Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100373.D
Acq On : 4 Jul 2019 18:57
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 05 01:16:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1144	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	3786	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2610	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	7783	0.40	ng		0.00
27) Chrysene-d12	21.24	240	9621	0.40	ng		0.00
34) Perylene-d12	23.67	264	11673	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	1217	0.42	ng		-0.01
5) Phenol-d6	6.83	99	1493	0.39	ng		-0.01
8) Nitrobenzene-d5	8.80	82	1511	0.40	ng		-0.03
11) 2-Methylnaphthalene-d10	12.04	152	2928	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	872	0.48	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	4663	0.46	ng		-0.01
25) Fluoranthene-d10	19.10	212	46169	0.41	ng		0.00
29) Terphenyl-d14	19.70	244	9630	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	558	0.314	ng		95
3) n-Nitrosodimethylamine	3.43	42	388	0.469	ng	#	75
6) bis(2-Chloroethyl)ether	7.07	93	1211	0.384	ng	#	65
9) Naphthalene	10.47	128	17204	0.412	ng		99
10) Hexachlorobutadiene	10.74	225	1886	0.469	ng		94
12) 2-Methylnaphthalene	12.11	142	2772	0.378	ng		99
16) Acenaphthylene	14.04	152	5387	0.430	ng		99
17) Acenaphthene	14.37	154	3058	0.431	ng		98
18) Fluorene	15.35	166	4521	0.431	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	2213	0.445	ng		95
21) Hexachlorobenzene	16.36	284	2319	0.450	ng		98
22) Pentachlorophenol	16.72	266	712	0.459	ng		97
23) Phenanthrene	17.09	178	7974	0.423	ng		99
24) Anthracene	17.19	178	7304	0.430	ng		99
26) Fluoranthene	19.13	202	12366	0.412	ng		99
28) Pyrene	19.49	202	12848	0.504	ng		99
30) Benzo(a)anthracene	21.23	228	13730	0.434	ng		97
31) Chrysene	21.28	228	13676	0.431	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	23535	0.469	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	16111	0.383	ng		99
35) Benzo(b)fluoranthene	22.97	252	14504	0.458	ng		98
36) Benzo(k)fluoranthene	22.97	252	14504	0.411	ng	#	95
37) Benzo(a)pyrene	23.56	252	13530	0.427	ng	#	91
38) Dibenzo(a,h)anthracene	26.25	278	12862	0.388	ng		97
39) Benzo(g,h,i)perylene	27.02	276	13439	0.395	ng		96

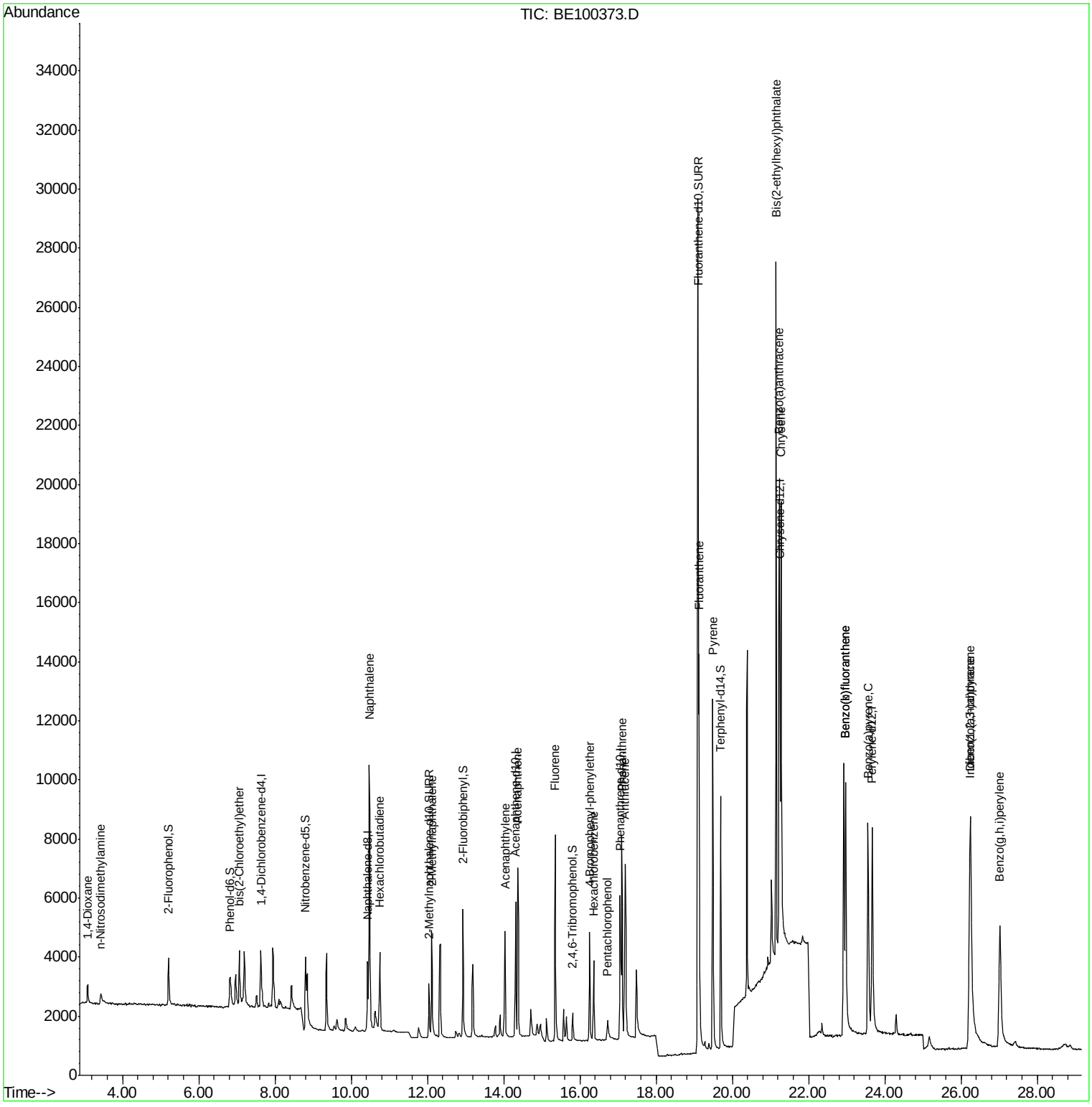
(#) = qualifier out of range (m) = manual integration (+) = signals summed

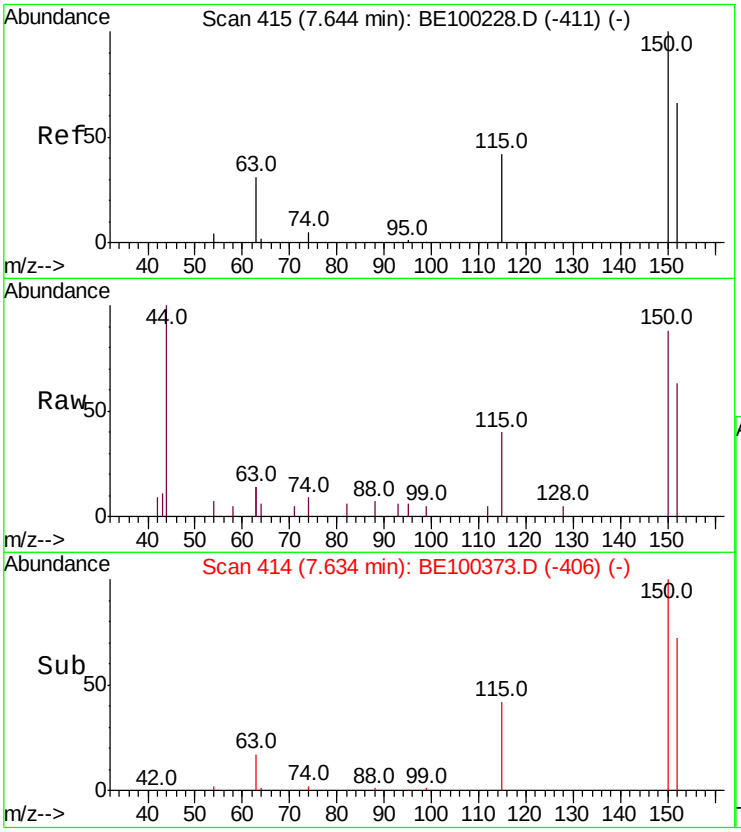
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100373.D
Acq On : 4 Jul 2019 18:57
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 05 01:16:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



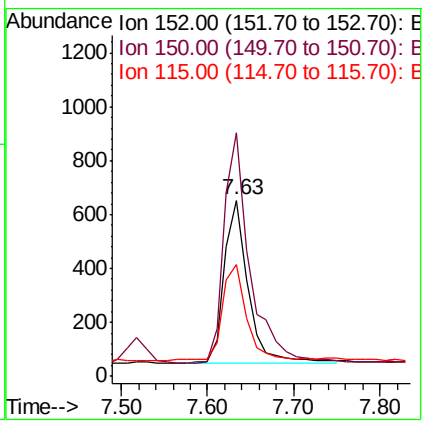


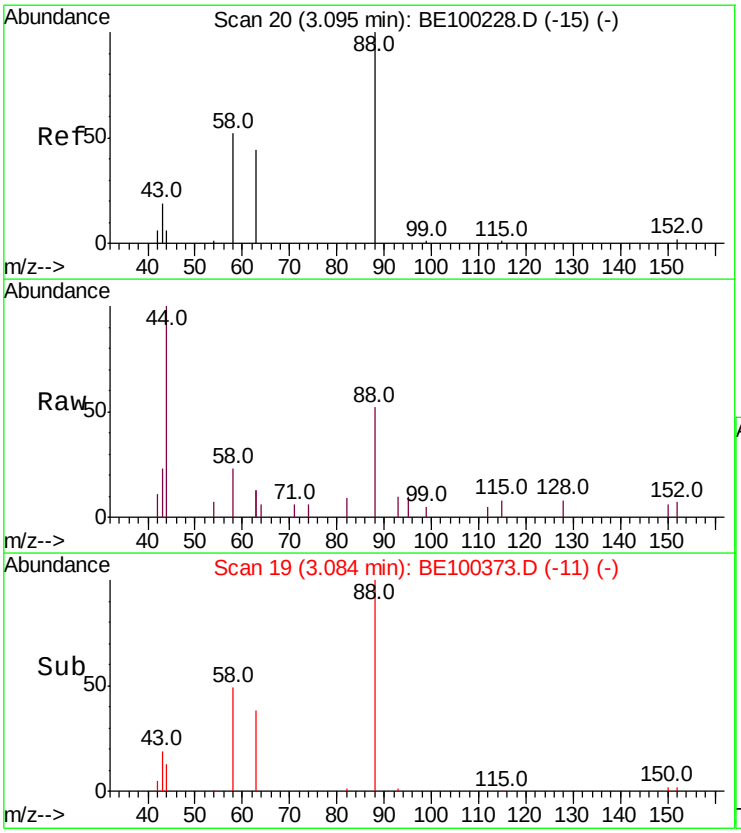
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1144

Ion	Ratio	Lower	Upper
152	100		
150	138.1	114.5	171.7
115	63.1	57.1	85.7

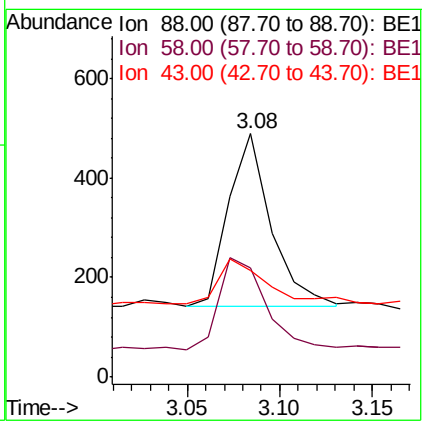


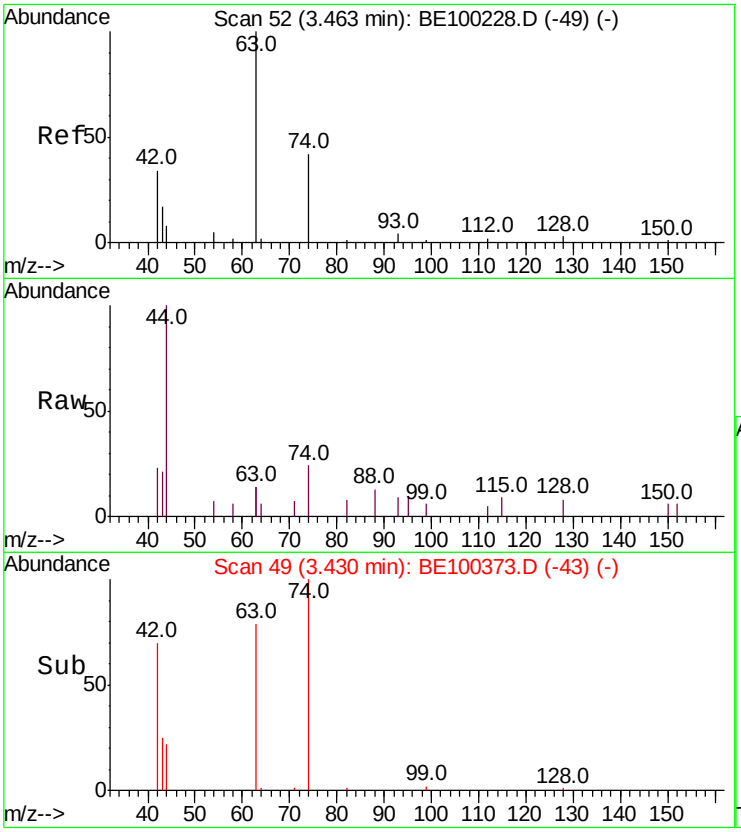


#2
1,4-Dioxane
Concen: 0.314 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion: 88 Resp: 558

Ion	Ratio	Lower	Upper
88	100		
58	57.3	43.6	65.4
43	31.0	21.4	32.0



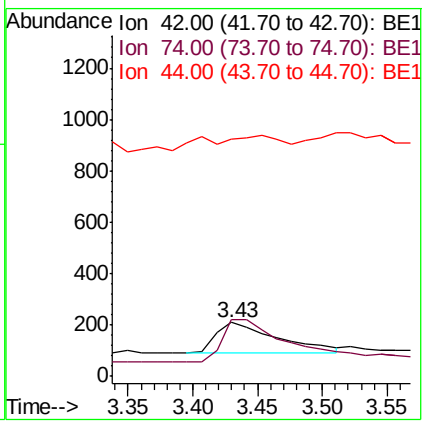


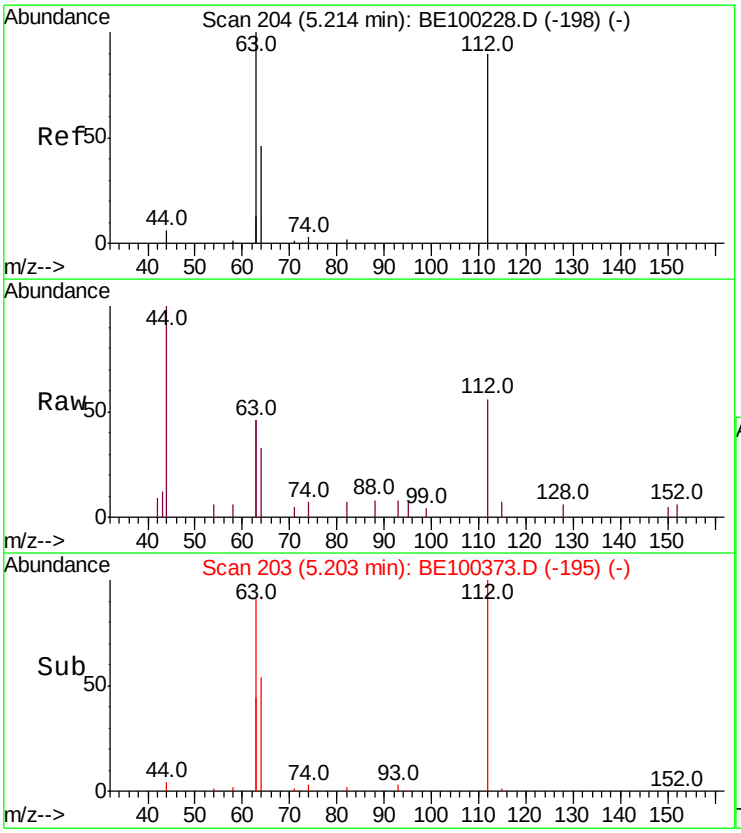
#3
n-Nitrosodimethylamine
Concen: 0.469 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.03 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 388

Ion	Ratio	Lower	Upper
42	100		
74	148.5	130.6	196.0
44	0.0	38.0	57.0#

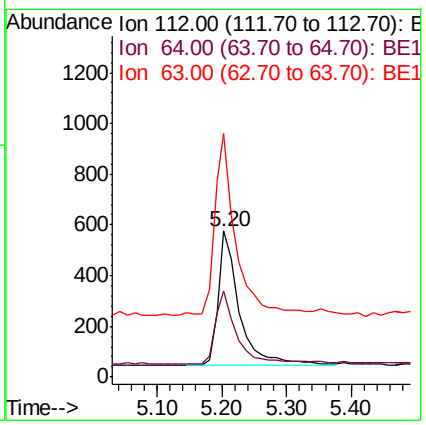


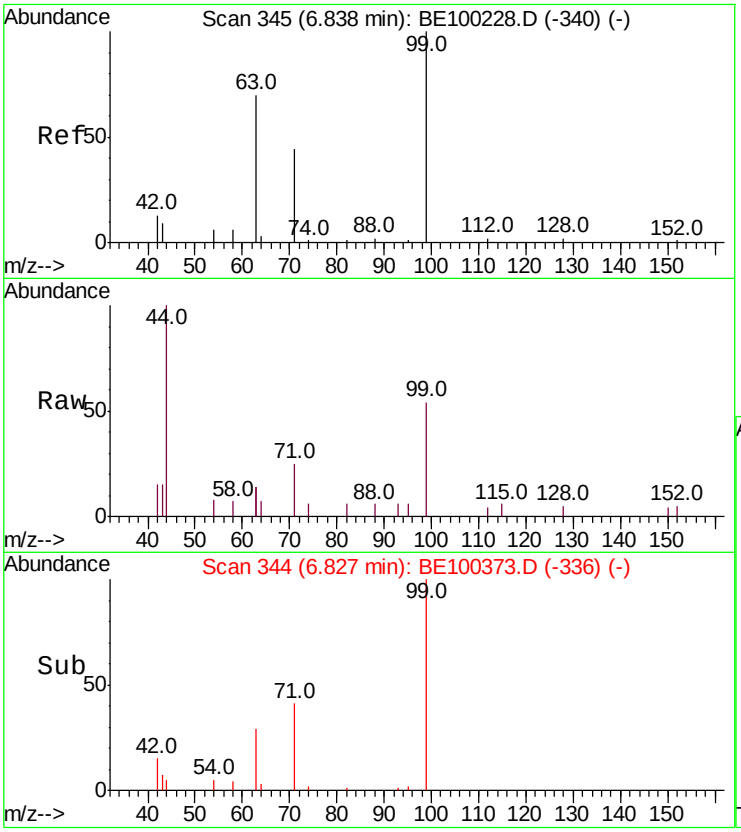


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:112 Resp: 1217

Ion	Ratio	Lower	Upper
112	100		
64	54.3	39.4	59.0
63	134.6	104.5	156.7



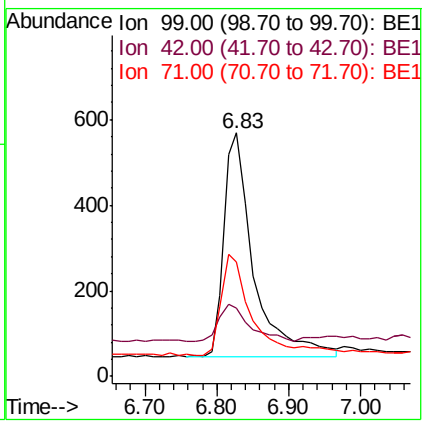


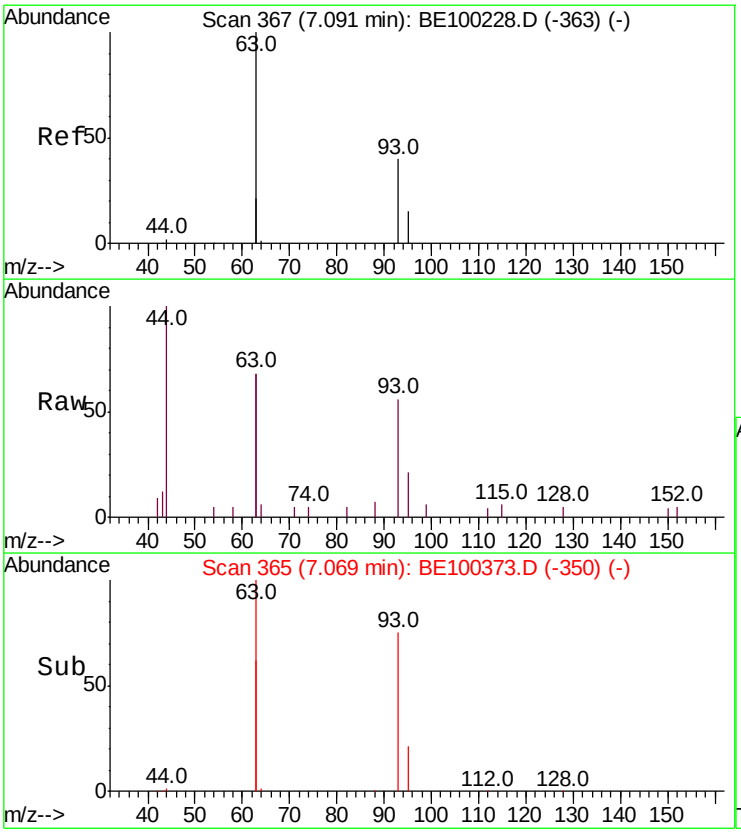
#5
Phenol-d6
Concen: 0.389 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1493

Ion	Ratio	Lower	Upper
99	100		
42	17.3	11.2	16.8#
71	43.9	37.2	55.8

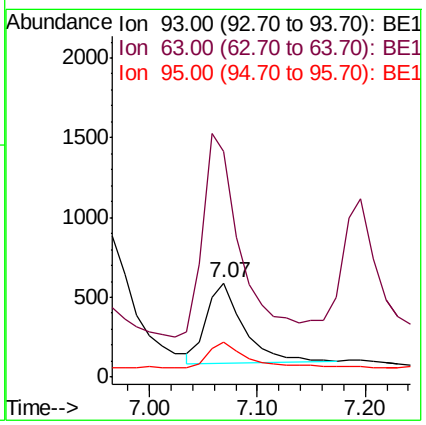


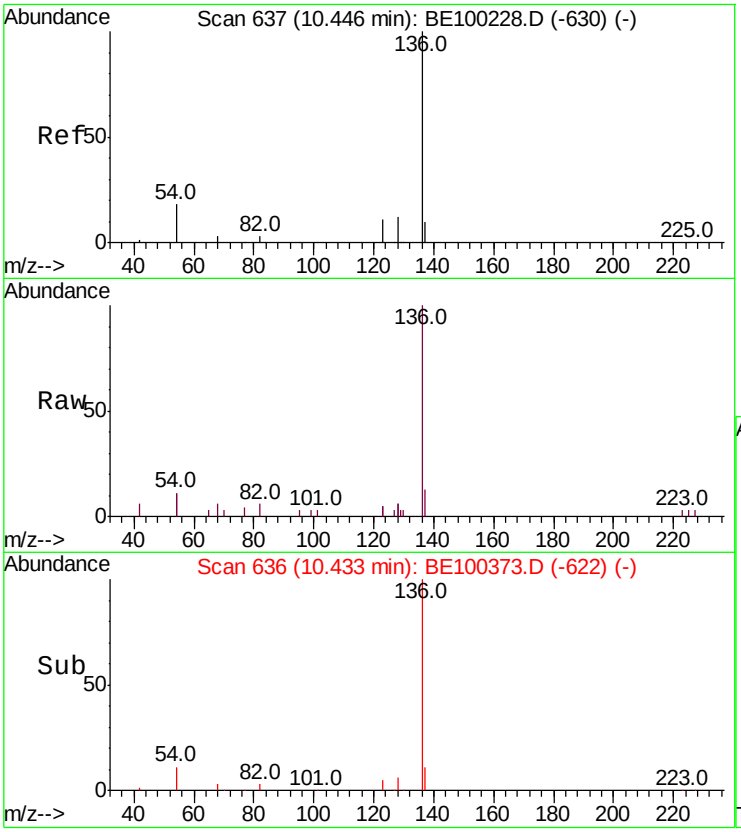


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 7.07 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion: 93 Resp: 1211

Ion	Ratio	Lower	Upper
93	100		
63	251.9	155.6	233.4#
95	35.7	23.0	34.4#



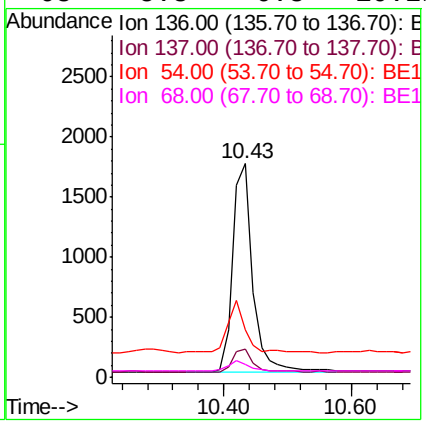


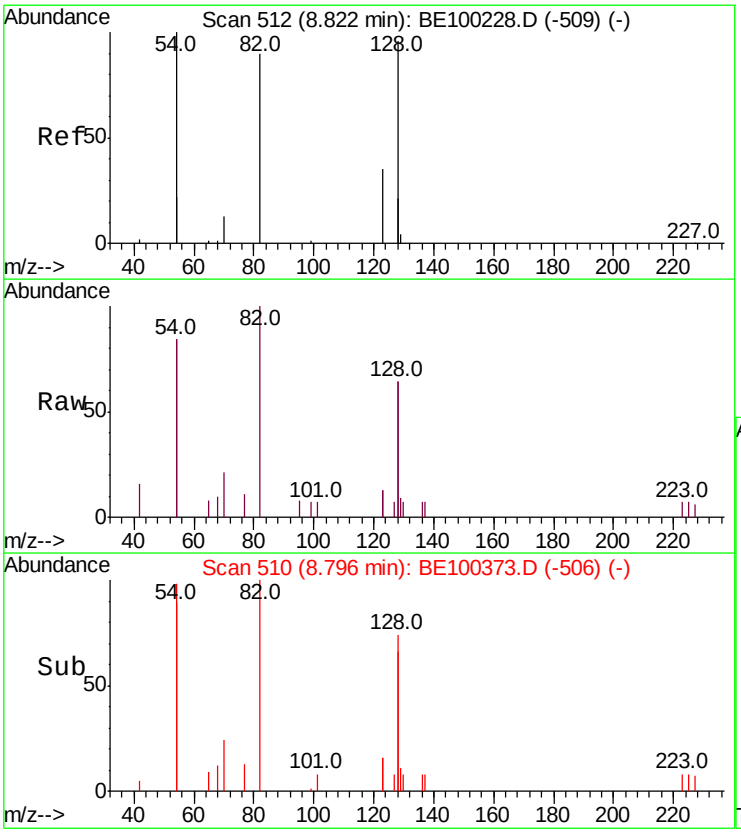
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 3786

Ion	Ratio	Lower	Upper
136	100		
137	13.3	11.8	17.8
54	22.4	27.7	41.5#
68	5.8	6.8	10.2#

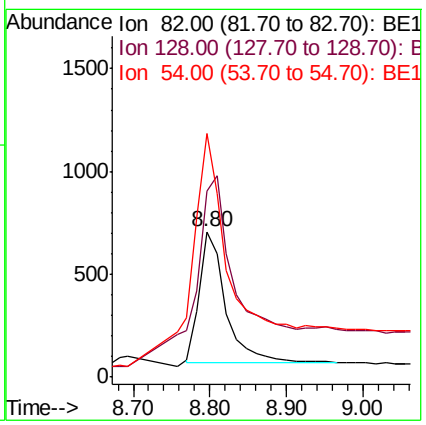


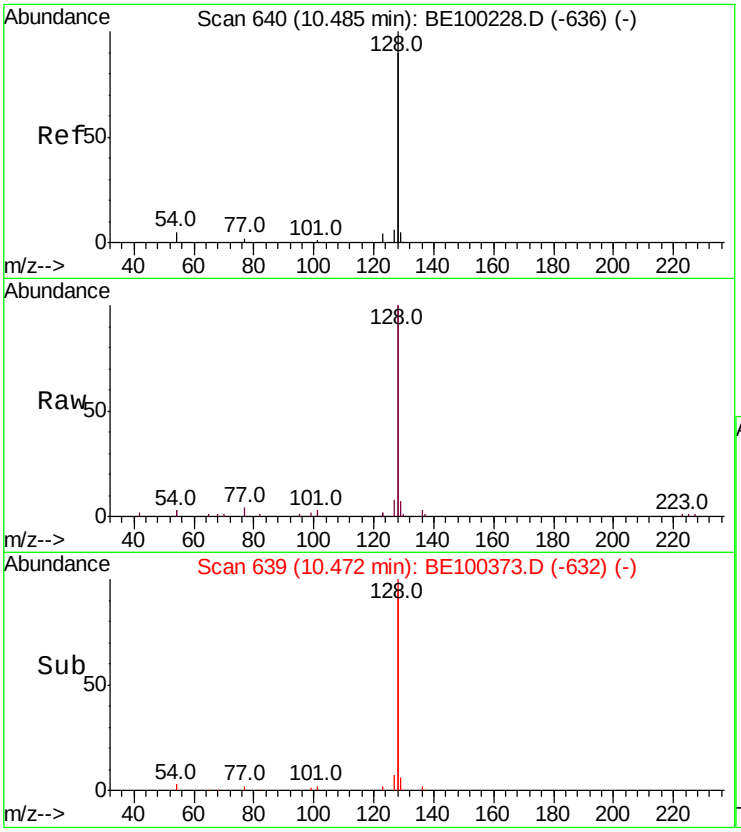


#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 8.80 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion: 82 Resp: 1511

Ion	Ratio	Lower	Upper
82	100		
128	127.8	140.9	211.3#
54	167.7	146.2	219.2



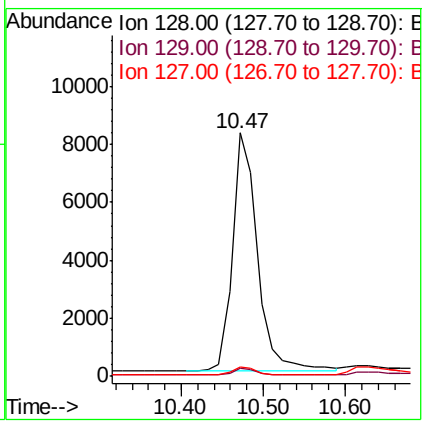


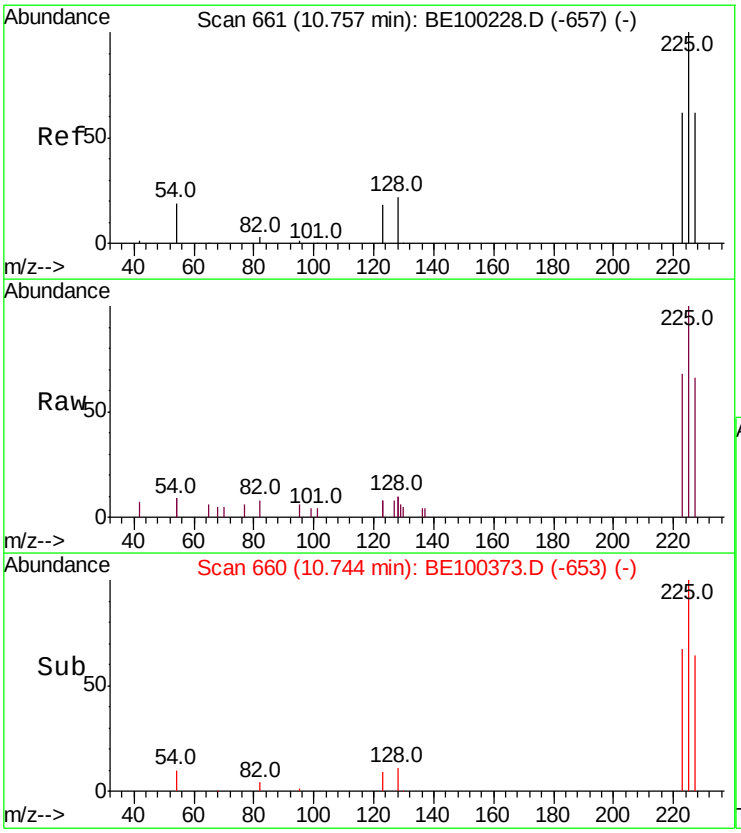
#9
Naphthalene
Concen: 0.412 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 17204

Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	3.9	3.5	5.3

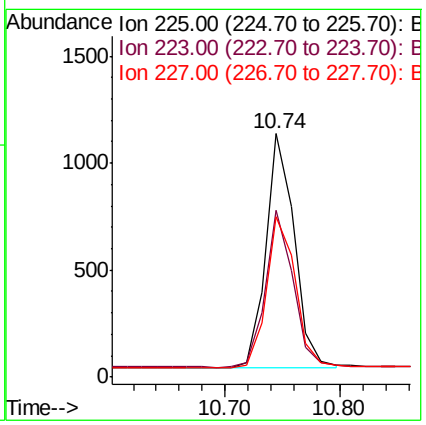


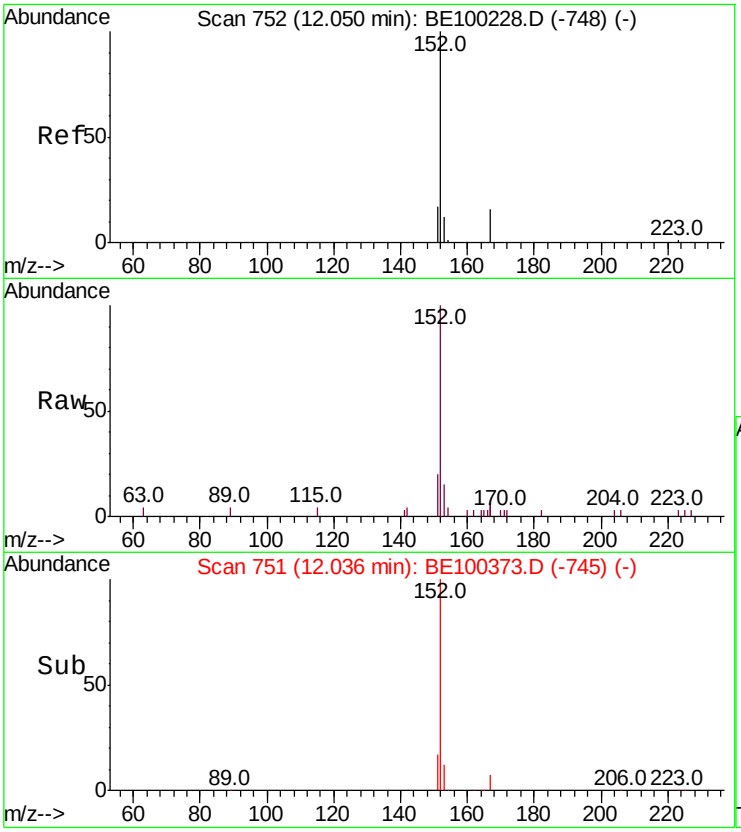


#10
Hexachlorobutadiene
Concen: 0.469 ng
RT: 10.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:225 Resp: 1886

Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.1	73.7
227	66.1	49.3	73.9



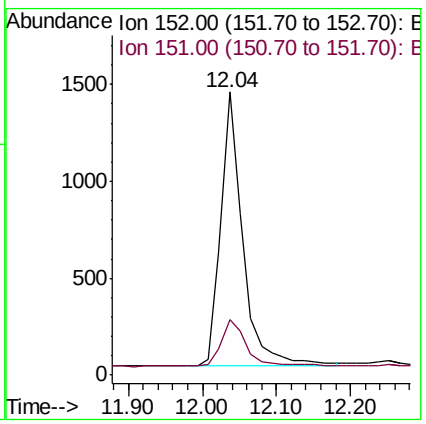


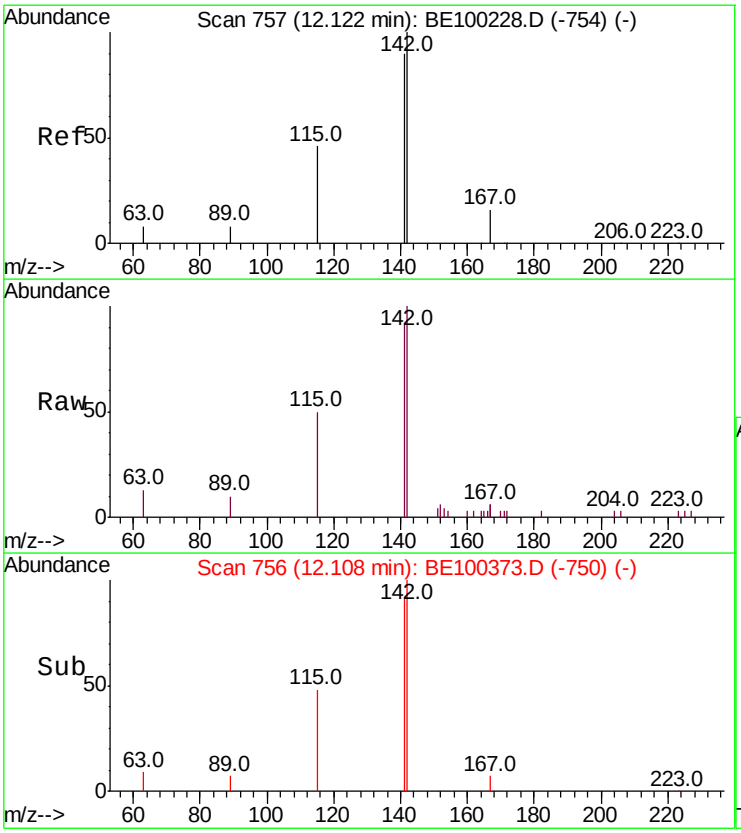
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2928

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

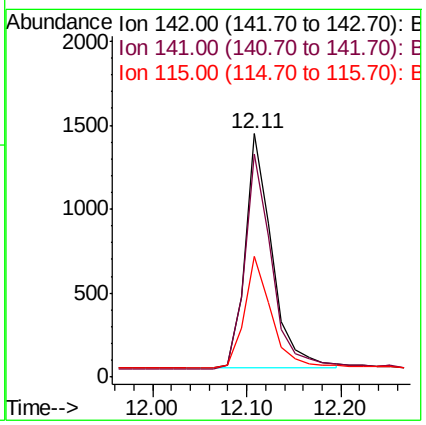


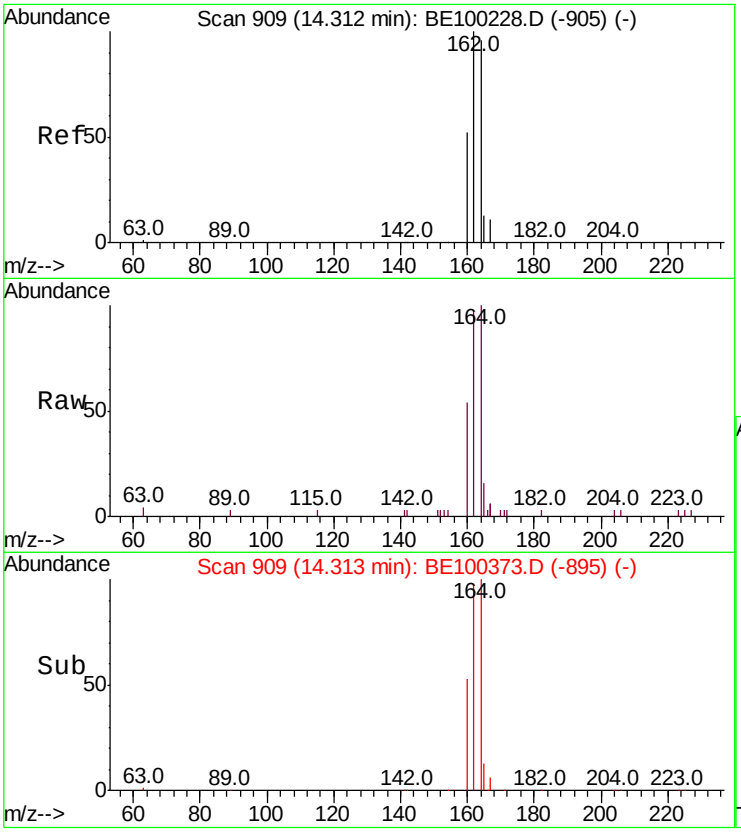


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:142 Resp: 2772

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.4	108.6
115	49.7	40.4	60.6



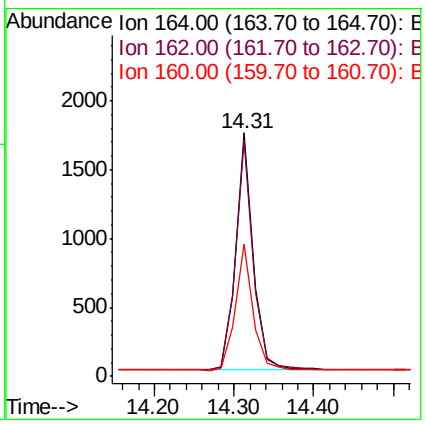


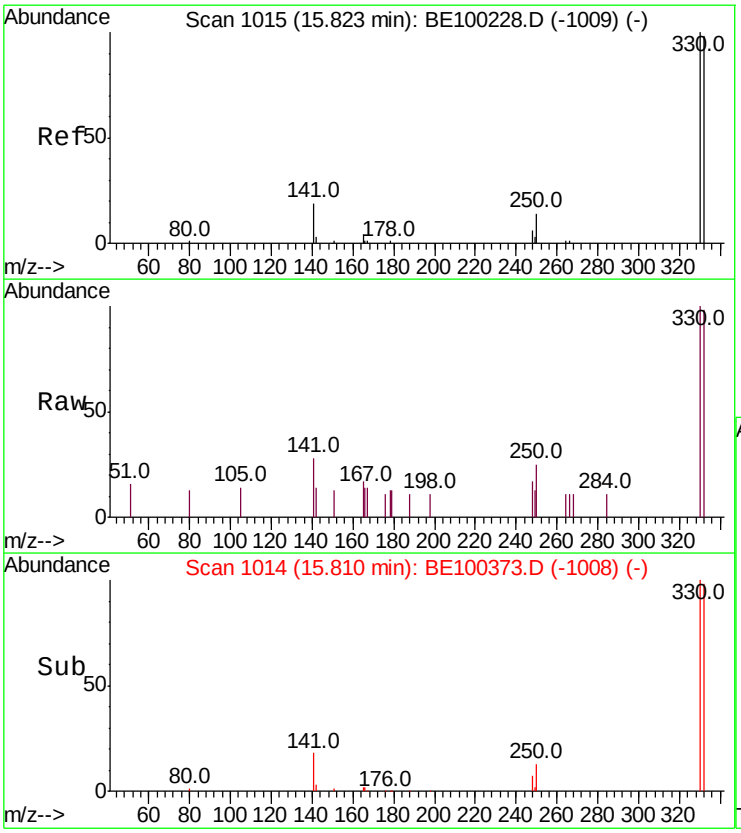
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2610

Ion	Ratio	Lower	Upper
164	100		
162	96.8	83.4	125.0
160	54.4	45.0	67.6

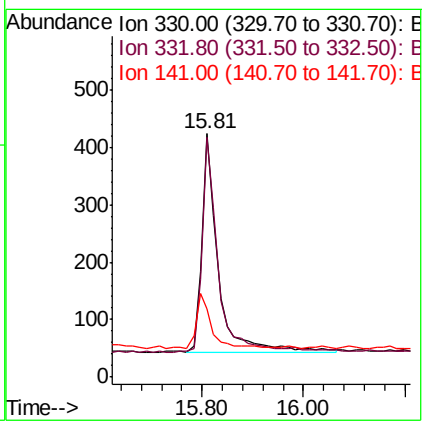


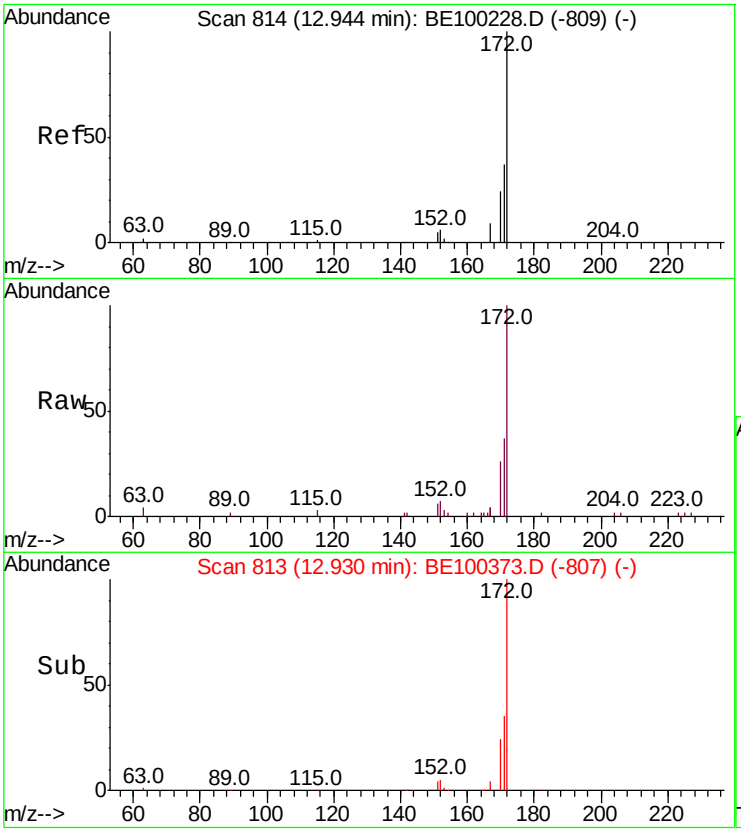


#14
2,4,6-Tribromophenol
Concen: 0.478 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:330 Resp: 872

Ion	Ratio	Lower	Upper
330	100		
332	90.9	77.0	115.4
141	22.6	22.0	33.0



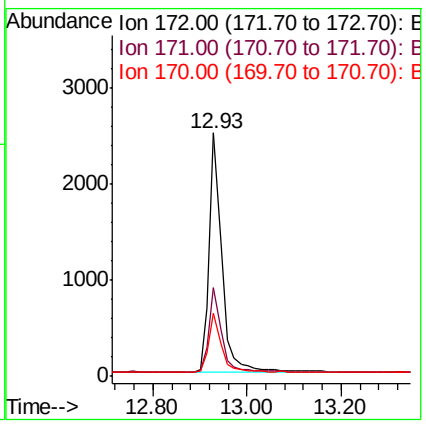


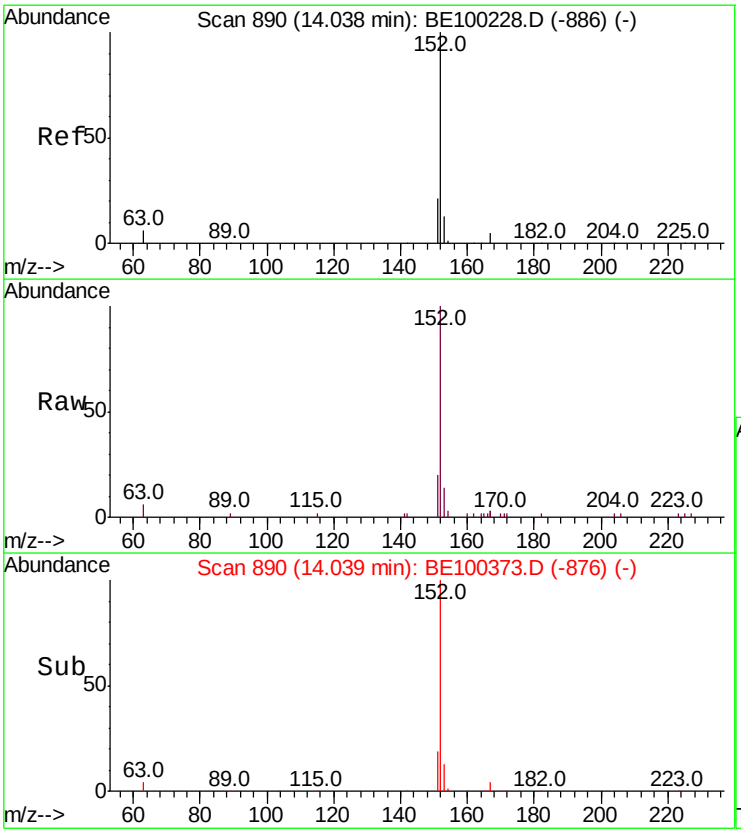
#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4663

Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.9	47.9
170	26.0	22.2	33.2

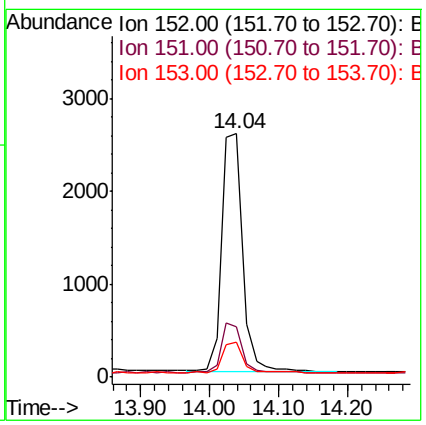


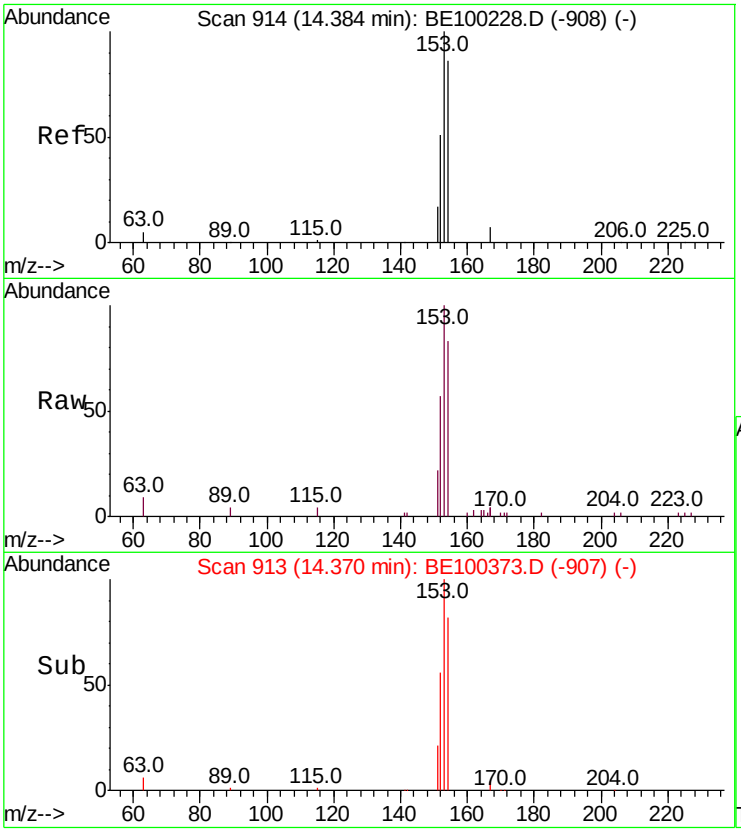


#16
Acenaphthylene
Concen: 0.430 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:152 Resp: 5387

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	25.0
153	12.8	10.5	15.7



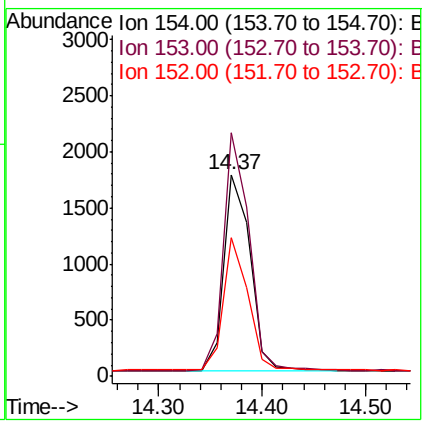


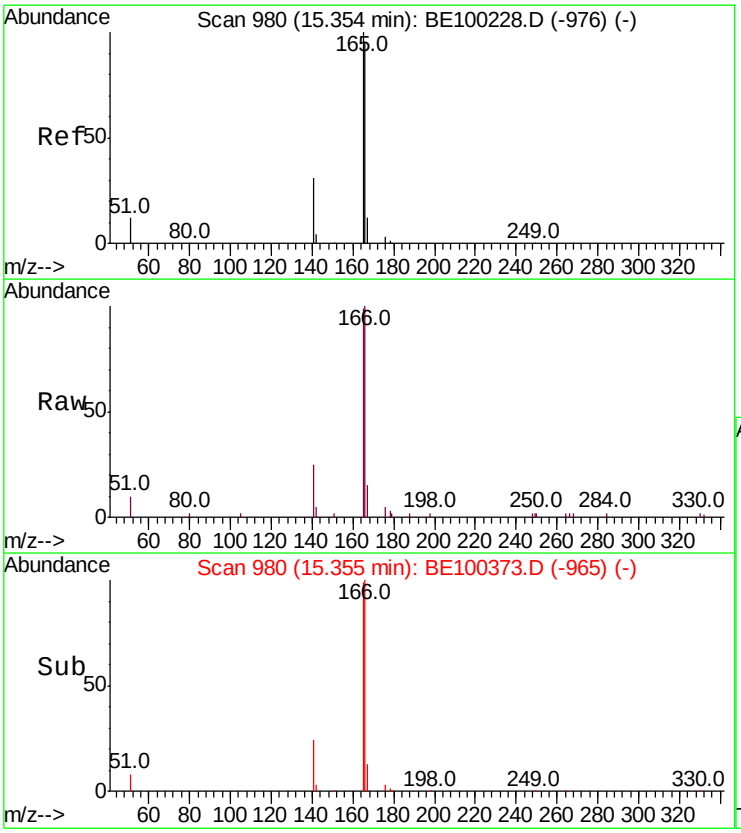
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3058

Ion	Ratio	Lower	Upper
154	100		
153	118.1	93.4	140.2
152	63.9	49.4	74.2

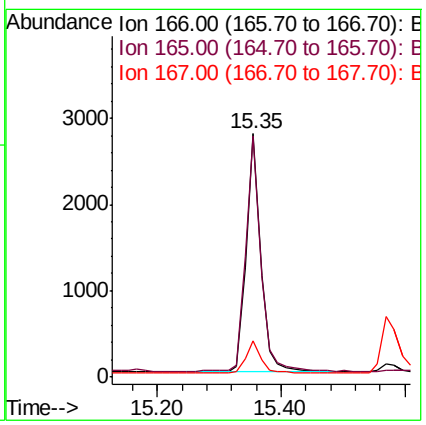


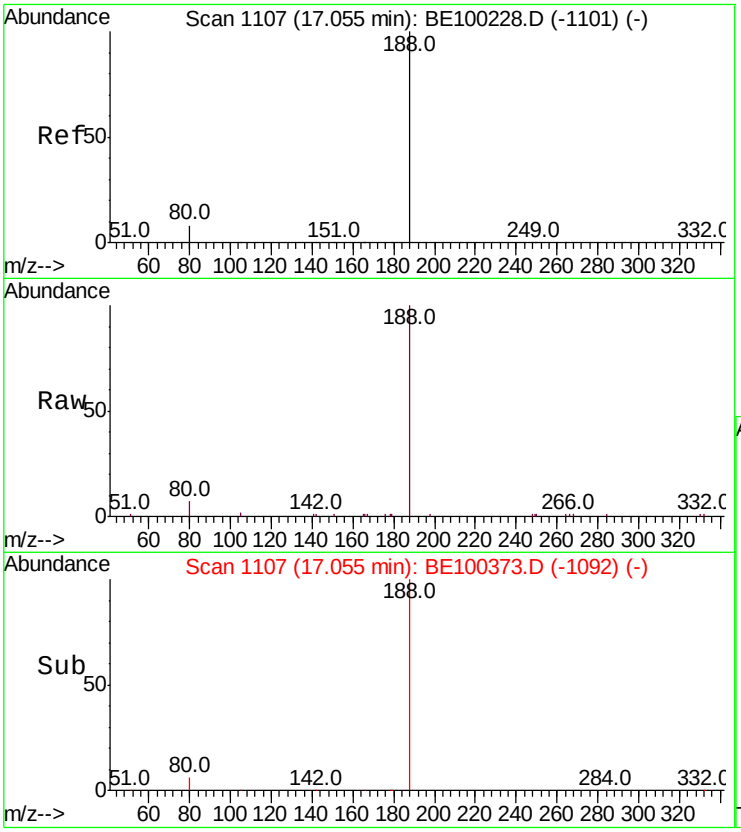


#18
Fluorene
Concen: 0.431 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:166 Resp: 4521

Ion	Ratio	Lower	Upper
166	100		
165	102.8	81.1	121.7
167	13.6	10.7	16.1



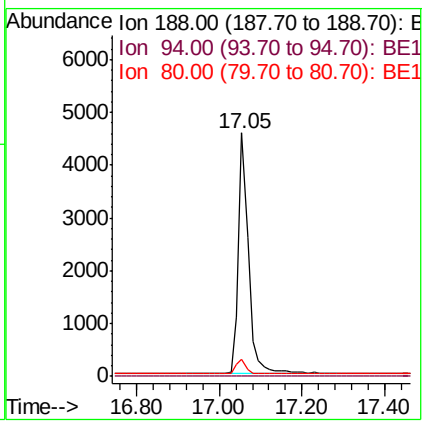


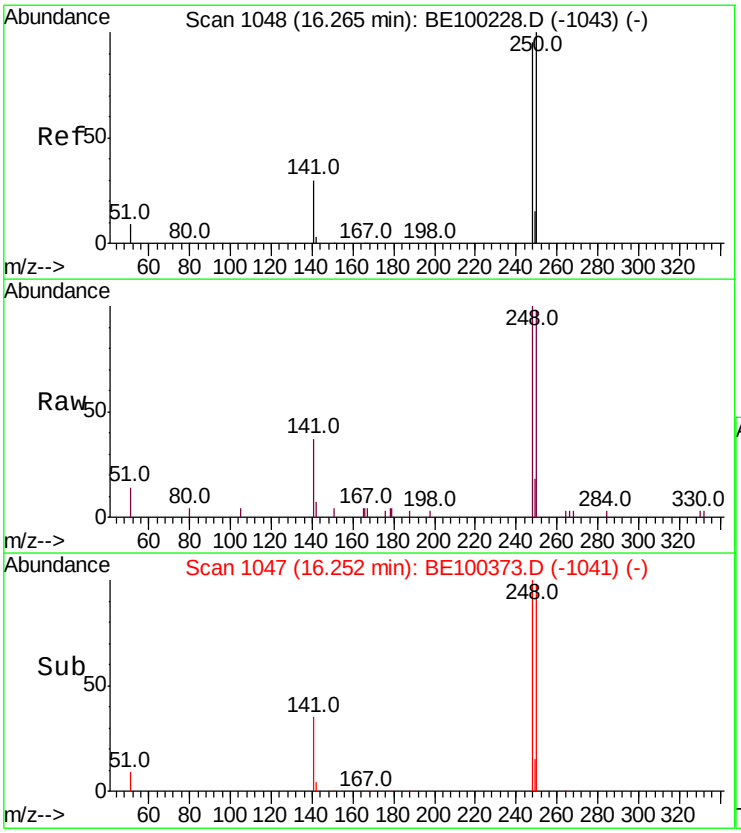
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7783

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	7.6	11.4#

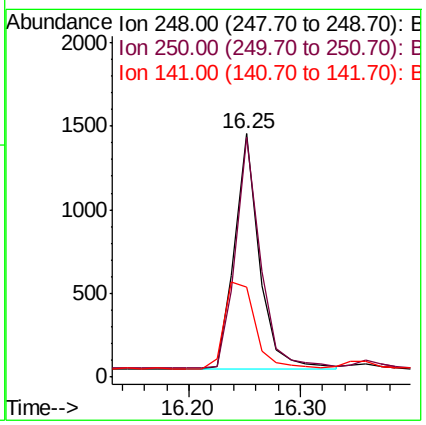


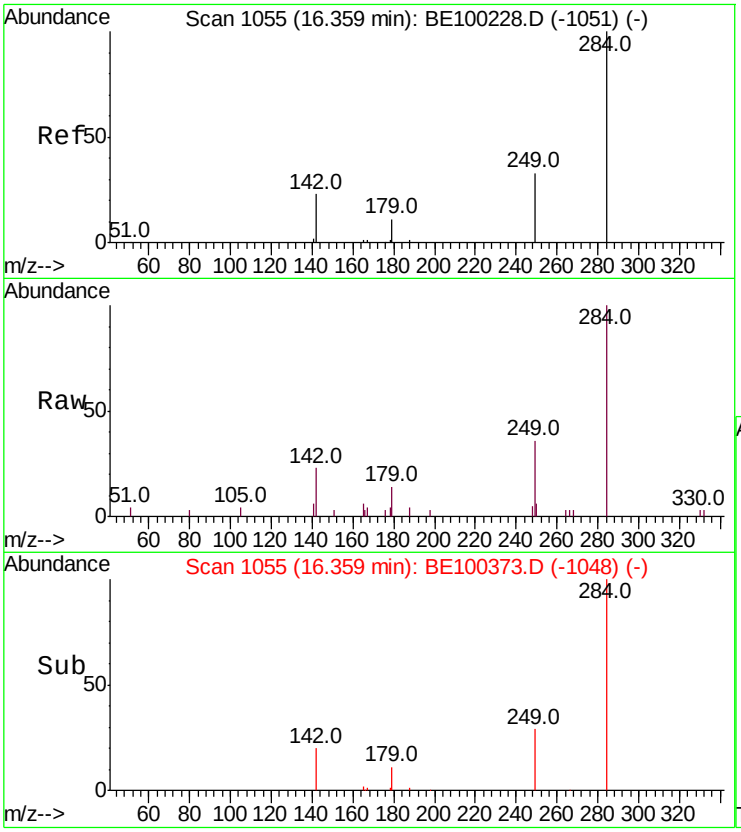


#20
4-Bromophenyl-phenylether
Concen: 0.445 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:248 Resp: 2213

Ion	Ratio	Lower	Upper
248	100		
250	98.4	84.2	126.4
141	37.2	29.3	43.9



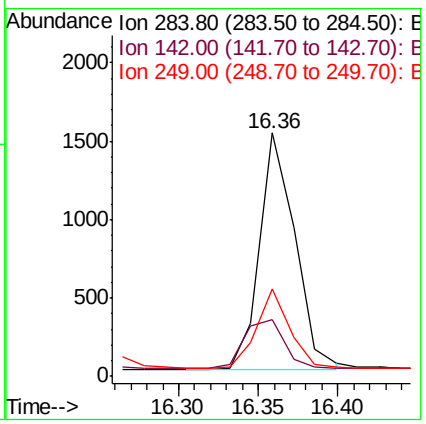


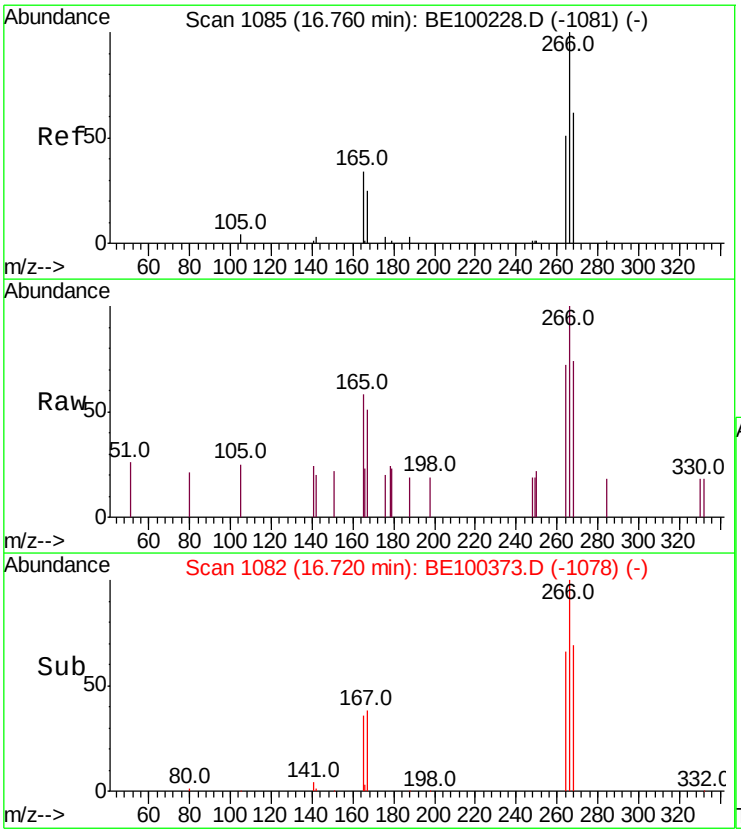
#21
Hexachlorobenzene
Concen: 0.450 ng
RT: 16.36 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2319

Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.8	28.2
249	31.7	23.7	35.5

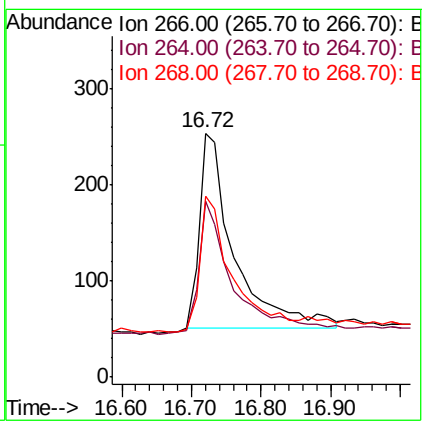


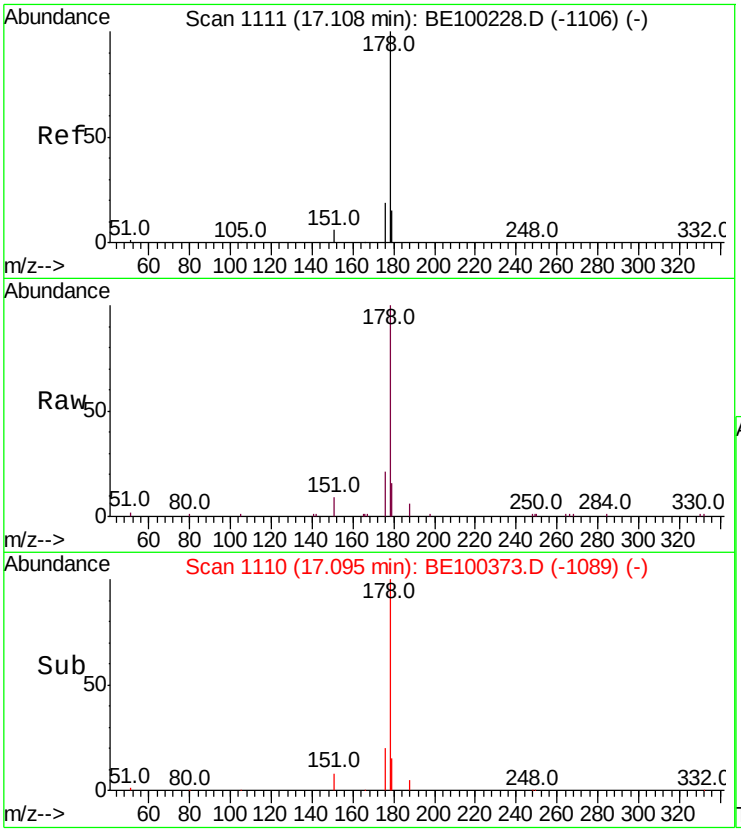


#22
Pentachlorophenol
Concen: 0.459 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:266 Resp: 712

Ion	Ratio	Lower	Upper
266	100		
264	71.9	56.2	84.2
268	74.3	61.8	92.6



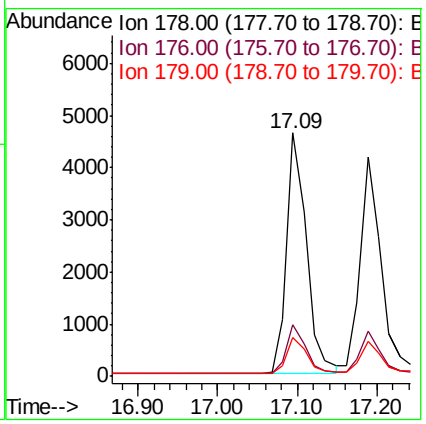


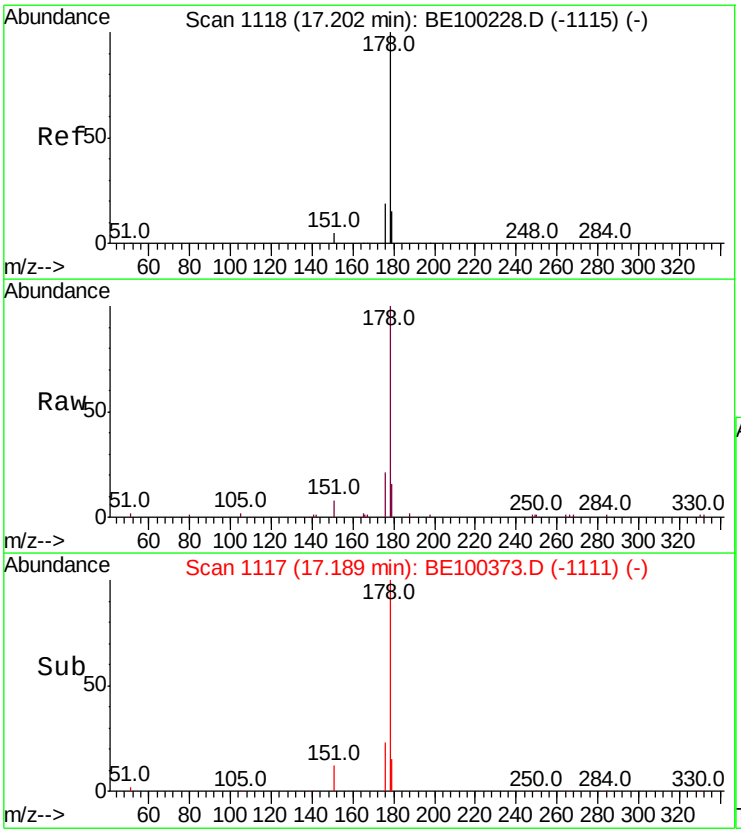
#23
Phenanthrene
Concen: 0.423 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7974

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.8	12.2	18.2

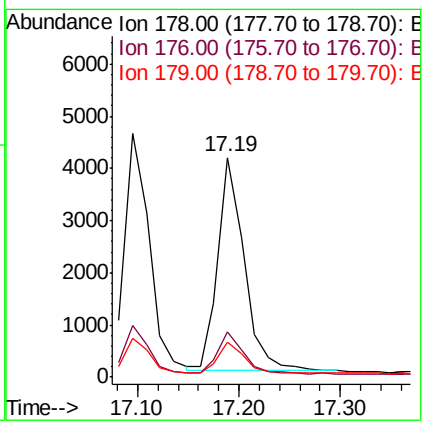


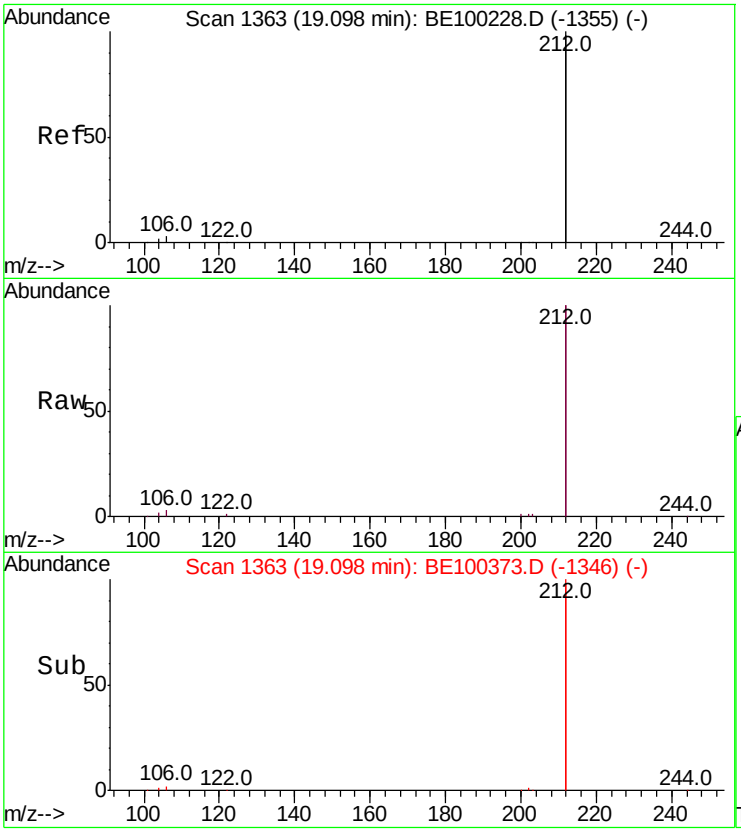


#24
Anthracene
Concen: 0.430 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:178 Resp: 7304

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.1	12.2	18.2



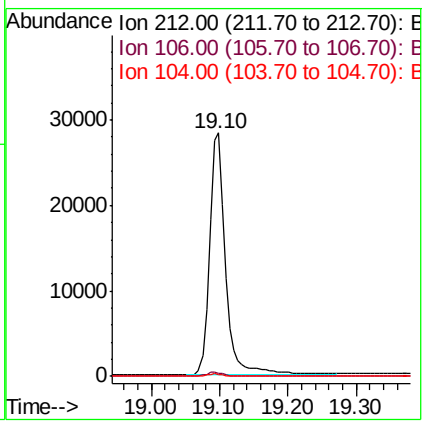


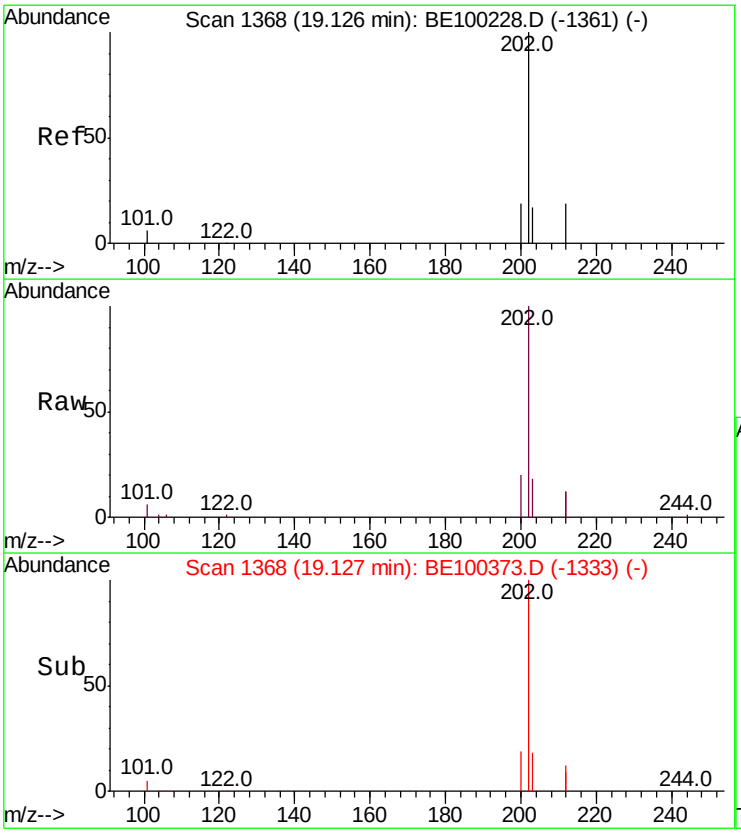
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 46169

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	0.9	0.8	1.2

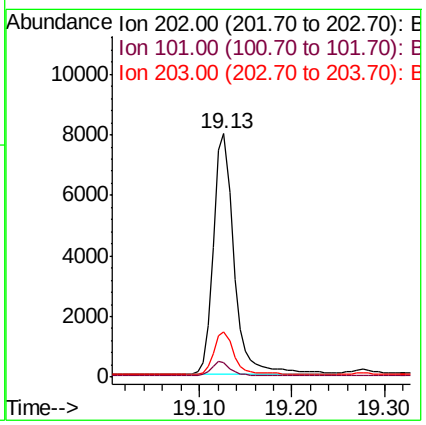


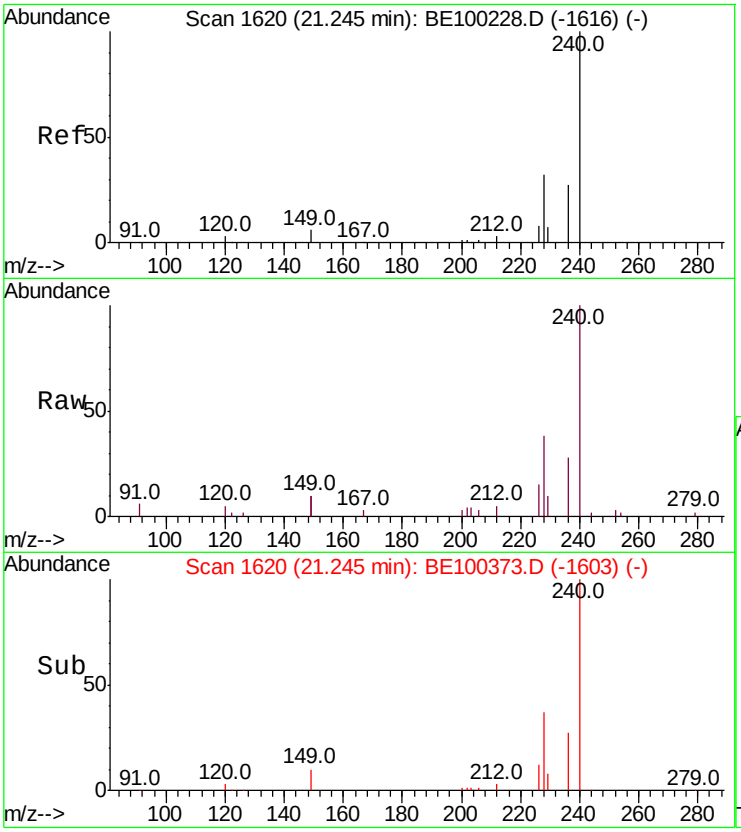


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:202 Resp: 12366

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	17.5	13.7	20.5



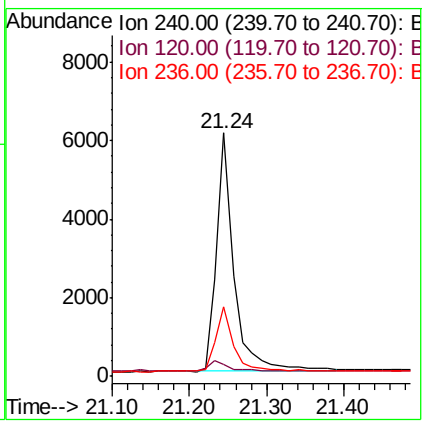


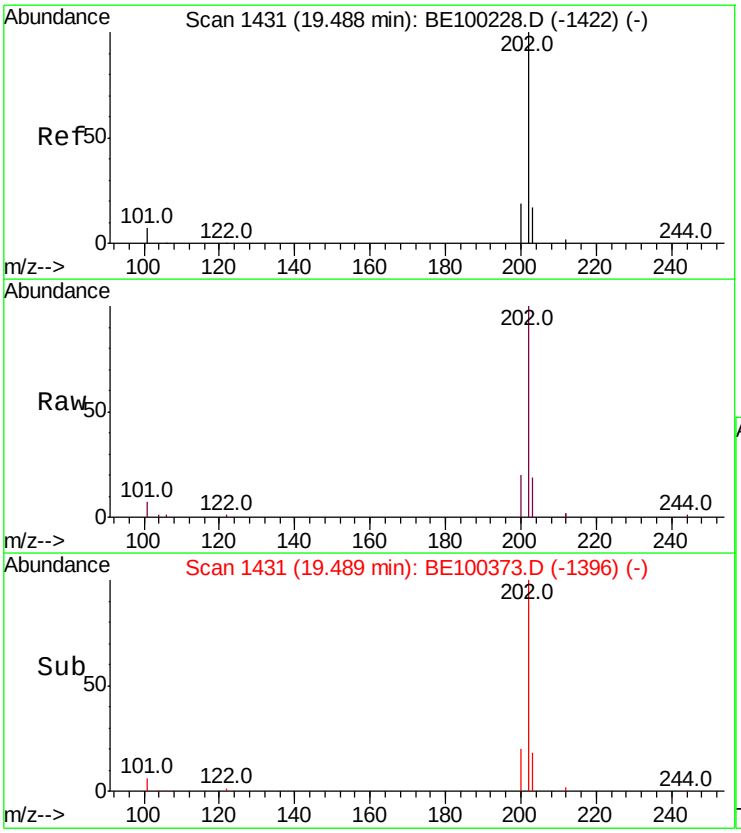
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9621

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.3	4.9
236	28.3	22.6	34.0

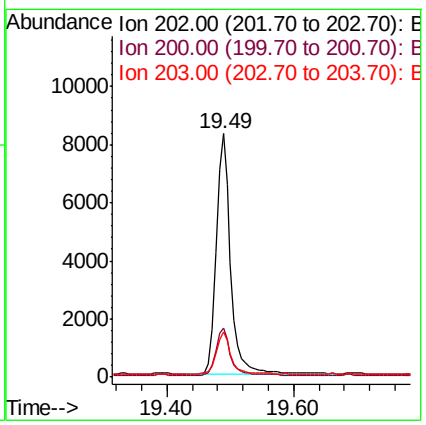


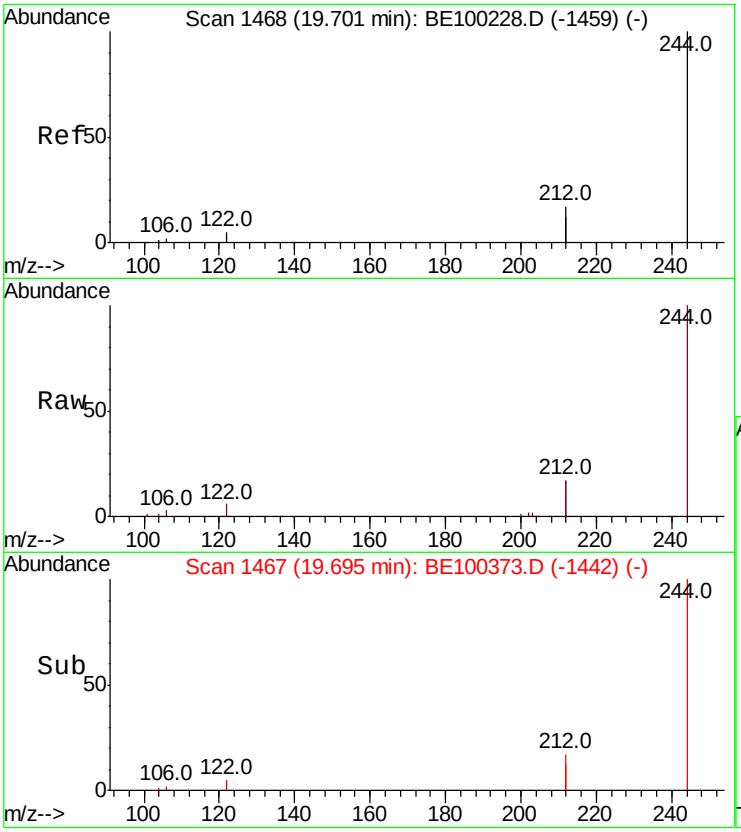


#28
Pyrene
Concen: 0.504 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:202 Resp: 12848

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	18.0	14.0	21.0



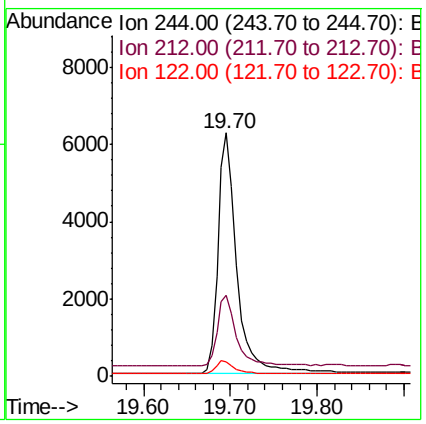


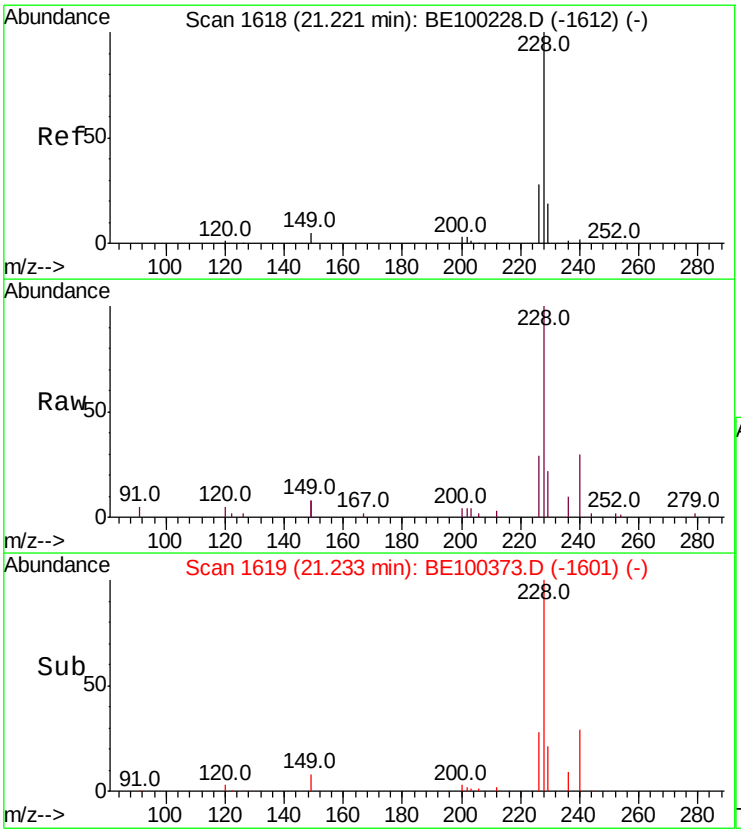
#29
Terphenyl-d14
Concen: 0.483 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9630

Ion	Ratio	Lower	Upper
244	100		
212	33.3	27.3	40.9
122	5.8	4.7	7.1

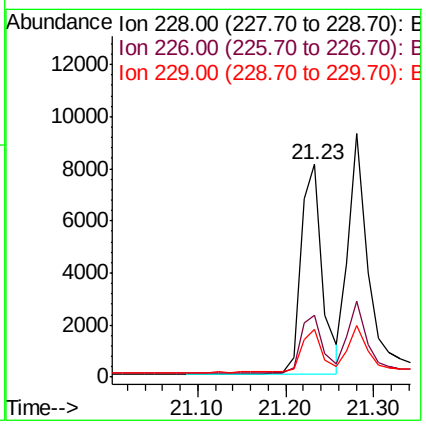


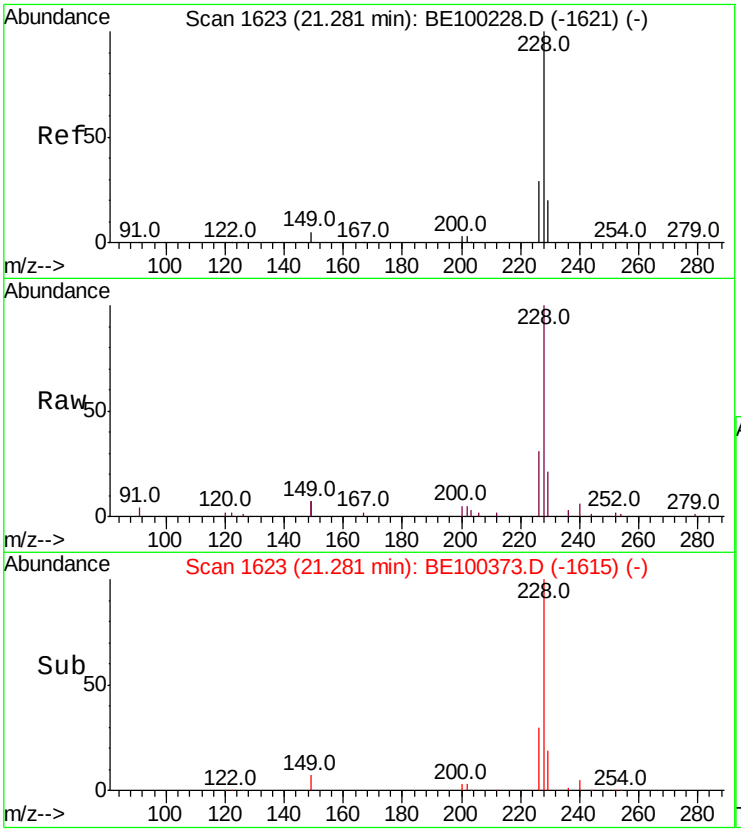


#30
Benzo(a)anthracene
Concen: 0.434 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:228 Resp: 13730

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	22.4	15.7	23.5



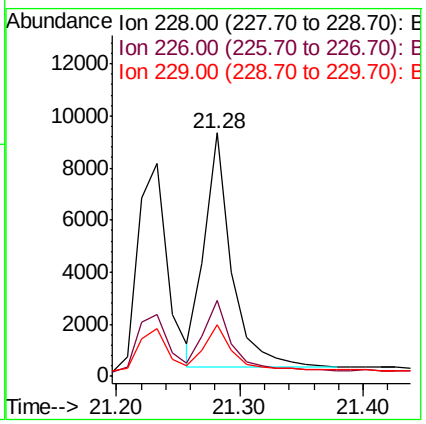


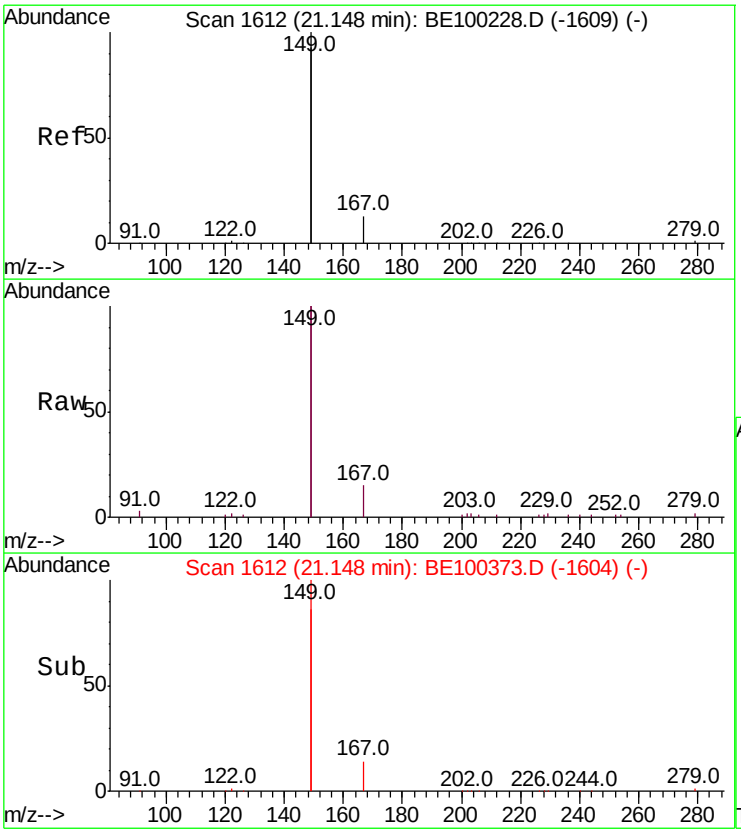
#31
Chrysene
Concen: 0.431 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 13676

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	21.4	16.5	24.7

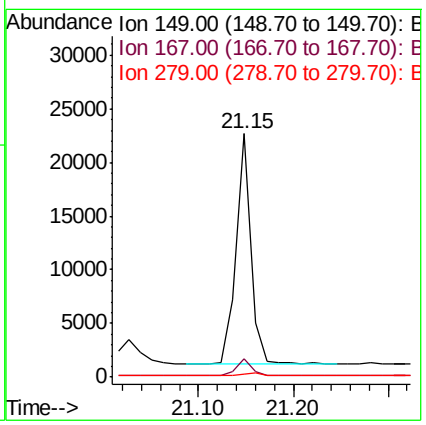


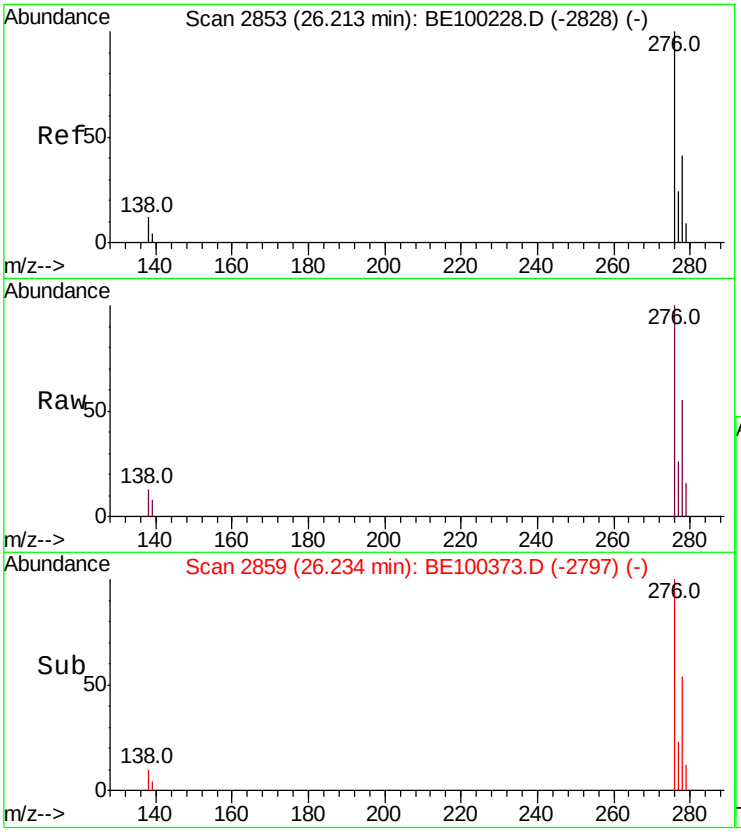


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.469 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:149 Resp: 23535

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.8
279	1.7	1.1	1.7#



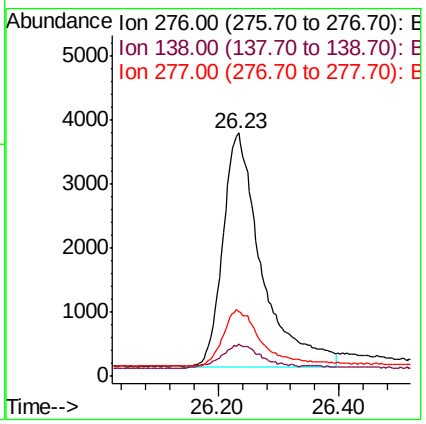


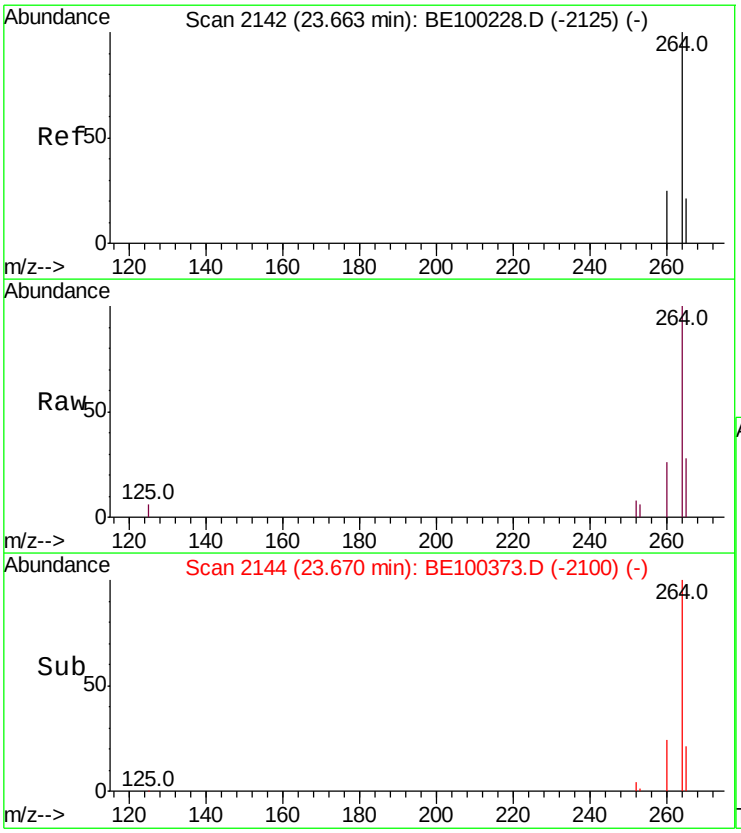
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng
RT: 26.23 min Scan# 2859
Delta R.T. 0.02 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 16111

Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.4	14.0
277	24.5	19.2	28.8

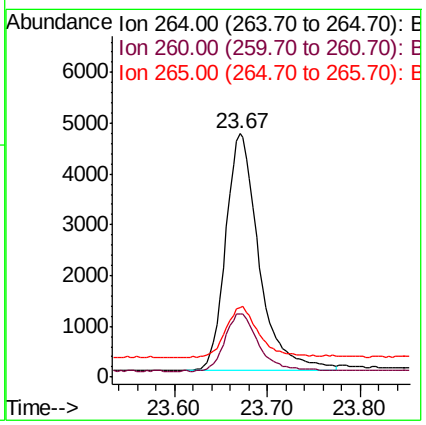


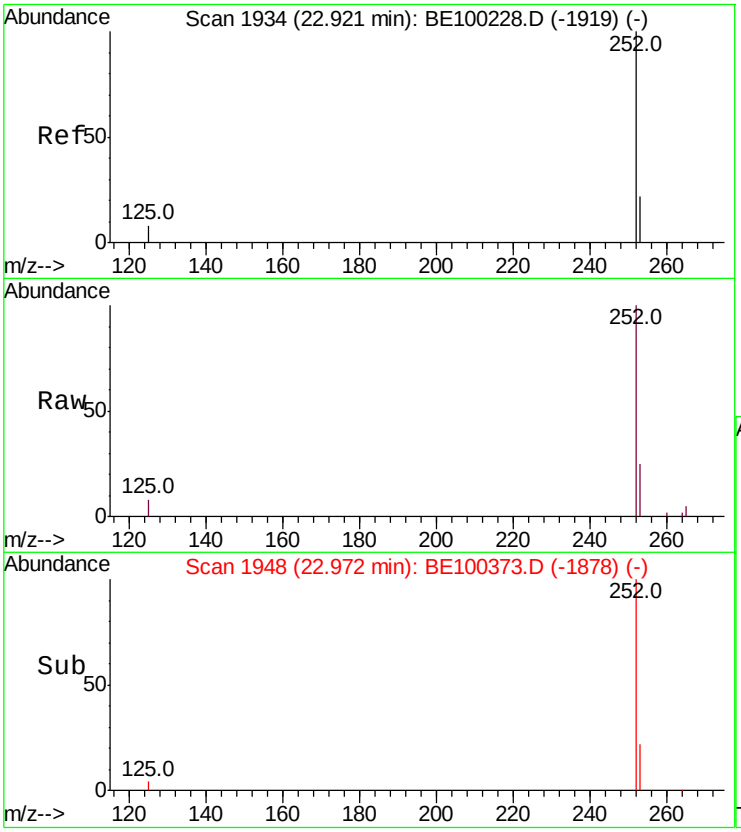


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:264 Resp: 11673

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.8	31.2
265	28.3	21.8	32.6



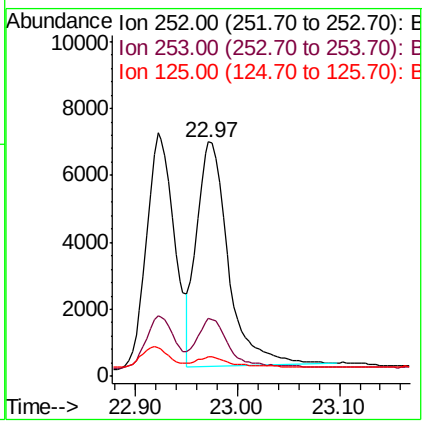


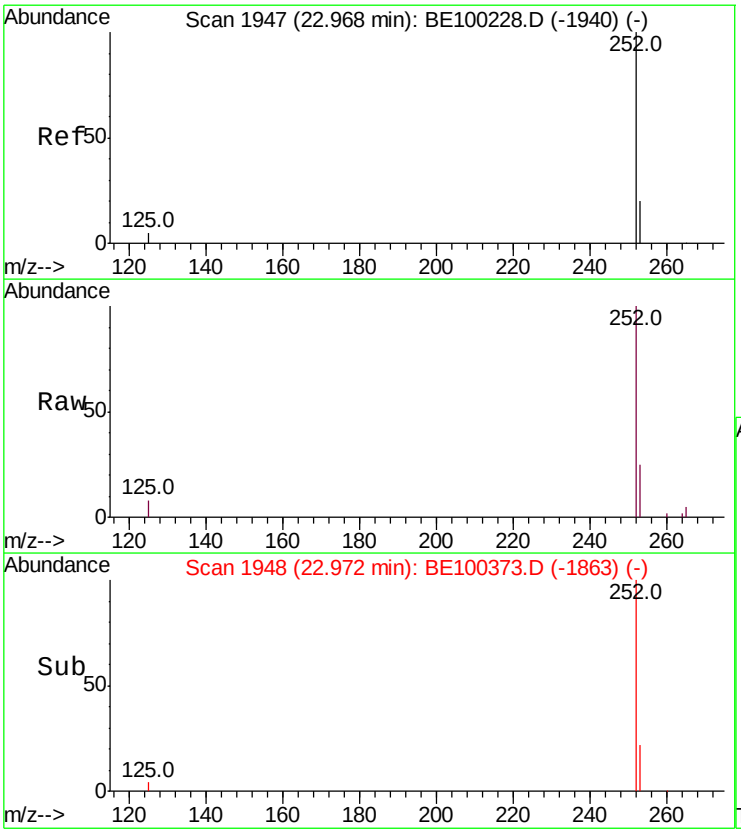
#35
Benzo(b)fluoranthene
Concen: 0.458 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.05 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 14504

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.2	28.8
125	8.3	7.4	11.0

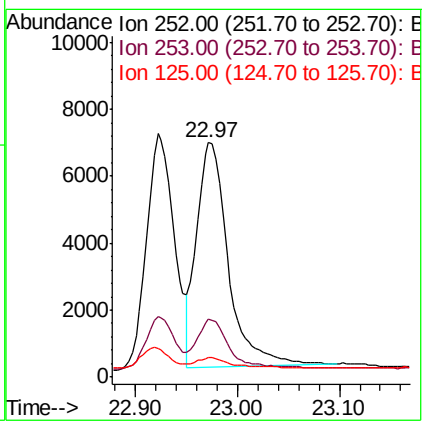


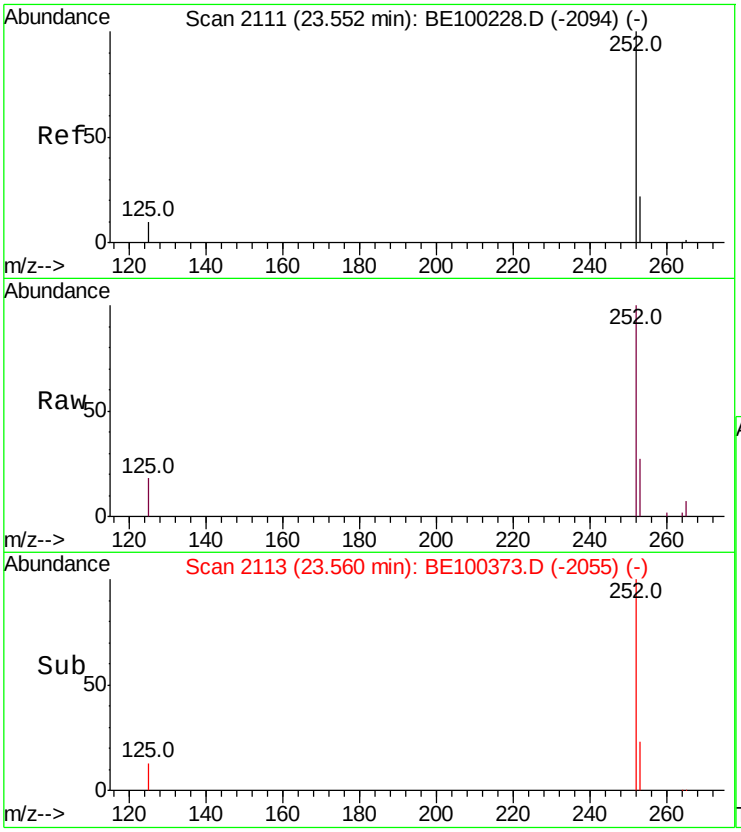


#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:252 Resp: 14504

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	8.3	5.0	7.4#



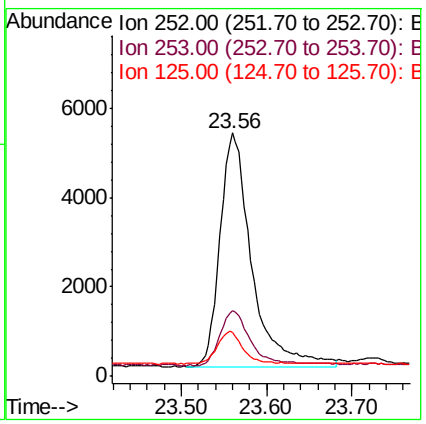


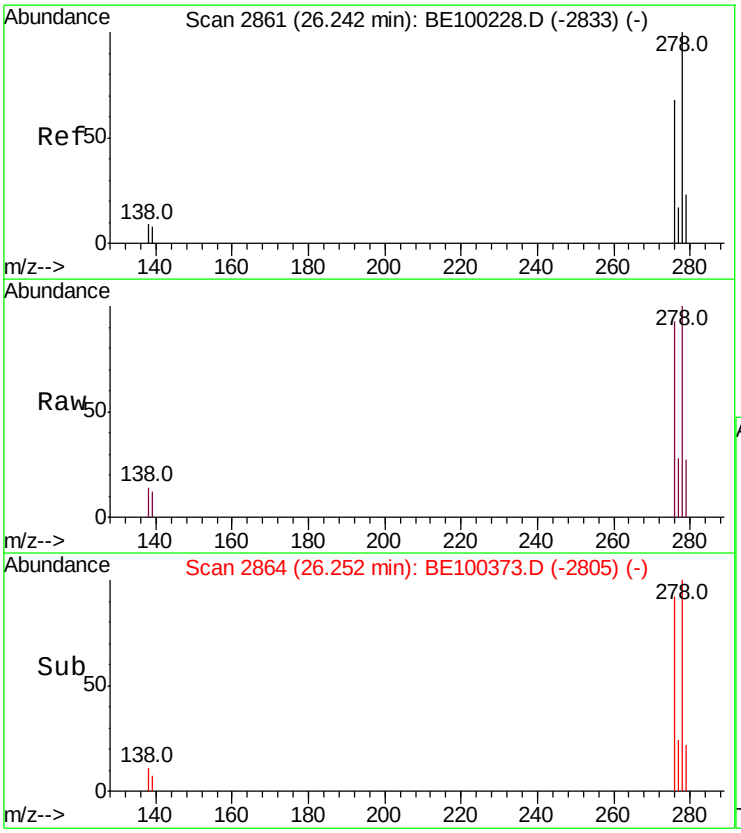
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13530

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.6	29.4
125	17.9	9.0	13.6#

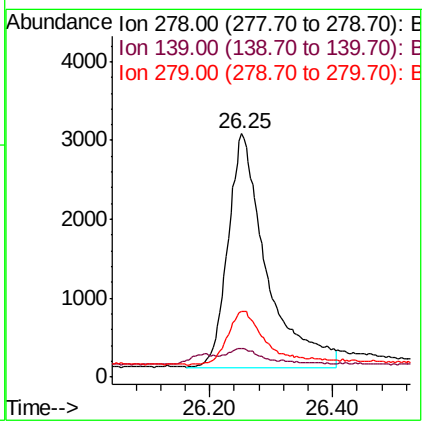


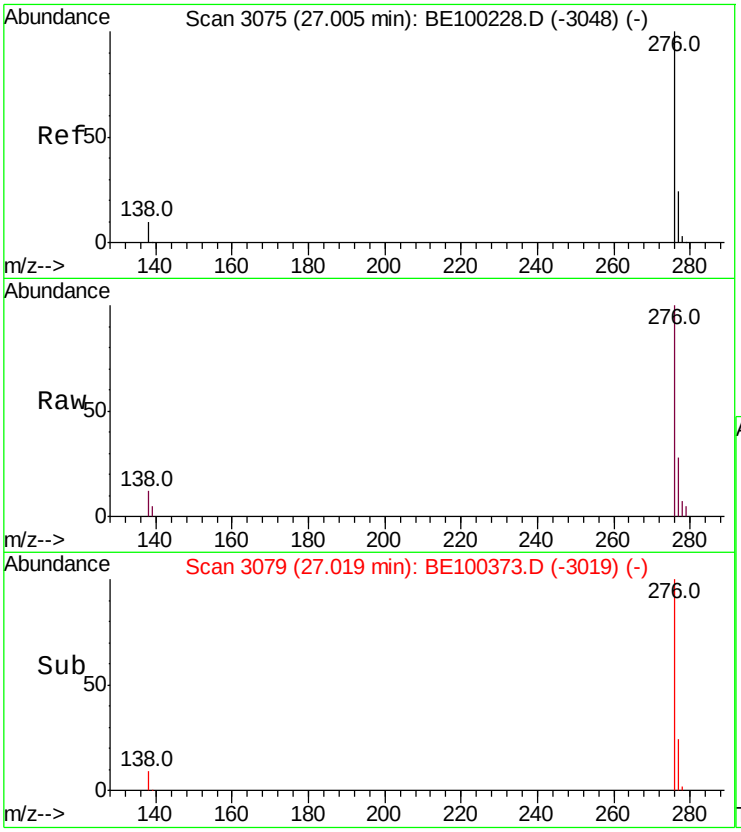


#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 26.25 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:278 Resp: 12862

Ion	Ratio	Lower	Upper
278	100		
139	11.7	8.2	12.2
279	27.0	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 27.02 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 13439

Ion	Ratio	Lower	Upper
276	100		
277	27.7	20.2	30.2
138	12.3	9.0	13.6