Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100154.D
Acq On : 22 Jun 2019 4:00
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 22 04:40:55 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	7.72	152	892	0.40	ng		-0.01
7) Naphthalene-d8	10.52	136	3582	0.40	ng		-0.01
13) Acenaphthene-d10	14.40	164	2807	0.40	ng		-0.01
19) Phenanthrene-d10	17.15	188	7764	0.40	ng		-0.01
27) Chrysene-d12	21.34	240	8947	0.40	ng		0.00
34) Perylene-d12	23.83	264	10773	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	991	0.54	ng		-0.01
5) Phenol-d6	6.91	99	1491	0.59	ng		-0.02
8) Nitrobenzene-d5	8.89	82	1511	0.43	ng		-0.02
11) 2-Methylnaphthalene-d10	12.14	152	2775	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.90	330	814	0.53	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	4600	0.42	ng		-0.03
25) Fluoranthene-d10	19.19	212	40846	0.37	ng		0.00
29) Terphenyl-d14	19.79	244	8859	0.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	365	0.255	ng	#	93
3) n-Nitrosodimethylamine	3.54	42	236	0.593	ng	#	100
6) bis(2-Chloroethyl)ether	7.16	93	1085	0.447	ng		81
9) Naphthalene	10.58	128	15794	0.406	ng		98
10) Hexachlorobutadiene	10.85	225	1404	0.367	ng		98
12) 2-Methylnaphthalene	12.21	142	2762	0.431	ng		96
16) Acenaphthylene	14.13	152	5786	0.434	ng		98
17) Acenaphthene	14.47	154	3122	0.419	ng		93
18) Fluorene	15.45	166	4454	0.401	ng		100
20) 4-Bromophenyl-phenylether	16.34	248	2036	0.441	ng		93
21) Hexachlorobenzene	16.45	284	2113	0.415	ng		96
22) Pentachlorophenol	16.81	266	797	0.724	ng	#	78
23) Phenanthrene	17.19	178	7645	0.411	ng		98
24) Anthracene	17.28	178	7015	0.447	ng		98
26) Fluoranthene	19.22	202	10919	0.366	ng		99
28) Pyrene	19.58	202	11306	0.492	ng		99
30) Benzo(a)anthracene	21.33	228	12112	0.455	ng		94
31) Chrysene	21.38	228	12160	0.393	ng		97
32) Bis(2-ethylhexyl)phthalate	21.25	149	20425	0.813	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	14584	0.419	ng	#	96
35) Benzo(b)fluoranthene	23.07	252	11798	0.373	ng		95
36) Benzo(k)fluoranthene	23.12	252	12417	0.345	ng	#	96
37) Benzo(a)pyrene	23.72	252	11396	0.373	ng		95
38) Dibenzo(a,h)anthracene	26.49	278	11190	0.358	ng		96
39) Benzo(g,h,i)perylene	27.29	276	11499	0.354	ng		96

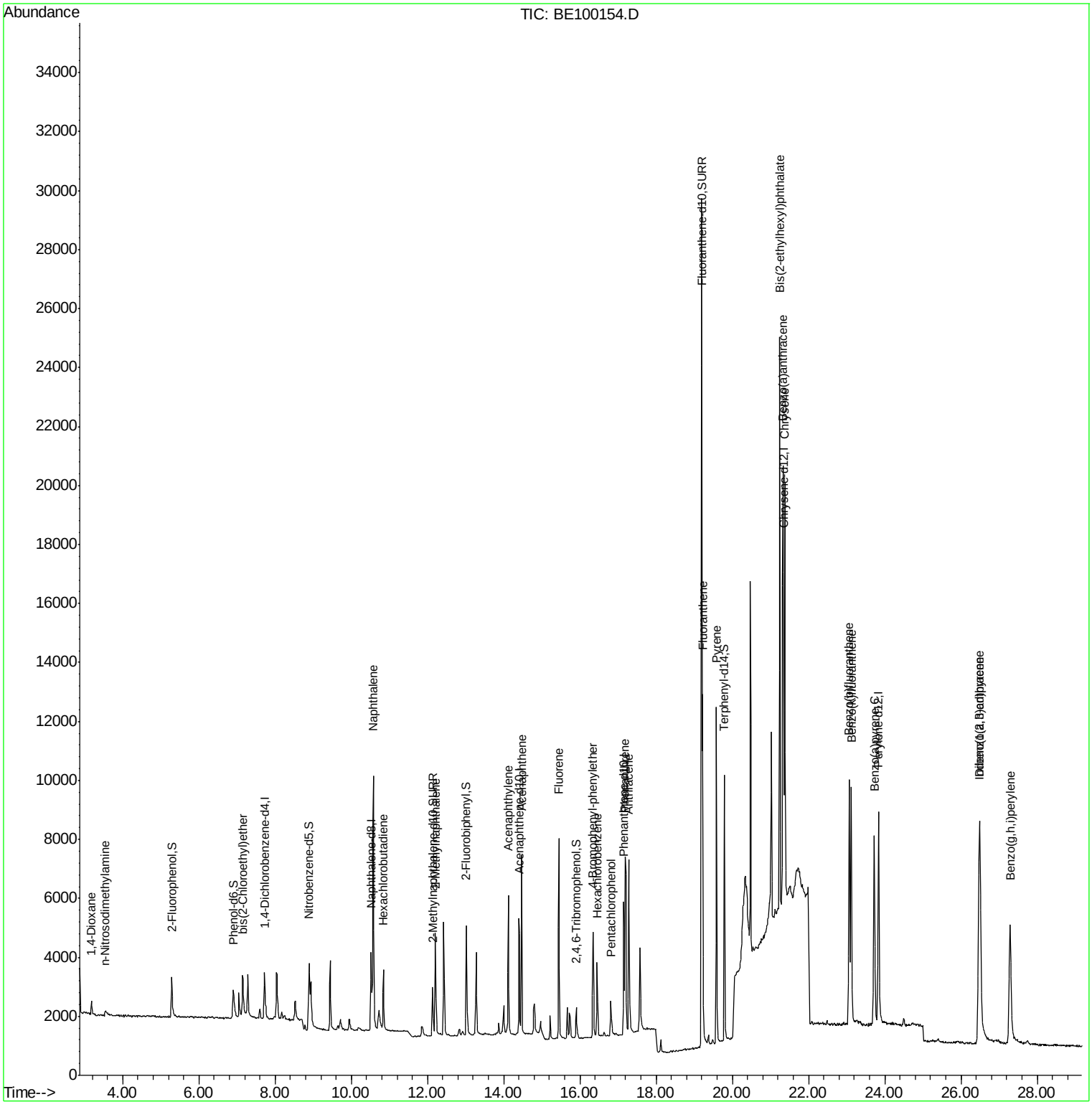
(#) = qualifier out of range (m) = manual integration (+) = signals summed

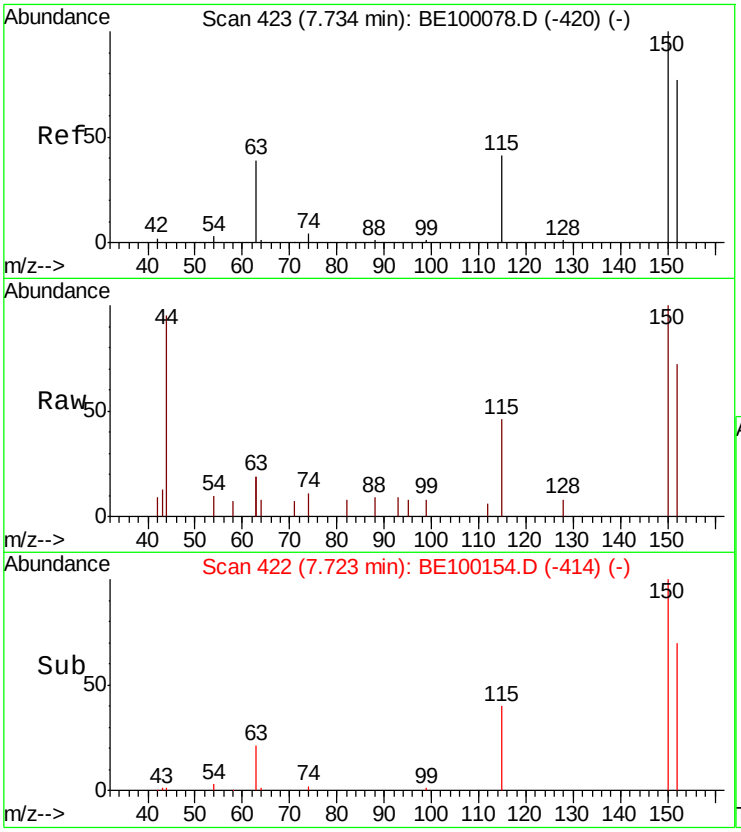
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100154.D
Acq On : 22 Jun 2019 4:00
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 22 04:40:55 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



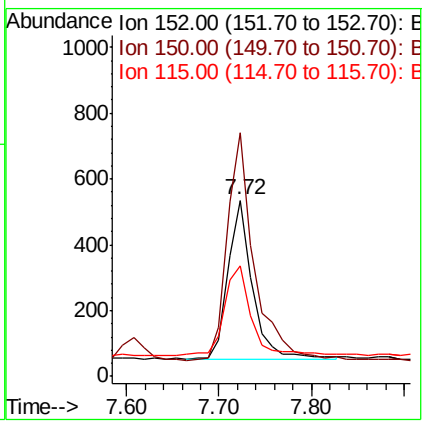


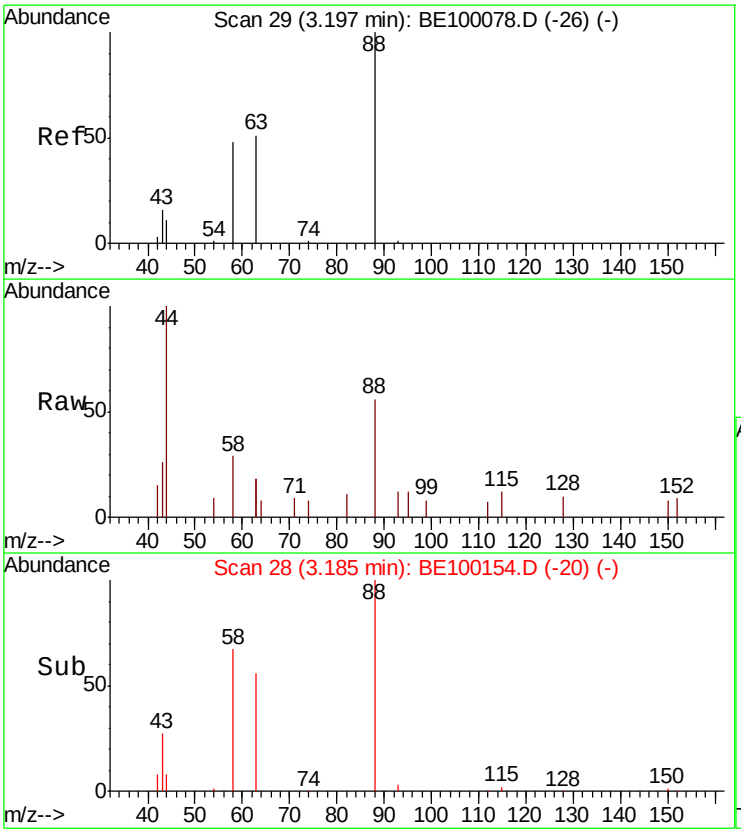
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 892

Ion	Ratio	Lower	Upper
152	100		
150	138.3	99.8	149.8
115	63.0	51.3	76.9

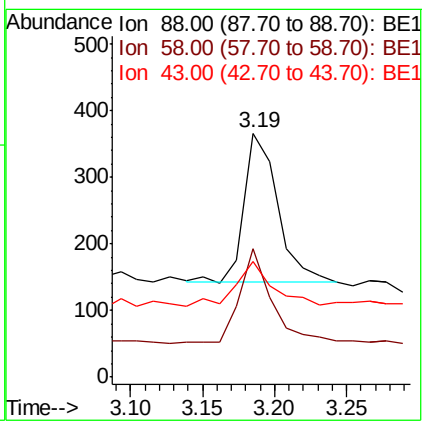


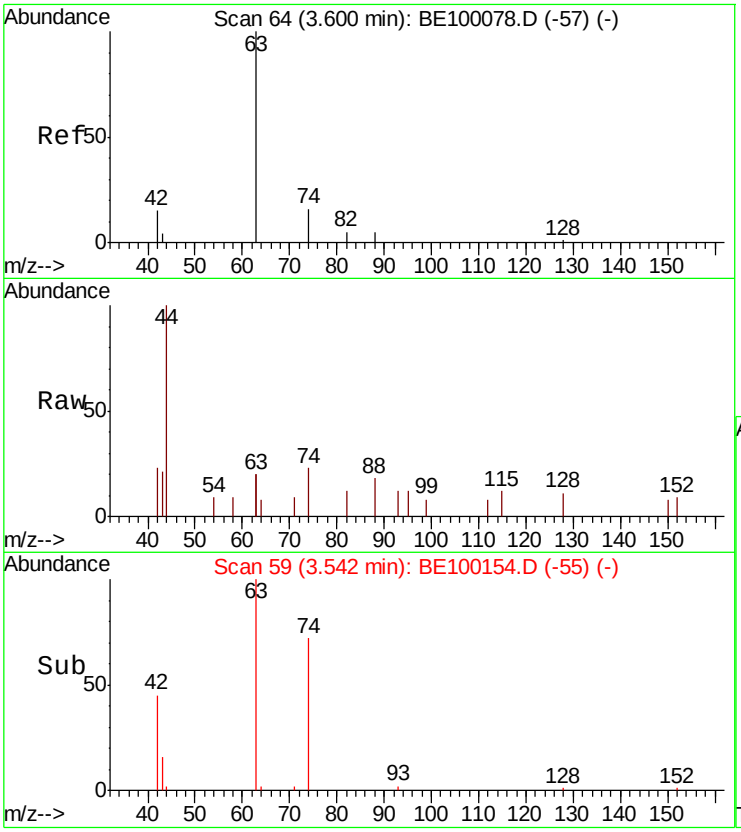


#2
1,4-Dioxane
Concen: 0.255 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion: 88 Resp: 365

Ion	Ratio	Lower	Upper
88	100		
58	60.8	51.1	76.7
43	34.0	21.7	32.5#



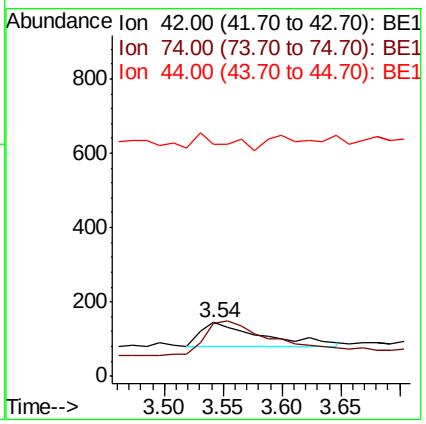


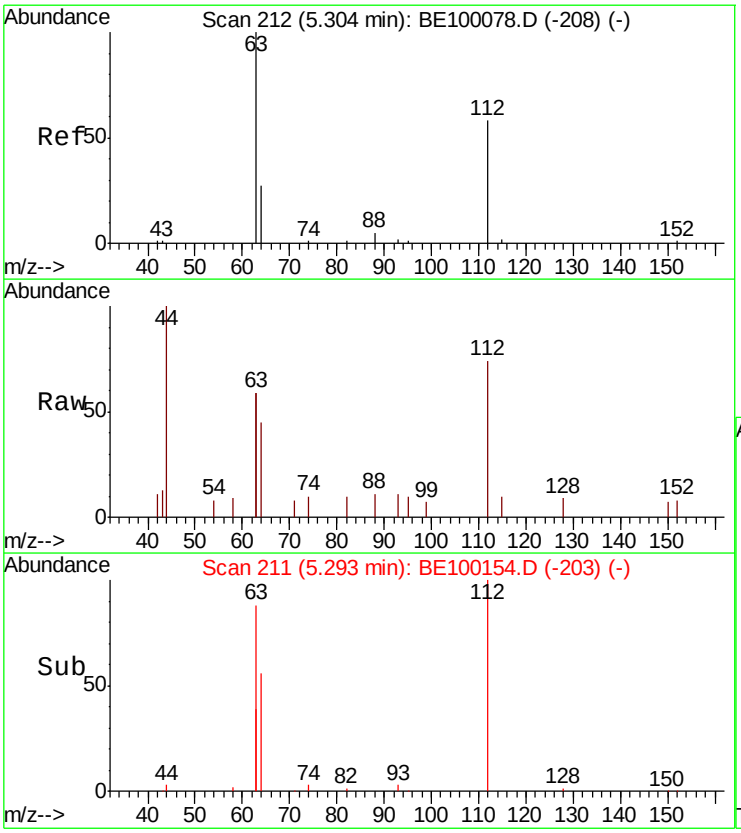
#3
n-Nitrosodimethylamine
Concen: 0.593 ng
RT: 3.54 min Scan# 59
Delta R.T. -0.06 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 236

Ion	Ratio	Lower	Upper
42	100		
74	151.7	0.0	0.0#
44	0.0	0.0	0.0

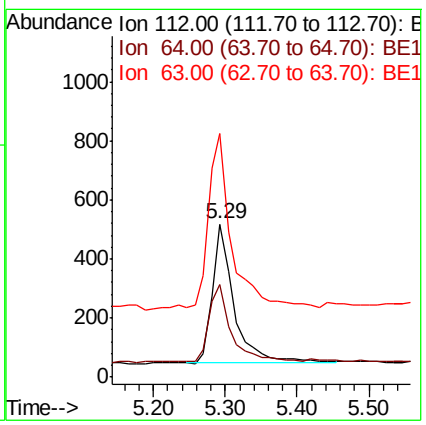


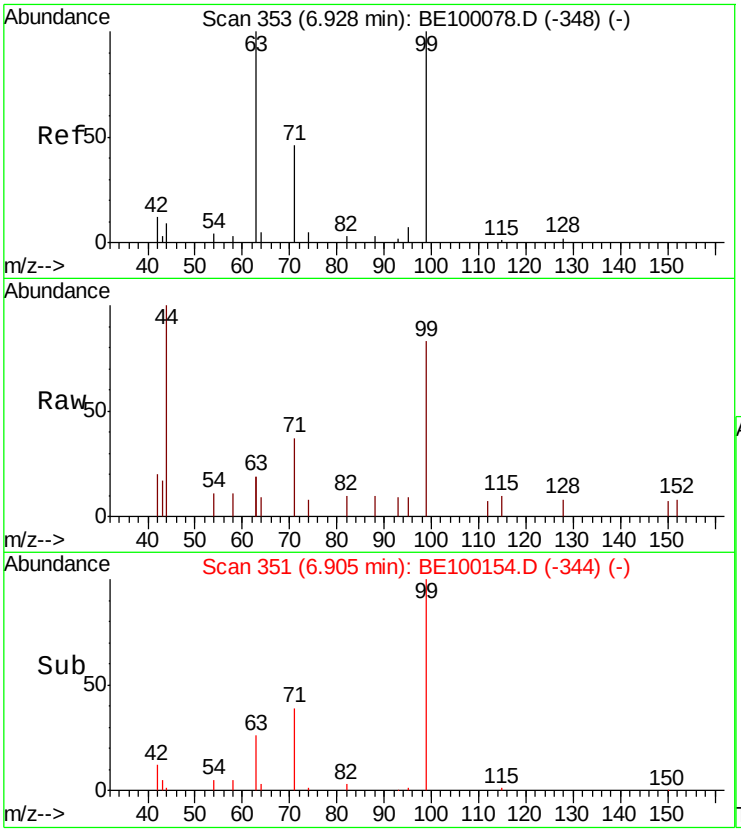


#4
2-Fluorophenol
Concen: 0.535 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:112 Resp: 991

Ion	Ratio	Lower	Upper
112	100		
64	57.4	22.0	33.0#
63	131.8	121.8	182.6



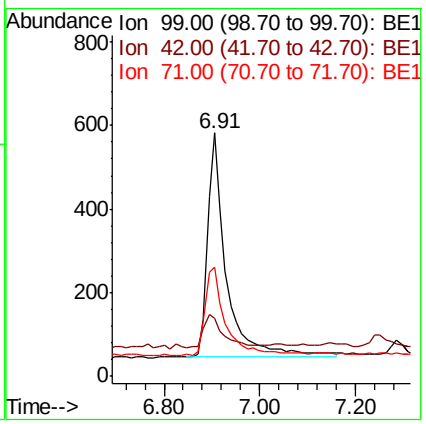


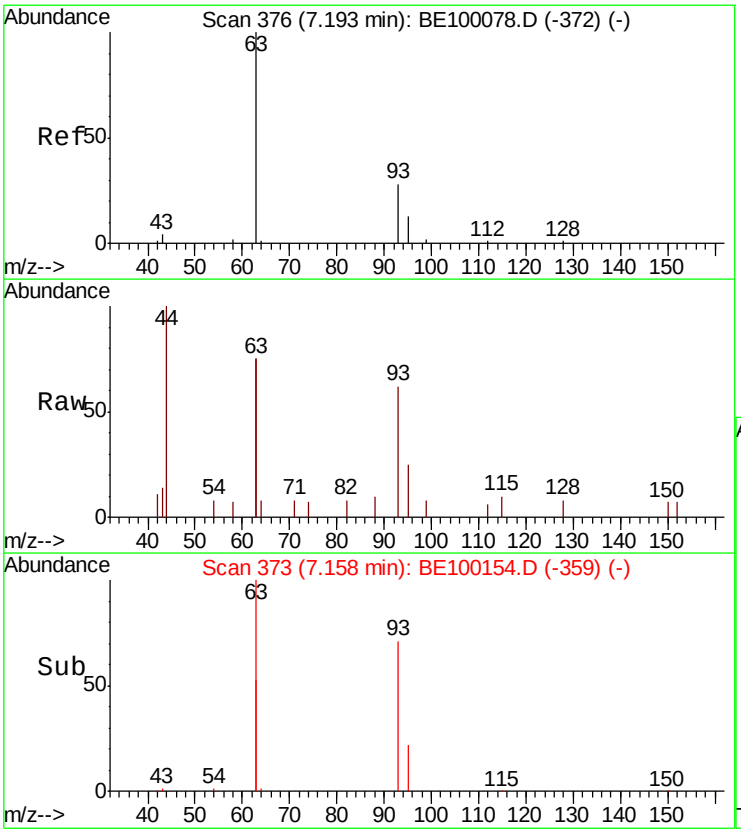
#5
Phenol-d6
Concen: 0.587 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1491

Ion	Ratio	Lower	Upper
99	100		
42	16.0	0.0	0.0#
71	43.5	37.6	56.4

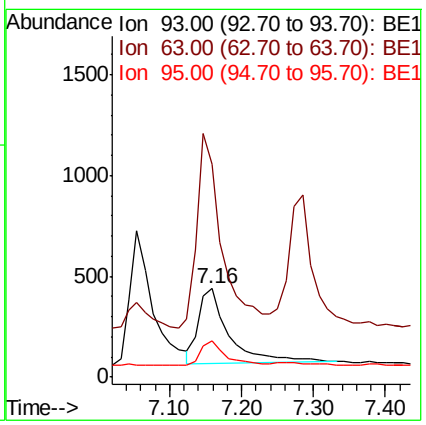


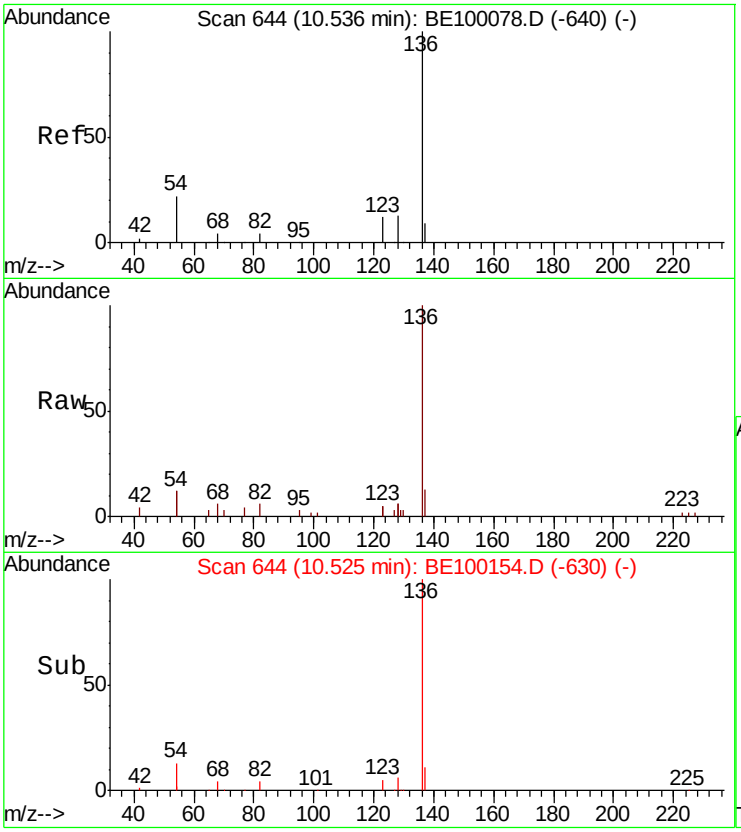


#6
bis(2-Chloroethyl)ether
Concen: 0.447 ng
RT: 7.16 min Scan# 373
Delta R.T. -0.03 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion: 93 Resp: 1085

Ion	Ratio	Lower	Upper
93	100		
63	215.0	200.0	300.0
95	26.1	24.0	36.0



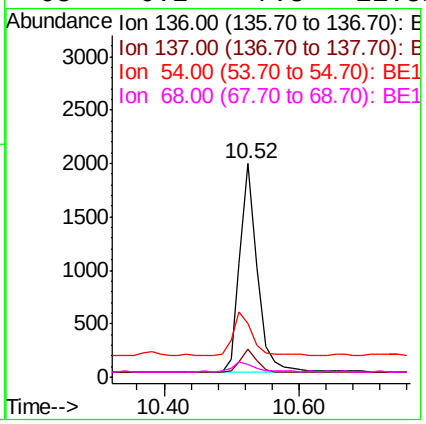


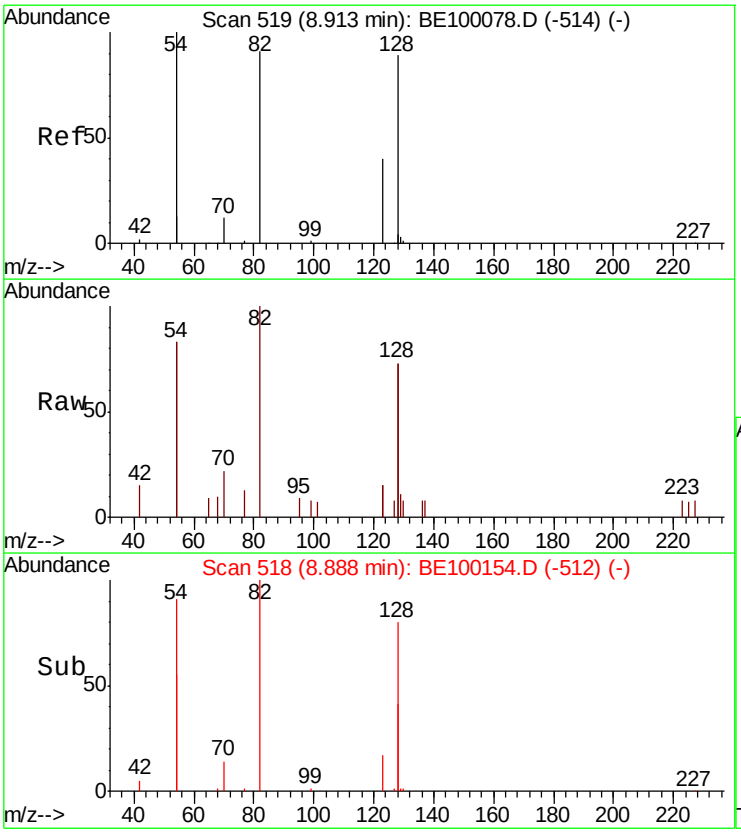
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 644
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 3582

Ion	Ratio	Lower	Upper
136	100		
137	13.1	11.6	17.4
54	24.9	33.9	50.9#
68	6.2	7.8	11.8#

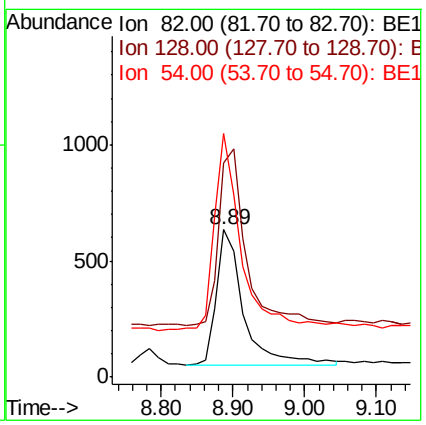


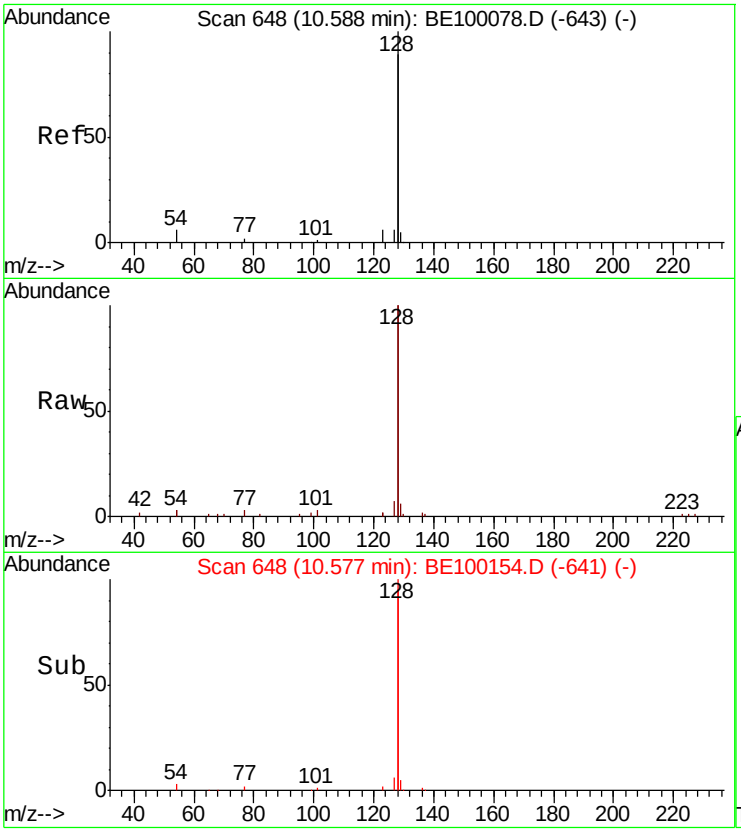


#8
Nitrobenzene-d5
Concen: 0.435 ng
RT: 8.89 min Scan# 518
Delta R.T. -0.02 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion: 82 Resp: 1511

Ion	Ratio	Lower	Upper
82	100		
128	145.7	128.0	192.0
54	165.3	143.4	215.0



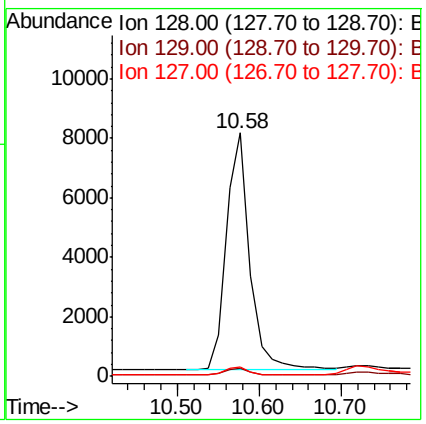


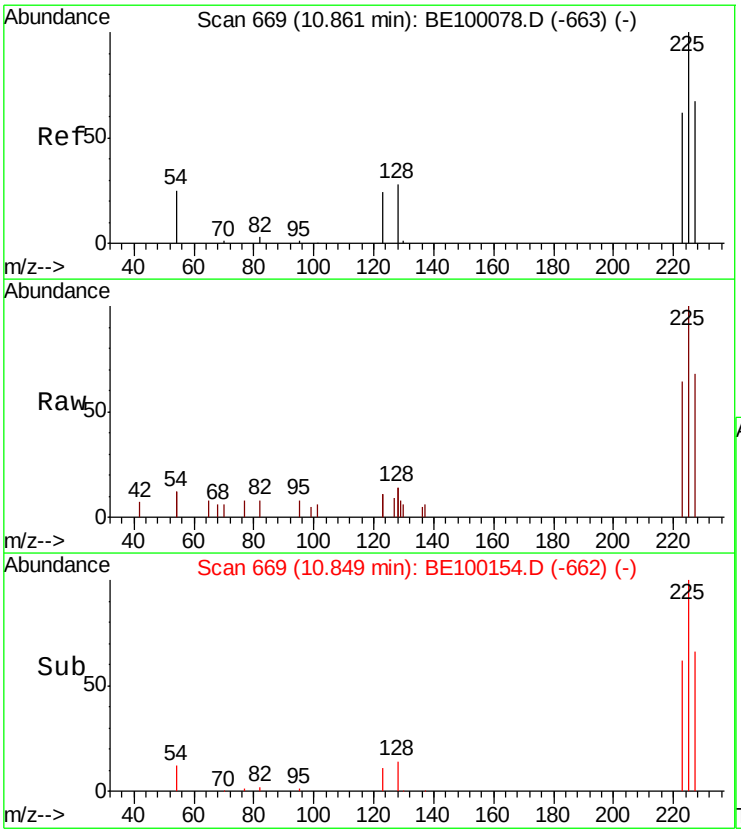
#9
Naphthalene
Concen: 0.406 ng
RT: 10.58 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 15794

Ion	Ratio	Lower	Upper
128	100		
129	3.2	3.1	4.7
127	3.7	3.4	5.2

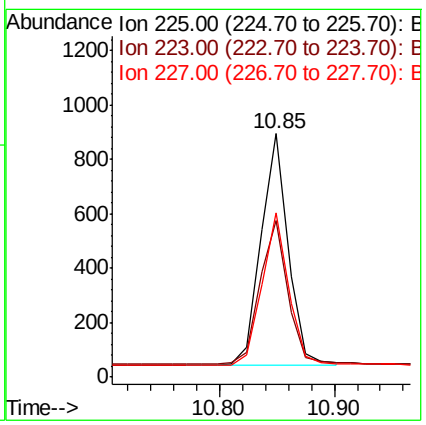


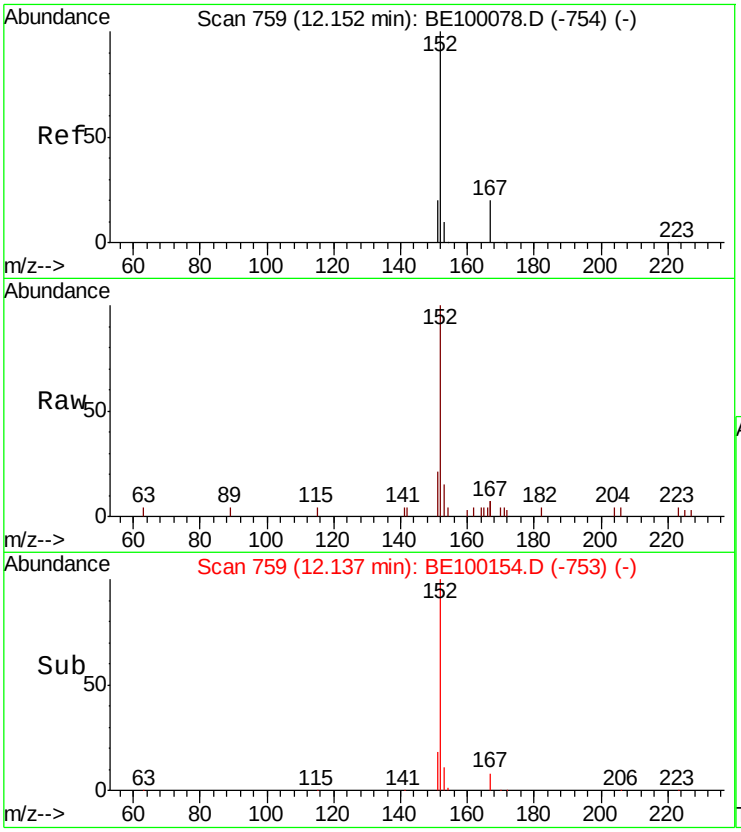


#10
Hexachlorobutadiene
Concen: 0.367 ng
RT: 10.85 min Scan# 669
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:225 Resp: 1404

Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	64.6	53.0	79.6



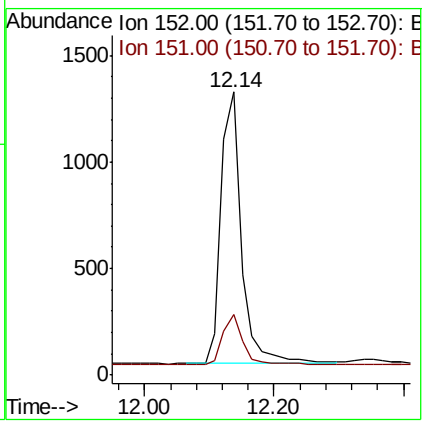


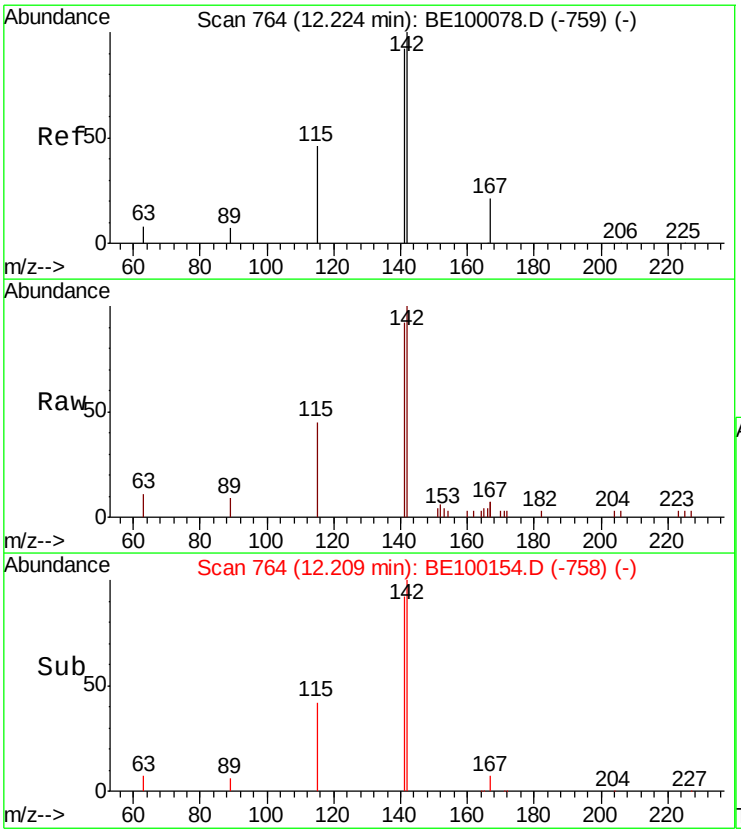
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.14 min Scan# 759
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2775

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.3	24.5

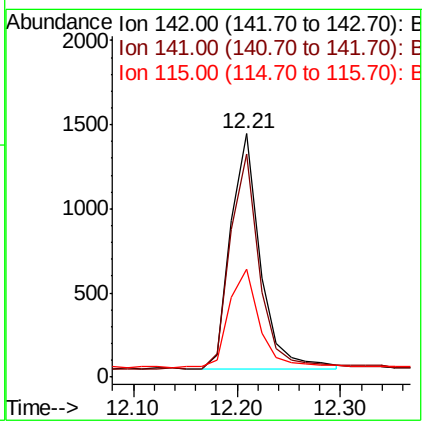


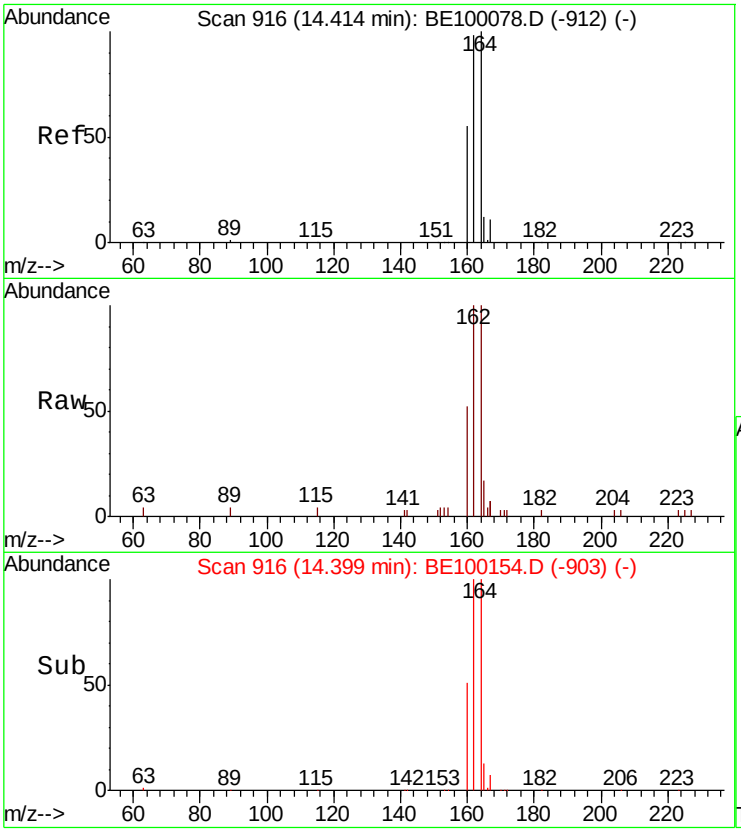


#12
2-Methylnaphthalene
Concen: 0.431 ng
RT: 12.21 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:142 Resp: 2762

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1
115	44.6	40.9	61.3



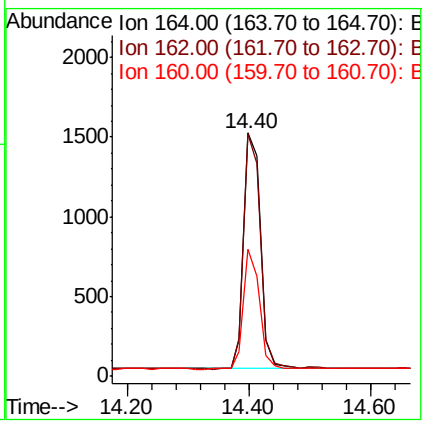


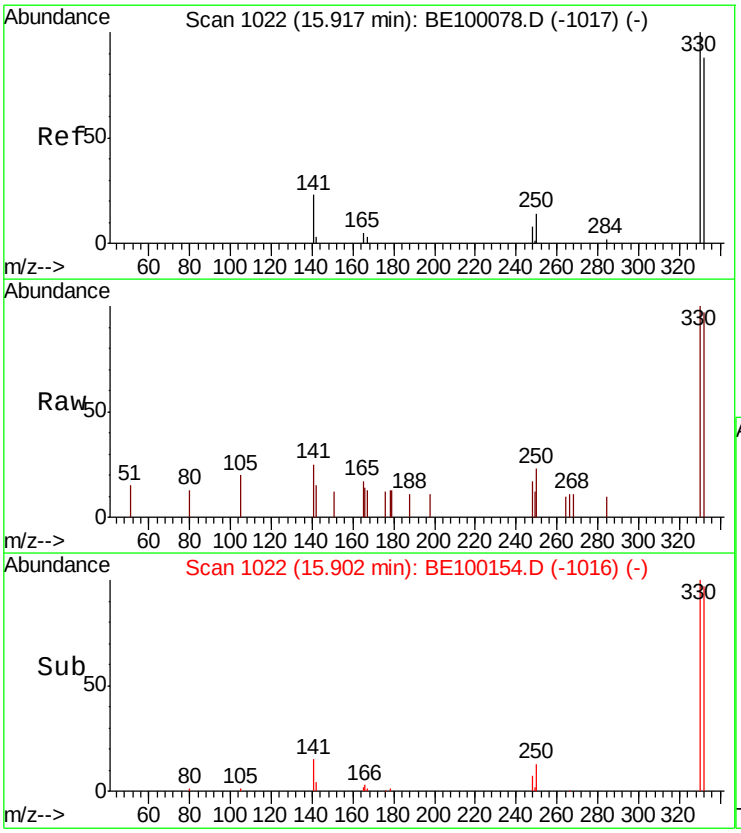
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2807

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.2	117.2
160	52.2	45.6	68.4

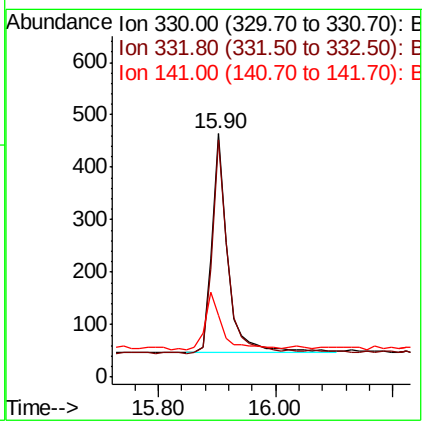


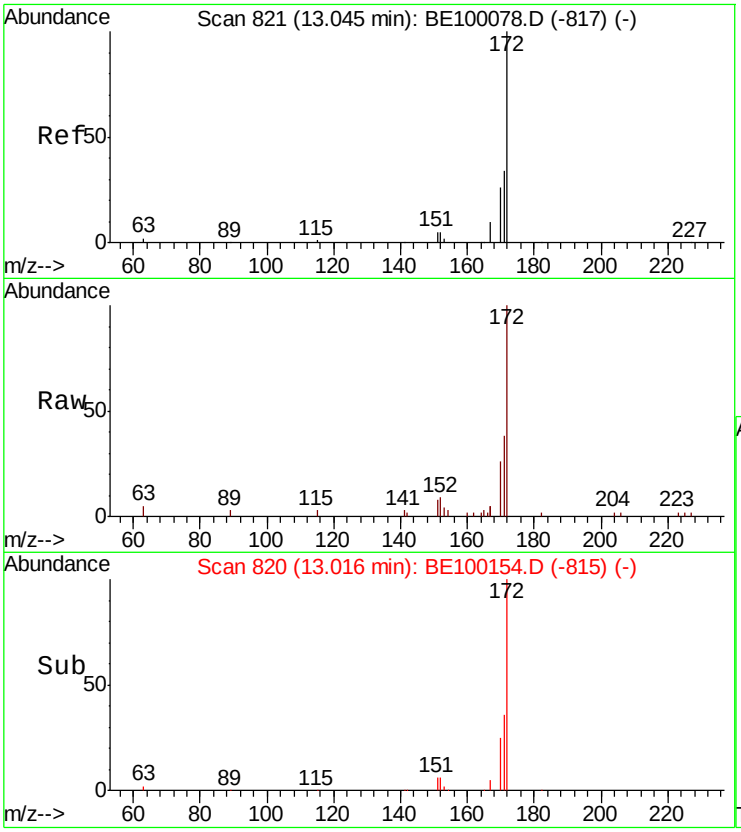


#14
2,4,6-Tribromophenol
Concen: 0.525 ng
RT: 15.90 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:330 Resp: 814

Ion	Ratio	Lower	Upper
330	100		
332	95.2	73.3	109.9
141	27.3	22.2	33.2



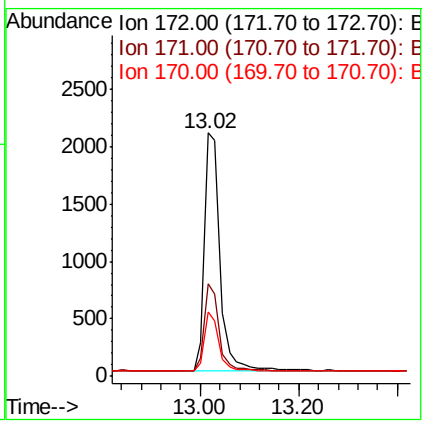


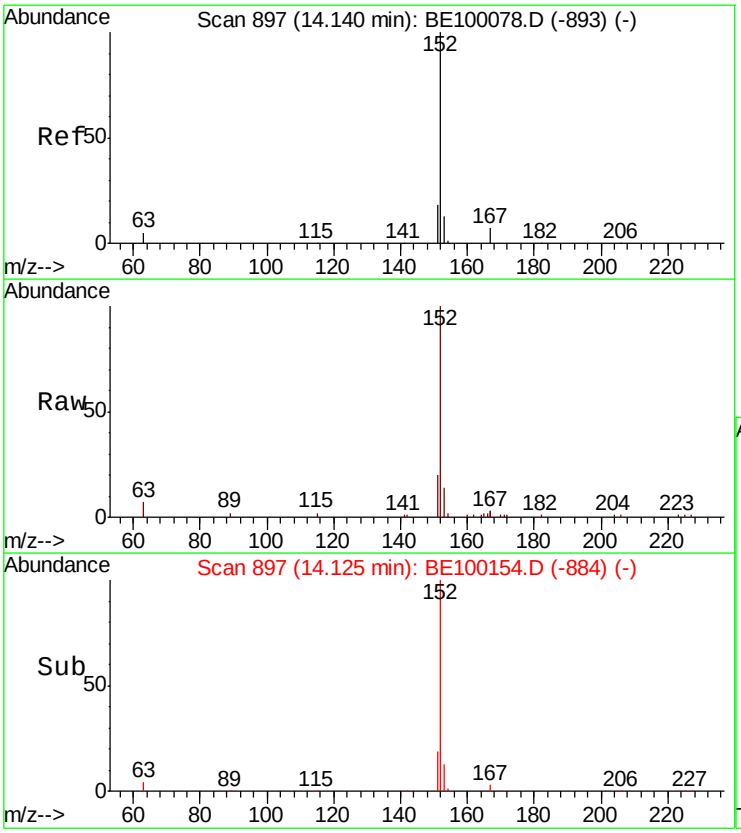
#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.02 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4600

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.8
170	26.3	23.2	34.8

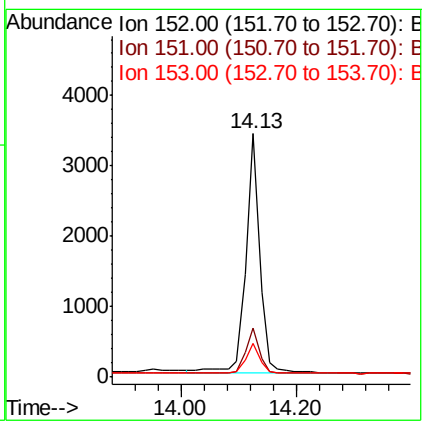


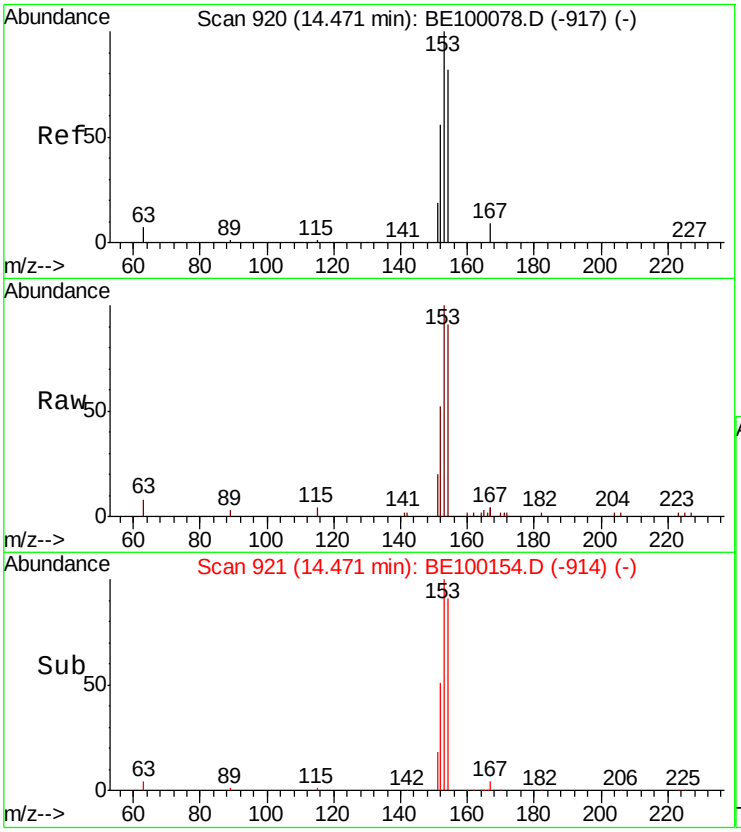


#16
Acenaphthylene
Concen: 0.434 ng
RT: 14.13 min Scan# 897
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:152 Resp: 5786

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.9	23.9
153	12.4	10.1	15.1



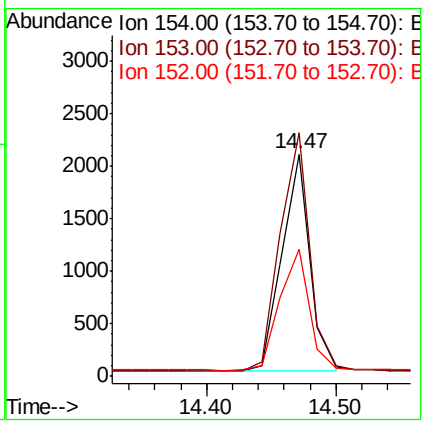


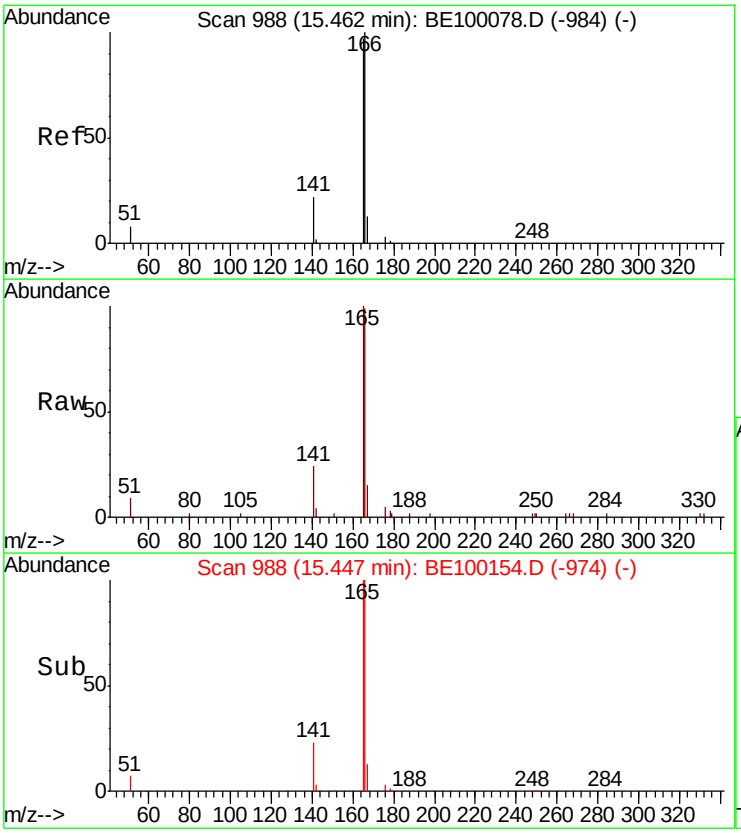
#17
Acenaphthene
Concen: 0.419 ng
RT: 14.47 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3122

Ion	Ratio	Lower	Upper
154	100		
153	114.0	95.5	143.3
152	59.3	54.9	82.3

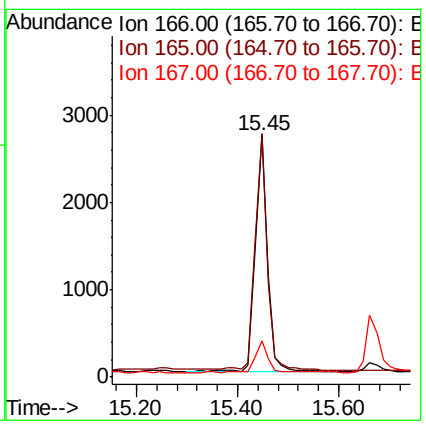


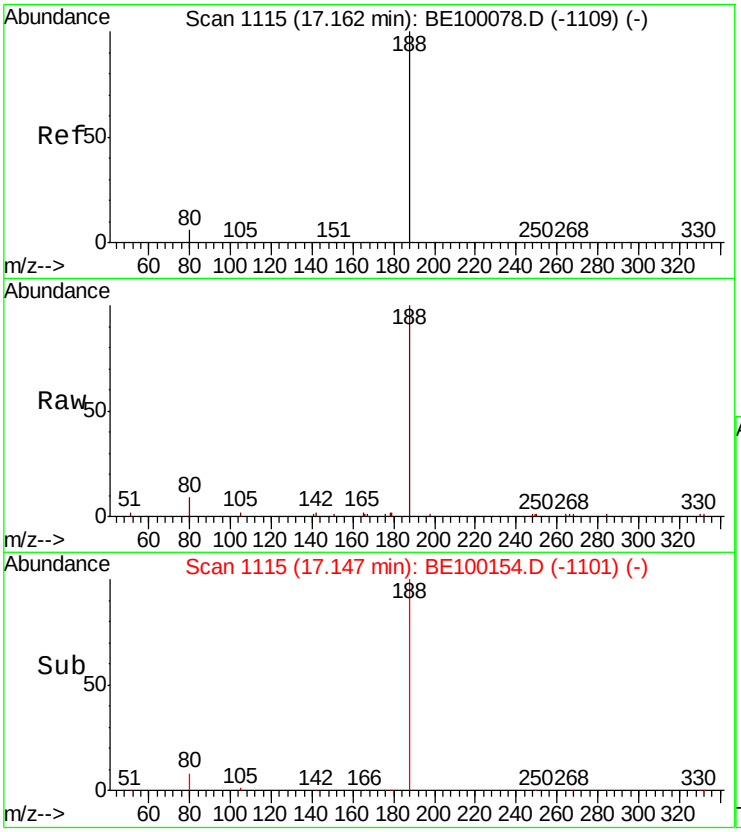


#18
Fluorene
Concen: 0.401 ng
RT: 15.45 min Scan# 988
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:166 Resp: 4454

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.3	10.2	15.4



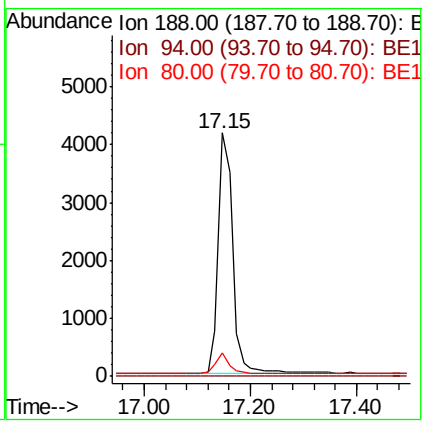


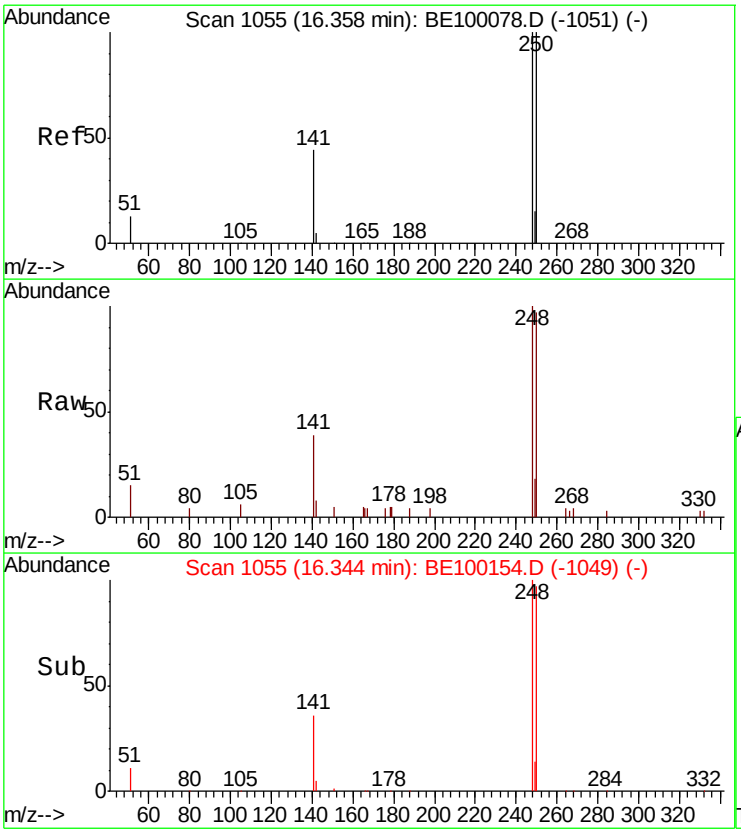
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7764

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	6.3	9.5

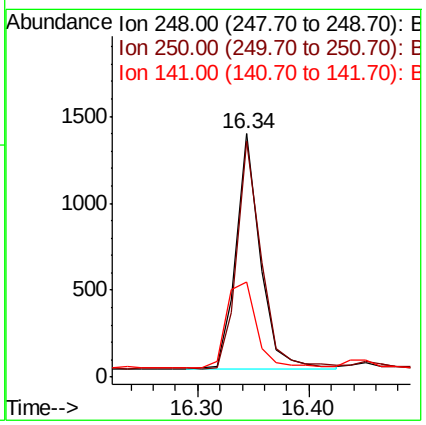


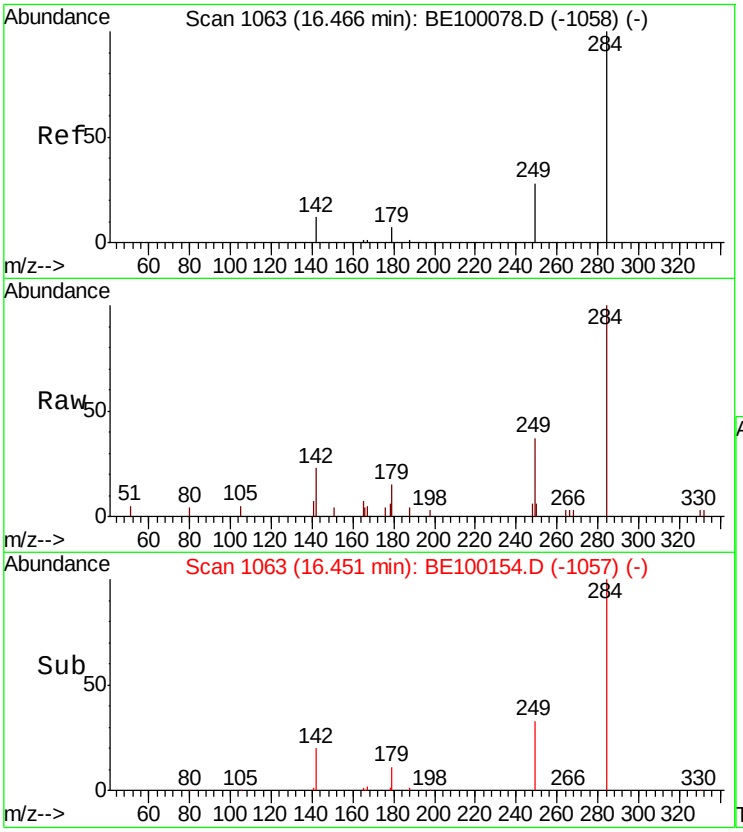


#20
4-Bromophenyl-phenylether
Concen: 0.441 ng
RT: 16.34 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:248 Resp: 2036

Ion	Ratio	Lower	Upper
248	100		
250	97.1	80.6	120.8
141	39.1	38.8	58.2



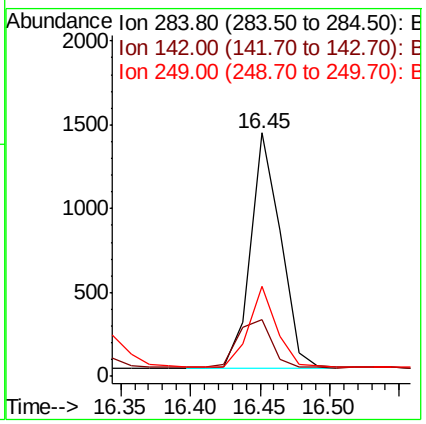


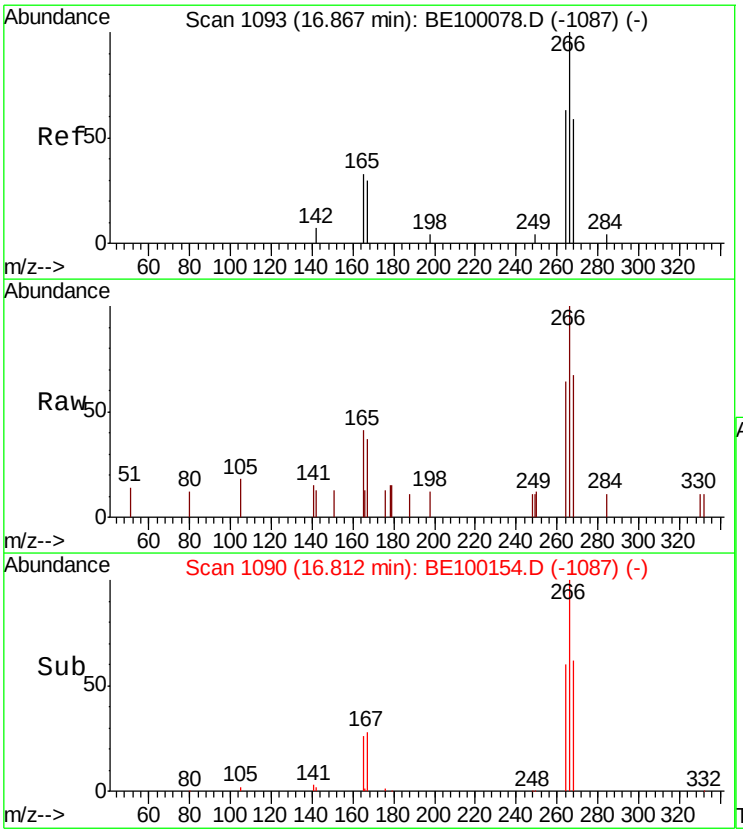
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.45 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2113

Ion	Ratio	Lower	Upper
284	100		
142	23.3	20.7	31.1
249	31.6	26.6	39.8

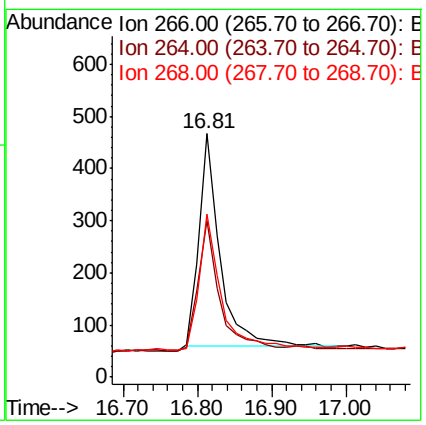


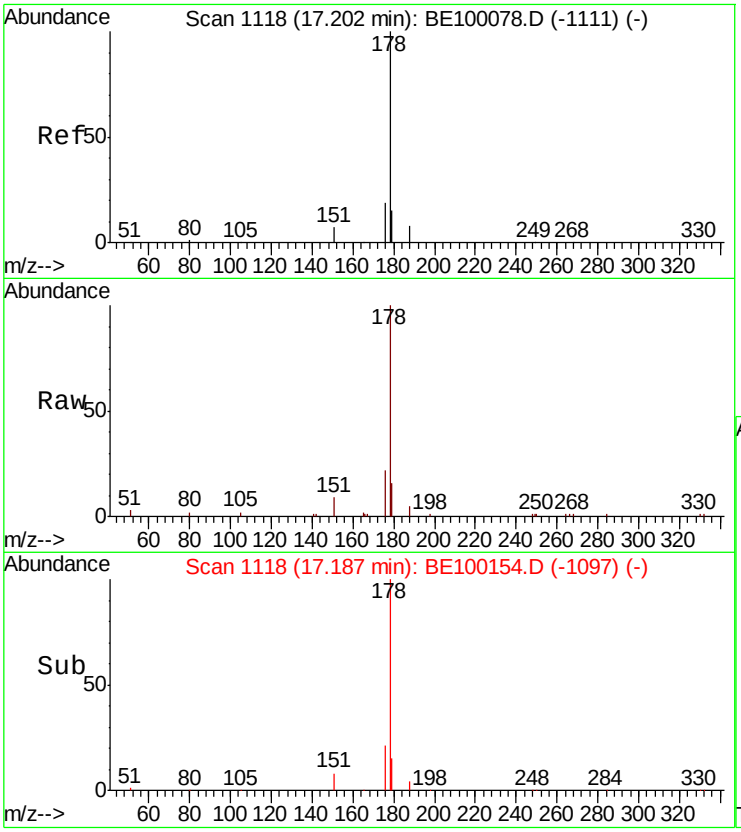


#22
Pentachlorophenol
Concen: 0.724 ng
RT: 16.81 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:266 Resp: 797

Ion	Ratio	Lower	Upper
266	100		
264	64.5	67.8	101.6#
268	67.0	70.0	105.0#



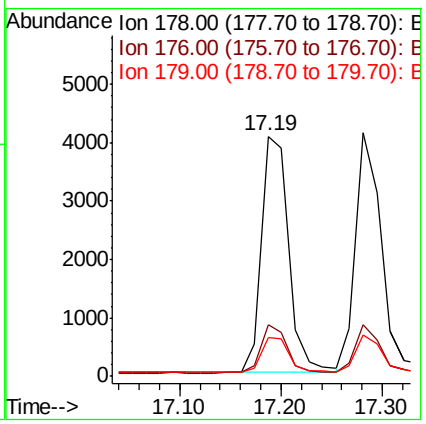


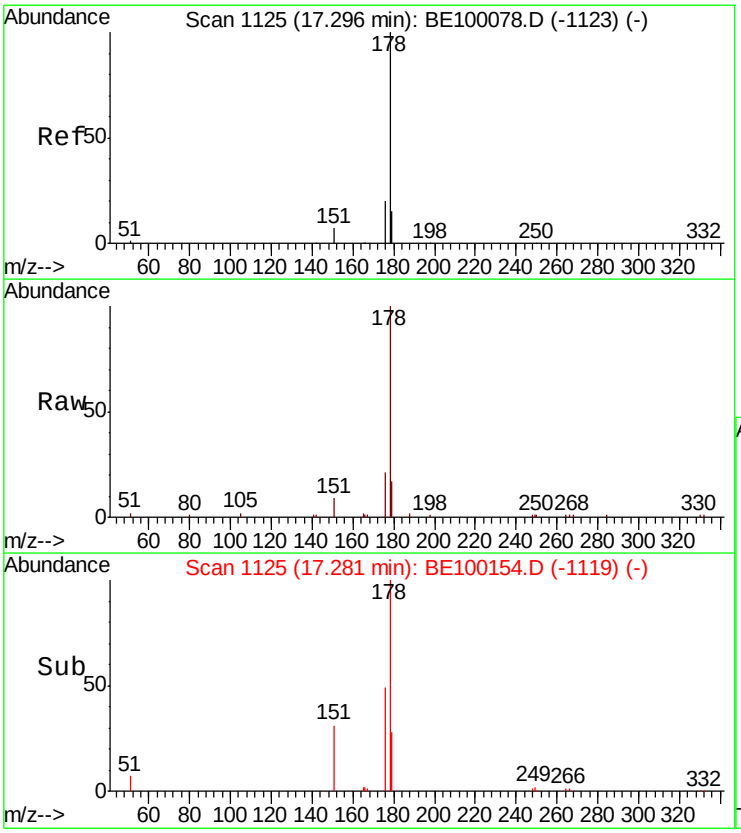
#23
Phenanthrene
Concen: 0.411 ng
RT: 17.19 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7645

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.1	13.1	19.7

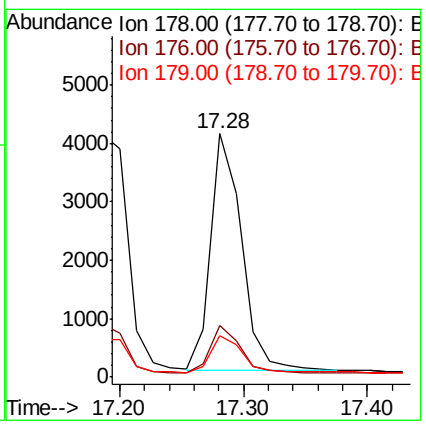


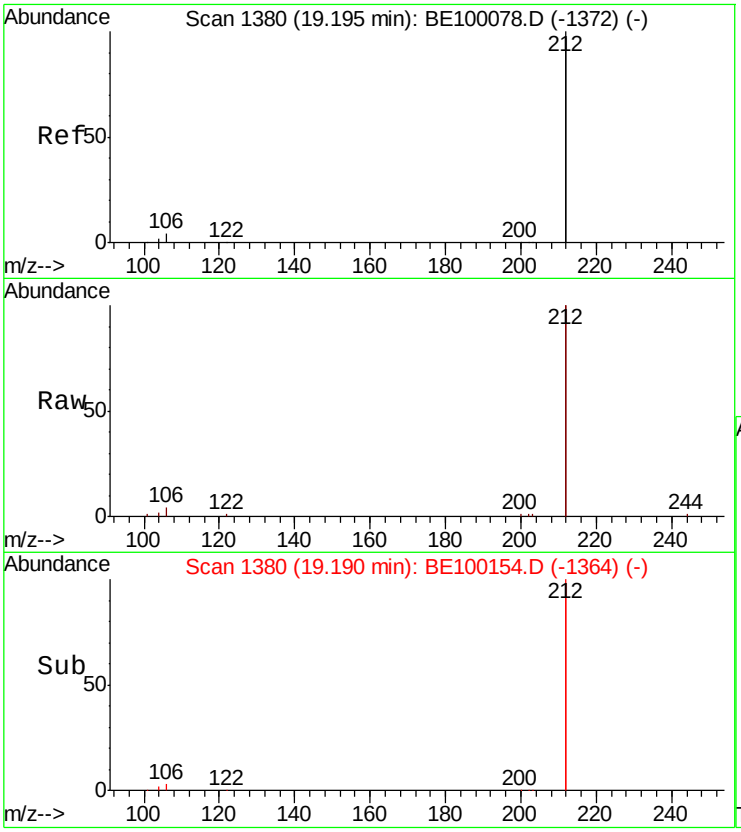


#24
Anthracene
Concen: 0.447 ng
RT: 17.28 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:178 Resp: 7015

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	16.1	12.0	18.0



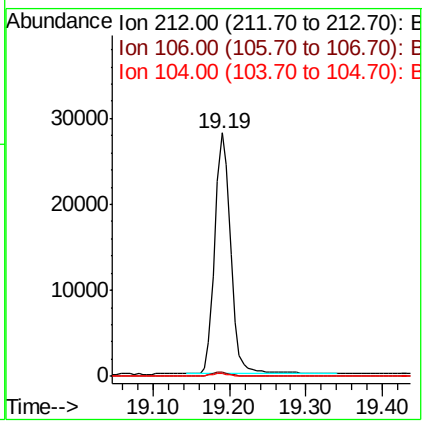


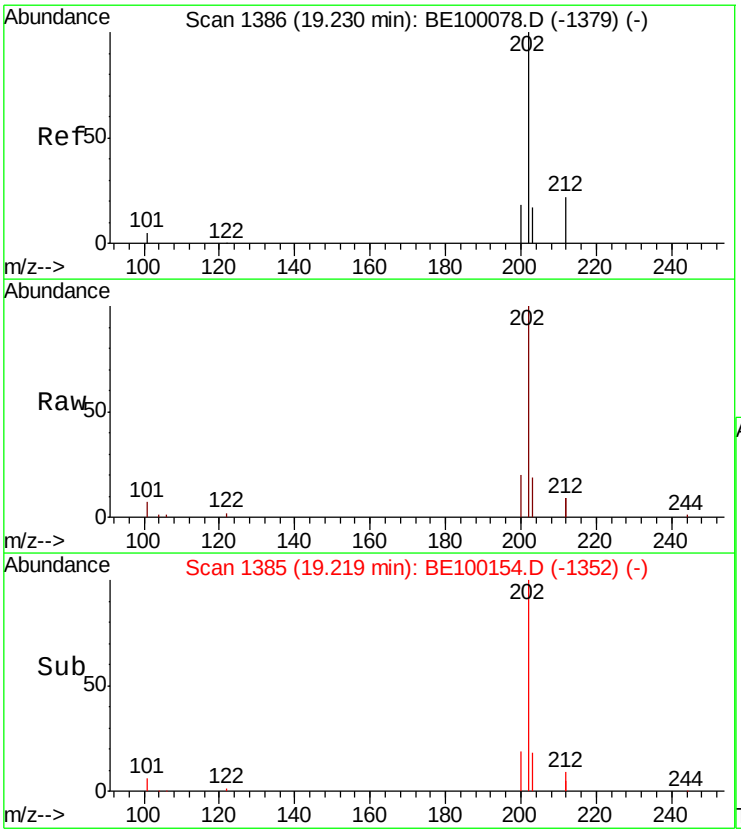
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.19 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 40846

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.4	2.0
104	0.9	0.8	1.2

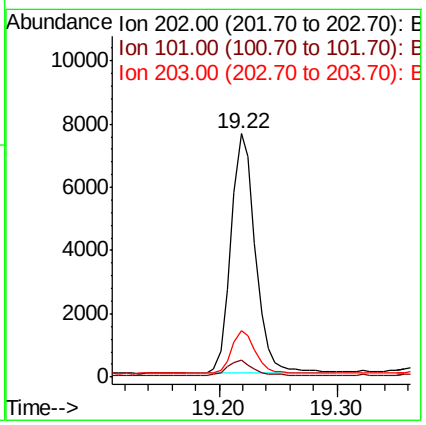


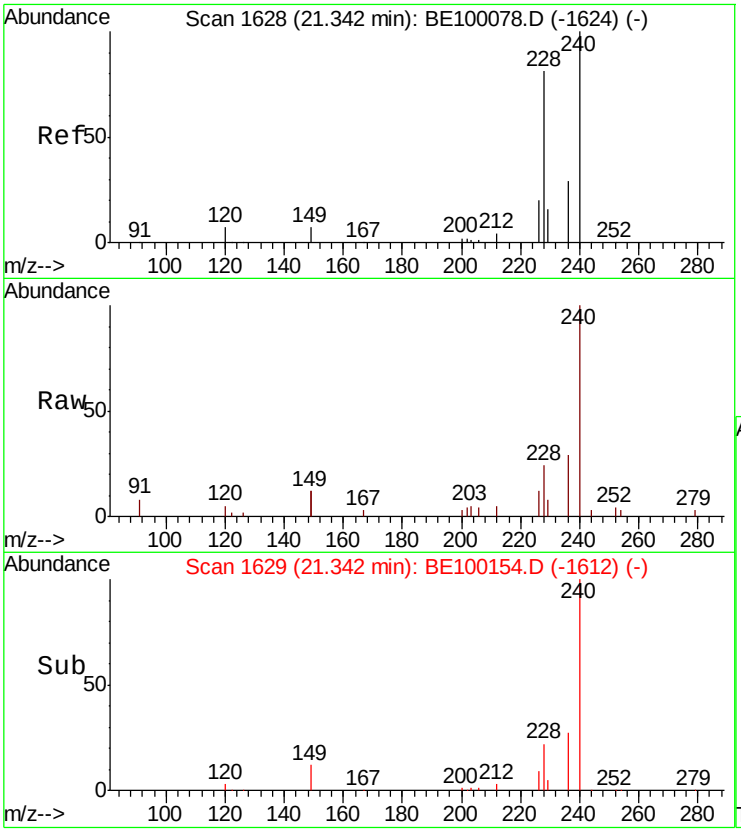


#26
Fluoranthene
Concen: 0.366 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:202 Resp: 10919

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.0	7.4
203	17.4	13.7	20.5



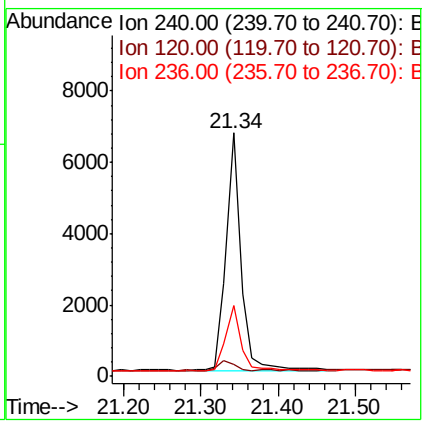


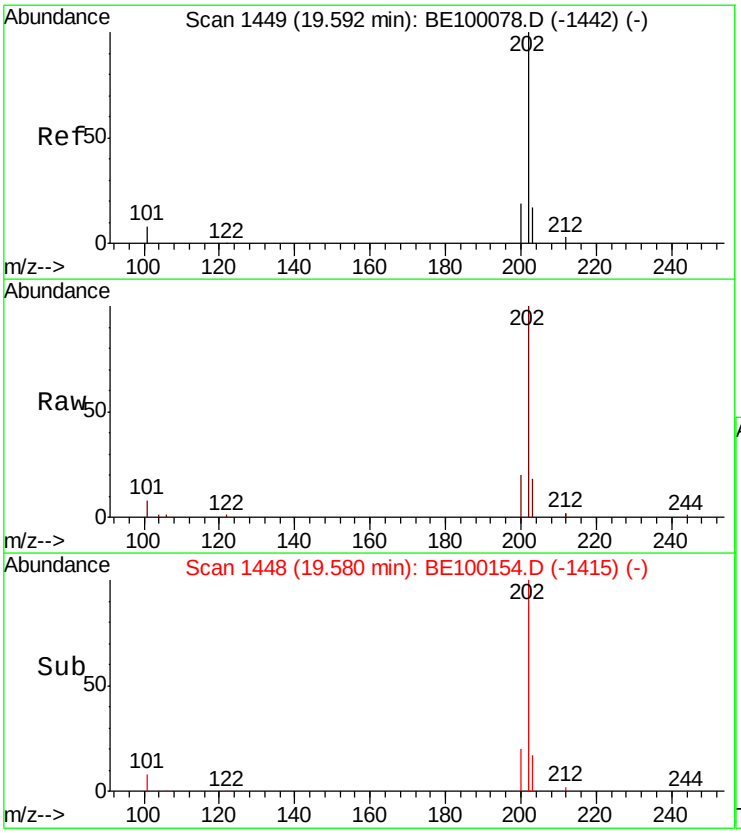
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8947

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.6	10.0#
236	29.1	23.8	35.6

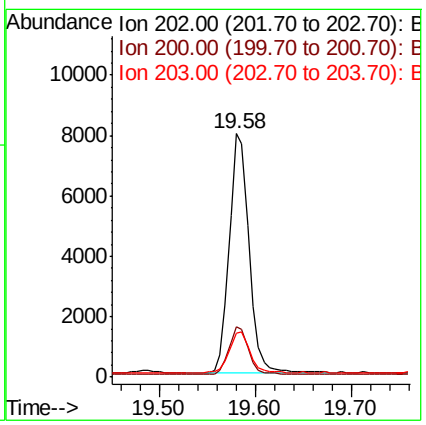


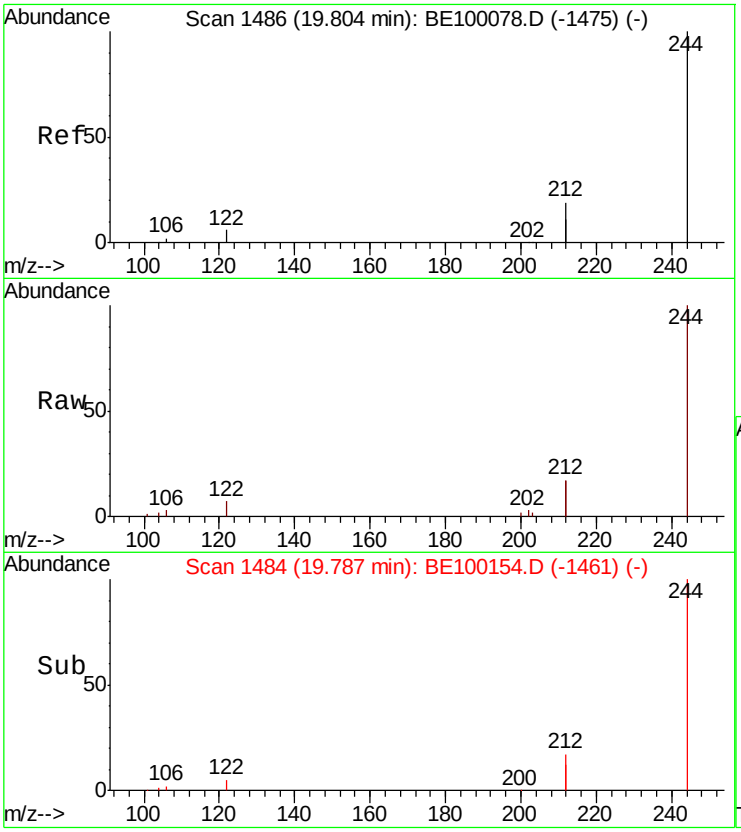


#28
Pyrene
Concen: 0.492 ng
RT: 19.58 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:202 Resp: 11306

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	18.0	13.9	20.9



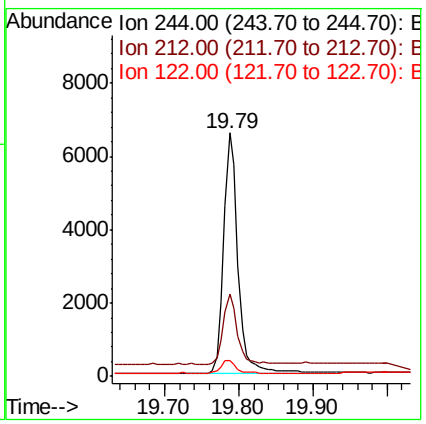


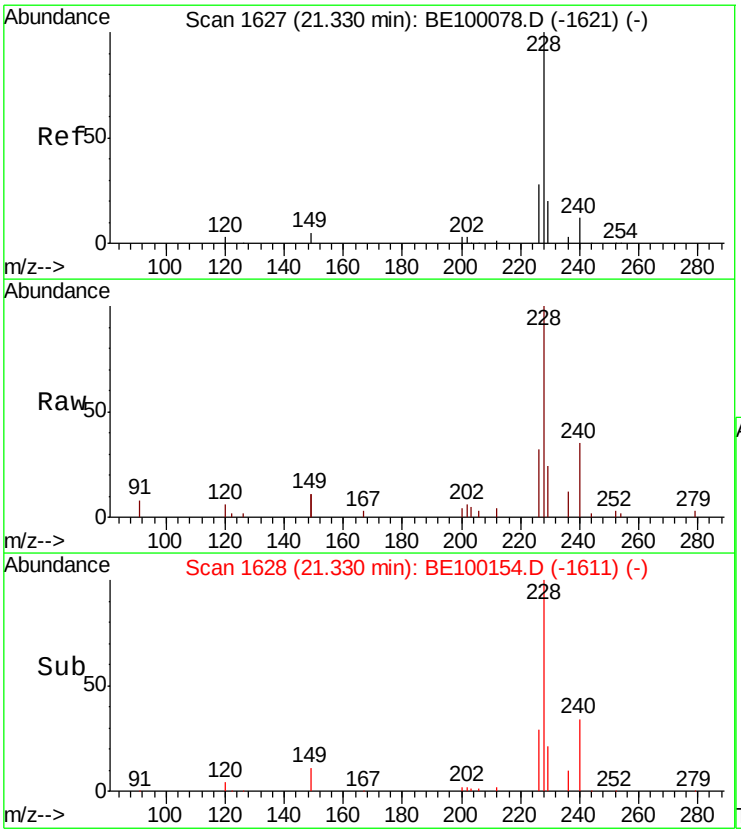
#29
Terphenyl-d14
Concen: 0.495 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 8859

Ion	Ratio	Lower	Upper
244	100		
212	33.9	29.8	44.8
122	6.5	6.1	9.1

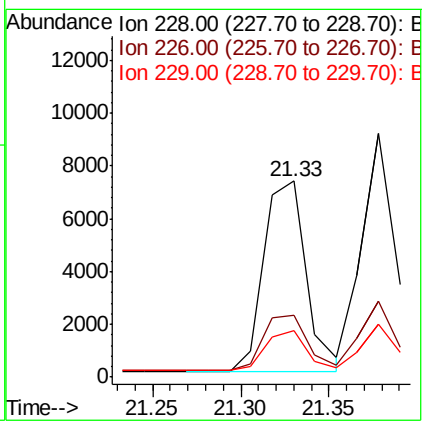


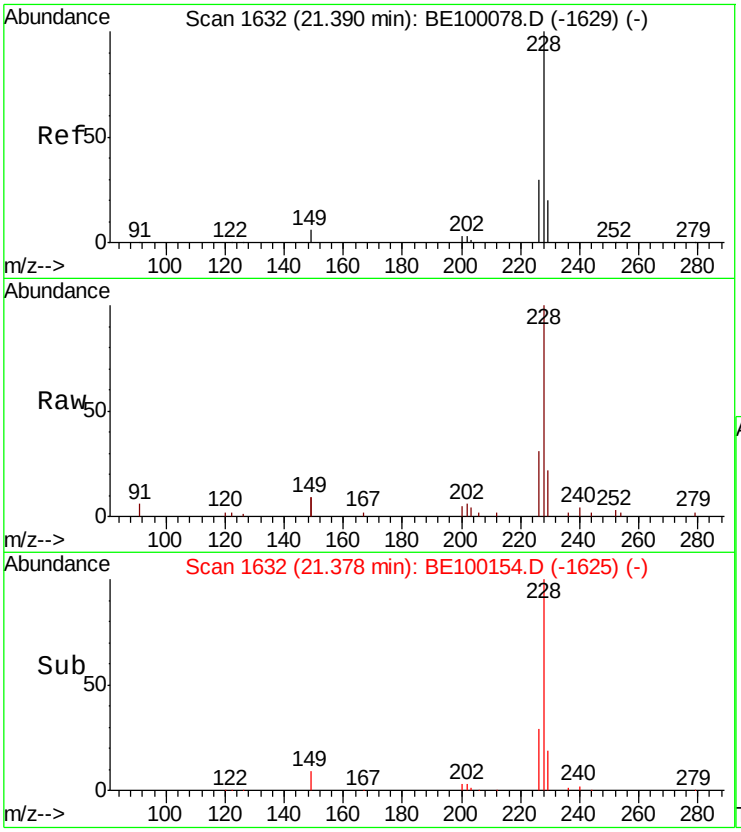


#30
Benzo(a)anthracene
Concen: 0.455 ng
RT: 21.33 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:228 Resp: 12112

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.0	34.4
229	23.6	16.4	24.6



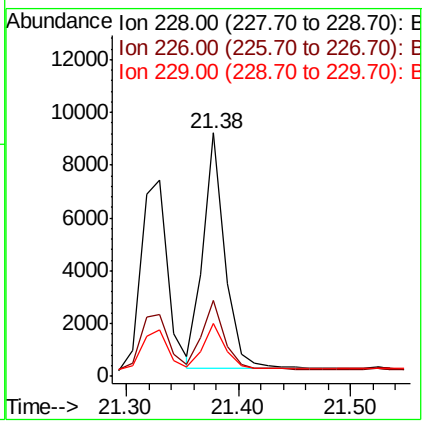


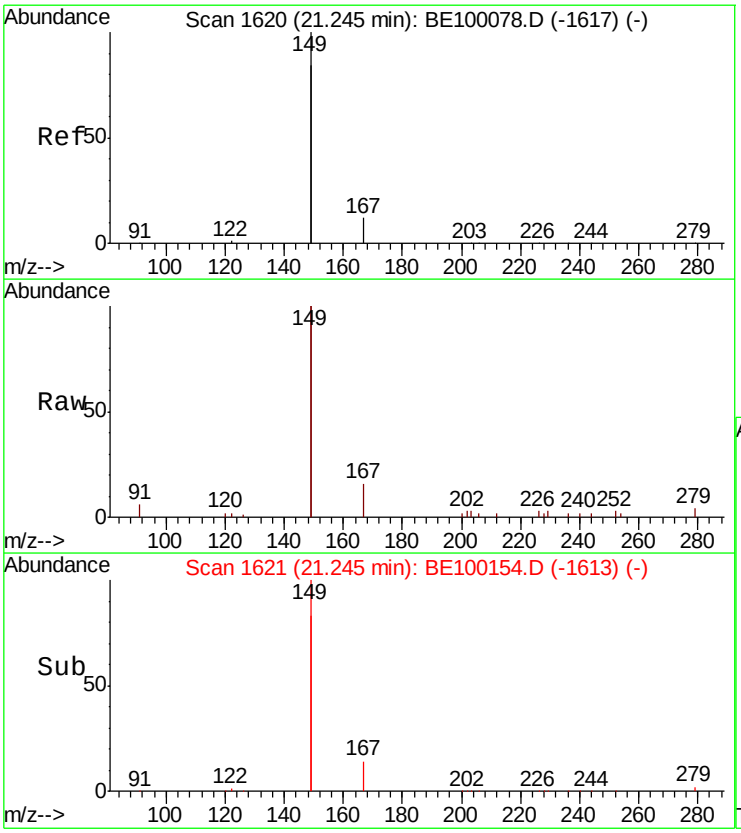
#31
Chrysene
Concen: 0.393 ng
RT: 21.38 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12160

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.8
229	21.9	16.3	24.5

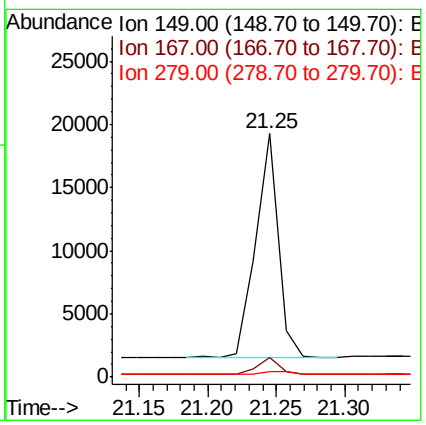


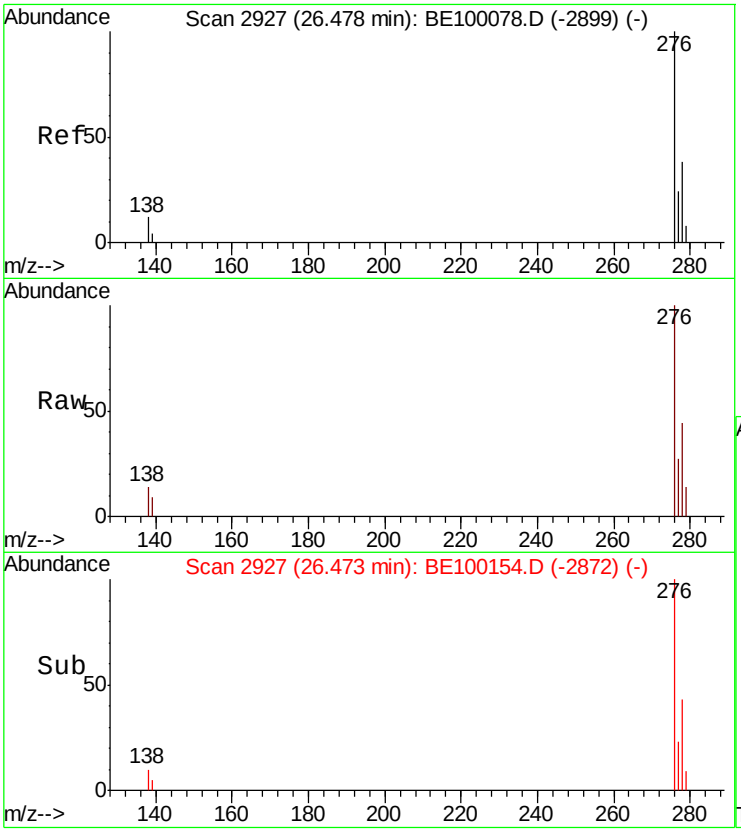


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.813 ng
RT: 21.25 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:149 Resp: 20425

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.8	8.6
279	1.8	1.1	1.7#



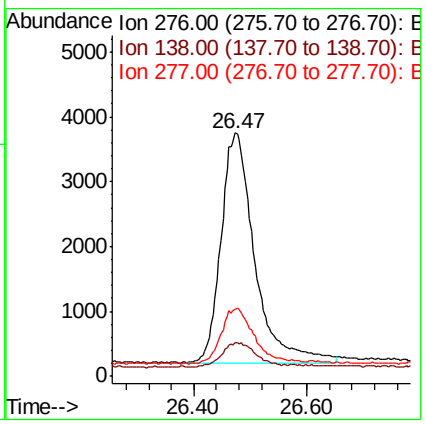


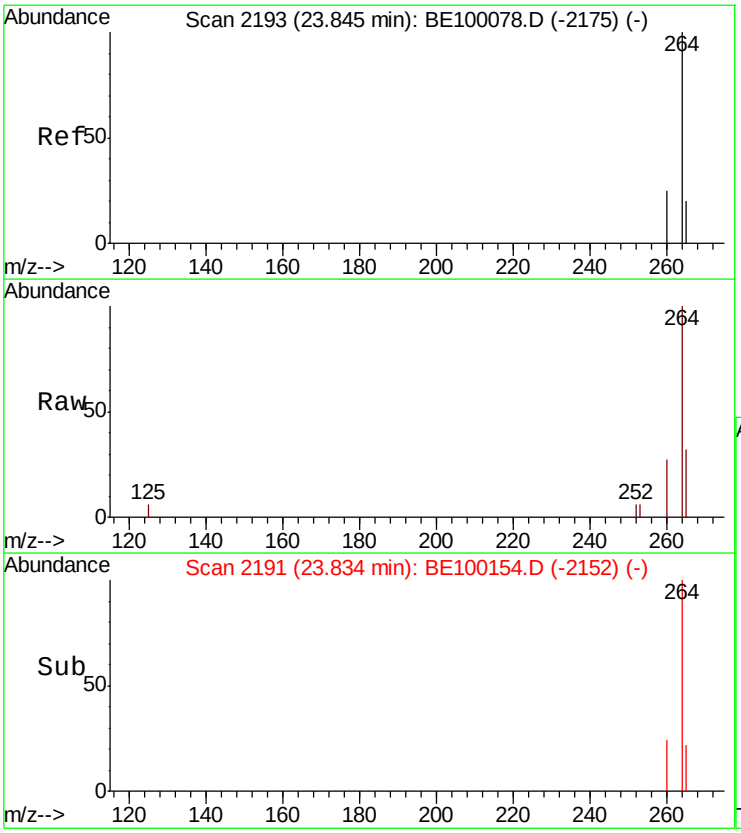
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng
RT: 26.47 min Scan# 2927
Delta R.T. -0.00 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14584

Ion	Ratio	Lower	Upper
276	100		
138	10.4	4.3	6.5#
277	23.5	19.4	29.0

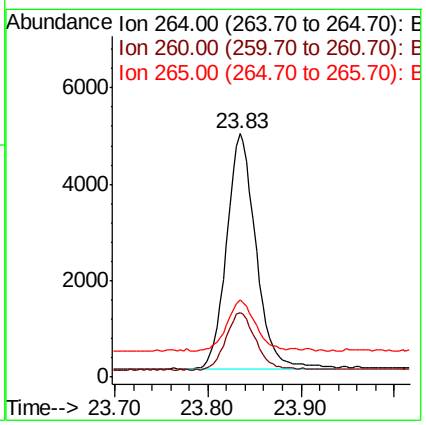


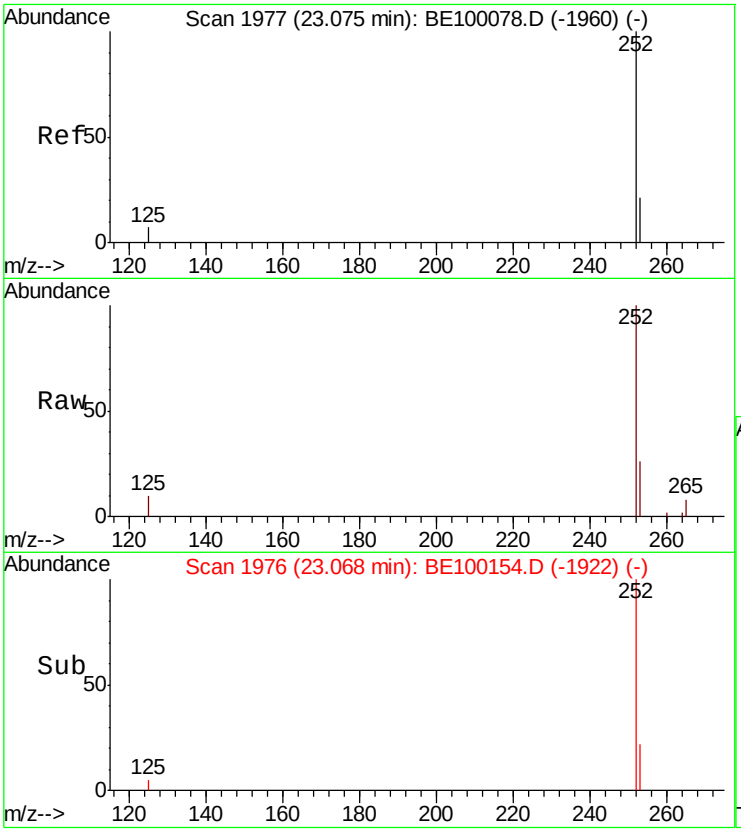


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:264 Resp: 10773

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.8	31.2
265	32.0	23.2	34.8



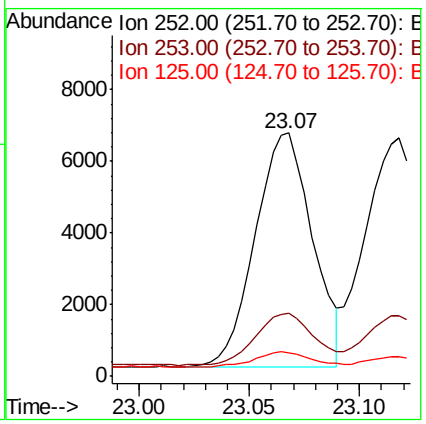


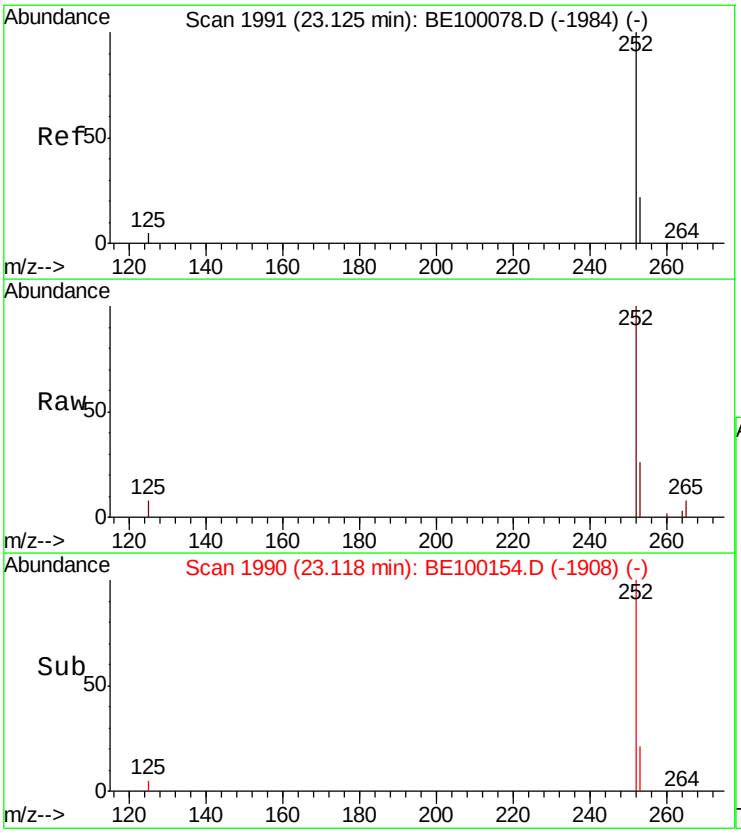
#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11798

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.4	27.6
125	9.5	6.4	9.6

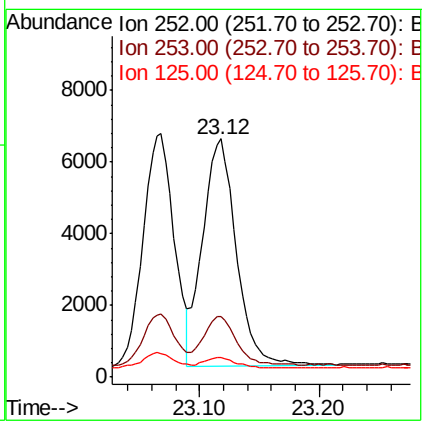


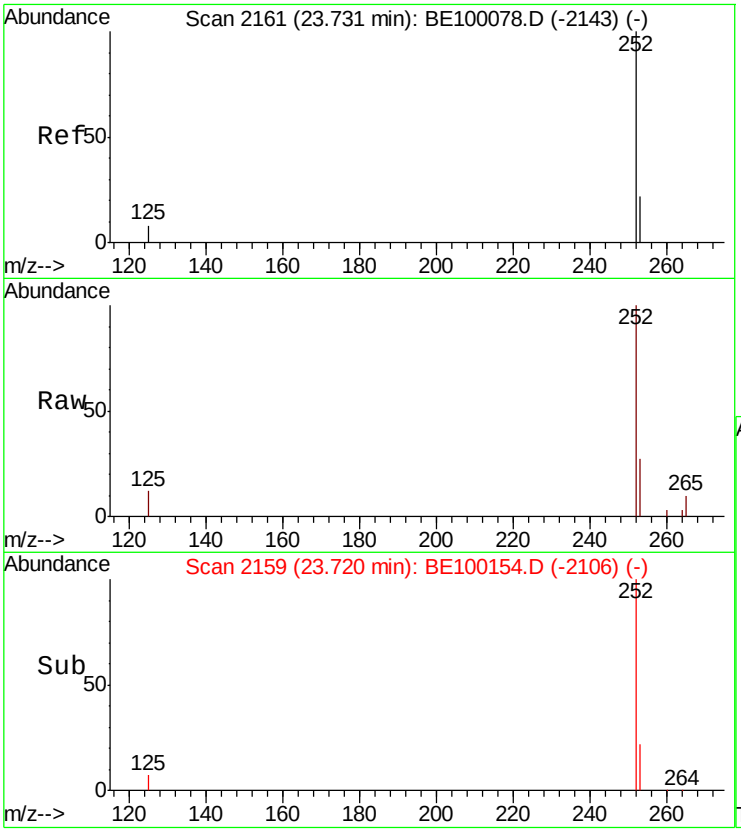


#36
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:252 Resp: 12417

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.9	28.3
125	8.3	5.3	7.9#



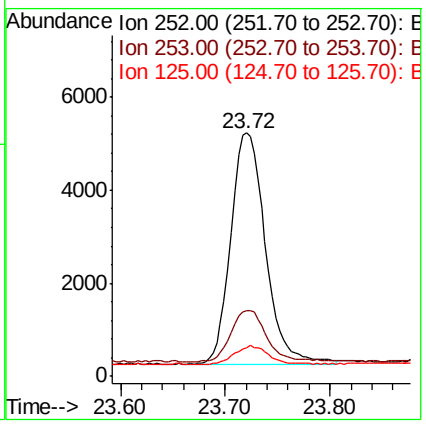


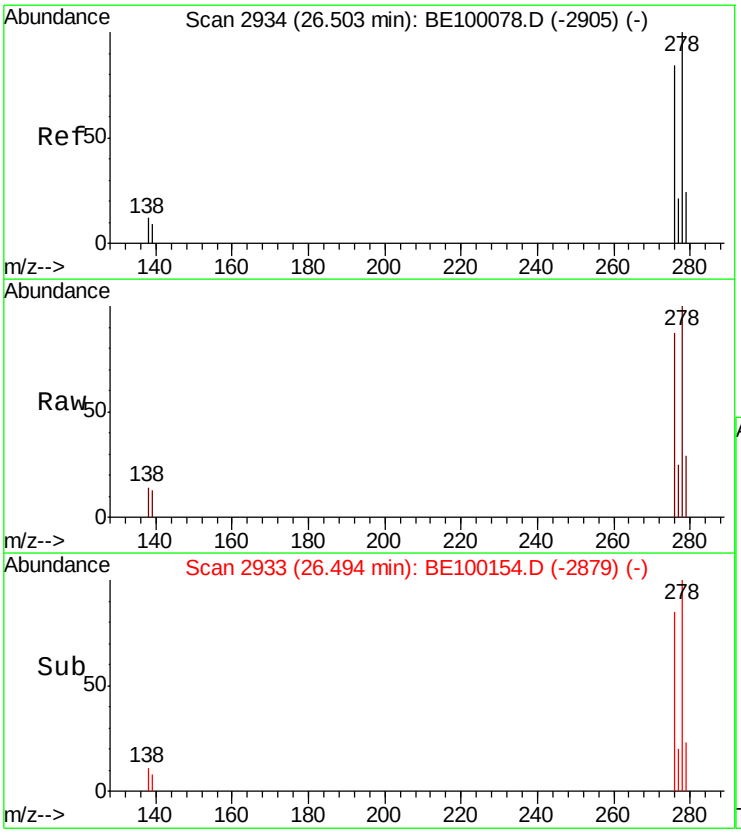
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11396

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.4	29.2
125	11.8	8.0	12.0

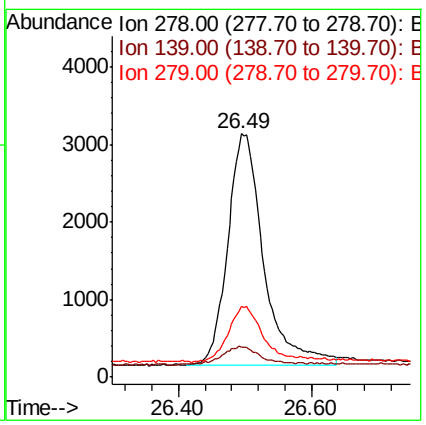


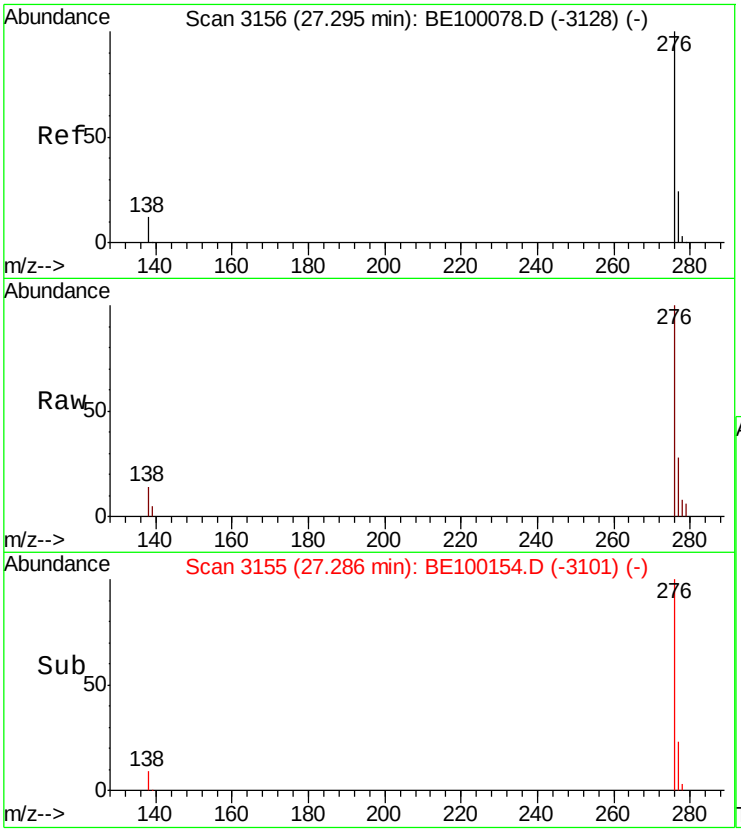


#38
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 26.49 min Scan# 2933
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Tgt Ion:278 Resp: 11190

Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.0	13.6
279	28.9	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.354 ng
RT: 27.29 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BE100154.D
Acq: 22 Jun 2019 4:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11499

Ion	Ratio	Lower	Upper
276	100		
277	27.9	20.3	30.5
138	13.6	11.3	16.9