Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100086.D
Acq On : 19 Jun 2019 16:51
Operator : JU/SJ
Sample : PB120501BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120501BS

Quant Time: Jun 19 18:32:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	858	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	2786	0.40	ng		0.00
13) Acenaphthene-d10	14.41	164	1754	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	4899	0.40	ng		0.00
27) Chrysene-d12	21.35	240	5829	0.40	ng		0.01
34) Perylene-d12	23.84	264	7231	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	695	0.39	ng		0.00
5) Phenol-d6	6.92	99	904	0.37	ng		-0.01
8) Nitrobenzene-d5	8.90	82	945	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	12.15	152	2387	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.92	330	223	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	2571	0.37	ng		0.00
25) Fluoranthene-d10	19.20	212	19564	0.28	ng		0.00
29) Terphenyl-d14	19.80	244	3959	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	1084	0.787	ng	#	84
3) n-Nitrosodimethylamine	3.57	42	195	0.557	ng	#	100
6) bis(2-Chloroethyl)ether	7.17	93	974	0.420	ng	#	64
9) Naphthalene	10.59	128	10547	0.348	ng		99
10) Hexachlorobutadiene	10.86	225	1002	0.337	ng		96
12) 2-Methylnaphthalene	12.22	142	1733	0.348	ng		95
16) Acenaphthylene	14.14	152	2988	0.359	ng		99
17) Acenaphthene	14.47	154	1635	0.351	ng		99
18) Fluorene	15.46	166	2312	0.333	ng		98
20) 4-Bromophenyl-phenylether	16.36	248	1011	0.347	ng		97
21) Hexachlorobenzene	16.47	284	1107	0.344	ng		99
22) Pentachlorophenol	16.88	266	90	0.328	ng		97
23) Phenanthrene	17.20	178	4038	0.344	ng		99
24) Anthracene	17.30	178	3190	0.322	ng		99
26) Fluoranthene	19.23	202	5769	0.306	ng		99
28) Pyrene	19.59	202	5746	0.384	ng		99
30) Benzo(a)anthracene	21.33	228	5966	0.344	ng		100
31) Chrysene	21.39	228	7422	0.368	ng		100
32) Bis(2-ethylhexyl)phthalate	21.24	149	4939	0.302	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	11391	0.502	ng	#	95
35) Benzo(b)fluoranthene	23.12	252	8354	0.394	ng		96
36) Benzo(k)fluoranthene	23.12	252	8354	0.346	ng		98
37) Benzo(a)pyrene	23.73	252	7413	0.362	ng	#	96
38) Dibenzo(a,h)anthracene	26.51	278	9360	0.446	ng		99
39) Benzo(g,h,i)perylene	27.29	276	9649	0.442	ng		97

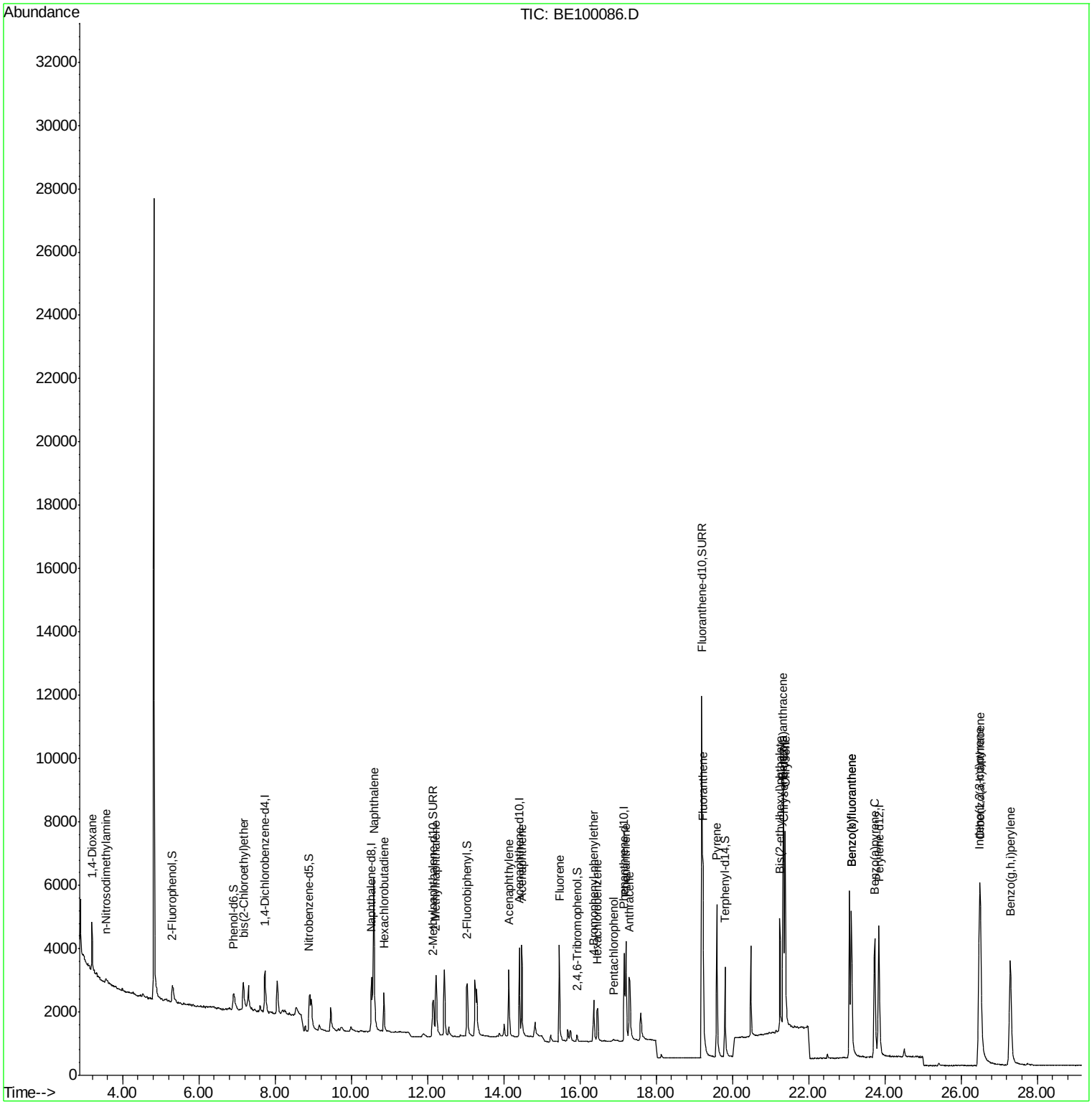
(#) = qualifier out of range (m) = manual integration (+) = signals summed

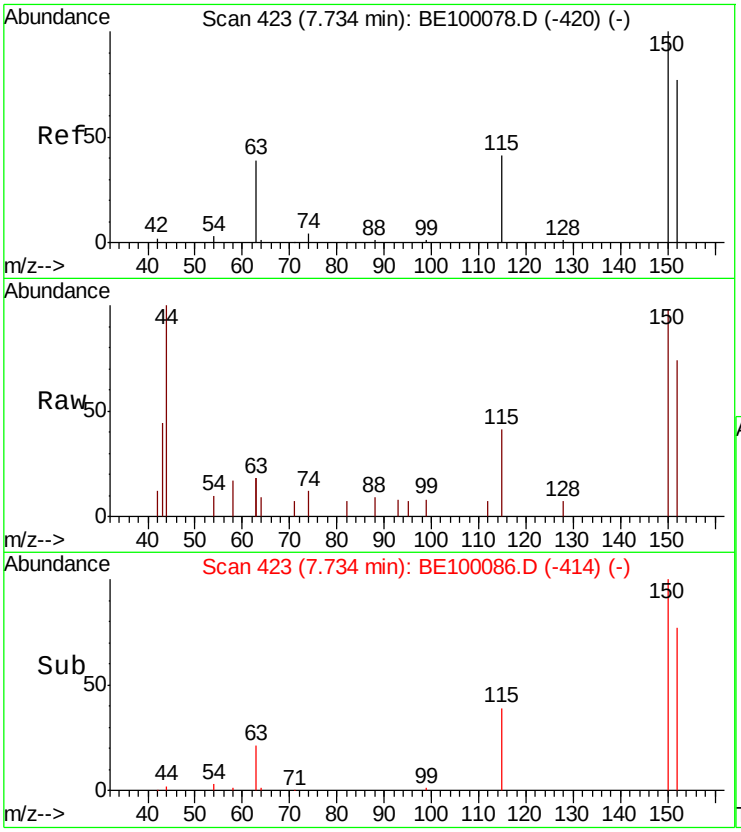
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100086.D
Acq On : 19 Jun 2019 16:51
Operator : JU/SJ
Sample : PB120501BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Quant Time: Jun 19 18:32:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



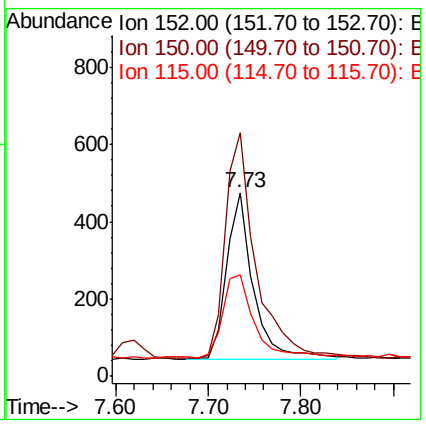


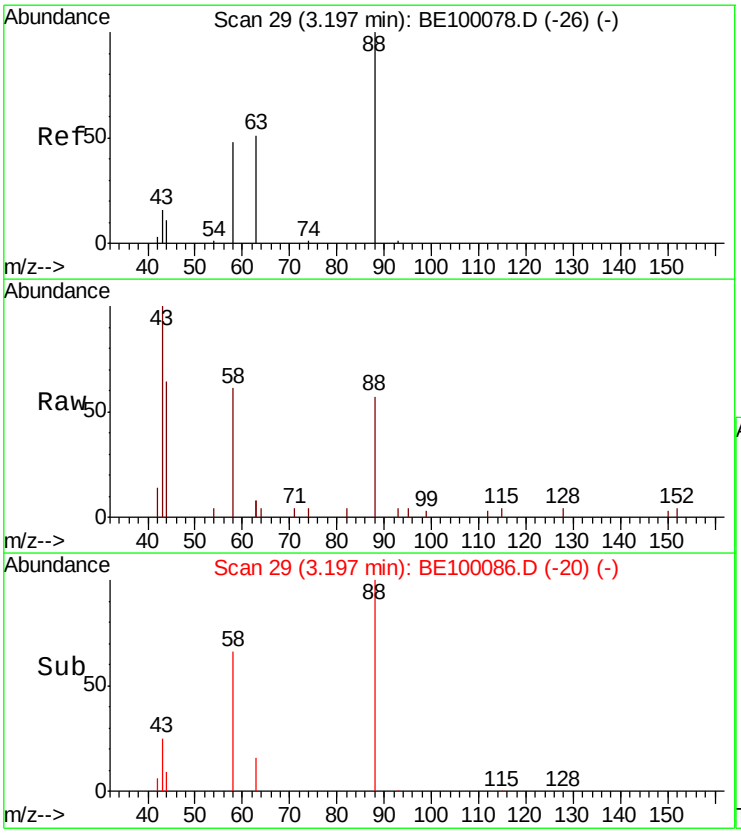
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:152 Resp: 858

Ion	Ratio	Lower	Upper
152	100		
150	132.6	99.8	149.8
115	55.6	51.3	76.9

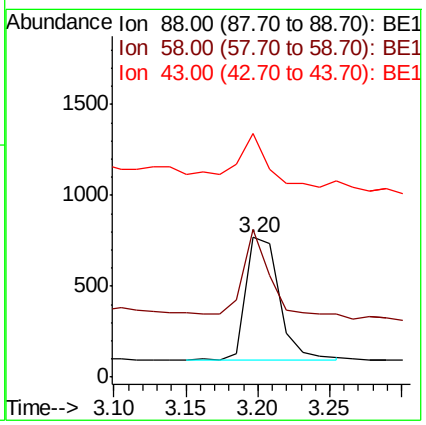


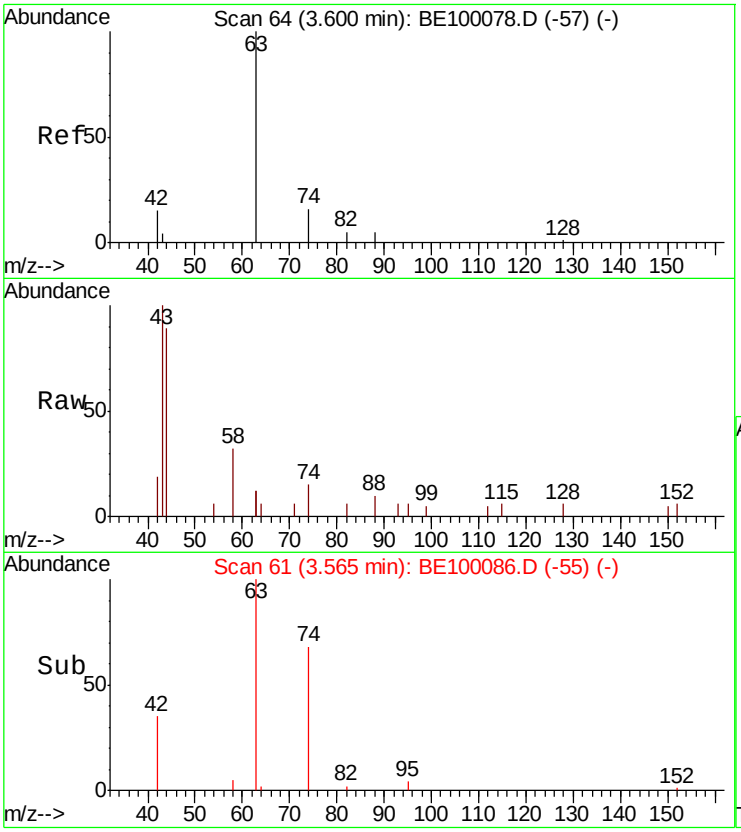


#2
1,4-Dioxane
Concen: 0.787 ng
RT: 3.20 min Scan# 29
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion: 88 Resp: 1084

Ion	Ratio	Lower	Upper
88	100		
58	51.5	51.1	76.7
43	35.8	21.7	32.5#



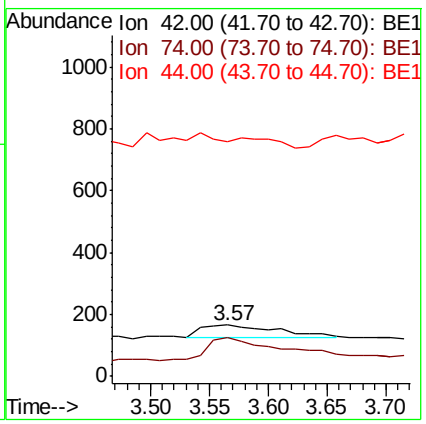


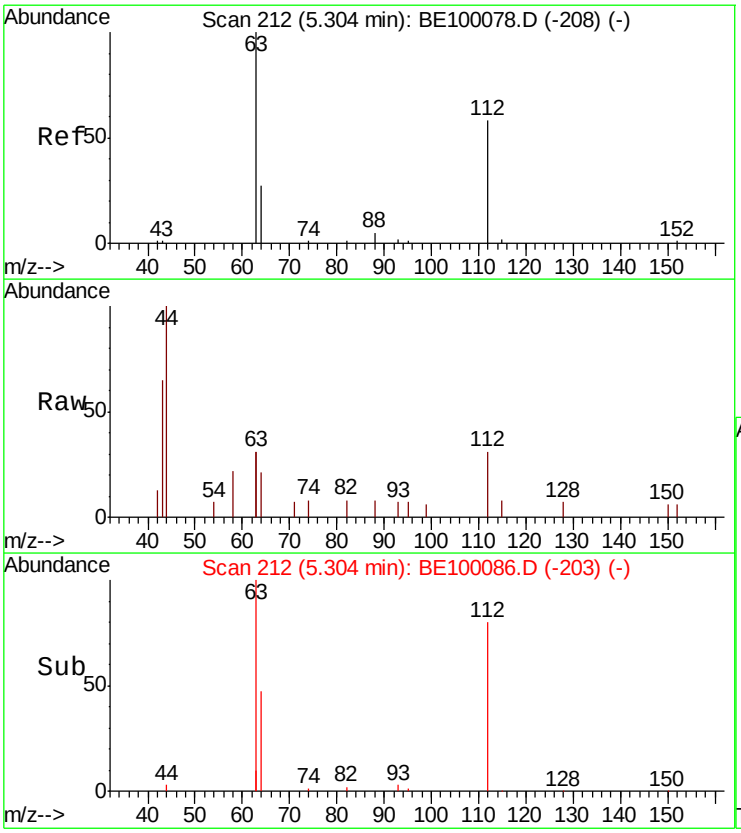
#3
n-Nitrosodimethylamine
Concen: 0.557 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion: 42 Resp: 195

Ion	Ratio	Lower	Upper
42	100		
74	153.3	0.0	0.0#
44	39.5	0.0	0.0#

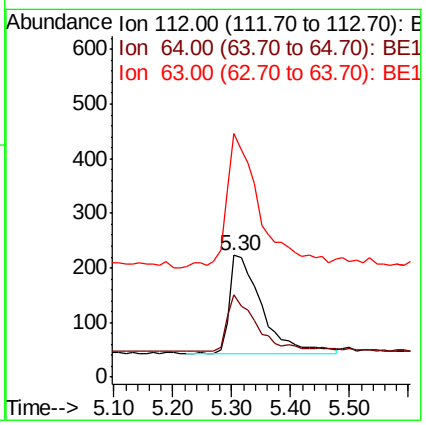


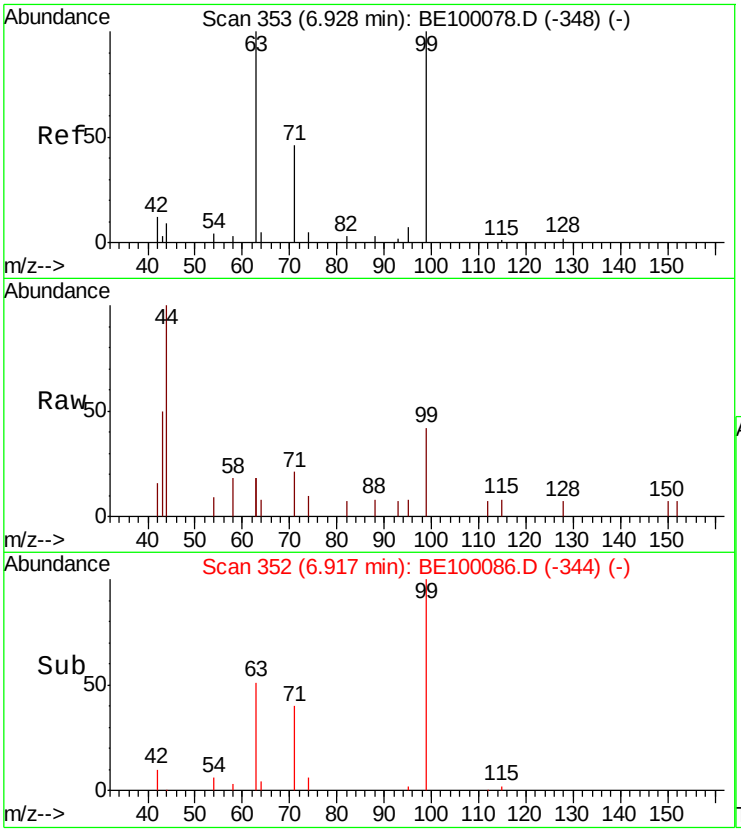


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.30 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:112 Resp: 695

Ion	Ratio	Lower	Upper
112	100		
64	50.8	22.0	33.0#
63	136.4	121.8	182.6



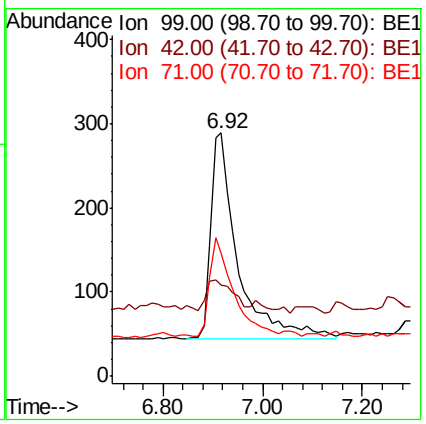


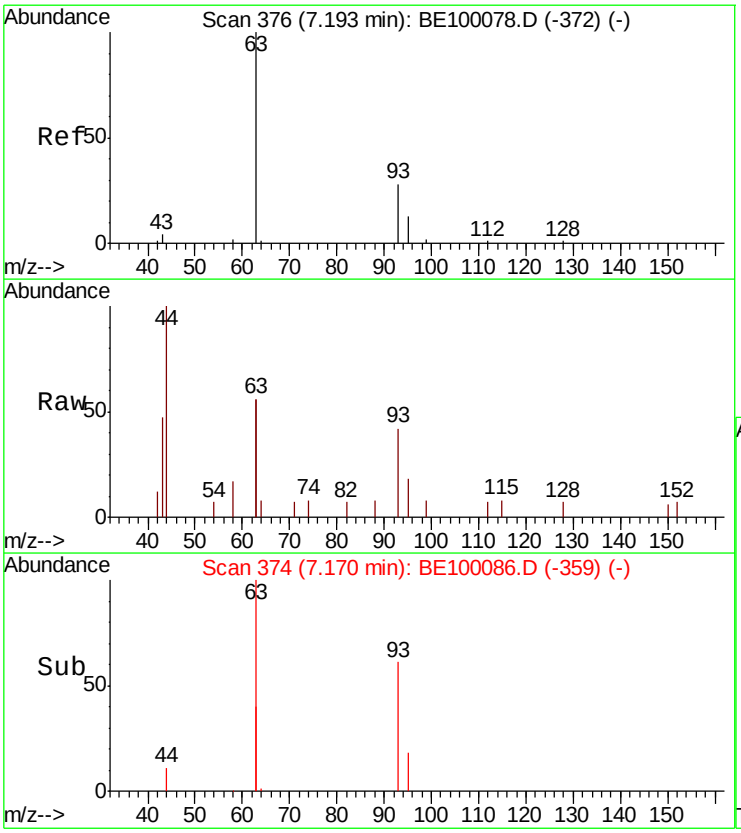
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.01 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion: 99 Resp: 904

Ion	Ratio	Lower	Upper
99	100		
42	14.5	0.0	0.0#
71	42.1	37.6	56.4

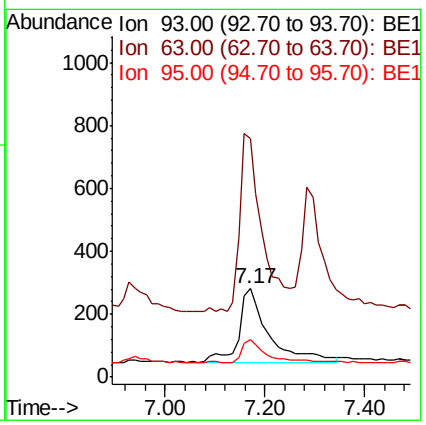


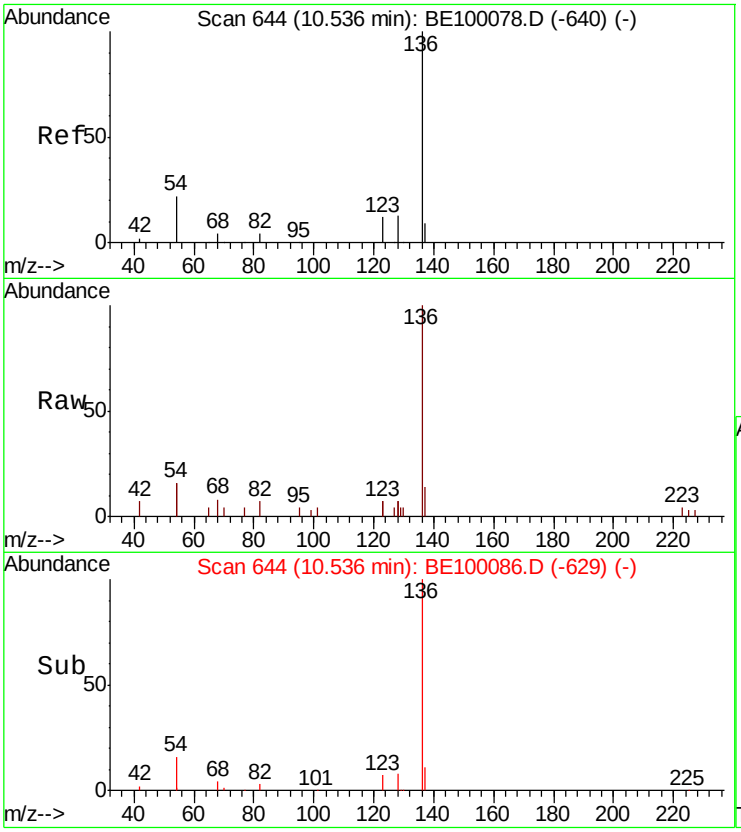


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion: 93 Resp: 974

Ion	Ratio	Lower	Upper
93	100		
63	182.0	200.0	300.0#
95	24.9	24.0	36.0



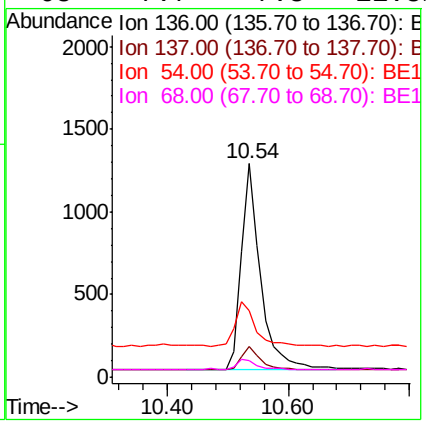


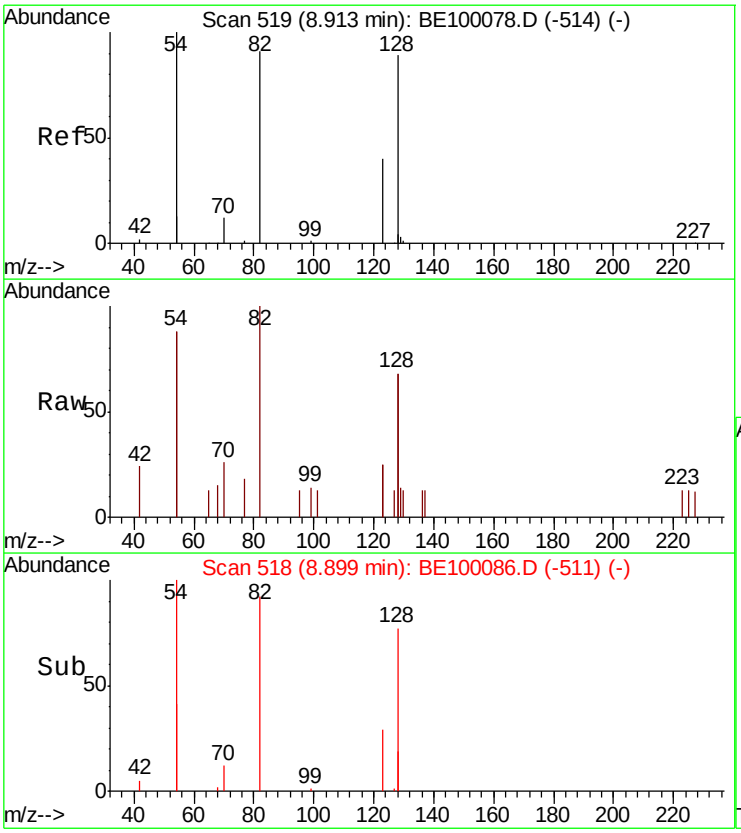
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:136 Resp: 2786

Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.6	17.4
54	31.1	33.9	50.9#
68	7.7	7.8	11.8#

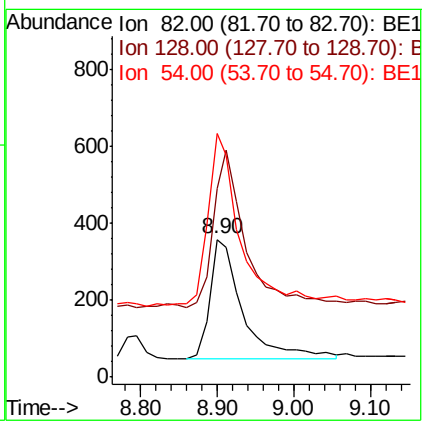


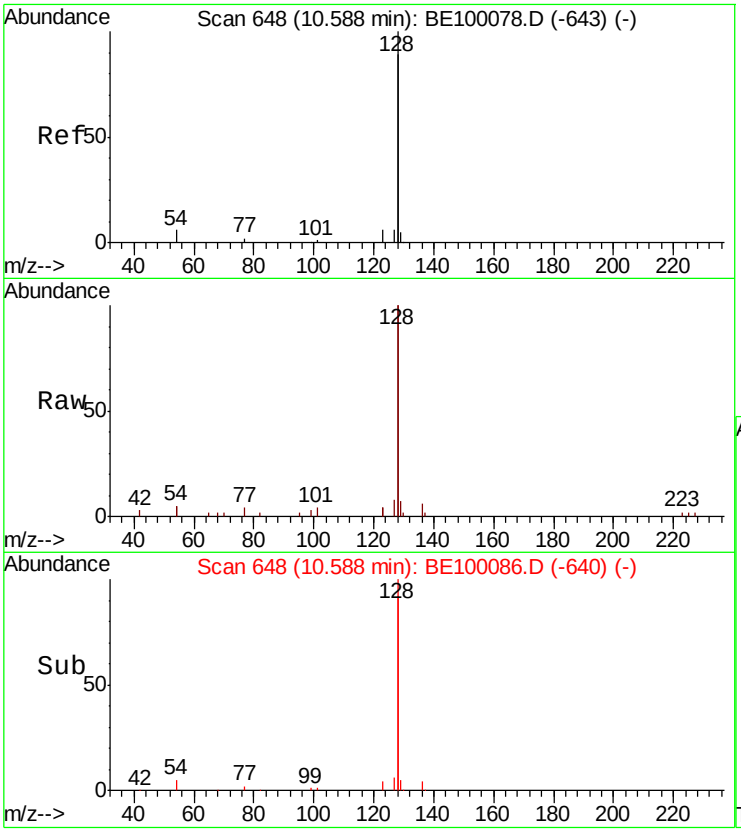


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion: 82 Resp: 945

Ion	Ratio	Lower	Upper
82	100		
128	136.5	128.0	192.0
54	176.6	143.4	215.0



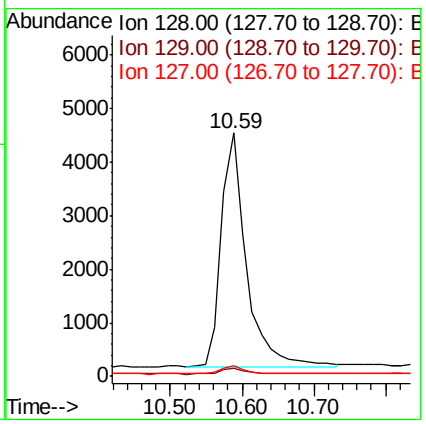


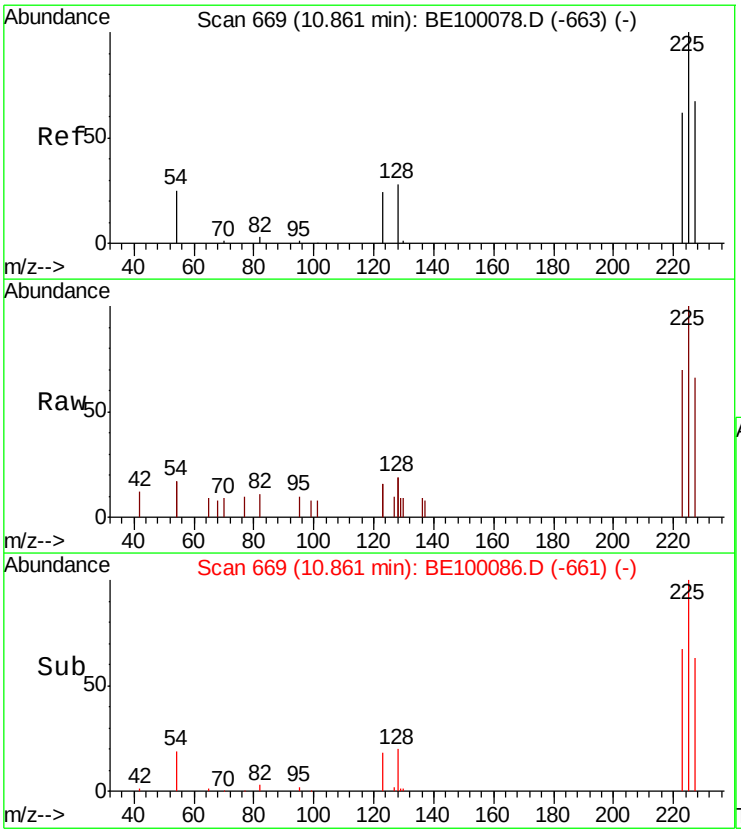
#9
Naphthalene
Concen: 0.348 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:128 Resp: 10547

Ion	Ratio	Lower	Upper
128	100		
129	3.6	3.1	4.7
127	4.2	3.4	5.2

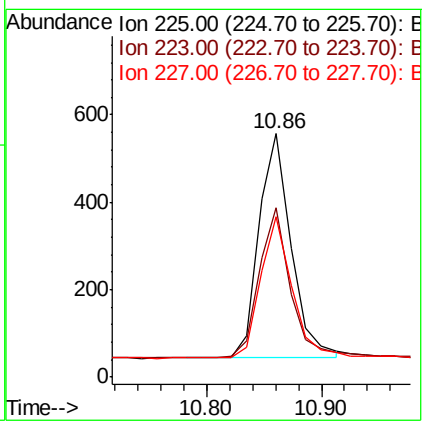


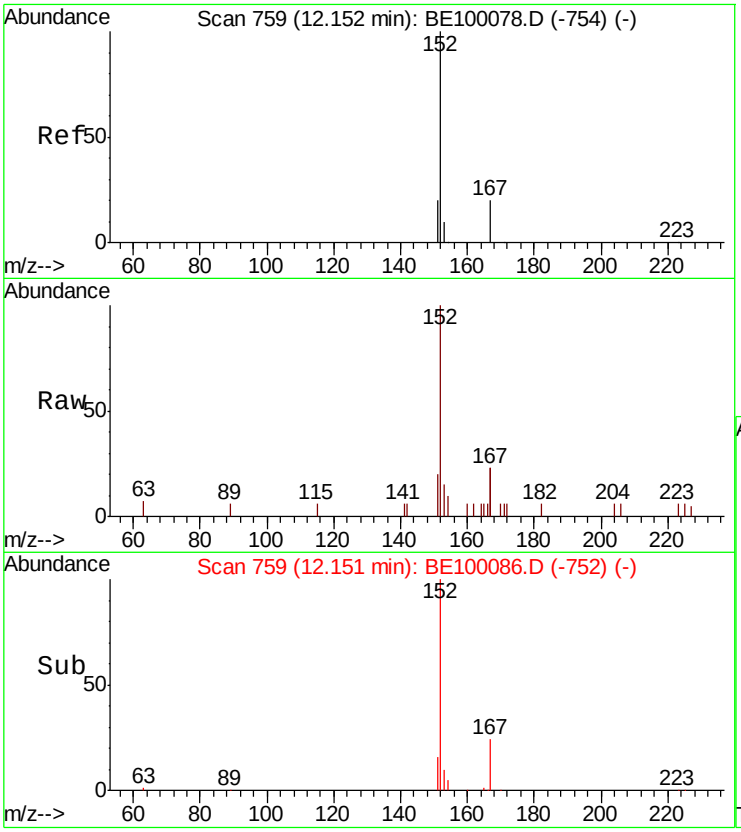


#10
Hexachlorobutadiene
Concen: 0.337 ng
RT: 10.86 min Scan# 669
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:225 Resp: 1002

Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	61.9	53.0	79.6



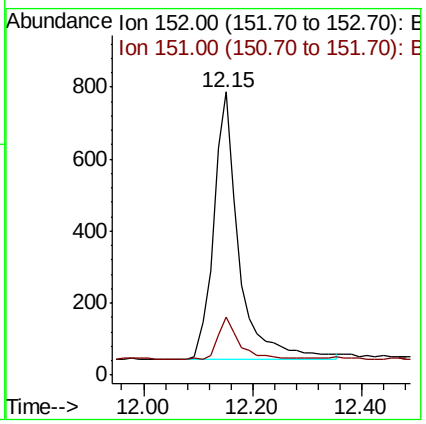


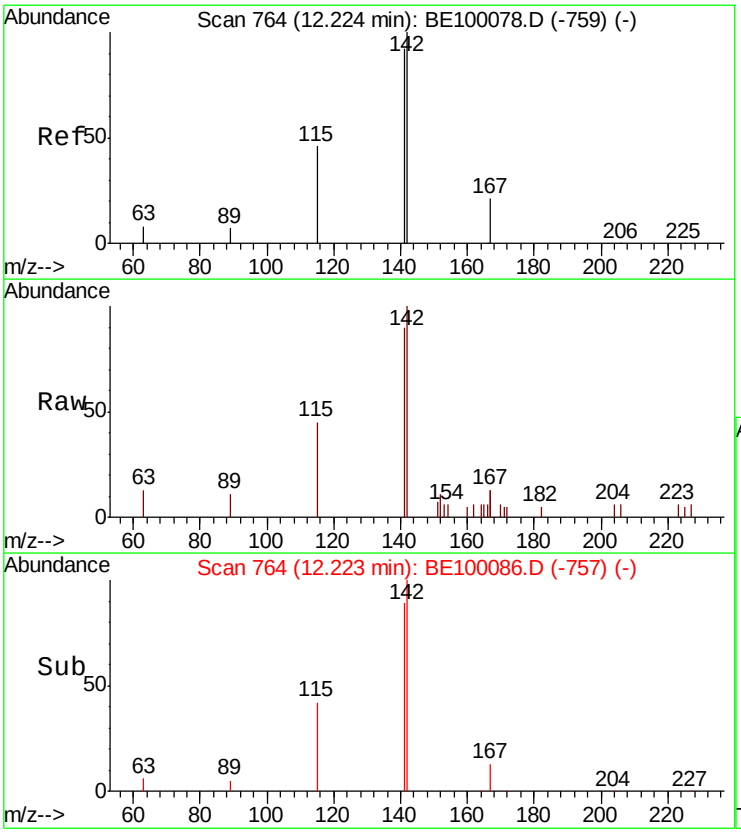
#11
2-Methylnaphthalene-d10
Concen: 0.450 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:152 Resp: 2387

Ion	Ratio	Lower	Upper
152	100		
151	13.6	16.3	24.5#

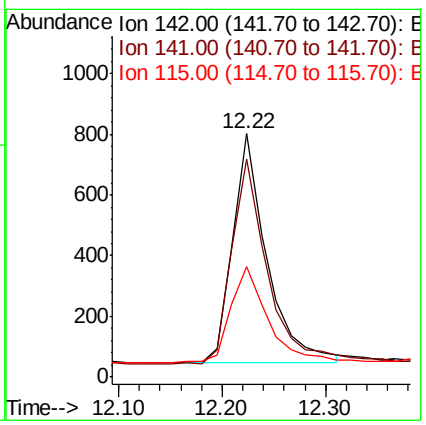


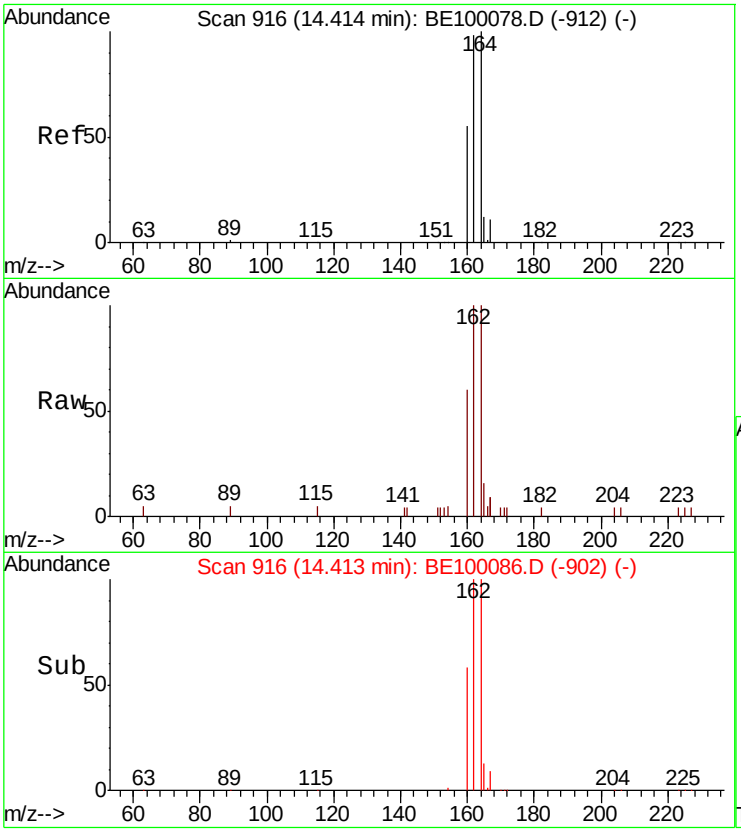


#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:142 Resp: 1733

Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.1	111.1
115	45.3	40.9	61.3



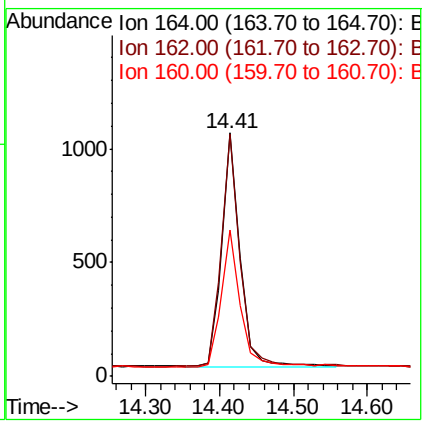


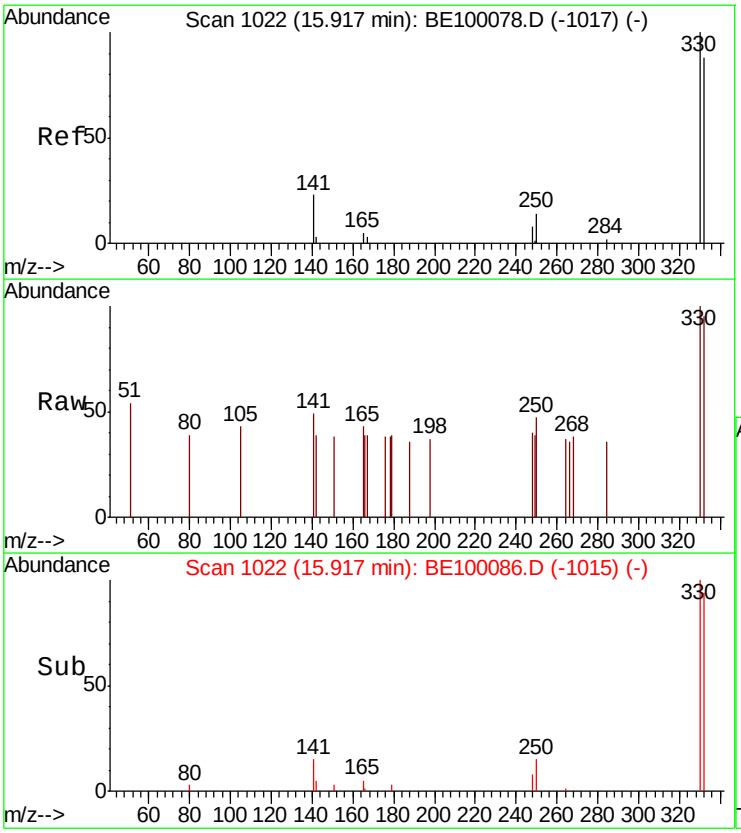
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:164 Resp: 1754

Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.2	117.2
160	60.0	45.6	68.4

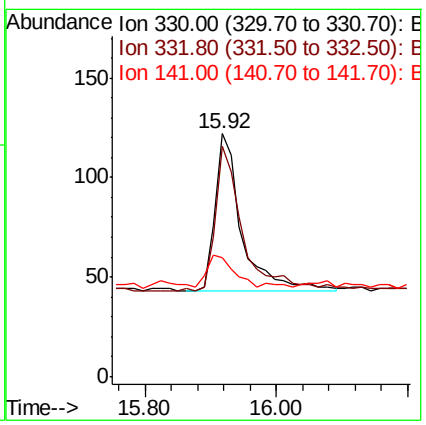


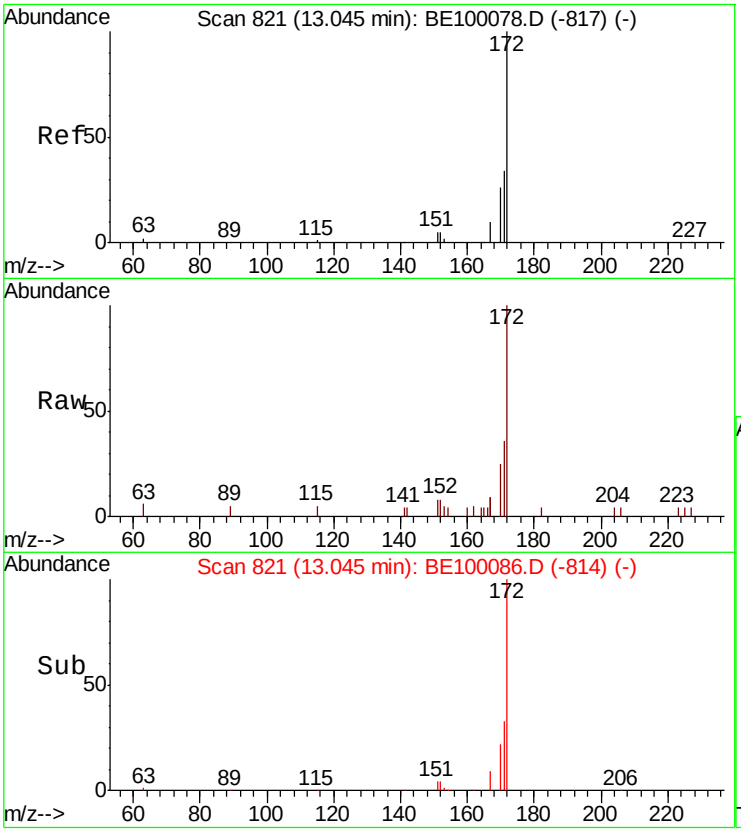


#14
2,4,6-Tribromophenol
Concen: 0.230 ng
RT: 15.92 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:330 Resp: 223

Ion	Ratio	Lower	Upper
330	100		
332	98.7	73.3	109.9
141	21.1	22.2	33.2#



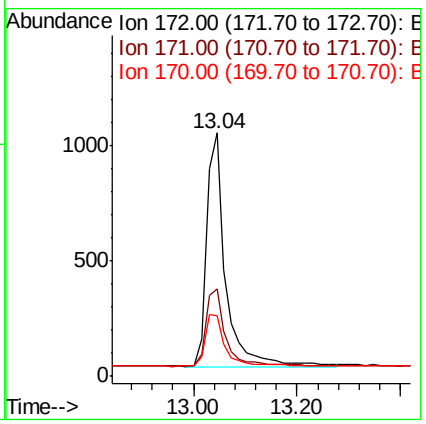


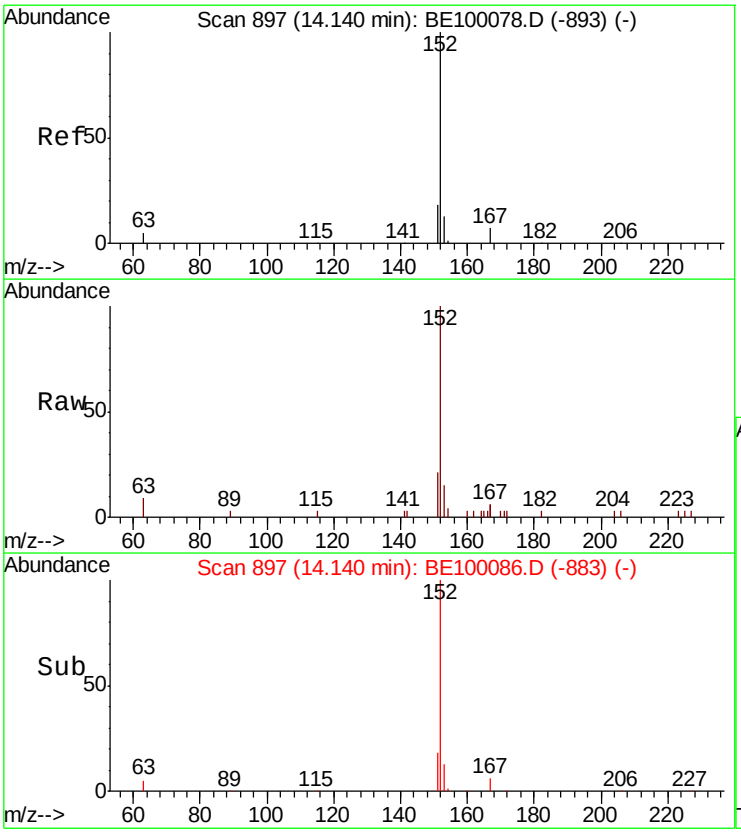
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:172 Resp: 2571

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.8
170	25.0	23.2	34.8

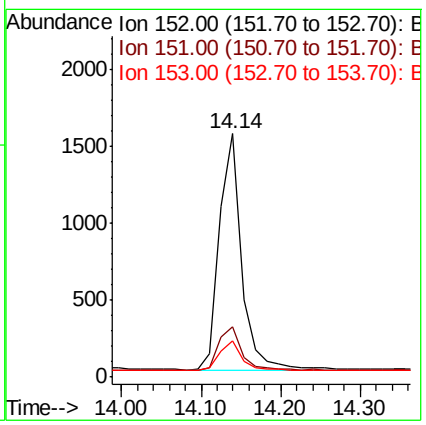


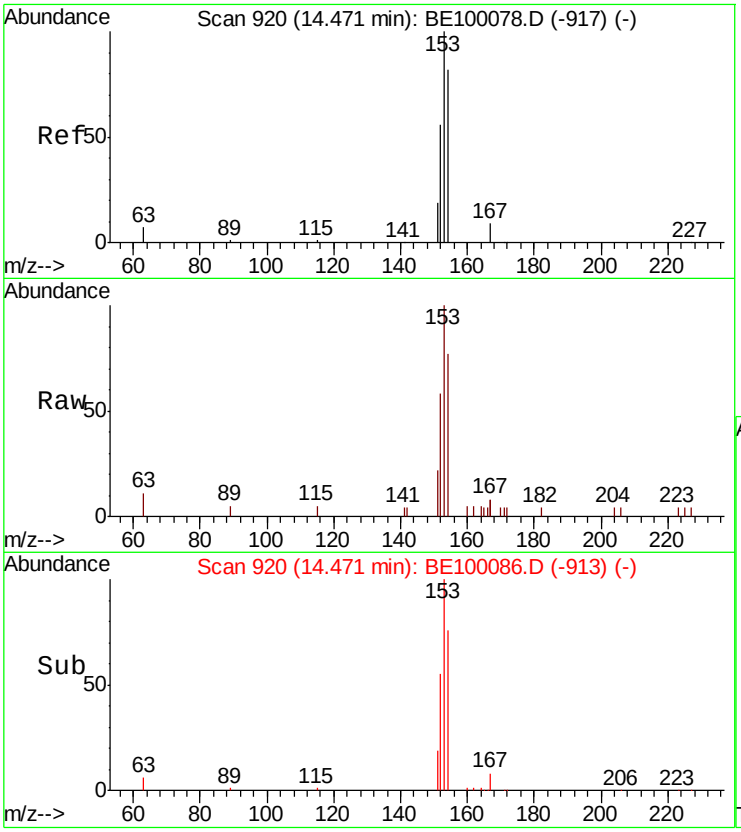


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:152 Resp: 2988

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.6	10.1	15.1



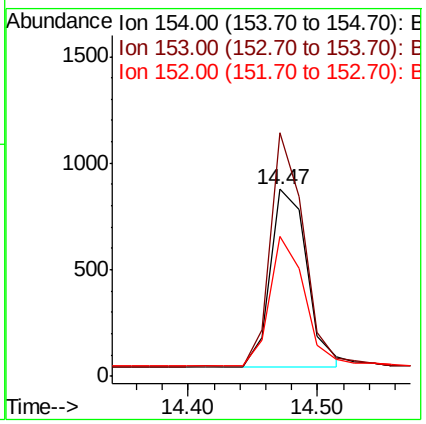


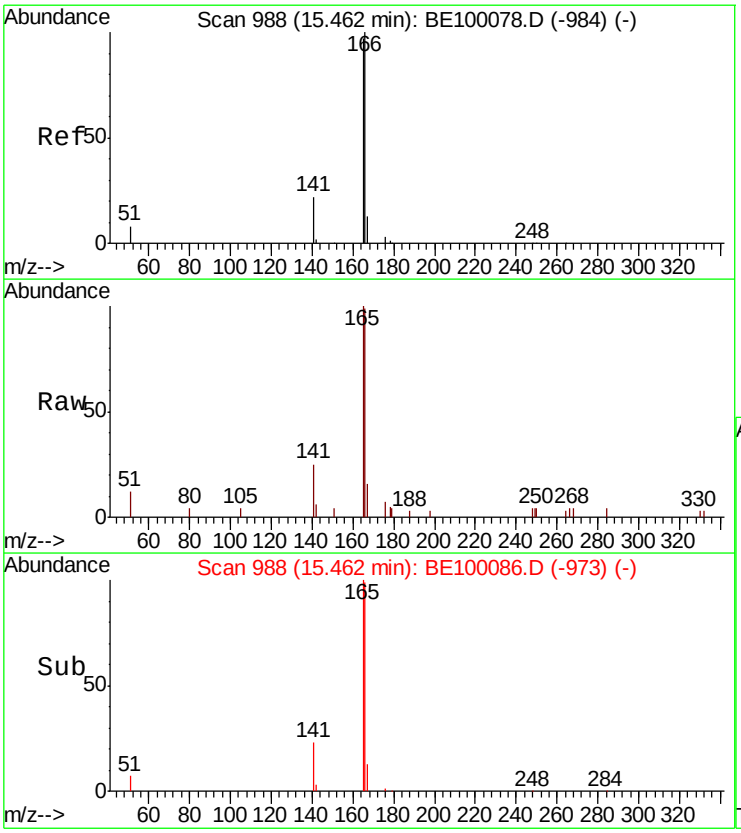
#17
Acenaphthene
Concen: 0.351 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:154 Resp: 1635

Ion	Ratio	Lower	Upper
154	100		
153	120.7	95.5	143.3
152	70.2	54.9	82.3

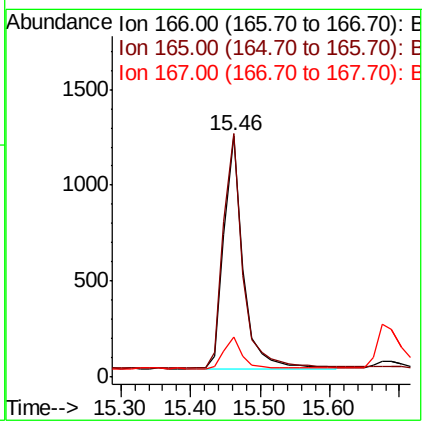


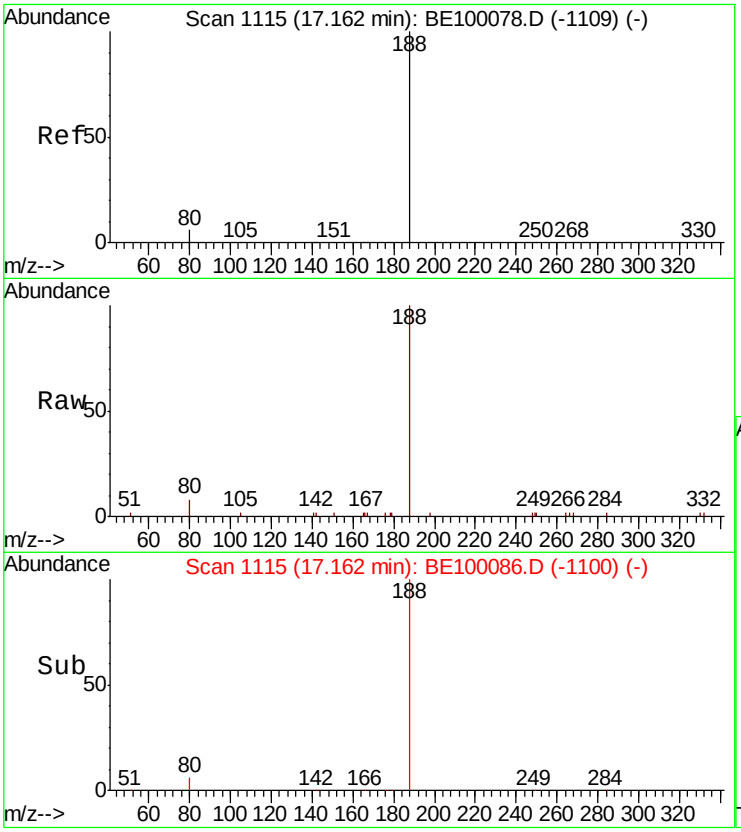


#18
Fluorene
Concen: 0.333 ng
RT: 15.46 min Scan# 988
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:166 Resp: 2312

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.8	119.8
167	13.0	10.2	15.4



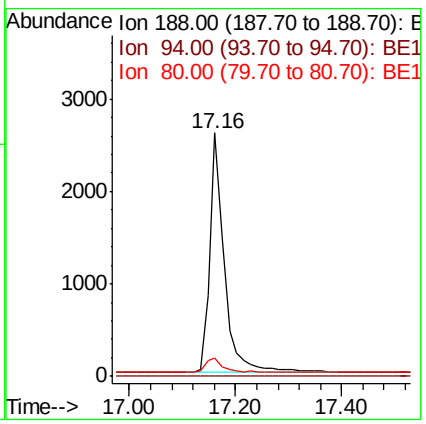


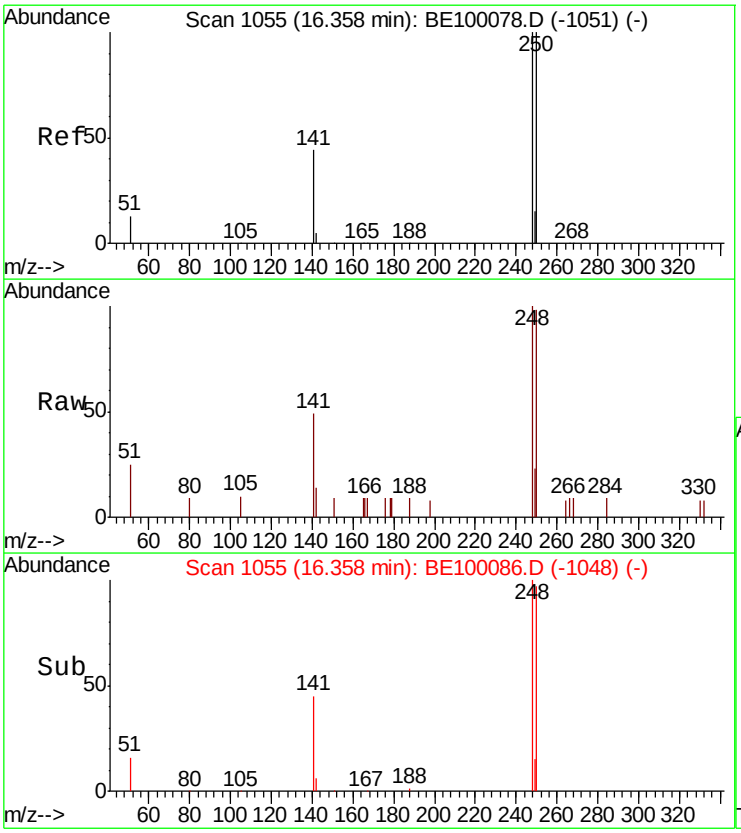
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:188 Resp: 4899

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.3	9.5

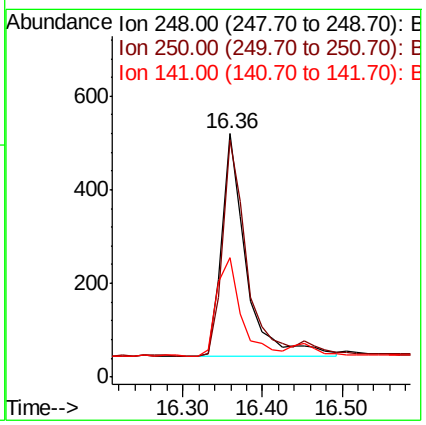


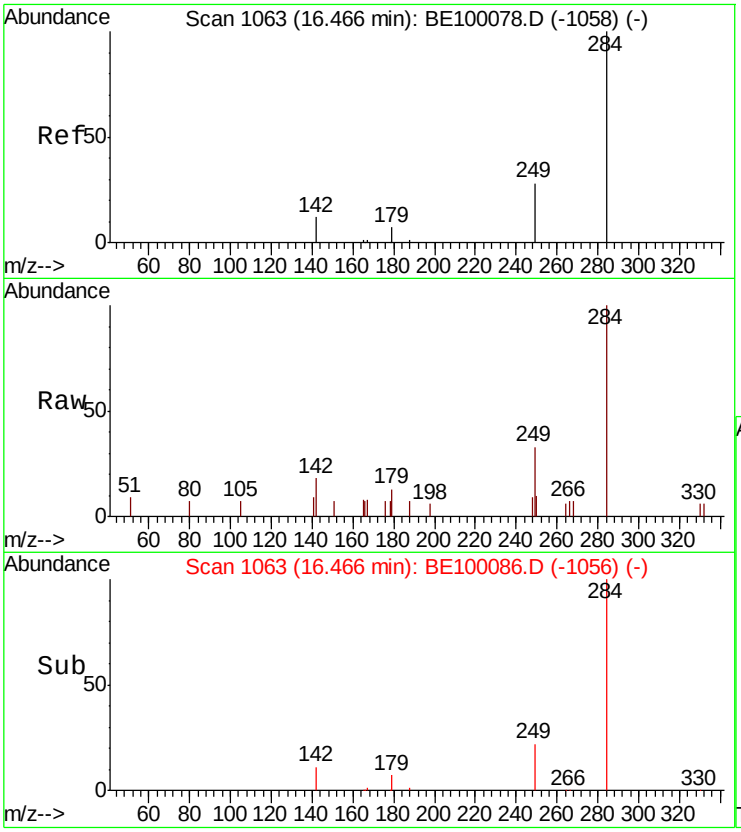


#20
4-Bromophenyl-phenylether
Concen: 0.347 ng
RT: 16.36 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:248 Resp: 1011

Ion	Ratio	Lower	Upper
248	100		
250	97.5	80.6	120.8
141	49.2	38.8	58.2



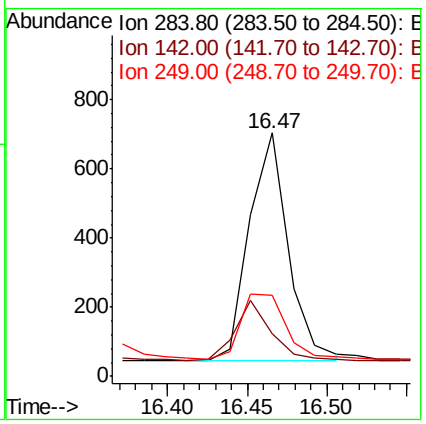


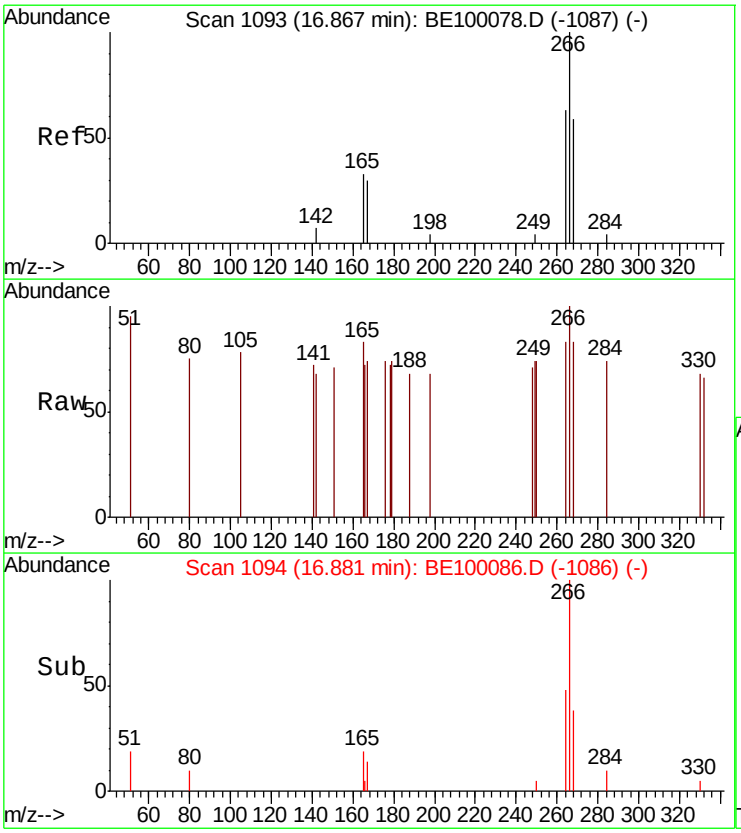
#21
Hexachlorobenzene
Concen: 0.344 ng
RT: 16.47 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:284 Resp: 1107

Ion	Ratio	Lower	Upper
284	100		
142	25.5	20.7	31.1
249	33.6	26.6	39.8

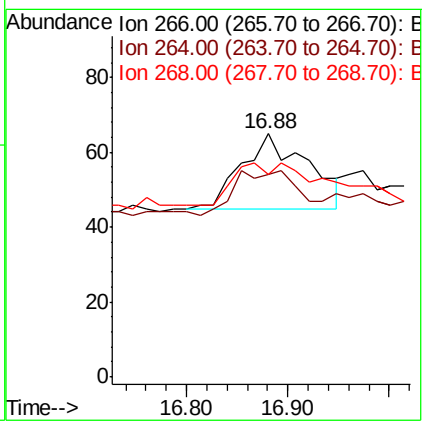


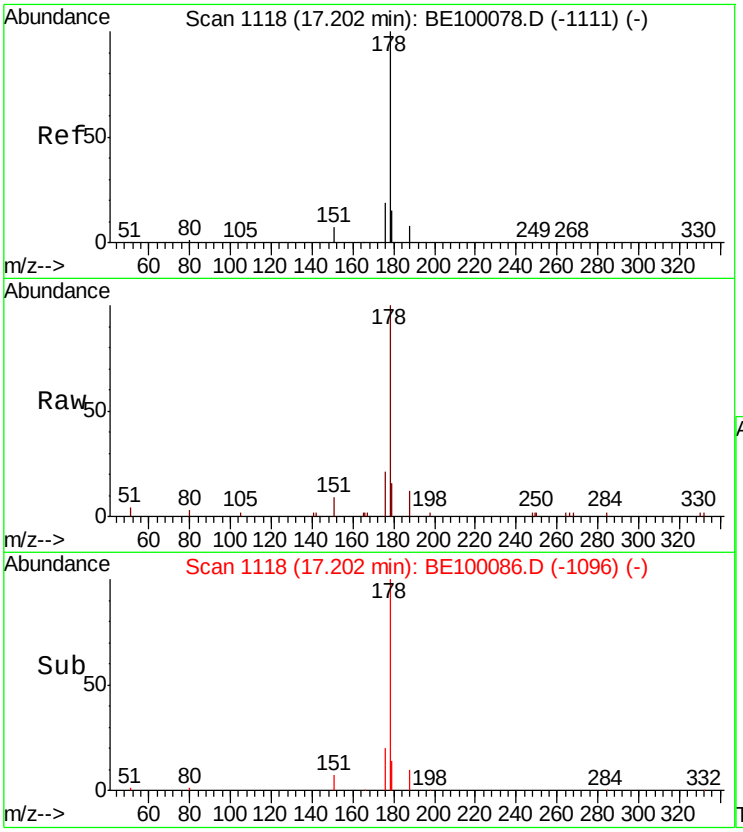


#22
Pentachlorophenol
Concen: 0.328 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:266 Resp: 90

Ion	Ratio	Lower	Upper
266	100		
264	83.1	67.8	101.6
268	83.1	70.0	105.0



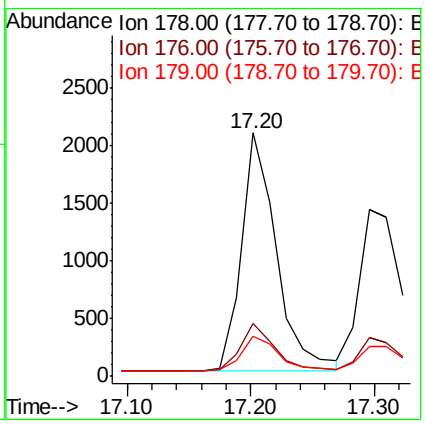


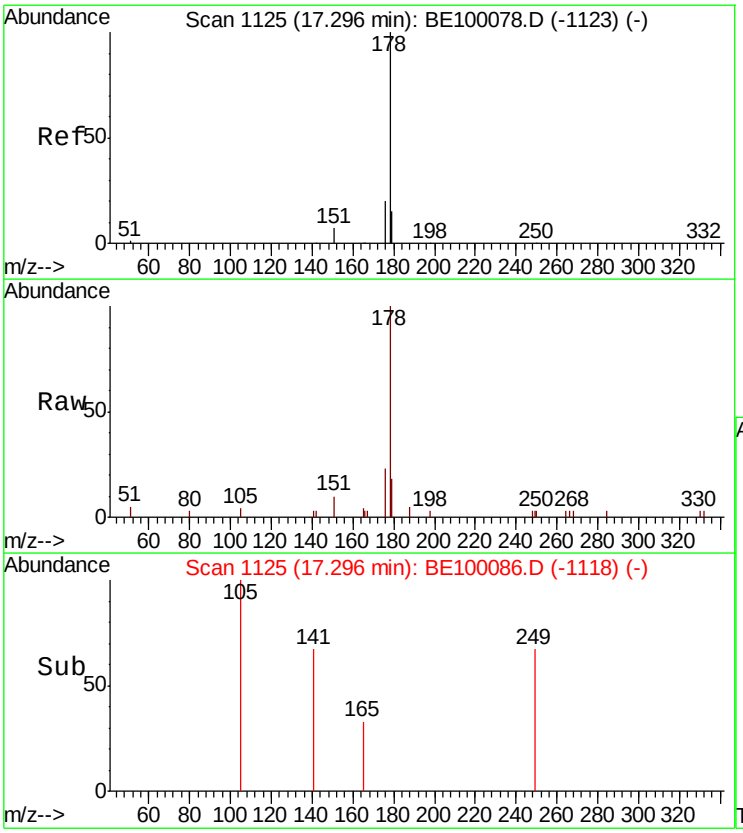
#23
Phenanthrene
Concen: 0.344 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:178 Resp: 4038

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.4	13.1	19.7

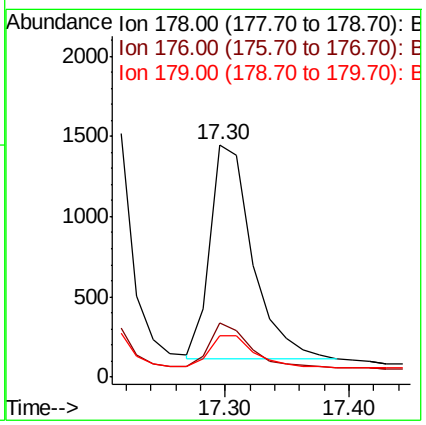


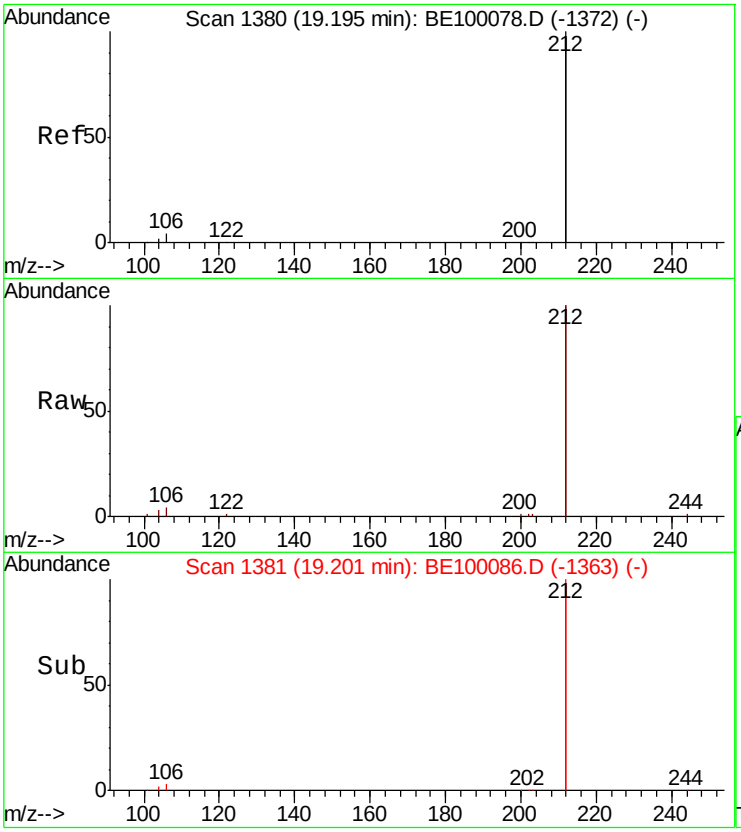


#24
Anthracene
Concen: 0.322 ng
RT: 17.30 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:178 Resp: 3190

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.8	12.0	18.0



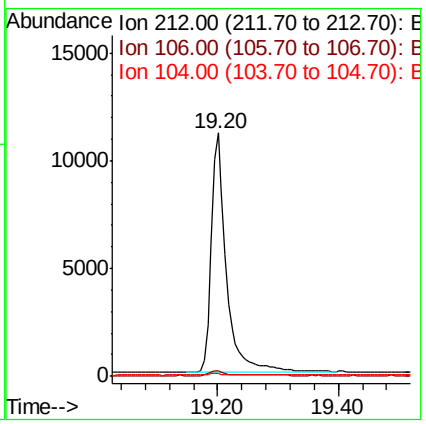


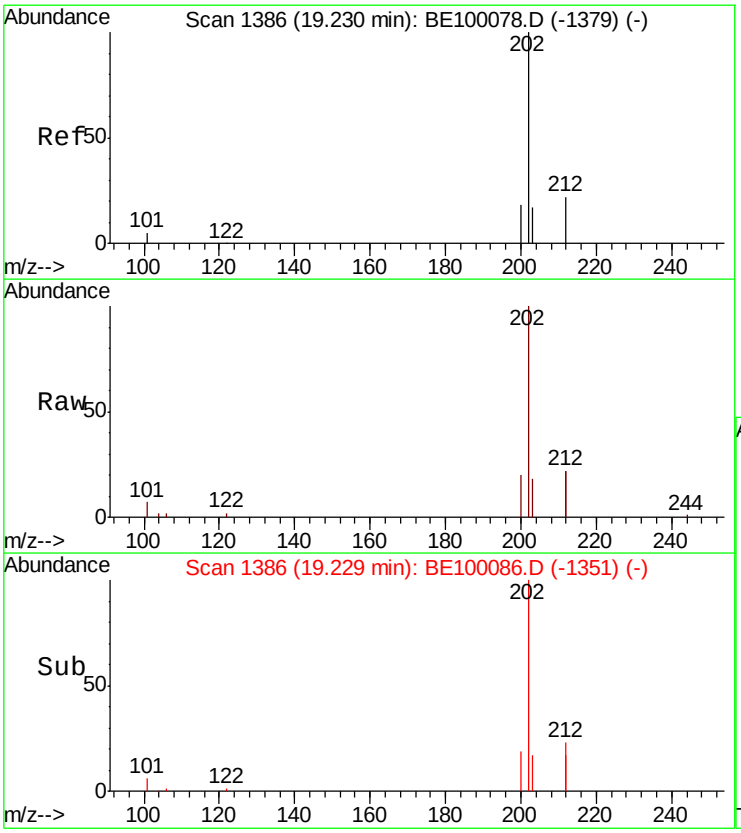
#25
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:212 Resp: 19564

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

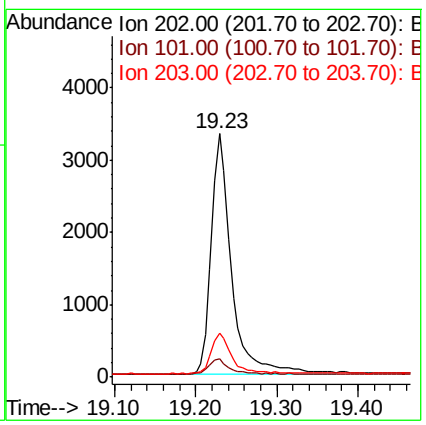


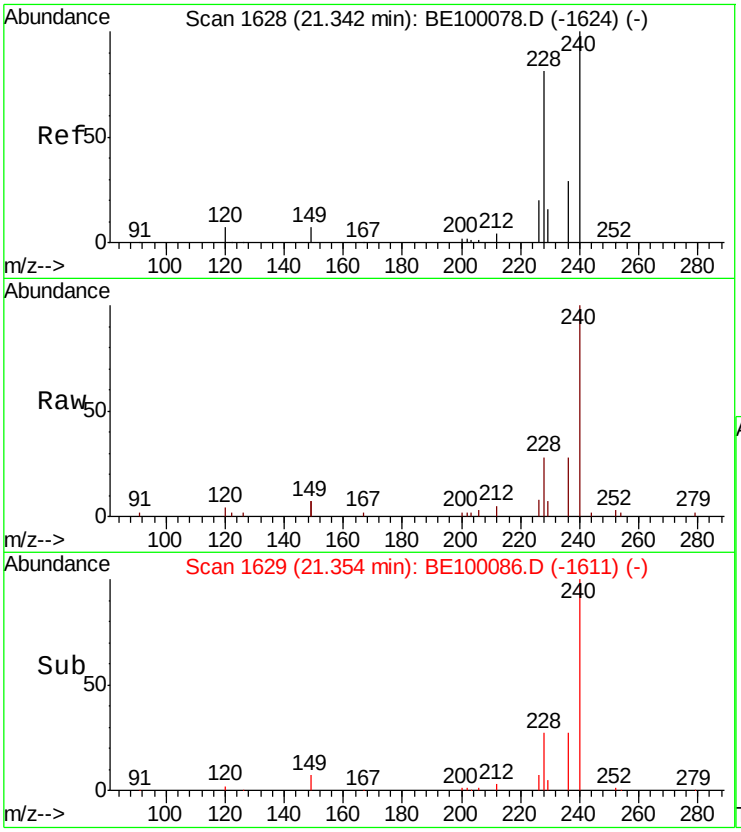


#26
Fluoranthene
Concen: 0.306 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:202 Resp: 5769

Ion	Ratio	Lower	Upper
202	100		
101	5.9	5.0	7.4
203	17.8	13.7	20.5



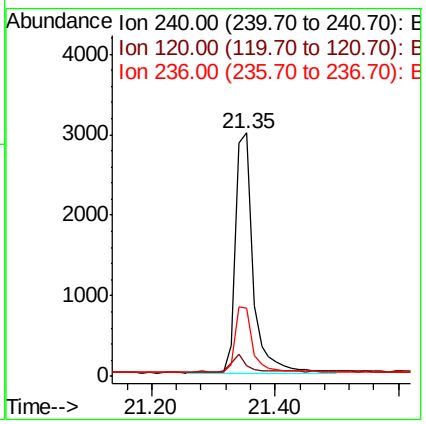


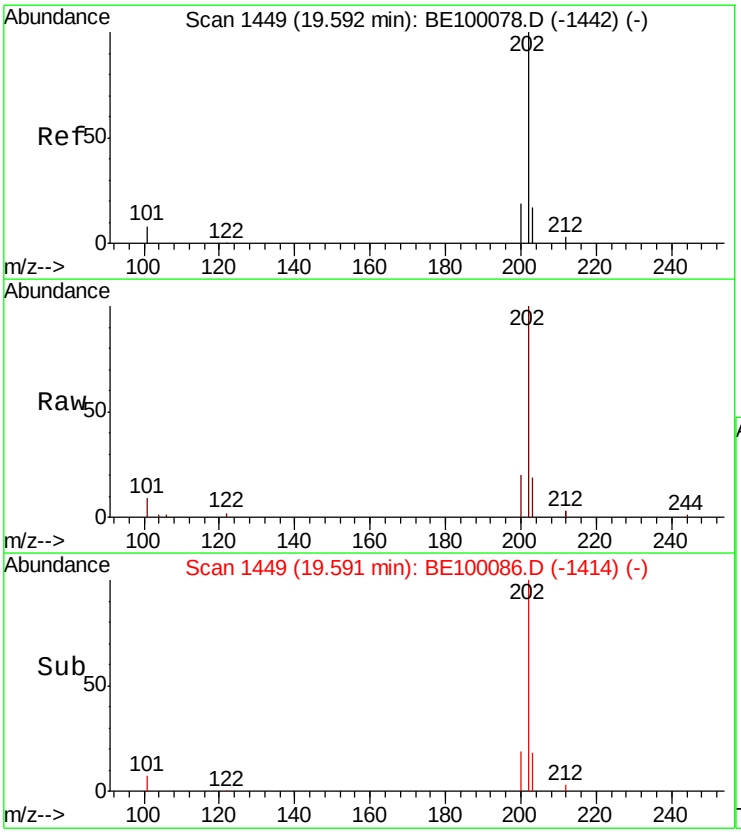
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:240 Resp: 5829

Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.6	10.0#
236	28.1	23.8	35.6

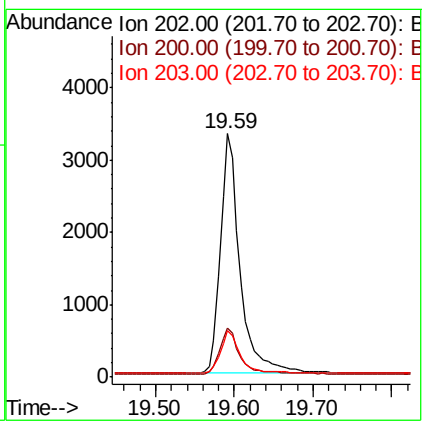


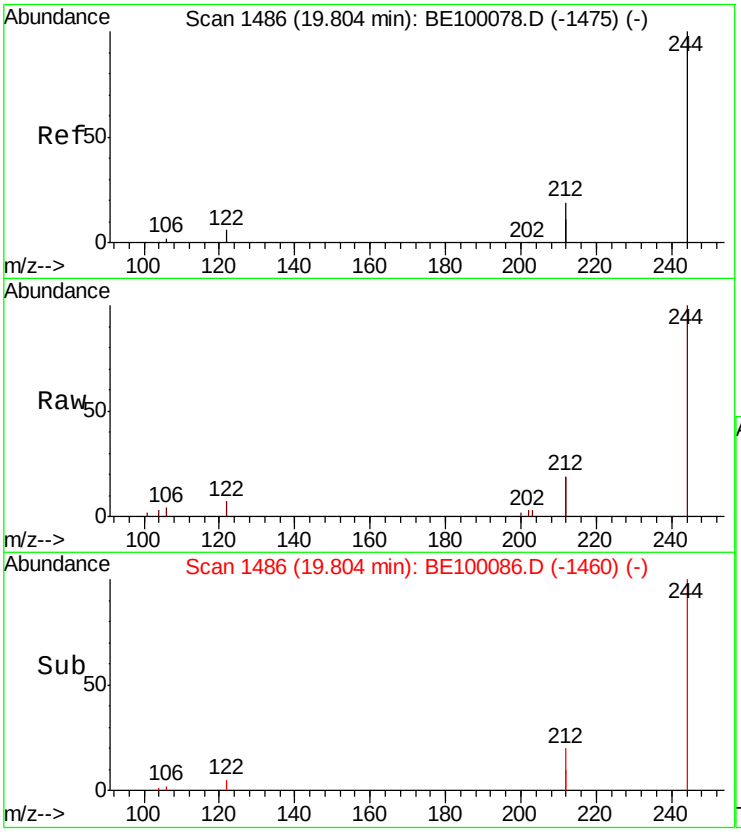


#28
Pyrene
Concen: 0.384 ng
RT: 19.59 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:202 Resp: 5746

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.9	13.9	20.9



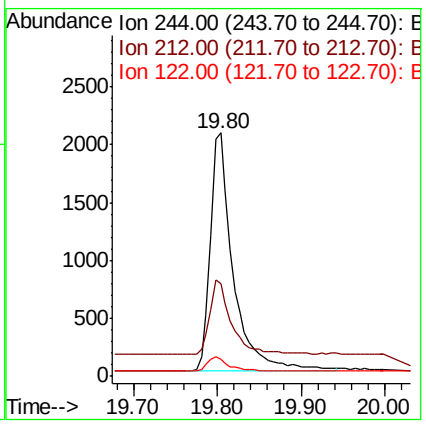


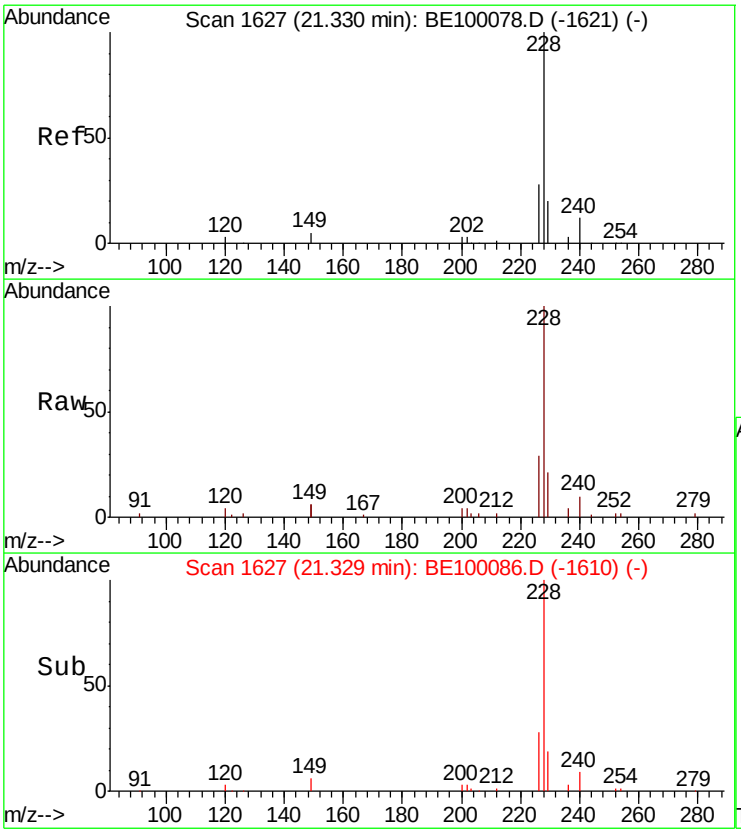
#29
Terphenyl-d14
Concen: 0.340 ng
RT: 19.80 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:244 Resp: 3959

Ion	Ratio	Lower	Upper
244	100		
212	38.2	29.8	44.8
122	7.2	6.1	9.1

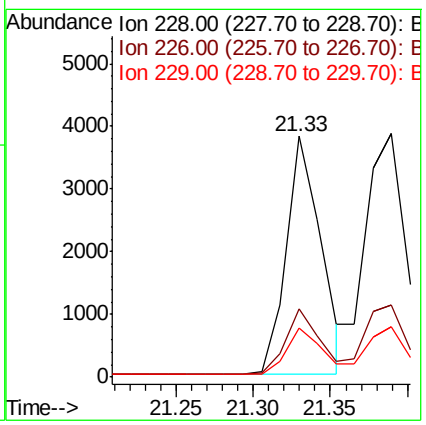


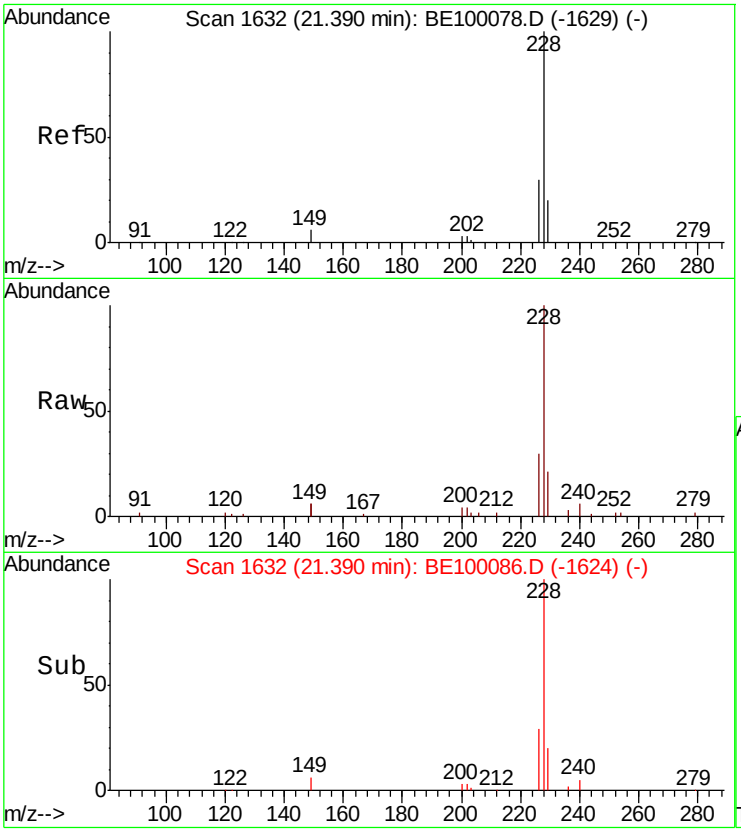


#30
Benzo(a)anthracene
Concen: 0.344 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:228 Resp: 5966

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.5	16.4	24.6



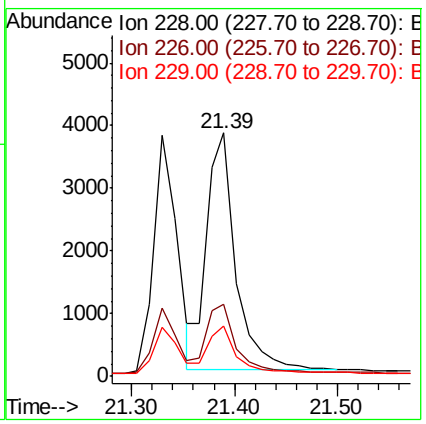


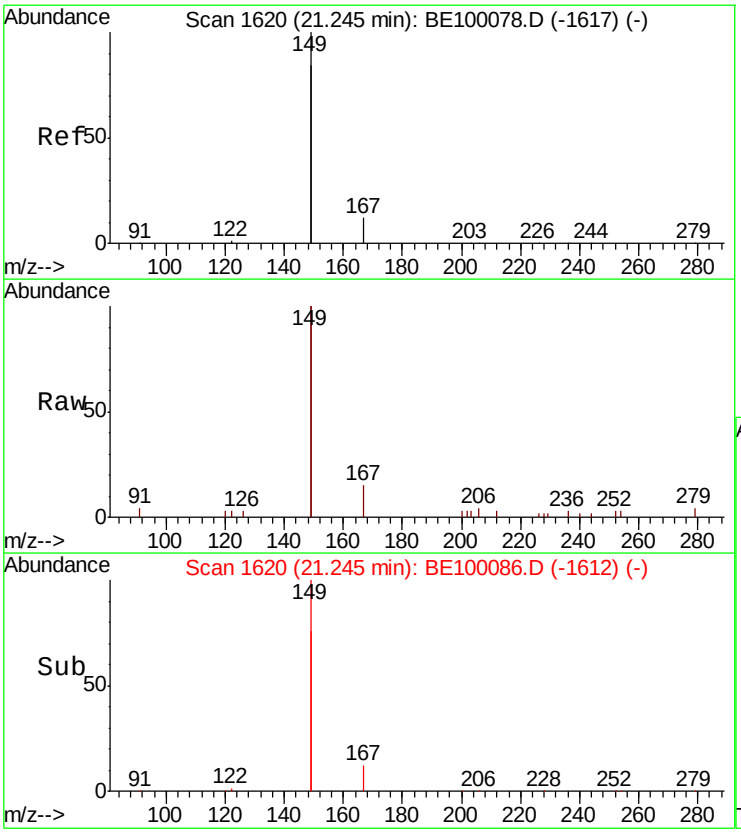
#31
Chrysene
Concen: 0.368 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:228 Resp: 7422

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	20.8	16.3	24.5

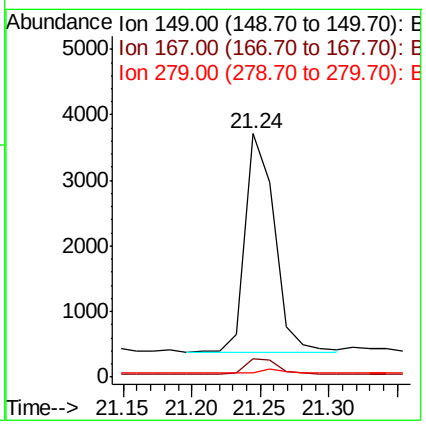


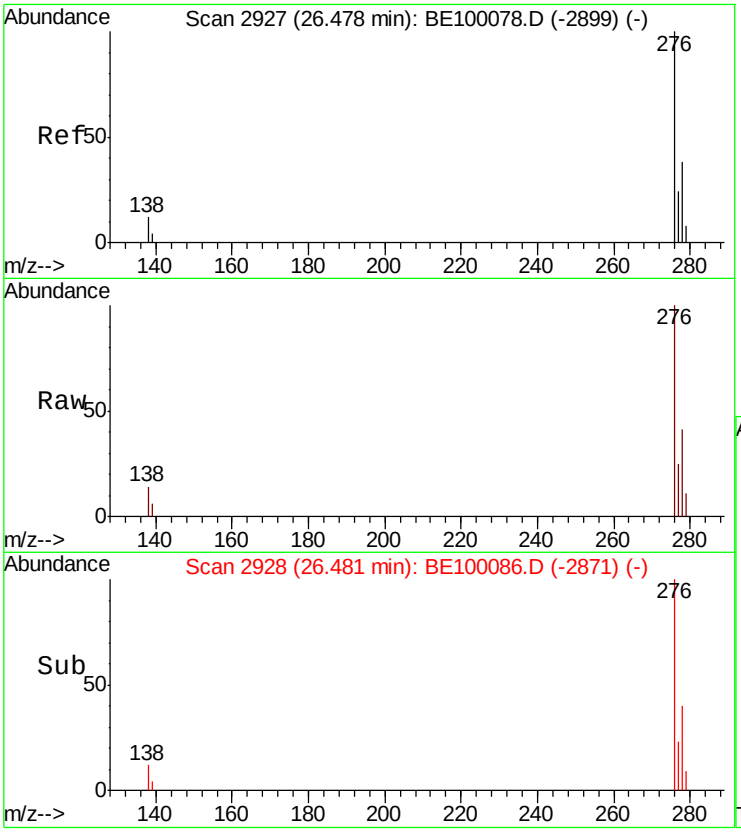


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.302 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:149 Resp: 4939

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.6	1.1	1.7



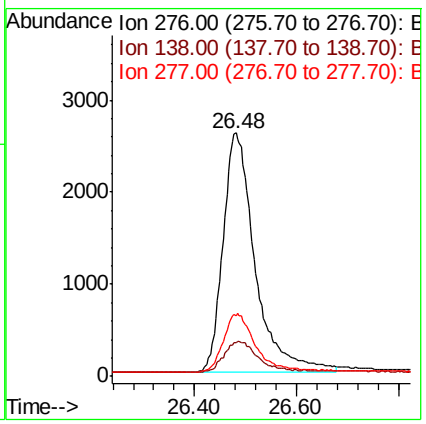


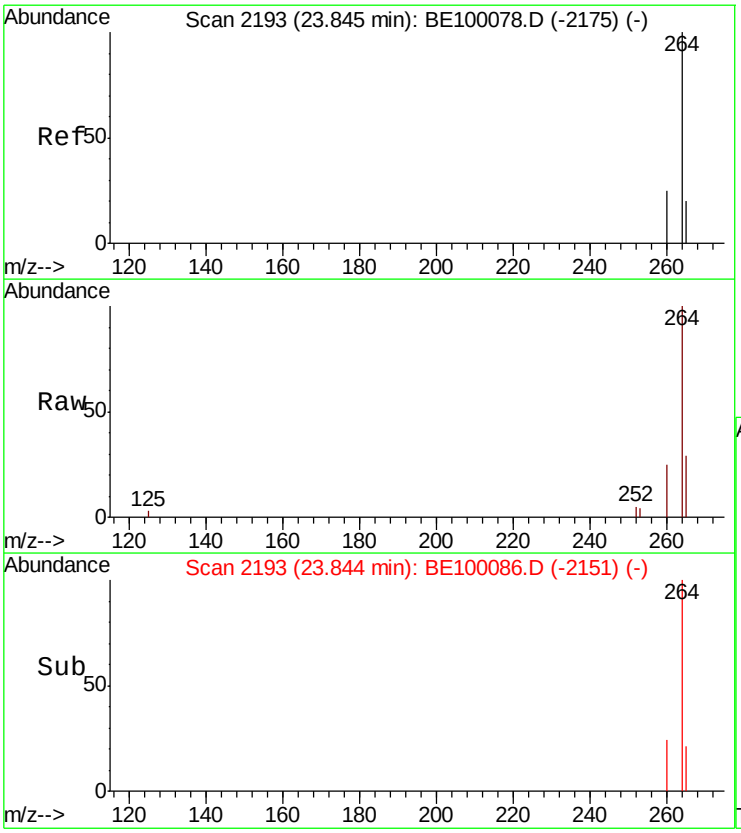
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:276 Resp: 11391

Ion	Ratio	Lower	Upper
276	100		
138	13.3	4.3	6.5#
277	23.9	19.4	29.0

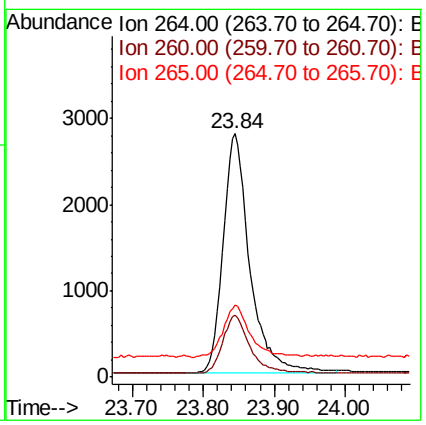


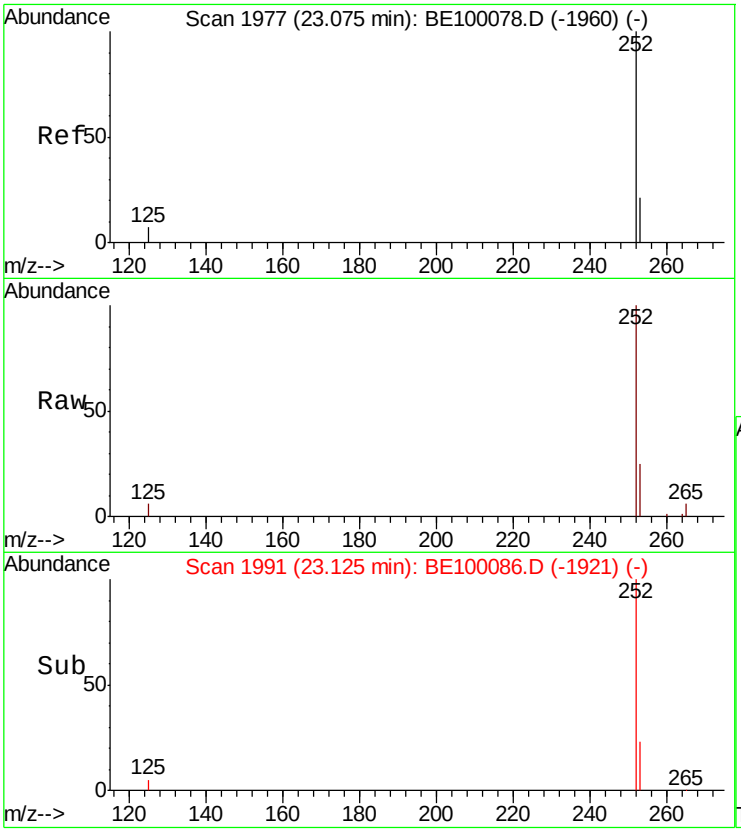


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:264 Resp: 7231

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.8	31.2
265	29.4	23.2	34.8



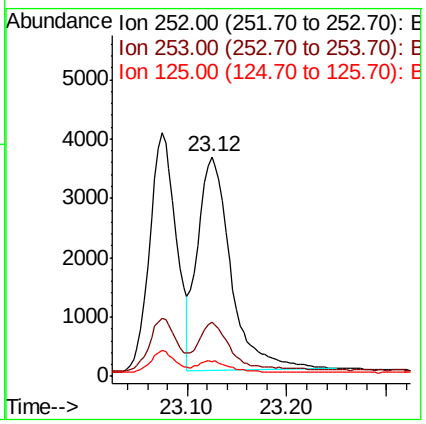


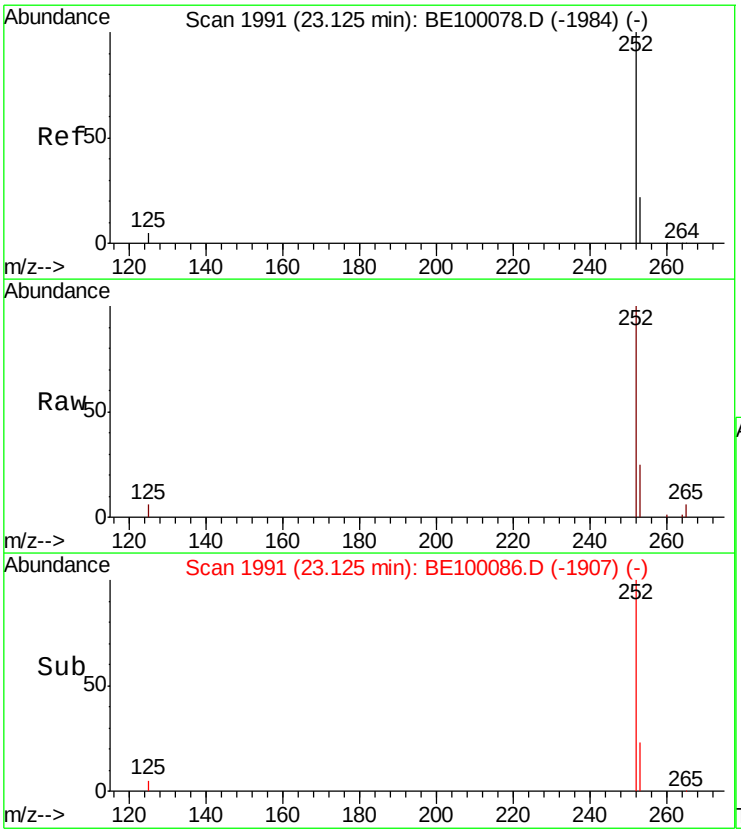
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 23.12 min Scan# 1991
Delta R.T. 0.05 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:252 Resp: 8354

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	6.4	6.4	9.6

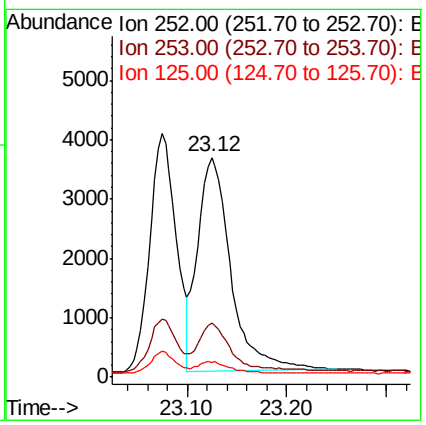


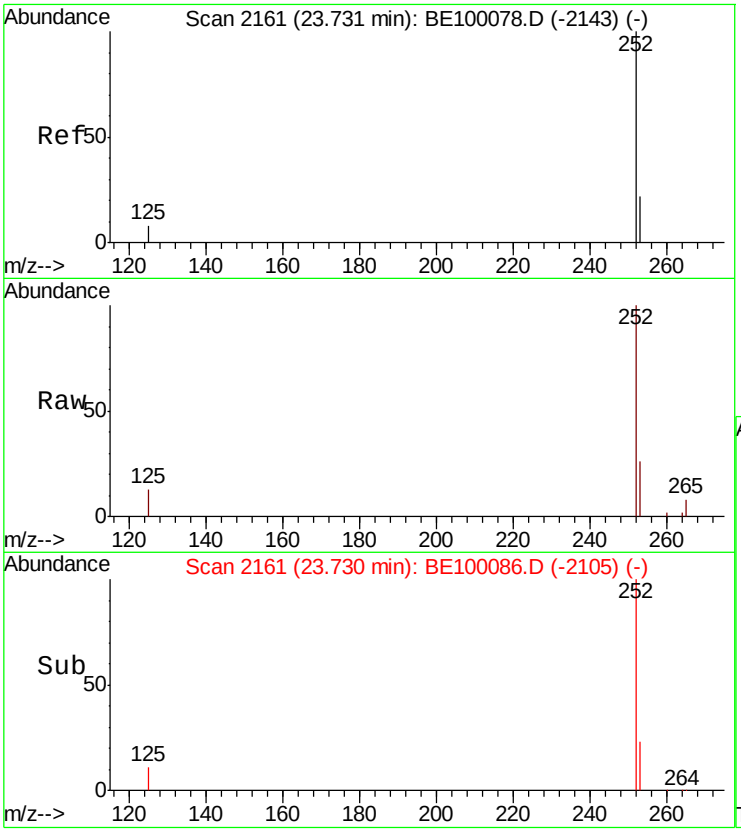


#36
Benzo(k)fluoranthene
Concen: 0.346 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:252 Resp: 8354

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.9	28.3
125	6.4	5.3	7.9



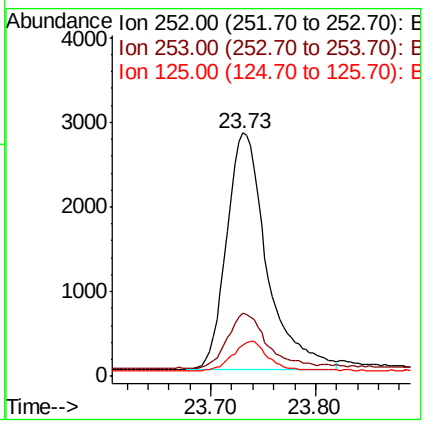


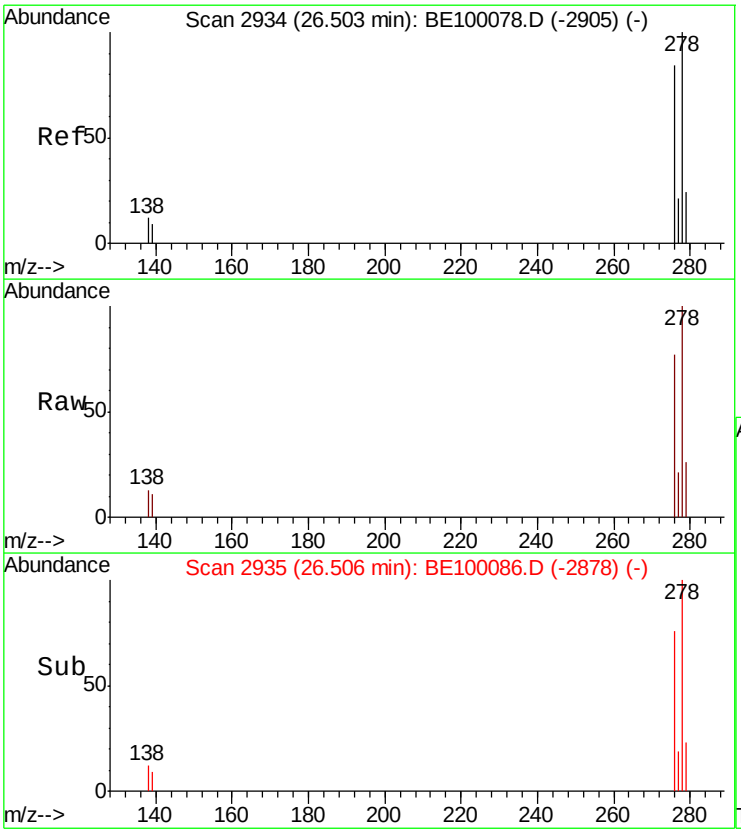
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.73 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:252 Resp: 7413

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.4	29.2
125	12.7	8.0	12.0#

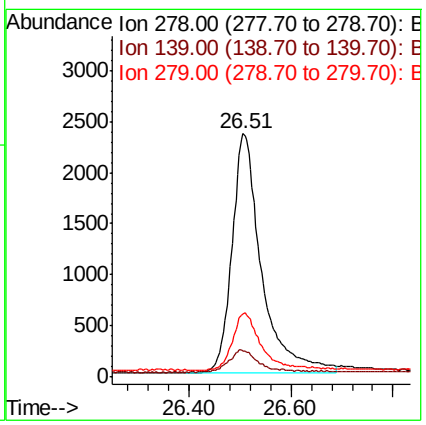


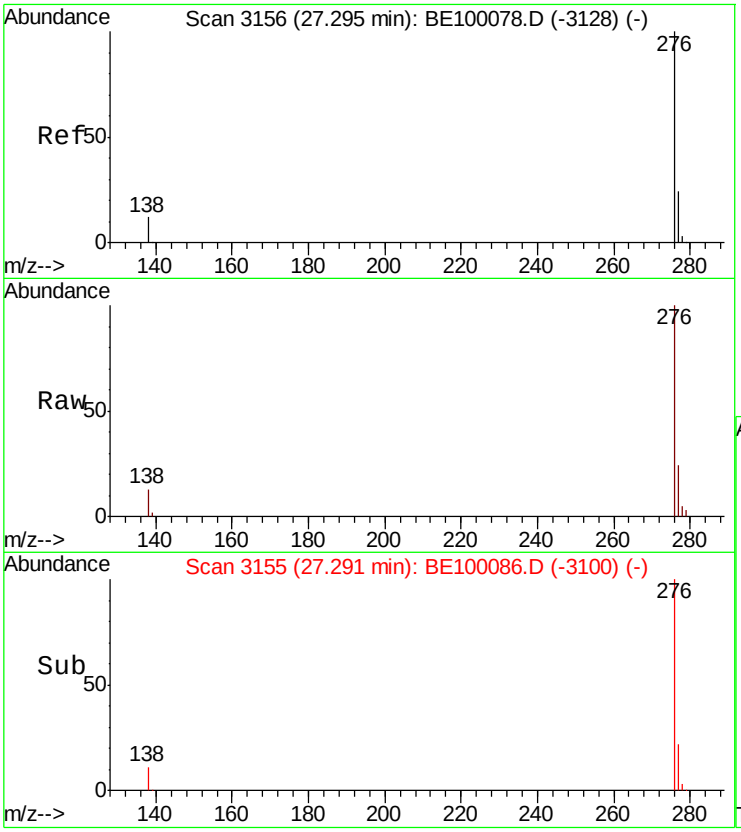


#38
Dibenzo(a,h)anthracene
Concen: 0.446 ng
RT: 26.51 min Scan# 2935
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:278 Resp: 9360

Ion	Ratio	Lower	Upper
278	100		
139	11.0	9.0	13.6
279	26.1	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.442 ng
RT: 27.29 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tgt Ion:276 Resp: 9649

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.3	30.5
138	12.6	11.3	16.9