Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100930.D
Acq On : 16 Dec 2019 22:34
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 17 06:19:57 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	4494	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	20516	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	11762	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	26942	0.40	ng		0.00
27) Chrysene-d12	21.29	240	21700	0.40	ng		-0.01
34) Perylene-d12	23.74	264	25089	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	4924	0.46	ng		-0.01
5) Phenol-d6	6.93	99	7293	0.45	ng		0.00
8) Nitrobenzene-d5	8.90	82	5453	0.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	13013	0.44	ng		-0.01
14) 2,4,6-Tribromophenol	15.86	330	881	0.67	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	18530	0.40	ng		0.00
25) Fluoranthene-d10	19.15	212	108792	0.34	ng		0.00
29) Terphenyl-d14	19.75	244	22445	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	3823	0.467	ng		98
3) n-Nitrosodimethylamine	3.66	42	2566	0.385	ng		94
6) bis(2-Chloroethyl)ether	7.18	93	6764	0.435	ng		98
9) Naphthalene	10.57	128	95514	0.438	ng		100
10) Hexachlorobutadiene	10.89	225	3628	0.427	ng		98
12) 2-Methylnaphthalene	12.20	142	14976	0.440	ng		92
16) Acenaphthylene	14.11	152	20752	0.427	ng		99
17) Acenaphthene	14.46	154	14646	0.437	ng		100
18) Fluorene	15.42	166	18988	0.439	ng		98
20) 4-Bromophenyl-phenylether	16.32	248	5497	0.416	ng	#	83
21) Hexachlorobenzene	16.44	284	6252	0.435	ng		99
22) Pentachlorophenol	16.77	266	674	0.679	ng		97
23) Phenanthrene	17.16	178	34359	0.421	ng		100
24) Anthracene	17.26	178	26700	0.391	ng		99
26) Fluoranthene	19.18	202	35086	0.360	ng		100
28) Pyrene	19.54	202	33884	0.481	ng		99
30) Benzo(a)anthracene	21.28	228	27790	0.434	ng		99
31) Chrysene	21.33	228	33985	0.452	ng		99
32) Bis(2-ethylhexyl)phthalate	21.23	149	27232	0.601	ng		99
33) Indeno(1,2,3-cd)pyrene	26.31	276	28227	0.431	ng		98
35) Benzo(b)fluoranthene	22.99	252	27176	0.396	ng		99
36) Benzo(k)fluoranthene	23.04	252	32553	0.423	ng		98
37) Benzo(a)pyrene	23.63	252	22281	0.375	ng		100
38) Dibenzo(a,h)anthracene	26.34	278	22937	0.388	ng		99
39) Benzo(g,h,i)perylene	27.09	276	24953	0.394	ng		99

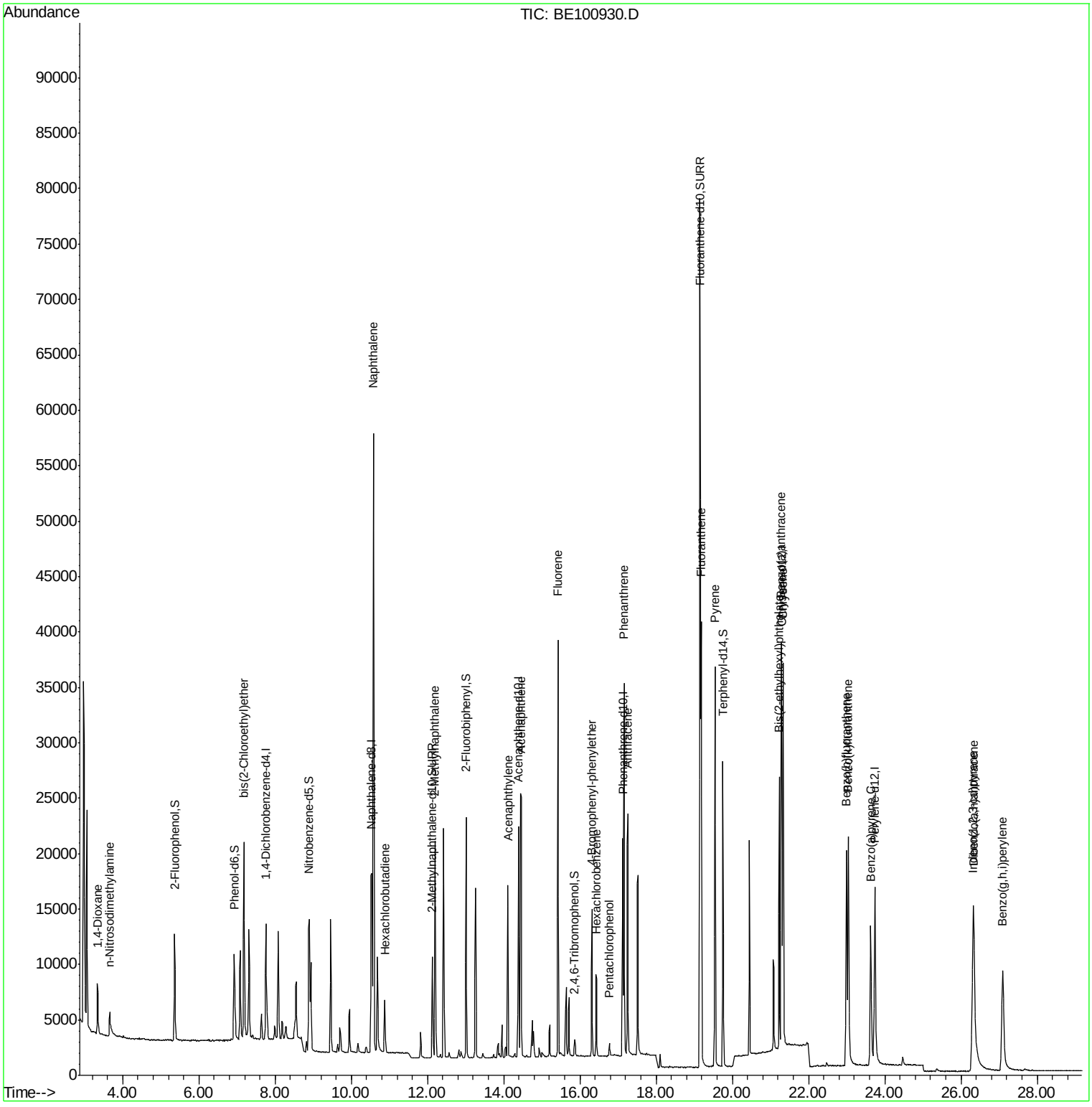
(#) = qualifier out of range (m) = manual integration (+) = signals summed

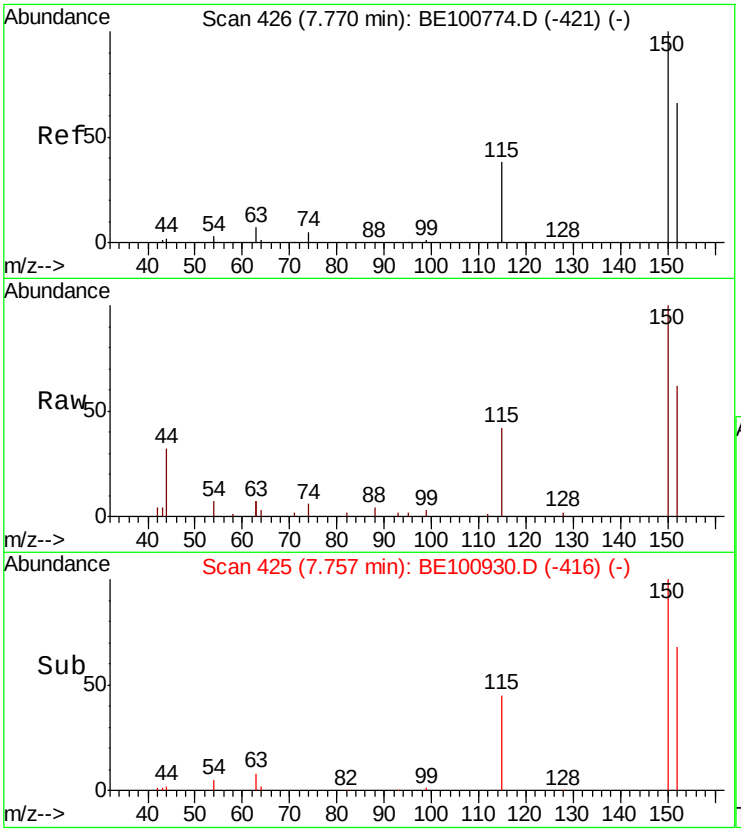
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100930.D
Acq On : 16 Dec 2019 22:34
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 17 06:19:57 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



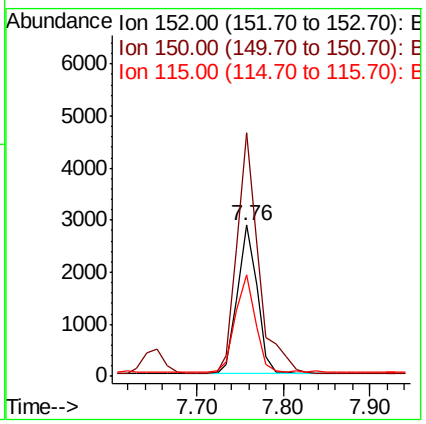


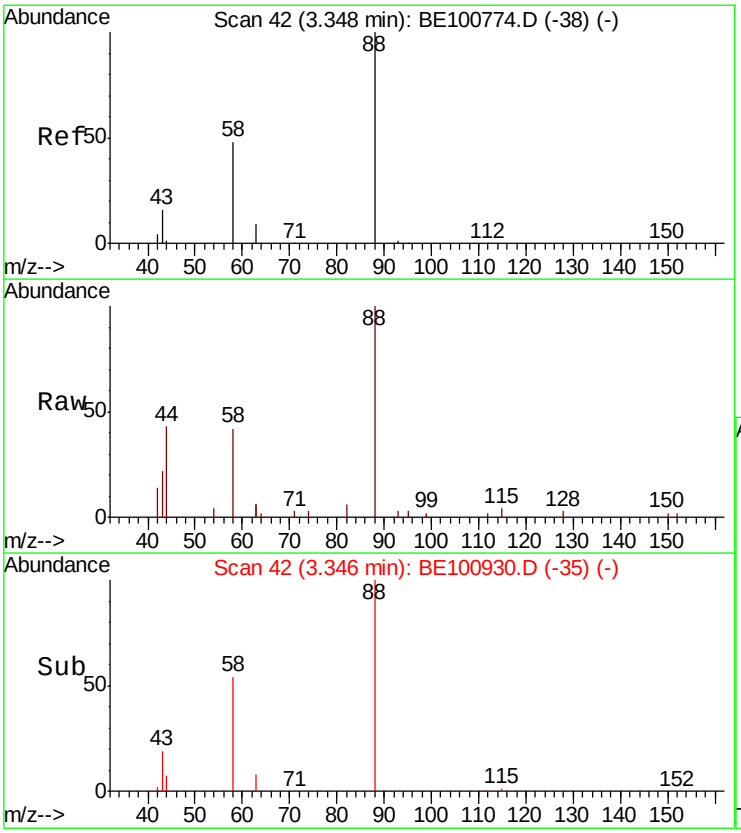
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4494

Ion	Ratio	Lower	Upper
152	100		
150	161.3	125.5	188.3
115	67.0	55.7	83.5

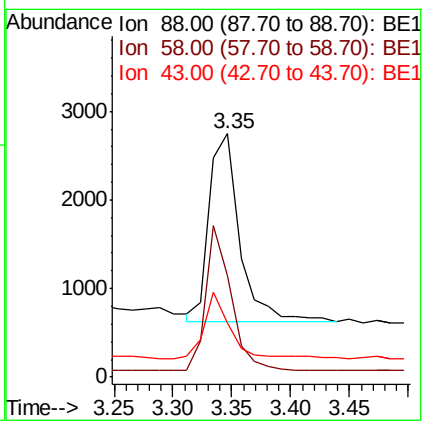


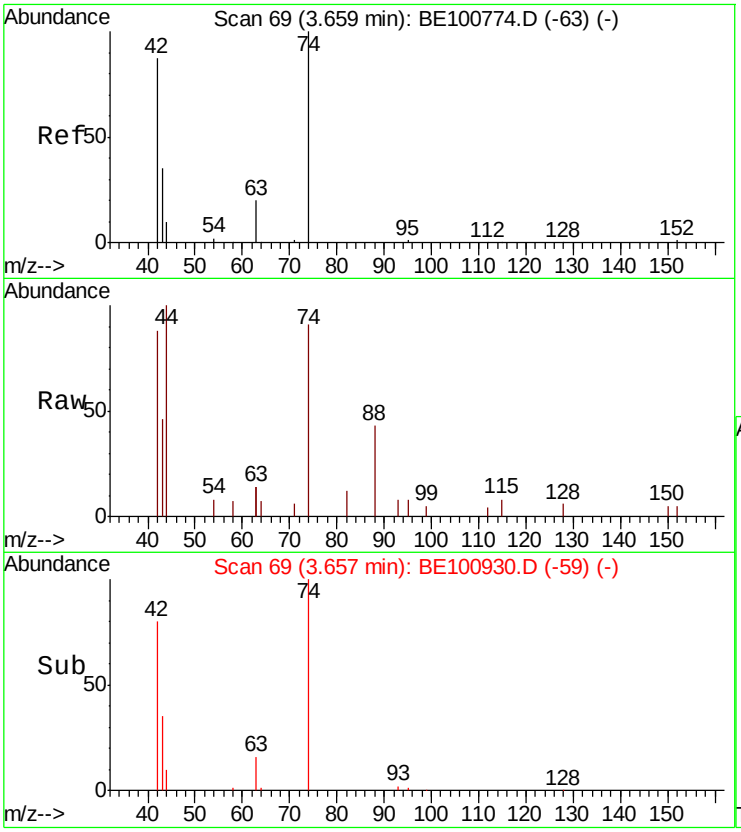


#2
1,4-Dioxane
Concen: 0.467 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion: 88 Resp: 3823

Ion	Ratio	Lower	Upper
88	100		
58	63.3	52.3	78.5
43	30.2	23.5	35.3

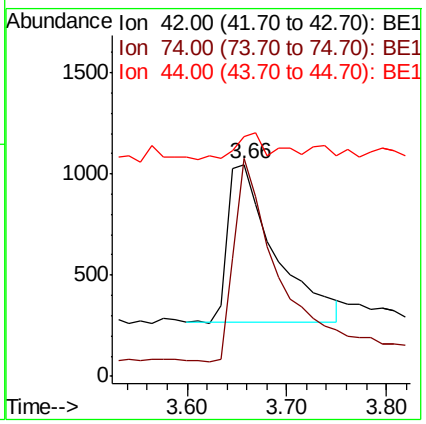




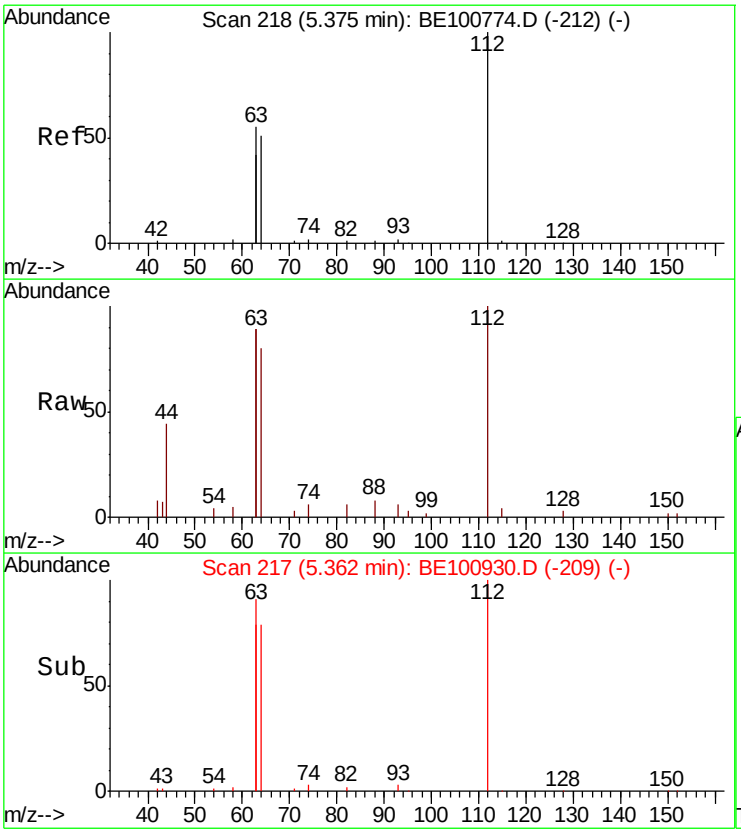
#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion: 42 Resp: 2566

Ion	Ratio	Lower	Upper
42	100		
74	119.5	90.3	135.5
44	10.1	9.0	13.4



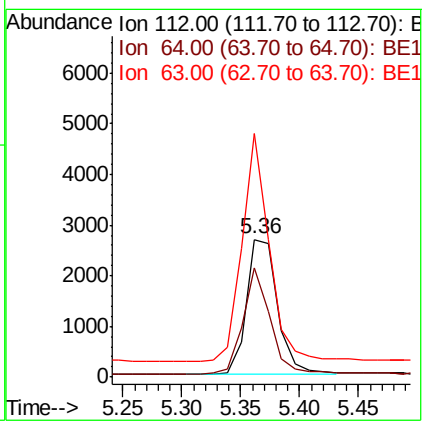
Instrument :
BNA_E
ClientSampleId :

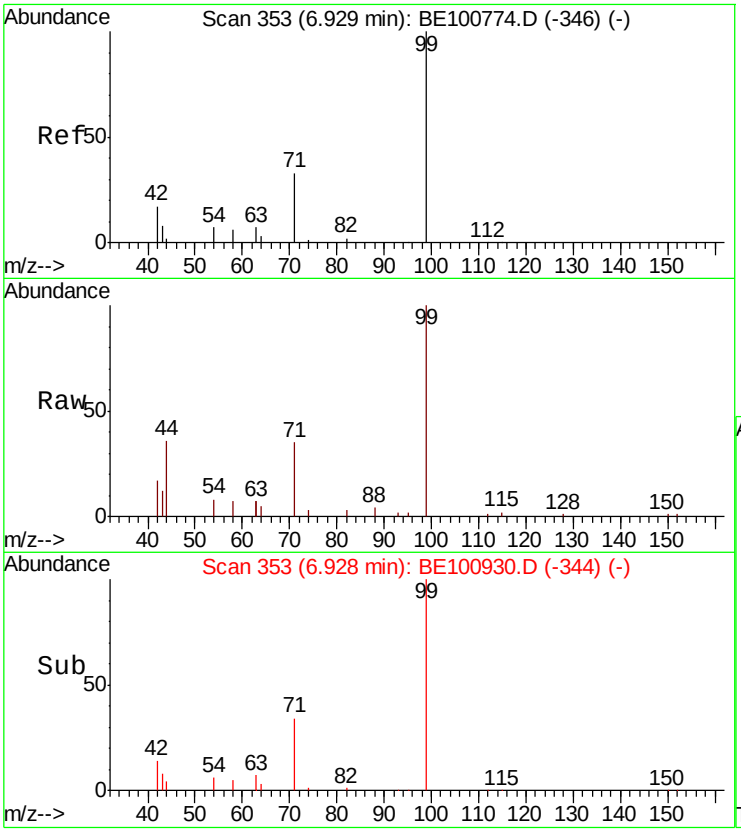


#4
2-Fluorophenol
Concen: 0.462 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:112 Resp: 4924

Ion	Ratio	Lower	Upper
112	100		
64	68.4	54.5	81.7
63	146.8	116.1	174.1



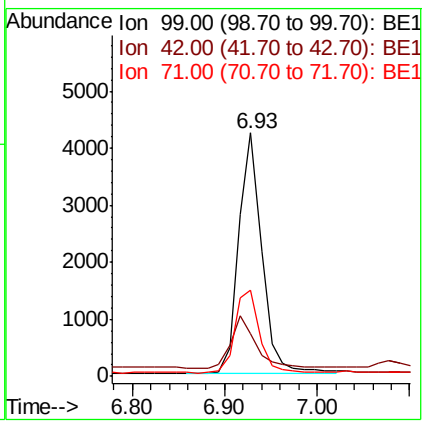


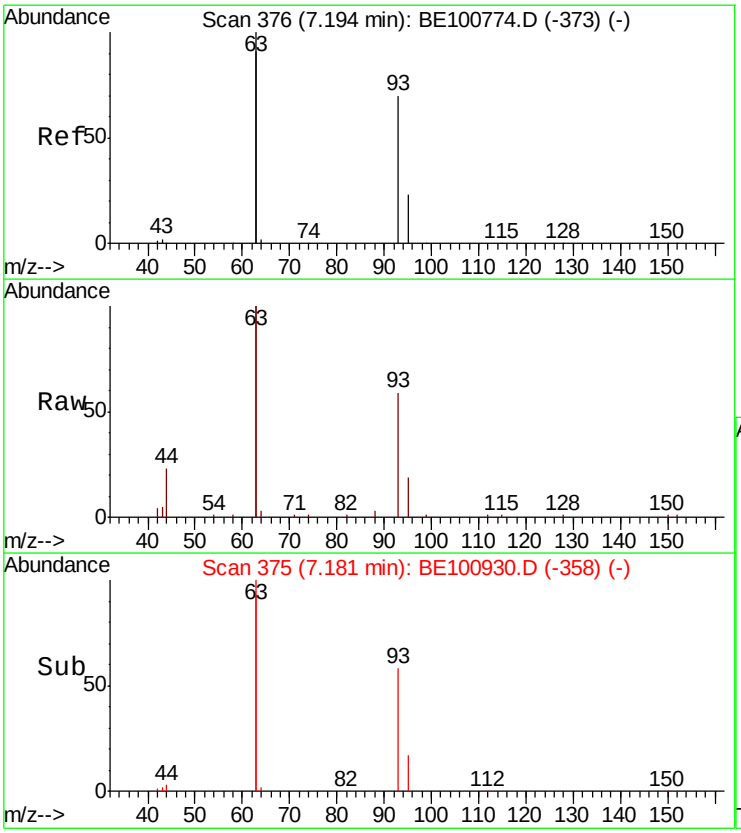
#5
Phenol-d6
Concen: 0.453 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7293

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.2	27.2
71	37.1	29.1	43.7

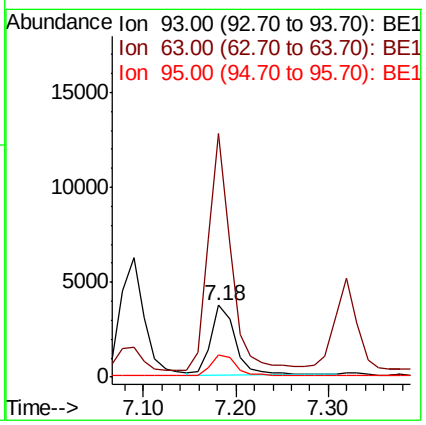


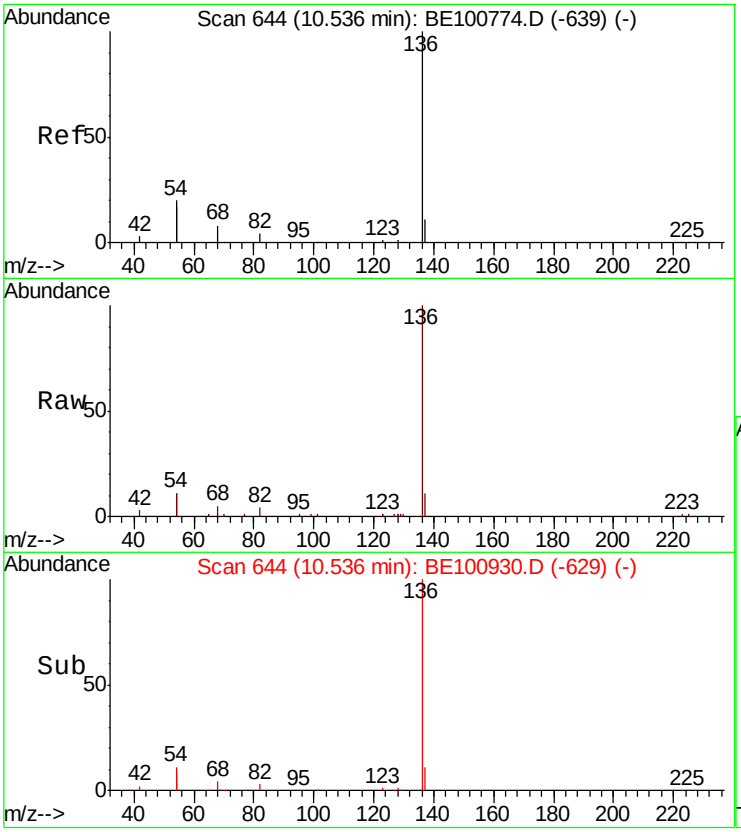


#6
bis(2-Chloroethyl)ether
Concen: 0.435 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion: 93 Resp: 6764

Ion	Ratio	Lower	Upper
93	100		
63	314.0	253.9	380.9
95	33.2	25.0	37.6



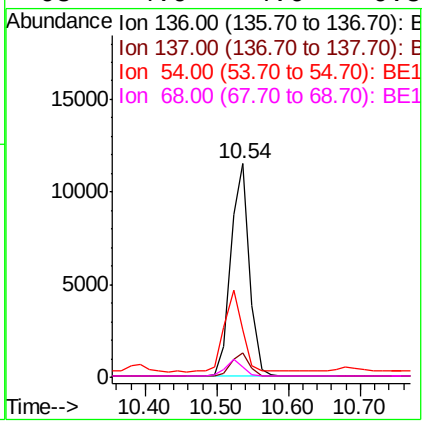


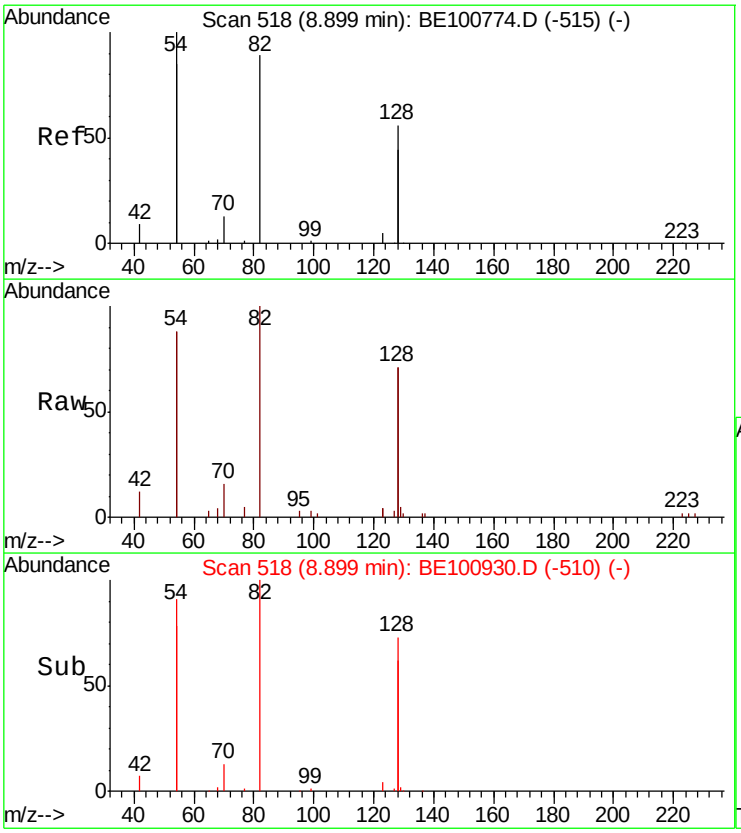
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 20516

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	22.2	18.9	28.3
68	4.9	4.6	6.8

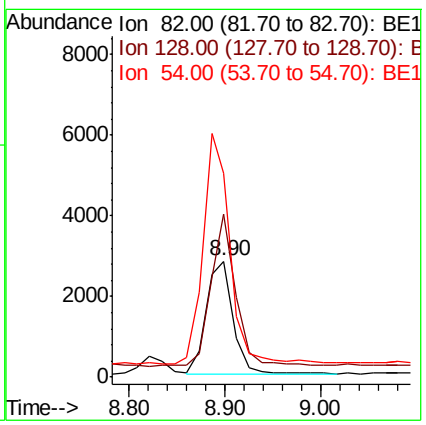


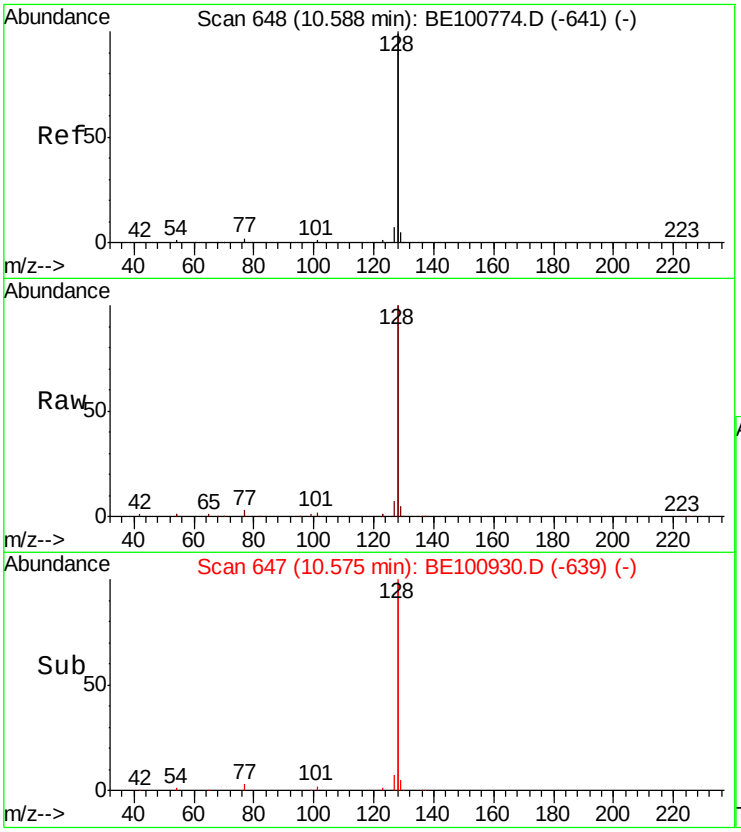


#8
Nitrobenzene-d5
Concen: 0.558 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion: 82 Resp: 5453

Ion	Ratio	Lower	Upper
82	100		
128	141.0	113.5	170.3
54	176.3	138.9	208.3



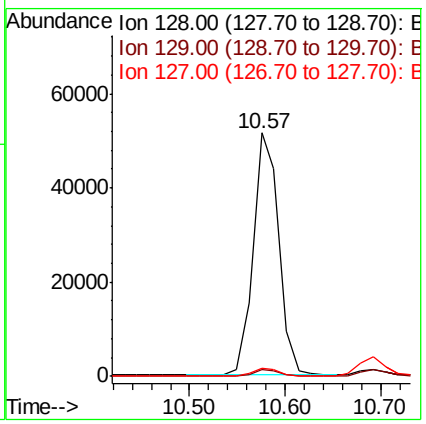


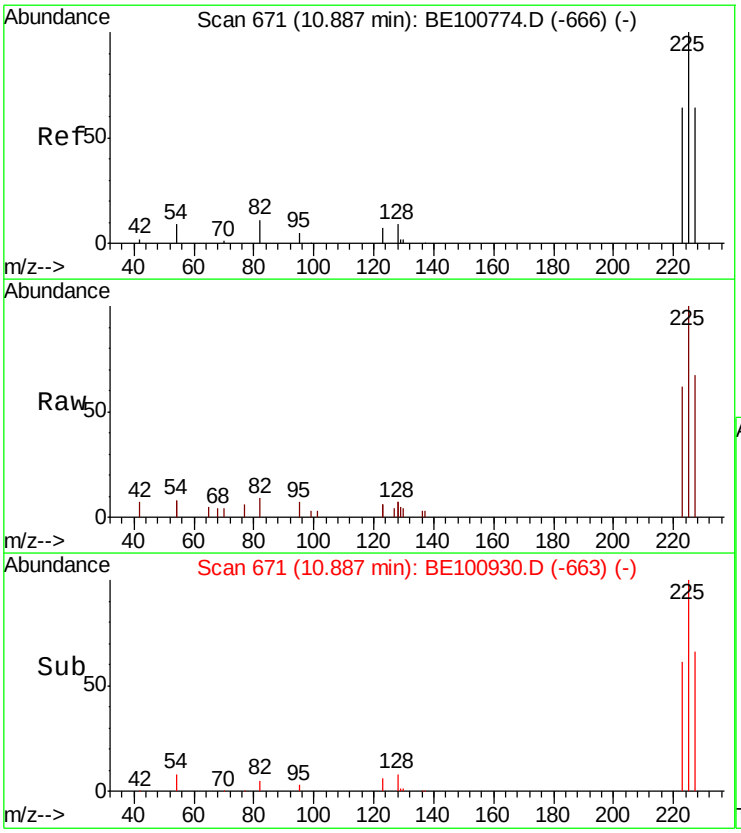
#9
Naphthalene
Concen: 0.438 ng
RT: 10.57 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 95514

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.5	2.8	4.2

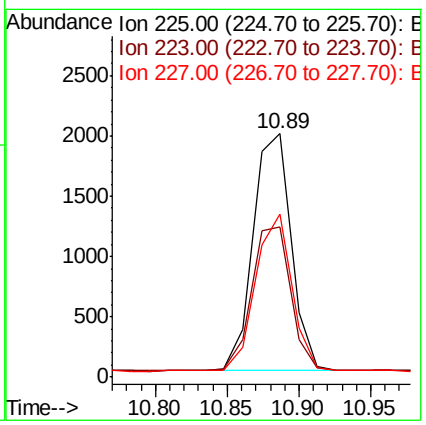


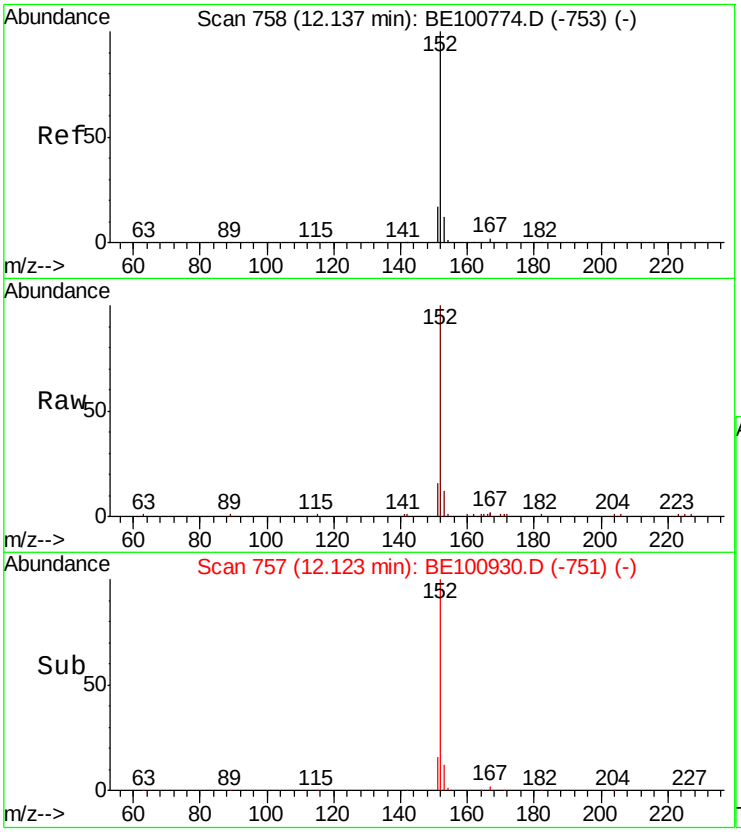


#10
Hexachlorobutadiene
Concen: 0.427 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:225 Resp: 3628

Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.1	78.1
227	63.1	51.1	76.7



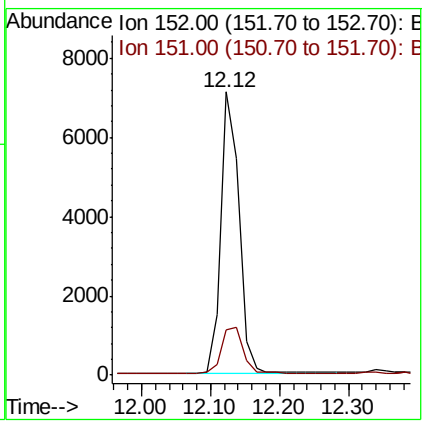


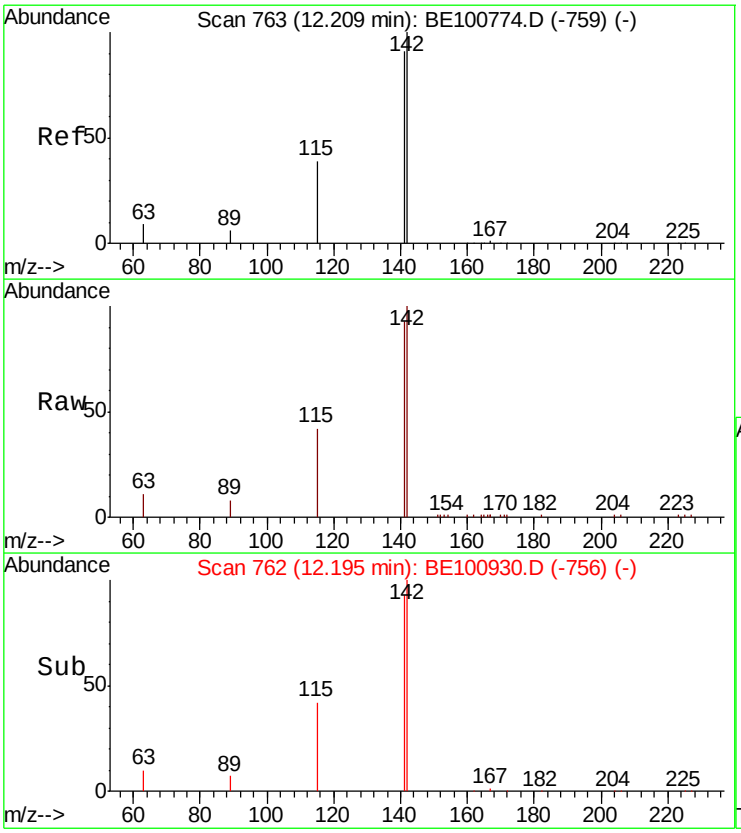
#11
2-Methylnaphthalene-d10
Concen: 0.438 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13013

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

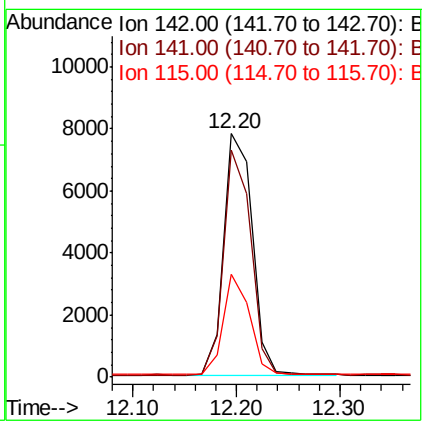


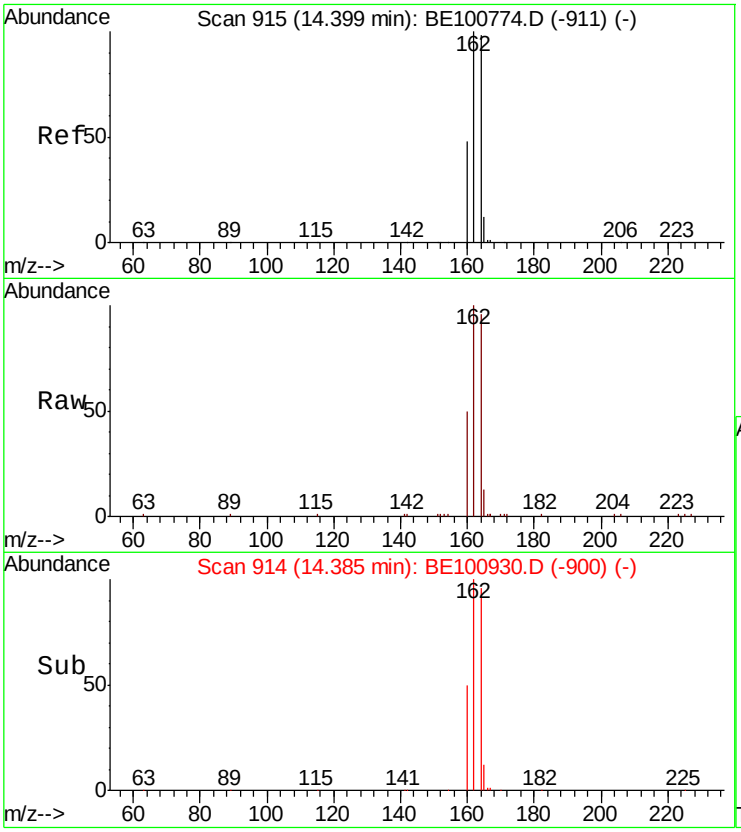


#12
2-Methylnaphthalene
Concen: 0.440 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:142 Resp: 14976

Ion	Ratio	Lower	Upper
142	100		
141	93.1	68.9	103.3
115	42.2	29.5	44.3



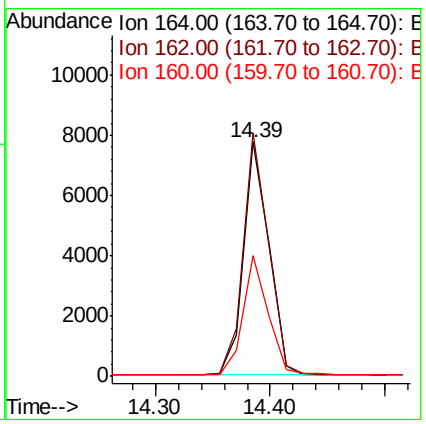


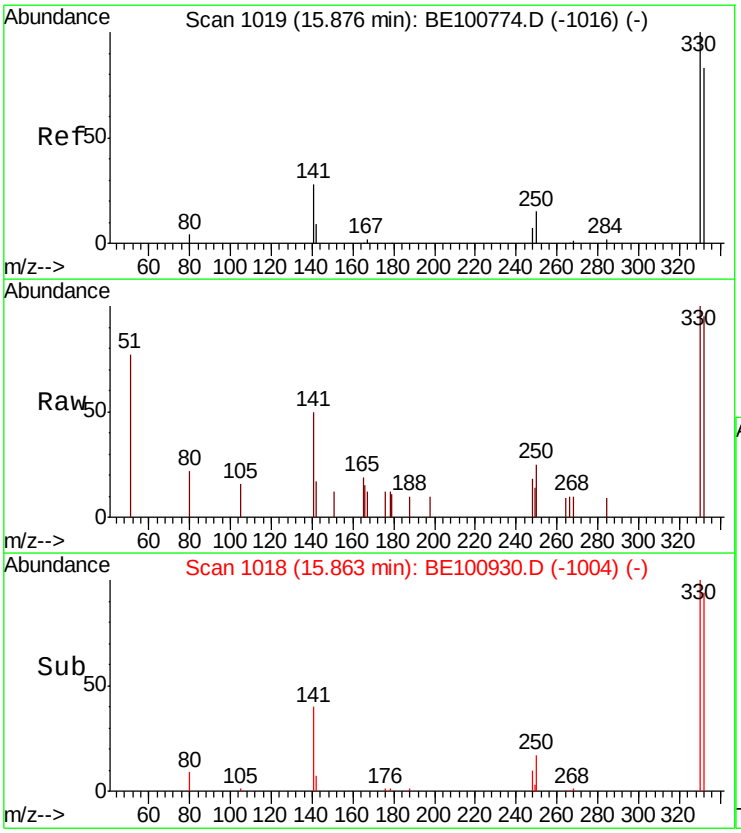
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11762

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.0	129.0
160	51.8	42.3	63.5

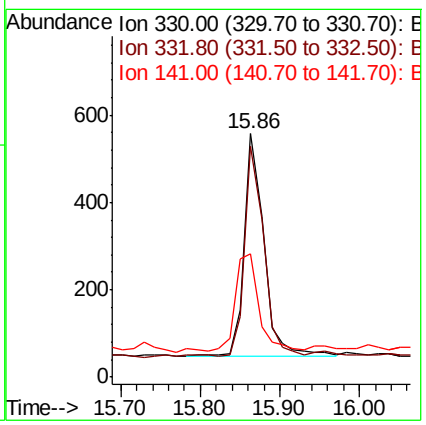


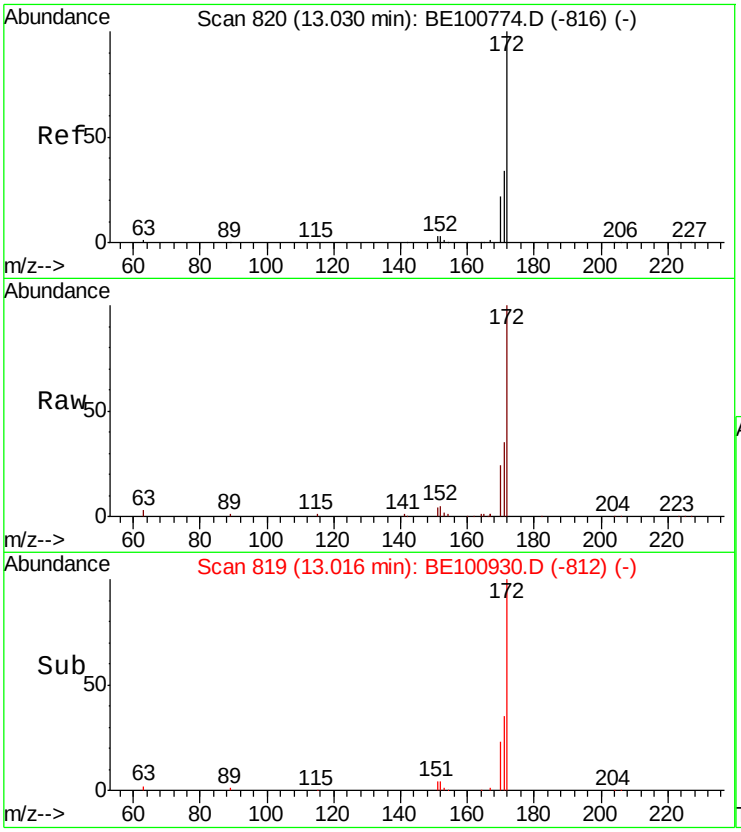


#14
2,4,6-Tribromophenol
Concen: 0.673 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:330 Resp: 881

Ion	Ratio	Lower	Upper
330	100		
332	89.9	74.1	111.1
141	51.1	46.7	70.1



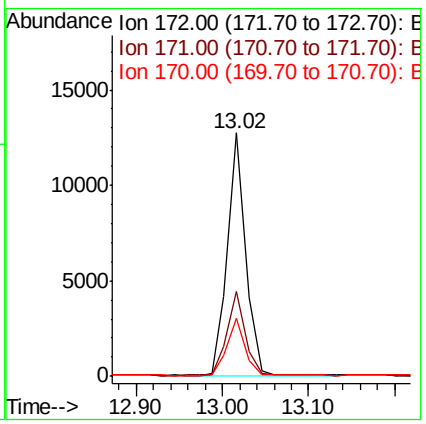


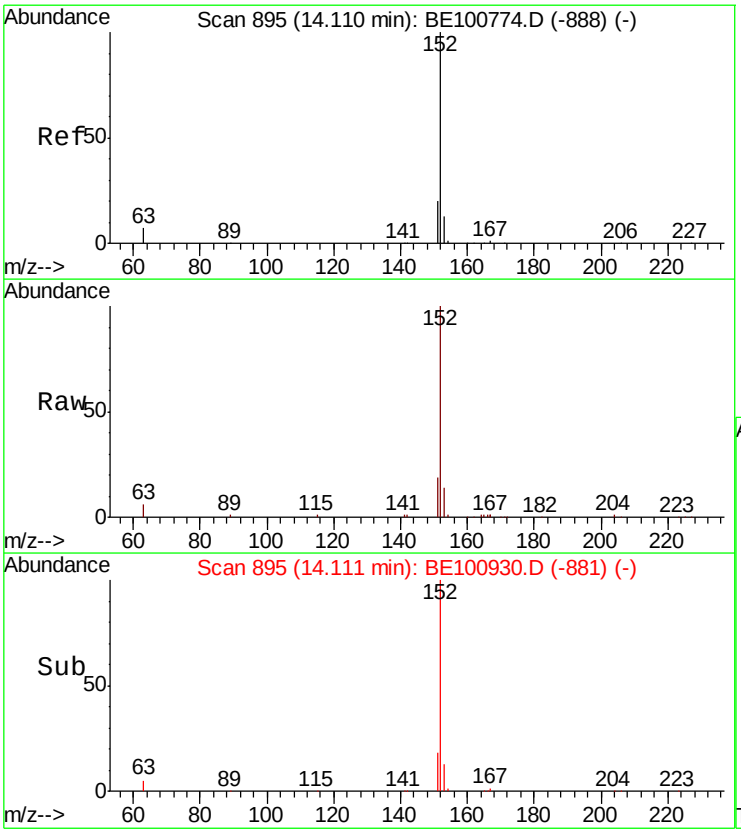
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 18530

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

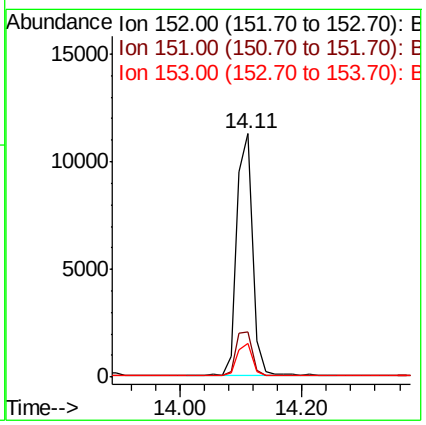


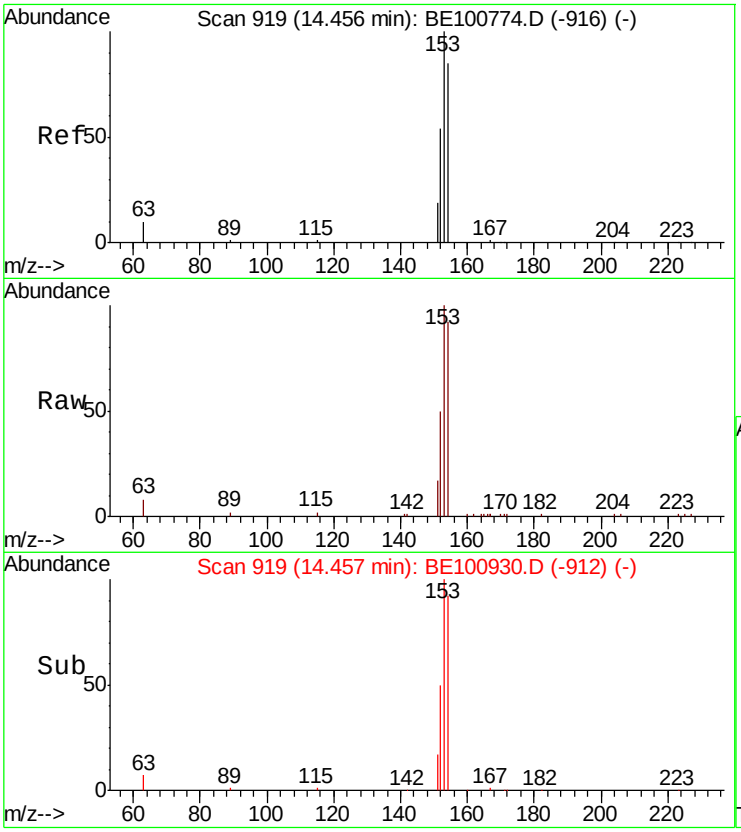


#16
Acenaphthylene
Concen: 0.427 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:152 Resp: 20752

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	13.0	10.5	15.7



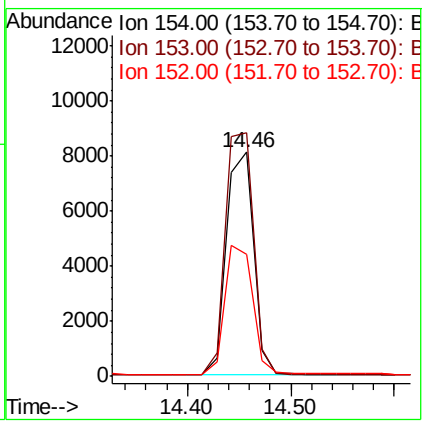


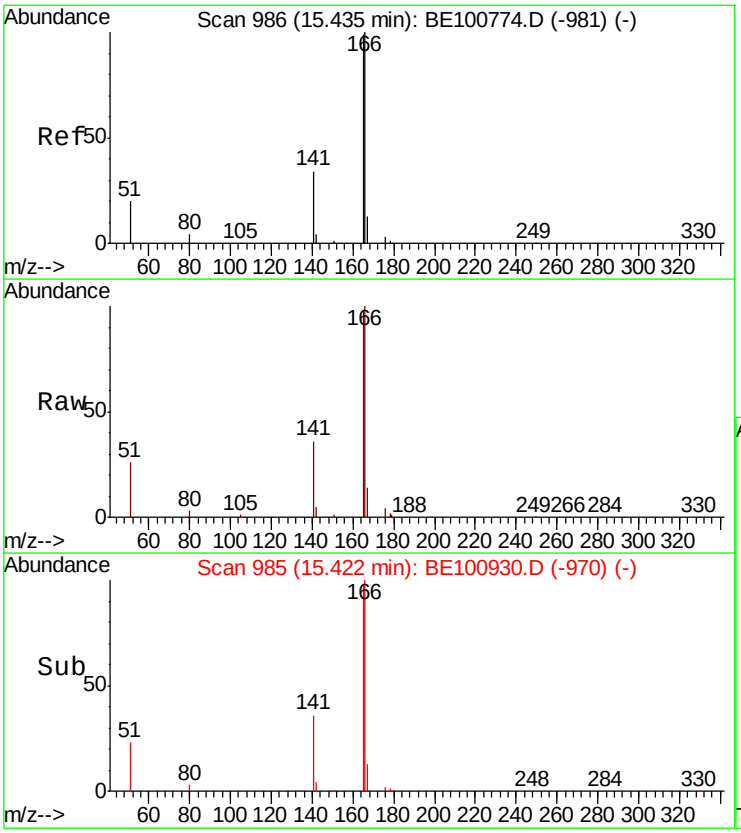
#17
Acenaphthene
Concen: 0.437 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 14646

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.5	137.3
152	59.7	47.7	71.5

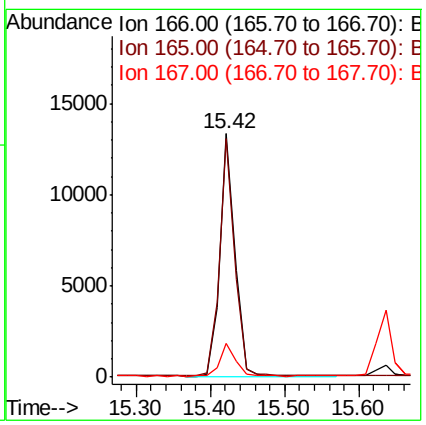


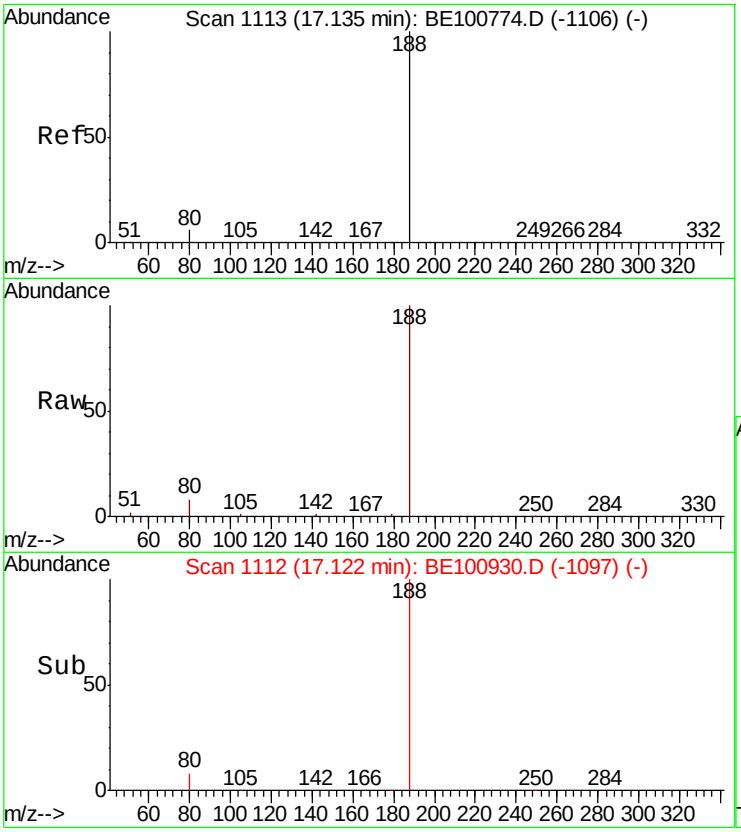


#18
Fluorene
Concen: 0.439 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:166 Resp: 18988

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.2	120.4
167	13.6	10.6	16.0



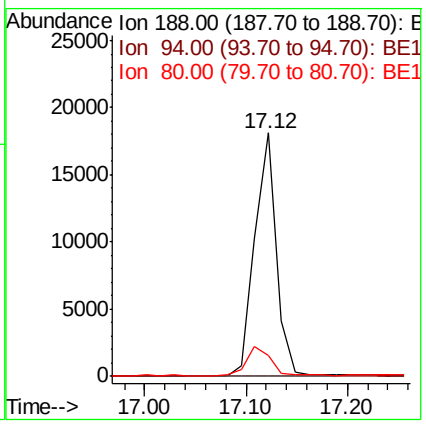


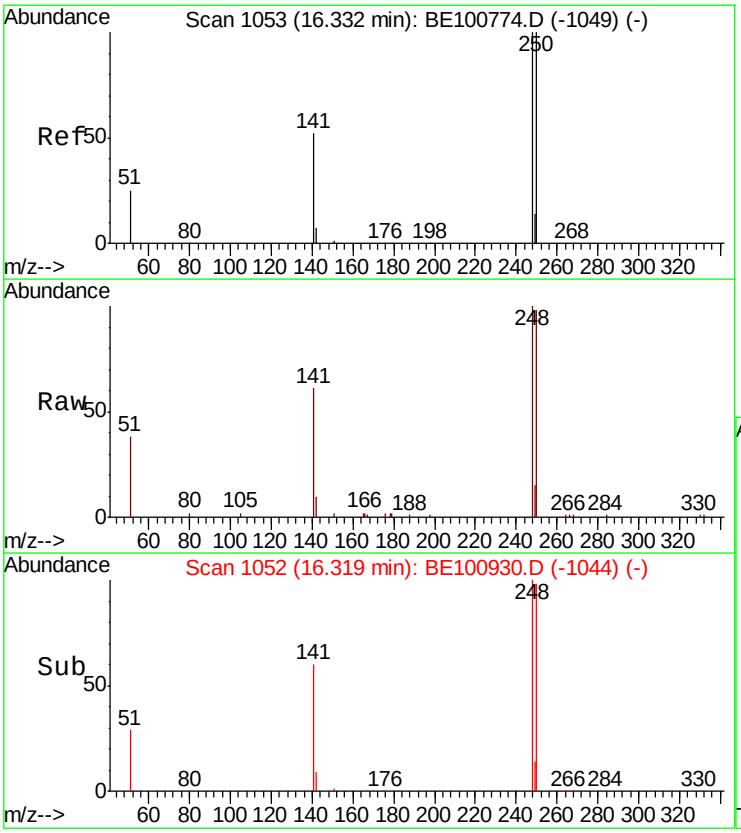
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 26942

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	7.9	11.9

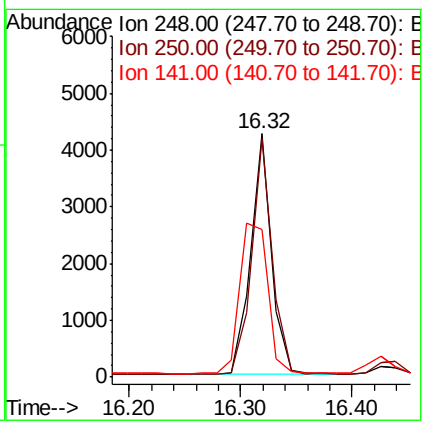


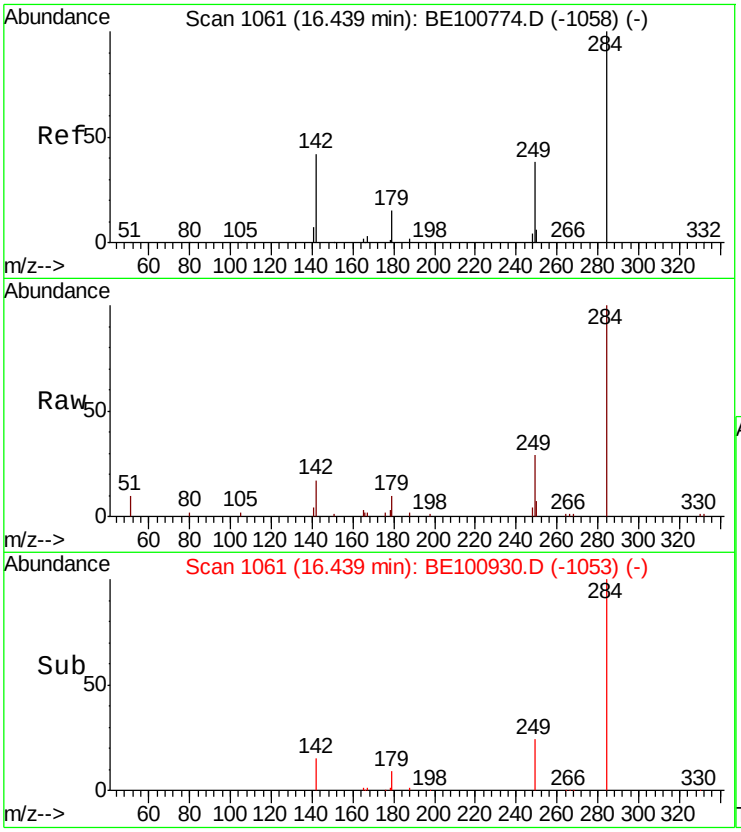


#20
4-Bromophenyl-phenylether
Concen: 0.416 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:248 Resp: 5497

Ion	Ratio	Lower	Upper
248	100		
250	98.0	72.4	108.6
141	60.9	68.2	102.2#



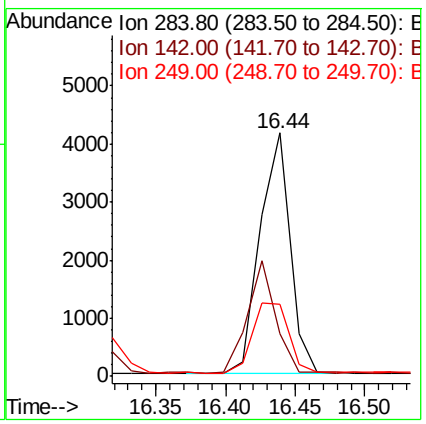


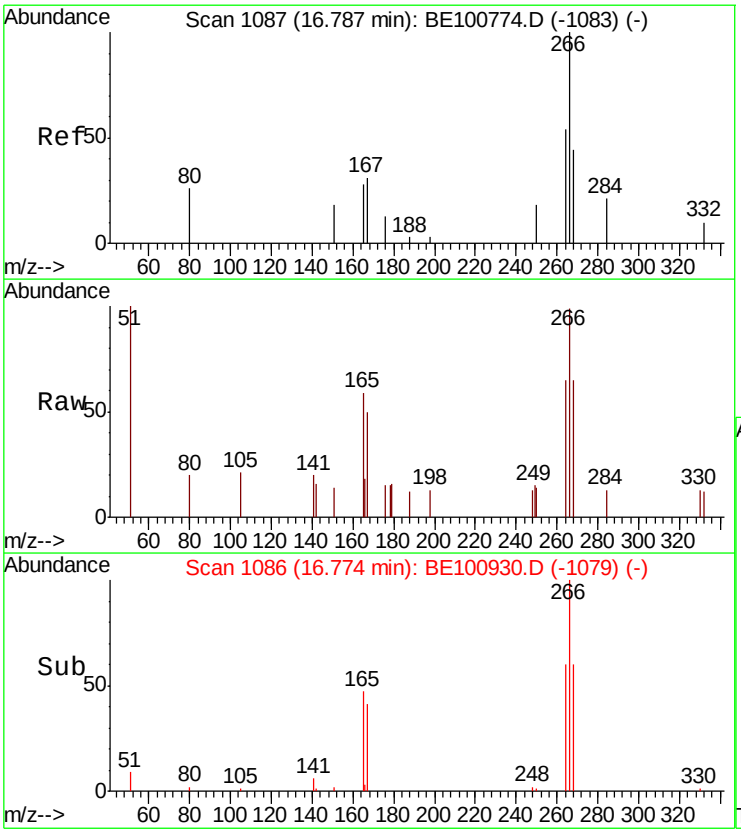
#21
Hexachlorobenzene
Concen: 0.435 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6252

Ion	Ratio	Lower	Upper
284	100		
142	42.9	35.0	52.4
249	34.5	28.1	42.1

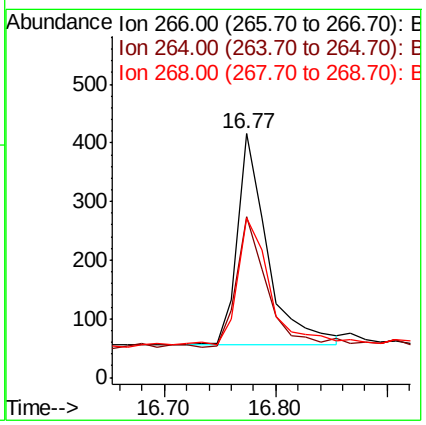


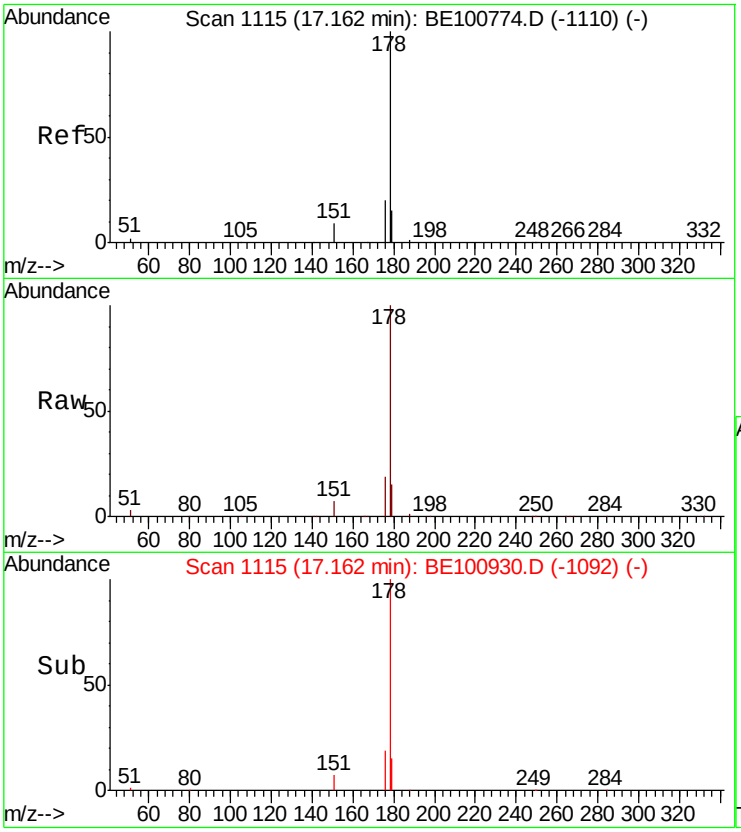


#22
Pentachlorophenol
Concen: 0.679 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:266 Resp: 674

Ion	Ratio	Lower	Upper
266	100		
264	66.1	55.1	82.7
268	65.6	50.7	76.1



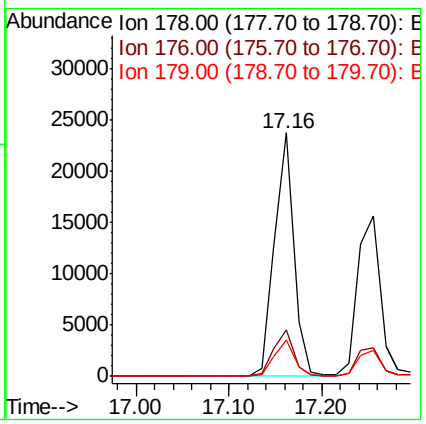


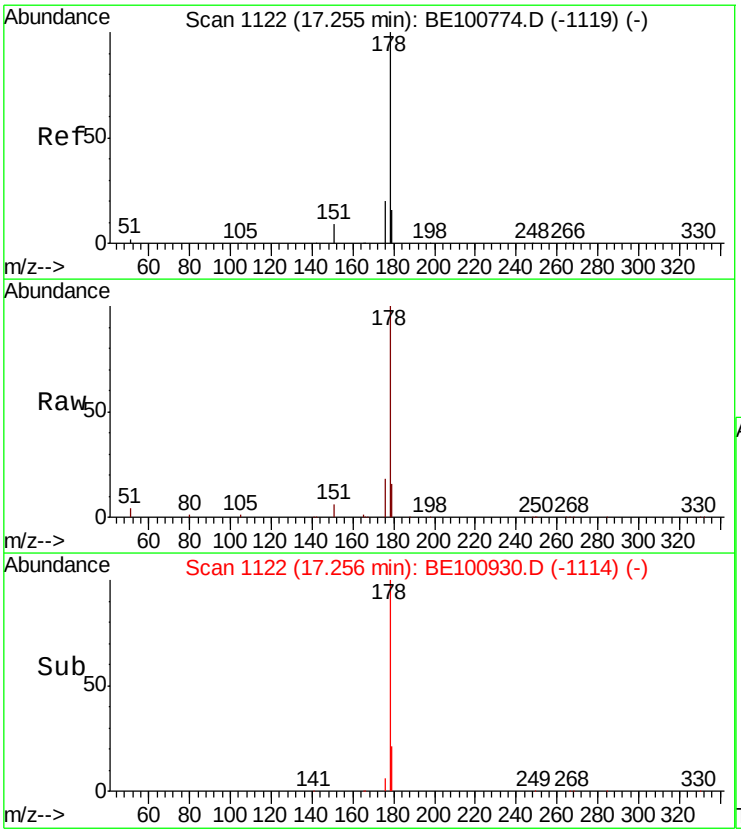
#23
Phenanthrene
Concen: 0.421 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 34359

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.0	11.9	17.9

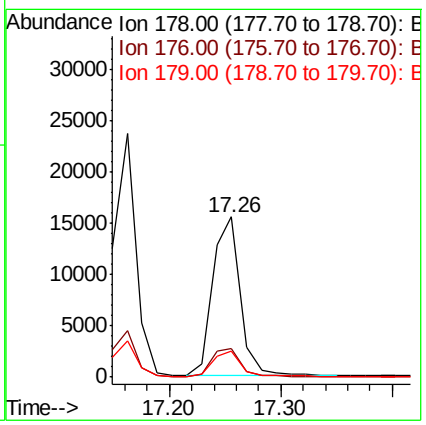


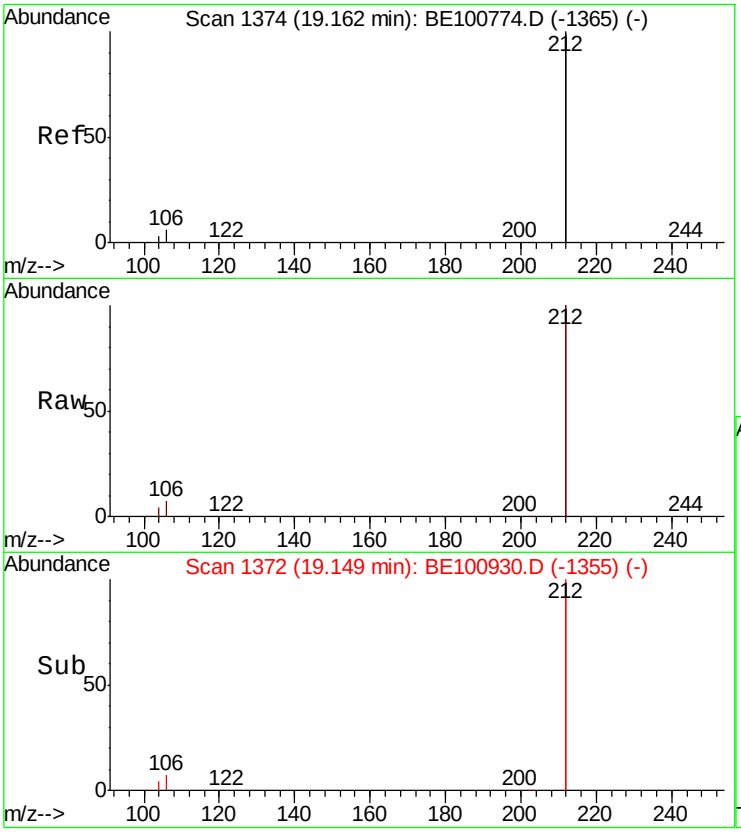


#24
Anthracene
Concen: 0.391 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:178 Resp: 26700

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.7	12.2	18.4



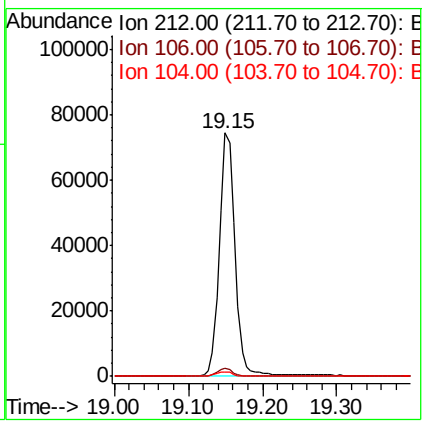


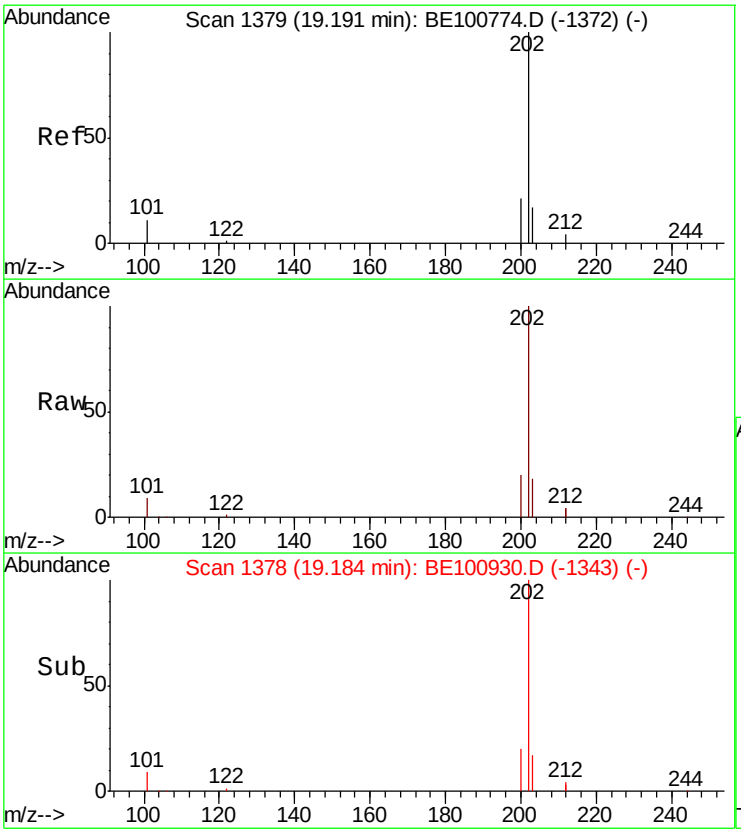
#25
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 108792

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.4	2.2

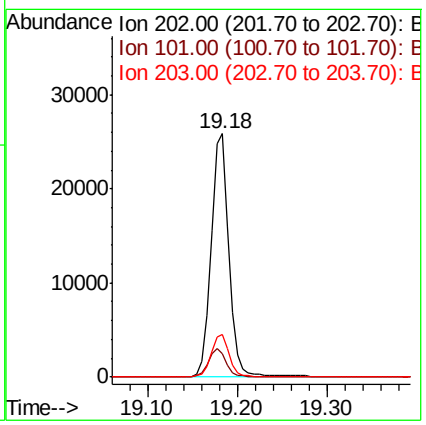


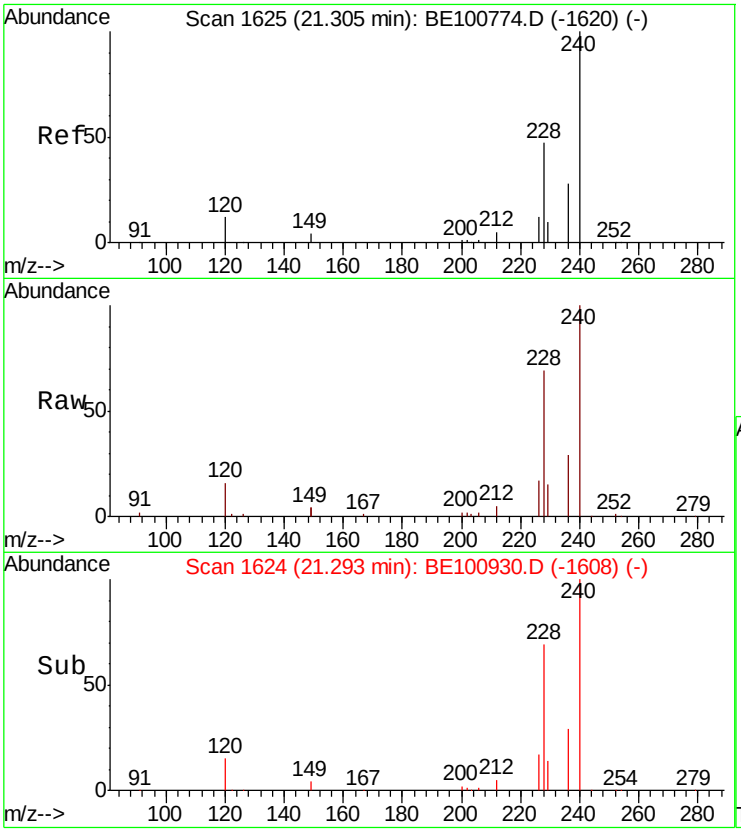


#26
Fluoranthene
Concen: 0.360 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:202 Resp: 35086

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.0
203	17.2	13.7	20.5



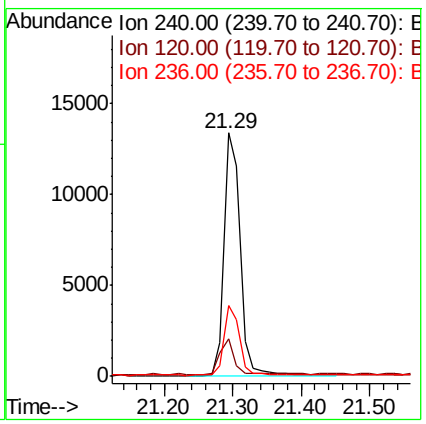


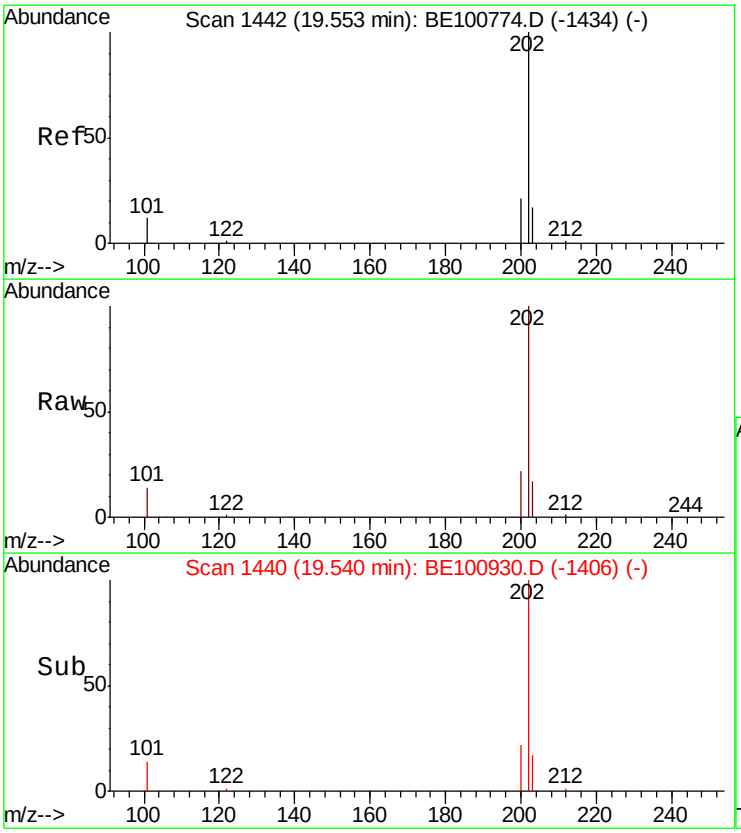
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 21700

Ion	Ratio	Lower	Upper
240	100		
120	15.5	4.0	6.0#
236	29.1	21.6	32.4

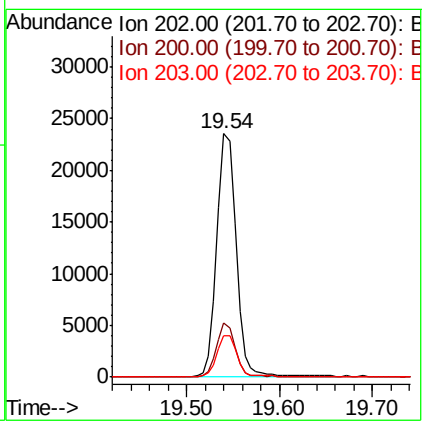


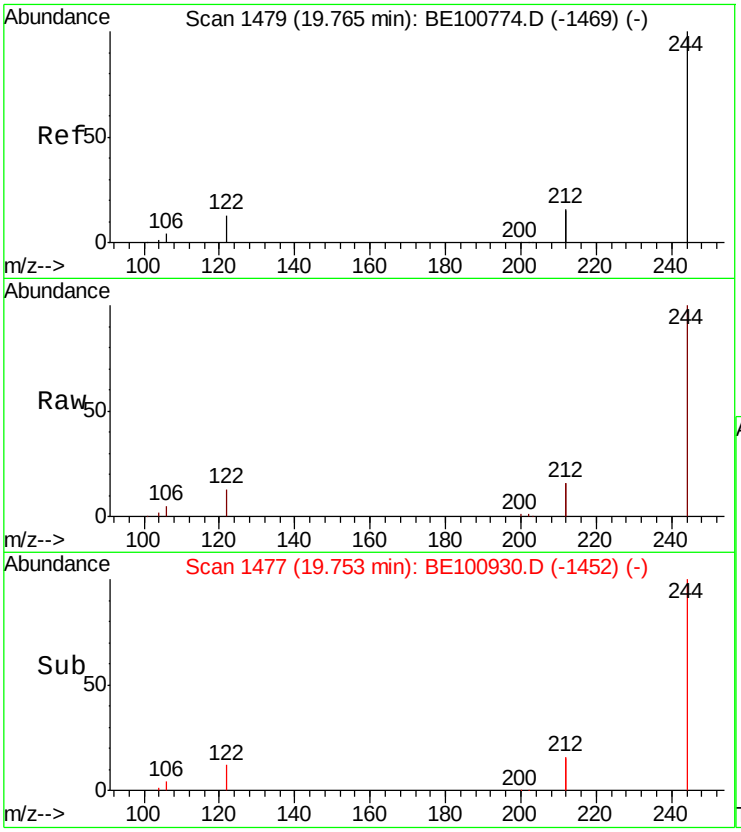


#28
Pyrene
Concen: 0.481 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:202 Resp: 33884

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.6	13.8	20.8



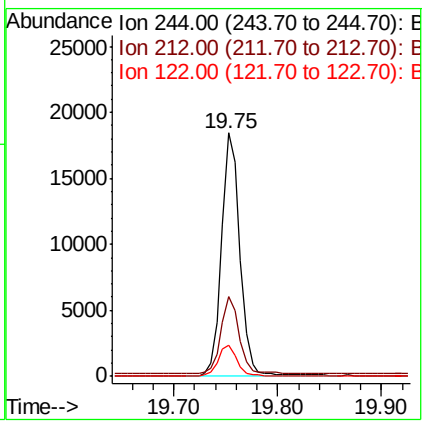


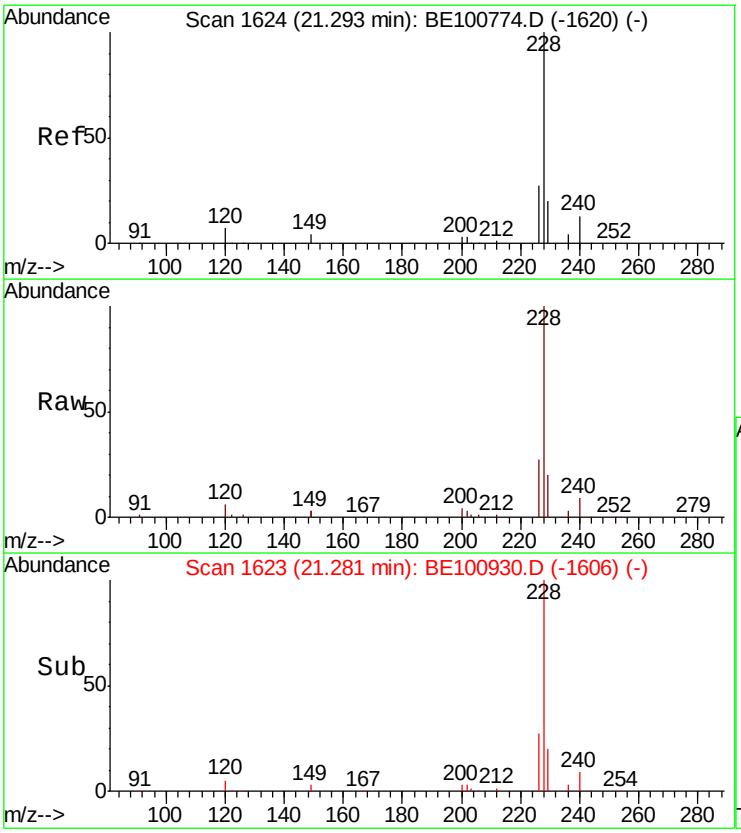
#29
Terphenyl-d14
Concen: 0.432 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 22445

Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.2	37.8
122	12.8	8.9	13.3

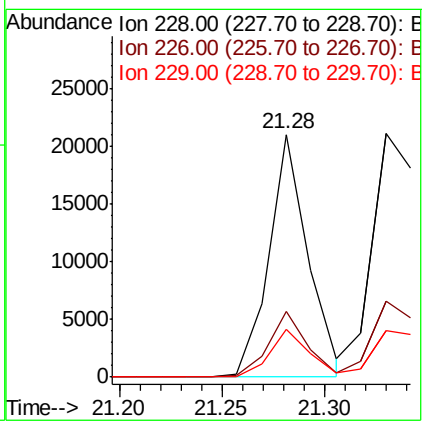


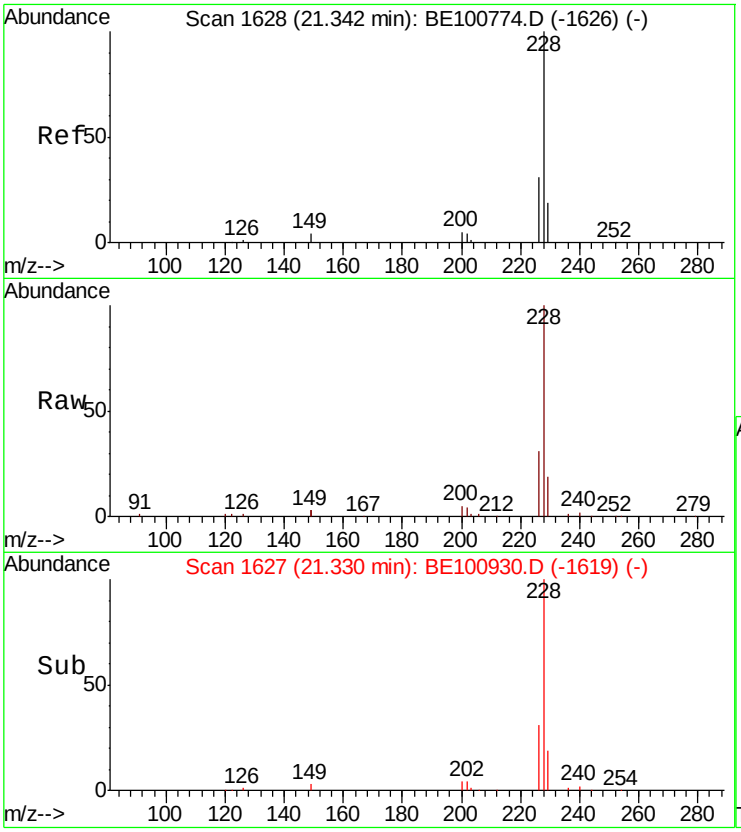


#30
Benzo(a)anthracene
Concen: 0.434 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:228 Resp: 27790

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.0
229	19.8	15.8	23.6



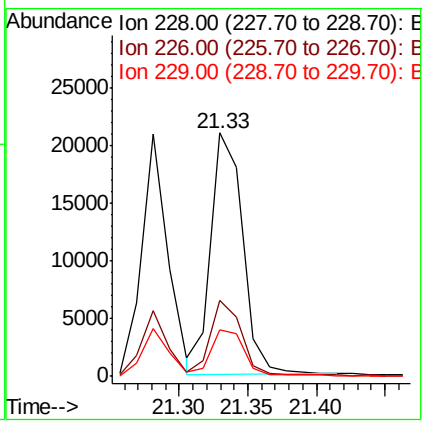


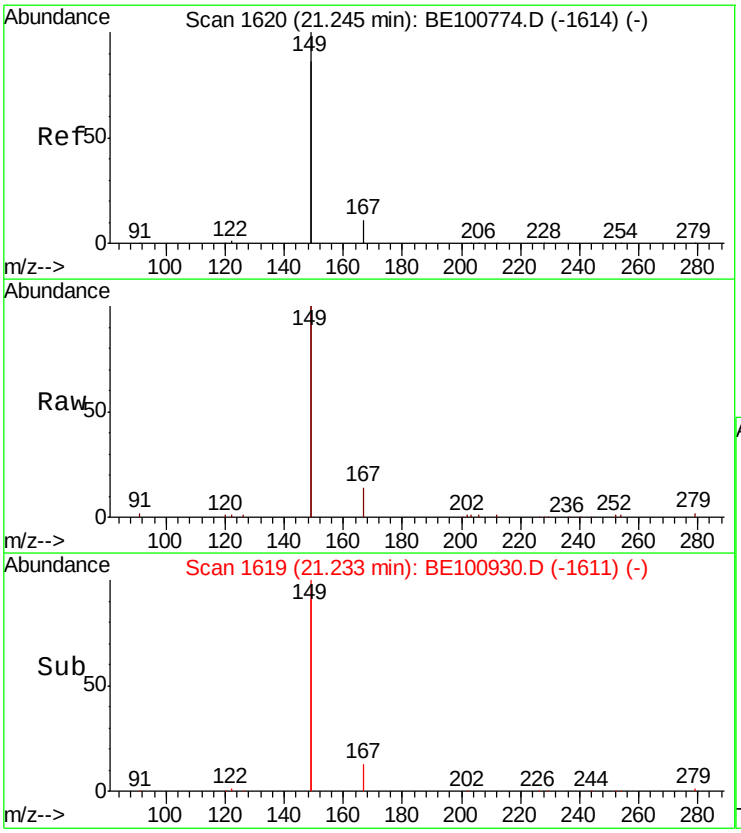
#31
Chrysene
Concen: 0.452 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 33985

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	19.0	15.2	22.8

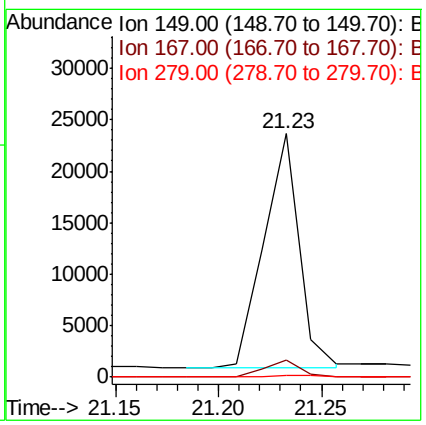


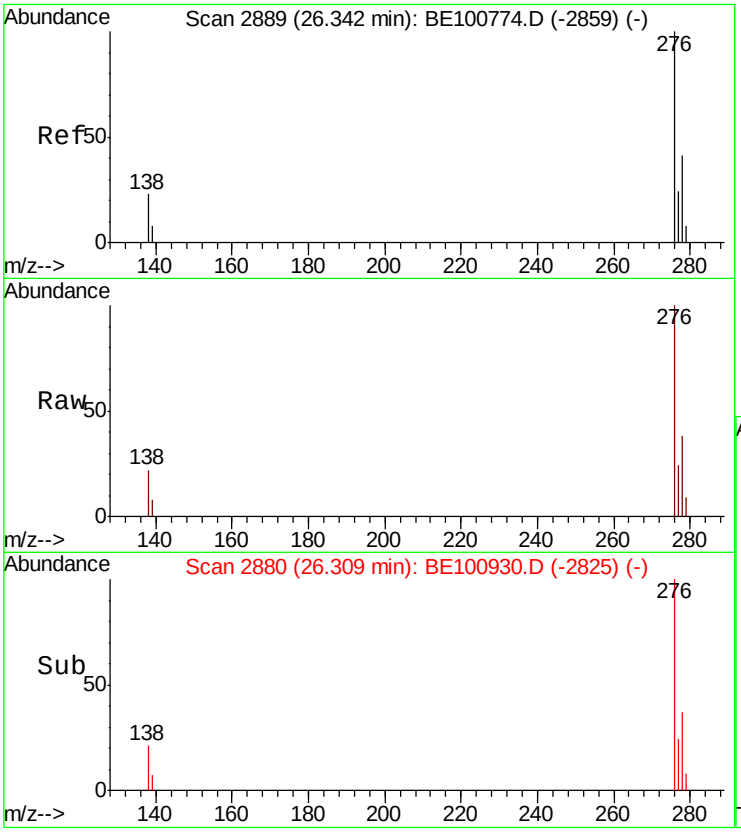


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.601 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:149 Resp: 27232

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.4
279	0.7	0.6	1.0



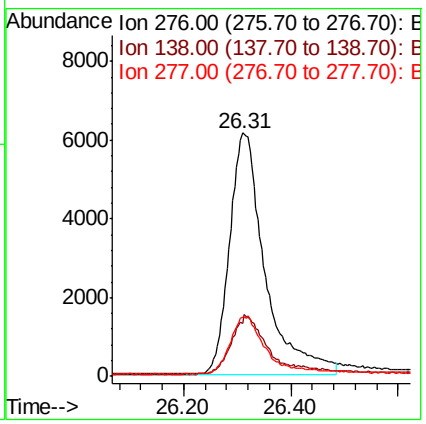


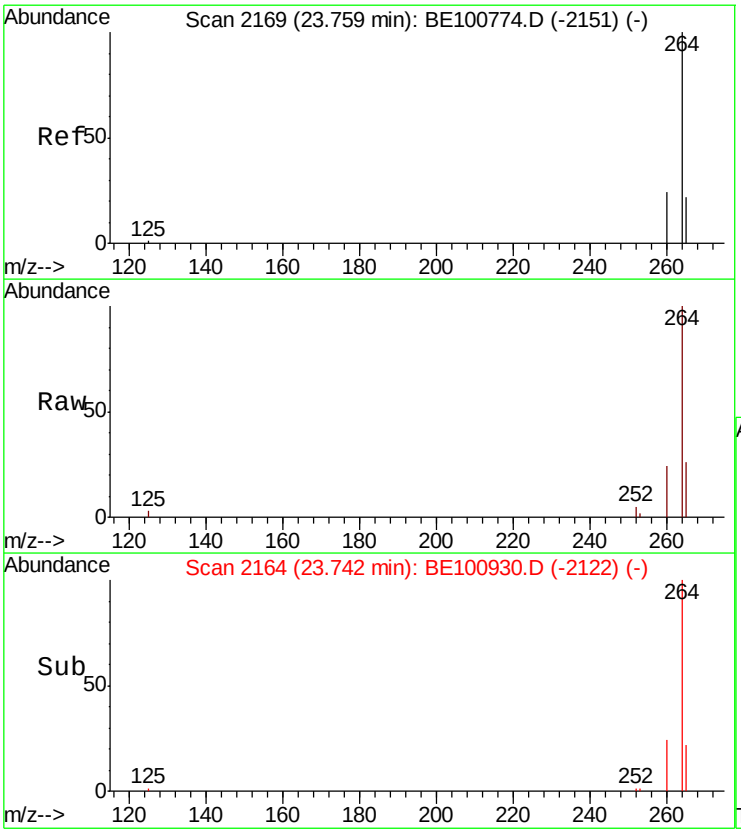
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28227

Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.4	27.6
277	23.2	19.4	29.2

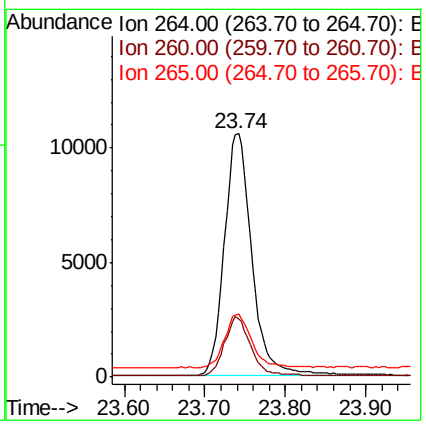


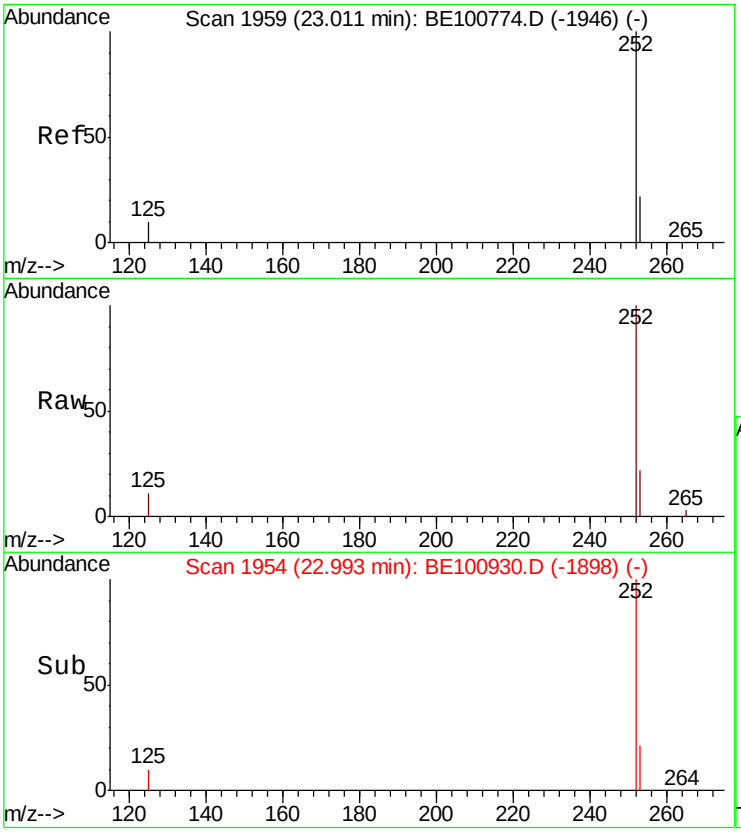


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:264 Resp: 25089

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	25.9	20.1	30.1



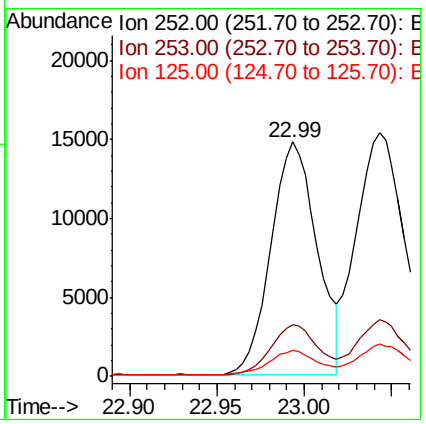


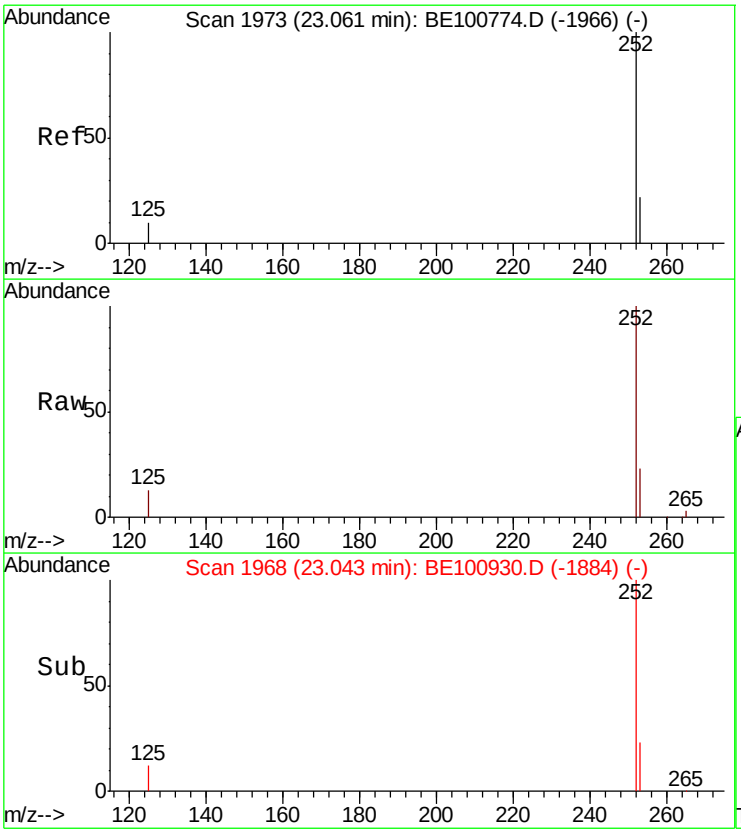
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.99 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 27176

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.1	8.3	12.5

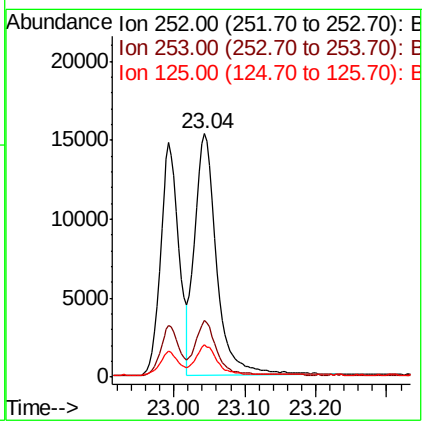


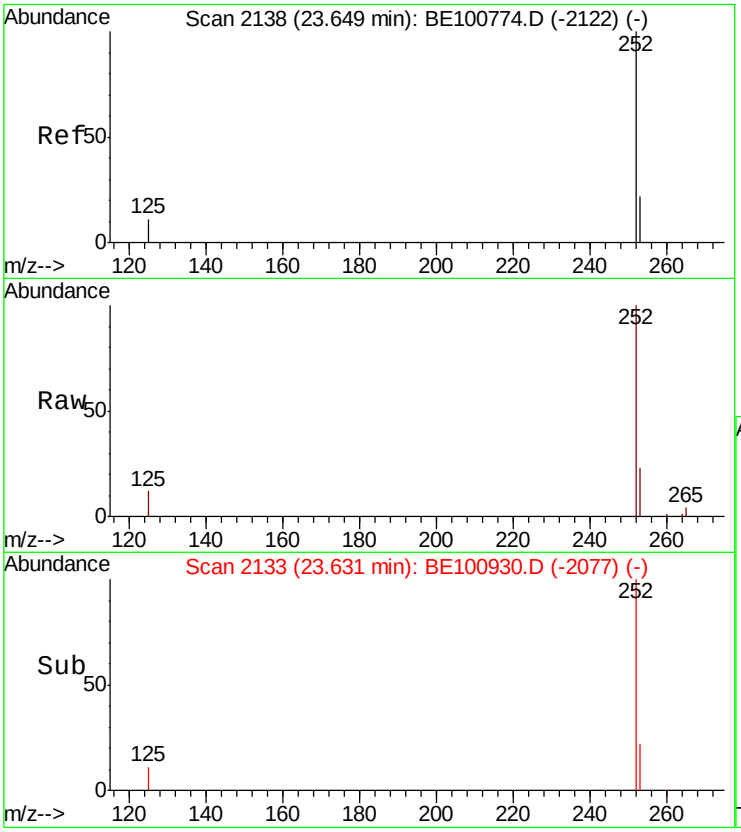


#36
Benzo(k)fluoranthene
Concen: 0.423 ng
RT: 23.04 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:252 Resp: 32553

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	13.1	9.4	14.0



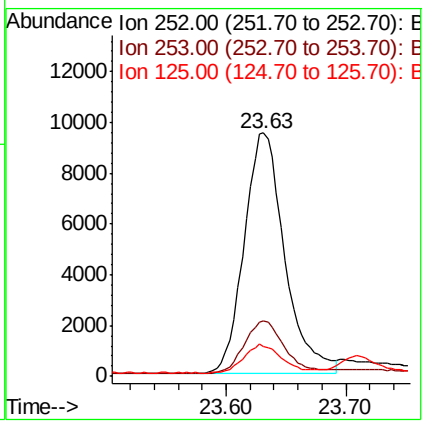


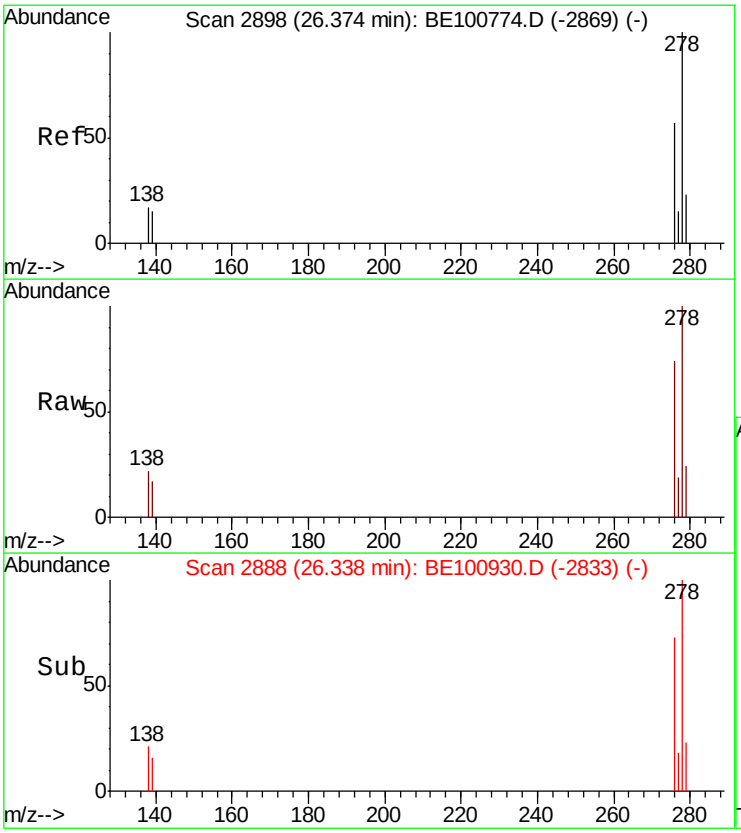
#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22281

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.4	9.9	14.9

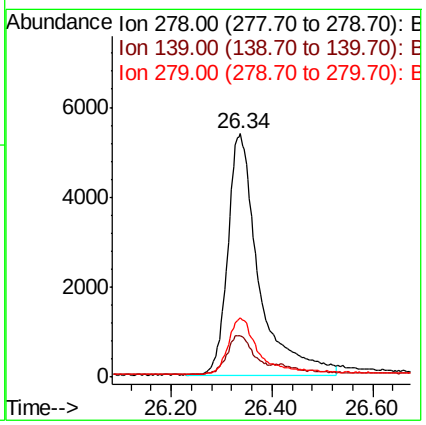


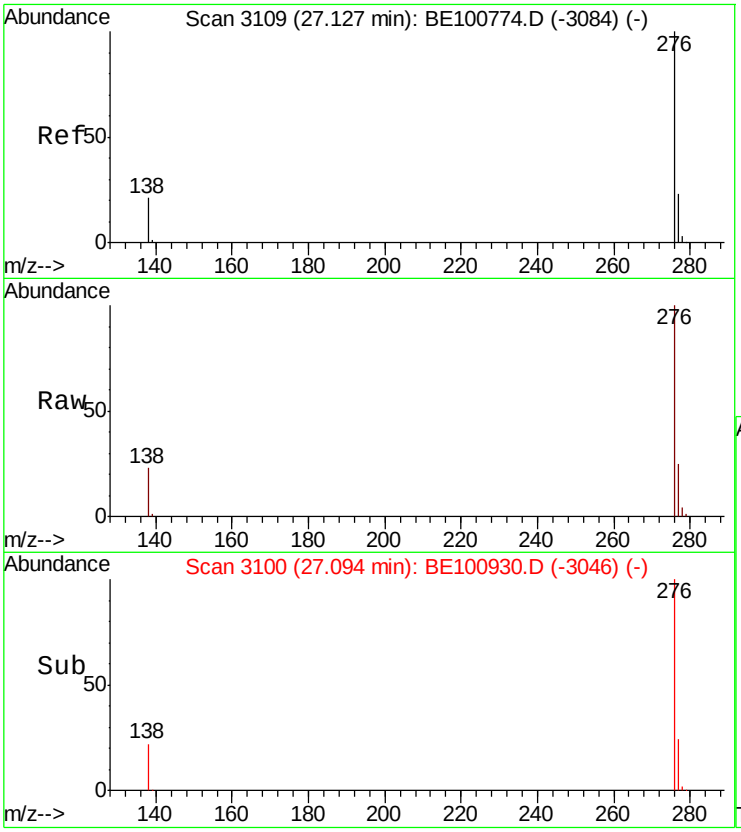


#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 26.34 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Tgt Ion:278 Resp: 22937

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.6
279	24.4	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.394 ng
RT: 27.09 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BE100930.D
Acq: 16 Dec 2019 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24953

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.7	29.5
138	22.9	18.0	27.0