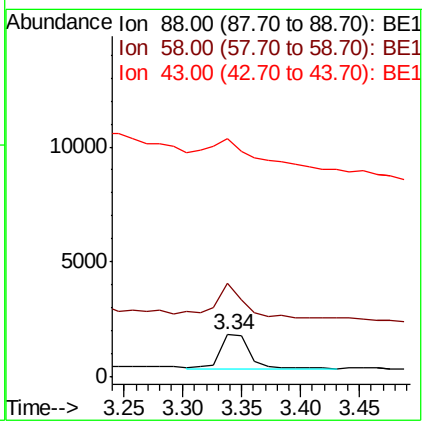


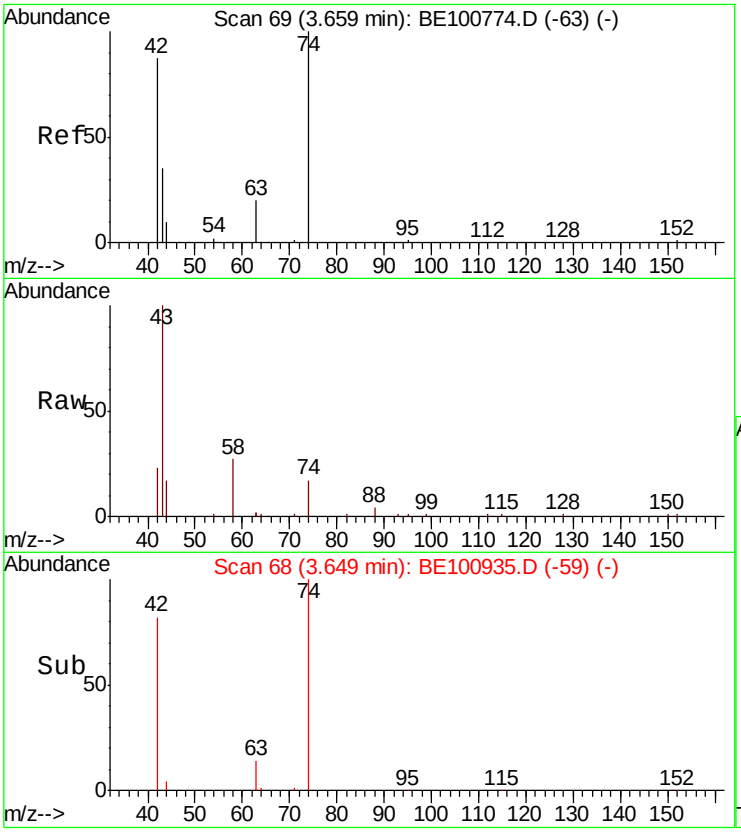


#2
1,4-Dioxane
Concen: 0.303 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion: 88 Resp: 2530

Ion	Ratio	Lower	Upper
88	100		
58	88.1	52.3	78.5#
43	161.2	23.5	35.3#



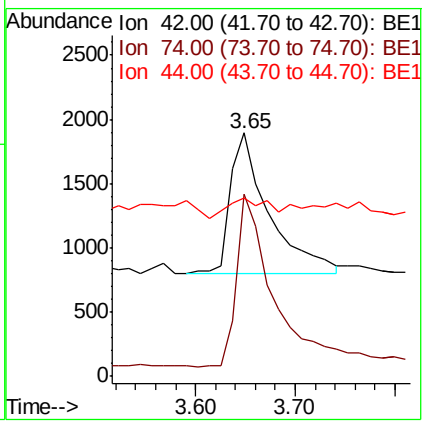


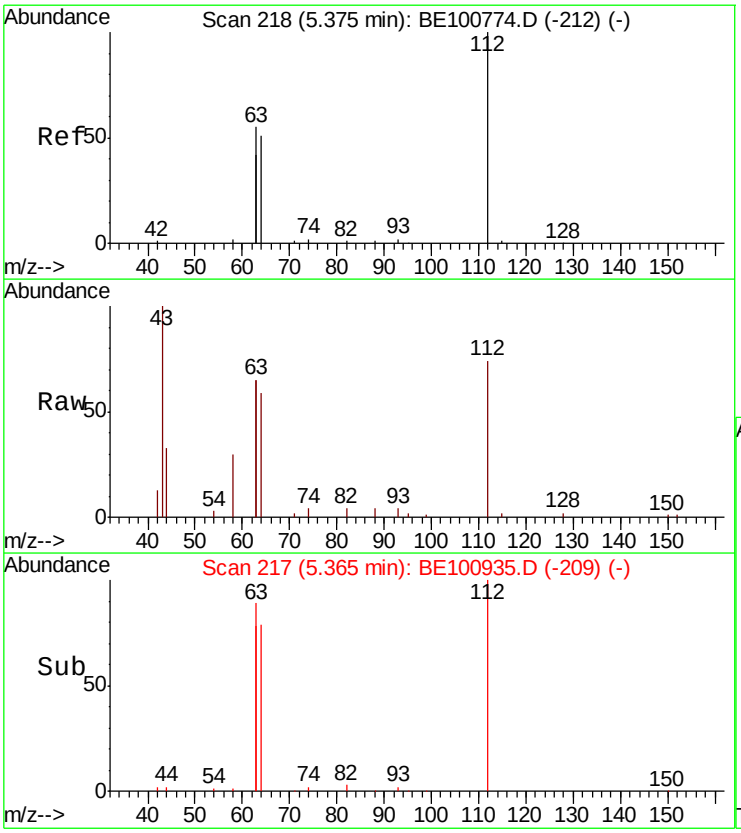
#3
n-Nitrosodimethylamine
Concen: 0.435 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2952

Ion	Ratio	Lower	Upper
42	100		
74	117.7	90.3	135.5
44	14.0	9.0	13.4#

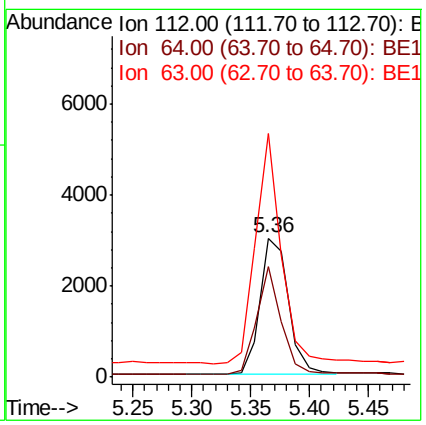


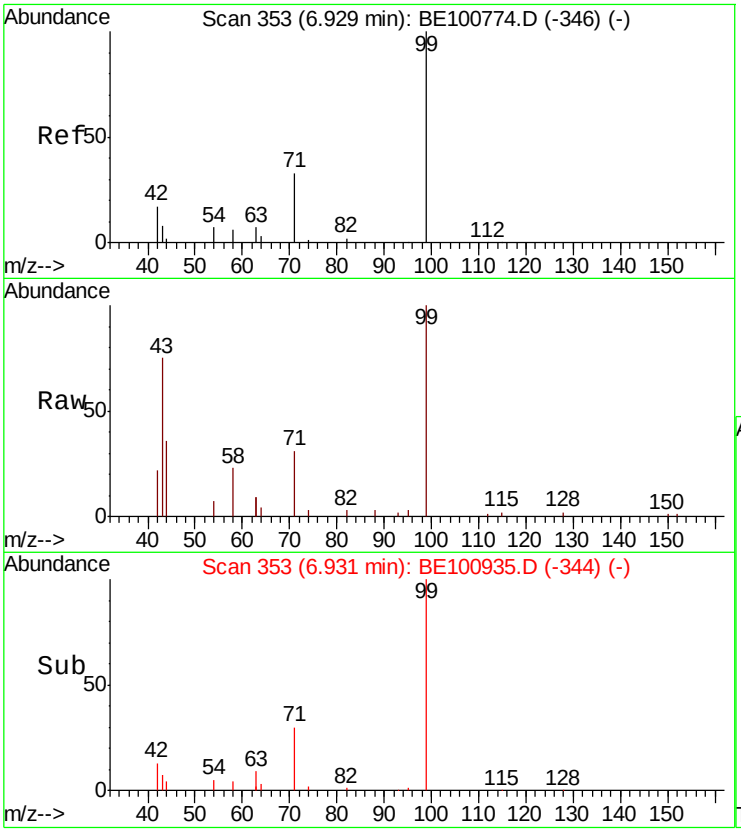


#4
2-Fluorophenol
Concen: 0.472 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:112 Resp: 5117

Ion	Ratio	Lower	Upper
112	100		
64	68.3	54.5	81.7
63	149.5	116.1	174.1



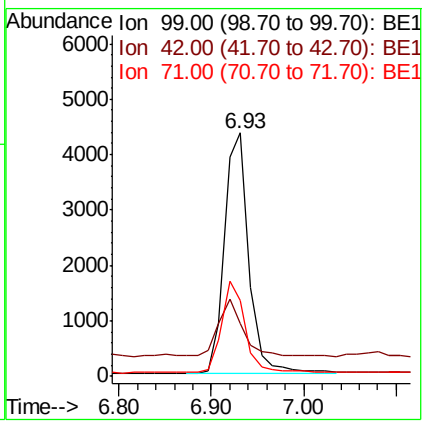


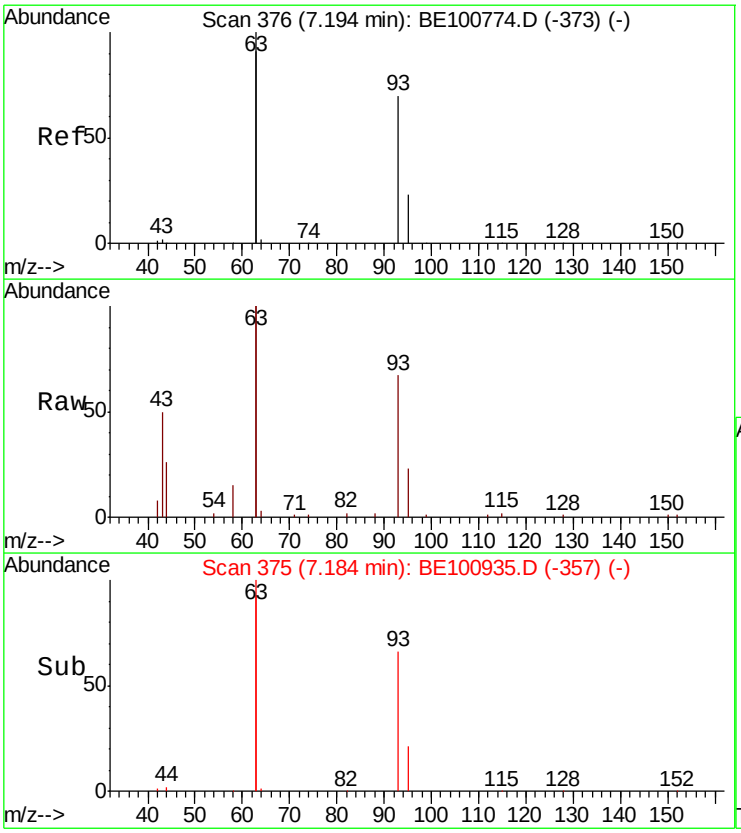
#5
Phenol-d6
Concen: 0.488 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7993

Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.2	27.2
71	36.1	29.1	43.7

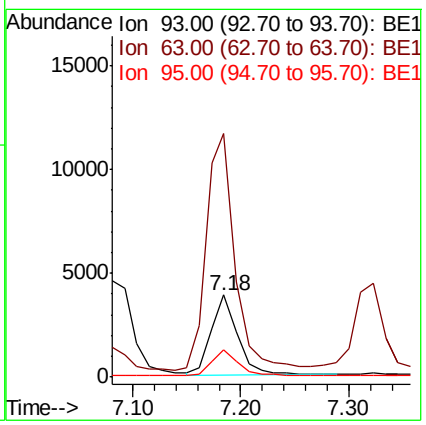


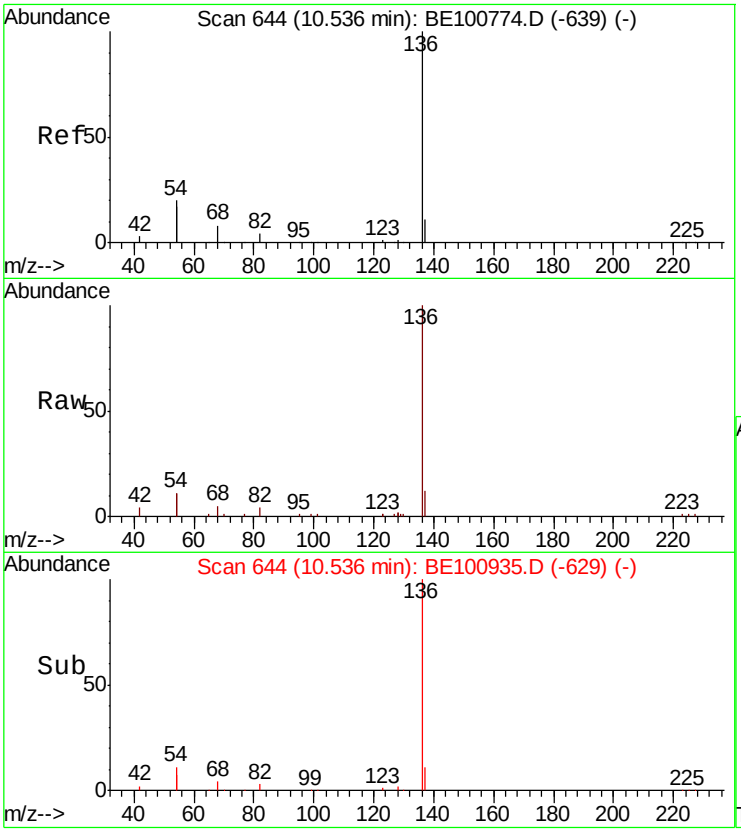


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.18 min Scan# 375
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion: 93 Resp: 6553

Ion	Ratio	Lower	Upper
93	100		
63	322.0	253.9	380.9
95	31.0	25.0	37.6



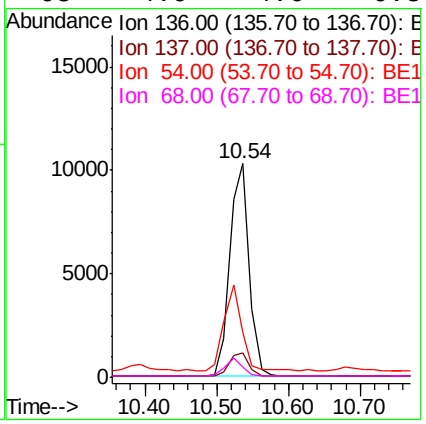


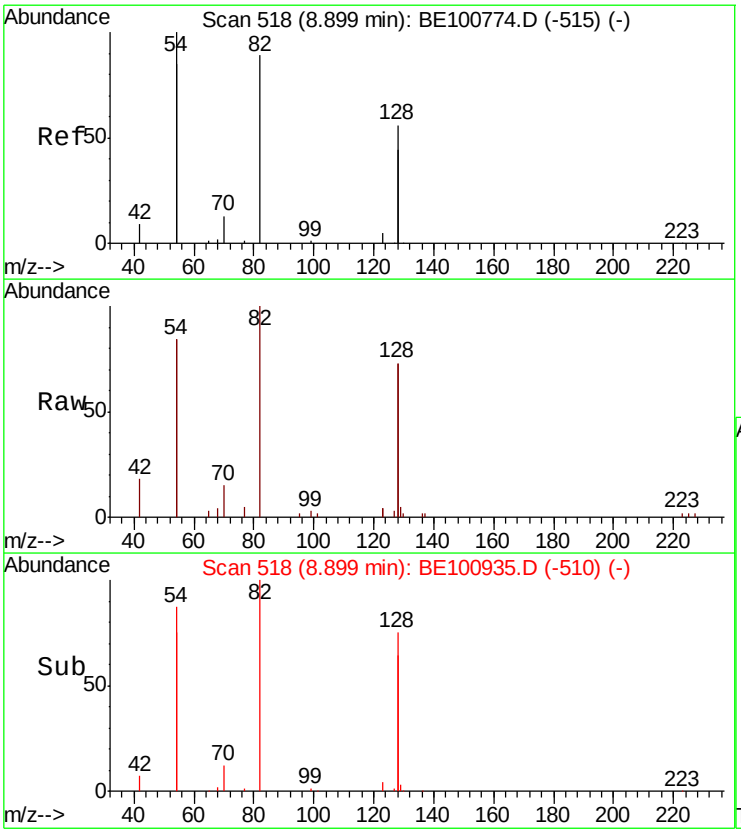
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 19046

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	21.2	18.9	28.3
68	4.9	4.6	6.8

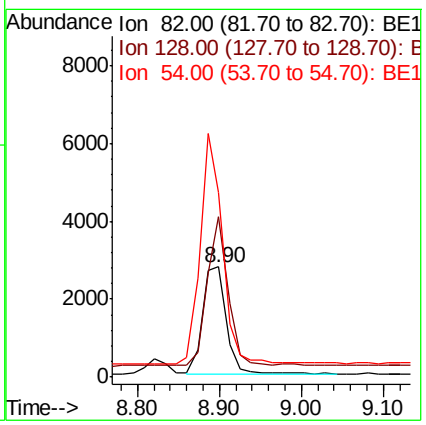


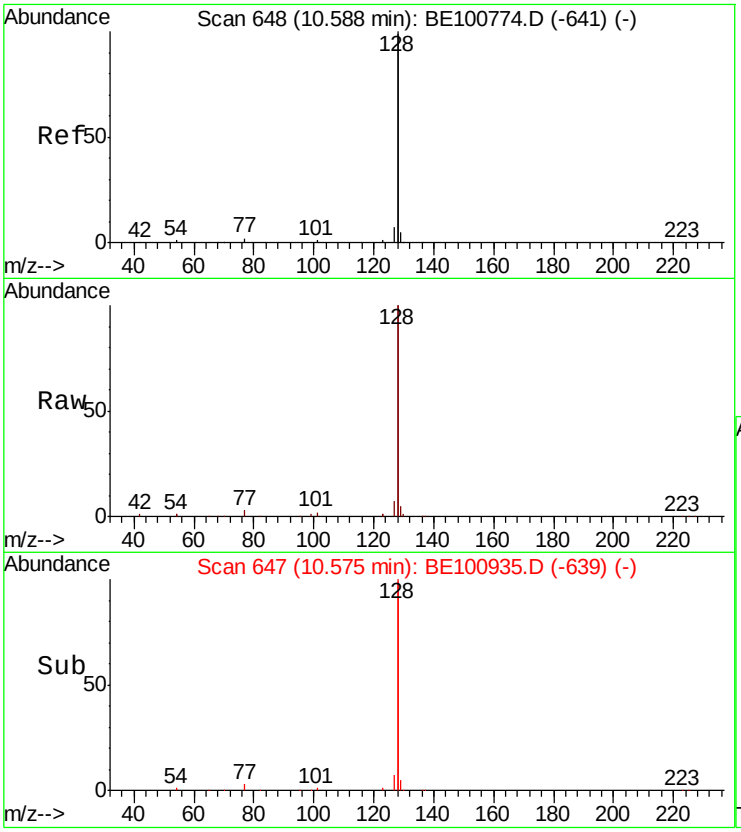


#8
Nitrobenzene-d5
Concen: 0.598 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion: 82 Resp: 5425

Ion	Ratio	Lower	Upper
82	100		
128	145.8	113.5	170.3
54	168.4	138.9	208.3



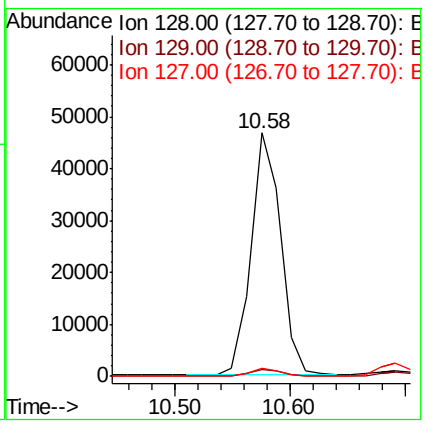


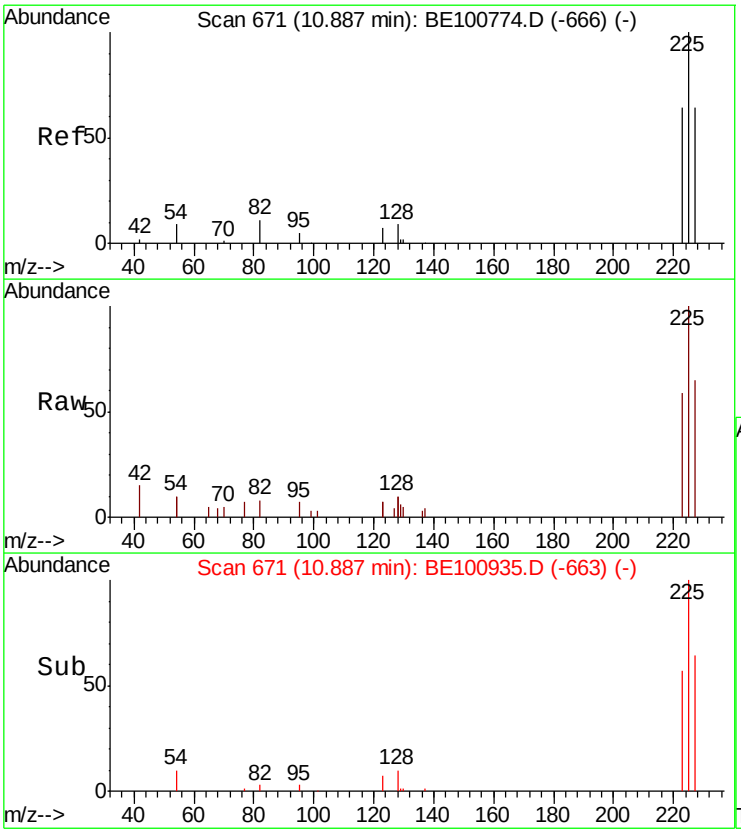
#9
Naphthalene
Concen: 0.413 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 83651

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.4	2.8	4.2

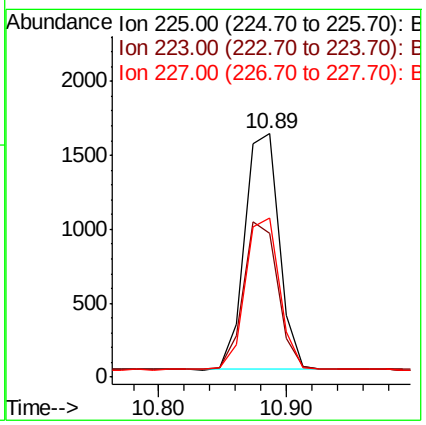


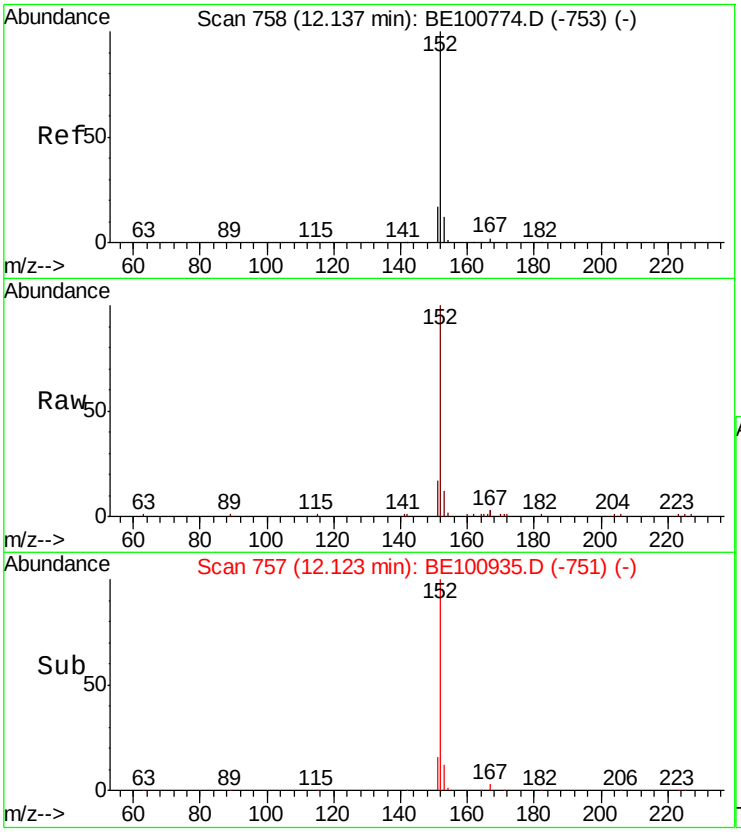


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:225 Resp: 2988

Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.1	78.1
227	63.7	51.1	76.7



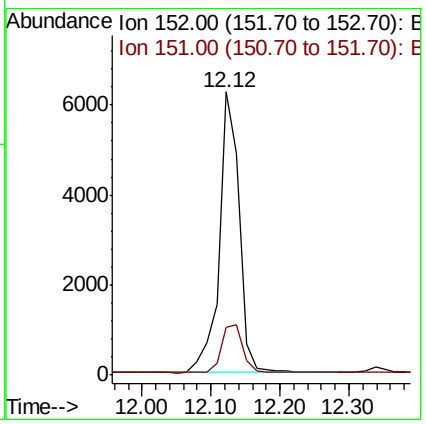


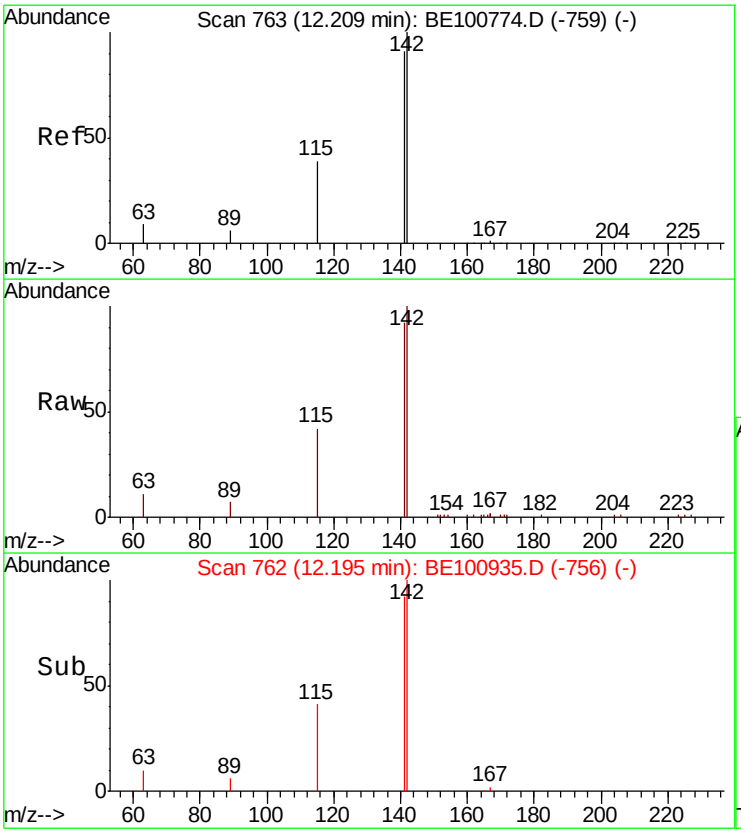
#11
2-Methylnaphthalene-d10
Concen: 0.450 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 12409

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.1	22.7

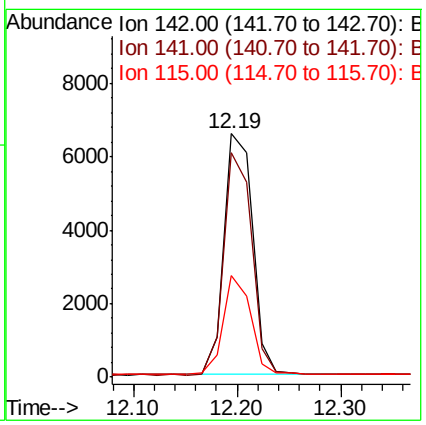


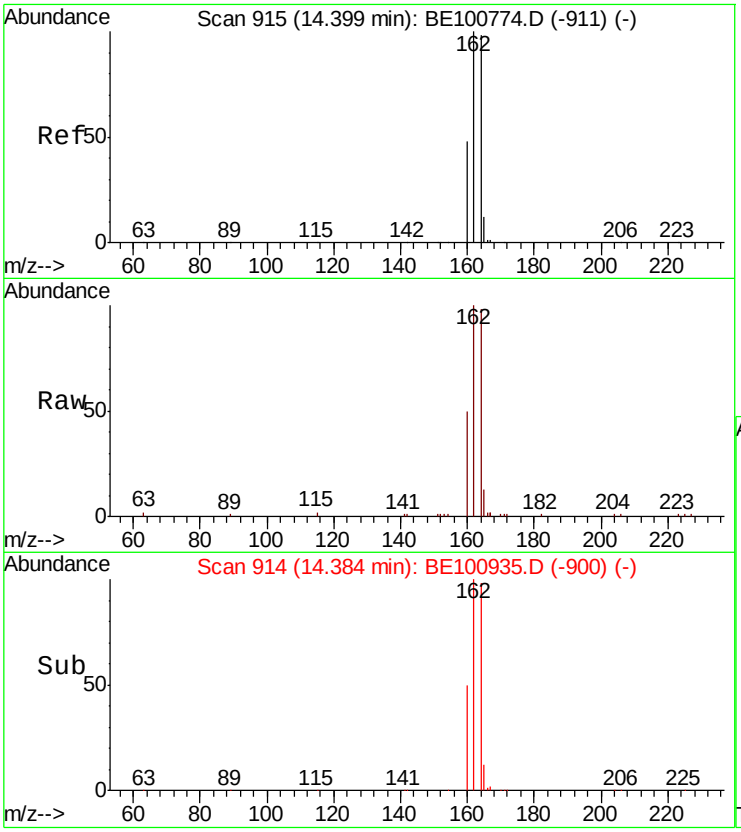


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:142 Resp: 12664

Ion	Ratio	Lower	Upper
142	100		
141	92.0	68.9	103.3
115	41.9	29.5	44.3



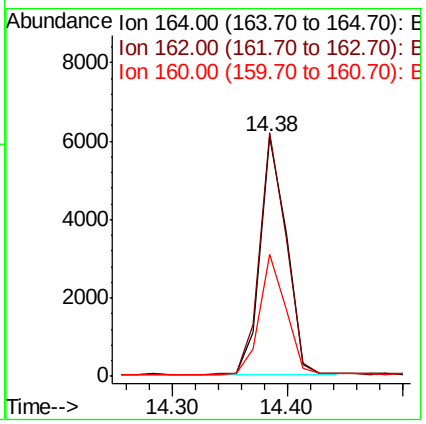


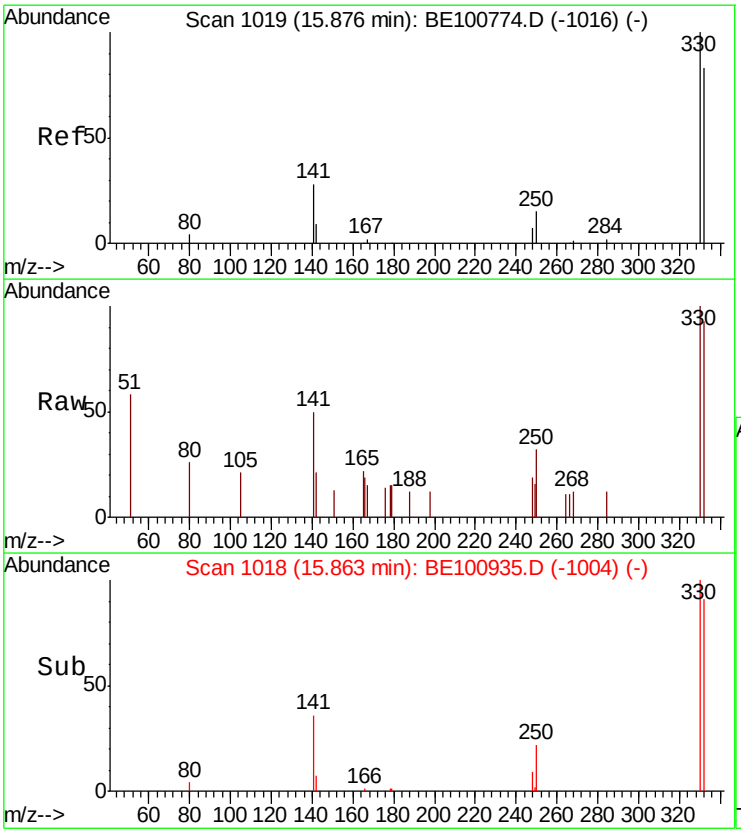
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9555

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.0	129.0
160	51.2	42.3	63.5

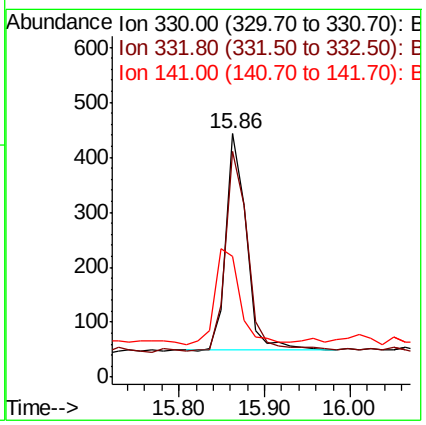


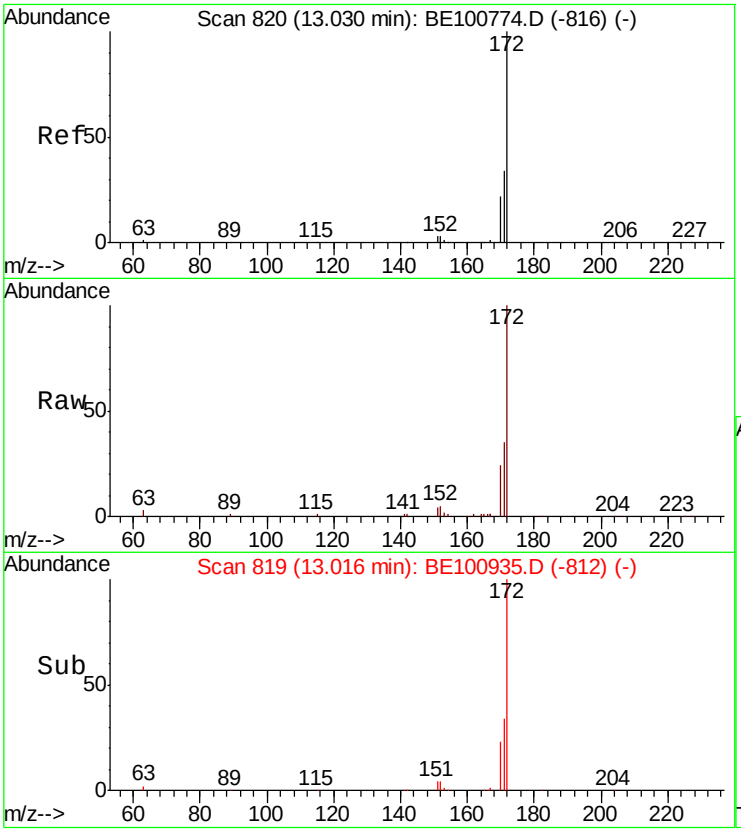


#14
2,4,6-Tribromophenol
Concen: 0.615 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:330 Resp: 654

Ion	Ratio	Lower	Upper
330	100		
332	101.8	74.1	111.1
141	55.2	46.7	70.1



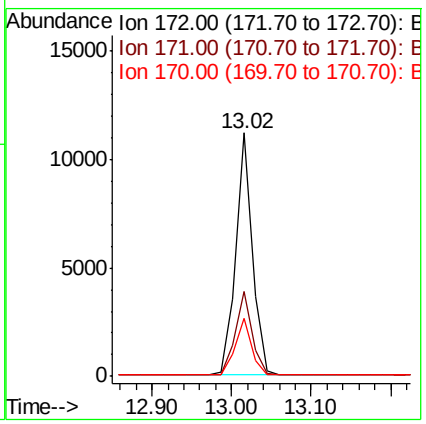


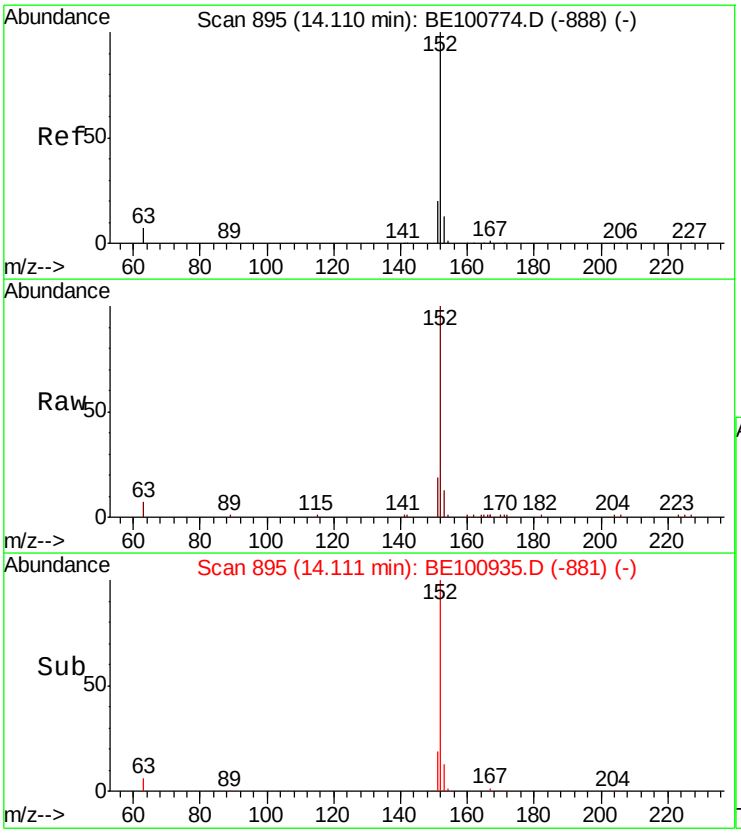
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 16198

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	23.7	19.4	29.0

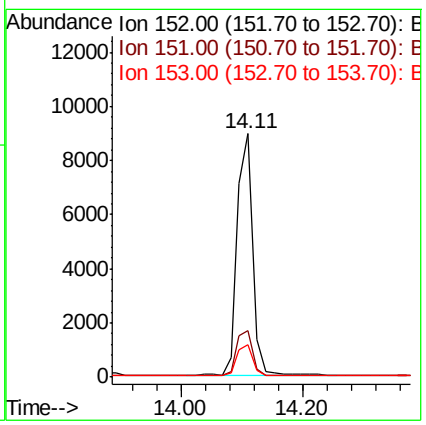


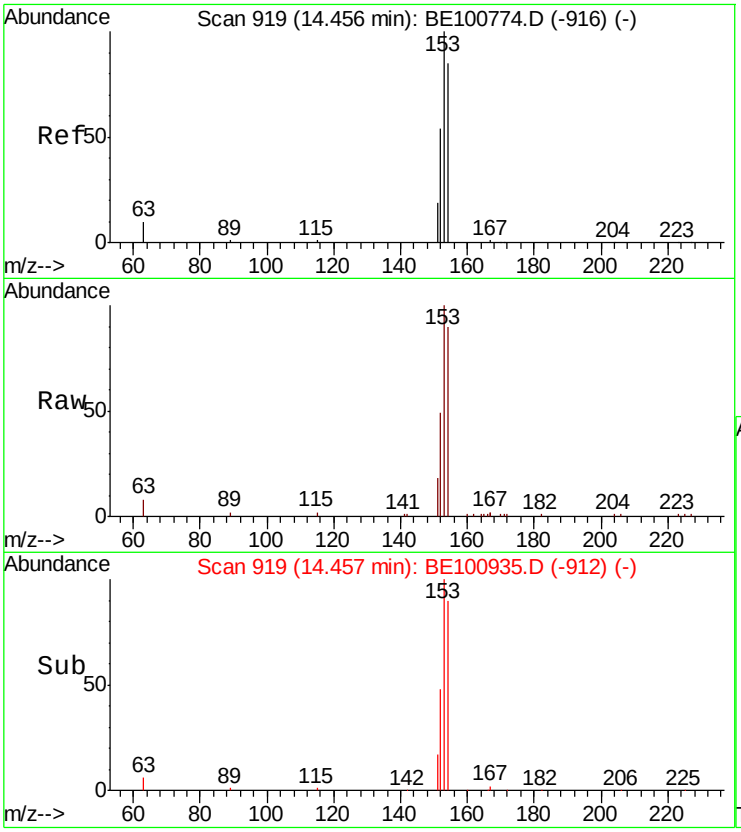


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:152 Resp: 16145

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.8	10.5	15.7



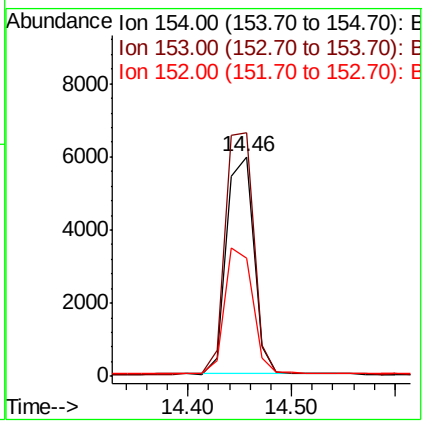


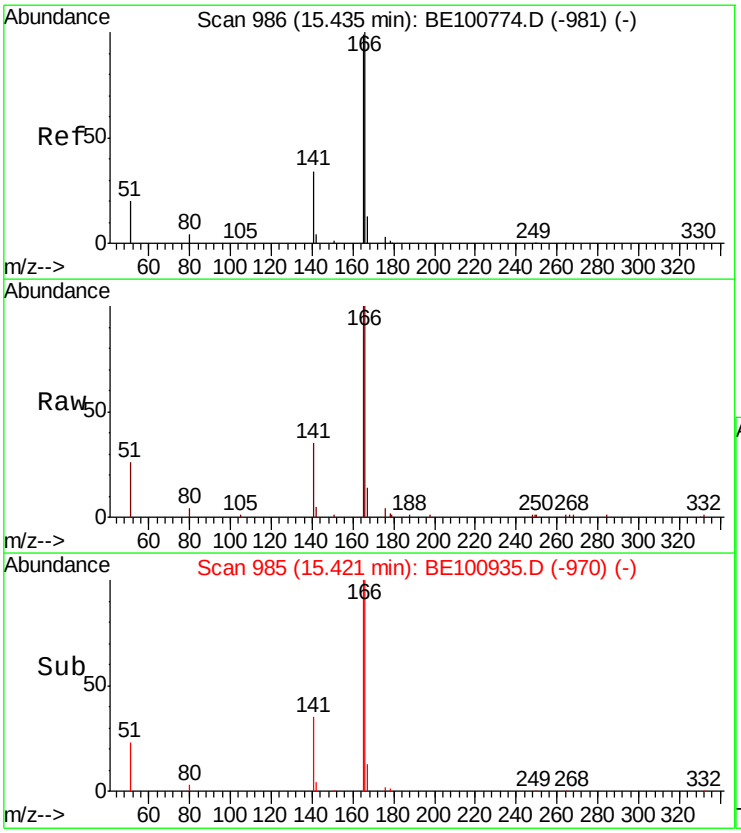
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10895

Ion	Ratio	Lower	Upper
154	100		
153	116.4	91.5	137.3
152	59.6	47.7	71.5

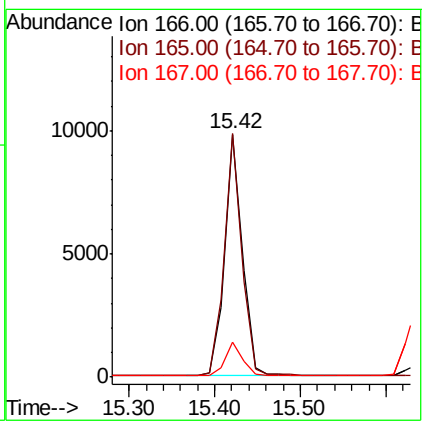


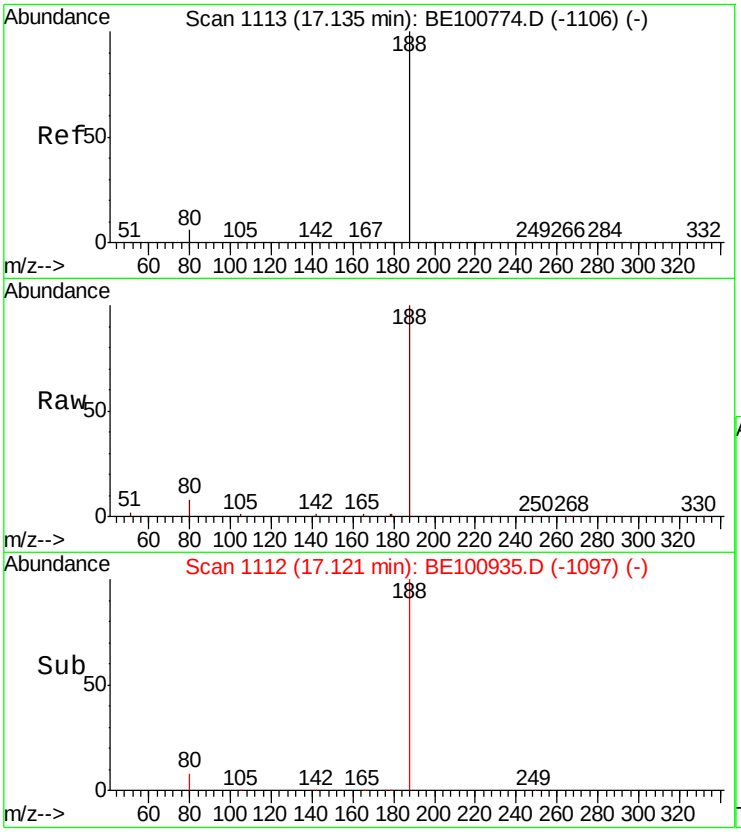


#18
Fluorene
Concen: 0.399 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:166 Resp: 14011

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.2	120.4
167	13.7	10.6	16.0



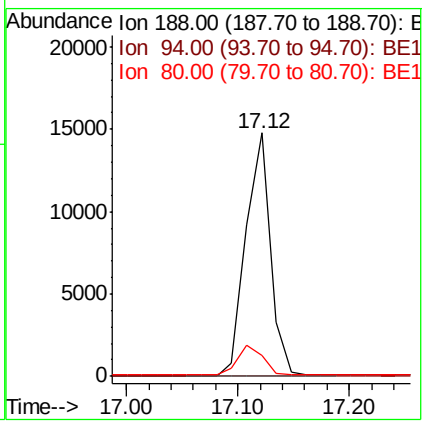


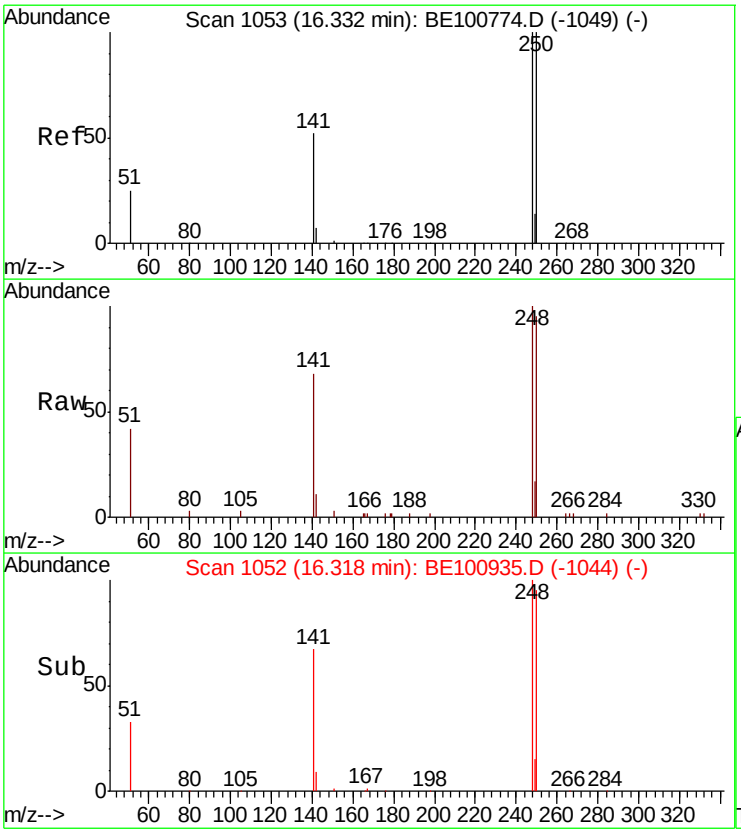
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 22684

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.9	11.9

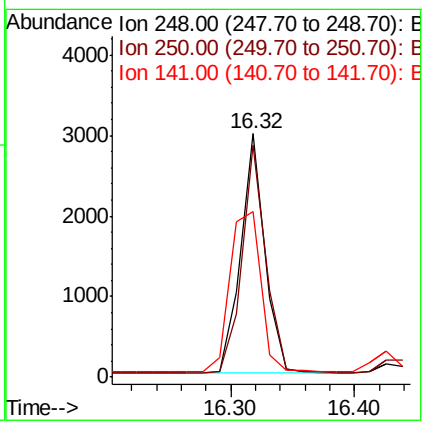


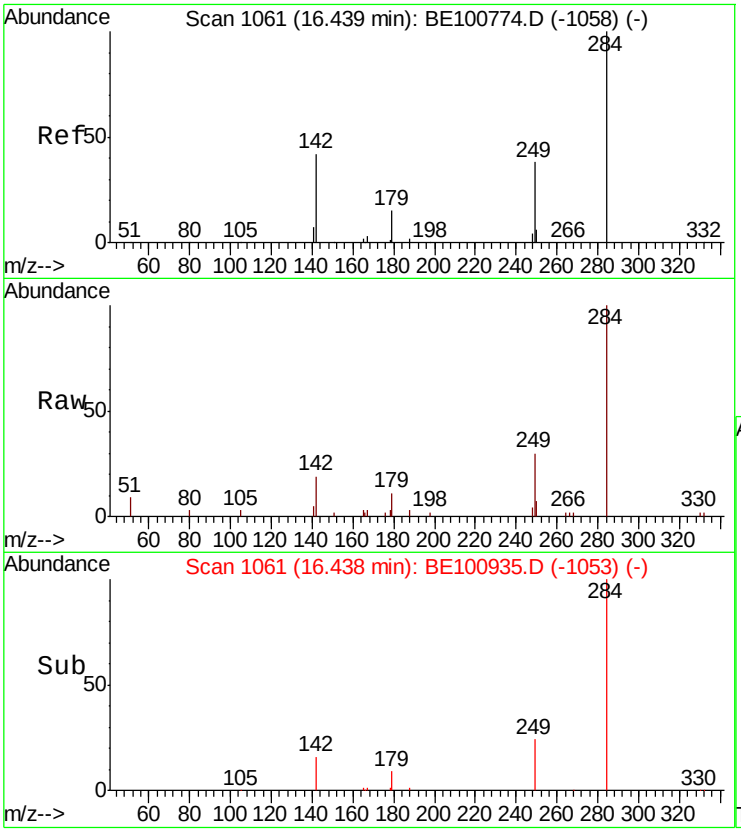


#20
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:248 Resp: 4027

Ion	Ratio	Lower	Upper
248	100		
250	95.3	72.4	108.6
141	68.2	68.2	102.2



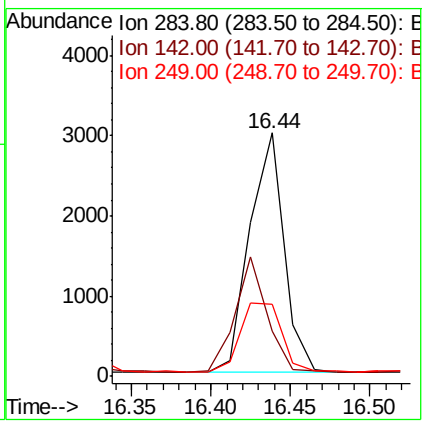


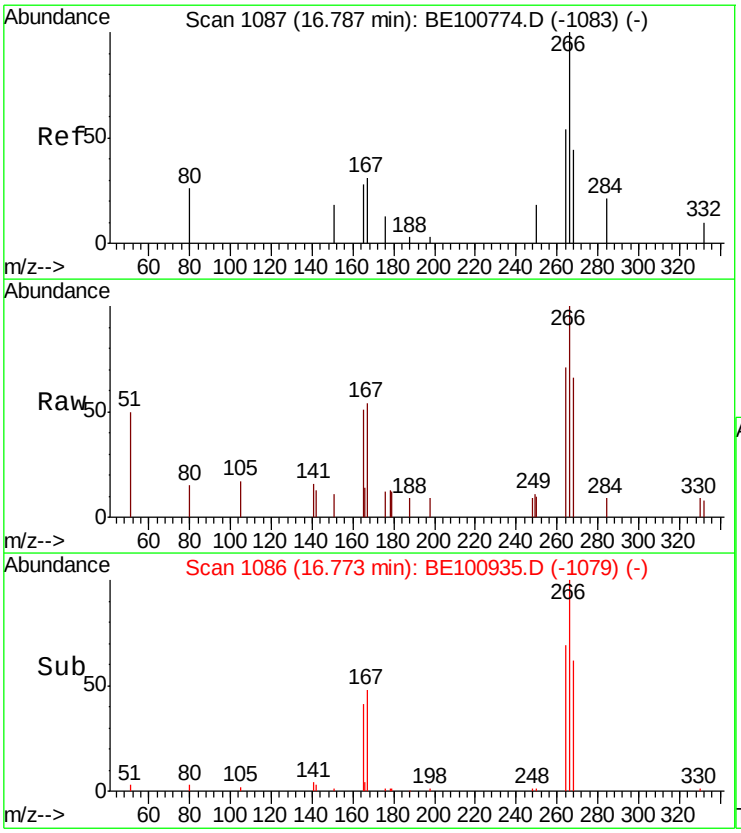
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4510

Ion	Ratio	Lower	Upper
284	100		
142	44.2	35.0	52.4
249	34.1	28.1	42.1

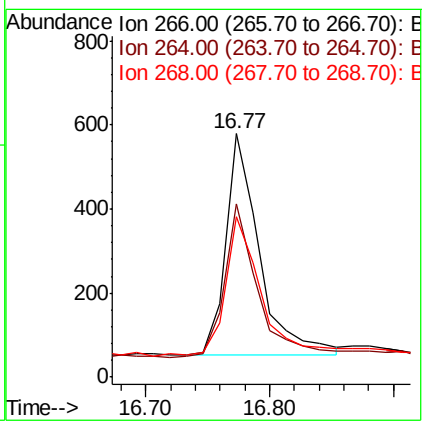


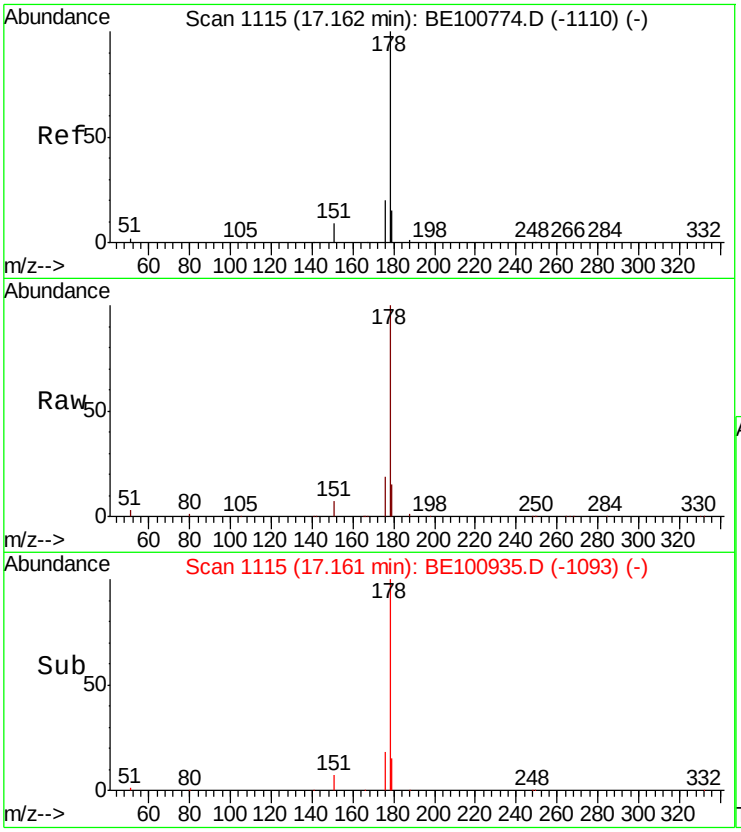


#22
Pentachlorophenol
Concen: 1.174 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:266 Resp: 982

Ion	Ratio	Lower	Upper
266	100		
264	71.3	55.1	82.7
268	66.0	50.7	76.1



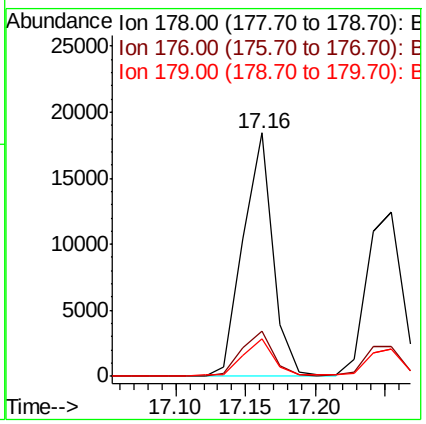


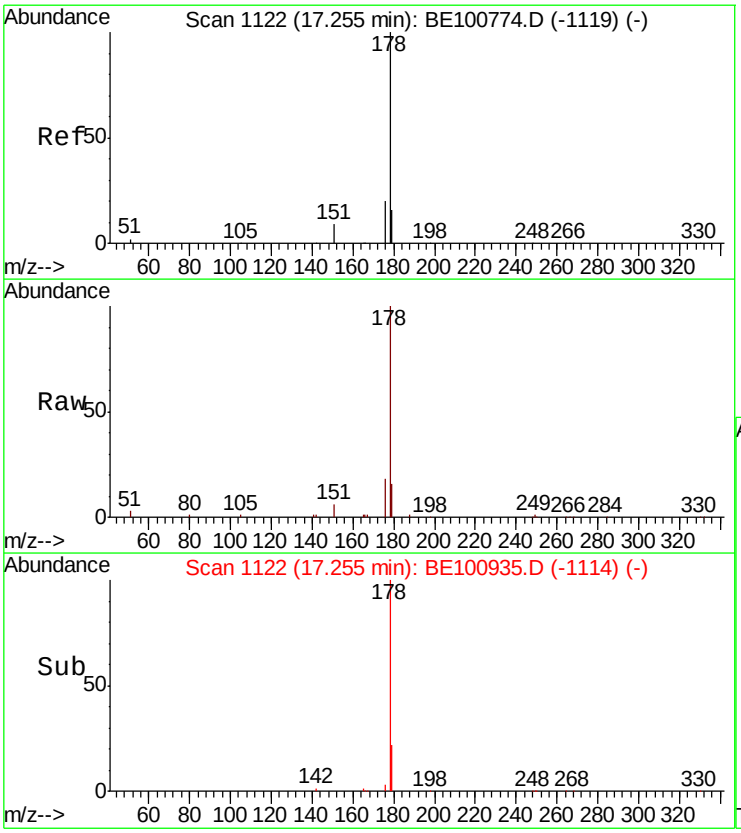
#23
Phenanthrene
Concen: 0.392 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 26950

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	11.9	17.9

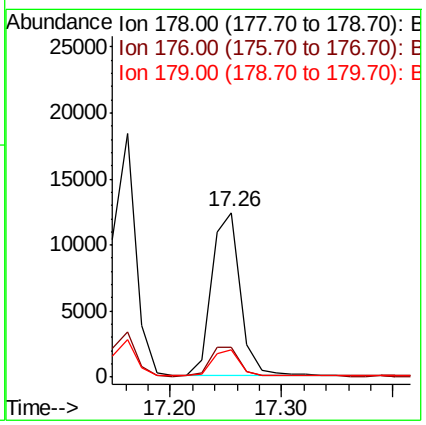


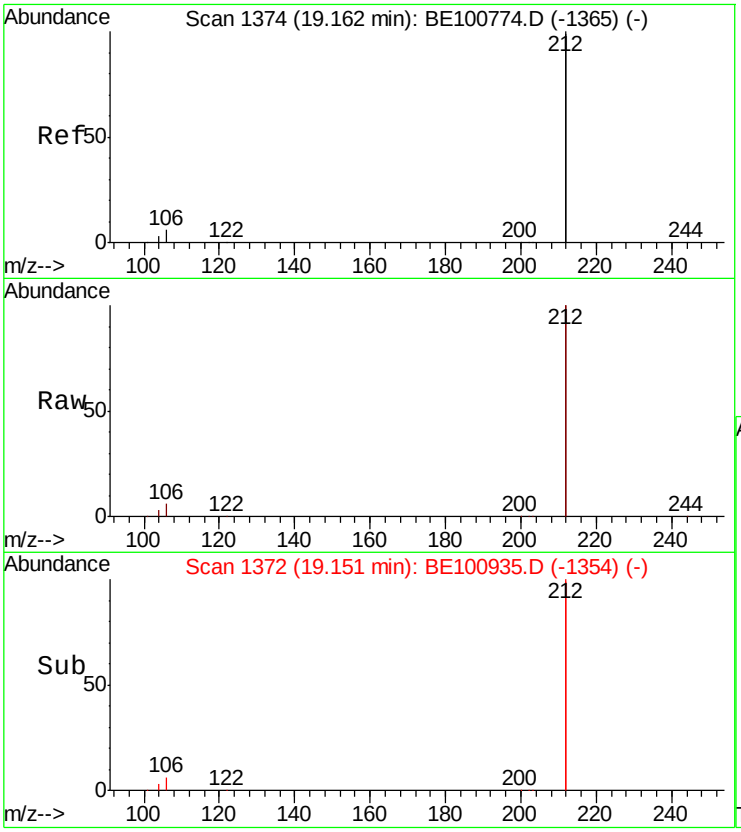


#24
Anthracene
Concen: 0.382 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:178 Resp: 21964

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.6	12.2	18.4



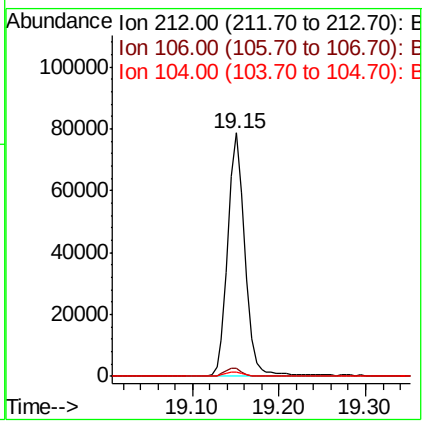


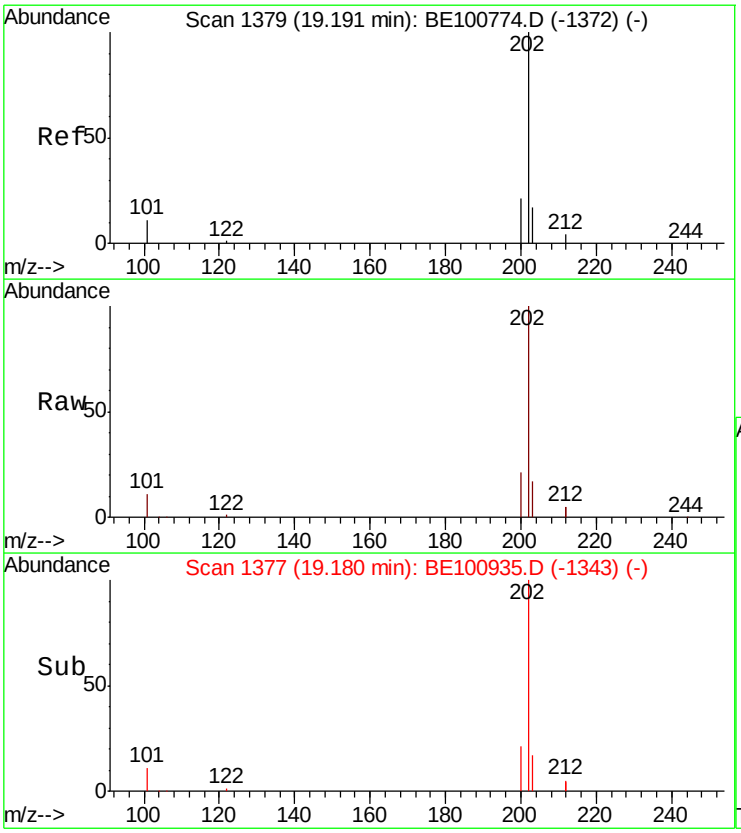
#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 105453

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.8	1.4	2.2

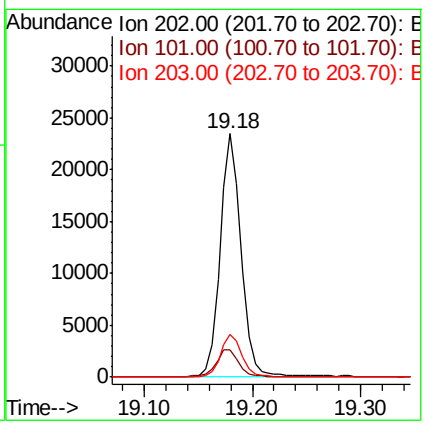


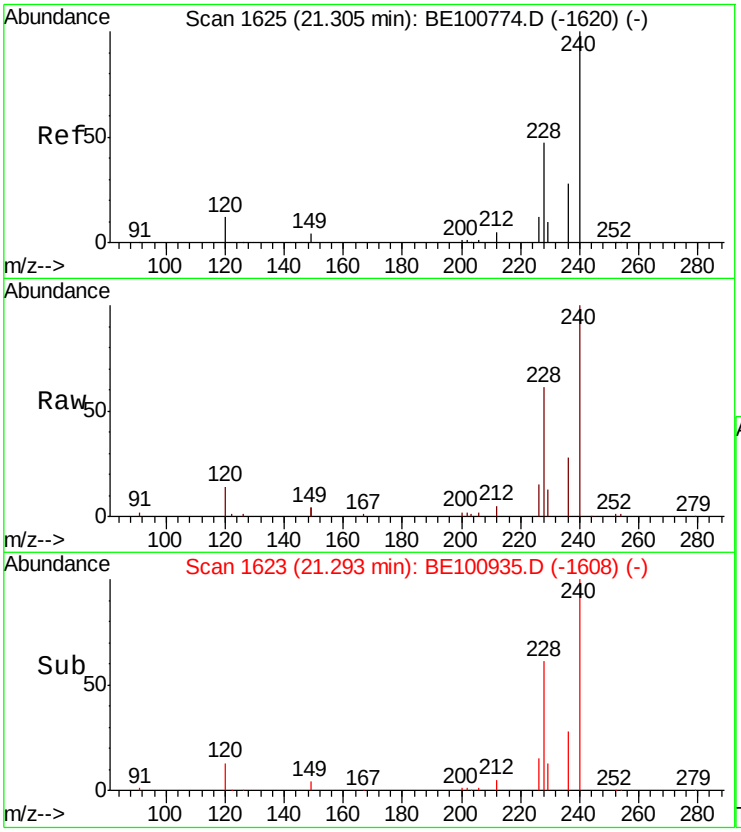


#26
Fluoranthene
Concen: 0.379 ng
RT: 19.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:202 Resp: 31102

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.0
203	17.6	13.7	20.5



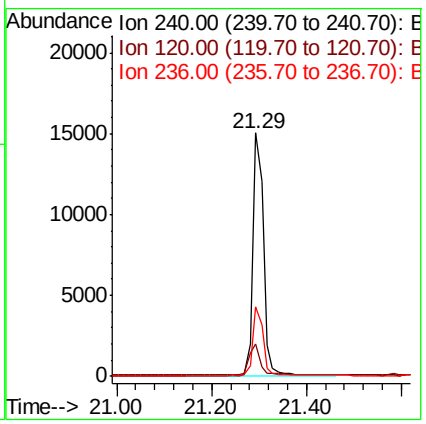


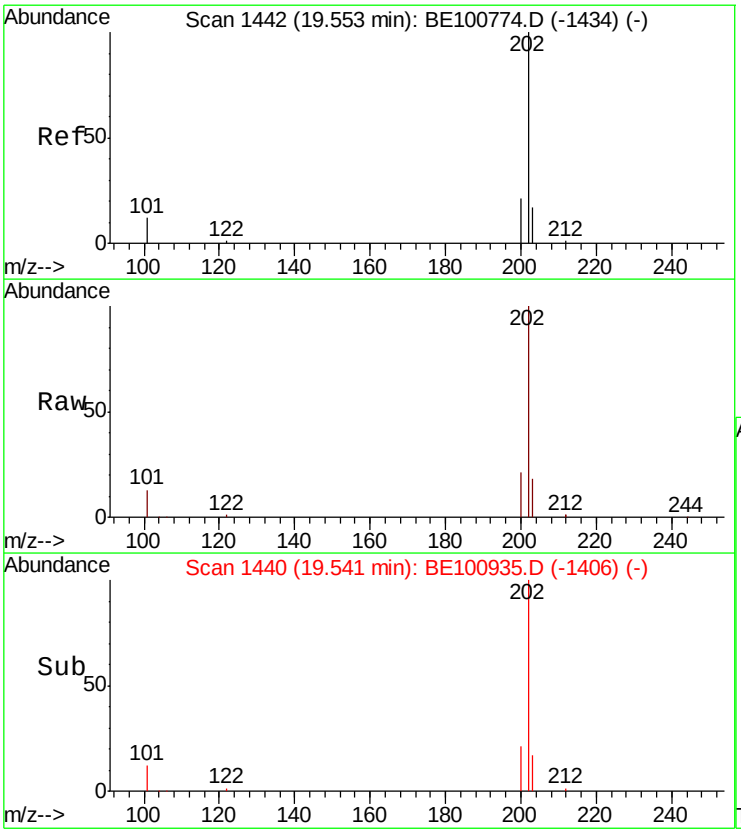
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 23322

Ion	Ratio	Lower	Upper
240	100		
120	13.5	4.0	6.0#
236	28.5	21.6	32.4

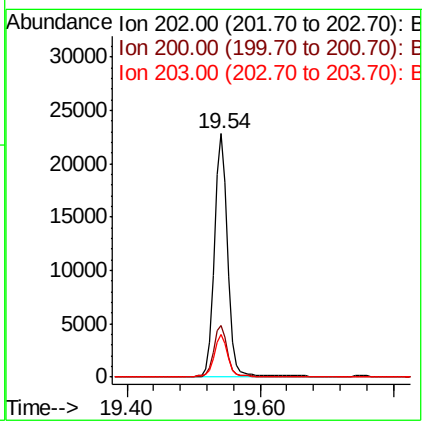


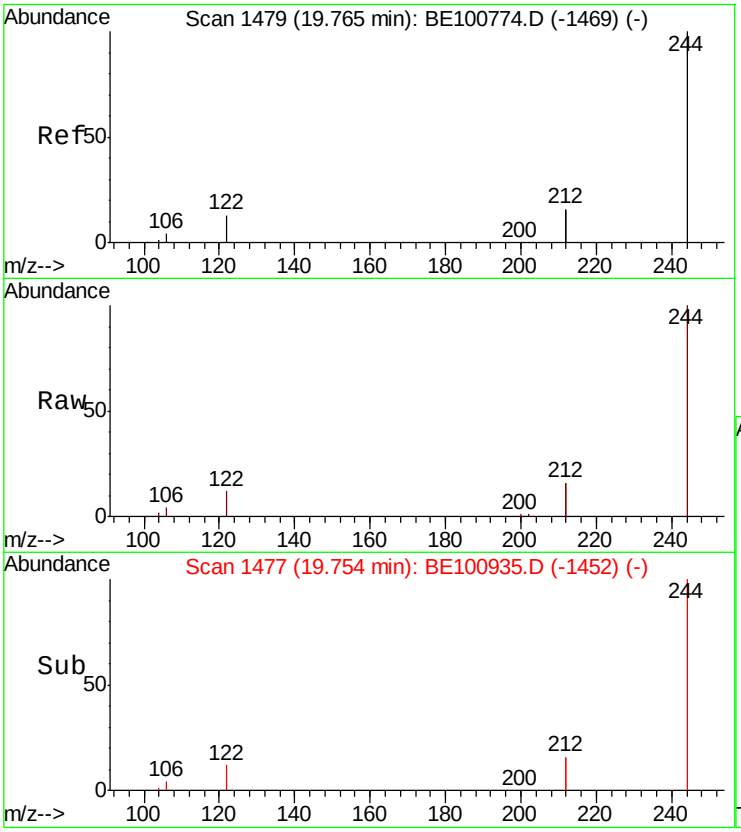


#28
Pyrene
Concen: 0.408 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:202 Resp: 30882

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.8	13.8	20.8



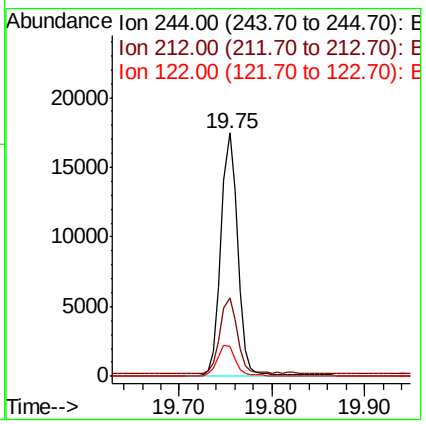


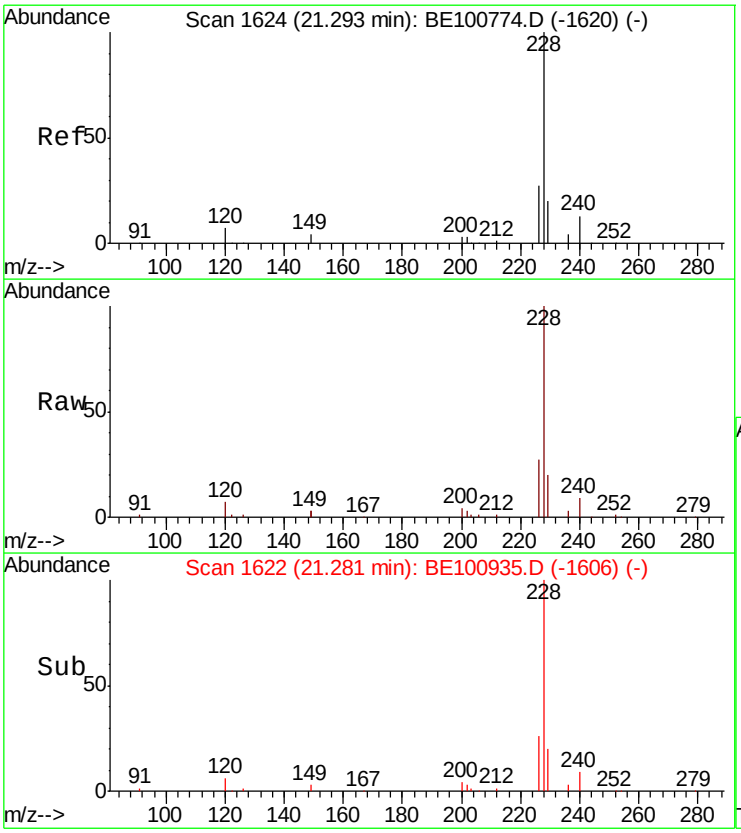
#29
Terphenyl-d14
Concen: 0.387 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 21639

Ion	Ratio	Lower	Upper
244	100		
212	32.1	25.2	37.8
122	12.2	8.9	13.3

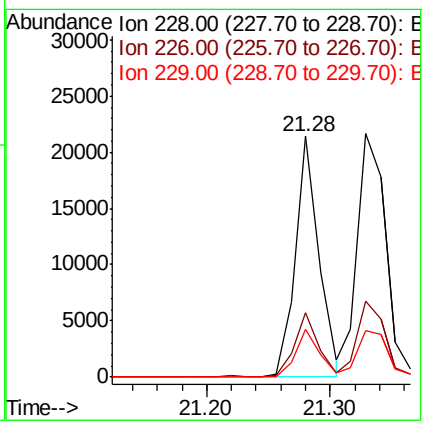


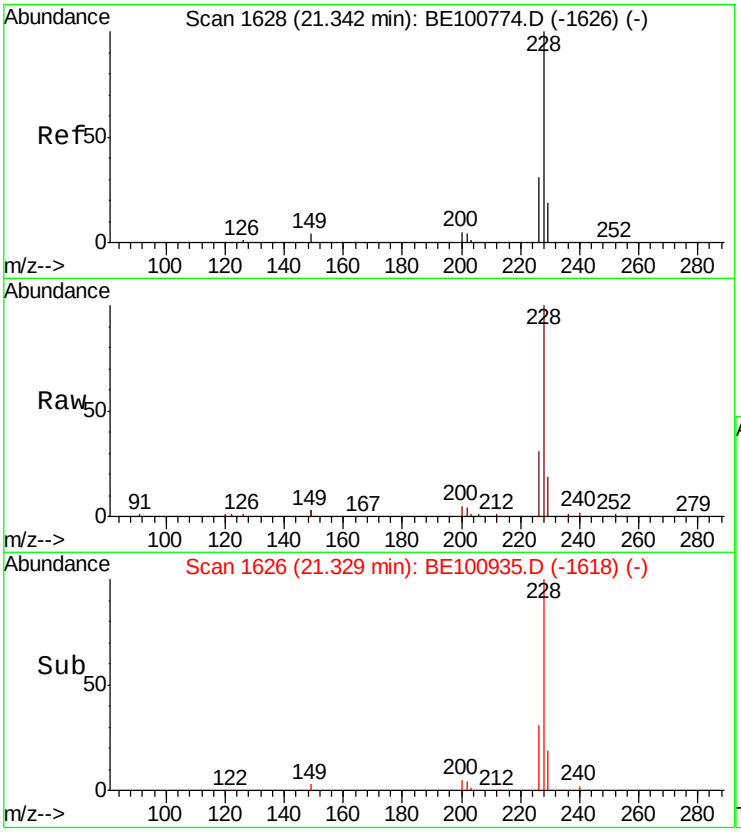


#30
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:228 Resp: 28135

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.4	32.0
229	19.9	15.8	23.6



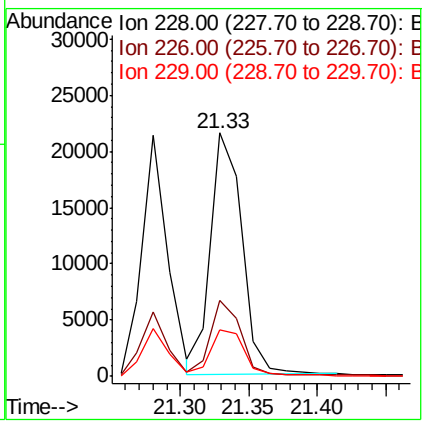


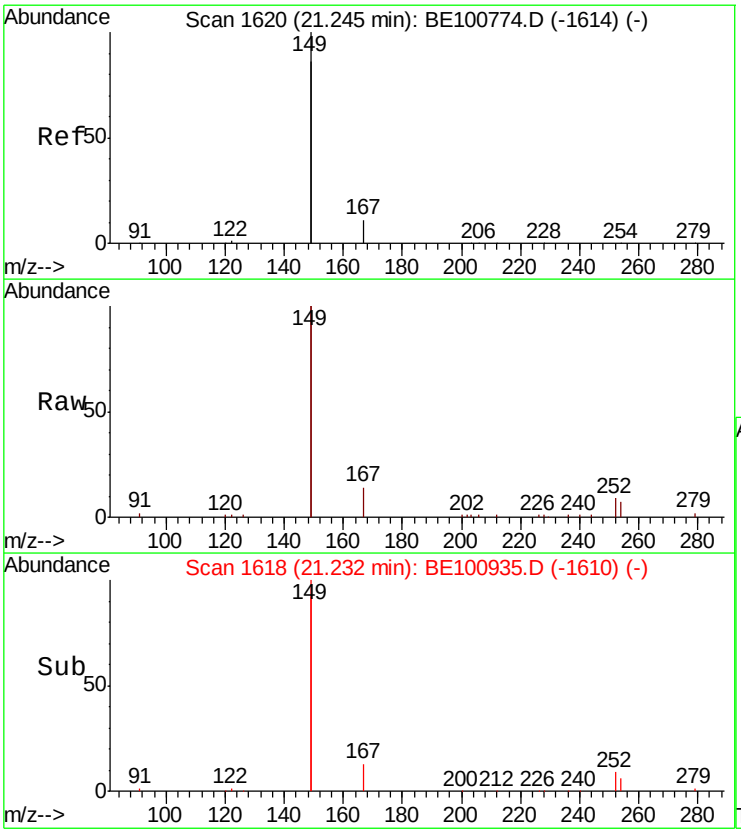
#31
Chrysene
Concen: 0.424 ng
RT: 21.33 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 34264

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	19.1	15.2	22.8

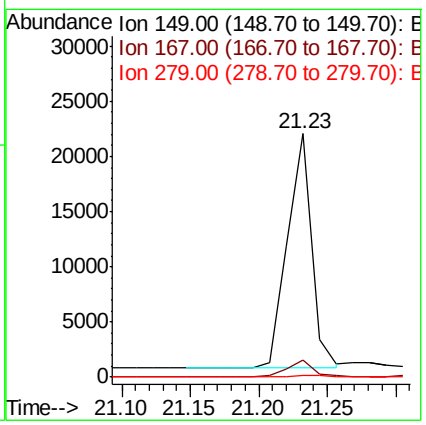


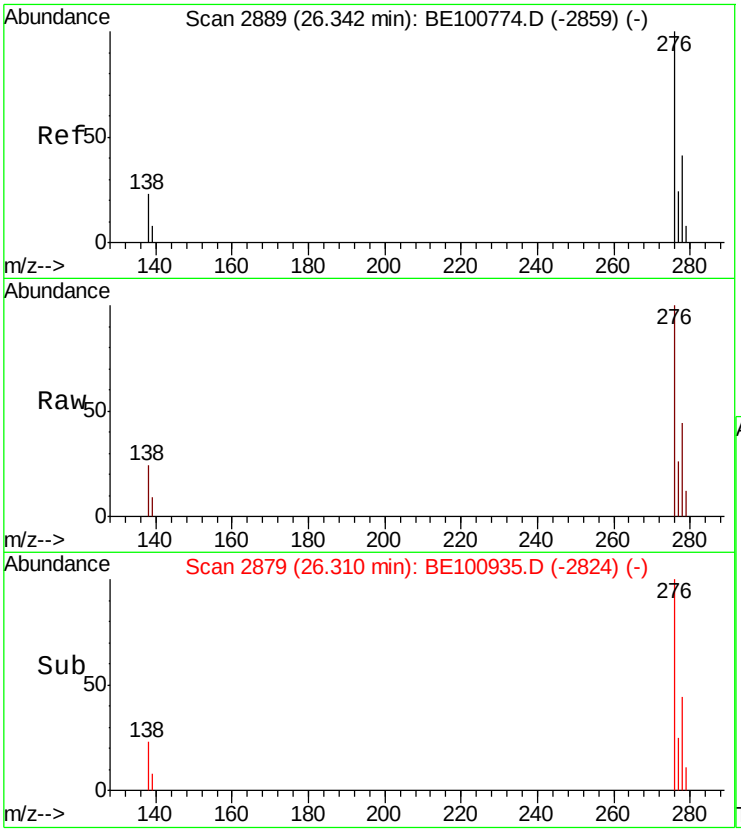


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.544 ng
RT: 21.23 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:149 Resp: 26325

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.0	7.4
279	1.0	0.6	1.0#



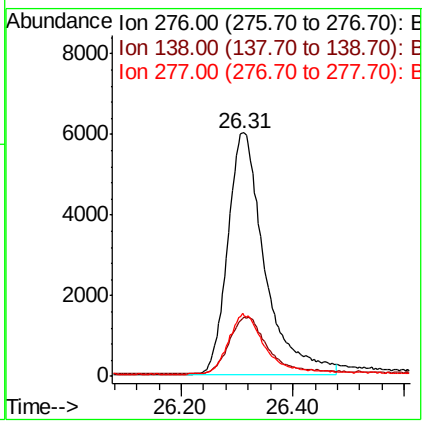


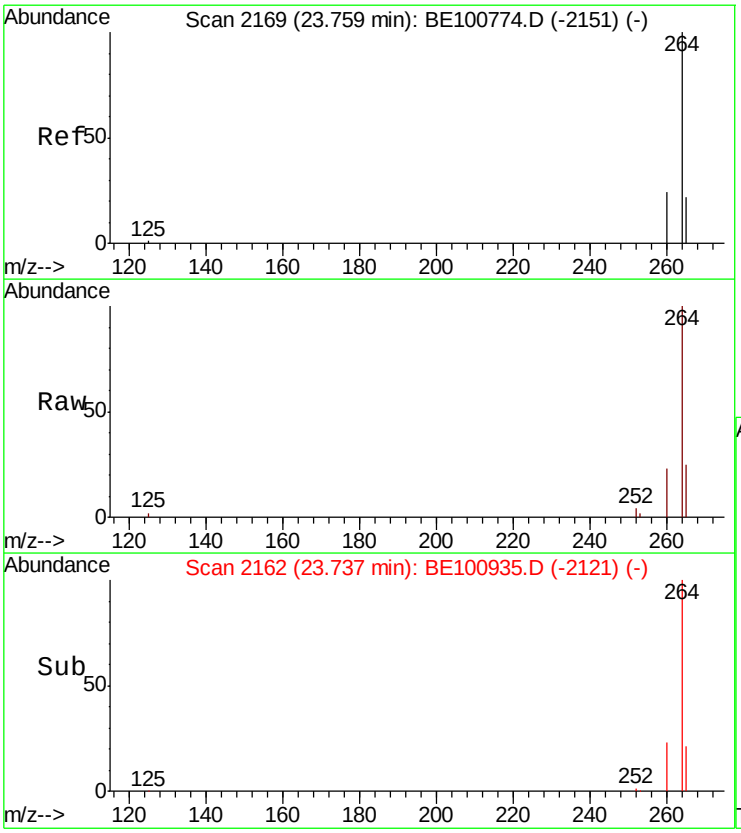
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.31 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 27621

Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.4	27.6
277	24.3	19.4	29.2

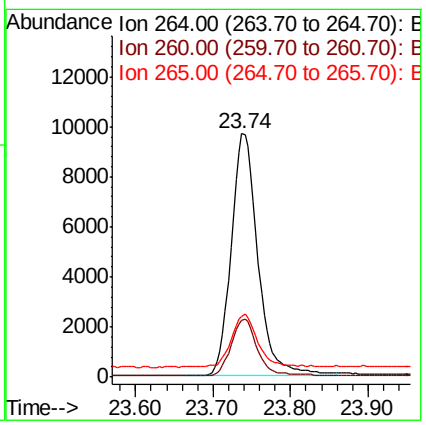


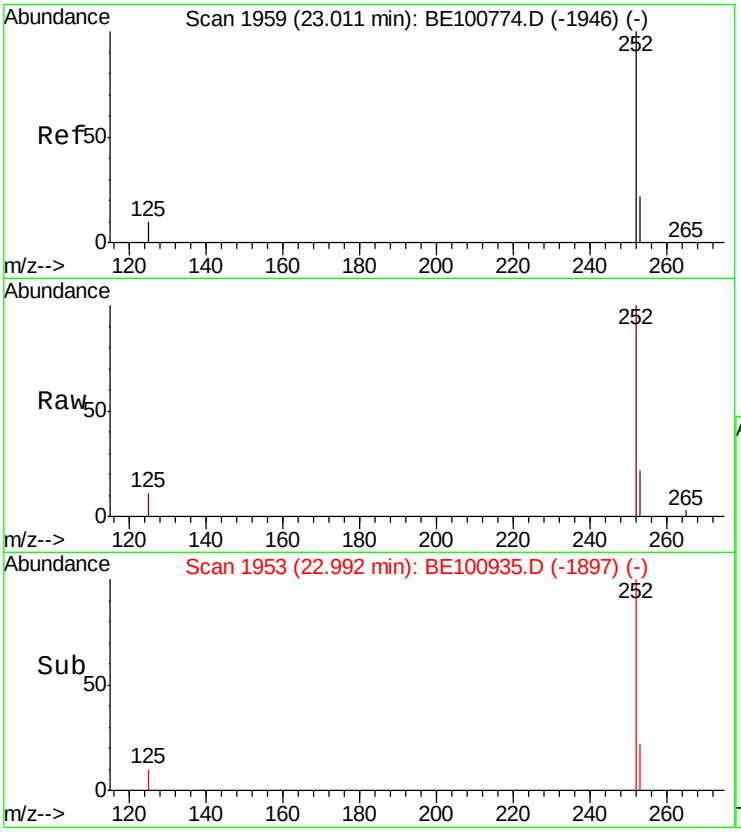


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:264 Resp: 23152

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	24.8	20.1	30.1



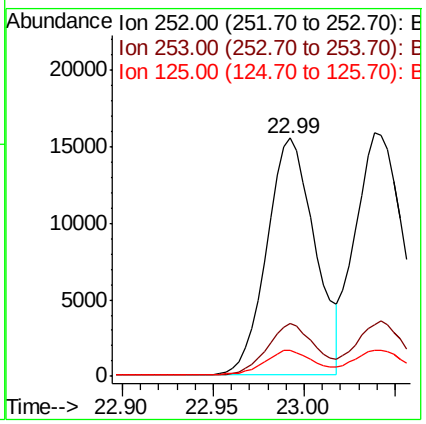


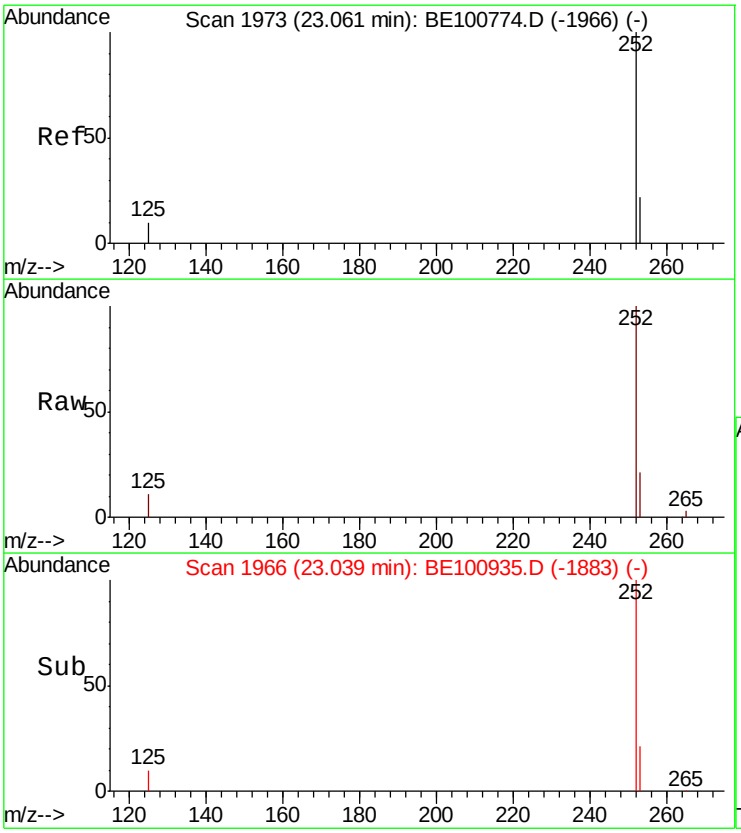
#35
Benzo(b)fluoranthene
Concen: 0.449 ng
RT: 22.99 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28461

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.9	8.3	12.5

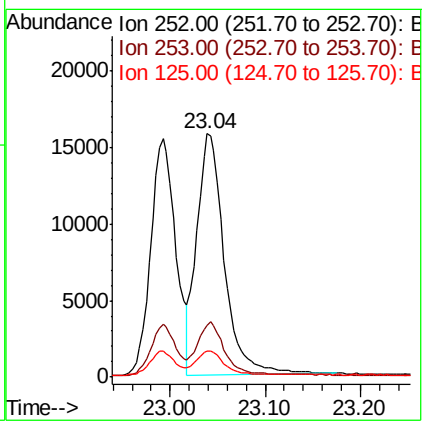


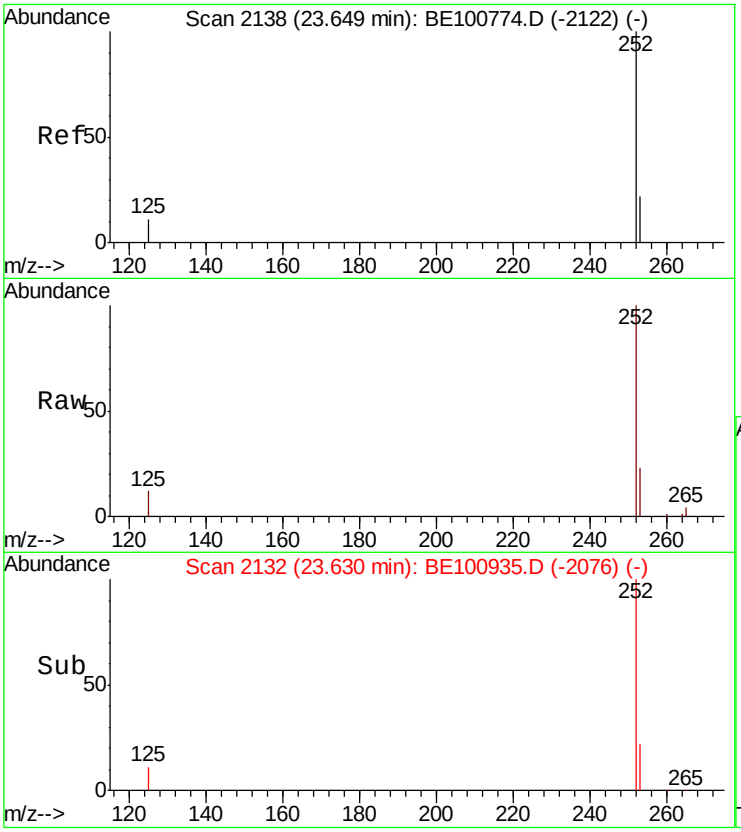


#36
Benzo(k)fluoranthene
Concen: 0.448 ng
RT: 23.04 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:252 Resp: 31816

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	10.9	9.4	14.0



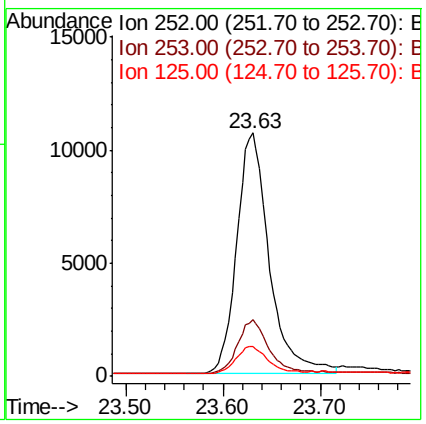


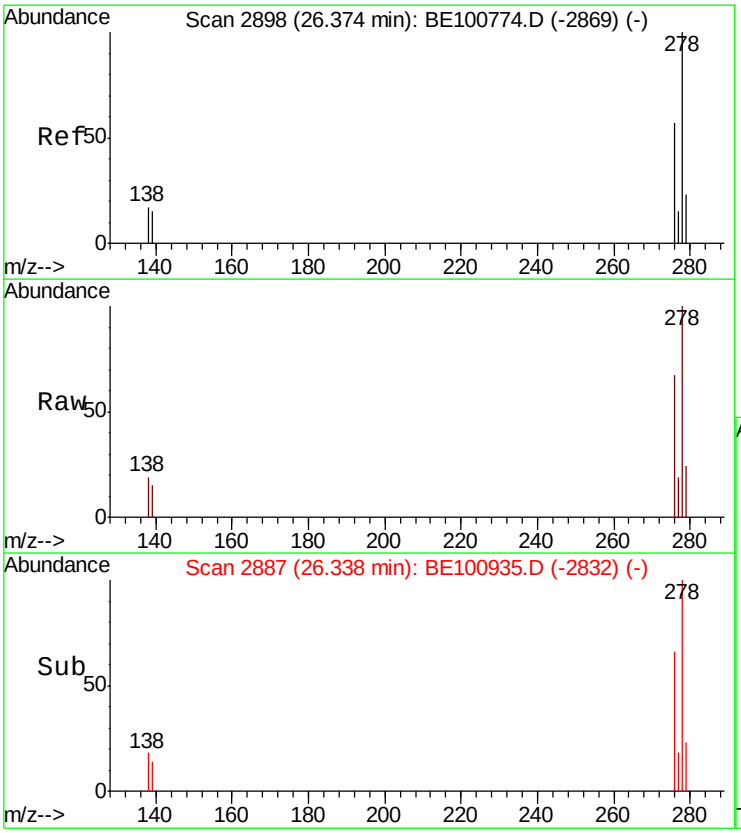
#37
Benzo(a)pyrene
Concen: 0.454 ng
RT: 23.63 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24908

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	12.1	9.9	14.9

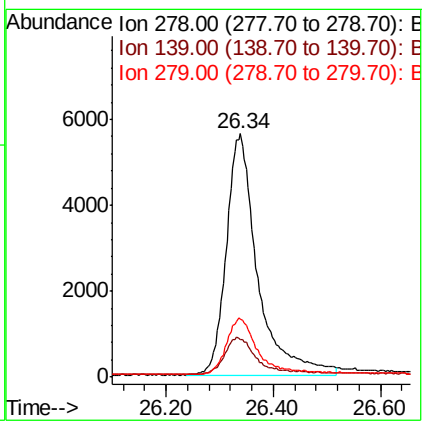


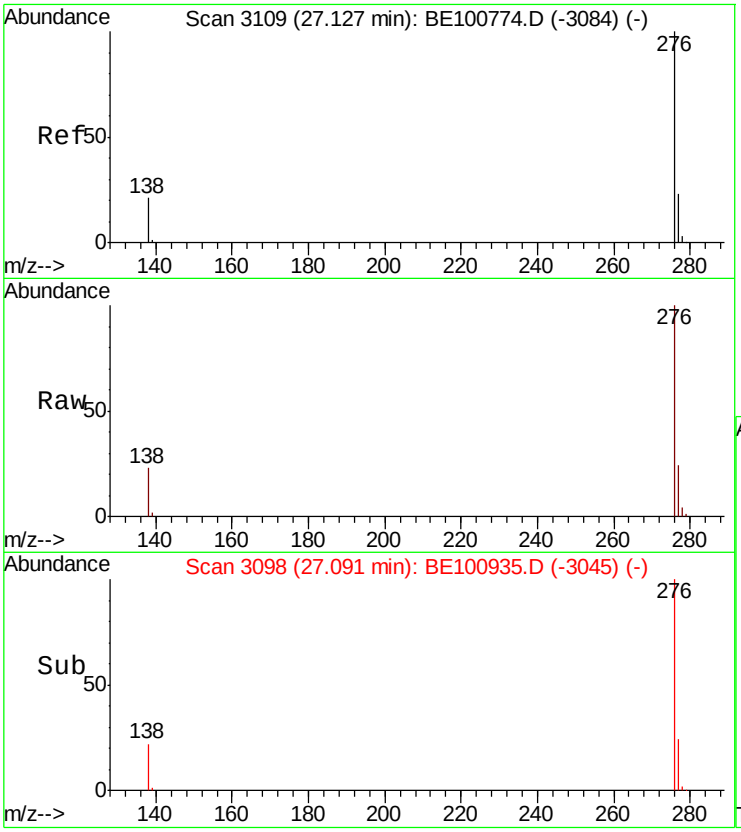


#38
Dibenzo(a,h)anthracene
Concen: 0.414 ng
RT: 26.34 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Tgt Ion:278 Resp: 22610

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.8	20.6
279	23.9	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.448 ng
RT: 27.09 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BE100935.D
Acq: 17 Dec 2019 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 26139

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.7	29.5
138	22.6	18.0	27.0