Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100760.D
Acq On : 22 Nov 2019 15:46
Operator : JU
Sample : K5969-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : HF-102SMS

Quant Time: Nov 22 16:51:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5573	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	23067	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	12274	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	27666	0.40	ng		0.00
27) Chrysene-d12	21.32	240	34782	0.40	ng		0.00
34) Perylene-d12	23.77	264	41113	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	2489	0.16	ng		0.00
5) Phenol-d6	6.93	99	3046	0.14	ng		0.00
8) Nitrobenzene-d5	8.90	82	4670	0.63	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	20168	0.60	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1115	0.64	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	18394	0.39	ng		0.00
25) Fluoranthene-d10	19.17	212	147202	0.43	ng		0.00
29) Terphenyl-d14	19.77	244	35620	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	32943	3.151	ng		98
3) n-Nitrosodimethylamine	3.65	42	1386	0.315	ng	#	59
6) bis(2-Chloroethyl)ether	7.19	93	7229	0.396	ng		97
9) Naphthalene	10.59	128	94834	0.387	ng		100
10) Hexachlorobutadiene	10.90	225	3219	0.342	ng		99
12) 2-Methylnaphthalene	12.21	142	14371	0.371	ng		97
16) Acenaphthylene	14.11	152	19159	0.363	ng		99
17) Acenaphthene	14.46	154	13505	0.381	ng		98
18) Fluorene	15.43	166	16280	0.360	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	4777	0.351	ng		86
21) Hexachlorobenzene	16.45	284	4624	0.325	ng		97
22) Pentachlorophenol	16.79	266	2625	1.127	ng		95
23) Phenanthrene	17.17	178	30523	0.366	ng		99
24) Anthracene	17.27	178	27240	0.379	ng		99
26) Fluoranthene	19.20	202	42129	0.413	ng		99
28) Pyrene	19.56	202	44712	0.415	ng		99
30) Benzo(a)anthracene	21.29	228	47868	0.408	ng		97
31) Chrysene	21.35	228	44835	0.376	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	187262	1.167	ng		98
33) Indeno(1,2,3-cd)pyrene	26.35	276	40049	0.366	ng		99
35) Benzo(b)fluoranthene	23.02	252	42326	0.328	ng		99
36) Benzo(k)fluoranthene	23.07	252	44523	0.331	ng		98
37) Benzo(a)pyrene	23.65	252	39423	0.347	ng		100
38) Dibenzo(a,h)anthracene	26.38	278	32348	0.270	ng		98
39) Benzo(g,h,i)perylene	27.14	276	35360	0.316	ng		99

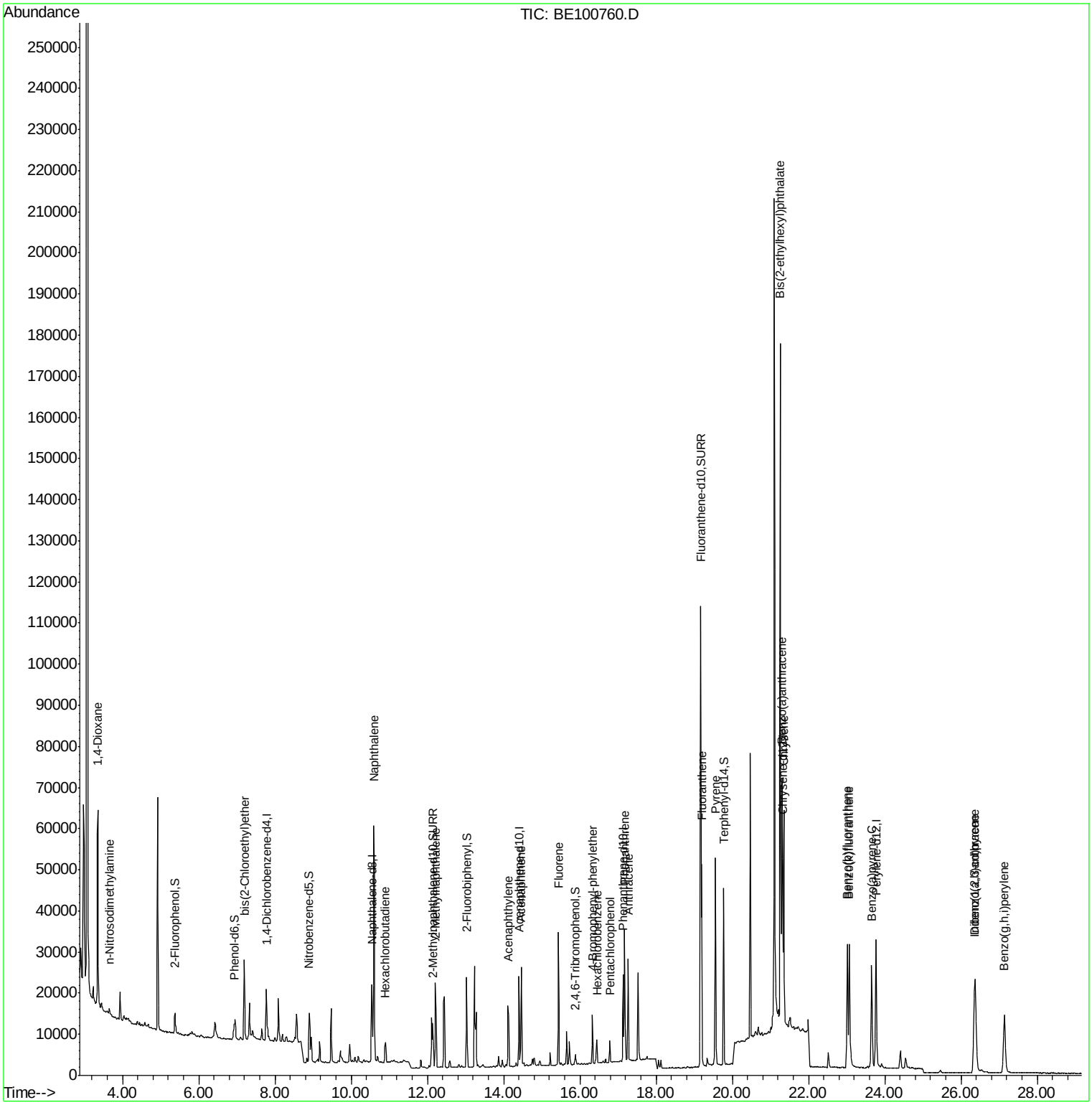
(#) = qualifier out of range (m) = manual integration (+) = signals summed

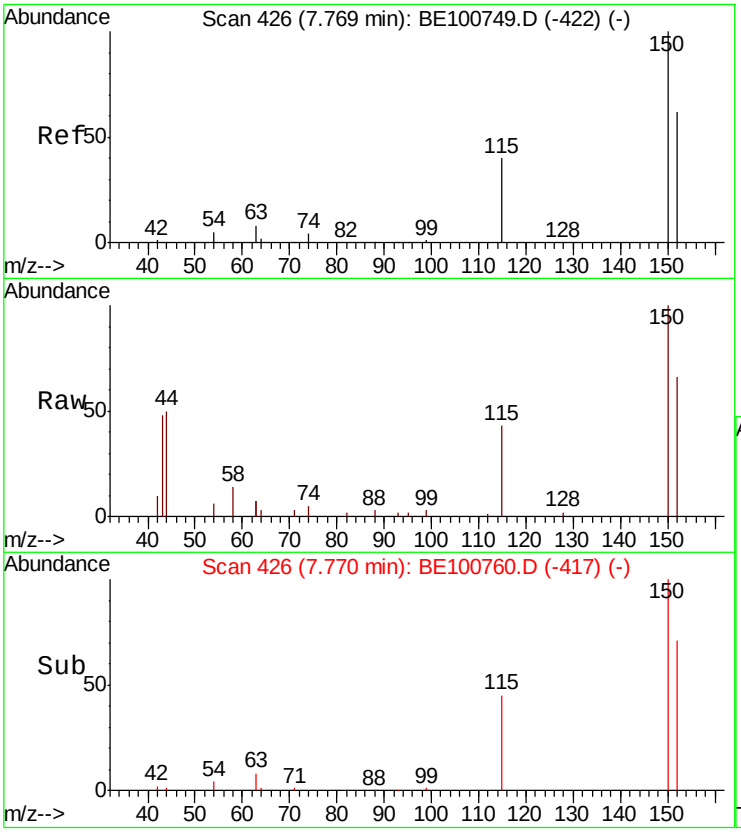
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100760.D
Acq On : 22 Nov 2019 15:46
Operator : JU
Sample : K5969-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : HF-102SMS

Quant Time: Nov 22 16:51:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration



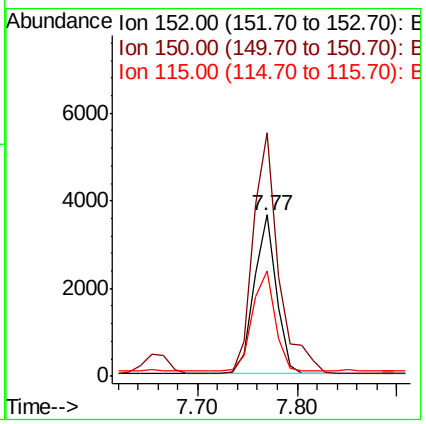


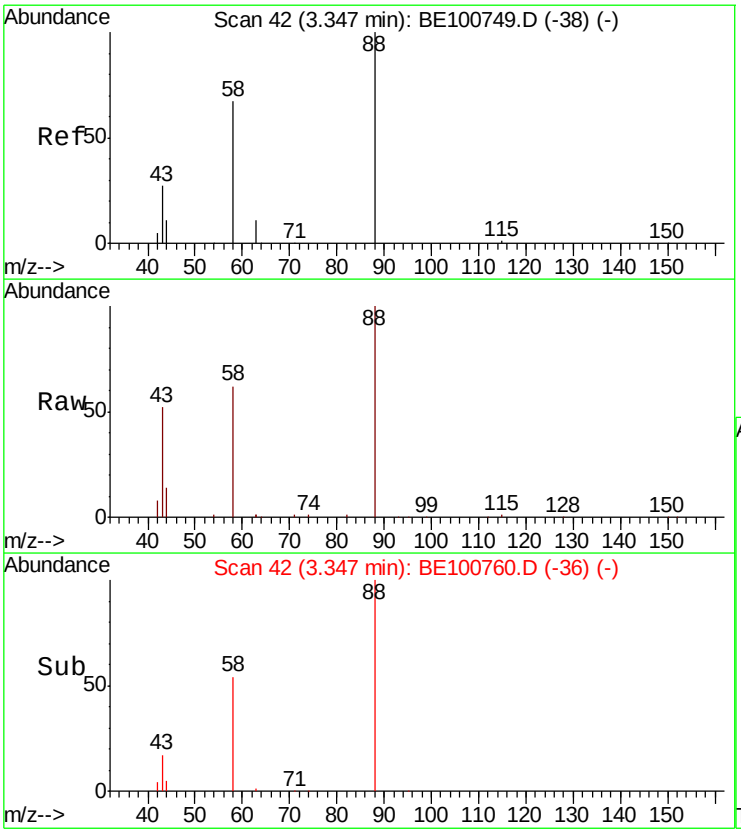
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:152 Resp: 5573

Ion	Ratio	Lower	Upper
152	100		
150	151.0	127.1	190.7
115	65.3	53.0	79.4

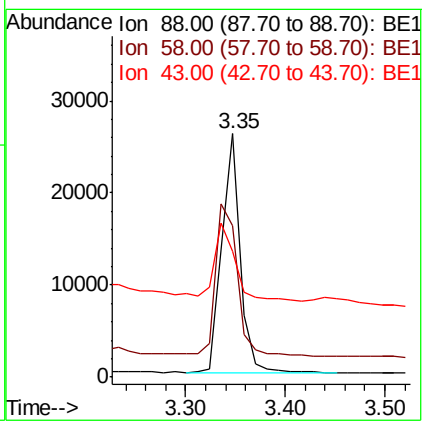


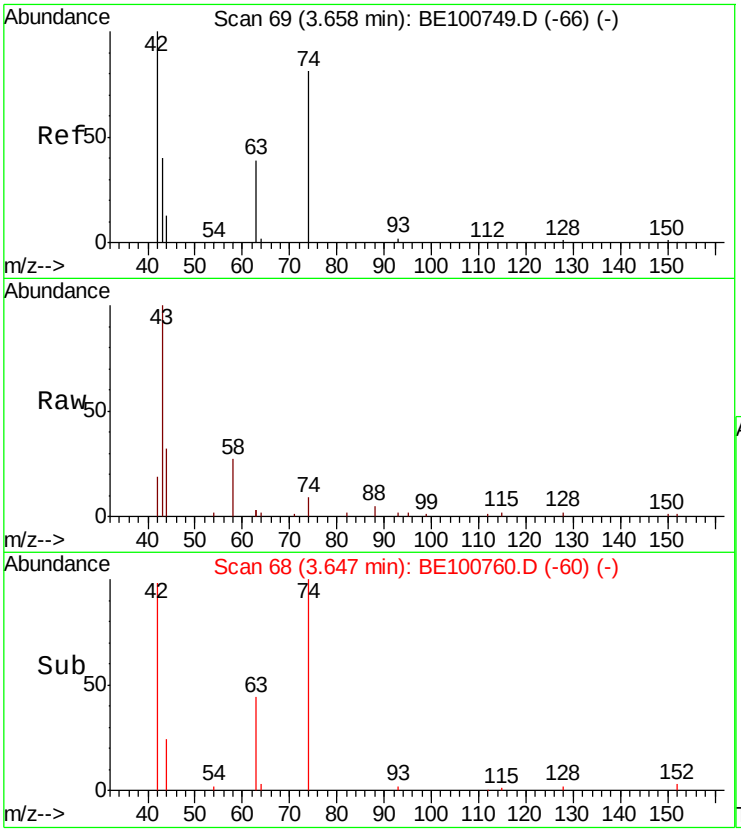


#2
1,4-Dioxane
Concen: 3.151 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion: 88 Resp: 32943

Ion	Ratio	Lower	Upper
88	100		
58	74.7	60.7	91.1
43	37.1	27.4	41.2



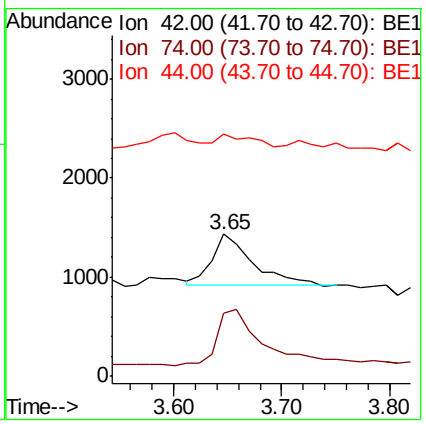


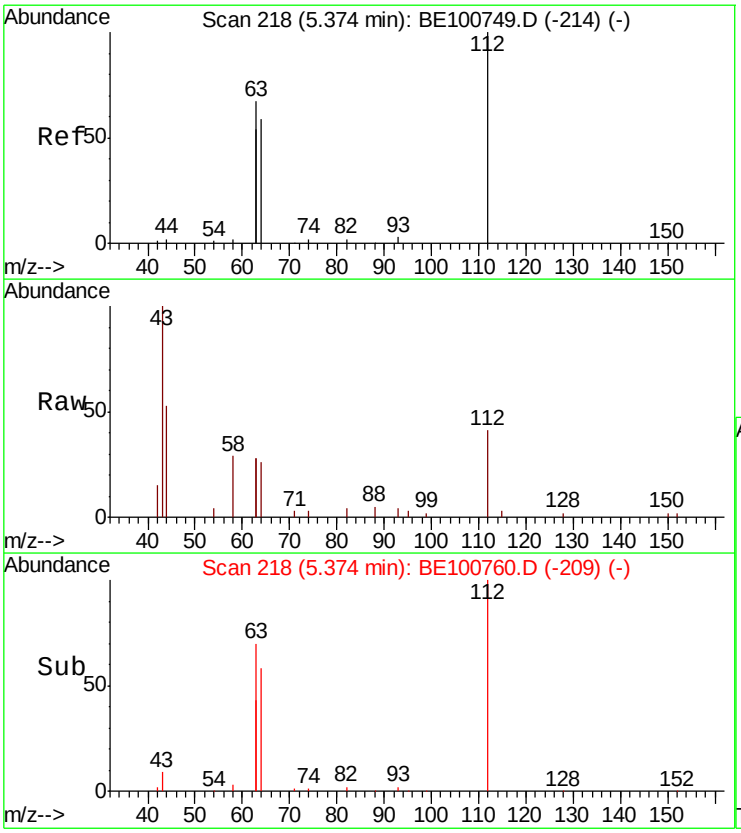
#3
n-Nitrosodimethylamine
Concen: 0.315 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion: 42 Resp: 1386

Ion	Ratio	Lower	Upper
42	100		
74	121.1	0.0	0.0#
44	19.1	4.2	6.4#

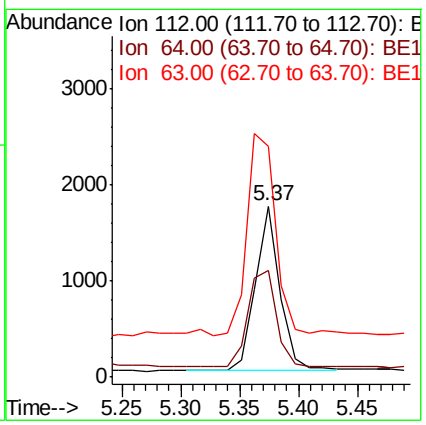


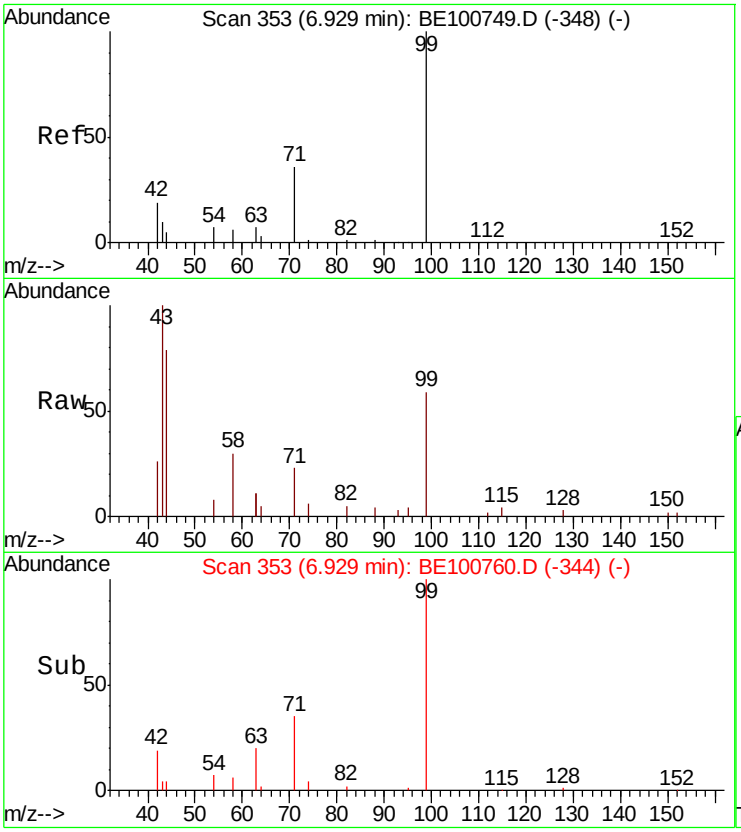


#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:112 Resp: 2489

Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.3	81.5
63	139.6	114.0	171.0



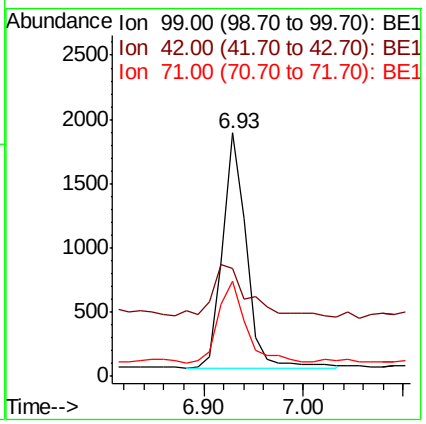


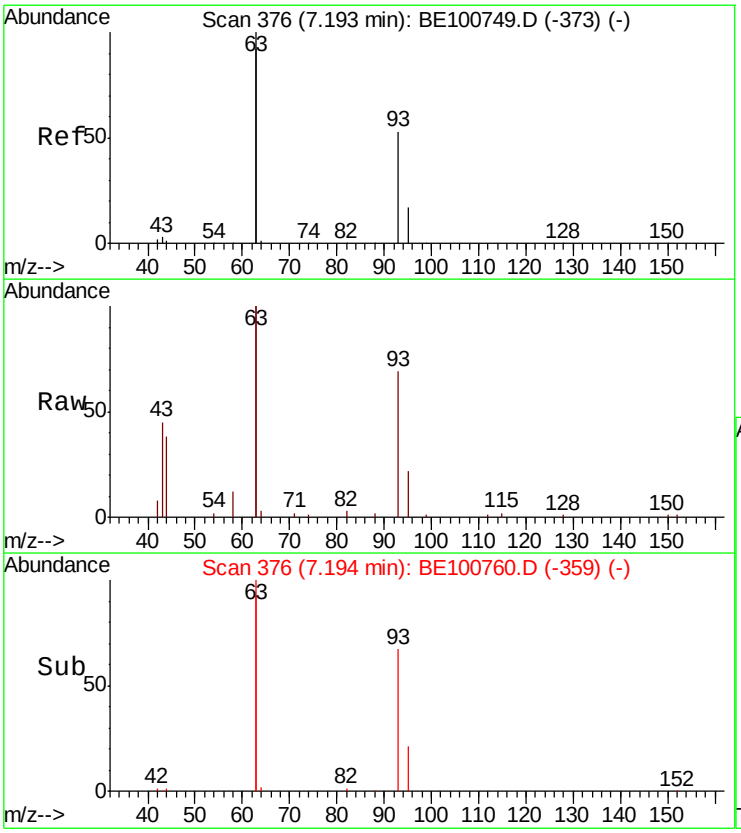
#5
Phenol-d6
Concen: 0.139 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion: 99 Resp: 3046

Ion	Ratio	Lower	Upper
99	100		
42	29.2	17.9	26.9#
71	39.7	29.3	43.9

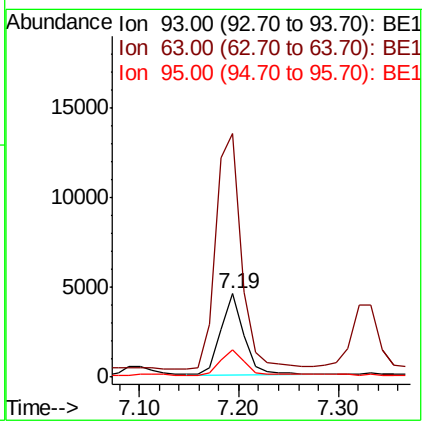


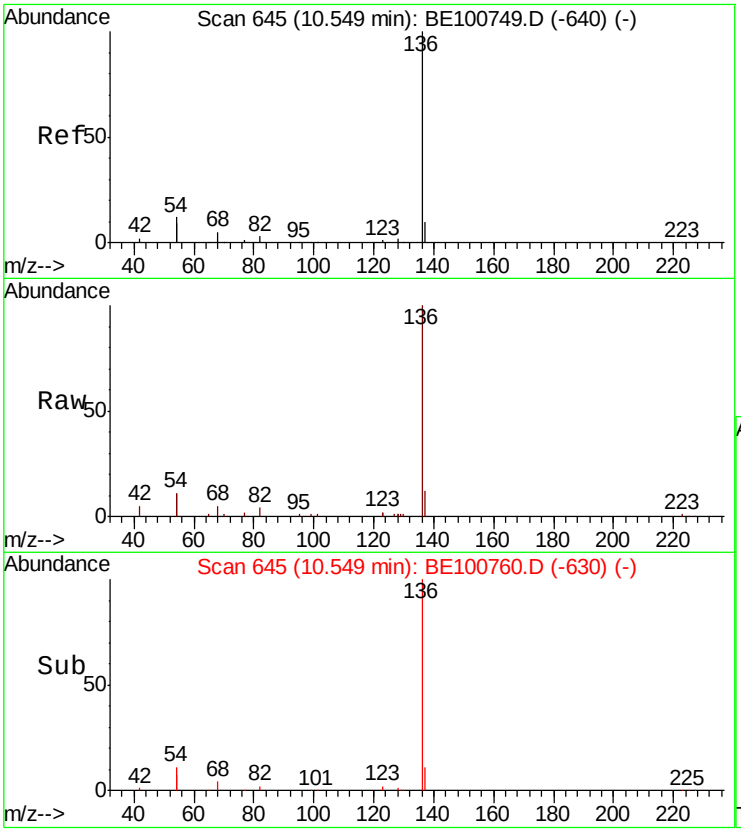


#6
bis(2-Chloroethyl)ether
Concen: 0.396 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion: 93 Resp: 7229

Ion	Ratio	Lower	Upper
93	100		
63	326.8	267.0	400.6
95	32.3	26.2	39.4



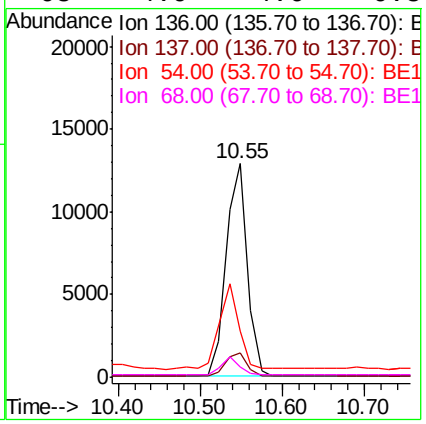


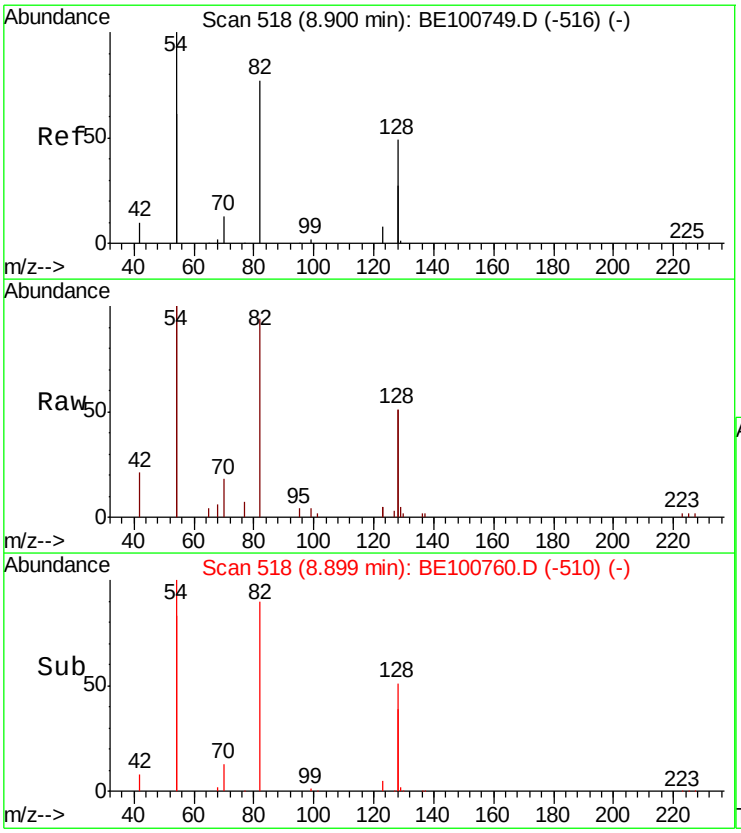
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:136 Resp: 23067

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	21.7	19.4	29.0
68	4.9	4.6	6.8

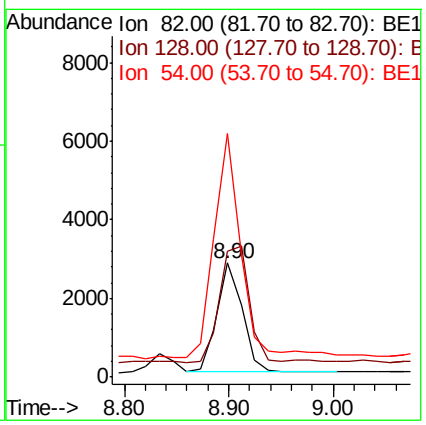


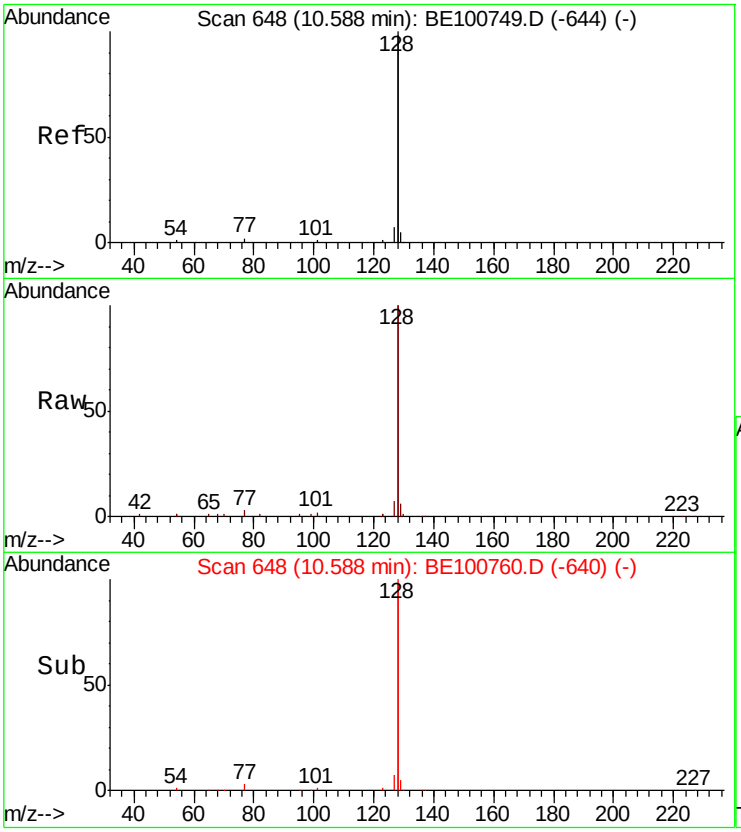


#8
Nitrobenzene-d5
Concen: 0.632 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion: 82 Resp: 4670

Ion	Ratio	Lower	Upper
82	100		
128	109.7	90.2	135.4
54	213.1	186.0	279.0



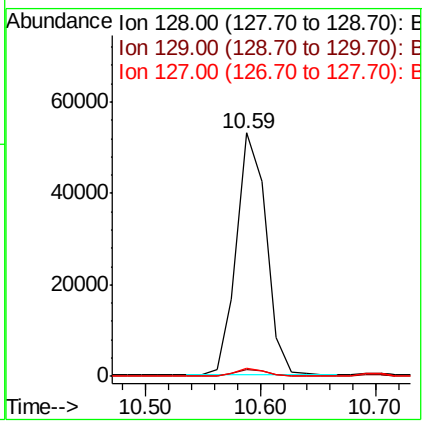


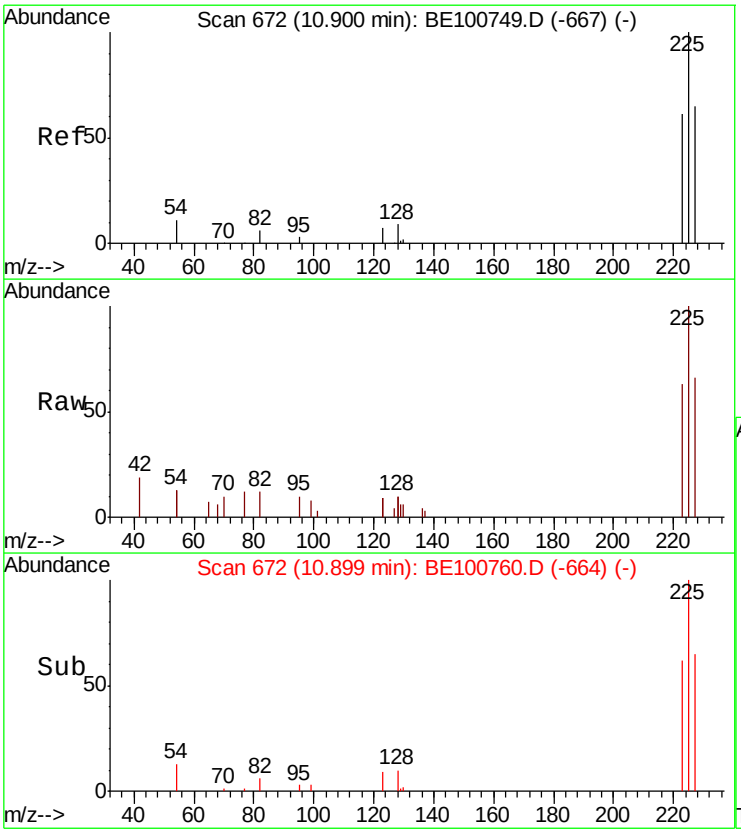
#9
Naphthalene
Concen: 0.387 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:128 Resp: 94834

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.5	2.7	4.1

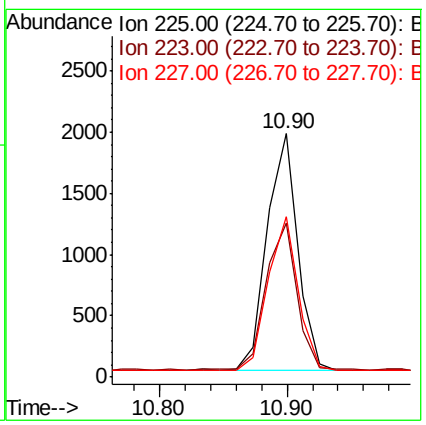


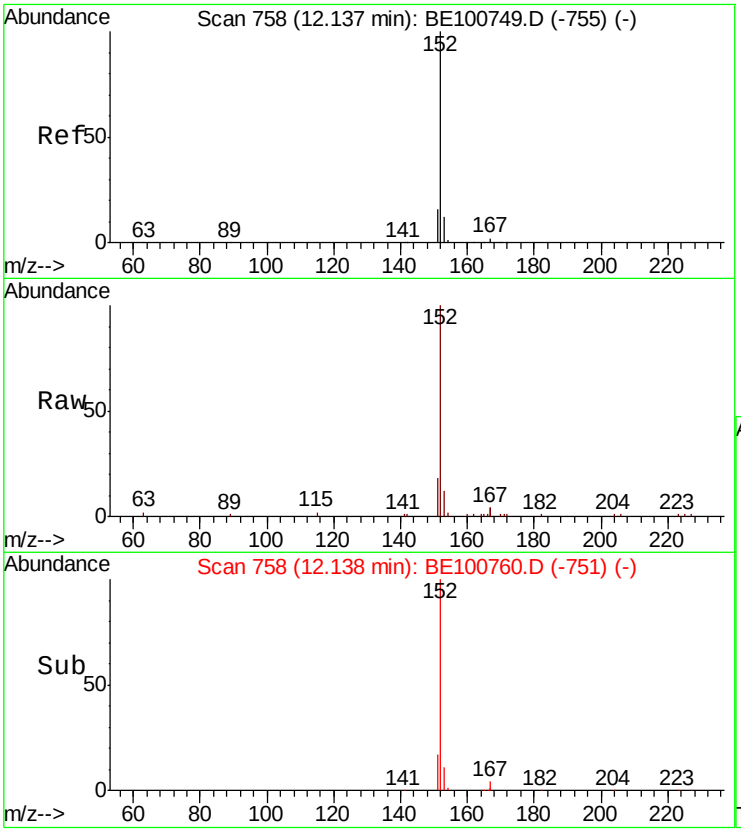


#10
Hexachlorobutadiene
Concen: 0.342 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:225 Resp: 3219

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	64.2	52.0	78.0



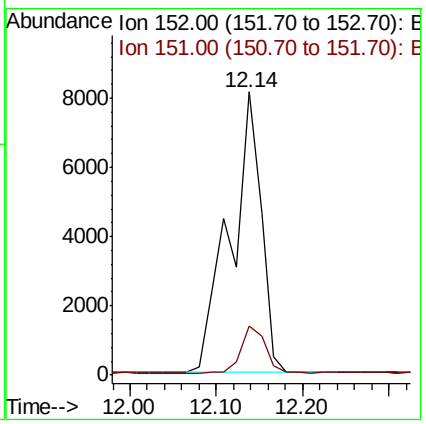


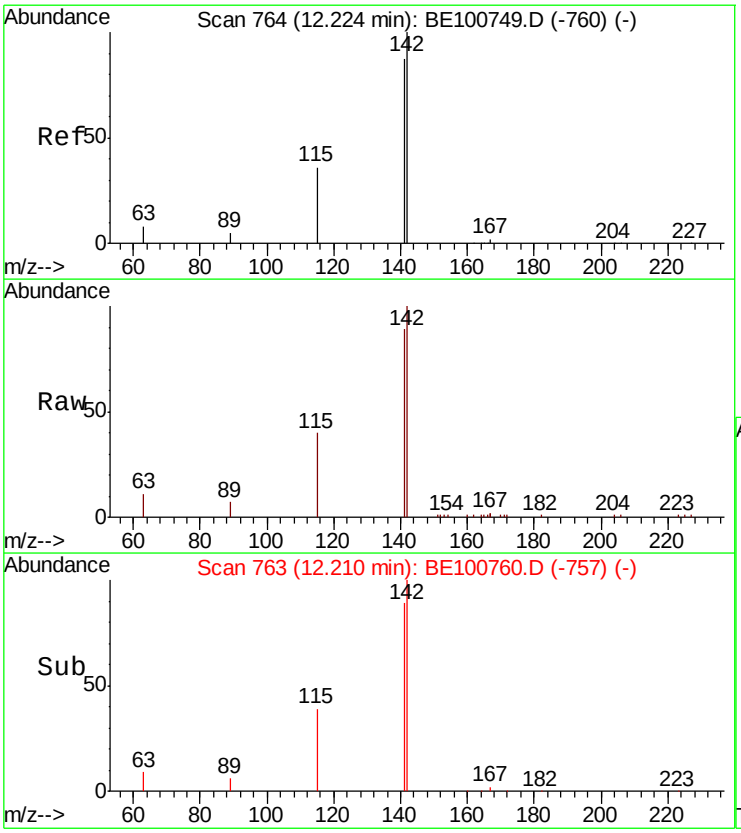
#11
2-Methylnaphthalene-d10
Concen: 0.596 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:152 Resp: 20168

Ion	Ratio	Lower	Upper
152	100		
151	13.2	15.8	23.8#

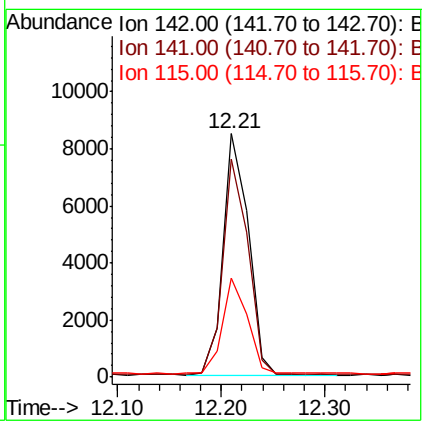


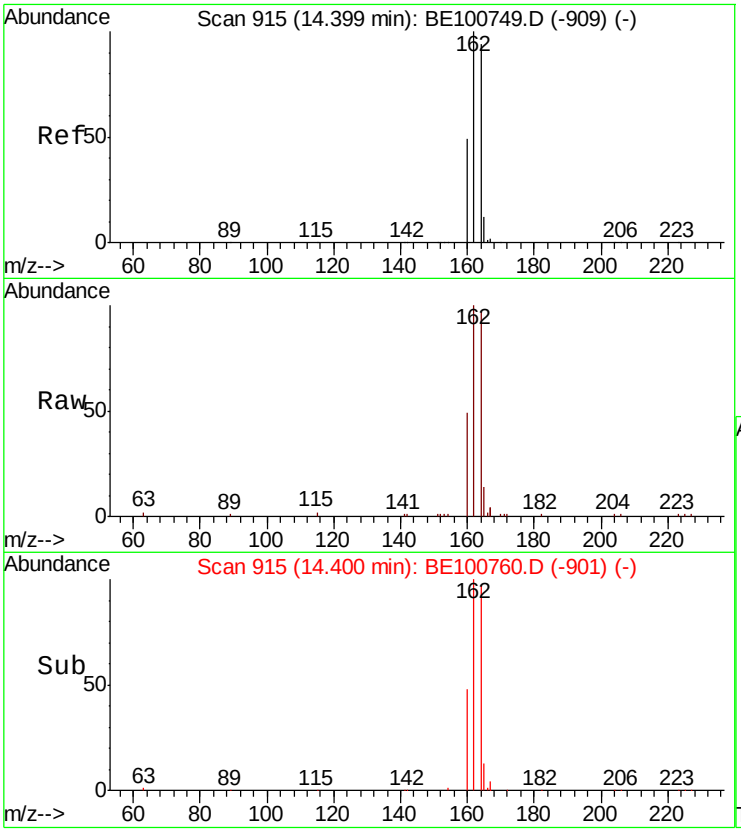


#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:142 Resp: 14371

Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.9	104.9
115	40.5	29.5	44.3



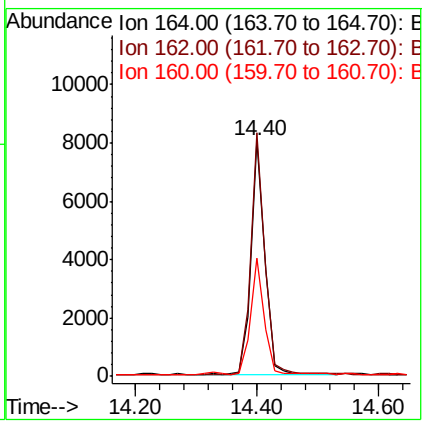


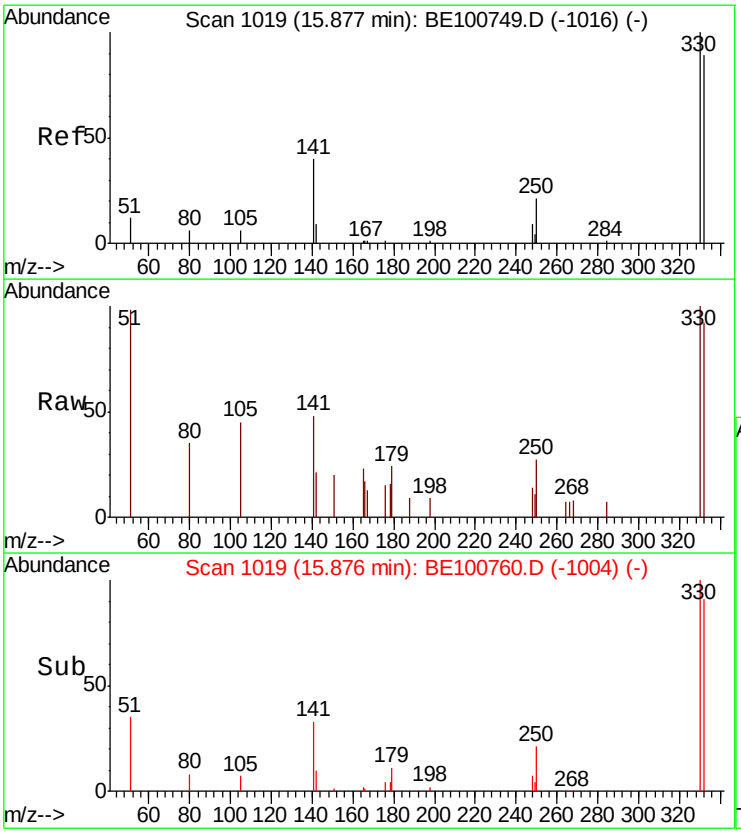
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:164 Resp: 12274

Ion	Ratio	Lower	Upper
164	100		
162	103.4	84.8	127.2
160	50.1	42.3	63.5

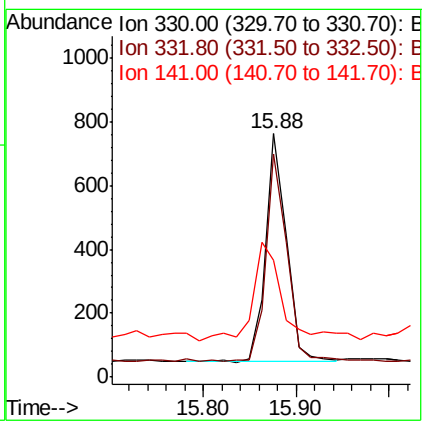


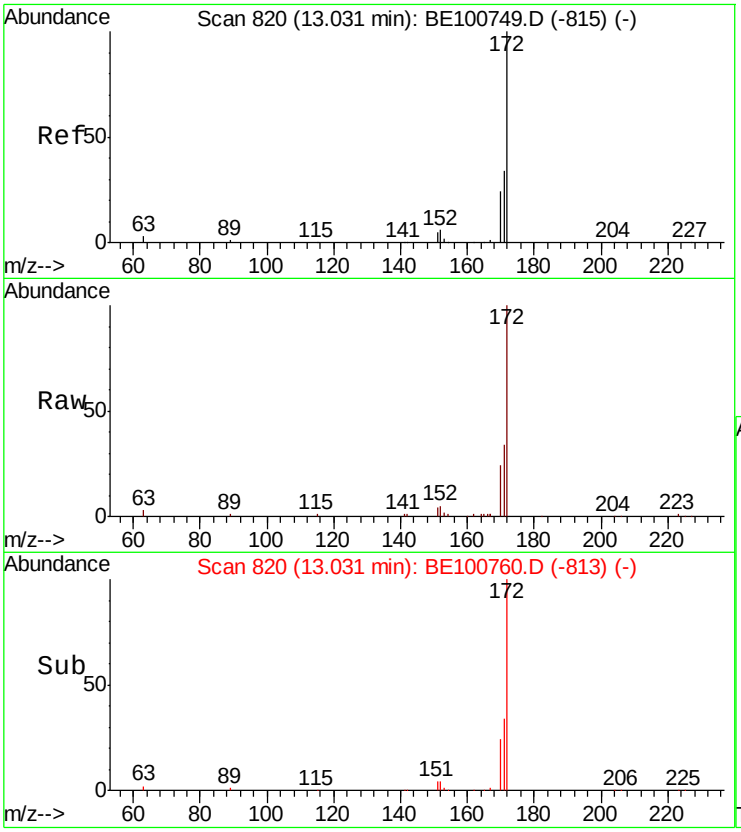


#14
2,4,6-Tribromophenol
Concen: 0.644 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:330 Resp: 1115

Ion	Ratio	Lower	Upper
330	100		
332	92.1	79.3	118.9
141	63.1	43.8	65.6



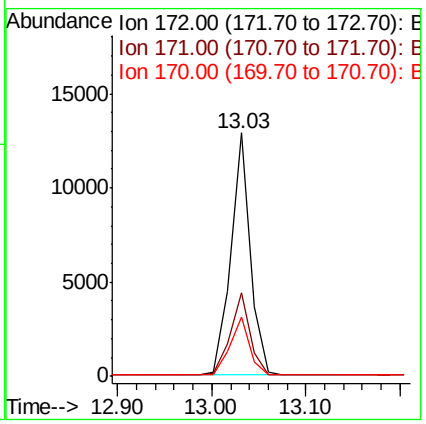


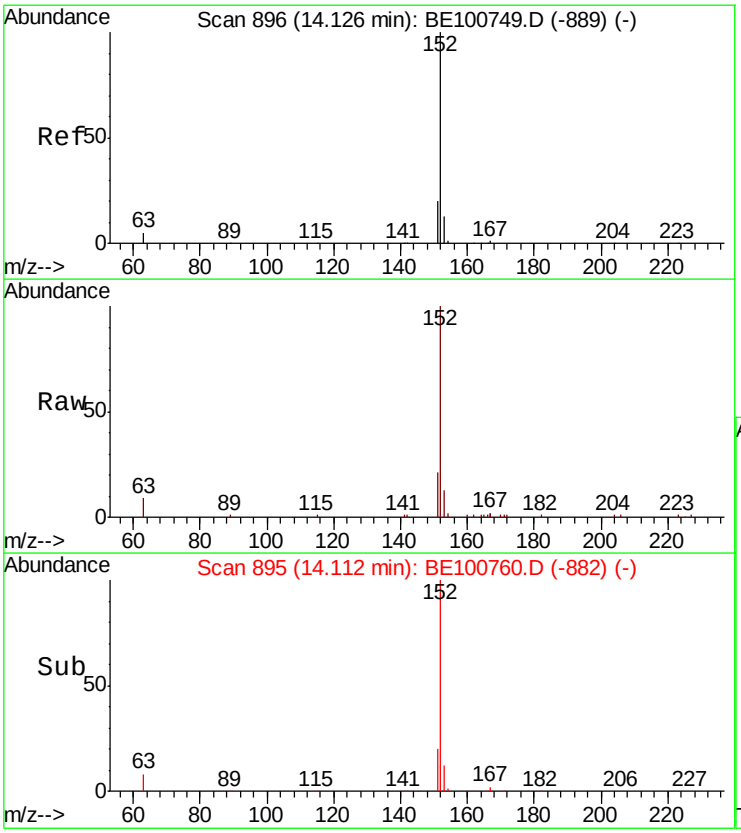
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:172 Resp: 18394

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	24.2	19.4	29.2

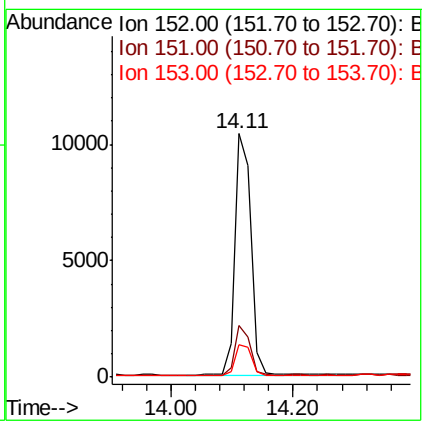


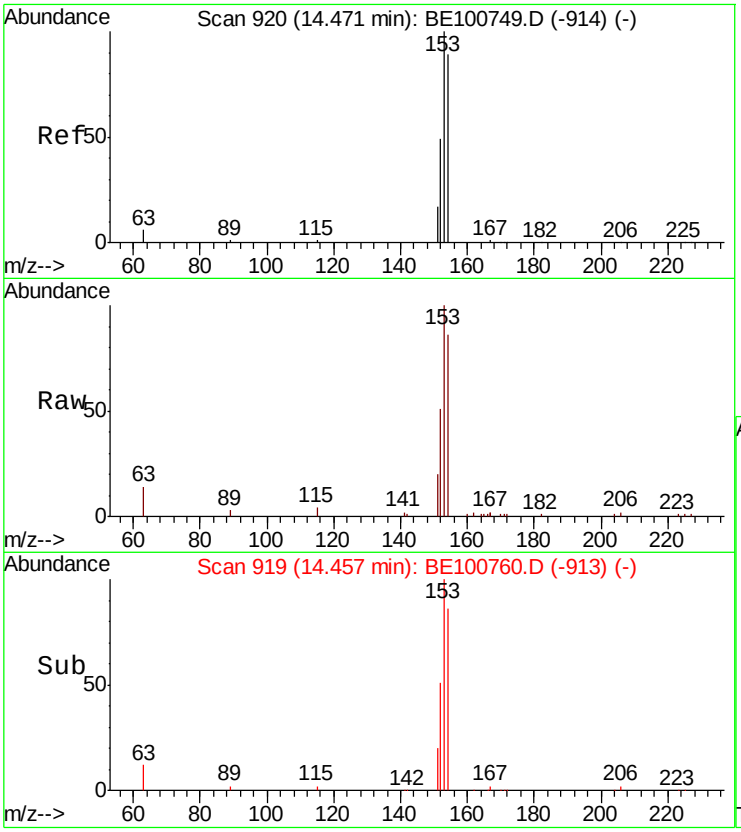


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:152 Resp: 19159

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.4	10.6	15.8



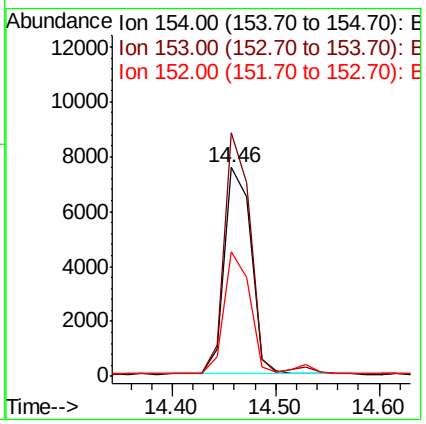


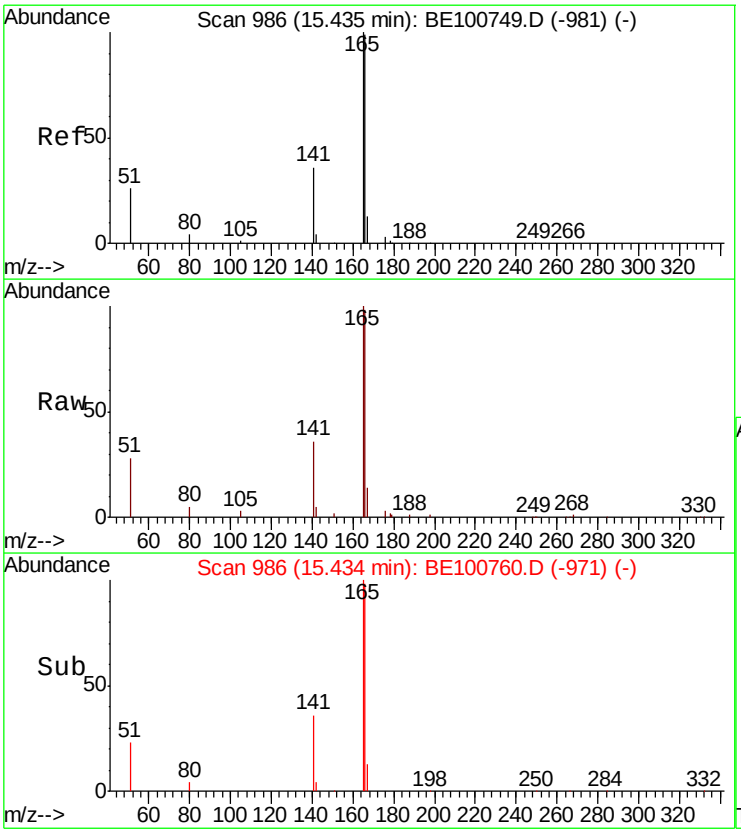
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:154 Resp: 13505

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.6	137.4
152	57.2	47.0	70.6

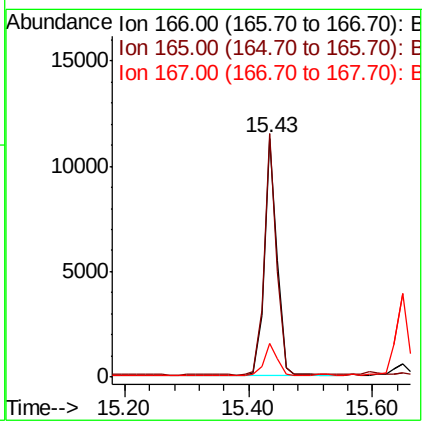


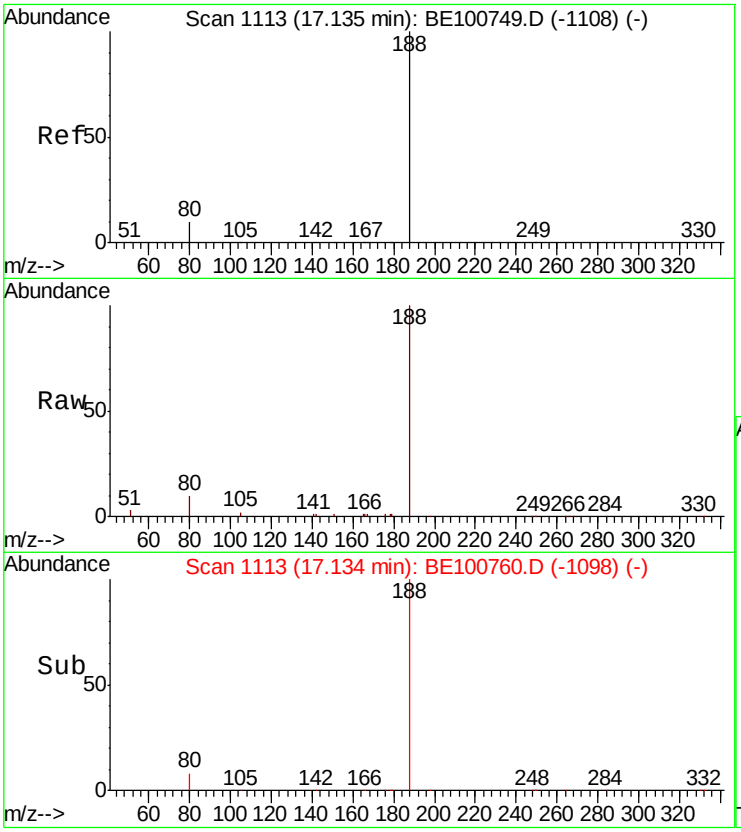


#18
Fluorene
Concen: 0.360 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:166 Resp: 16280

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.2	120.4
167	14.4	11.0	16.4



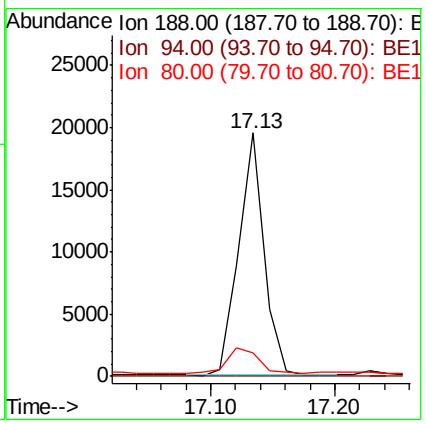


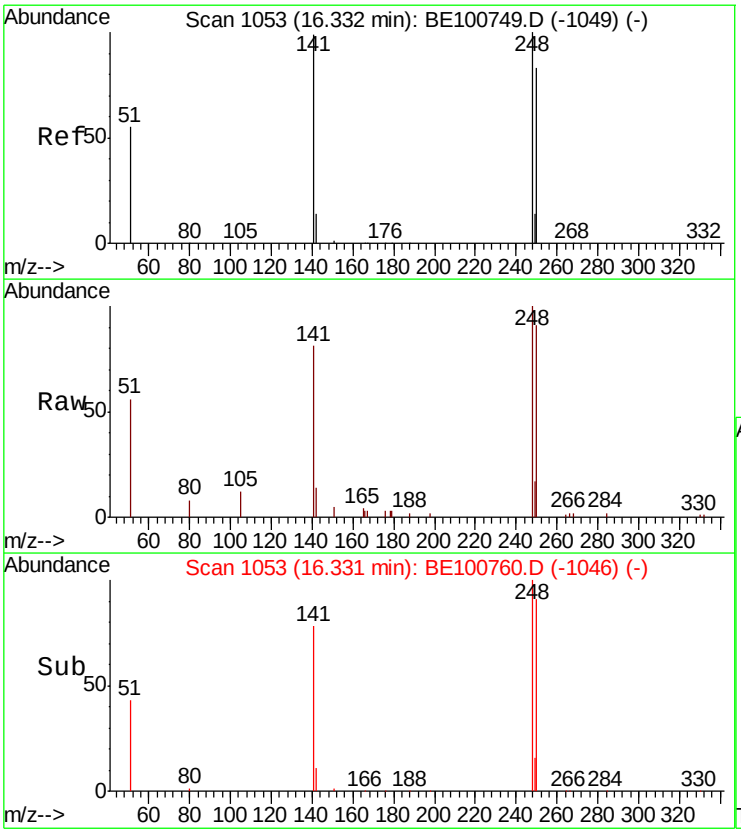
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:188 Resp: 27666

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	8.2	12.2

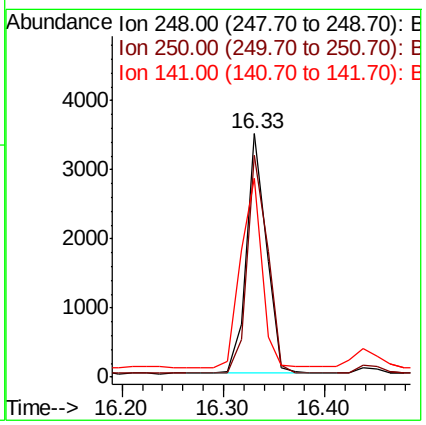


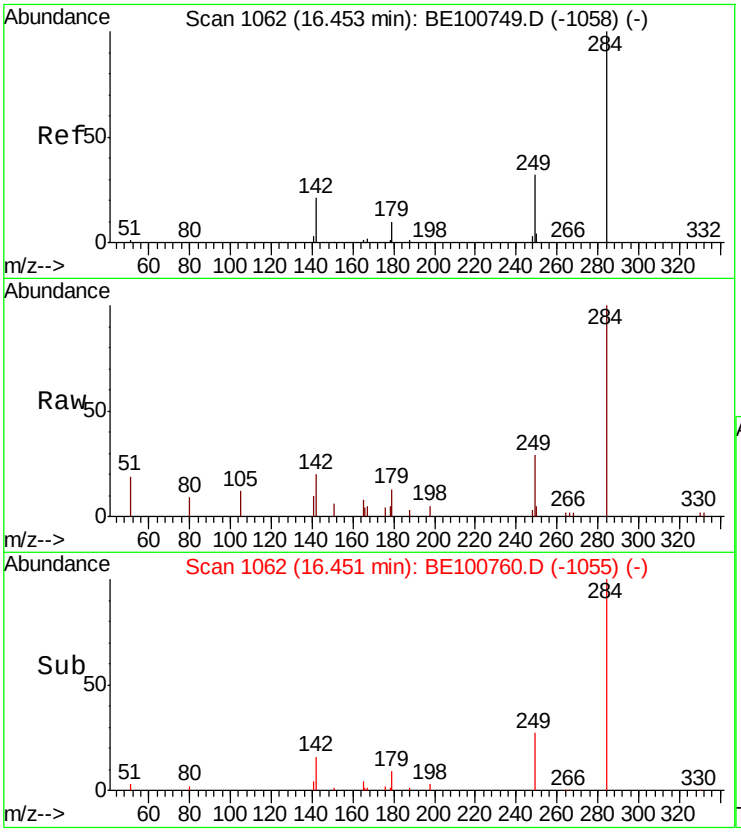


#20
4-Bromophenyl-phenylether
Concen: 0.351 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:248 Resp: 4777

Ion	Ratio	Lower	Upper
248	100		
250	91.0	66.3	99.5
141	81.4	79.6	119.4



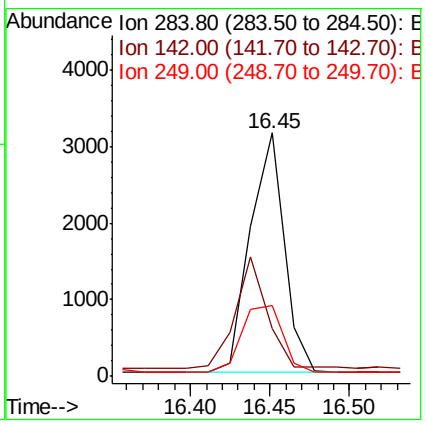


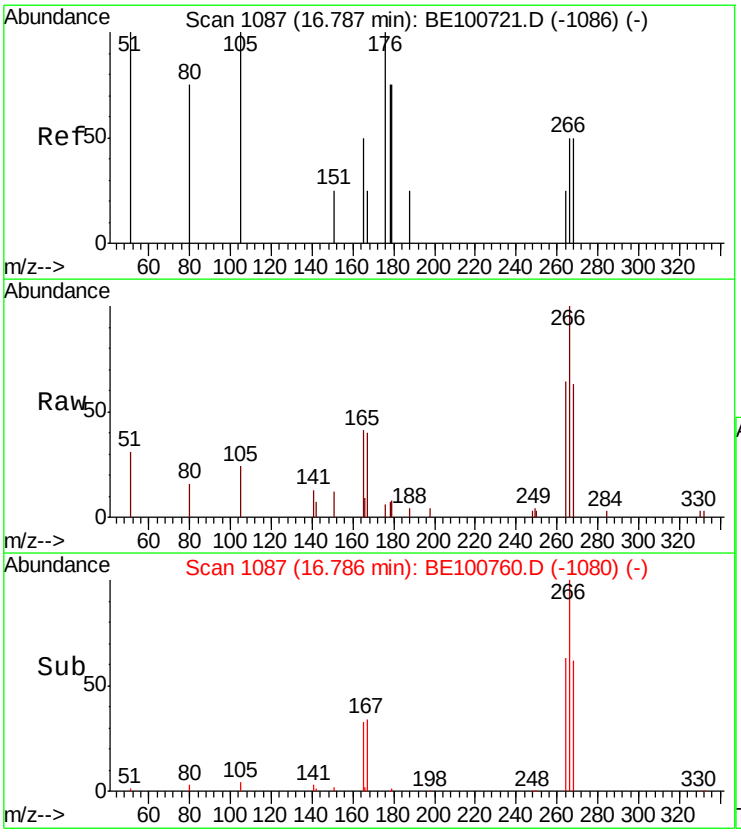
#21
Hexachlorobenzene
Concen: 0.325 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:284 Resp: 4624

Ion	Ratio	Lower	Upper
284	100		
142	43.2	34.9	52.3
249	33.1	28.7	43.1

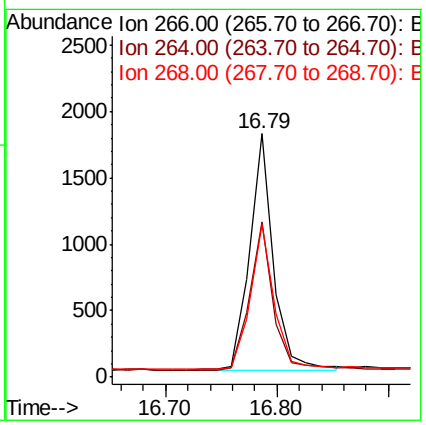


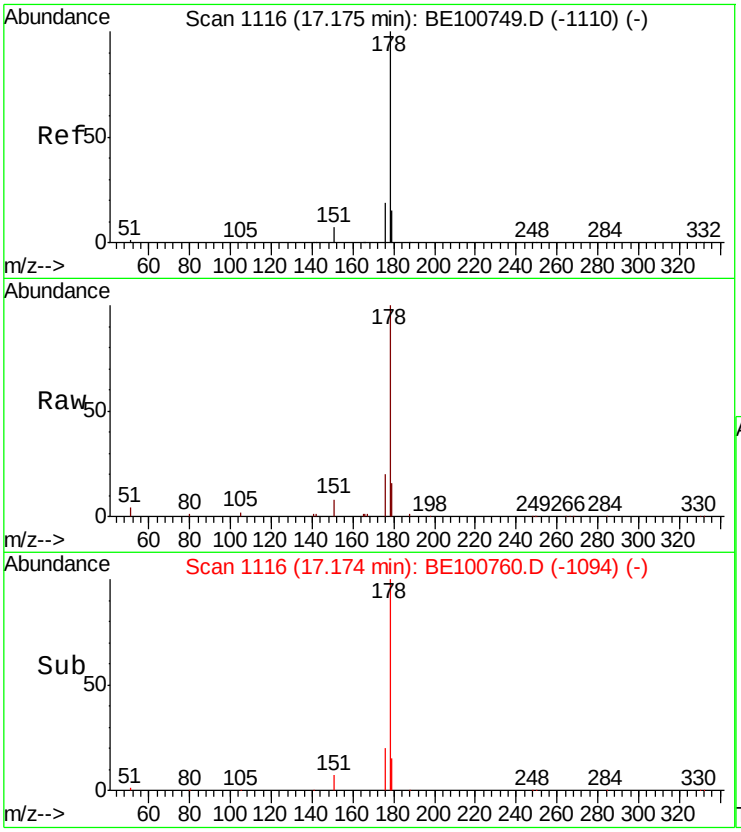


#22
Pentachlorophenol
Concen: 1.127 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:266 Resp: 2625

Ion	Ratio	Lower	Upper
266	100		
264	63.8	54.6	82.0
268	63.0	52.6	78.8



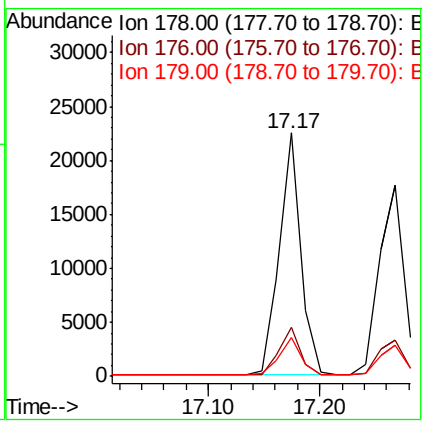


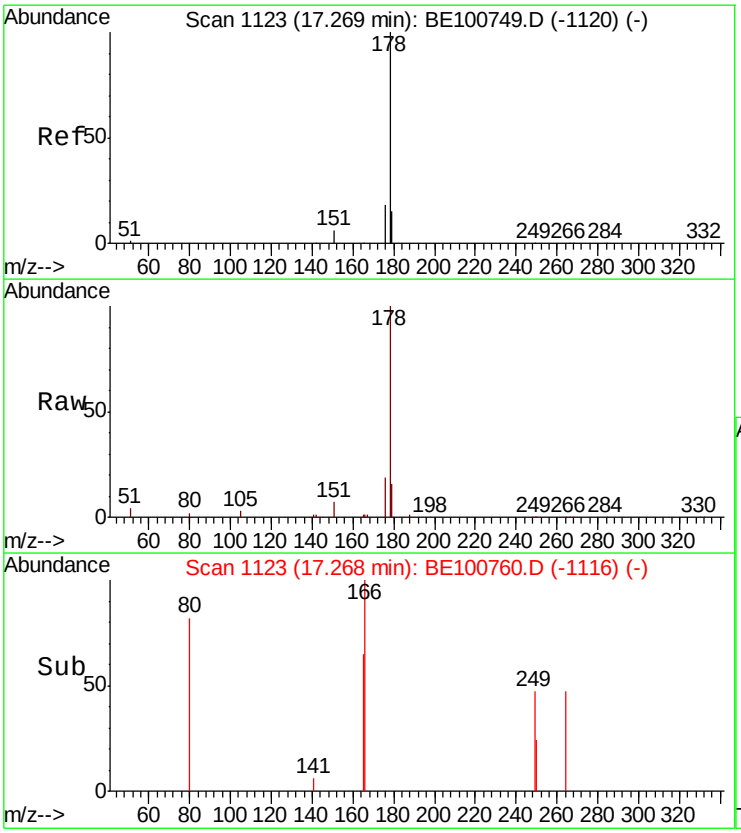
#23
Phenanthrene
Concen: 0.366 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:178 Resp: 30523

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.5	12.5	18.7

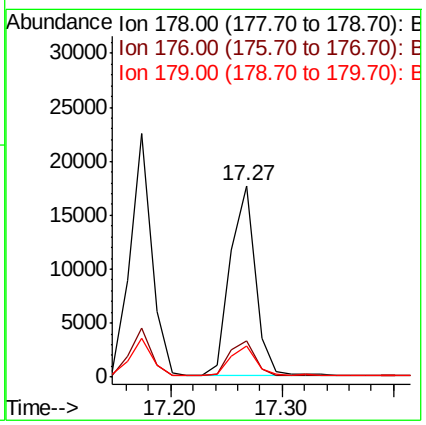


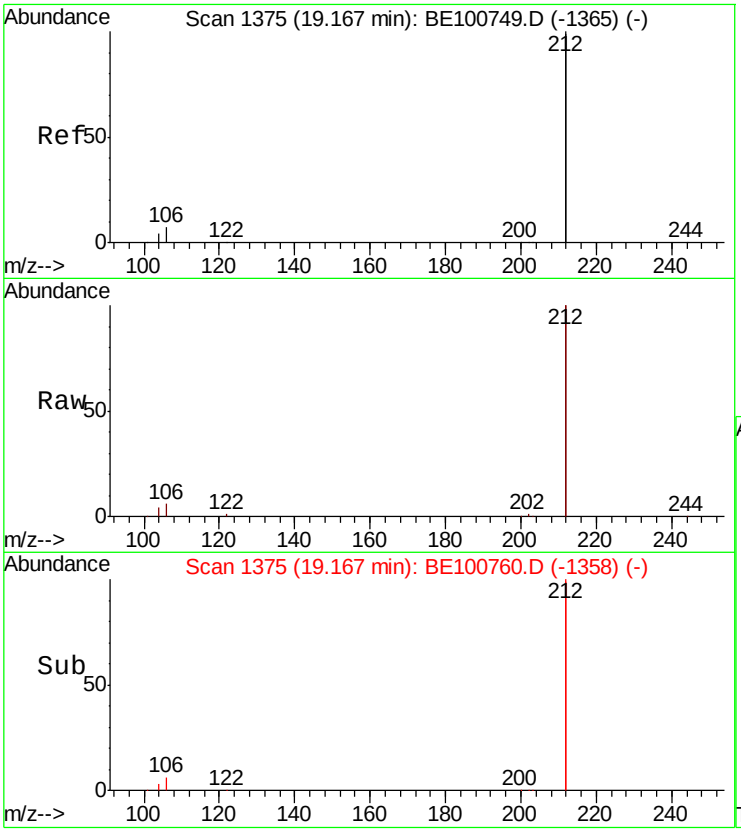


#24
Anthracene
Concen: 0.379 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:178 Resp: 27240

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.5	12.2	18.4



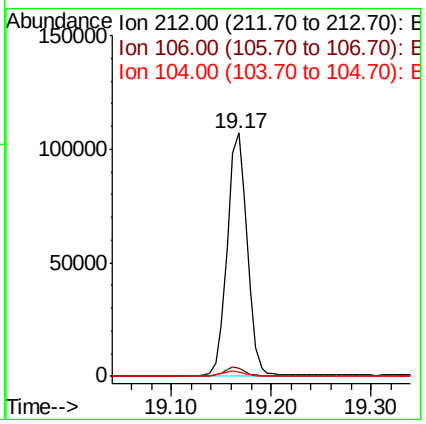


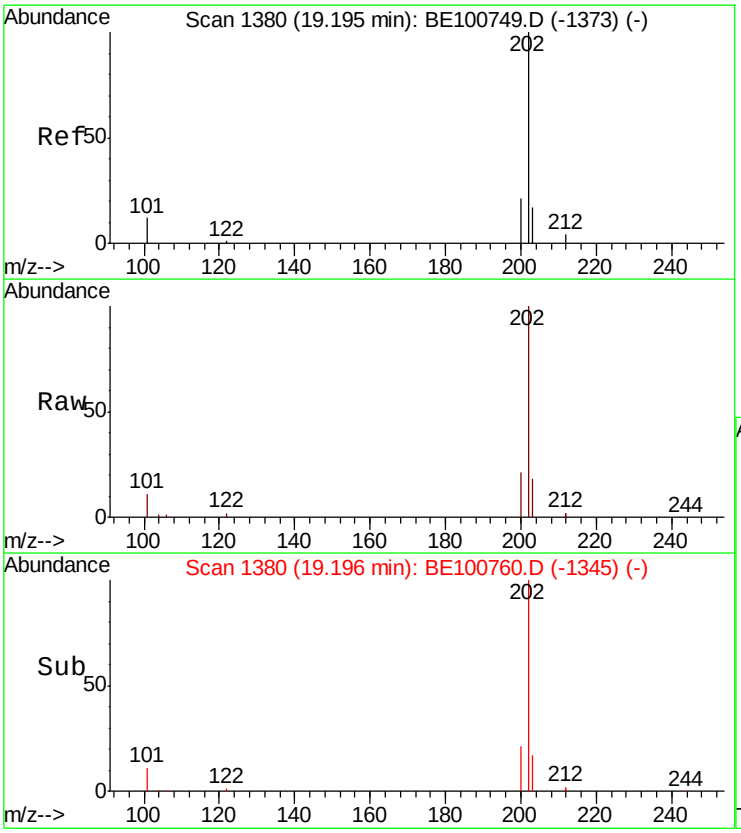
#25
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:212 Resp: 147202

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.9	1.5	2.3

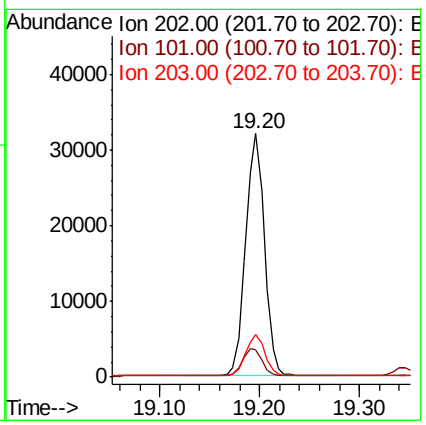


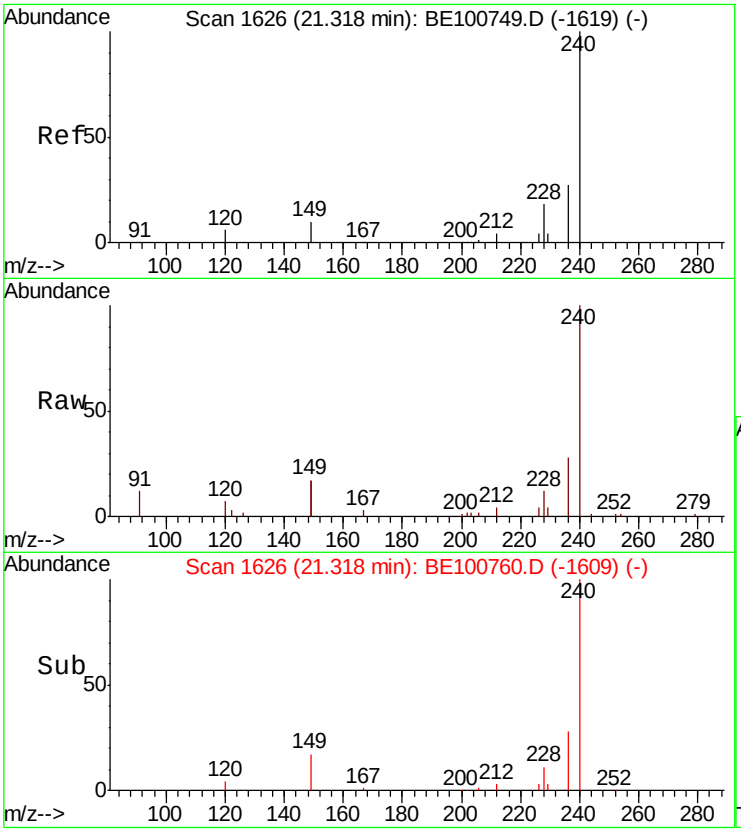


#26
Fluoranthene
Concen: 0.413 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:202 Resp: 42129

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.2	13.8
203	17.3	13.8	20.8



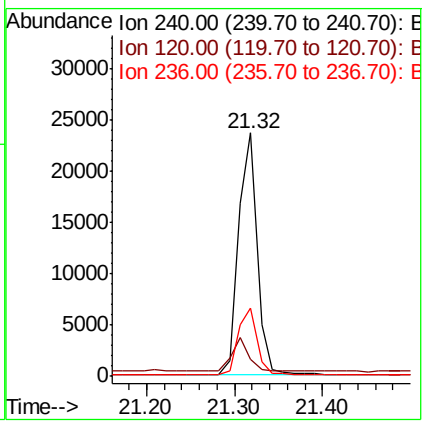


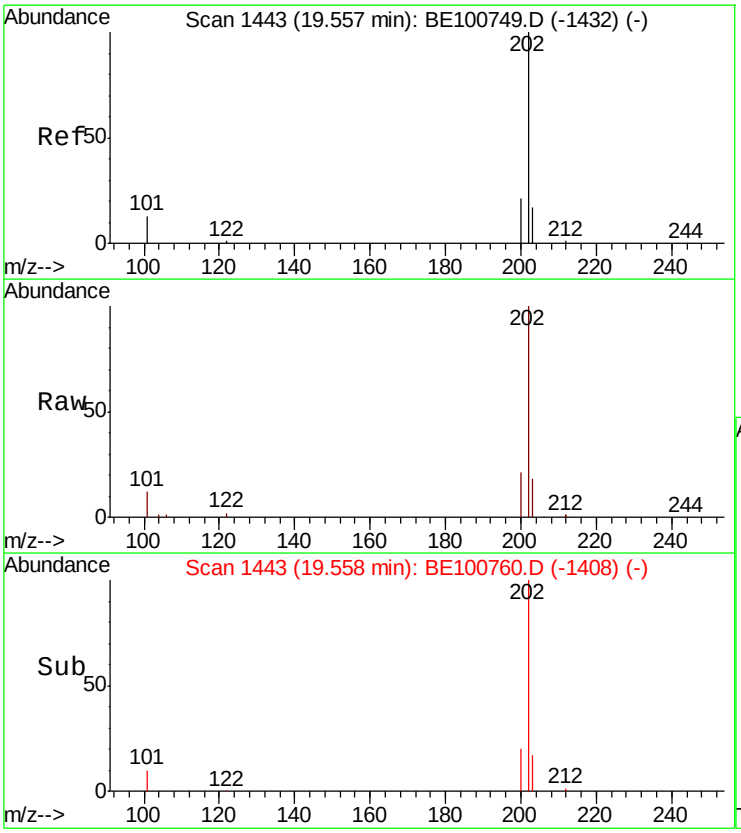
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:240 Resp: 34782

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.8	8.8
236	28.0	21.9	32.9

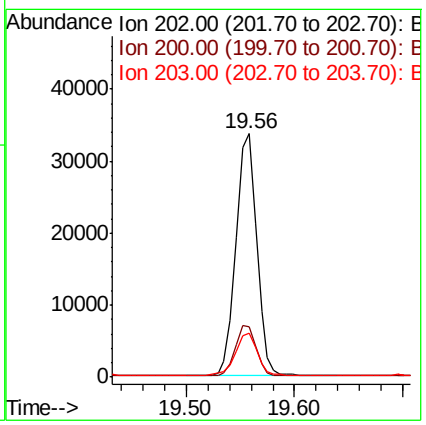


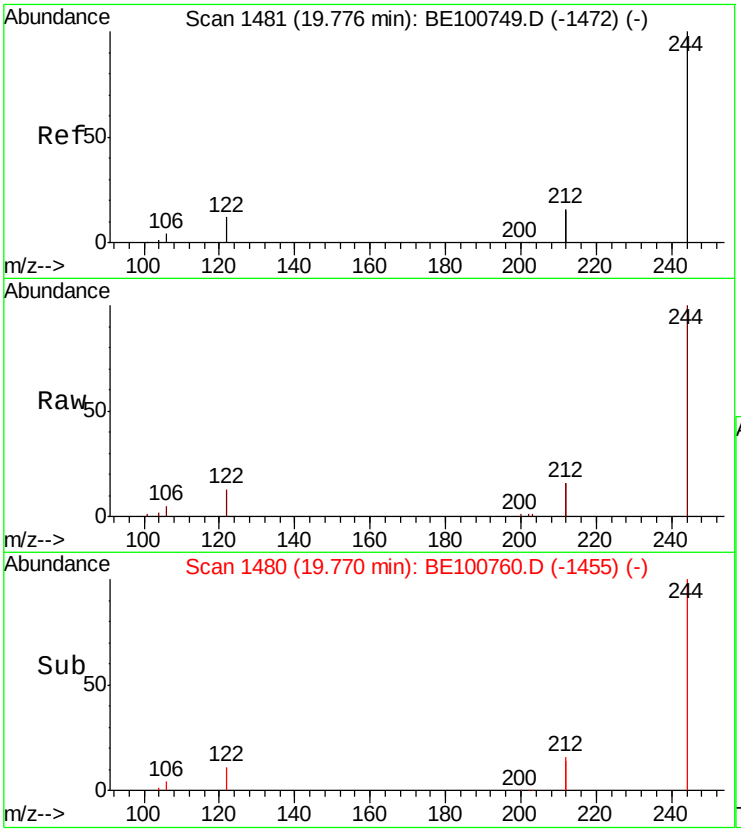


#28
Pyrene
Concen: 0.415 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:202 Resp: 44712

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	18.3	14.0	21.0



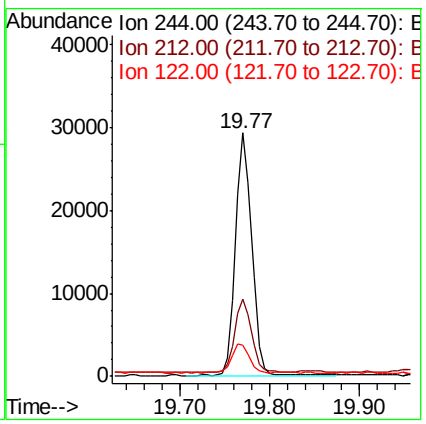


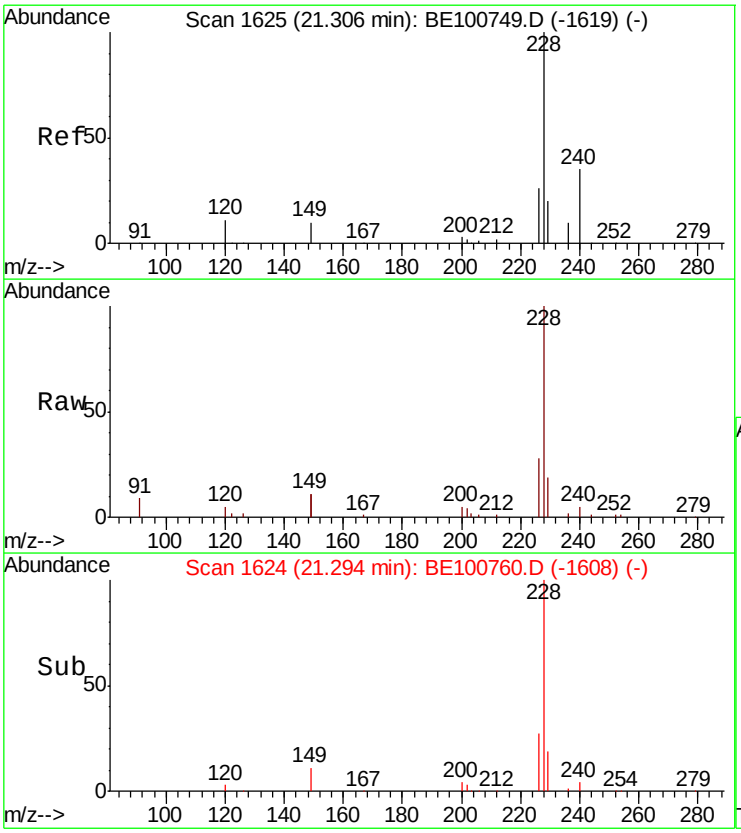
#29
Terphenyl-d14
Concen: 0.445 ng
RT: 19.77 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:244 Resp: 35620

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.2	37.8
122	12.9	9.8	14.6

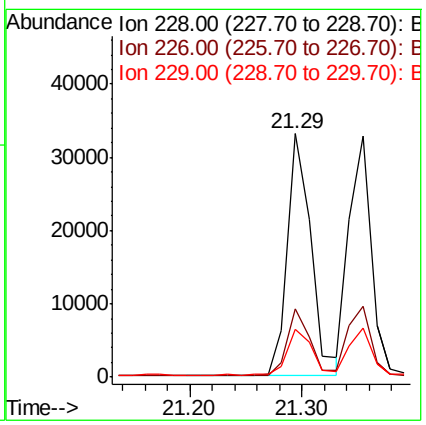


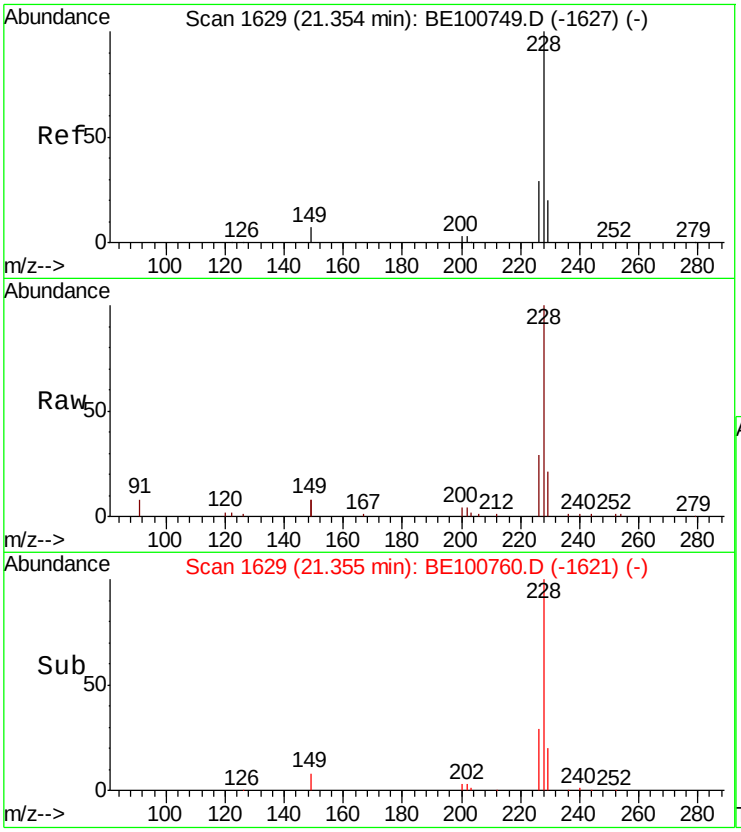


#30
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:228 Resp: 47868

Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.7	31.1
229	19.5	16.2	24.2



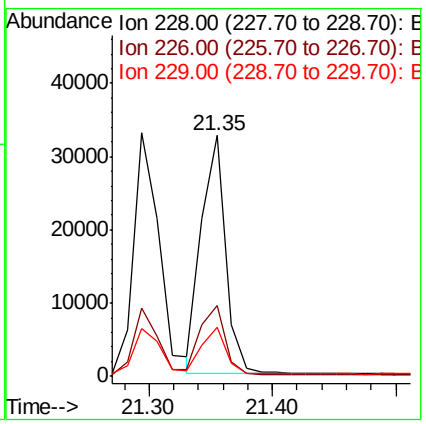


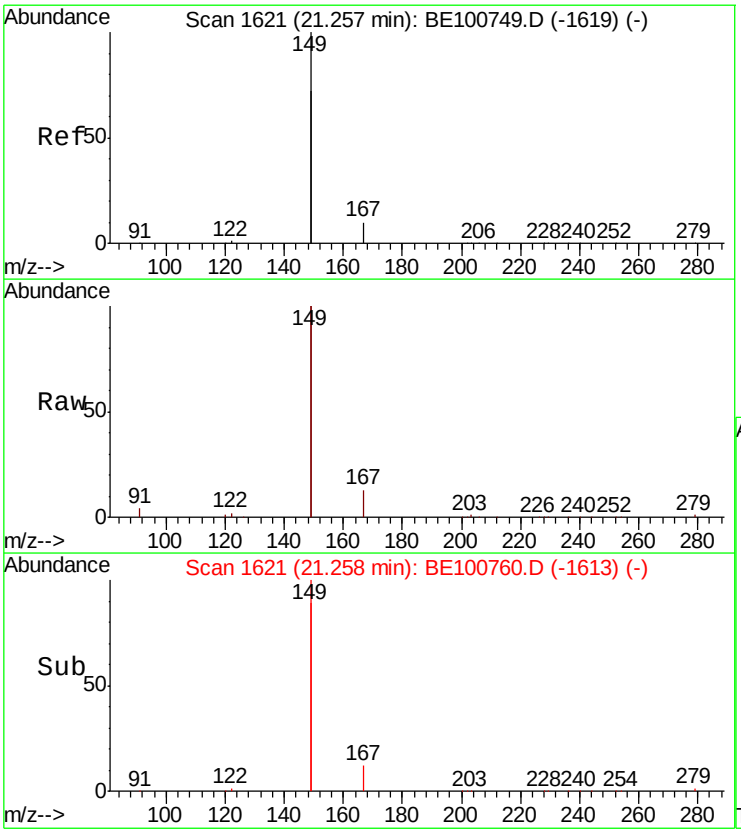
#31
Chrysene
Concen: 0.376 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:228 Resp: 44835

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	20.6	15.9	23.9

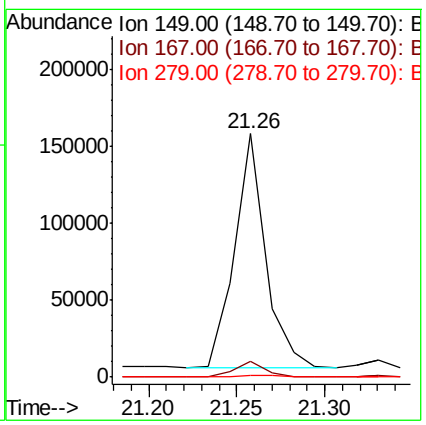


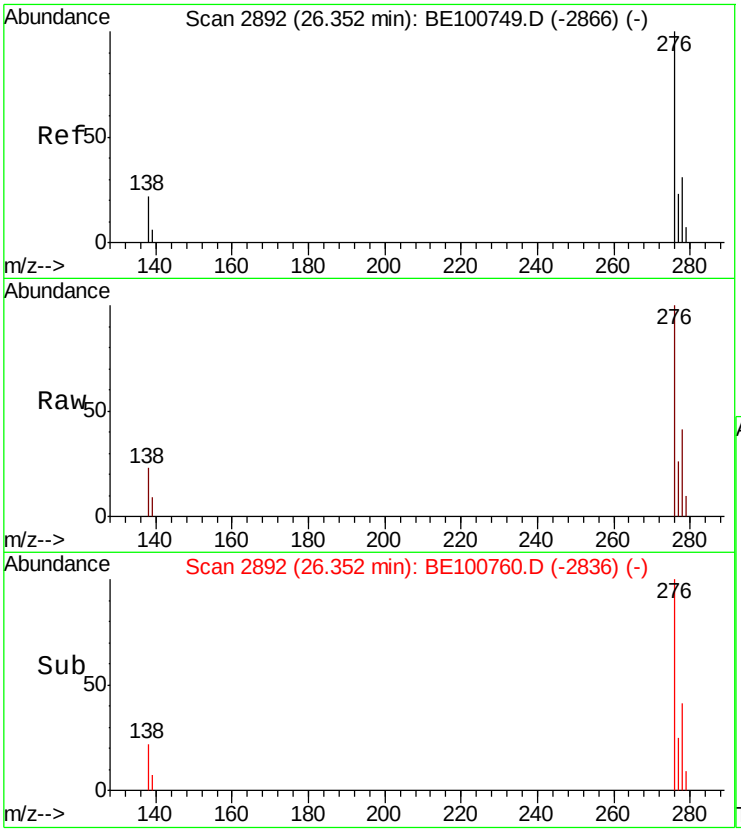


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.167 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:149 Resp: 187262

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.5	8.3
279	0.8	0.7	1.1



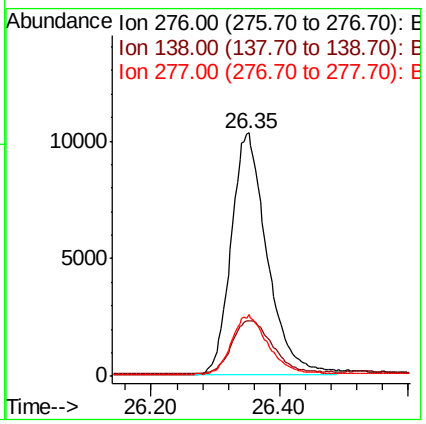


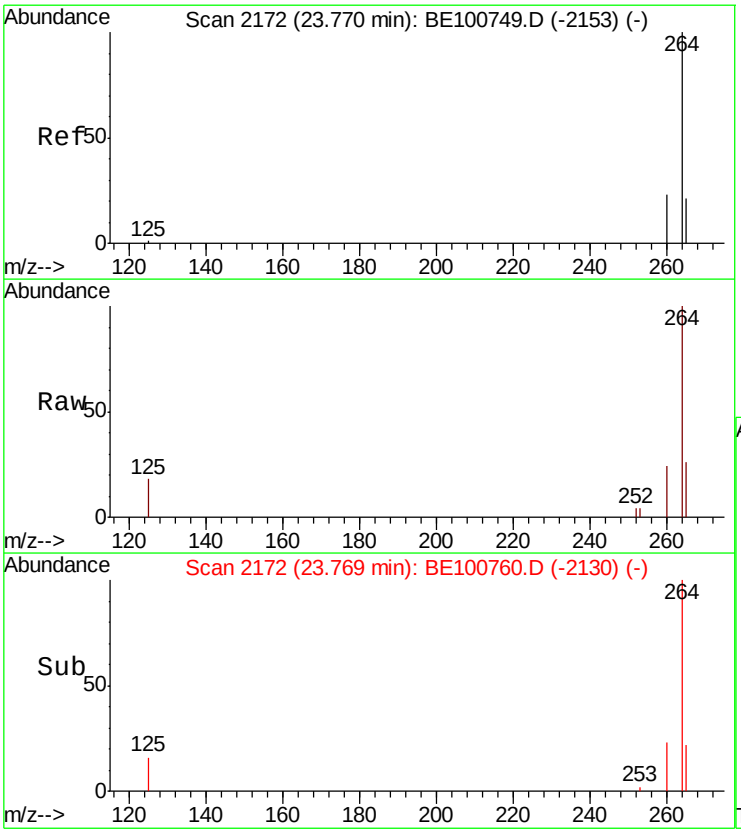
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 26.35 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:276 Resp: 40049

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.8	29.6
277	24.3	19.7	29.5

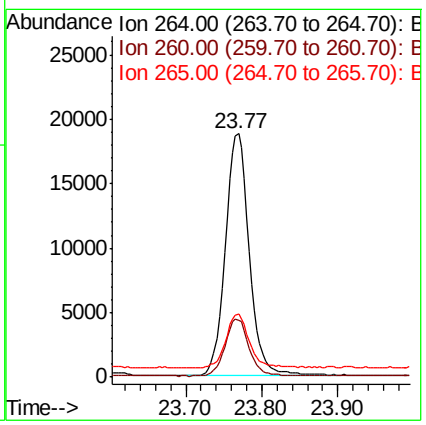


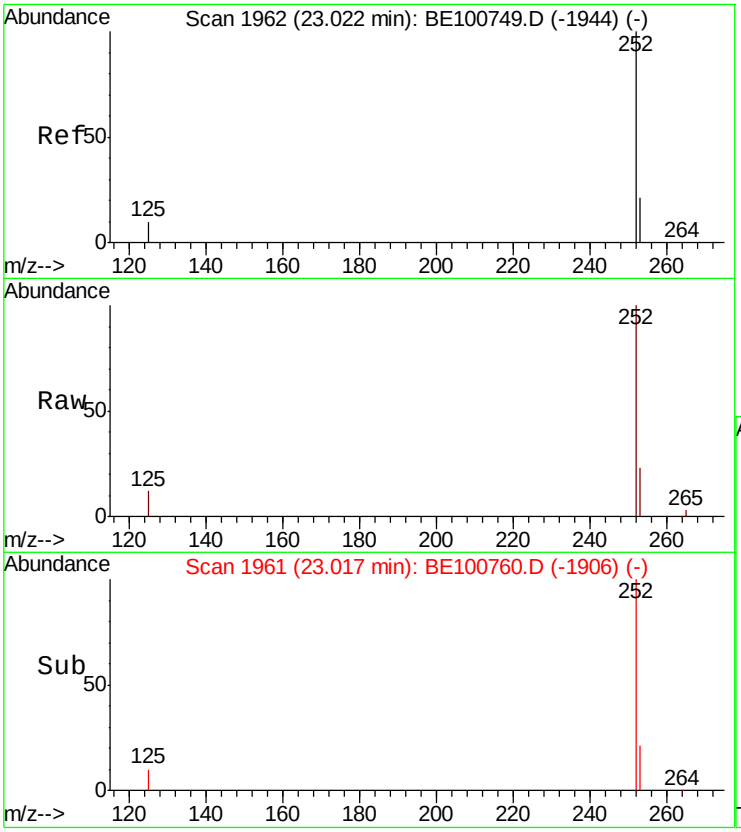


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:264 Resp: 41113

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	25.9	22.4	33.6



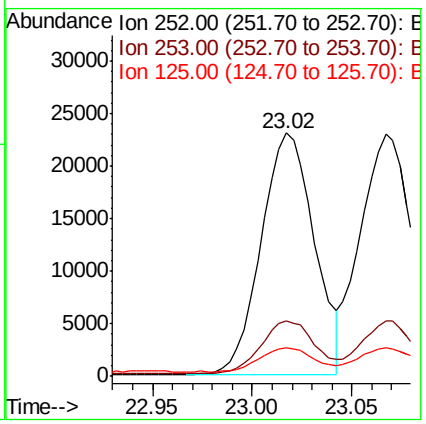


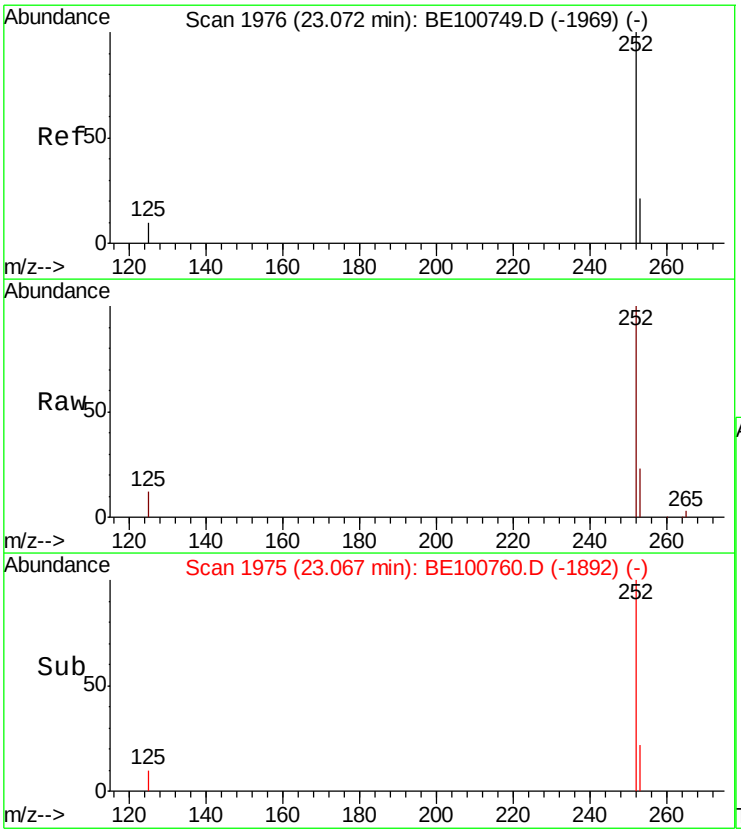
#35
Benzo(b)fluoranthene
Concen: 0.328 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:252 Resp: 42326

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.5	9.1	13.7

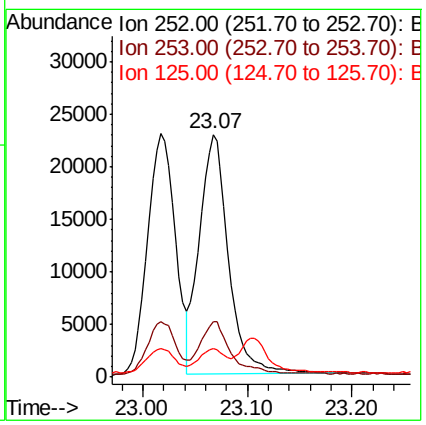


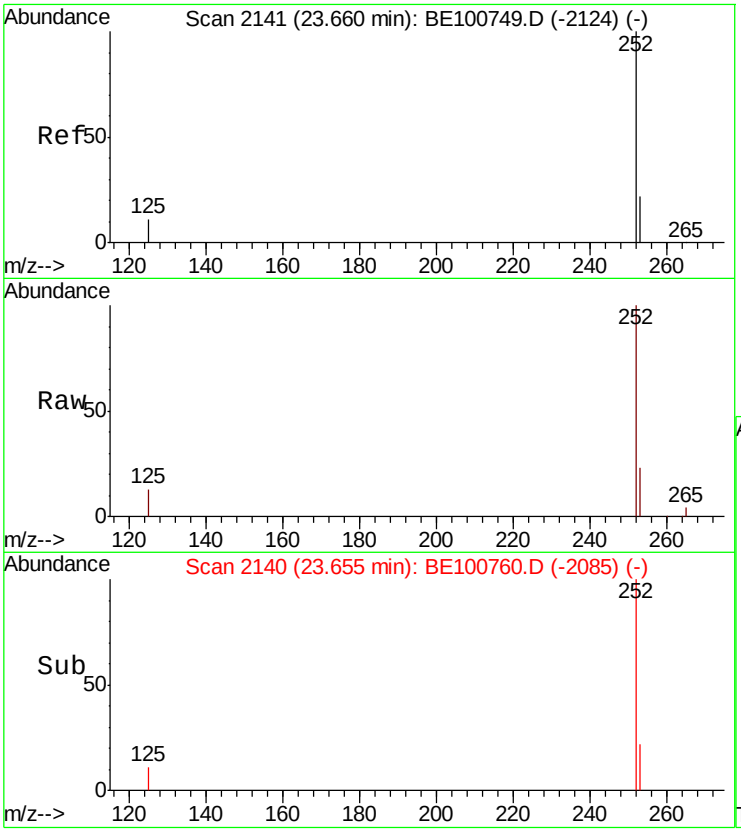


#36
Benzo(k)fluoranthene
Concen: 0.331 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:252 Resp: 44523

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.7	9.0	13.4



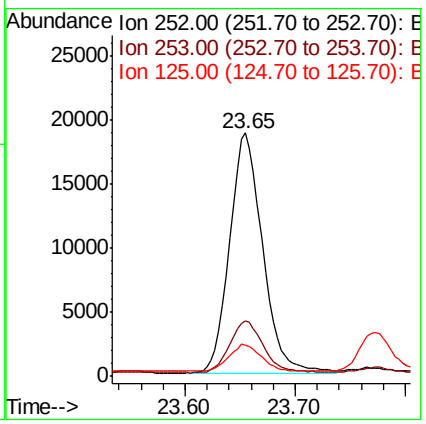


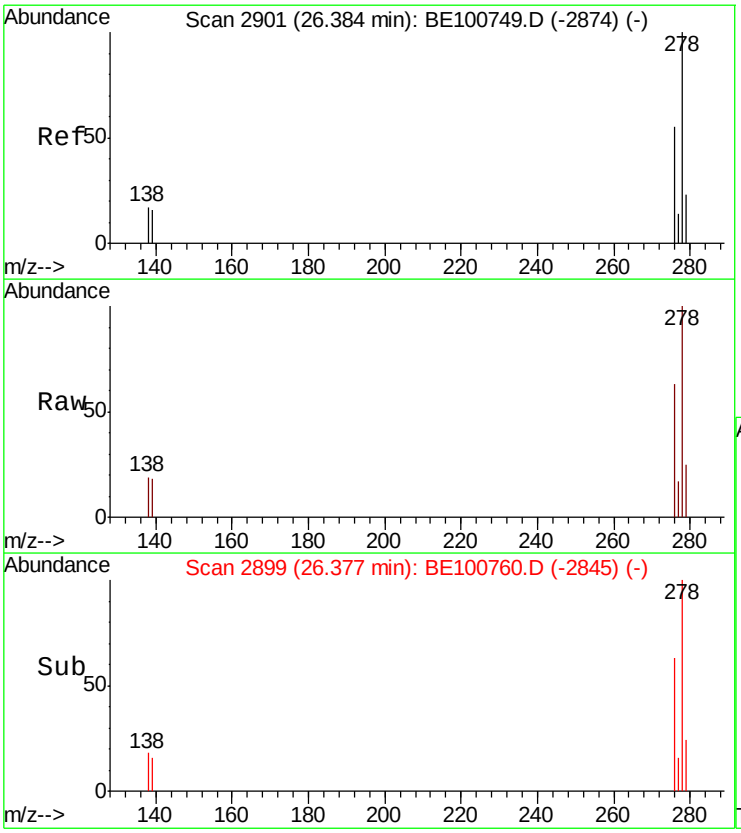
#37
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.65 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:252 Resp: 39423

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	12.8	10.5	15.7

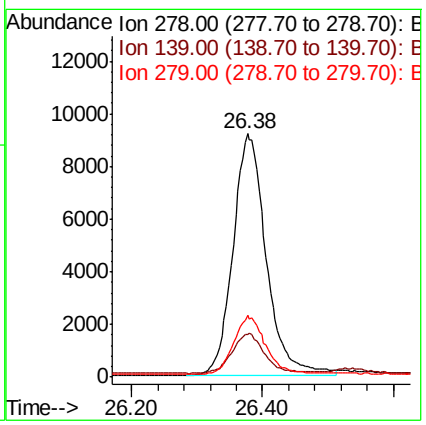


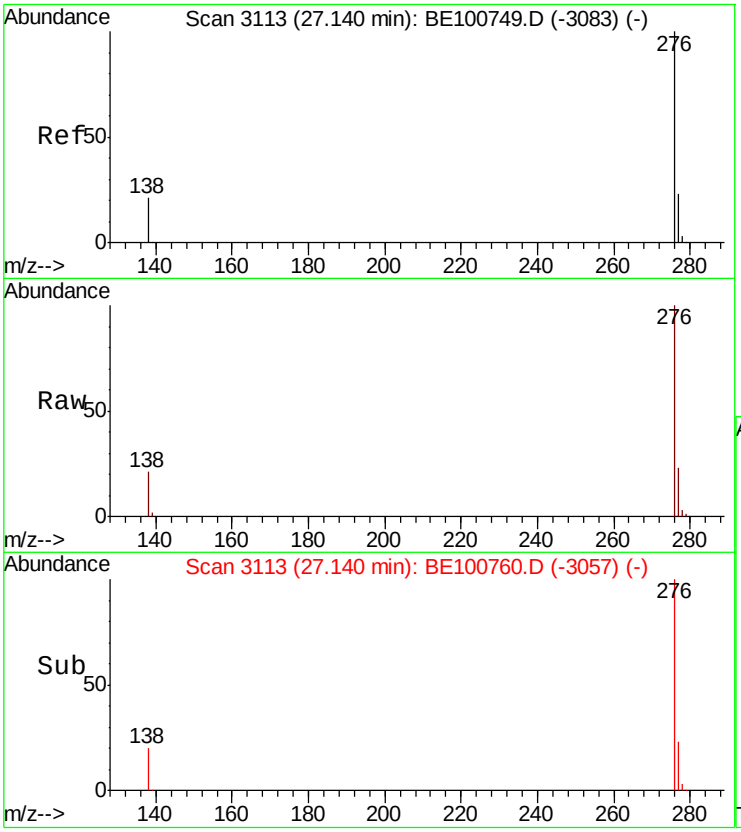


#38
Dibenzo(a,h)anthracene
Concen: 0.270 ng
RT: 26.38 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:278 Resp: 32348

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.2	19.8
279	25.2	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.316 ng
RT: 27.14 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tgt Ion:276 Resp: 35360

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.5	17.8	26.8