Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120619\
Data File : BE100801.D
Acq On : 6 Dec 2019 11:08
Operator : JU
Sample : PB125273BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB125273BSD

Quant Time: Dec 06 12:48:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5265	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	24484	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	13664	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	32645	0.40	ng		-0.01
27) Chrysene-d12	21.30	240	34124	0.40	ng		0.00
34) Perylene-d12	23.75	264	40254	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	3583	0.29	ng		0.00
5) Phenol-d6	6.93	99	3501	0.19	ng		0.00
8) Nitrobenzene-d5	8.90	82	7290	0.63	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	17068	0.48	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1746	1.15	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	21722	0.40	ng		0.00
25) Fluoranthene-d10	19.16	212	157801	0.41	ng		0.00
29) Terphenyl-d14	19.77	244	38662	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1465	0.153	ng	#	1
3) n-Nitrosodimethylamine	3.65	42	1410	0.180	ng	#	79
6) bis(2-Chloroethyl)ether	7.19	93	7441	0.408	ng		98
9) Naphthalene	10.59	128	100274	0.385	ng		100
10) Hexachlorobutadiene	10.89	225	3351	0.330	ng		97
12) 2-Methylnaphthalene	12.21	142	15978	0.393	ng		98
16) Acenaphthylene	14.11	152	23745	0.420	ng		99
17) Acenaphthene	14.46	154	15203	0.390	ng		97
18) Fluorene	15.43	166	20515	0.408	ng		97
20) 4-Bromophenyl-phenylether	16.33	248	6186	0.386	ng	#	93
21) Hexachlorobenzene	16.44	284	6082	0.350	ng		99
22) Pentachlorophenol	16.79	266	2455	2.040	ng	#	81
23) Phenanthrene	17.16	178	39198	0.396	ng		99
24) Anthracene	17.26	178	34393	0.416	ng		99
26) Fluoranthene	19.19	202	46247	0.392	ng		100
28) Pyrene	19.55	202	46947	0.423	ng		99
30) Benzo(a)anthracene	21.29	228	45649	0.454	ng		100
31) Chrysene	21.34	228	45725	0.387	ng		98
32) Bis(2-ethylhexyl)phthalate	21.24	149	104893	1.272	ng		99
33) Indeno(1,2,3-cd)pyrene	26.32	276	49906	0.485	ng		99
35) Benzo(b)fluoranthene	23.00	252	44938	0.408	ng		100
36) Benzo(k)fluoranthene	23.05	252	46520	0.376	ng		98
37) Benzo(a)pyrene	23.64	252	43030	0.451	ng		99
38) Dibenzo(a,h)anthracene	26.35	278	41684	0.439	ng		100
39) Benzo(g,h,i)perylene	27.12	276	43120	0.425	ng		98

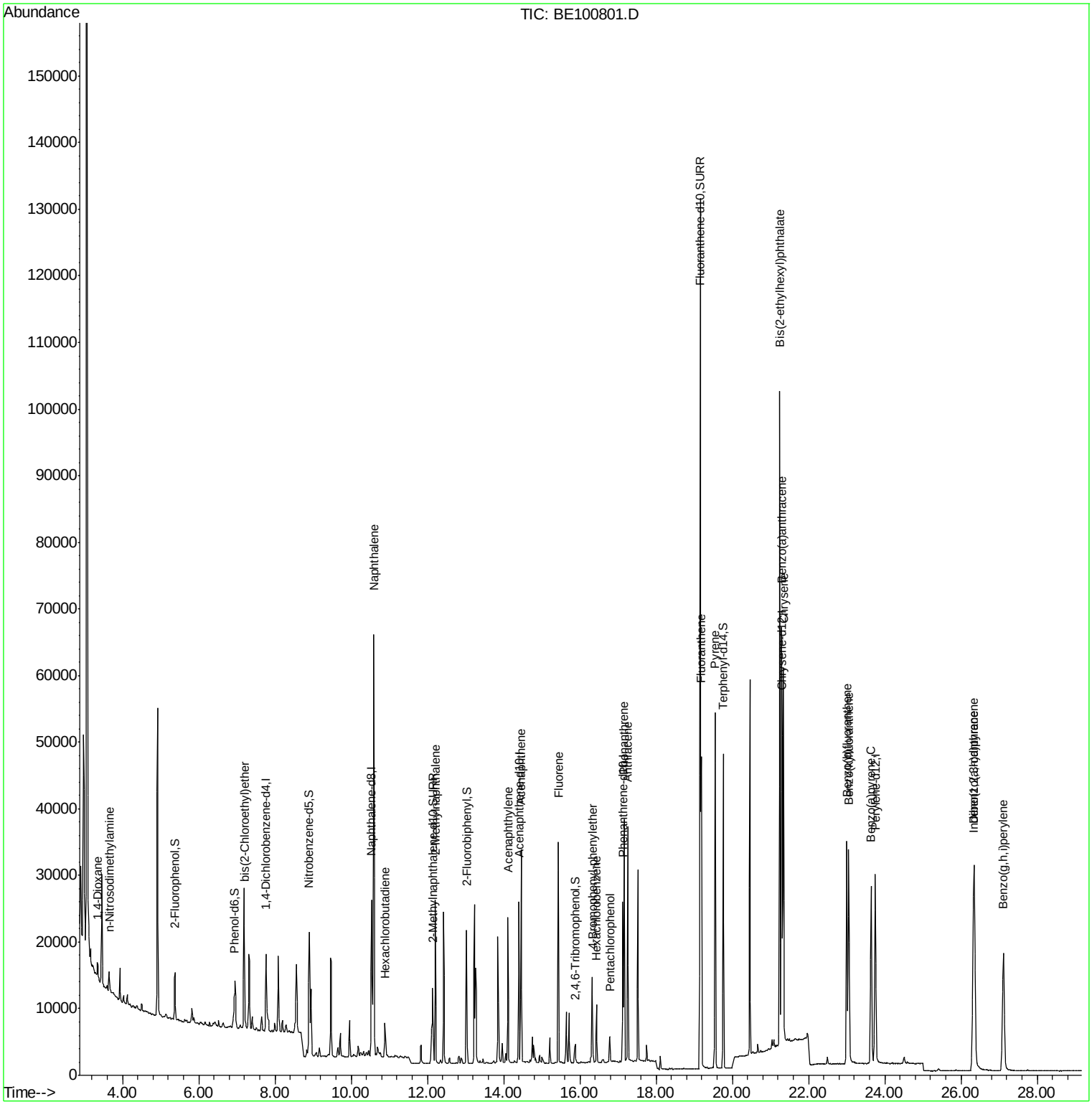
(#) = qualifier out of range (m) = manual integration (+) = signals summed

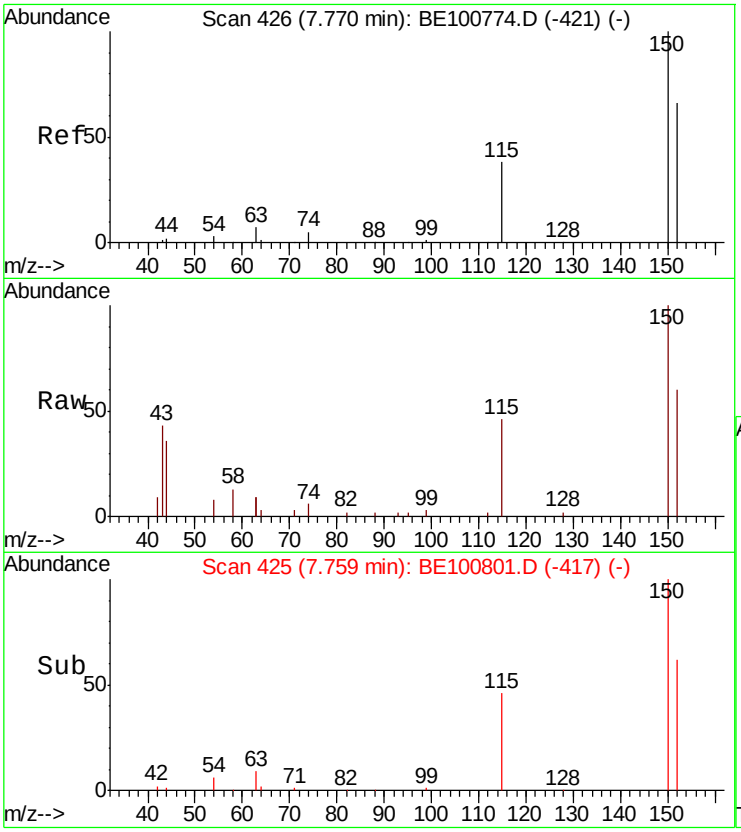
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120619\
Data File : BE100801.D
Acq On : 6 Dec 2019 11:08
Operator : JU
Sample : PB125273BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Quant Time: Dec 06 12:48:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



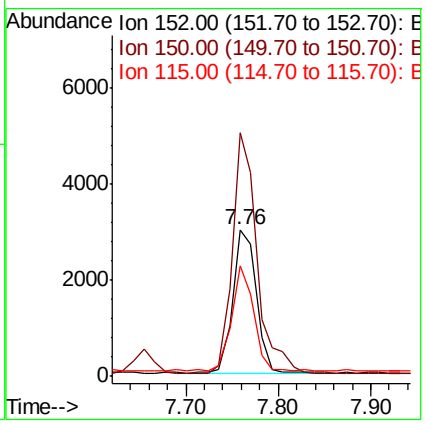


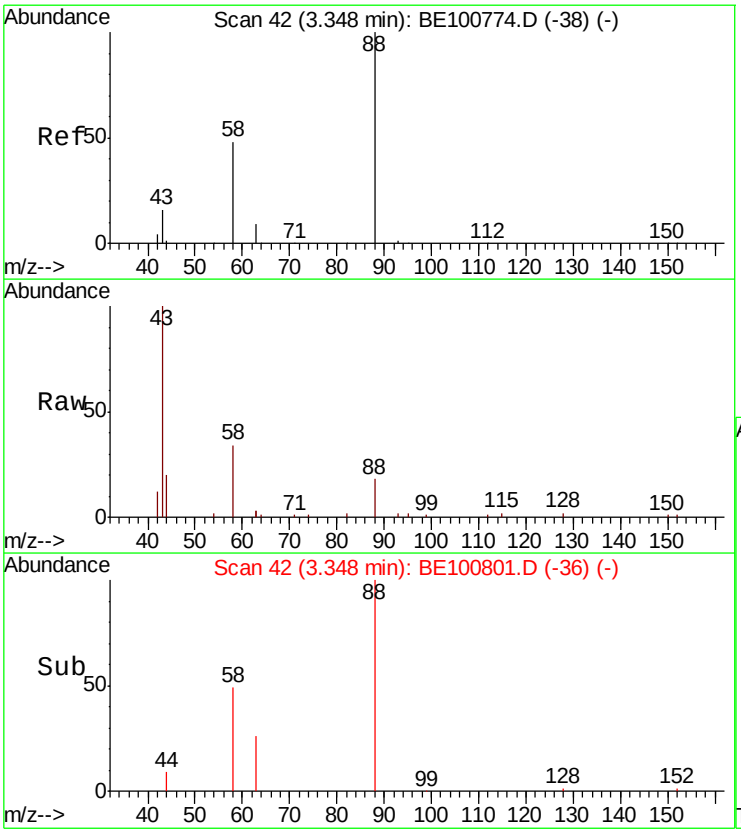
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:152 Resp: 5265

Ion	Ratio	Lower	Upper
152	100		
150	166.4	120.6	181.0
115	75.8	47.4	71.2#

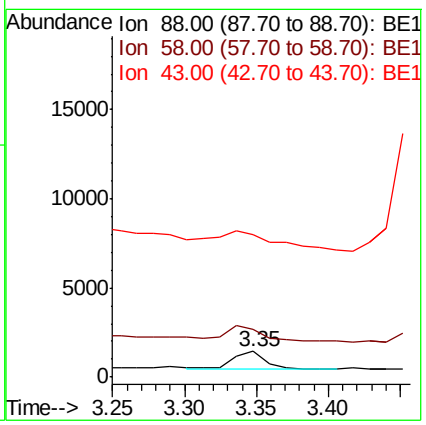


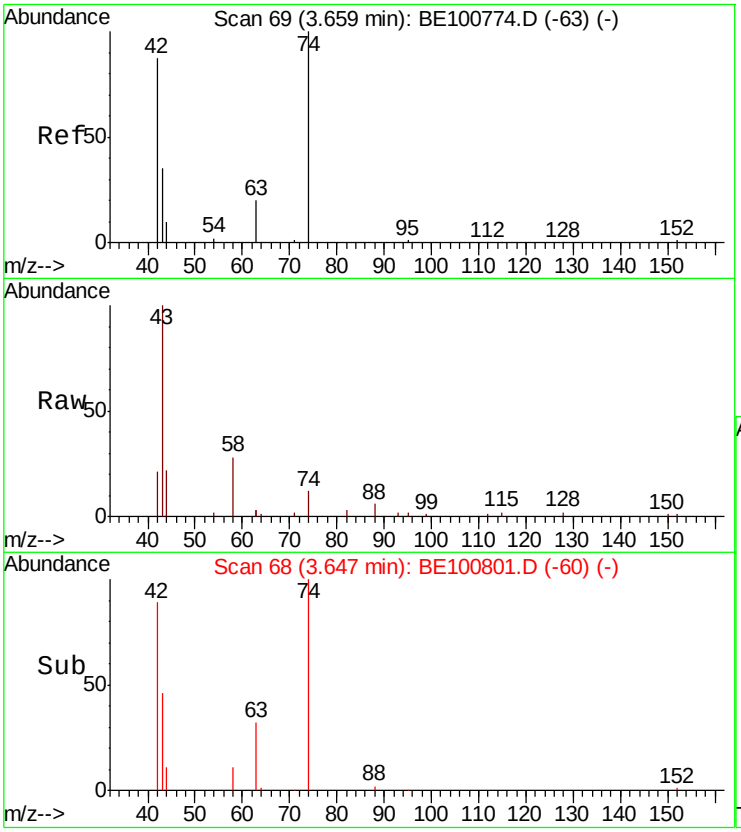


#2
1,4-Dioxane
Concen: 0.153 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion: 88 Resp: 1465

Ion	Ratio	Lower	Upper
88	100		
58	117.5	52.5	78.7#
43	211.5	23.0	34.6#



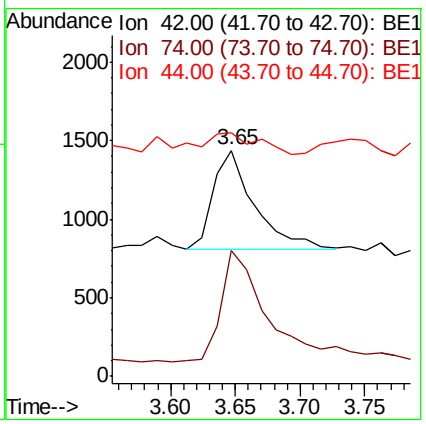


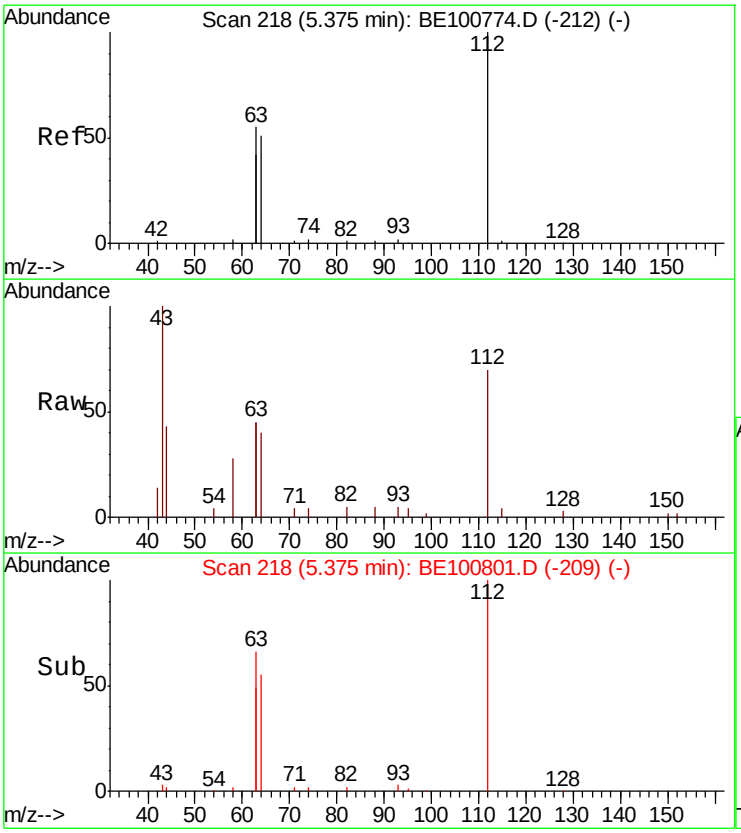
#3
n-Nitrosodimethylamine
Concen: 0.180 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion: 42 Resp: 1410

Ion	Ratio	Lower	Upper
42	100		
74	130.1	86.3	129.5#
44	22.8	11.6	17.4#

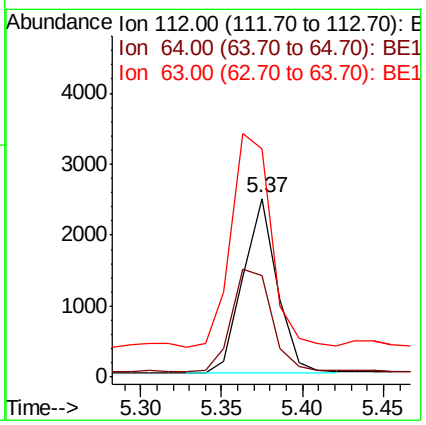


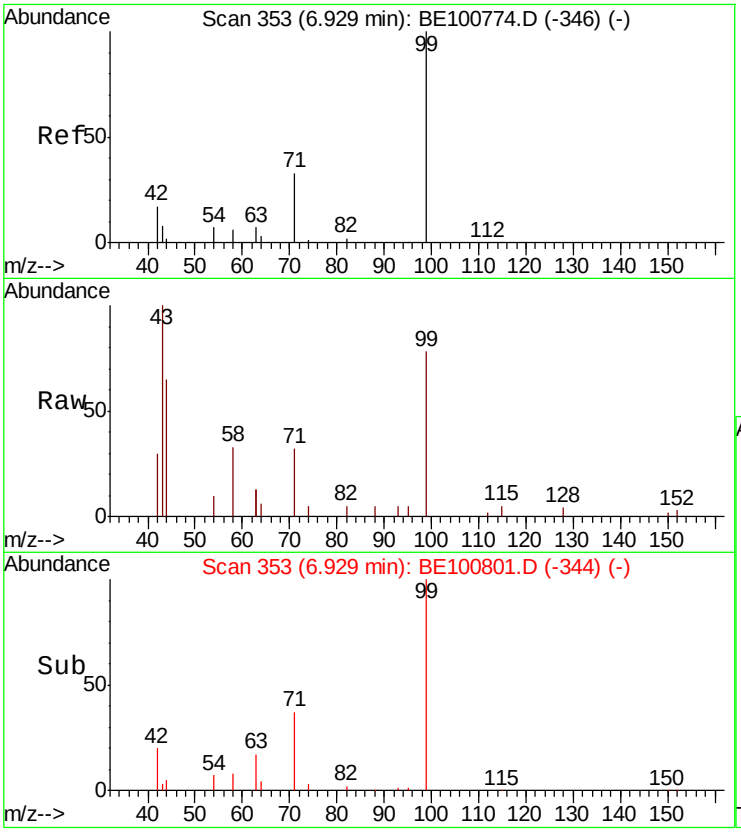


#4
2-Fluorophenol
Concen: 0.287 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:112 Resp: 3583

Ion	Ratio	Lower	Upper
112	100		
64	68.8	54.1	81.1
63	143.8	113.2	169.8



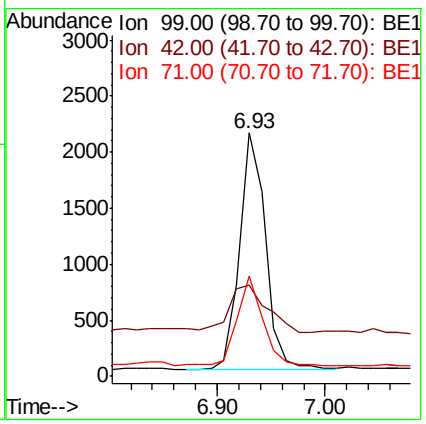


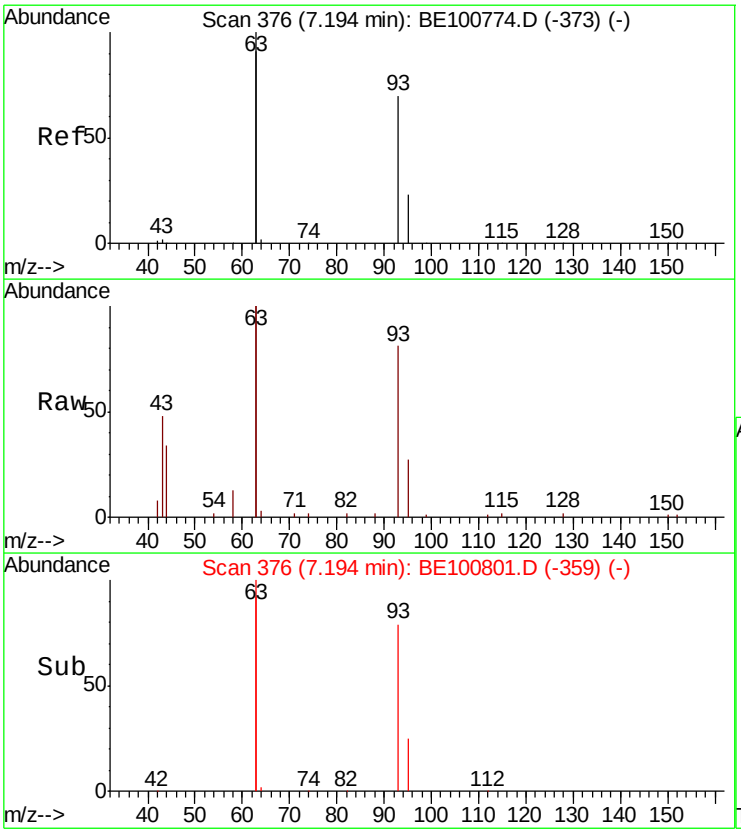
#5
Phenol-d6
Concen: 0.186 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion: 99 Resp: 3501

Ion	Ratio	Lower	Upper
99	100		
42	29.2	19.1	28.7#
71	38.2	27.7	41.5

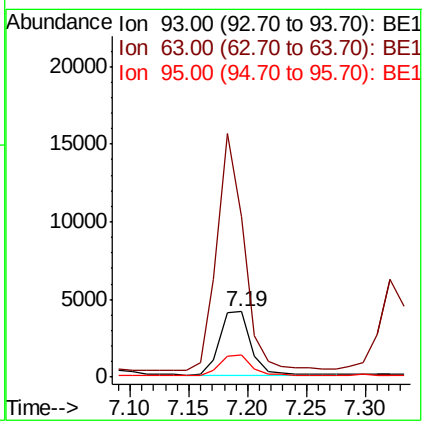


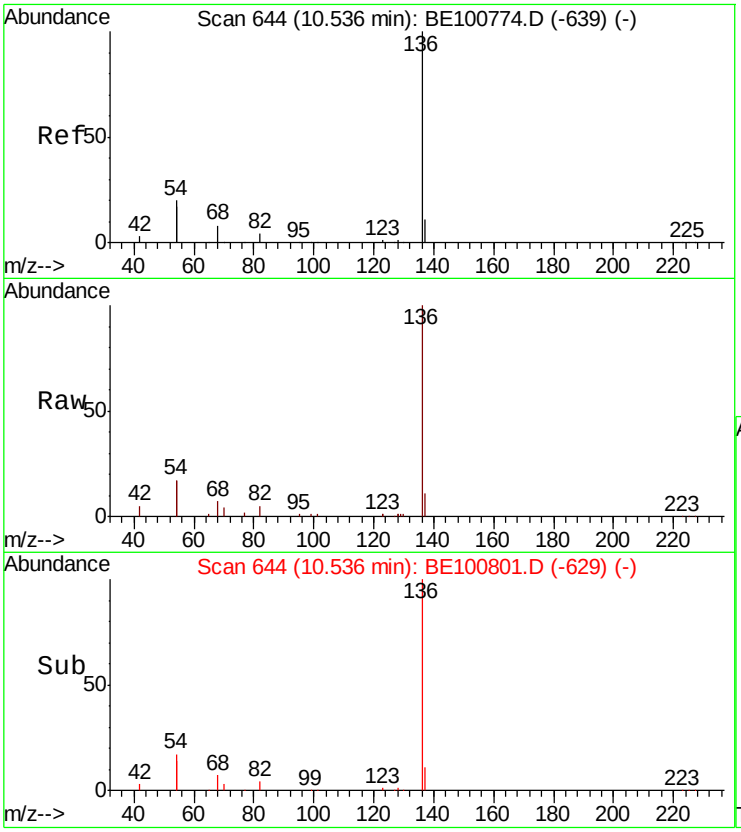


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion: 93 Resp: 7441

Ion	Ratio	Lower	Upper
93	100		
63	328.4	259.4	389.0
95	33.4	26.2	39.2



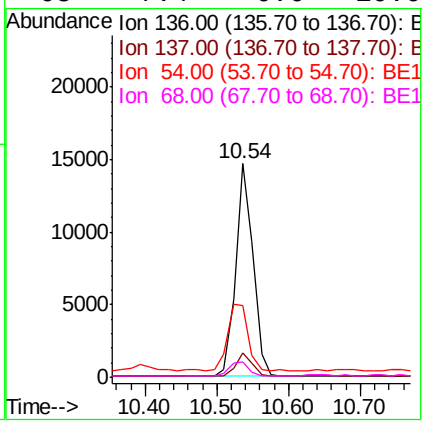


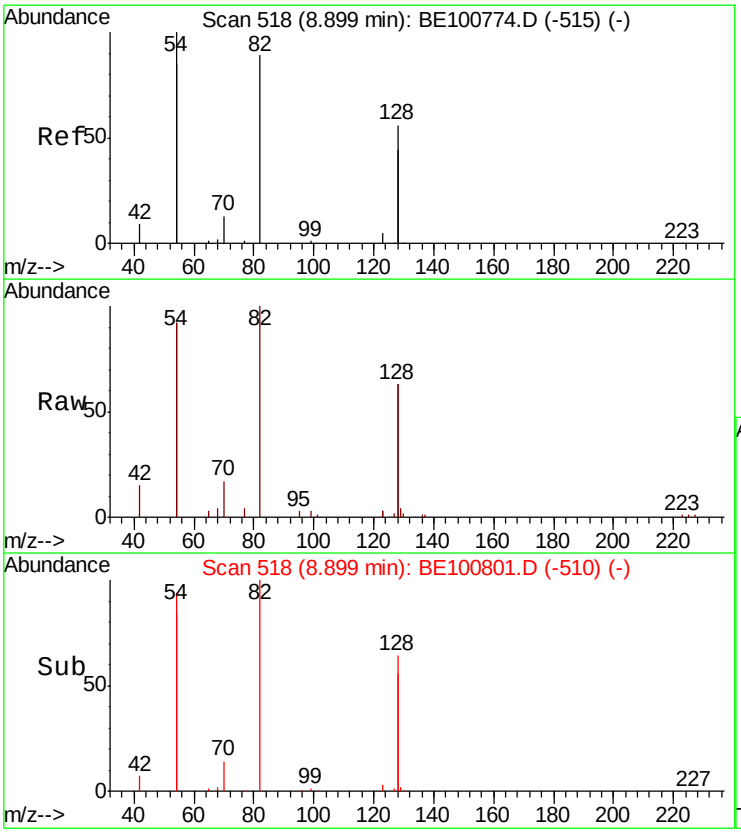
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:136 Resp: 24484

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	33.4	31.1	46.7
68	7.4	6.6	10.0

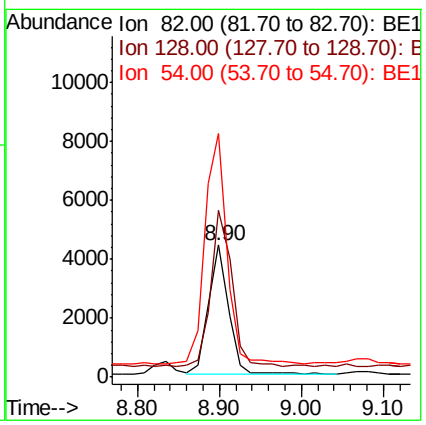


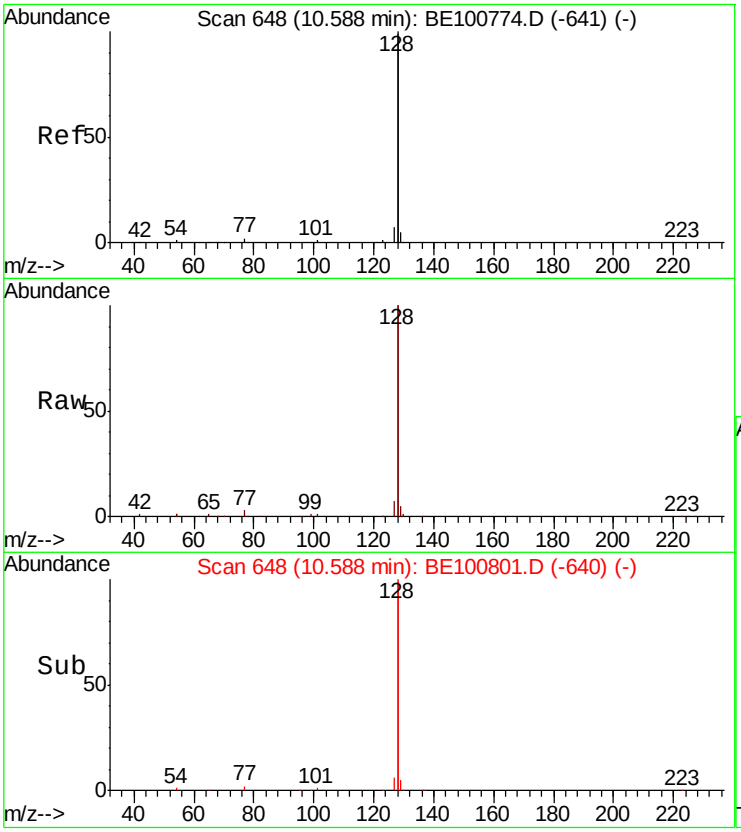


#8
Nitrobenzene-d5
Concen: 0.625 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion: 82 Resp: 7290

Ion	Ratio	Lower	Upper
82	100		
128	126.0	97.0	145.4
54	184.4	171.8	257.6



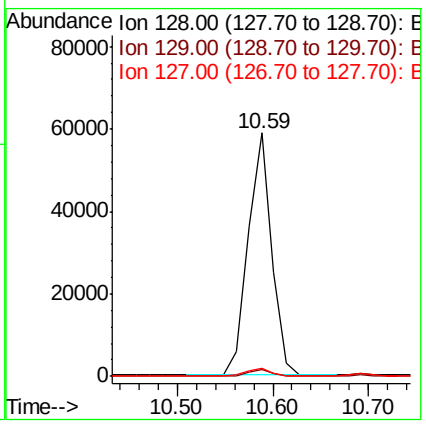


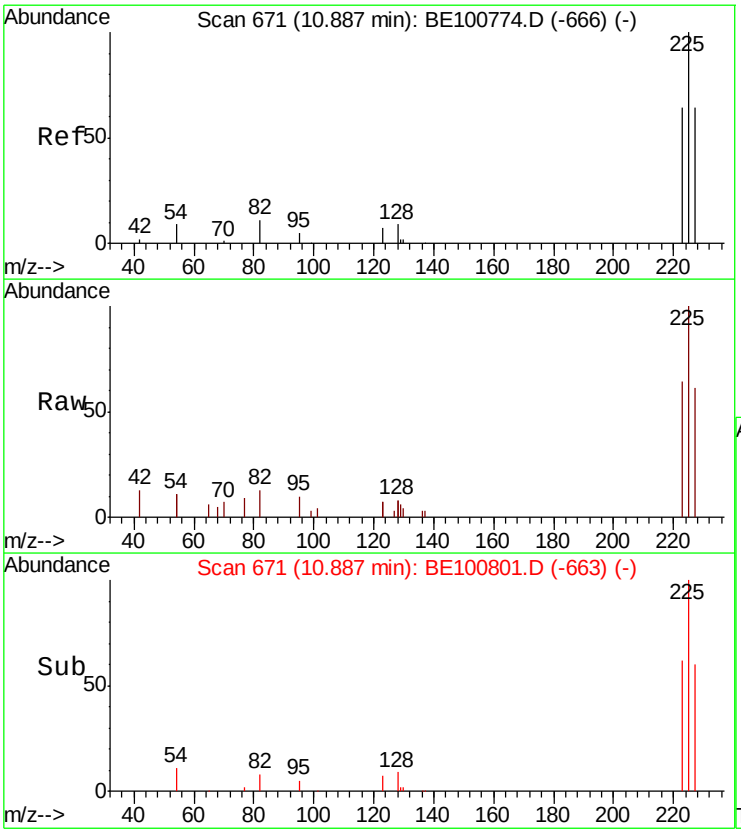
#9
Naphthalene
Concen: 0.385 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:128 Resp: 100274

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.3	2.7	4.1

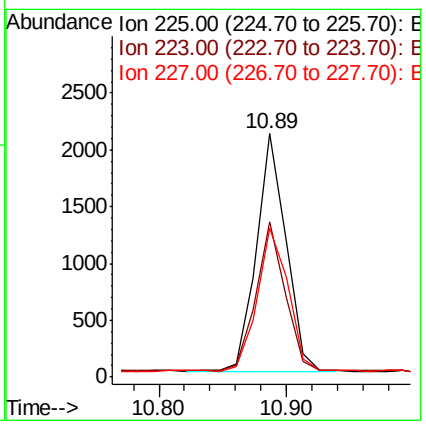


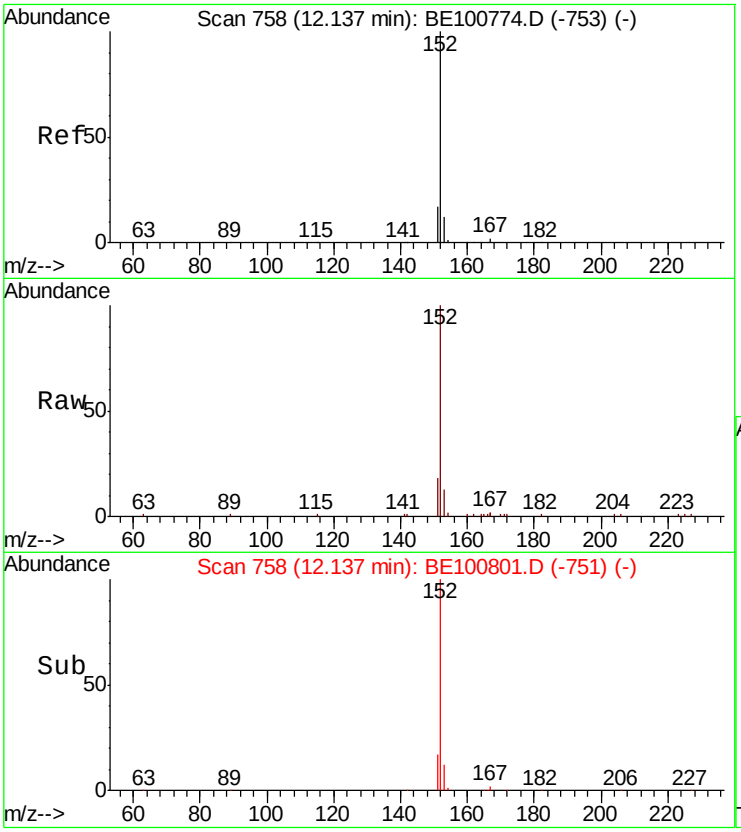


#10
Hexachlorobutadiene
Concen: 0.330 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:225 Resp: 3351

Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.9	74.9
227	62.4	52.2	78.4



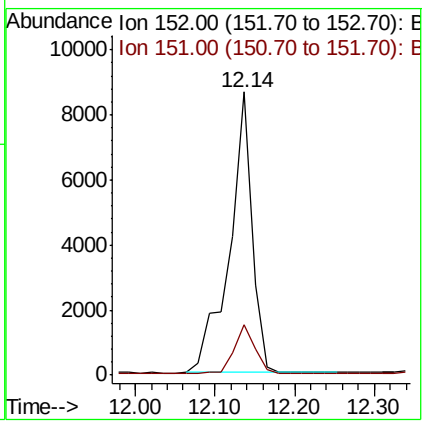


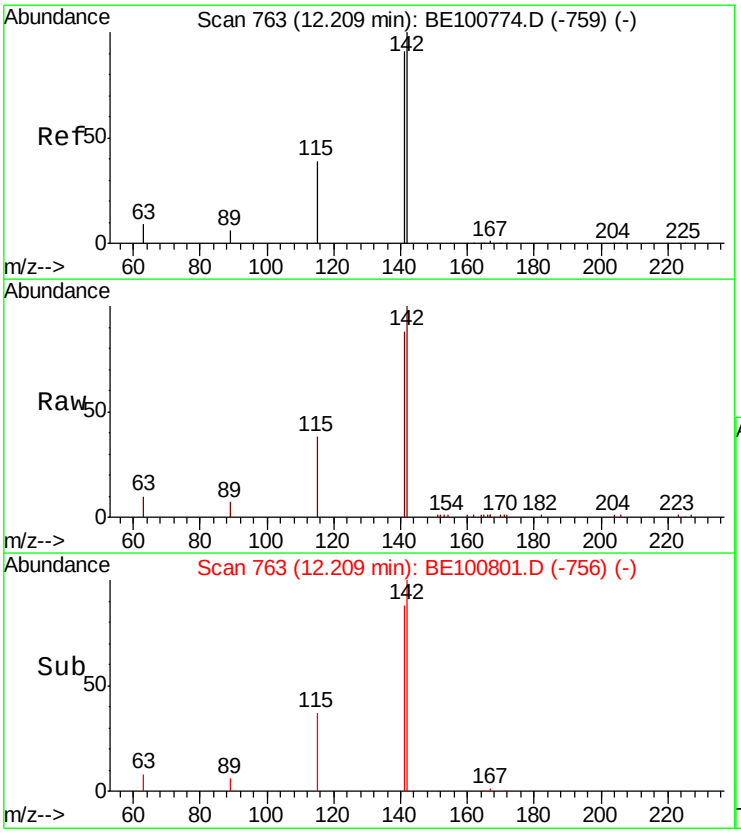
#11
2-Methylnaphthalene-d10
Concen: 0.481 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:152 Resp: 17068

Ion	Ratio	Lower	Upper
152	100		
151	15.6	15.8	23.8#

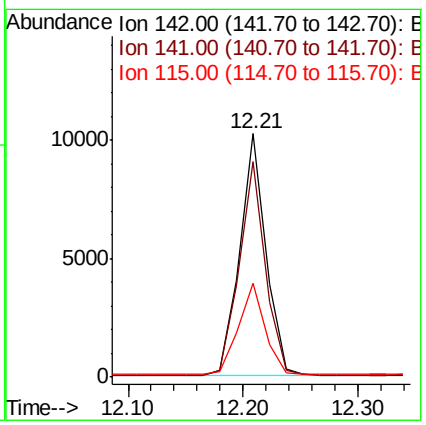


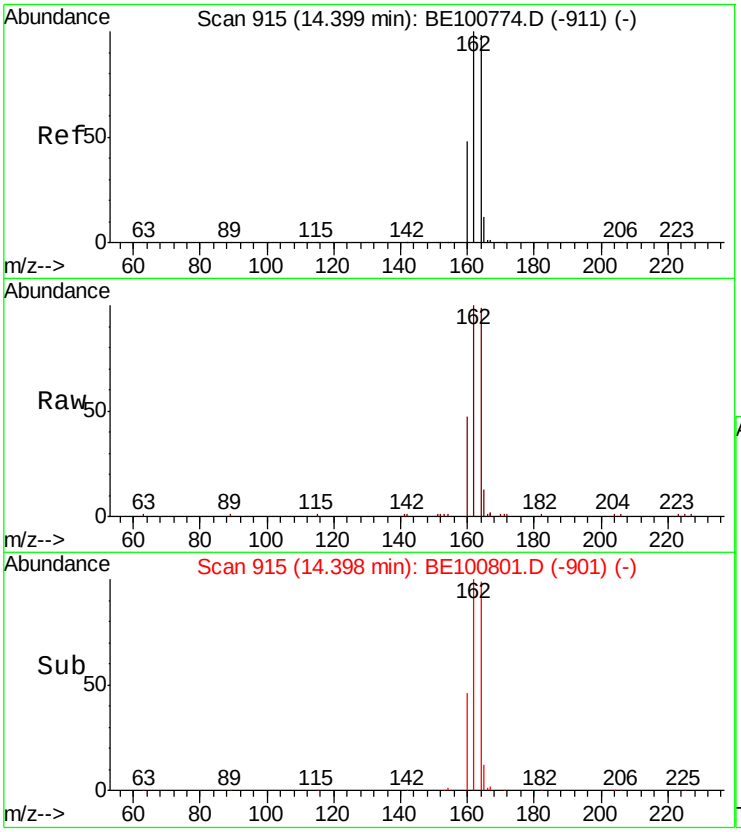


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:142 Resp: 15978

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8
115	38.3	31.8	47.6



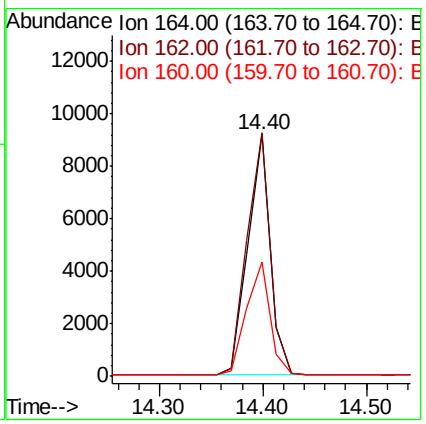


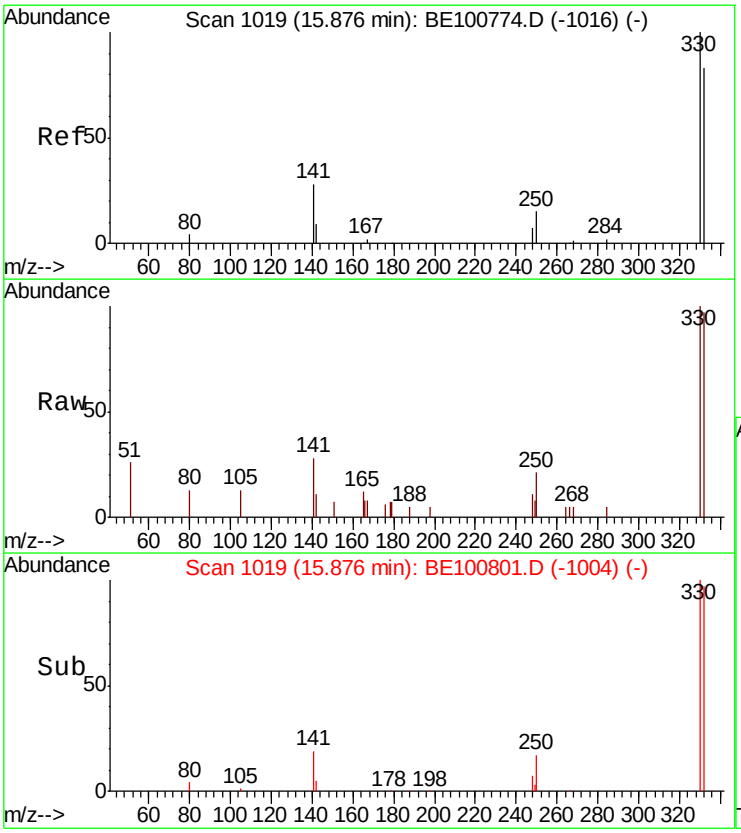
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:164 Resp: 13664

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	47.2	39.4	59.0

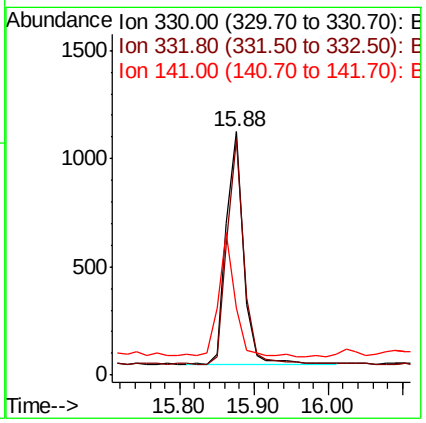


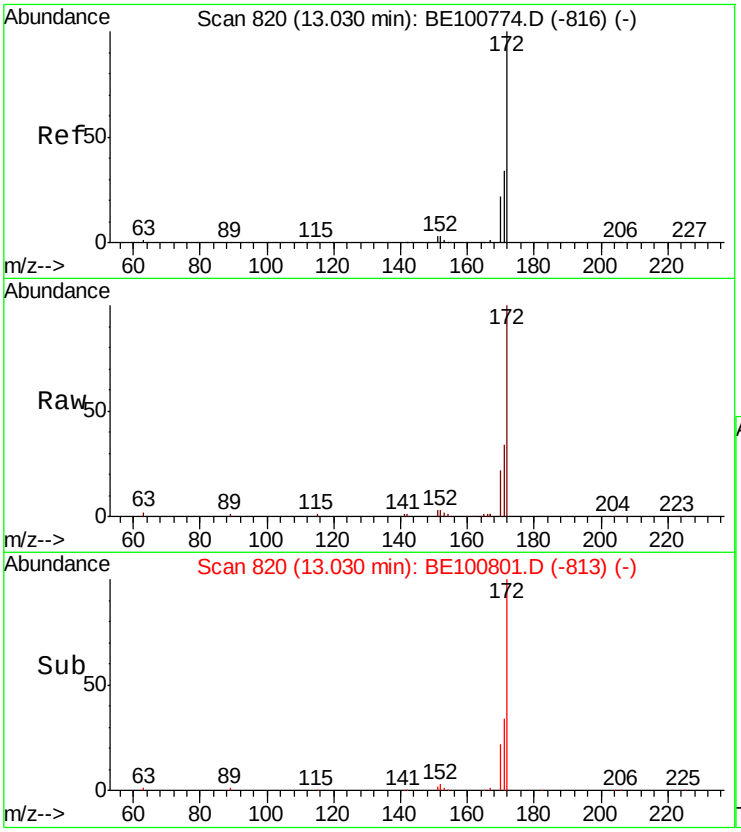


#14
2,4,6-Tribromophenol
Concen: 1.149 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:330 Resp: 1746

Ion	Ratio	Lower	Upper
330	100		
332	95.1	69.4	104.2
141	51.3	51.1	76.7



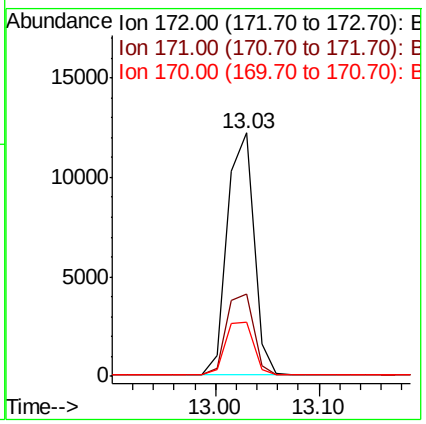


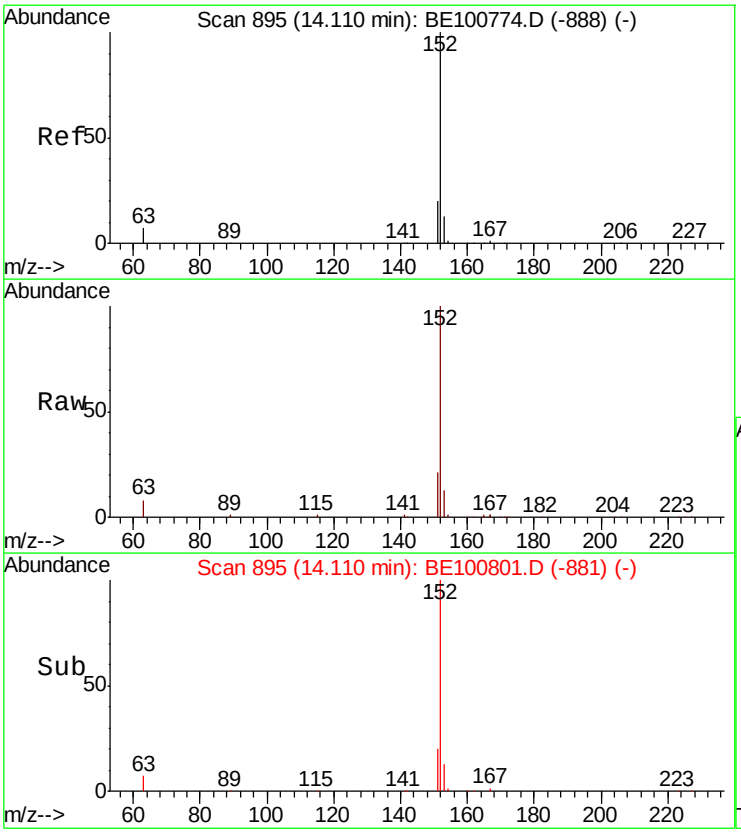
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:172 Resp: 21722

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.2	40.8
170	22.1	18.0	27.0

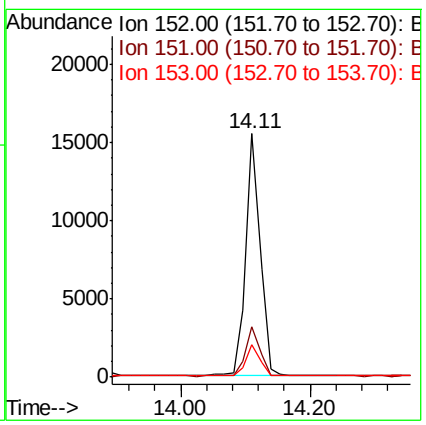


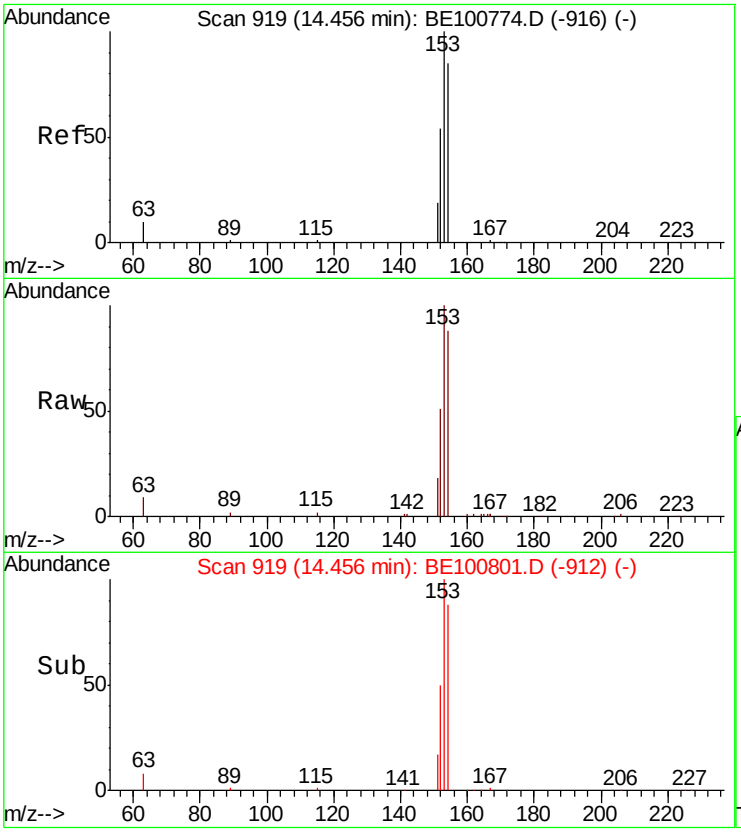


#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:152 Resp: 23745

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	12.8	10.4	15.6



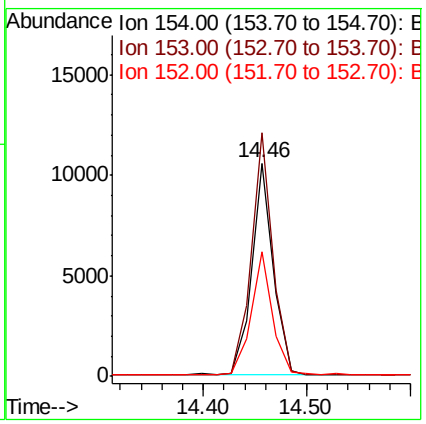


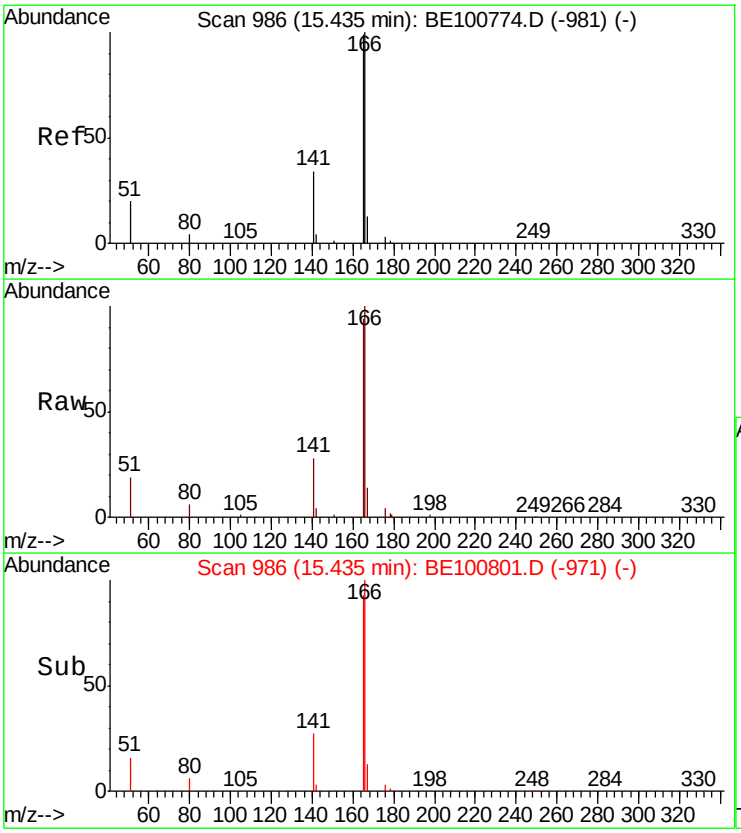
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:154 Resp: 15203

Ion	Ratio	Lower	Upper
154	100		
153	113.8	92.2	138.2
152	57.2	49.1	73.7

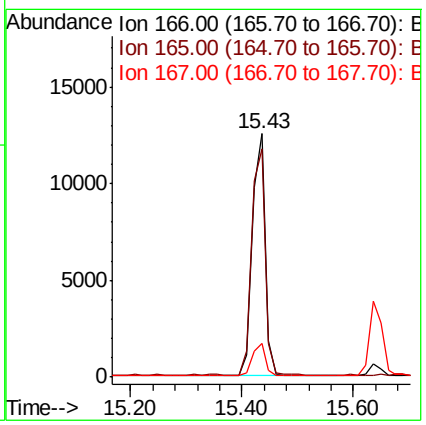


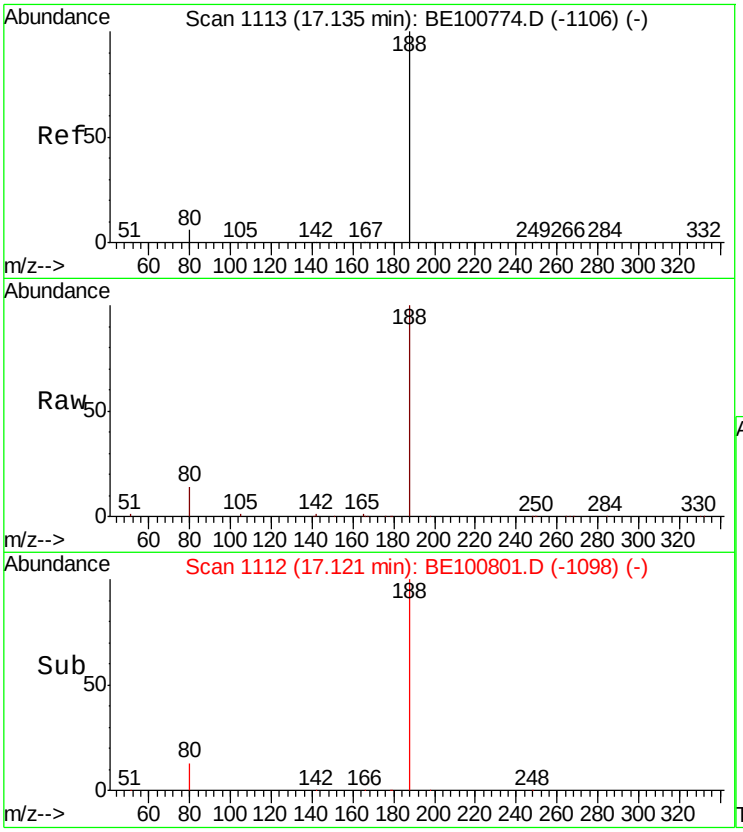


#18
Fluorene
Concen: 0.408 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:166 Resp: 20515

Ion	Ratio	Lower	Upper
166	100		
165	96.8	80.5	120.7
167	13.6	10.7	16.1



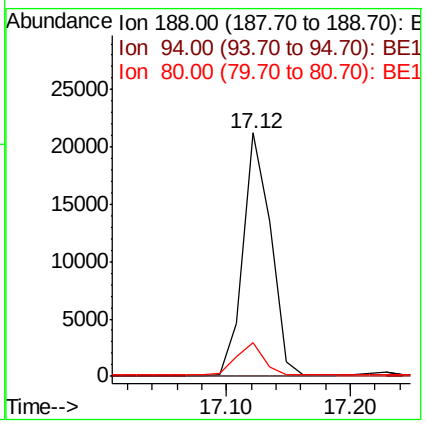


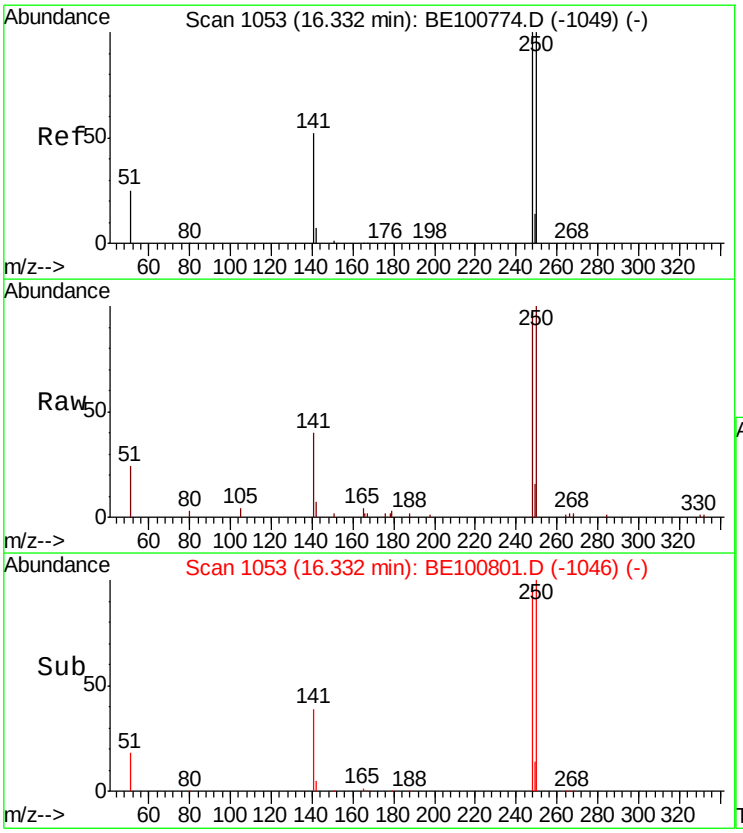
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:188 Resp: 32645

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	5.2	7.8#

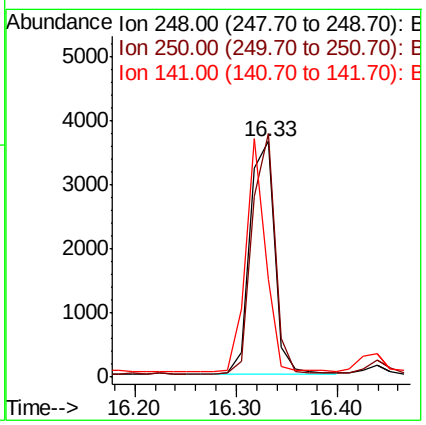


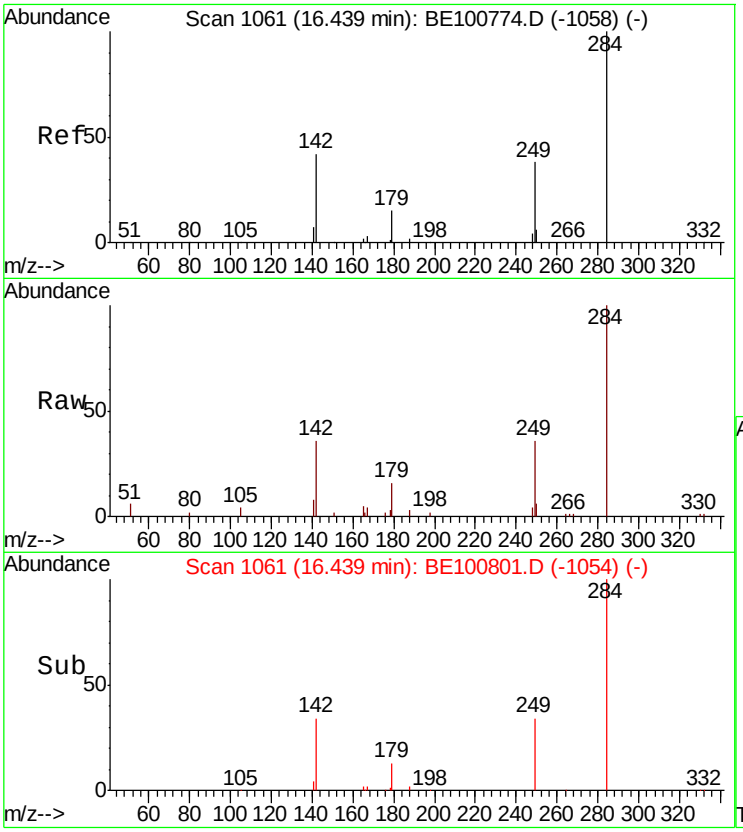


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:248 Resp: 6186

Ion	Ratio	Lower	Upper
248	100		
250	103.3	80.5	120.7
141	41.6	42.6	64.0#



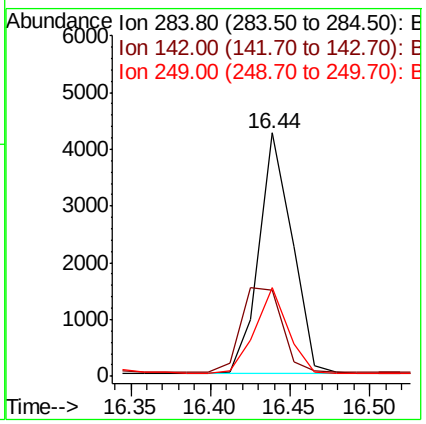


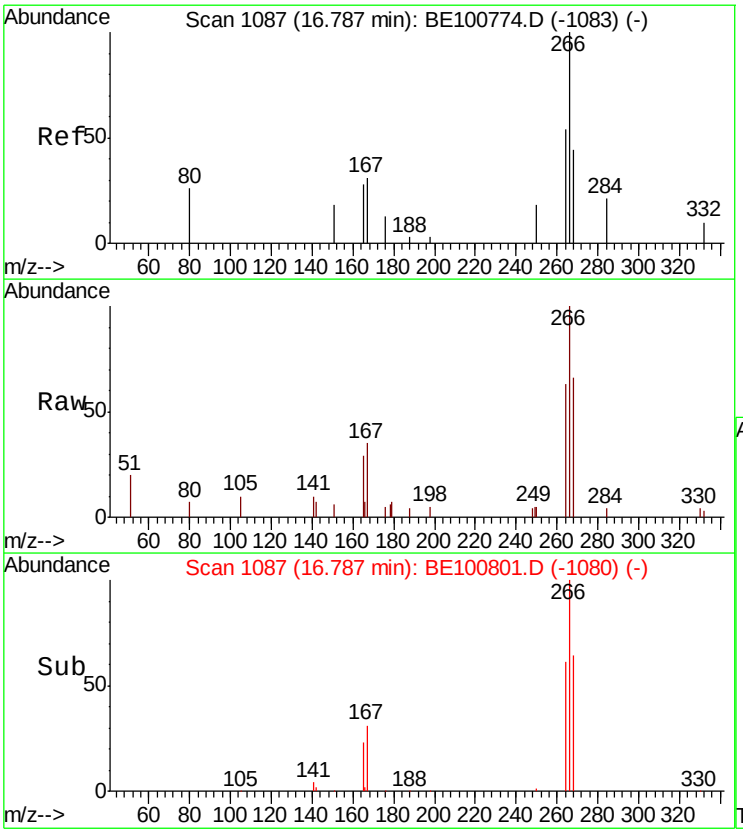
#21
Hexachlorobenzene
Concen: 0.350 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:284 Resp: 6082

Ion	Ratio	Lower	Upper
284	100		
142	43.6	34.4	51.6
249	34.8	28.5	42.7

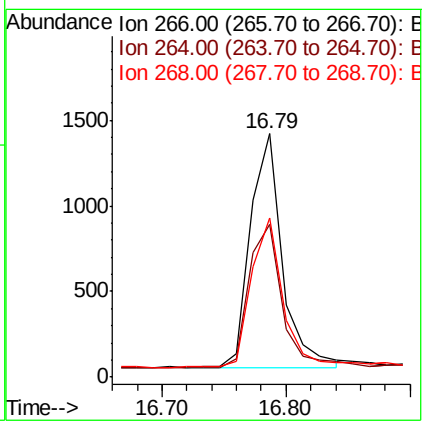


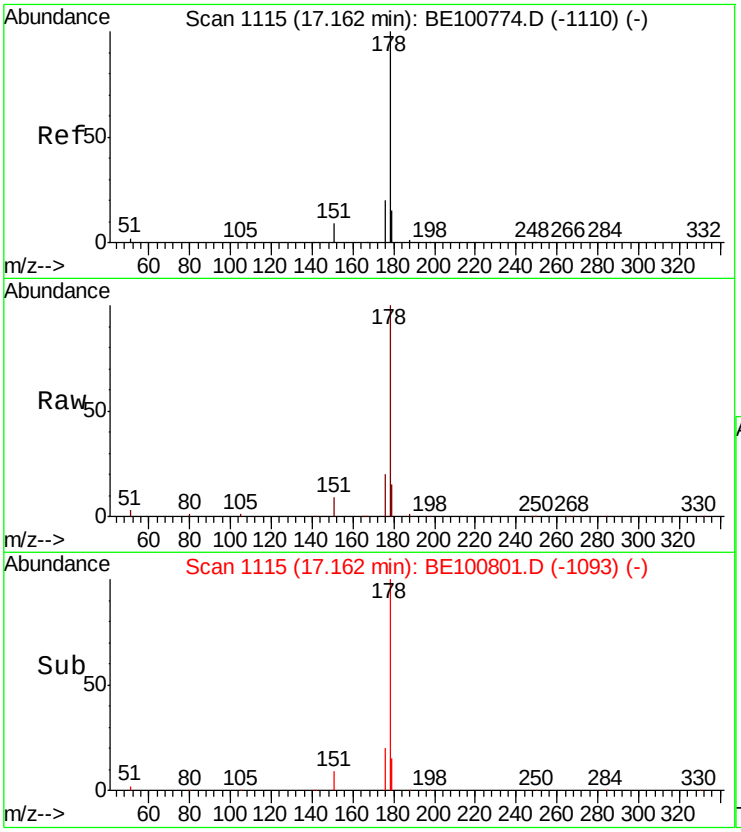


#22
Pentachlorophenol
Concen: 2.040 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:266 Resp: 2455

Ion	Ratio	Lower	Upper
266	100		
264	62.6	63.4	95.0#
268	65.5	65.8	98.8#



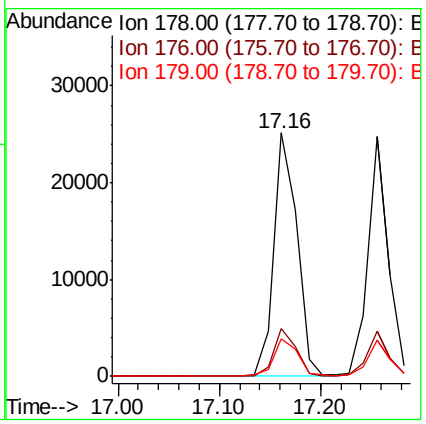


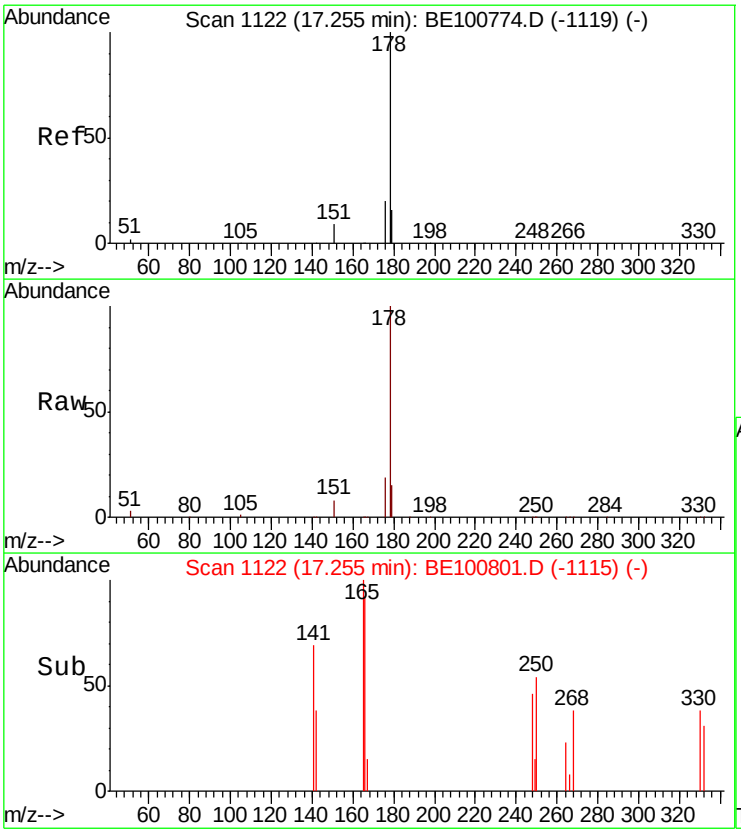
#23
Phenanthrene
Concen: 0.396 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:178 Resp: 39198

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.3	12.3	18.5

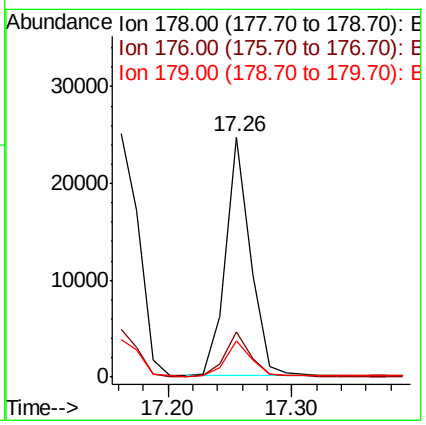


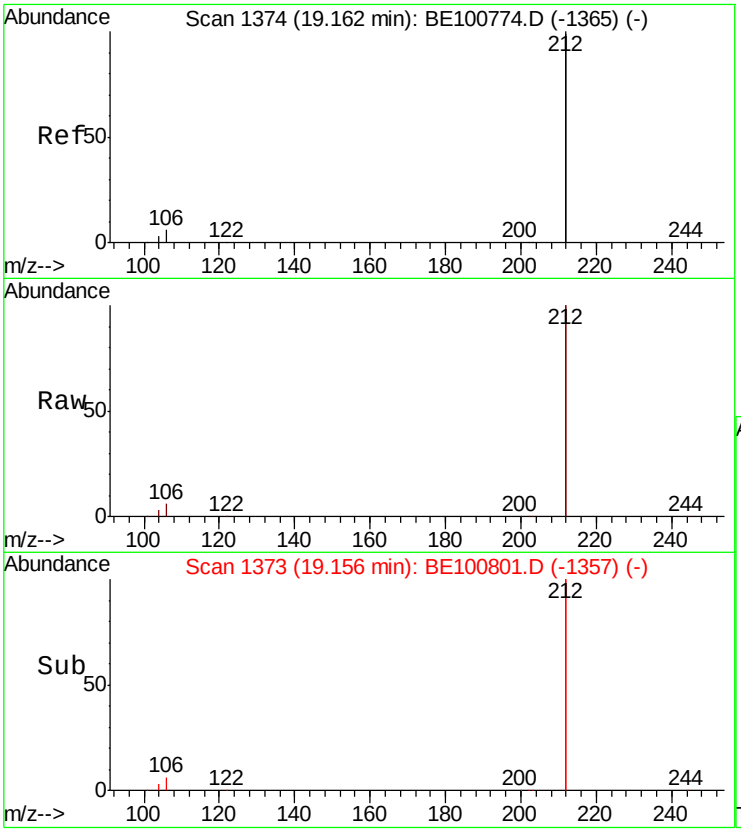


#24
Anthracene
Concen: 0.416 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:178 Resp: 34393

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.5	12.7	19.1



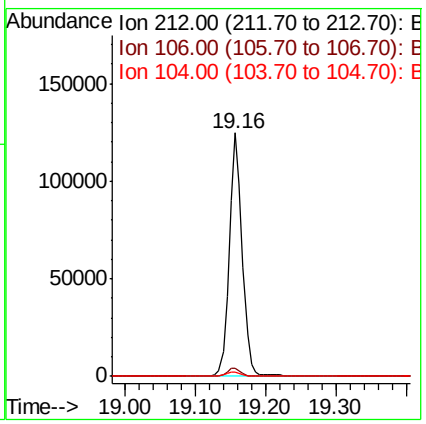


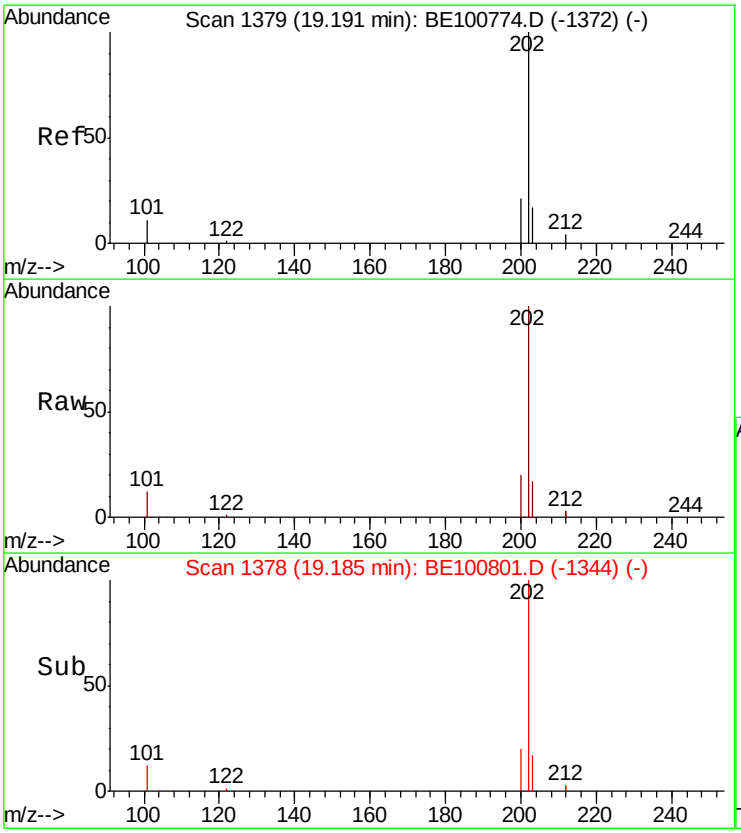
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:212 Resp: 157801

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.8	1.4	2.2

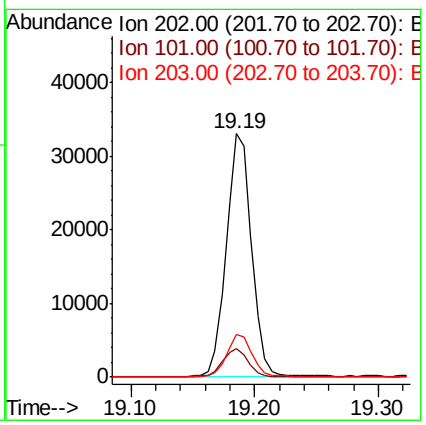


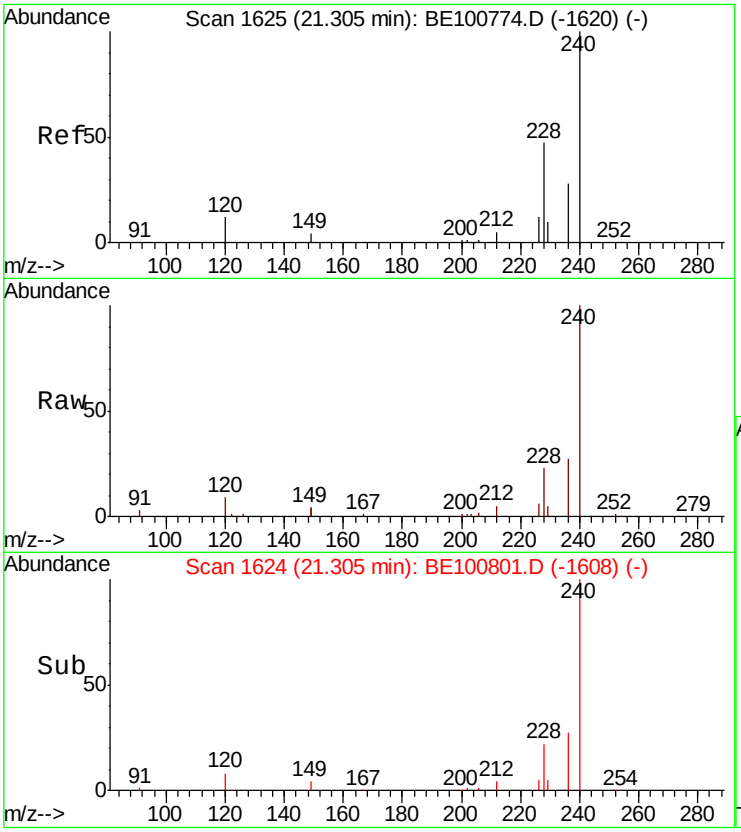


#26
Fluoranthene
Concen: 0.392 ng
RT: 19.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:202 Resp: 46247

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
203	17.2	13.8	20.6



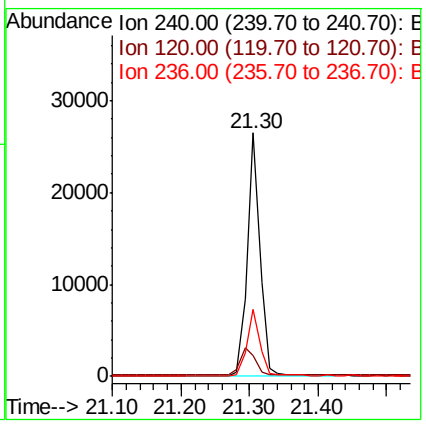


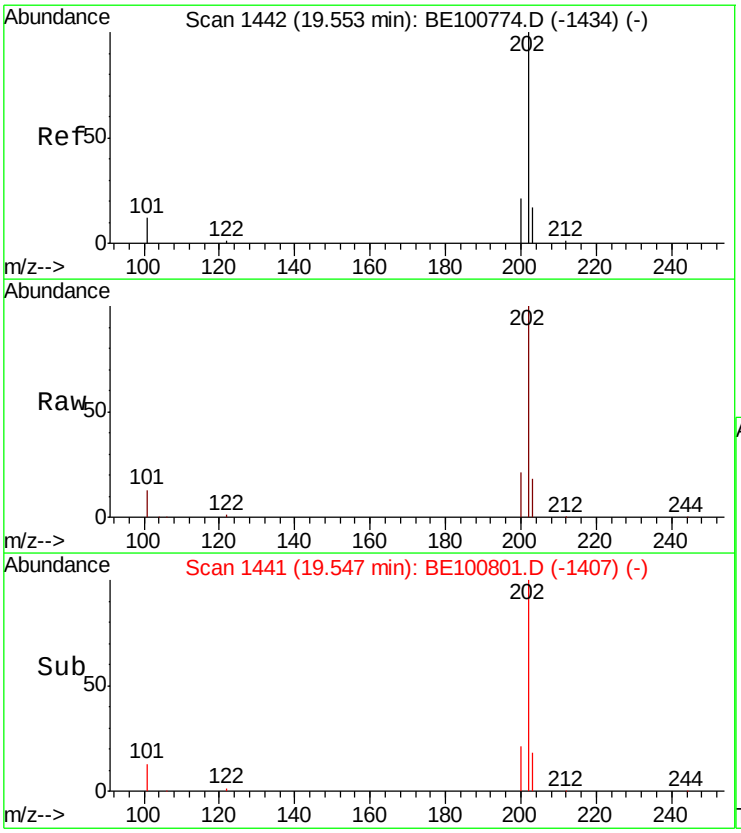
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:240 Resp: 34124

Ion	Ratio	Lower	Upper
240	100		
120	8.7	10.2	15.2#
236	27.3	22.3	33.5

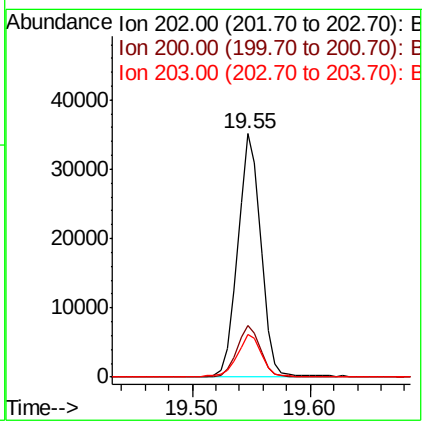


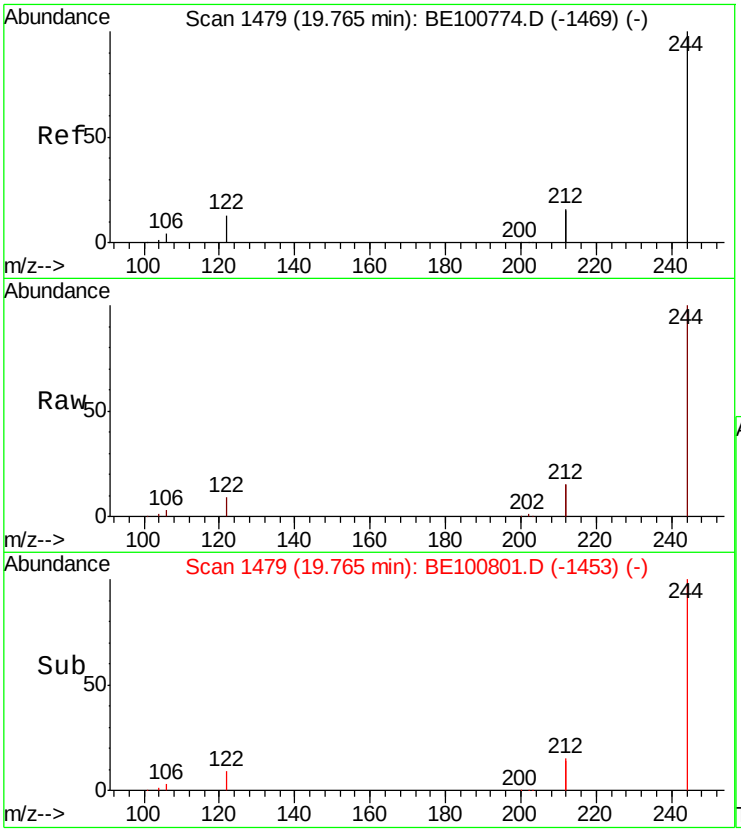


#28
Pyrene
Concen: 0.423 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:202 Resp: 46947

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.0	13.9	20.9



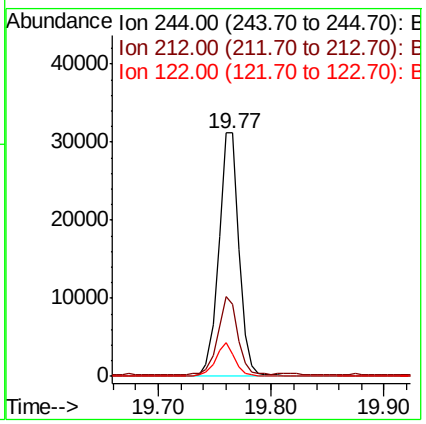


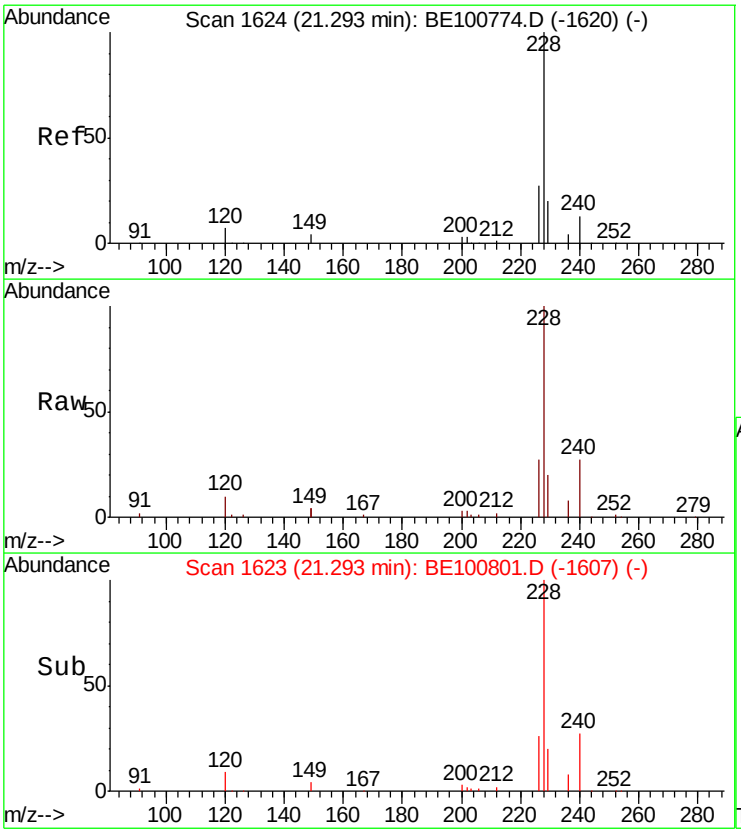
#29
Terphenyl-d14
Concen: 0.473 ng
RT: 19.77 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:244 Resp: 38662

Ion	Ratio	Lower	Upper
244	100		
212	29.9	26.2	39.4
122	9.3	10.2	15.4#

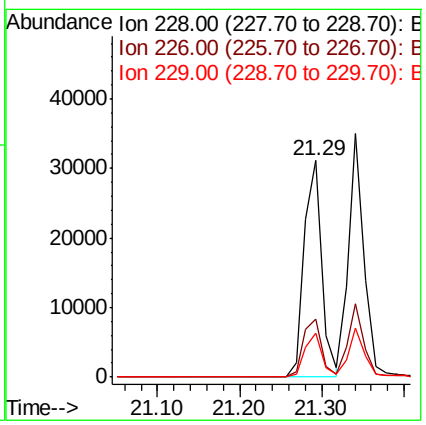


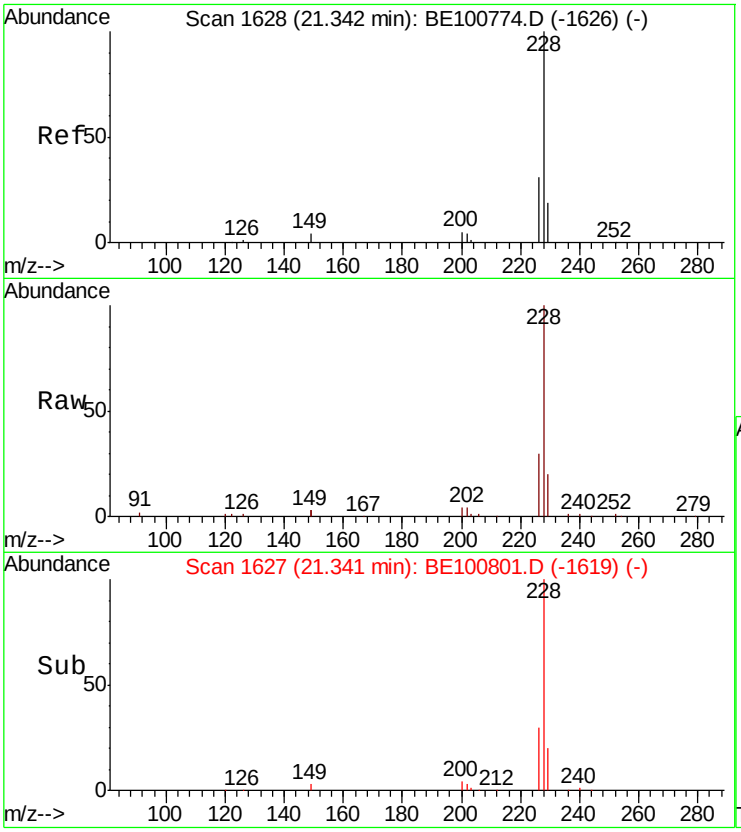


#30
Benzo(a)anthracene
Concen: 0.454 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:228 Resp: 45649

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.5	32.3
229	20.1	16.0	24.0



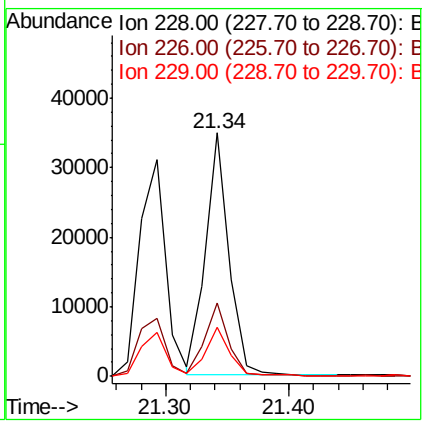


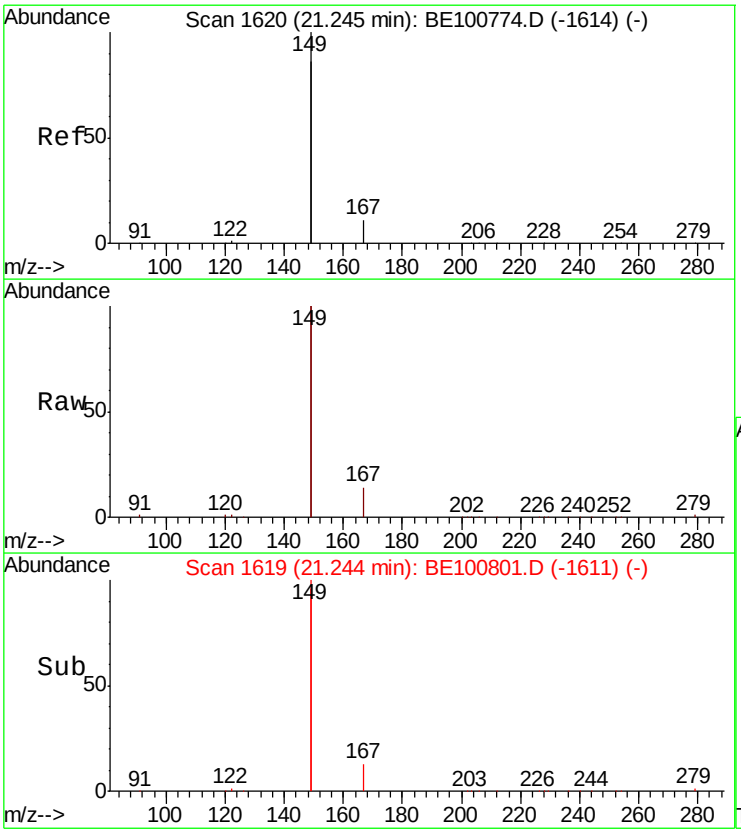
#31
Chrysene
Concen: 0.387 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:228 Resp: 45725

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.0	15.4	23.2

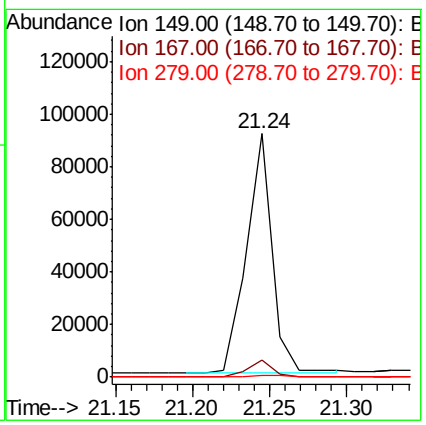


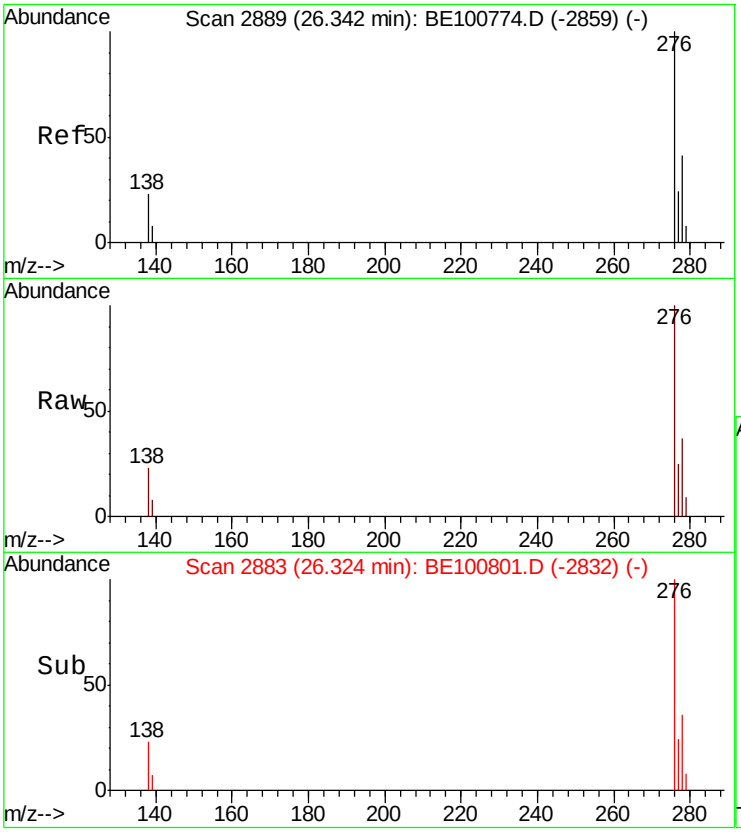


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.272 ng
RT: 21.24 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:149 Resp: 104893

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.0	7.6
279	0.8	0.7	1.1



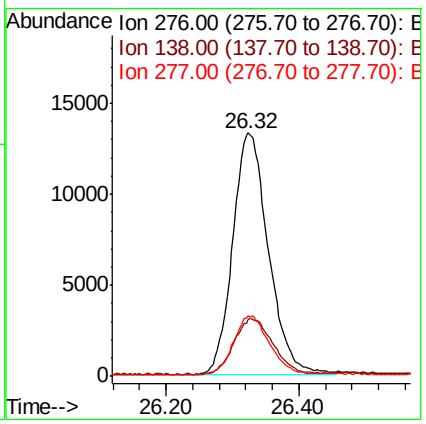


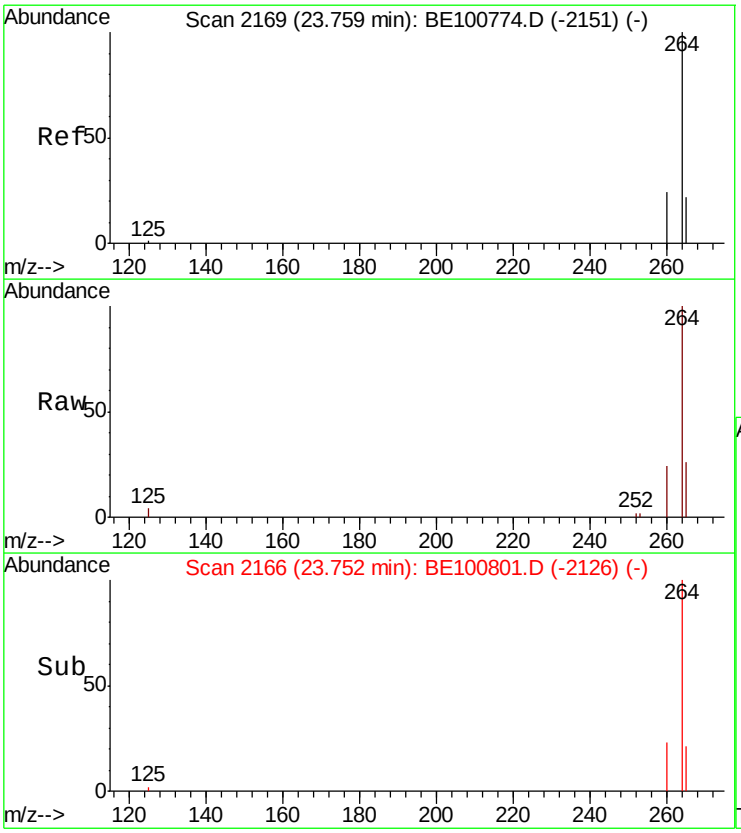
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng
RT: 26.32 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:276 Resp: 49906

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.4	29.0
277	24.6	19.8	29.6

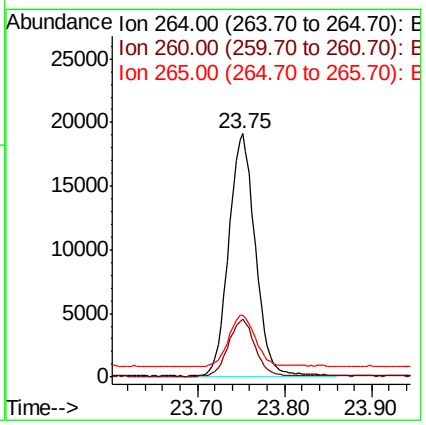


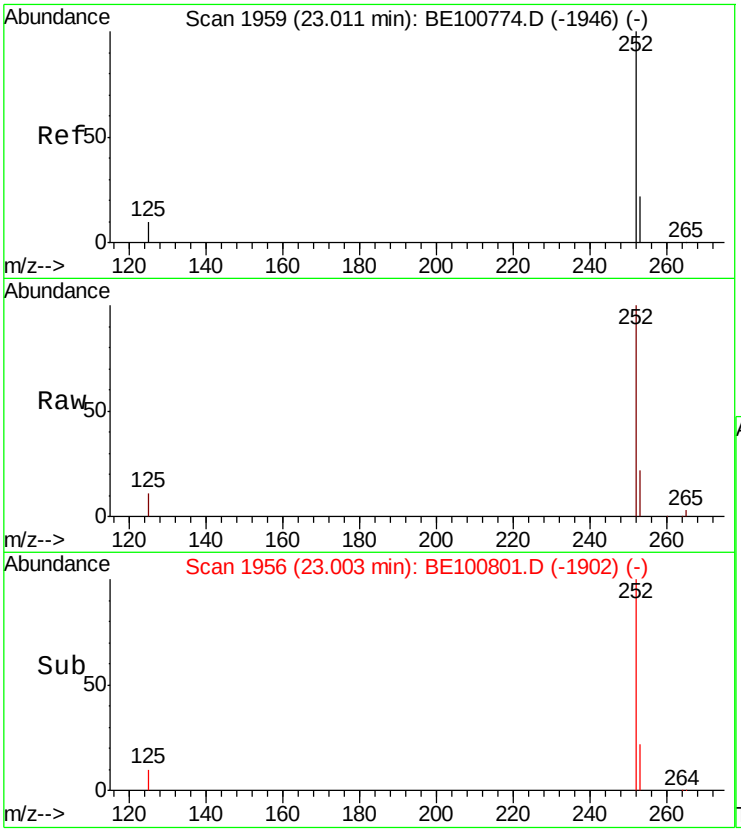


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:264 Resp: 40254

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	25.6	21.8	32.8



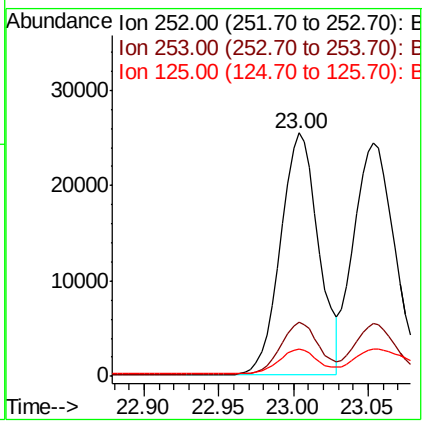


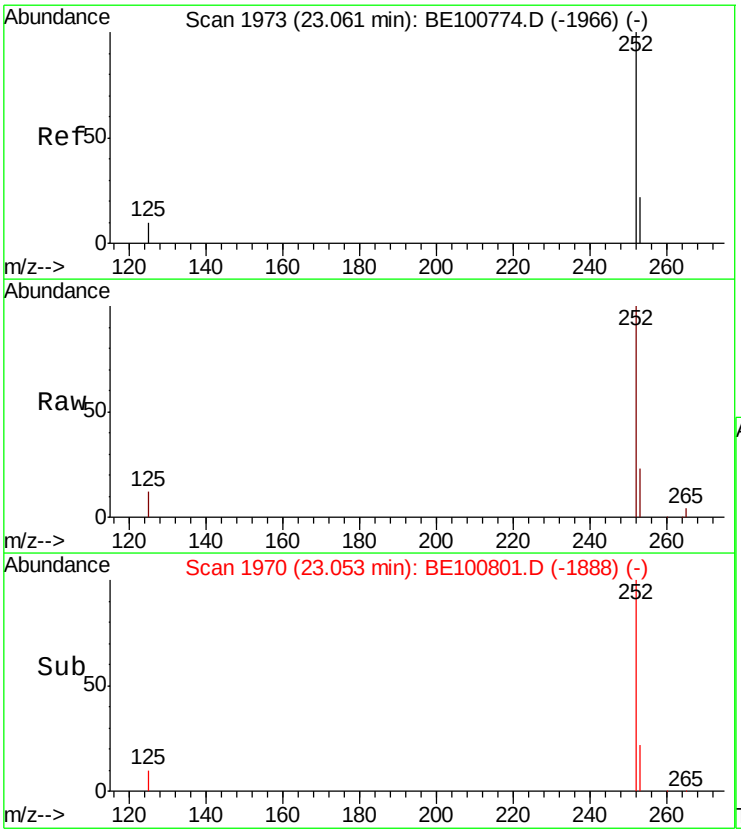
#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:252 Resp: 44938

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.2	9.0	13.4

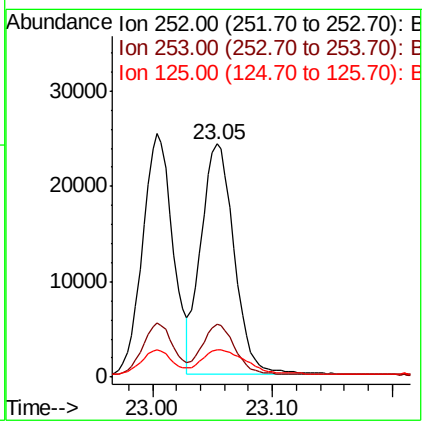


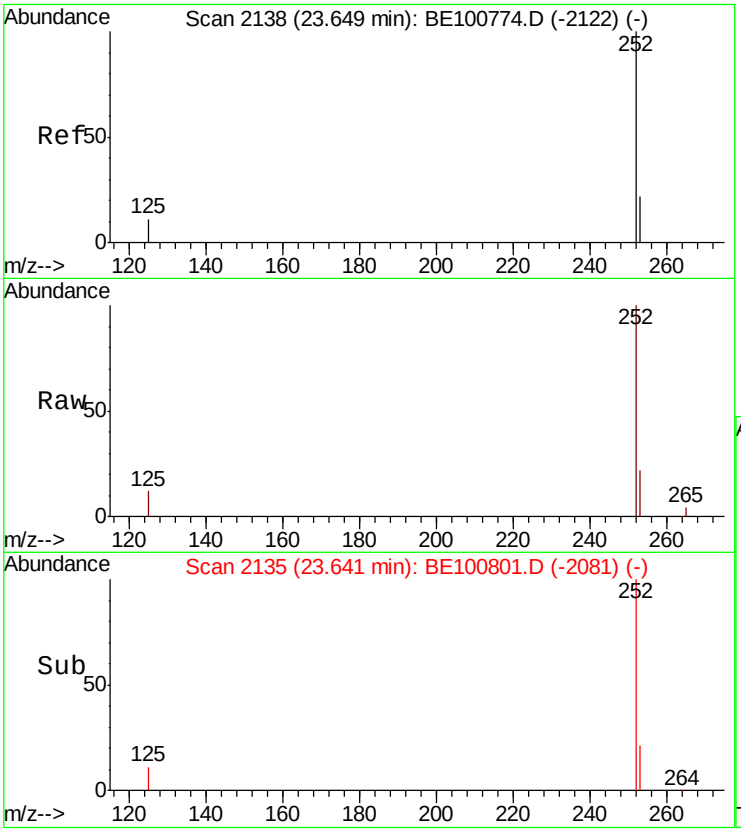


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.05 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:252 Resp: 46520

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.6	8.7	13.1



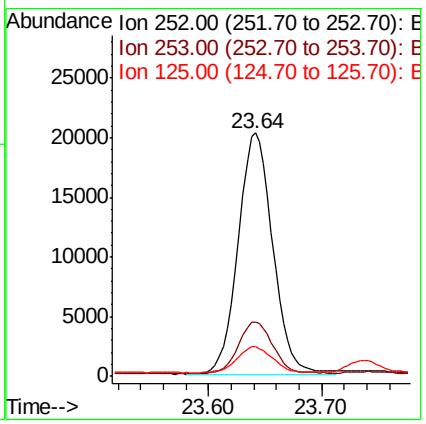


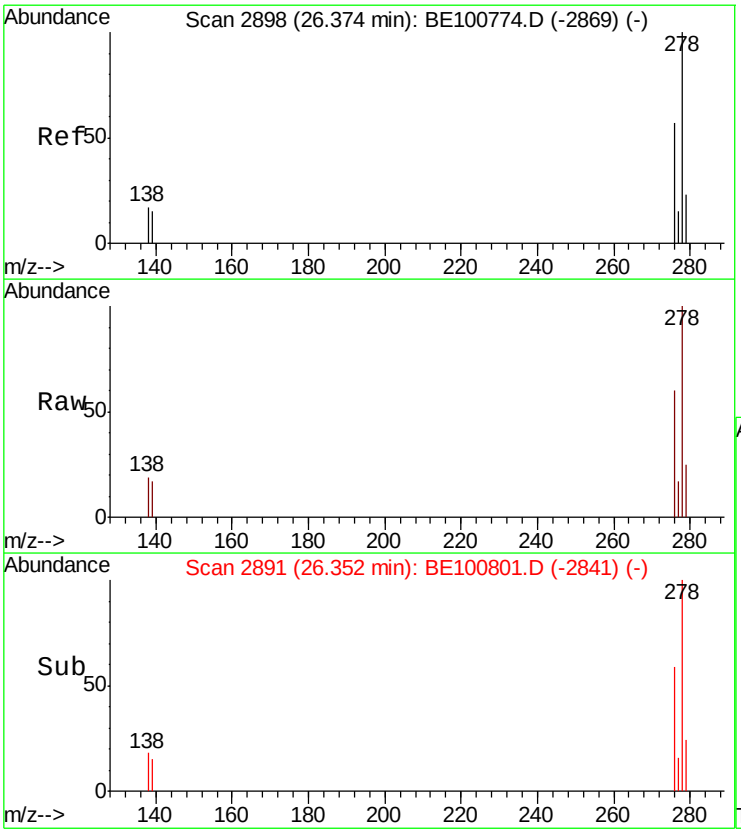
#37
Benzo(a)pyrene
Concen: 0.451 ng
RT: 23.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:252 Resp: 43030

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.0	10.4	15.6

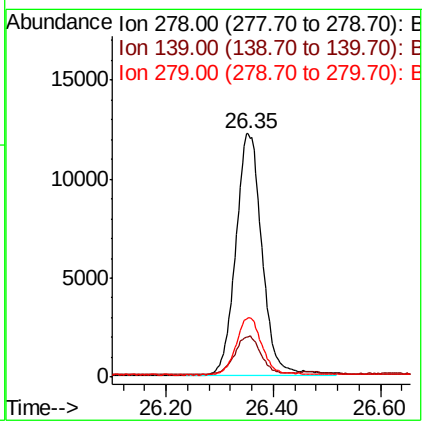


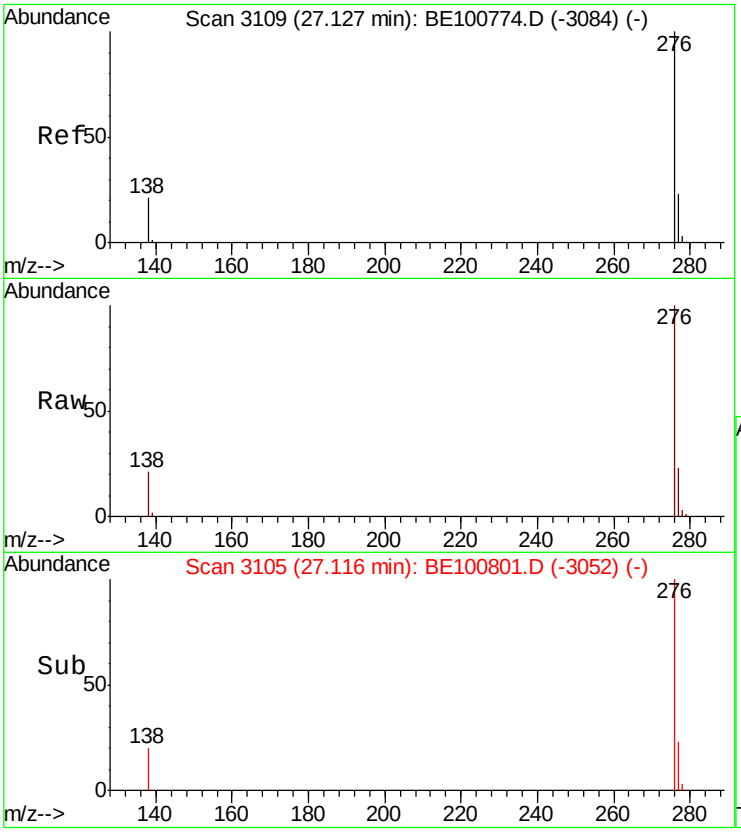


#38
Dibenzo(a,h)anthracene
Concen: 0.439 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.02 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:278 Resp: 41684

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.0	19.4
279	24.5	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.425 ng
RT: 27.12 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tgt Ion:276 Resp: 43120

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	21.4	17.8	26.6