Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
Data File : BE099323.D
Acq On : 15 Apr 2019 11:32
Operator : JU/SJ
Sample : PB118846BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118846BS

Quant Time: Apr 15 13:12:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4876	0.40	ng		-0.02
7) Naphthalene-d8	10.61	136	16678	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	9210	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	23361	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	31233	0.40	ng		-0.02
34) Perylene-d12	23.87	264	33640	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	2935	0.23	ng		-0.01
5) Phenol-d6	6.98	99	3892	0.22	ng		-0.01
8) Nitrobenzene-d5	8.98	82	2967	0.26	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	9942	0.34	ng		-0.02
14) 2,4,6-Tribromophenol	15.94	330	642	0.15	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	9278	0.26	ng		-0.02
25) Fluoranthene-d10	19.22	212	62798	0.20	ng		-0.02
29) Terphenyl-d14	19.82	244	11132	0.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3096	0.466	ng	#	77
3) n-Nitrosodimethylamine	3.66	42	875	0.223	ng	#	96
6) bis(2-Chloroethyl)ether	7.24	93	3550	0.222	ng		92
9) Naphthalene	10.65	128	43264	0.239	ng		99
10) Hexachlorobutadiene	10.94	225	2695	0.229	ng		99
12) 2-Methylnaphthalene	12.28	142	6788	0.220	ng		97
16) Acenaphthylene	14.18	152	9356	0.214	ng		99
17) Acenaphthene	14.53	154	6016	0.234	ng		99
18) Fluorene	15.50	166	7888	0.212	ng		96
20) 4-Bromophenyl-phenylether	16.38	248	2941	0.222	ng	#	76
21) Hexachlorobenzene	16.49	284	2993	0.237	ng		99
22) Pentachlorophenol	16.84	266	1630	0.311	ng		93
23) Phenanthrene	17.24	178	14606	0.242	ng		99
24) Anthracene	17.32	178	12936	0.227	ng		100
26) Fluoranthene	19.25	202	17961	0.201	ng		98
28) Pyrene	19.62	202	18410	0.223	ng		98
30) Benzo(a)anthracene	21.35	228	22755	0.231	ng		99
31) Chrysene	21.40	228	23958	0.248	ng		98
32) Bis(2-ethylhexyl)phthalate	21.27	149	19420	0.155	ng		99
33) Indeno(1,2,3-cd)pyrene	26.51	276	26743	0.243	ng		98
35) Benzo(b)fluoranthene	23.10	252	23556	0.235	ng		98
36) Benzo(k)fluoranthene	23.15	252	23486	0.240	ng		98
37) Benzo(a)pyrene	23.75	252	22287	0.236	ng		99
38) Dibenzo(a,h)anthracene	26.53	278	22151	0.236	ng		98
39) Benzo(g,h,i)perylene	27.33	276	23483	0.251	ng		99

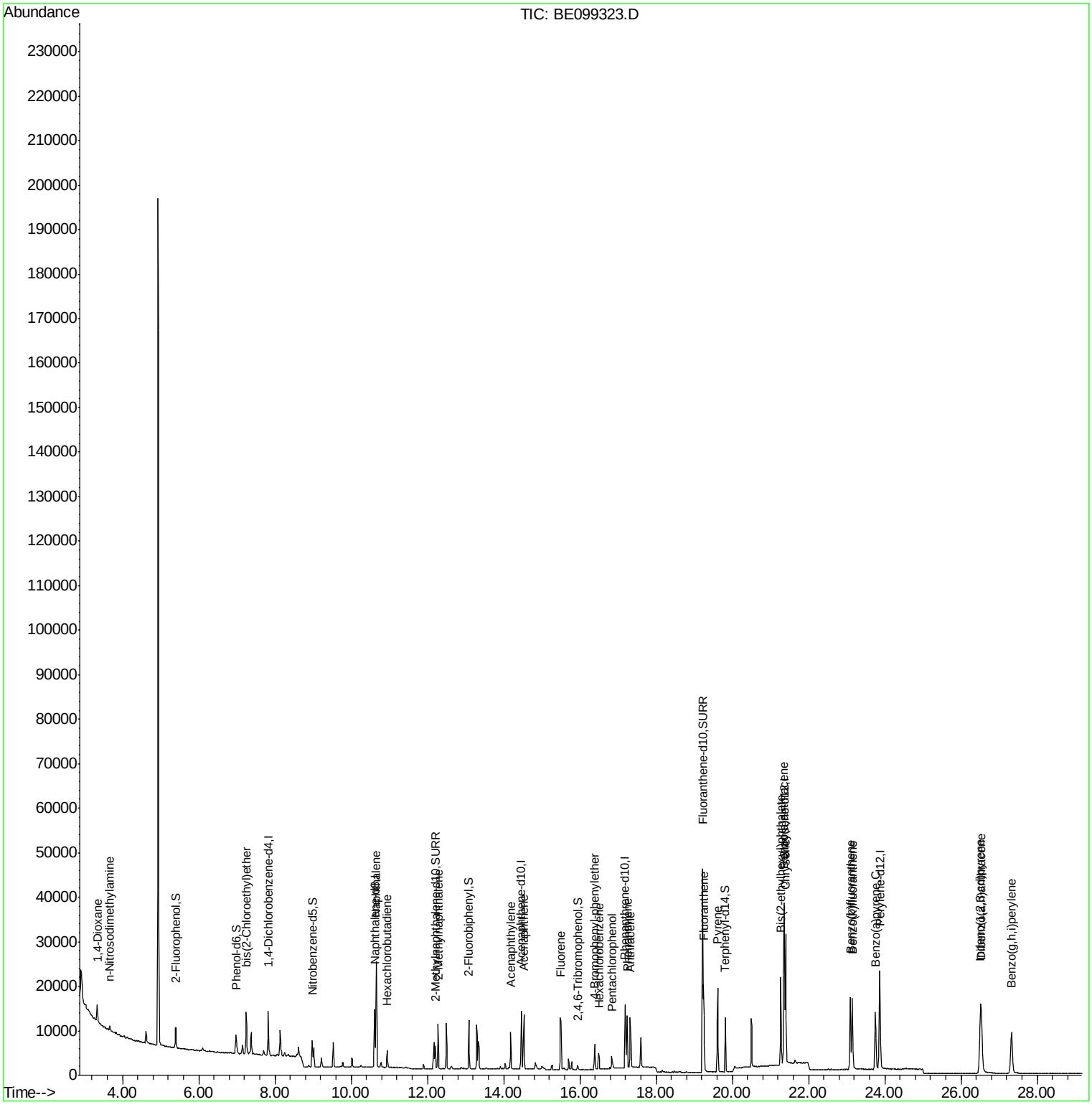
(#) = qualifier out of range (m) = manual integration (+) = signals summed

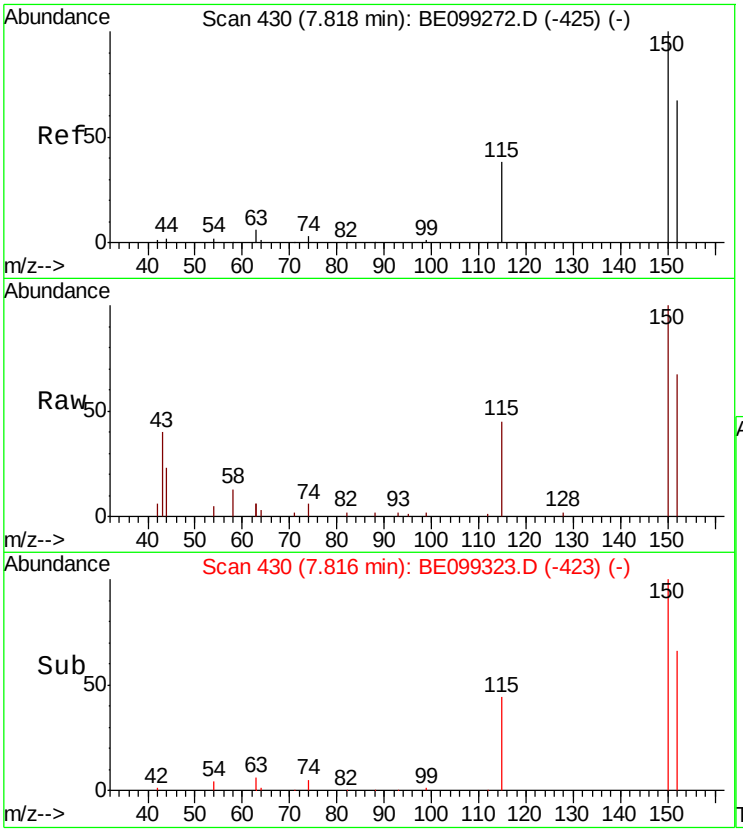
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
Data File : BE099323.D
Acq On : 15 Apr 2019 11:32
Operator : JU/SJ
Sample : PB118846BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Quant Time: Apr 15 13:12:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration



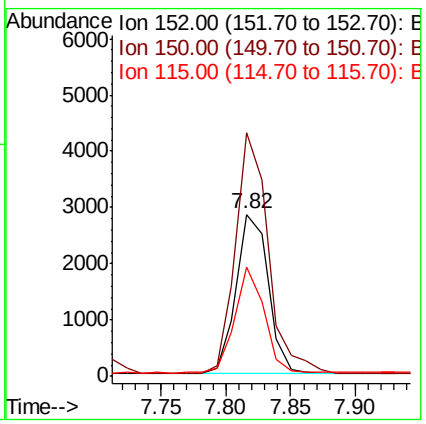


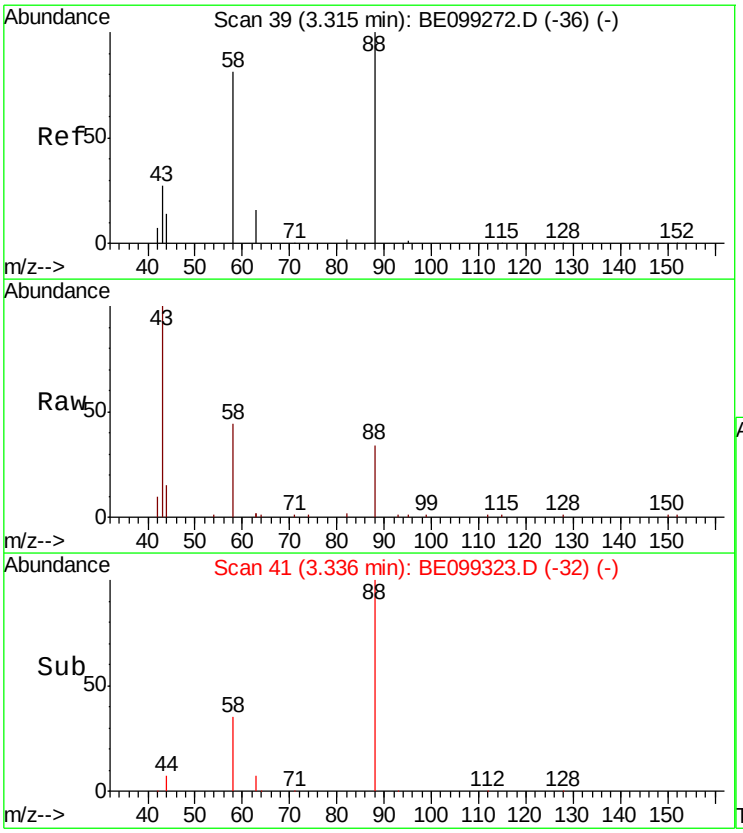
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:152 Resp: 4876

Ion	Ratio	Lower	Upper
152	100		
150	150.1	112.8	169.2
115	67.3	45.1	67.7

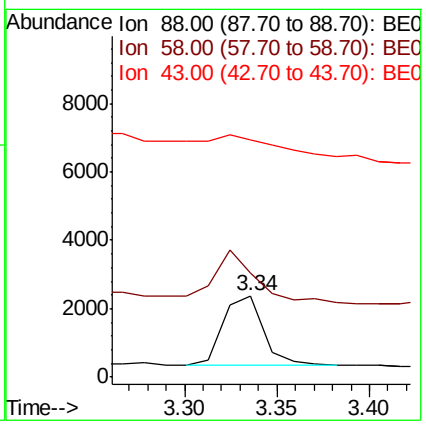


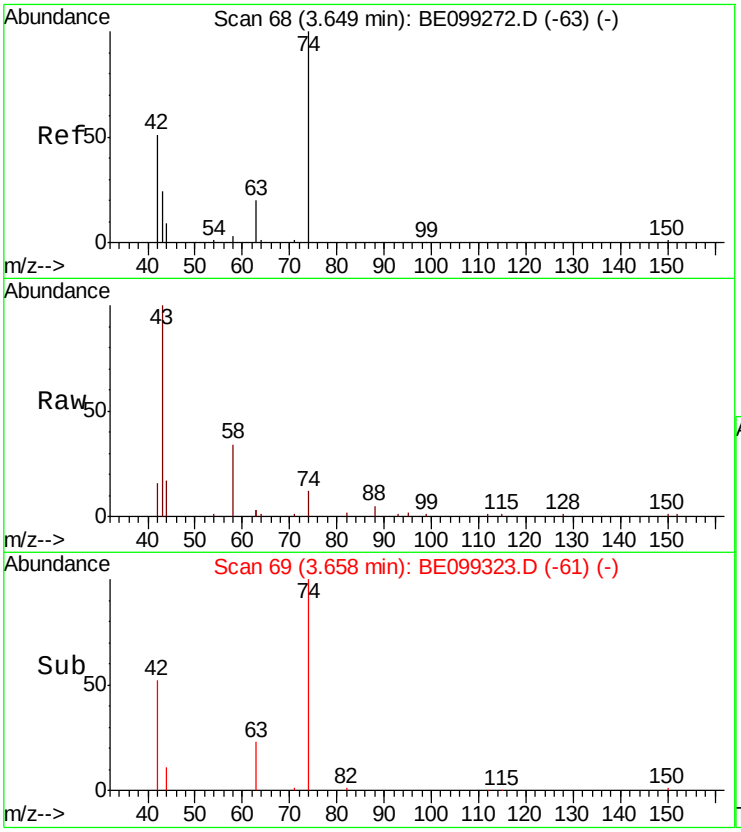


#2
1,4-Dioxane
Concen: 0.466 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 88 Resp: 3096

Ion	Ratio	Lower	Upper
88	100		
58	71.8	47.4	71.0#
43	0.0	15.6	23.4#



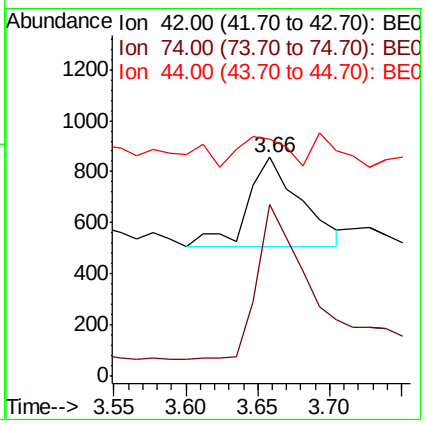


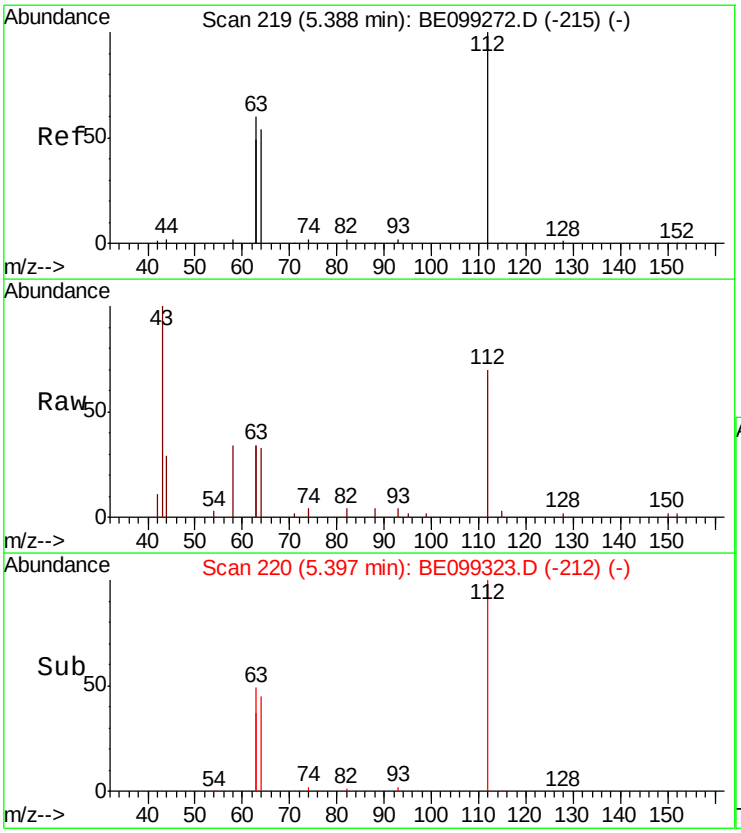
#3
n-Nitrosodimethylamine
Concen: 0.223 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion: 42 Resp: 875

Ion	Ratio	Lower	Upper
42	100		
74	170.4	138.6	207.8
44	29.8	15.0	22.6#

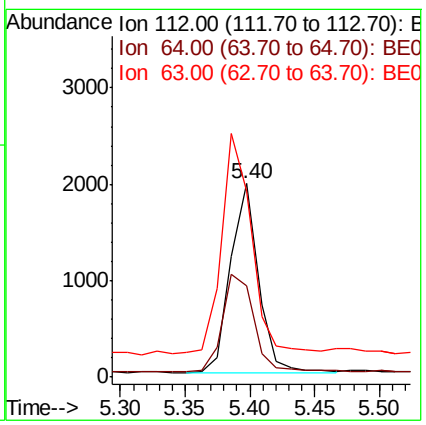


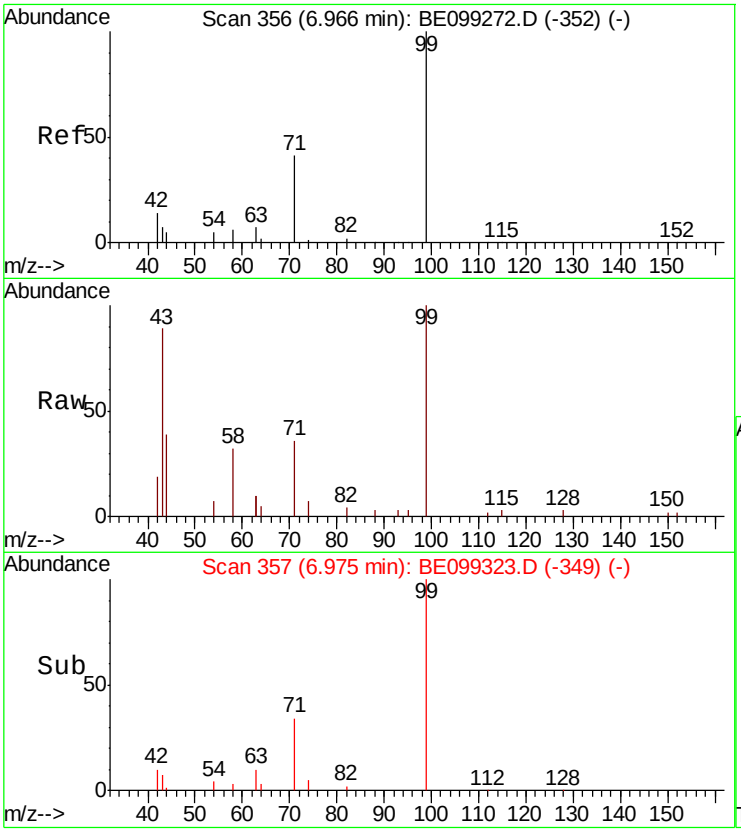


#4
2-Fluorophenol
Concen: 0.226 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:112 Resp: 2935

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.2	69.2
63	129.0	89.9	134.9



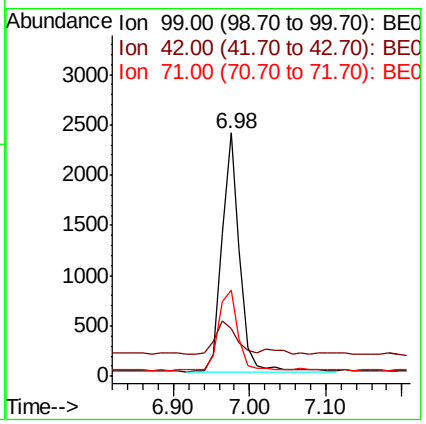


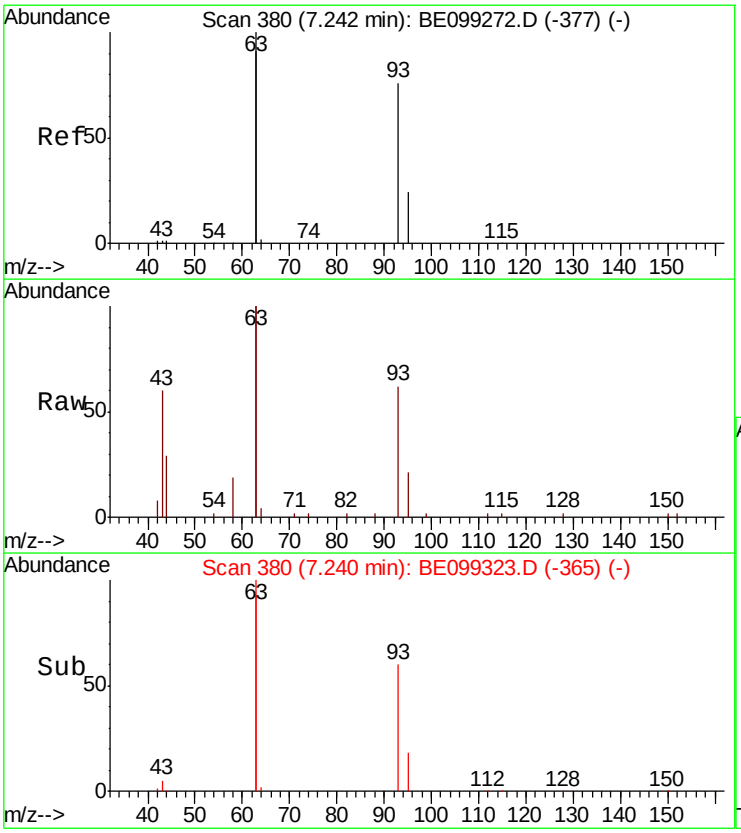
#5
Phenol-d6
Concen: 0.218 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion: 99 Resp: 3892

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.4	18.6
71	37.3	28.4	42.6

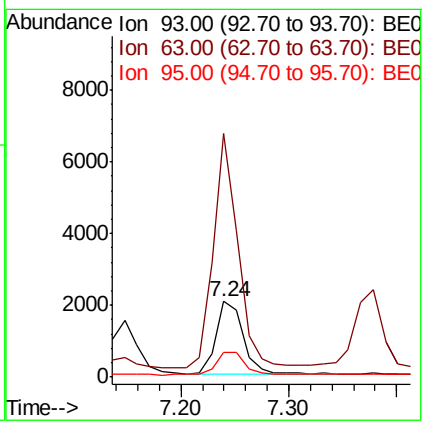


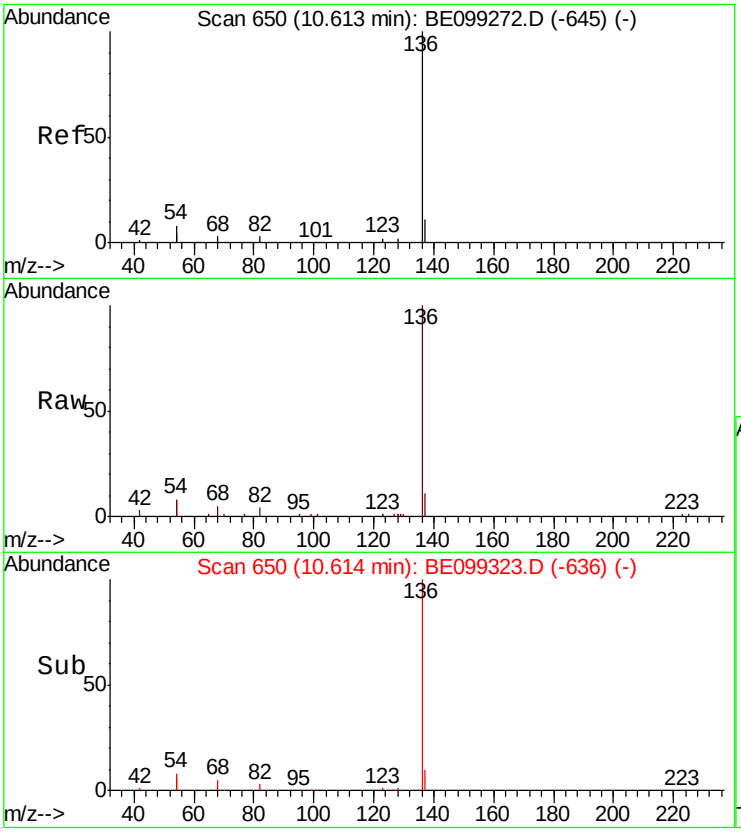


#6
bis(2-Chloroethyl)ether
Concen: 0.222 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 93 Resp: 3550

Ion	Ratio	Lower	Upper
93	100		
63	293.2	221.4	332.0
95	34.3	25.8	38.8



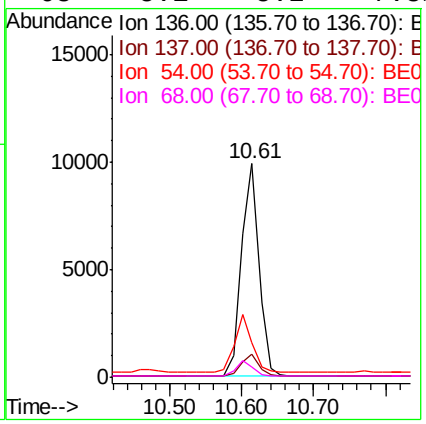


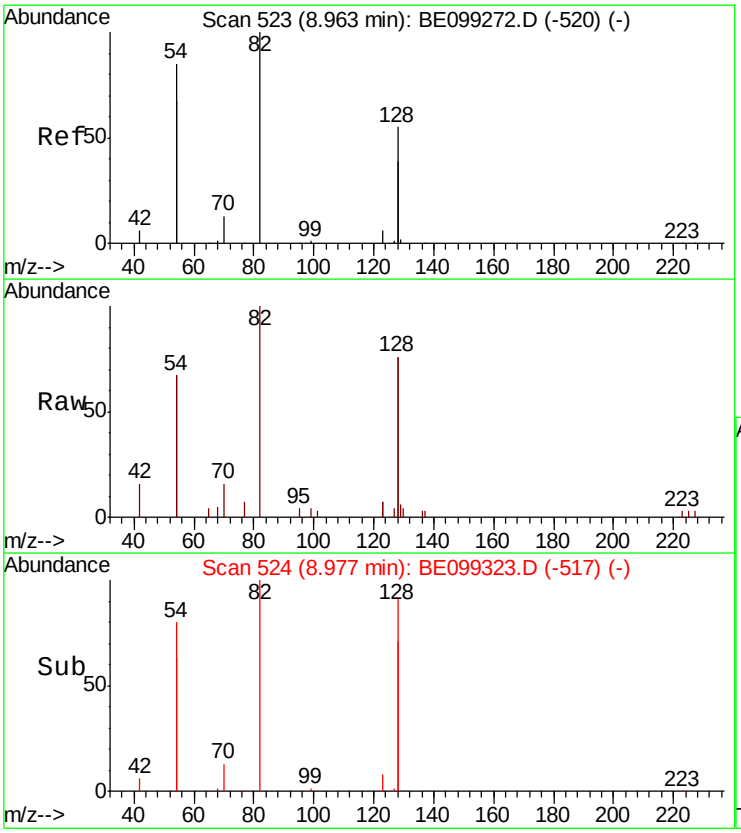
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:136 Resp: 16678

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	16.0	18.7	28.1#
68	5.1	5.2	7.8#

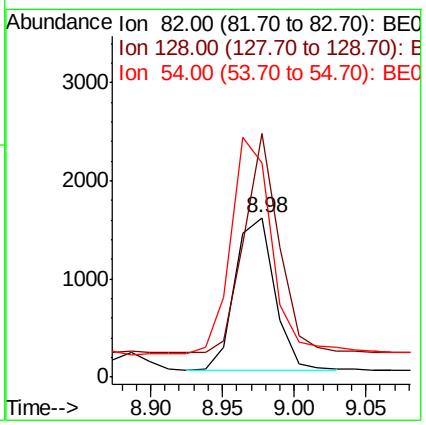


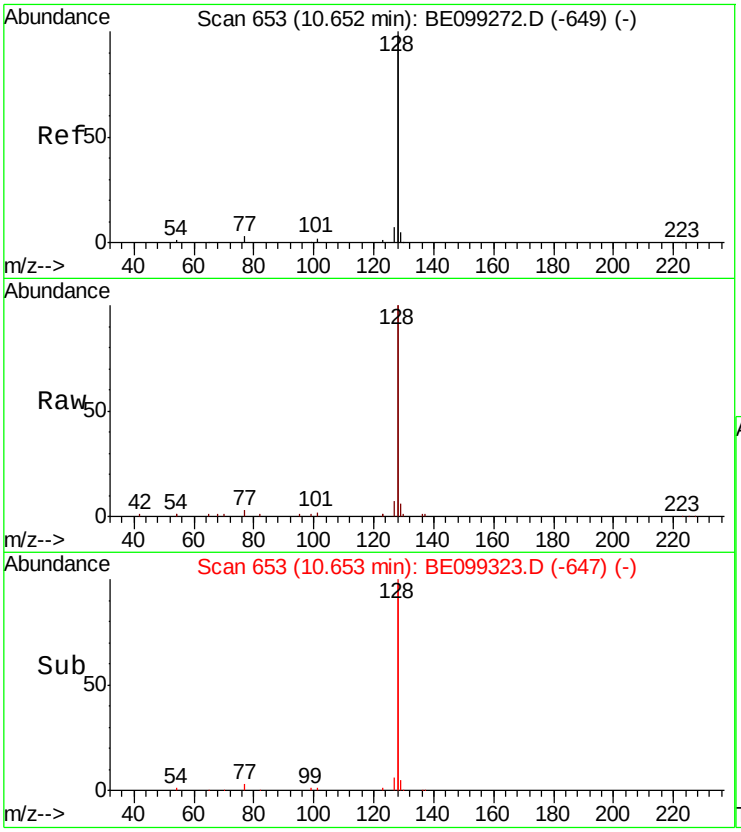


#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion: 82 Resp: 2967

Ion	Ratio	Lower	Upper
82	100		
128	152.8	107.5	161.3
54	134.3	106.3	159.5



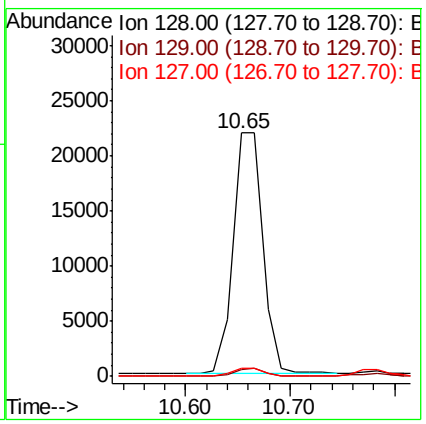


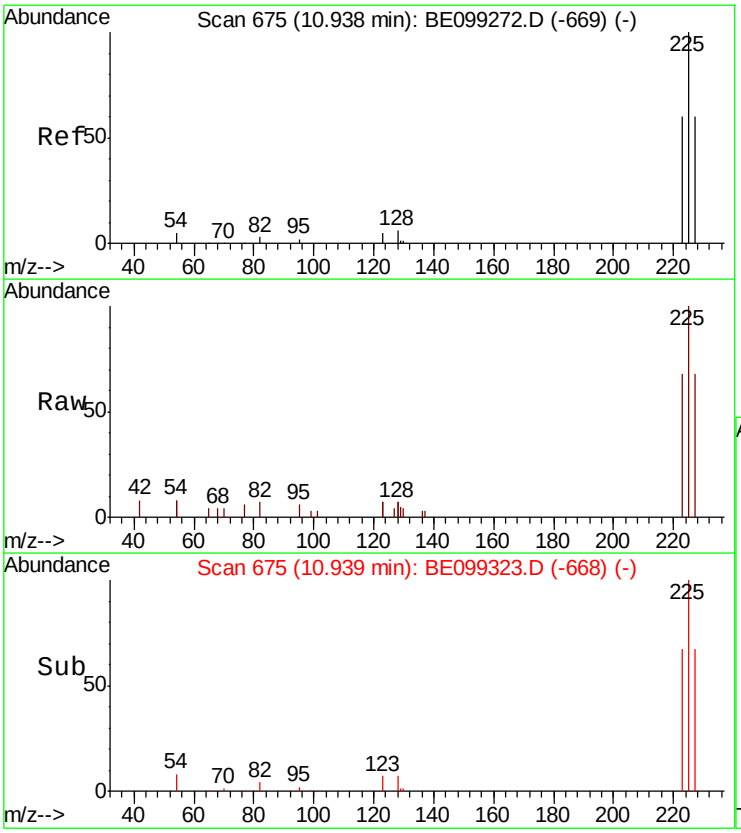
#9
Naphthalene
Concen: 0.239 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:128 Resp: 43264

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.5	2.6	3.8

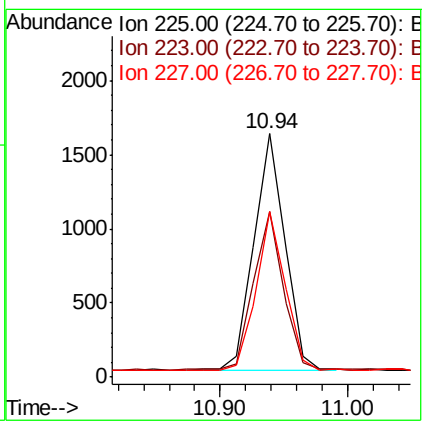


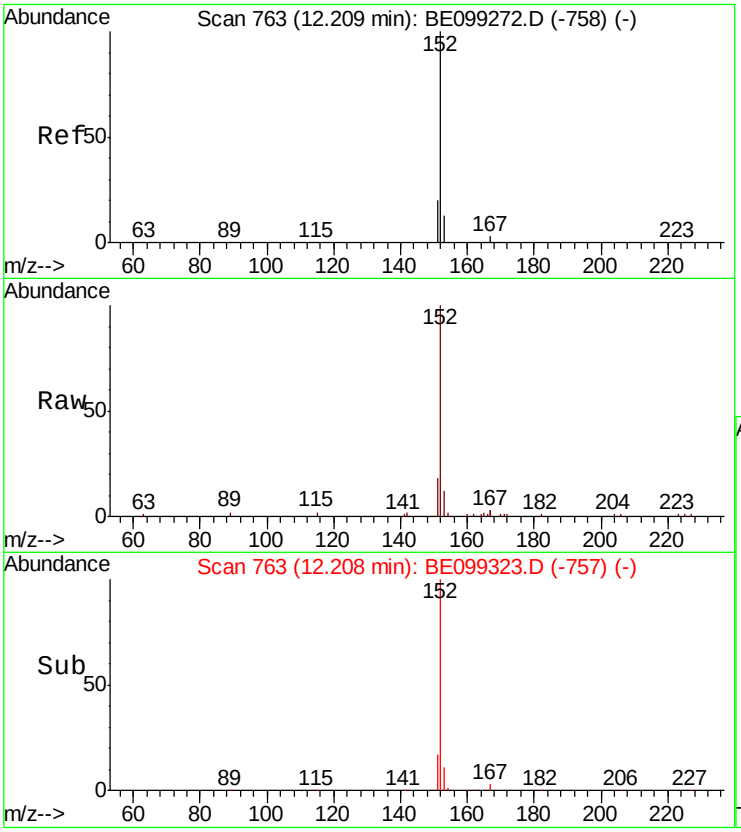


#10
Hexachlorobutadiene
Concen: 0.229 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:225 Resp: 2695

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.3	76.9
227	62.6	48.6	73.0



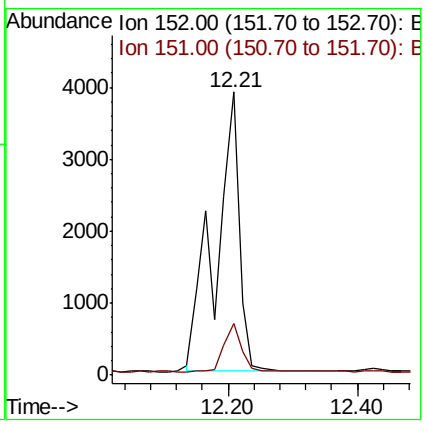


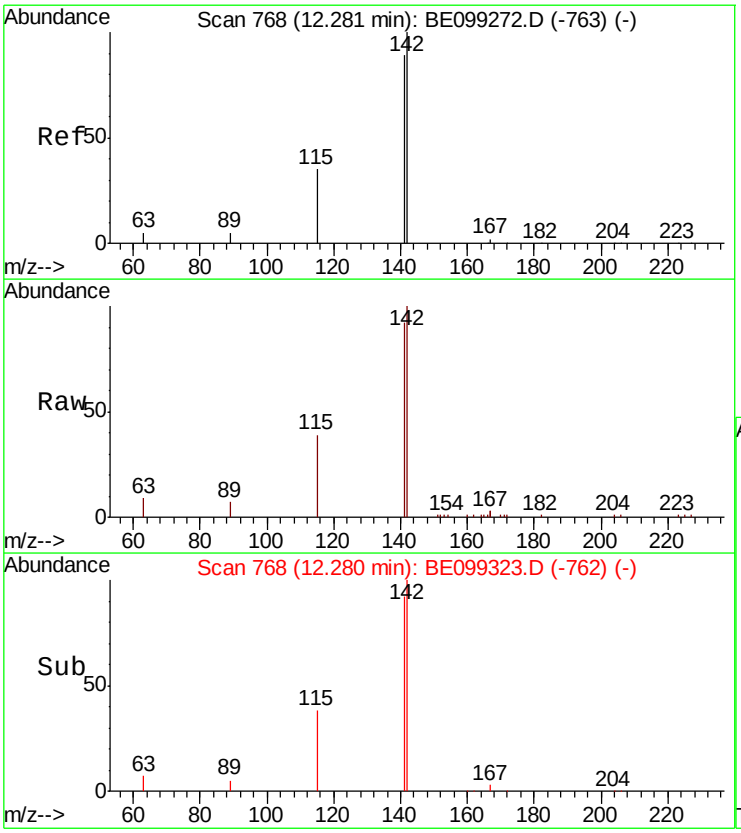
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:152 Resp: 9942

Ion	Ratio	Lower	Upper
152	100		
151	12.2	15.0	22.6#

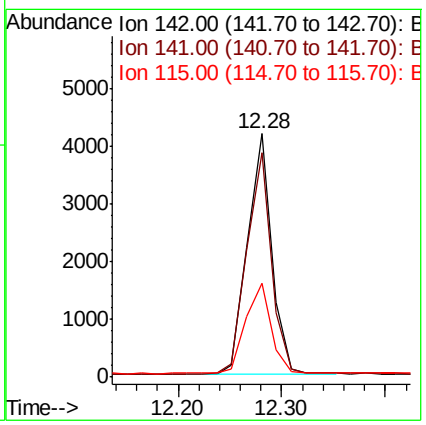


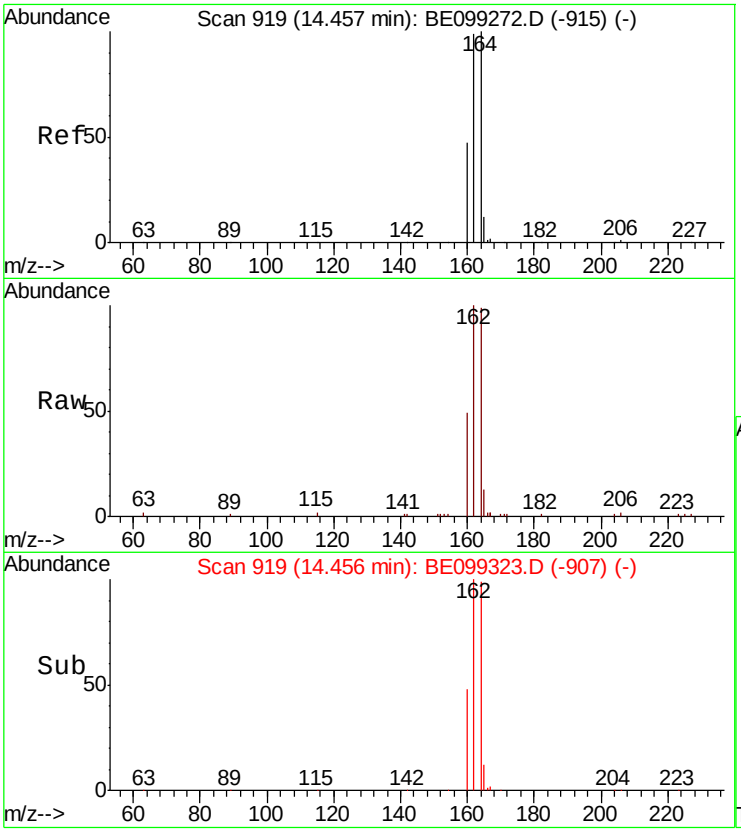


#12
2-Methylnaphthalene
Concen: 0.220 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:142 Resp: 6788

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.3	106.9
115	38.8	30.4	45.6



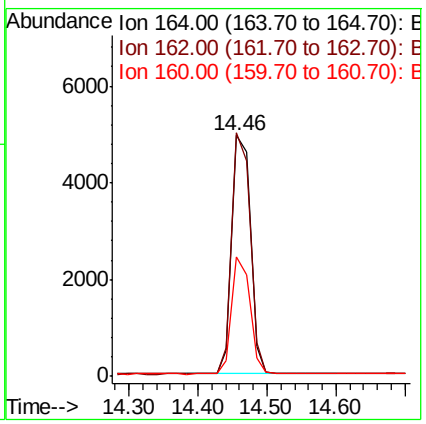


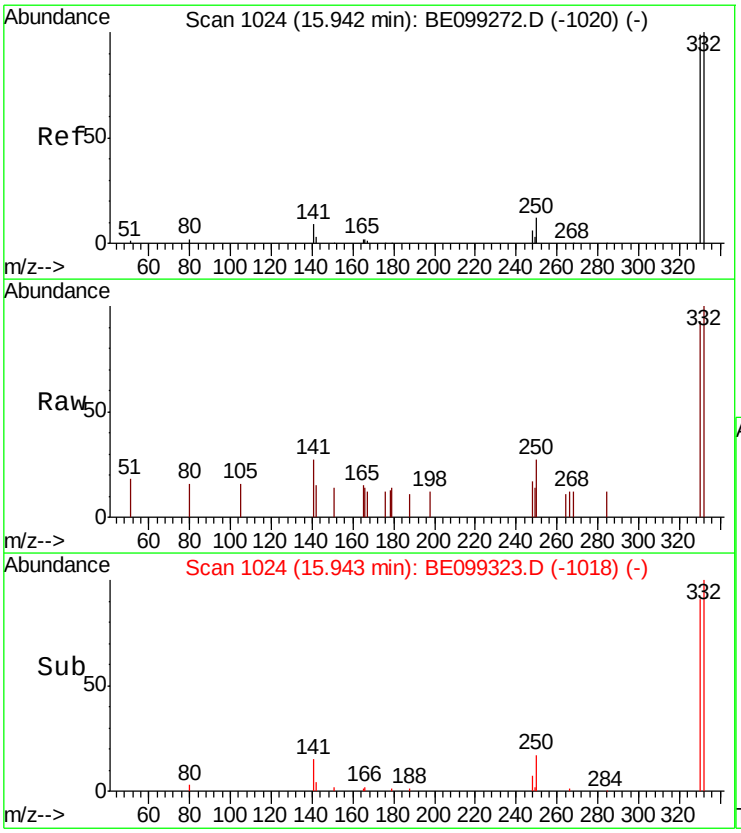
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:164 Resp: 9210

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.2	118.8
160	49.5	36.7	55.1

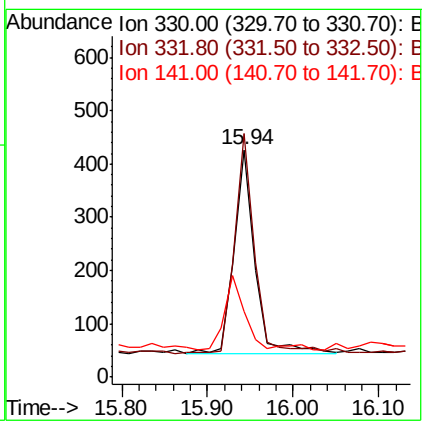


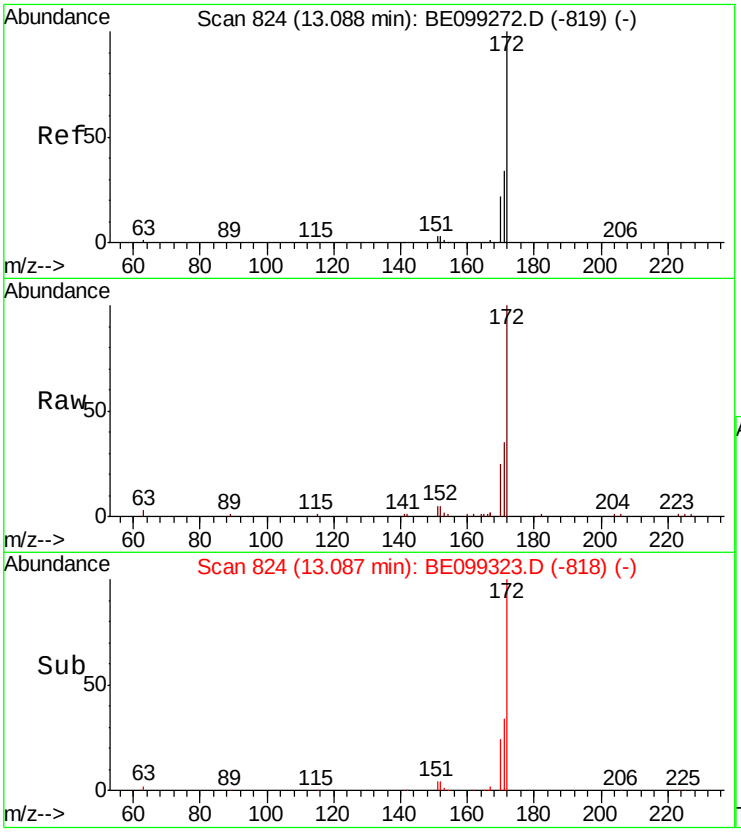


#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:330 Resp: 642

Ion	Ratio	Lower	Upper
330	100		
332	103.3	71.3	106.9
141	35.2	21.7	32.5#



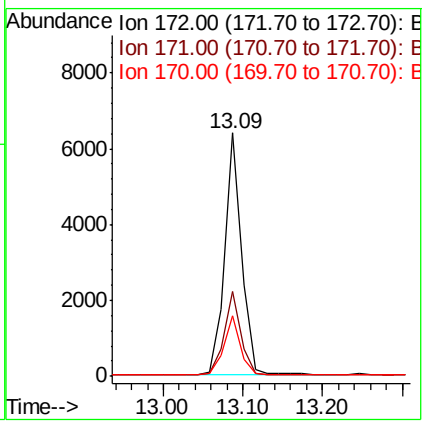


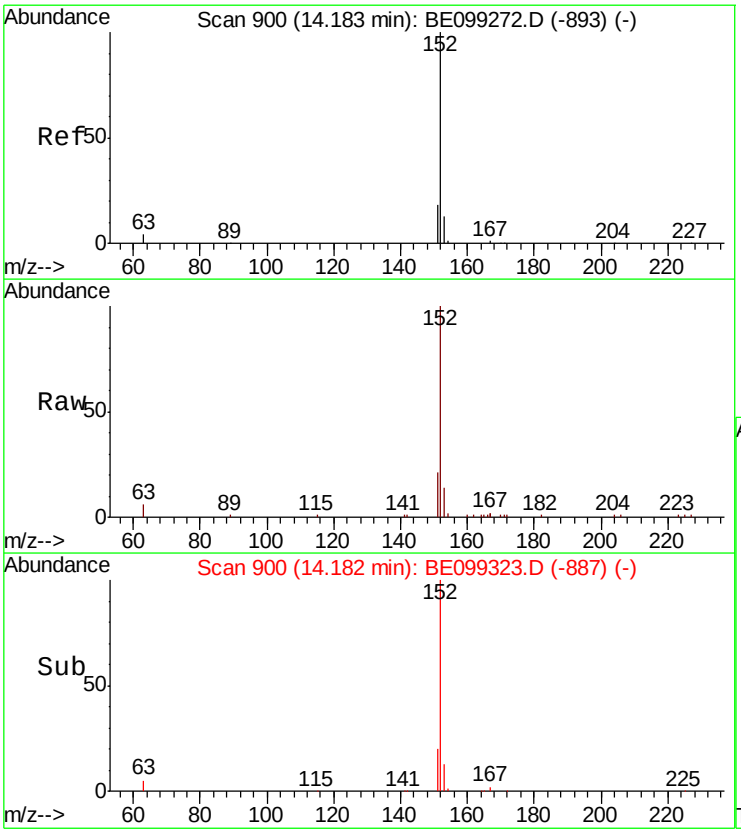
#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:172 Resp: 9278

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	24.8	19.1	28.7

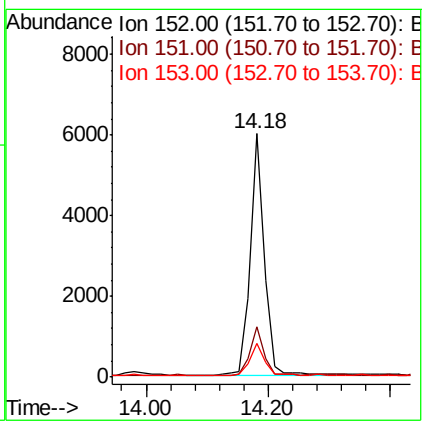


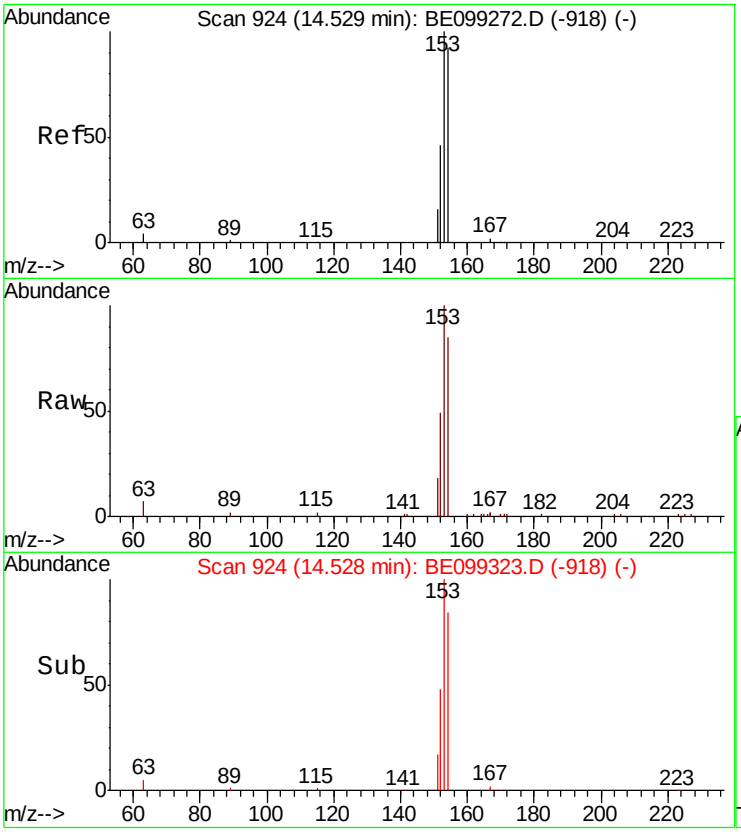


#16
Acenaphthylene
Concen: 0.214 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:152 Resp: 9356

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.6	10.6	15.8



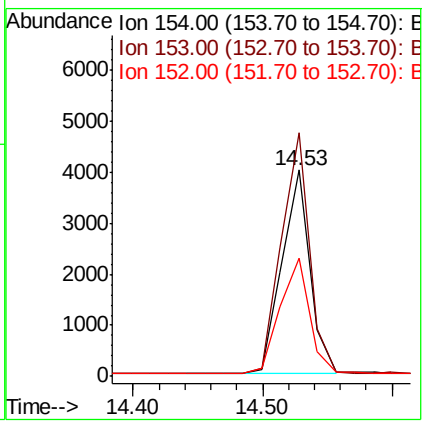


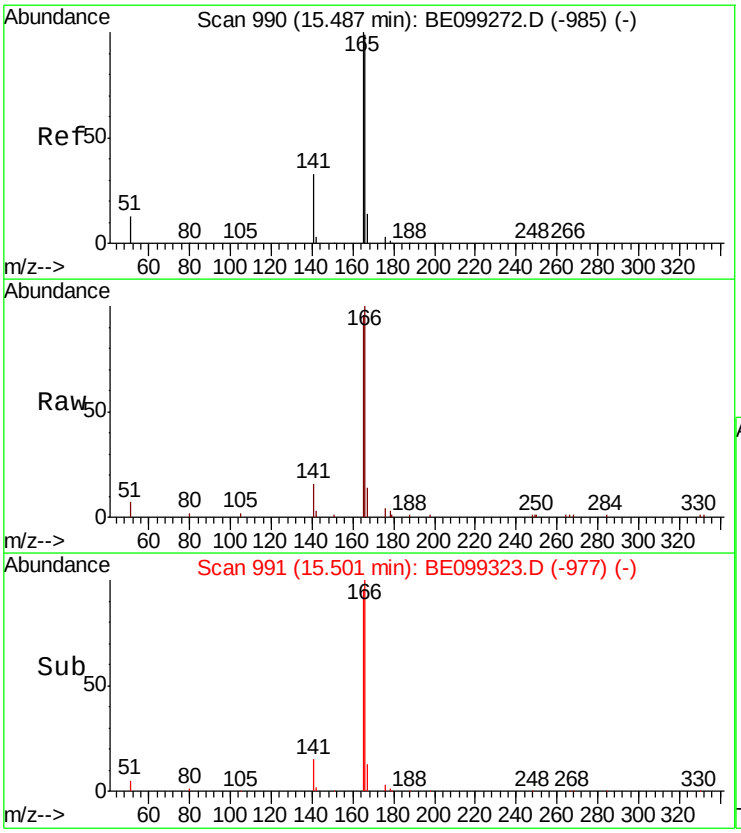
#17
Acenaphthene
Concen: 0.234 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:154 Resp: 6016

Ion	Ratio	Lower	Upper
154	100		
153	118.0	93.4	140.0
152	59.1	46.6	69.8

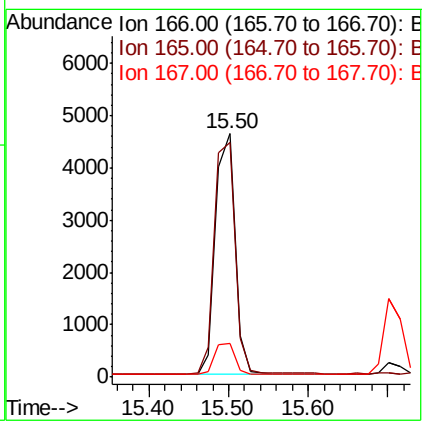


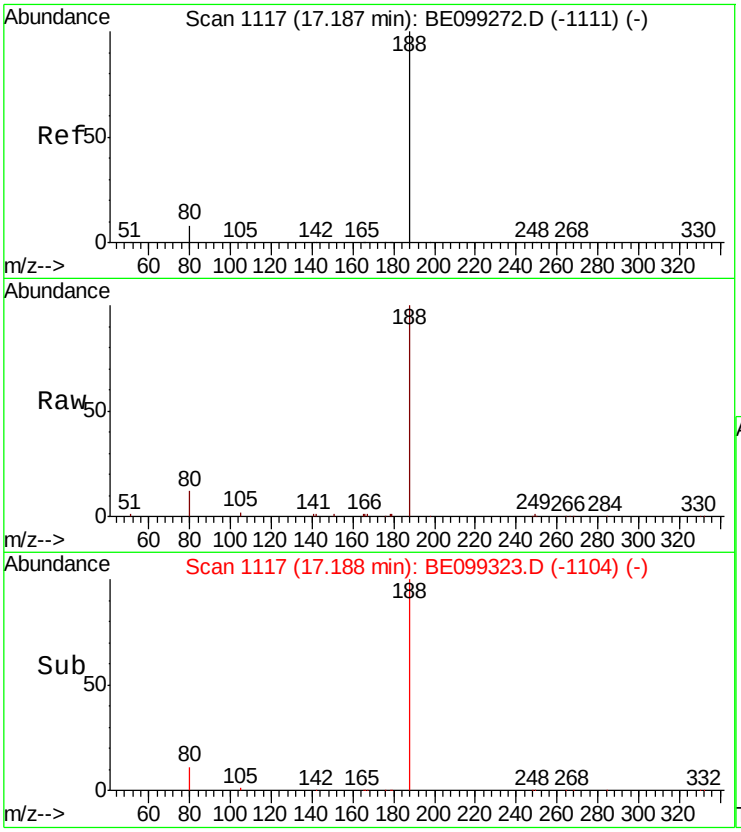


#18
Fluorene
Concen: 0.212 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:166 Resp: 7888

Ion	Ratio	Lower	Upper
166	100		
165	103.6	78.9	118.3
167	13.7	10.9	16.3



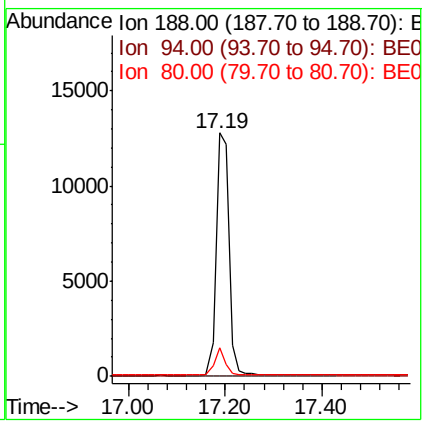


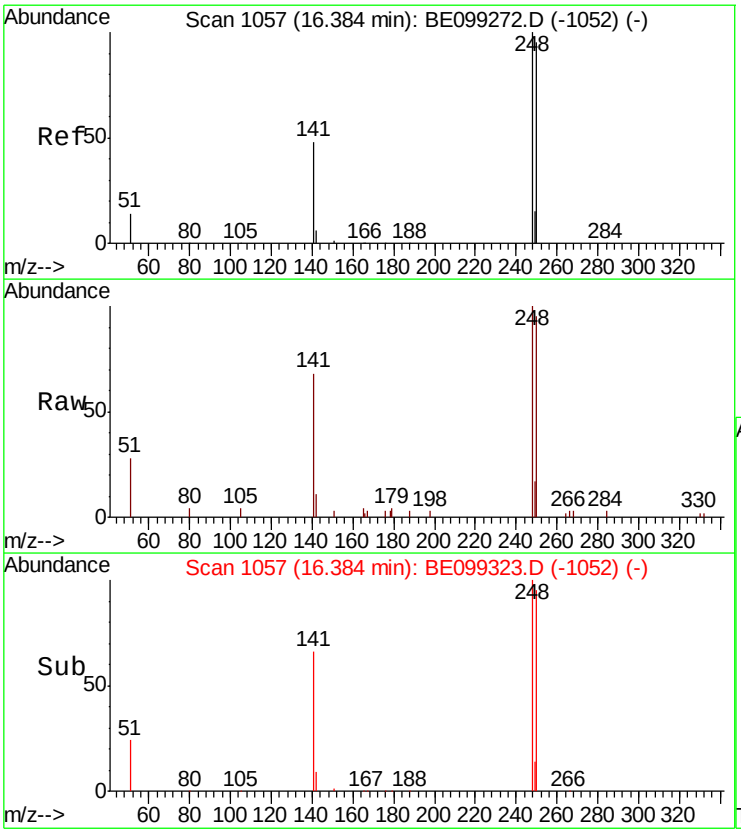
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:188 Resp: 23361

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	4.5	6.7#

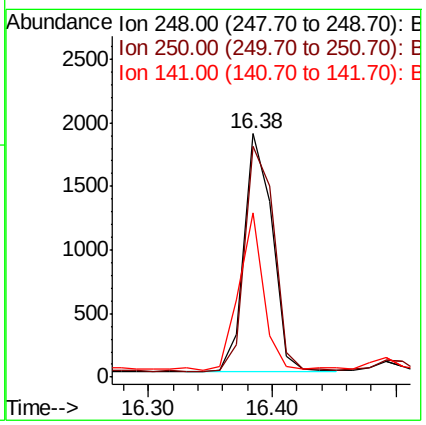


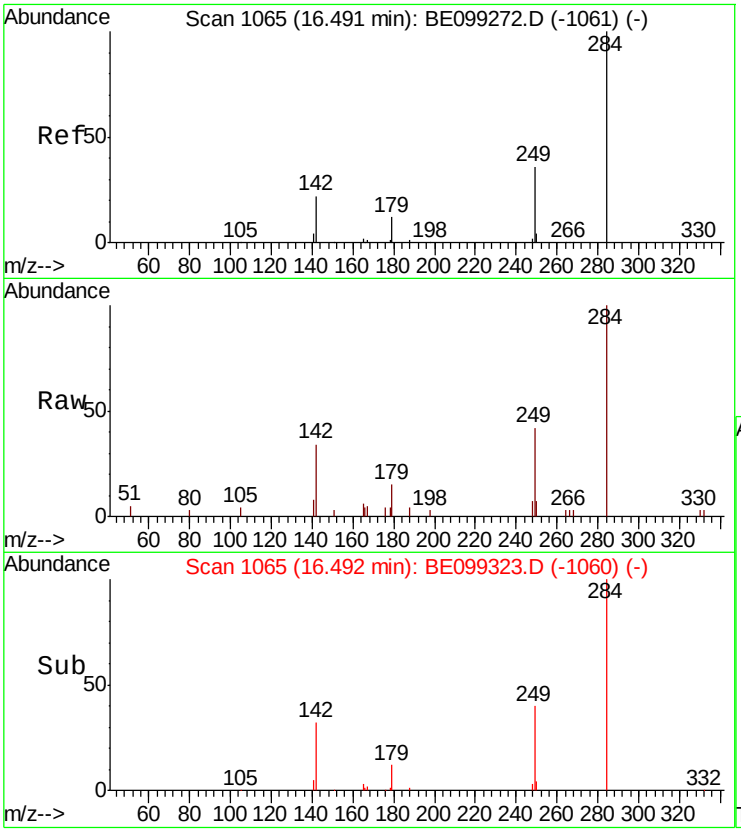


#20
4-Bromophenyl-phenylether
Concen: 0.222 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:248 Resp: 2941

Ion	Ratio	Lower	Upper
248	100		
250	95.0	84.2	126.2
141	67.6	21.8	32.6#



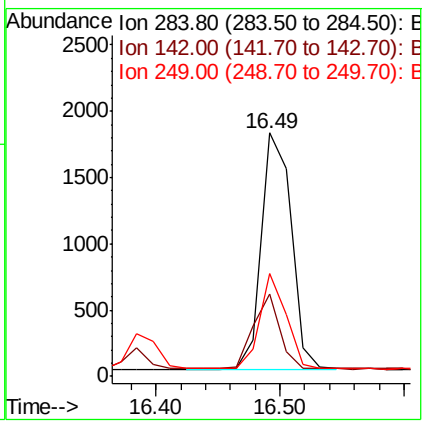


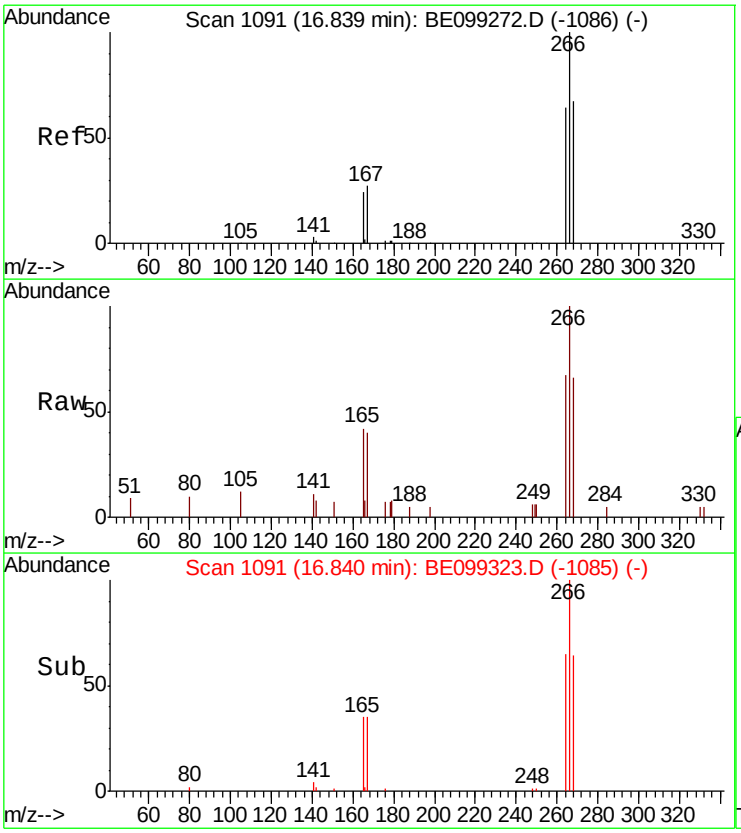
#21
Hexachlorobenzene
Concen: 0.237 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:284 Resp: 2993

Ion	Ratio	Lower	Upper
284	100		
142	27.9	22.7	34.1
249	34.5	26.9	40.3

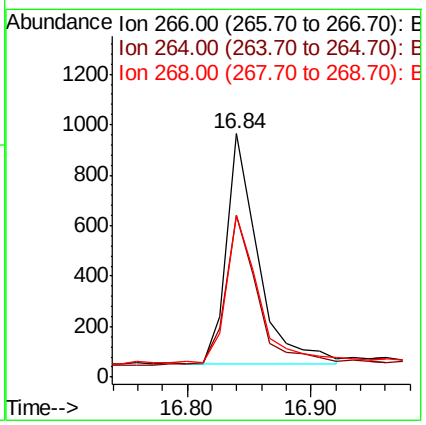


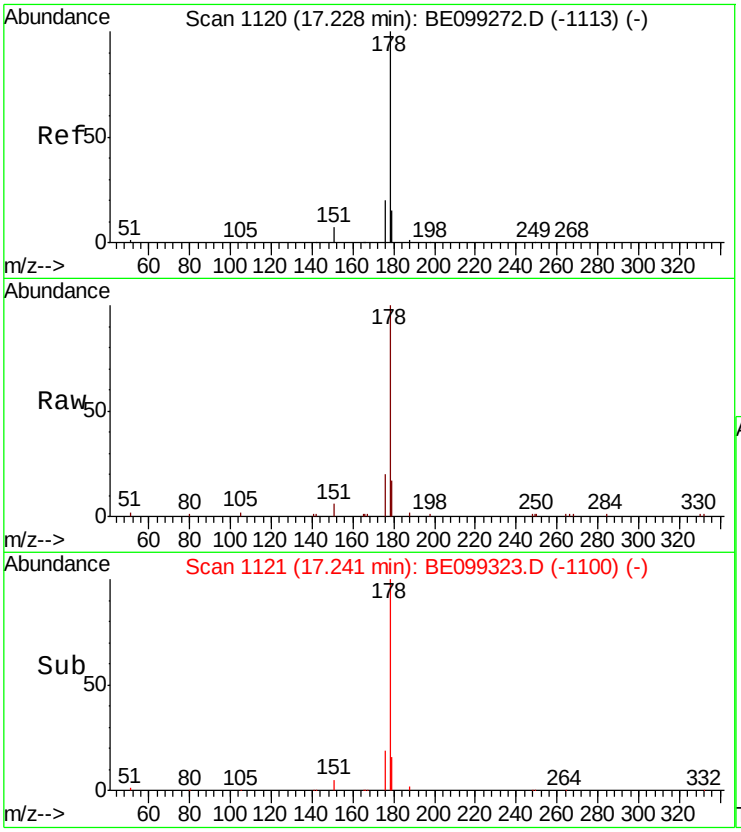


#22
Pentachlorophenol
Concen: 0.311 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:266 Resp: 1630

Ion	Ratio	Lower	Upper
266	100		
264	66.6	54.4	81.6
268	66.2	61.3	91.9



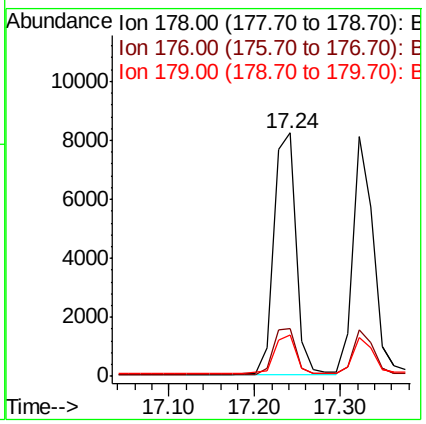


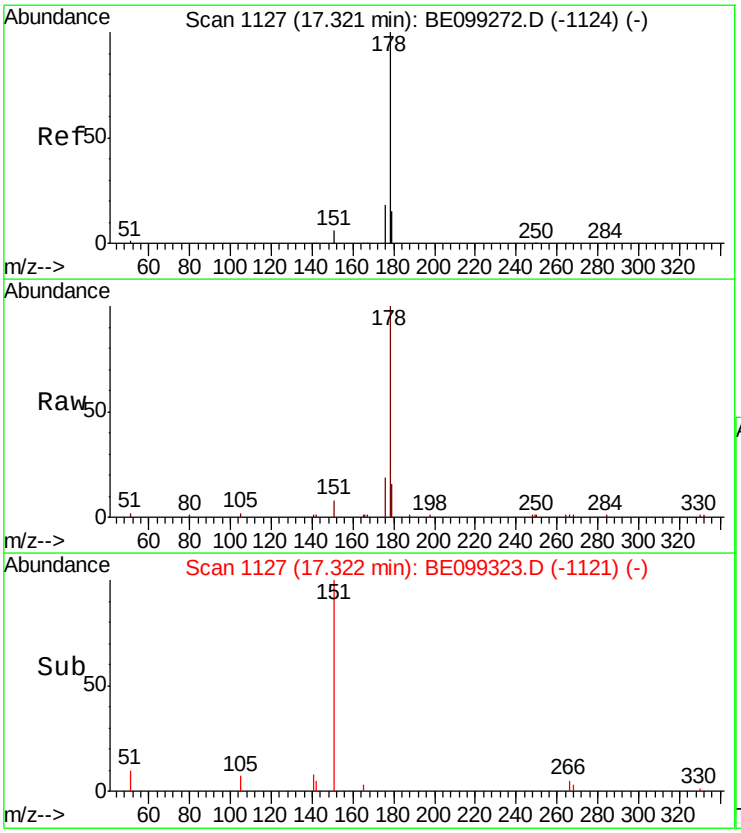
#23
Phenanthrene
Concen: 0.242 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:178 Resp: 14606

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.0	12.3	18.5

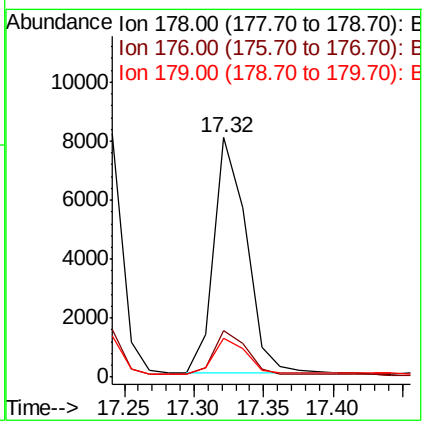


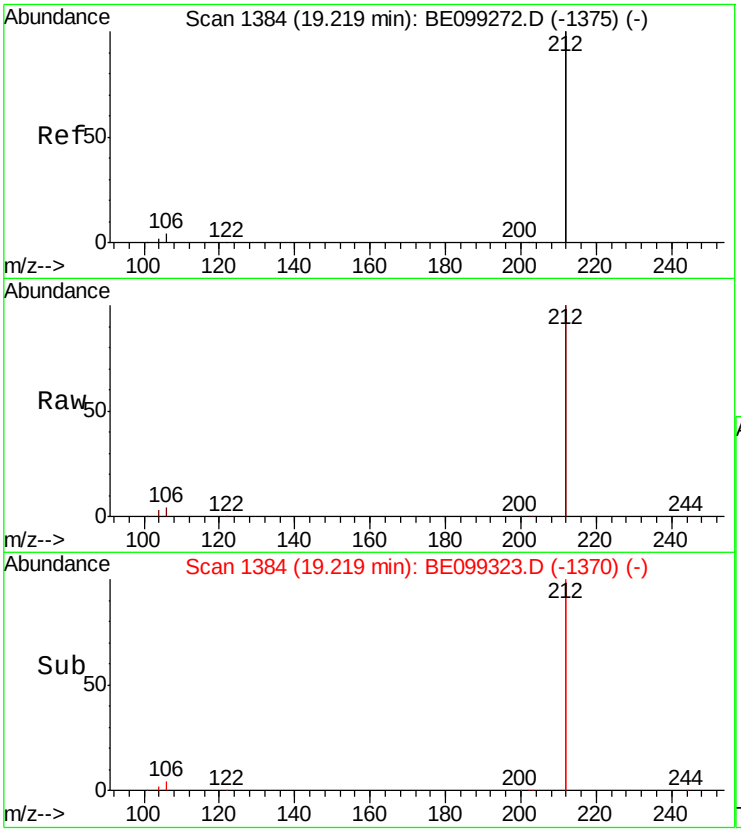


#24
Anthracene
Concen: 0.227 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:178 Resp: 12936

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.5	12.4	18.6



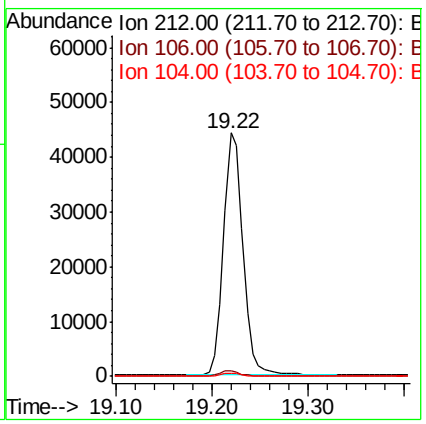


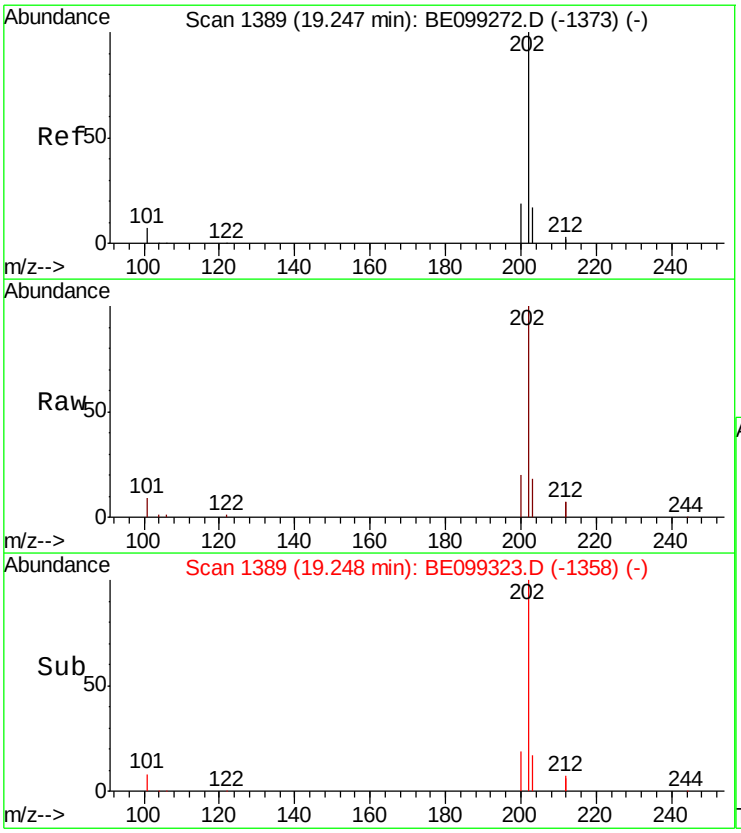
#25
Fluoranthene-d10
Concen: 0.204 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:212 Resp: 62798

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7

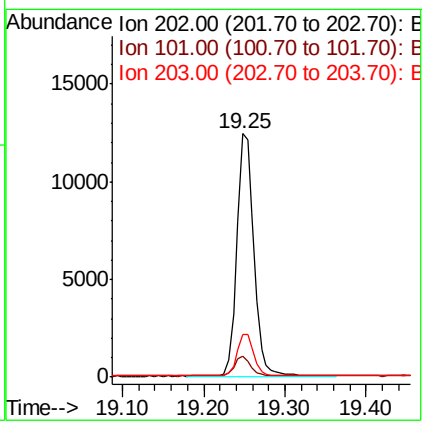


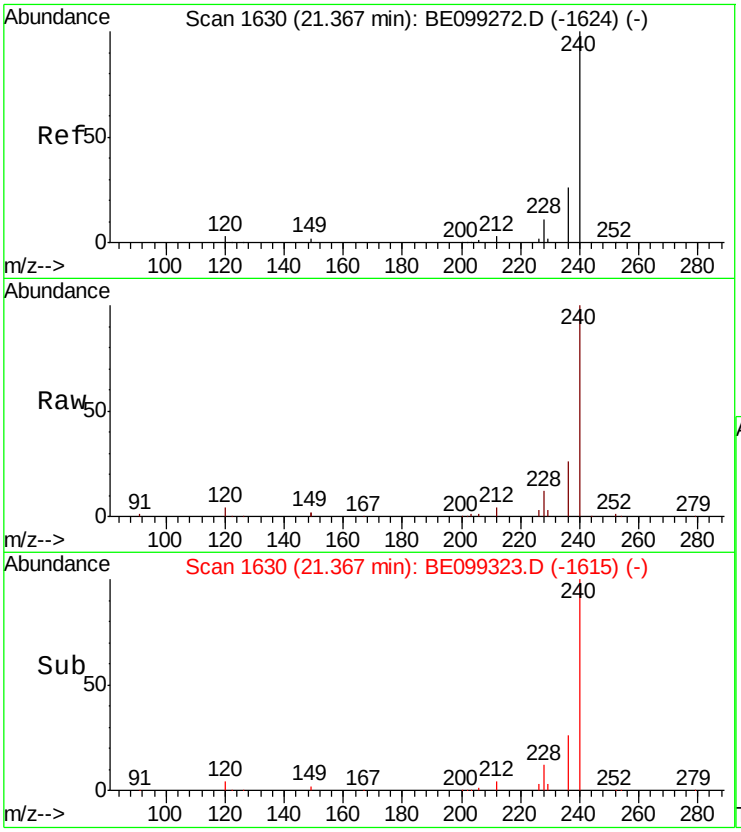


#26
Fluoranthene
Concen: 0.201 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:202 Resp: 17961

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.0	10.4
203	16.8	13.8	20.6



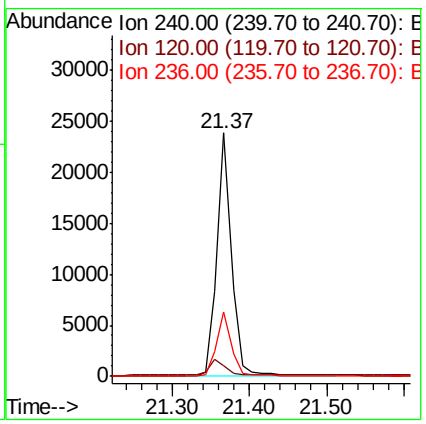


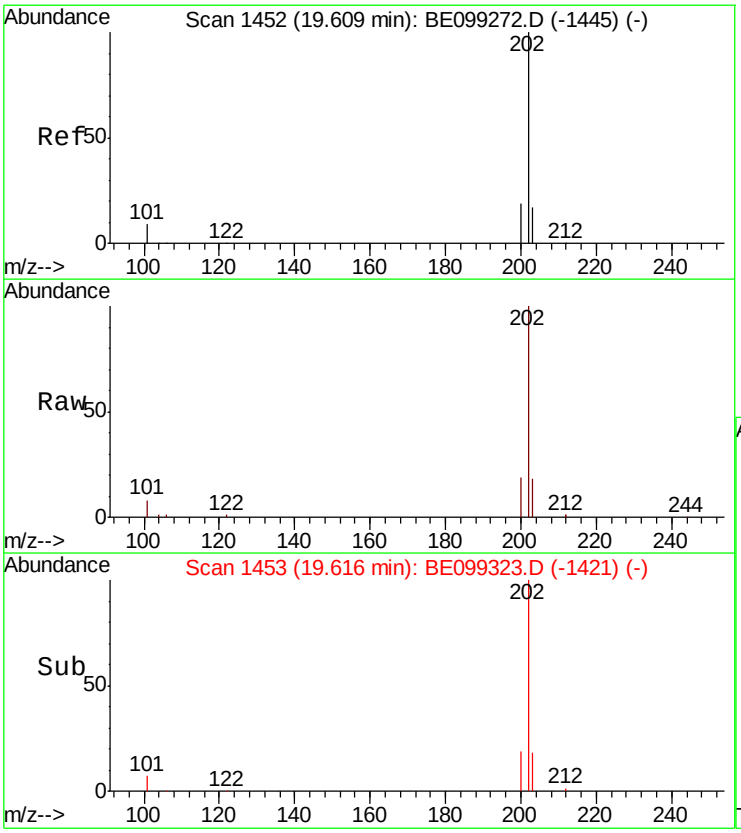
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:240 Resp: 31233

Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.6	3.8#
236	26.4	20.9	31.3

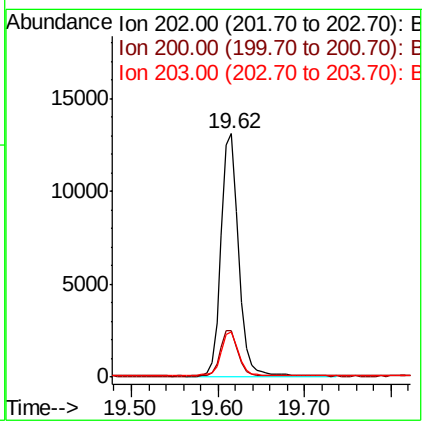


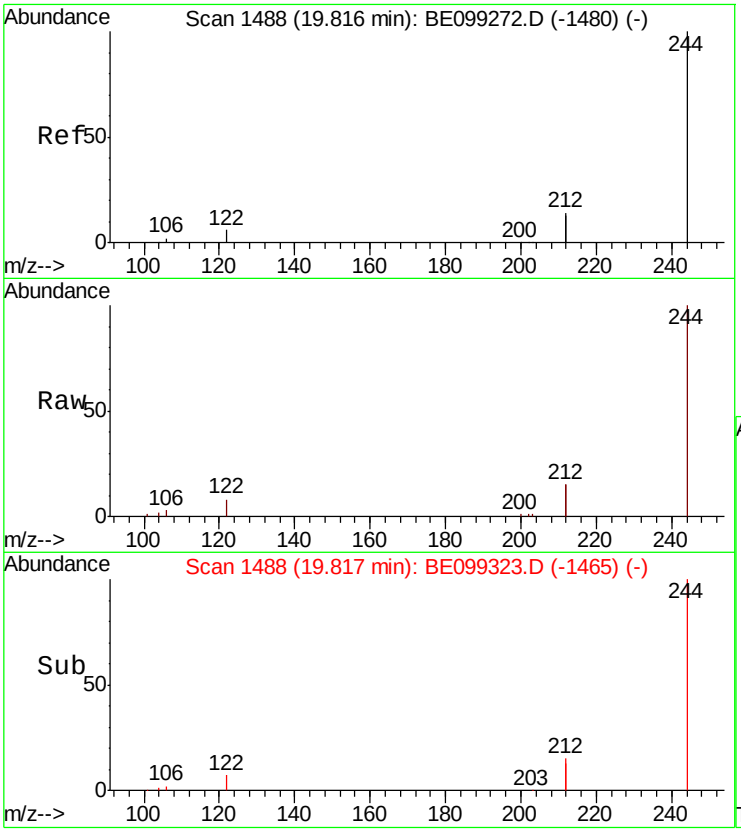


#28
Pyrene
Concen: 0.223 ng
RT: 19.62 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:202 Resp: 18410

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.8	23.8
203	18.5	14.1	21.1



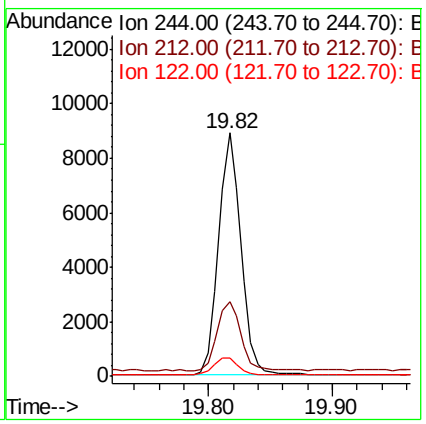


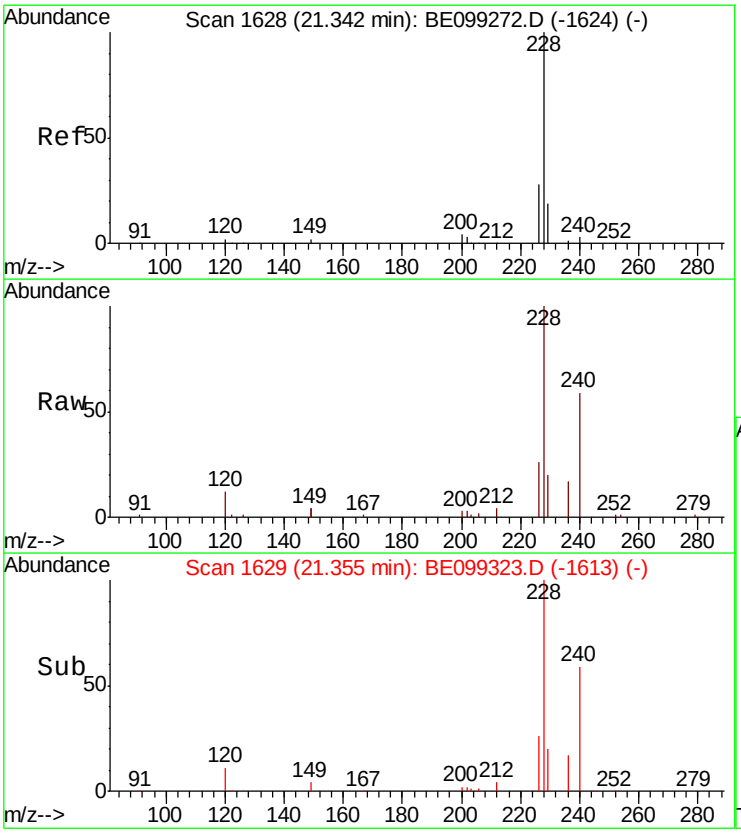
#29
Terphenyl-d14
Concen: 0.195 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:244 Resp: 11132

Ion	Ratio	Lower	Upper
244	100		
212	30.7	22.7	34.1
122	7.6	5.8	8.6

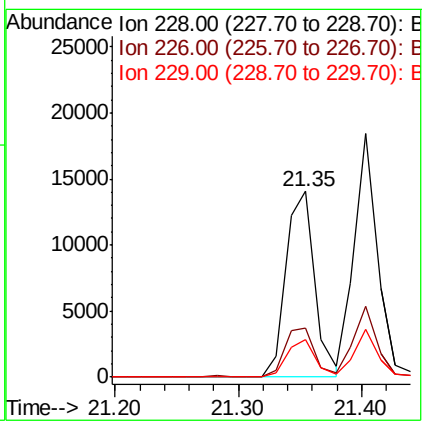


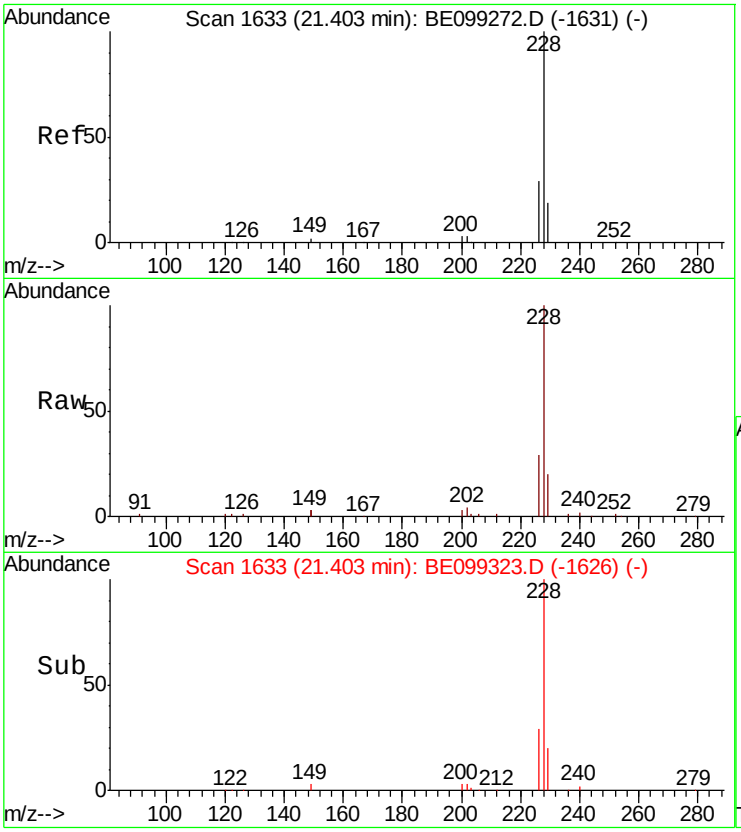


#30
Benzo(a)anthracene
Concen: 0.231 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:228 Resp: 22755

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	20.2	15.9	23.9



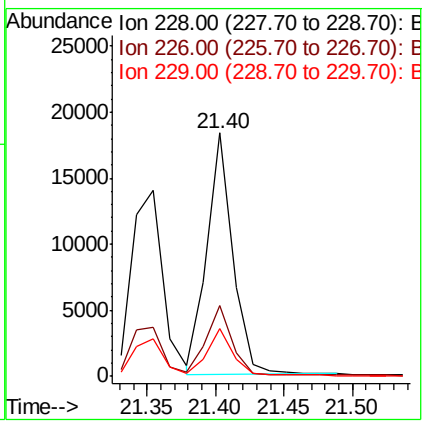


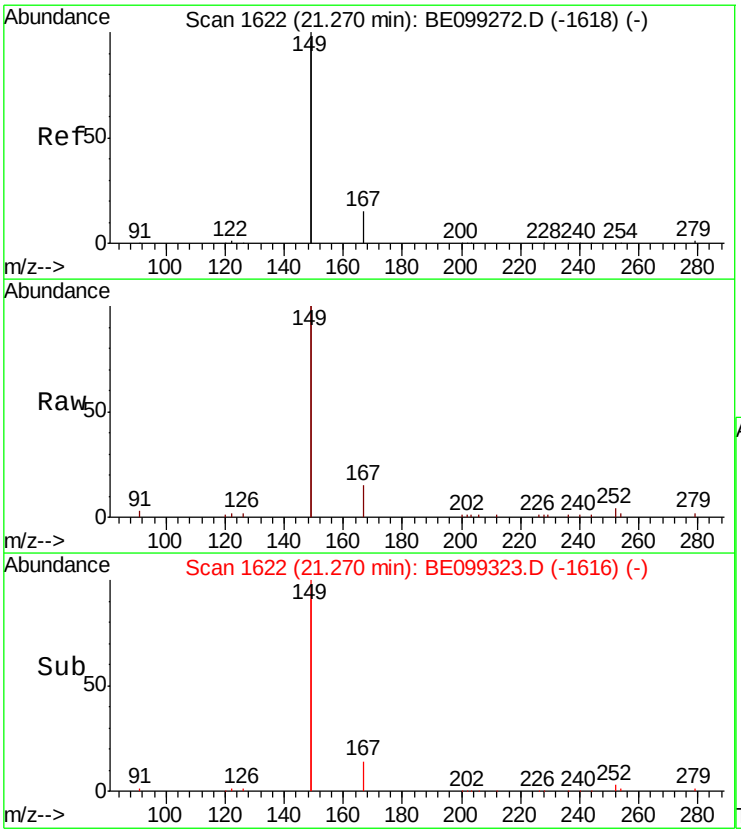
#31
Chrysene
Concen: 0.248 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:228 Resp: 23958

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.8	37.2
229	19.8	15.4	23.0

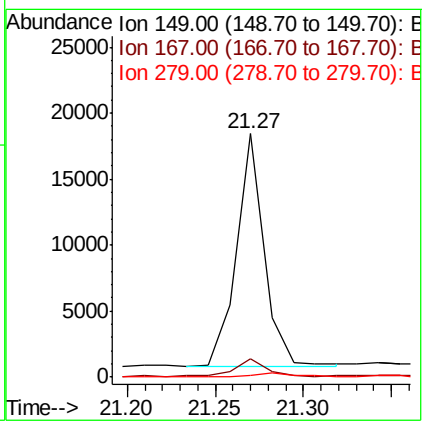


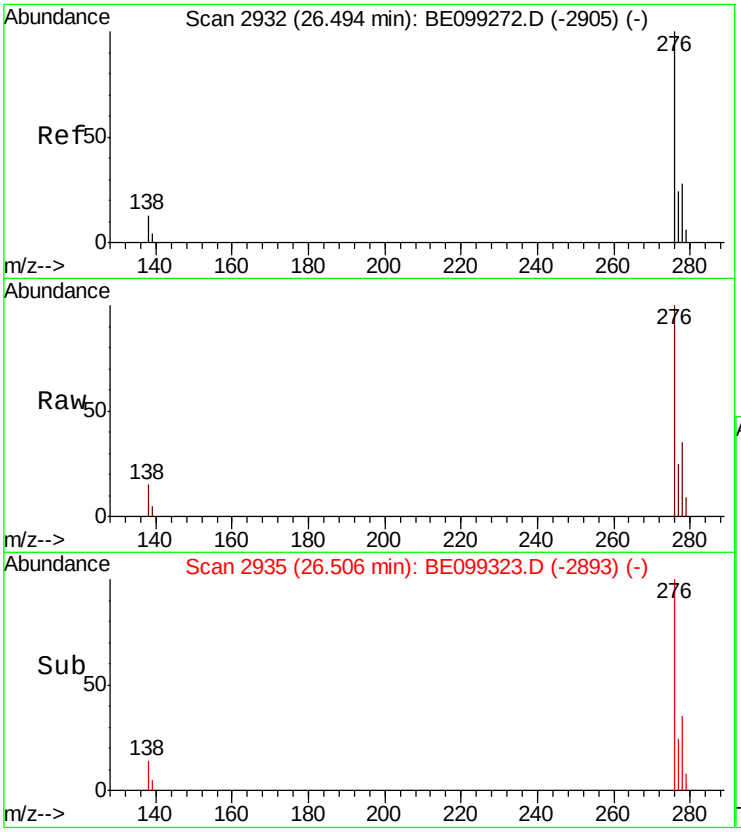


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:149 Resp: 19420

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.9	8.9
279	1.4	1.0	1.6



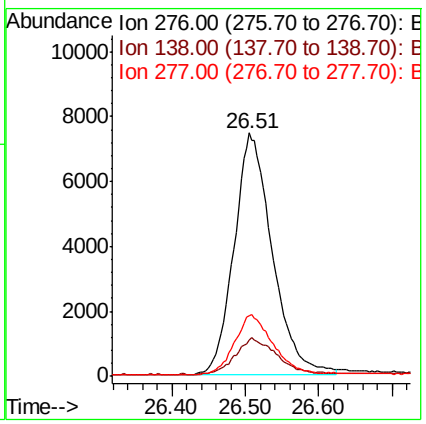


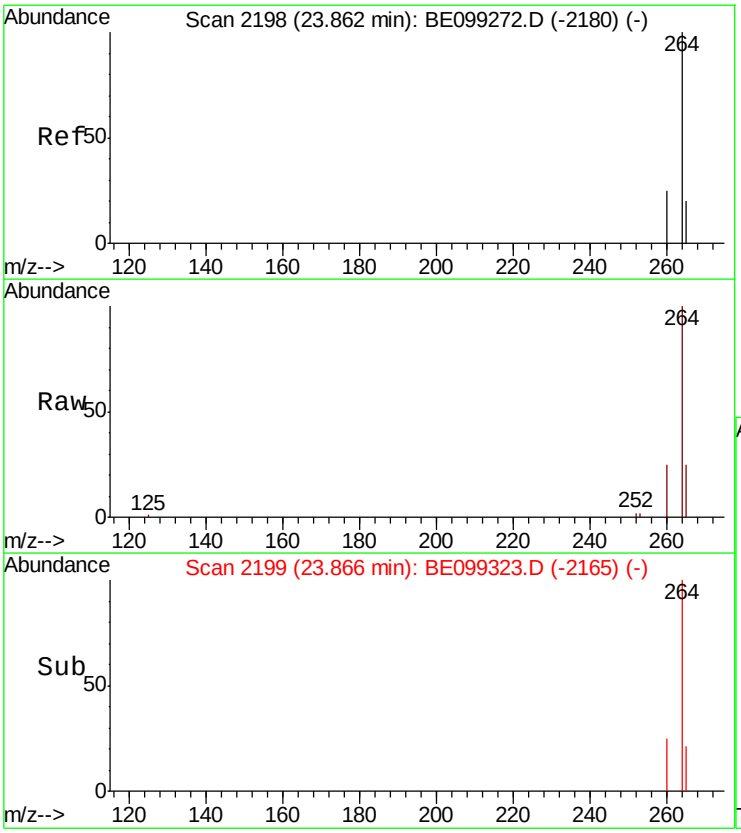
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.243 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.05 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:276 Resp: 26743

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.9	19.3
277	24.6	18.3	27.5

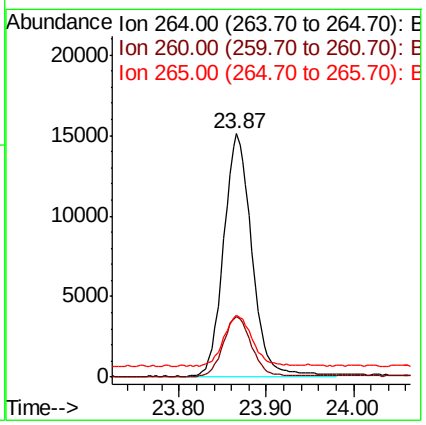


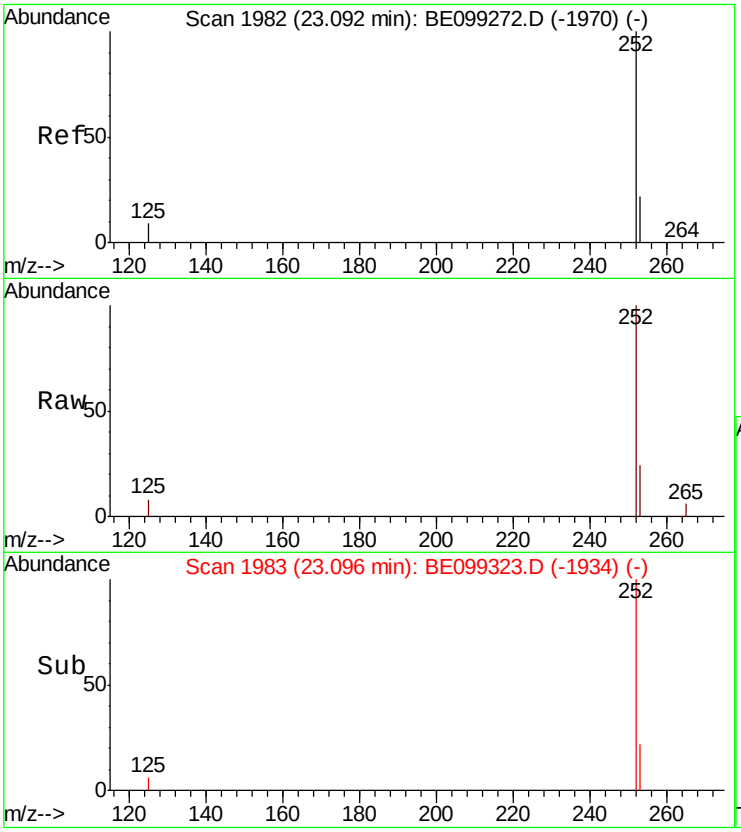


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:264 Resp: 33640

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.2
265	25.4	21.8	32.8



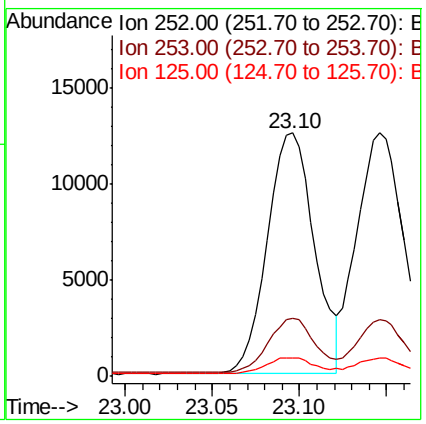


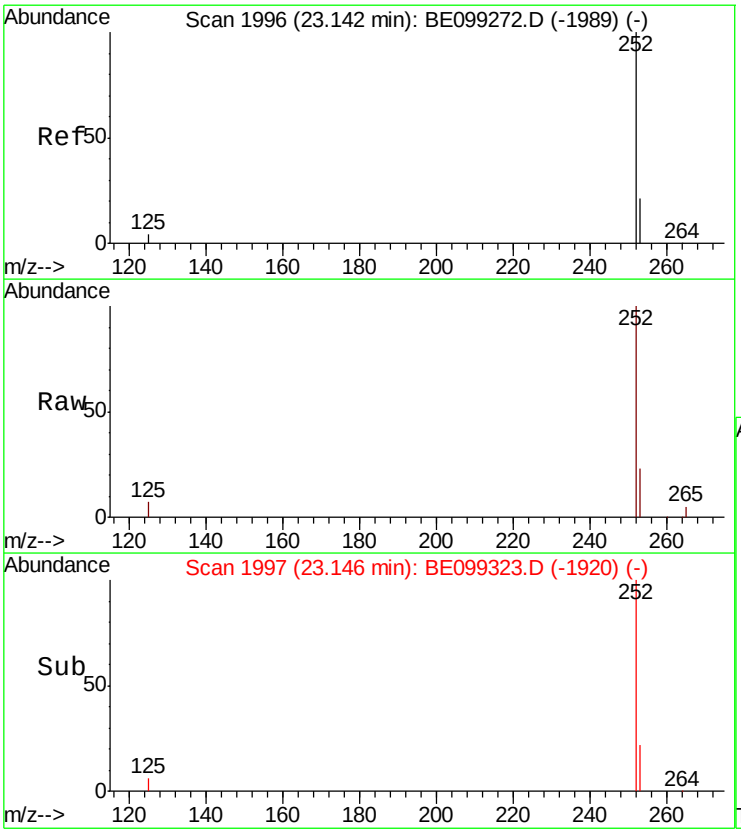
#35
Benzo(b)fluoranthene
Concen: 0.235 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:252 Resp: 23556

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	7.6	6.1	9.1

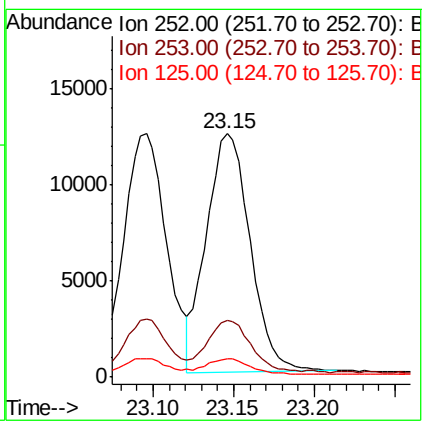


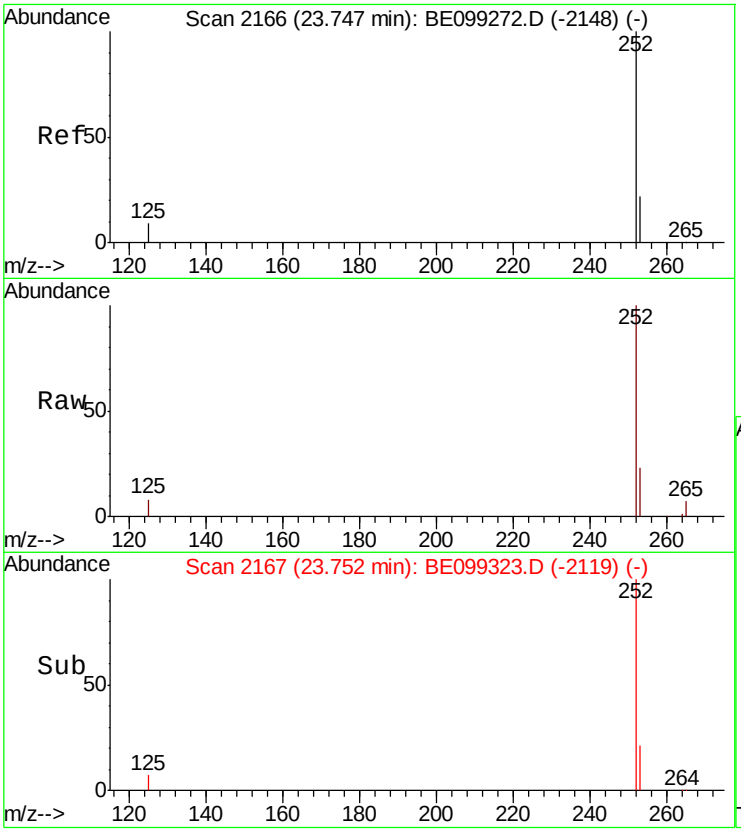


#36
Benzo(k)fluoranthene
Concen: 0.240 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:252 Resp: 23486

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	7.5	5.9	8.9



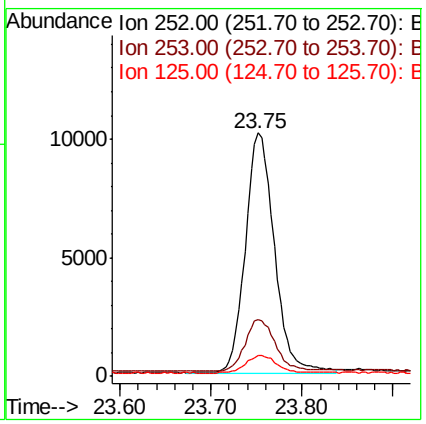


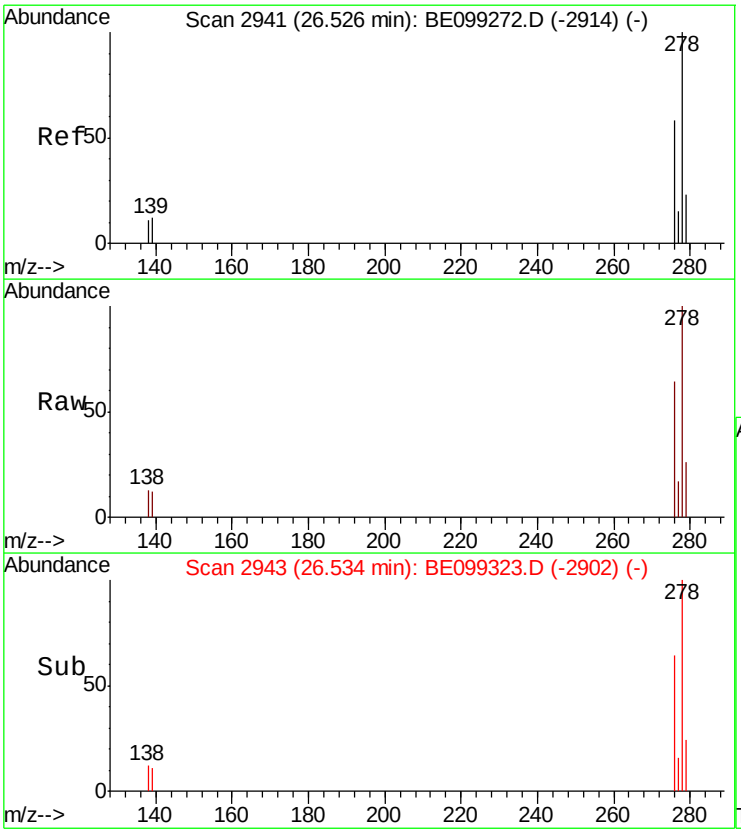
#37
Benzo(a)pyrene
Concen: 0.236 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:252 Resp: 22287

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	8.3	6.8	10.2

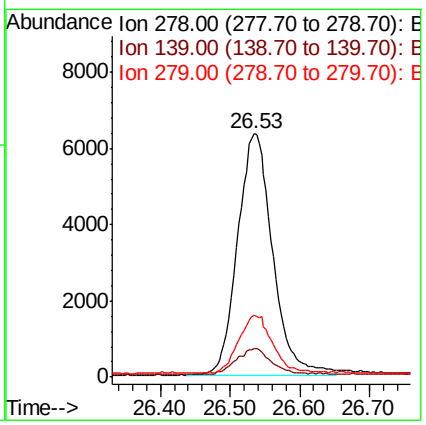


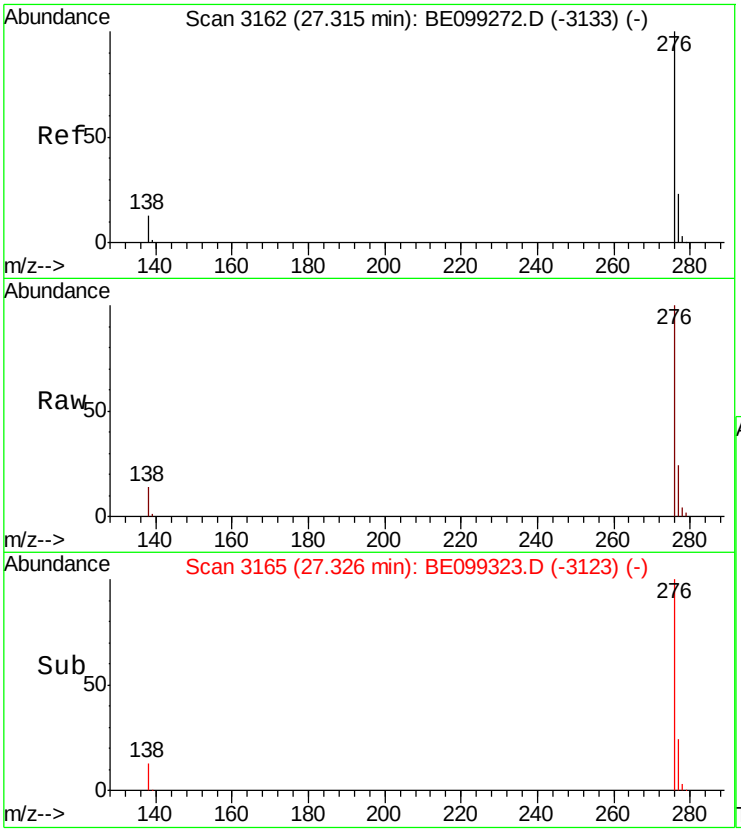


#38
Dibenzo(a,h)anthracene
Concen: 0.236 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.05 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Tgt Ion:278 Resp: 22151

Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.5	14.3
279	25.6	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.251 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.05 min
Lab File: BE099323.D
Acq: 15 Apr 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB118846BS

Tgt Ion:276 Resp: 23483

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	14.0	11.1	16.7