Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099108.D
Acq On : 23 Mar 2019 12:37
Operator : JU/SJ
Sample : PB118173BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118173BS

Quant Time: Mar 23 22:35:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4431	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	16364	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	9742	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23799	0.40	ng		0.00
27) Chrysene-d12	21.39	240	31629	0.40	ng		0.00
34) Perylene-d12	23.90	264	35994	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	4695	0.36	ng		0.01
5) Phenol-d6	6.99	99	6218	0.33	ng		0.00
8) Nitrobenzene-d5	8.99	82	3915	0.55	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	14122	0.48	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	1176	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	14201	0.37	ng		-0.02
25) Fluoranthene-d10	19.24	212	90295	0.28	ng		0.00
29) Terphenyl-d14	19.83	244	18458	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1754	0.255	ng	#	70
3) n-Nitrosodimethylamine	3.67	42	1099	0.310	ng	#	91
6) bis(2-Chloroethyl)ether	7.26	93	5036	0.326	ng	#	84
9) Naphthalene	10.68	128	62075	0.322	ng		99
10) Hexachlorobutadiene	10.96	225	3134	0.332	ng		96
12) 2-Methylnaphthalene	12.29	142	10430	0.316	ng		96
16) Acenaphthylene	14.20	152	15351	0.295	ng		97
17) Acenaphthene	14.54	154	9399	0.305	ng		98
18) Fluorene	15.51	166	13001	0.289	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	4671	0.355	ng	#	65
21) Hexachlorobenzene	16.52	284	4255	0.348	ng		94
22) Pentachlorophenol	16.85	266	3010	0.852	ng	#	74
23) Phenanthrene	17.25	178	22262	0.315	ng		98
24) Anthracene	17.35	178	20174	0.302	ng		100
26) Fluoranthene	19.27	202	26688	0.268	ng		99
28) Pyrene	19.63	202	28426	0.265	ng		98
30) Benzo(a)anthracene	21.36	228	34635	0.311	ng		98
31) Chrysene	21.43	228	35851	0.322	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	39574	0.274	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	43433	0.363	ng		99
35) Benzo(b)fluoranthene	23.12	252	37668	0.303	ng		98
36) Benzo(k)fluoranthene	23.17	252	39393	0.323	ng		99
37) Benzo(a)pyrene	23.78	252	36382	0.316	ng		96
38) Dibenzo(a,h)anthracene	26.58	278	36013	0.322	ng		95
39) Benzo(g,h,i)perylene	27.37	276	37202	0.324	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099108.D
Acq On : 23 Mar 2019 12:37
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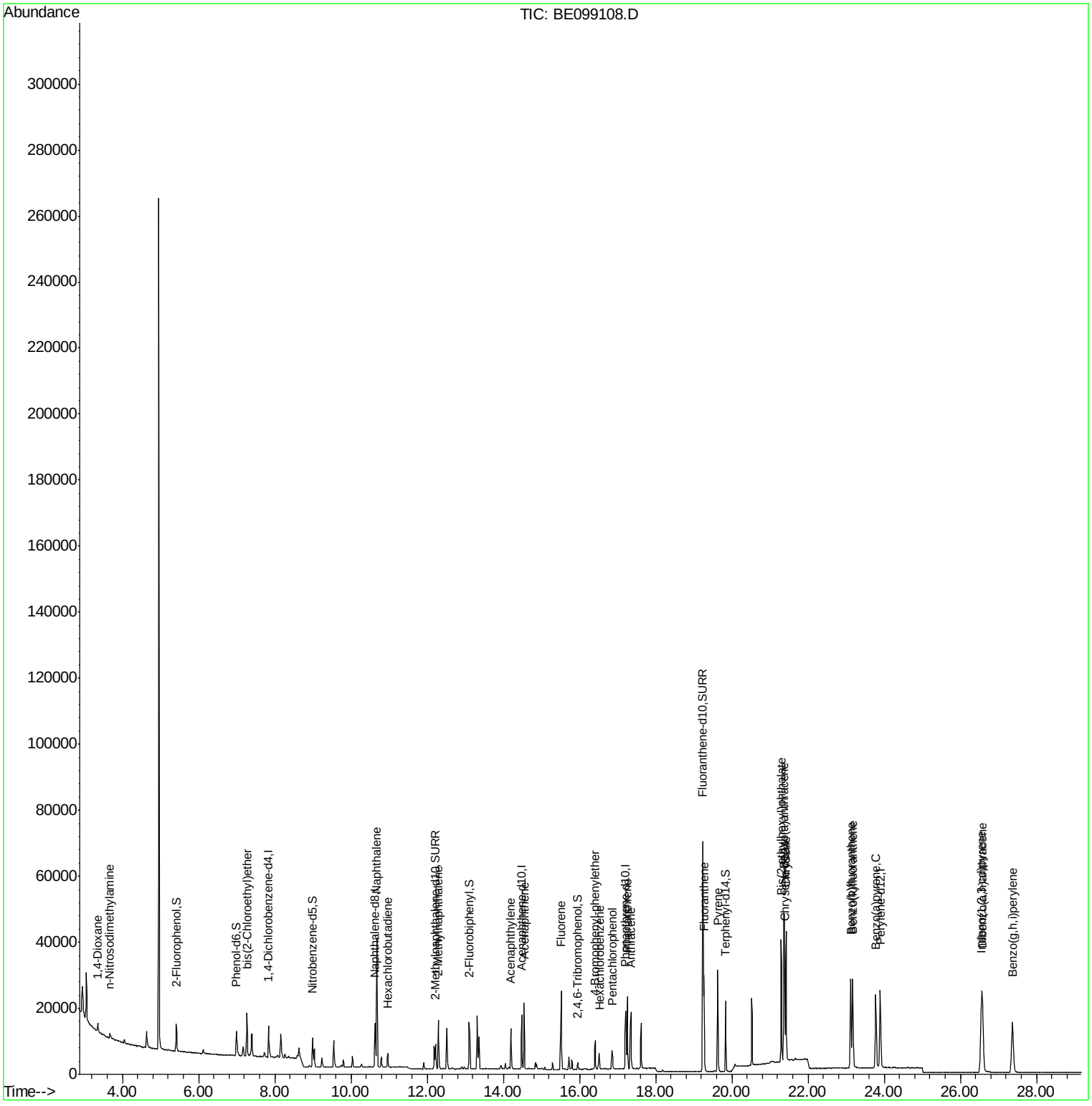
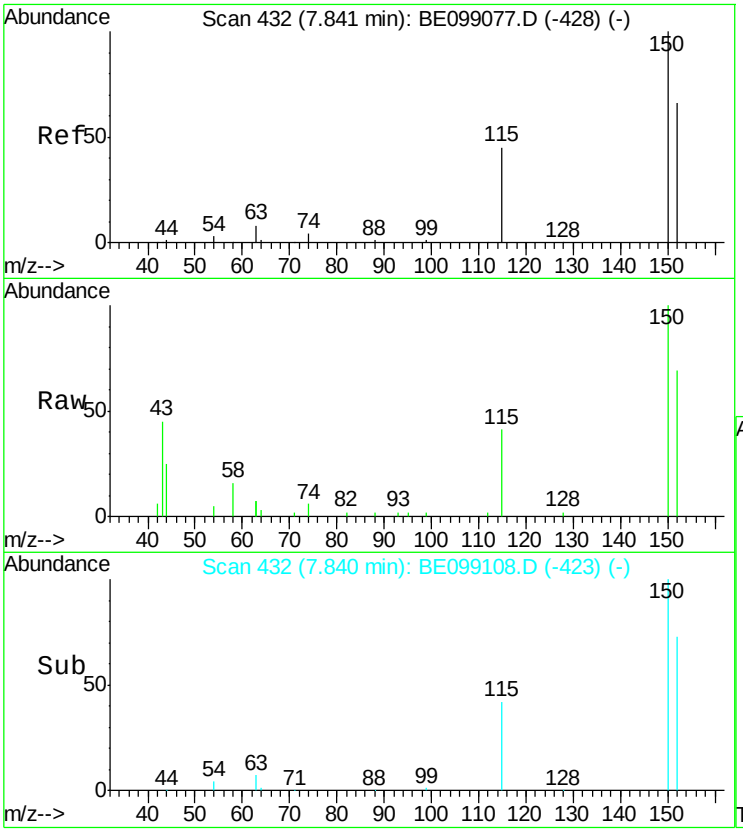
Sample : PB118173BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Quant Time: Mar 23 22:35:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration



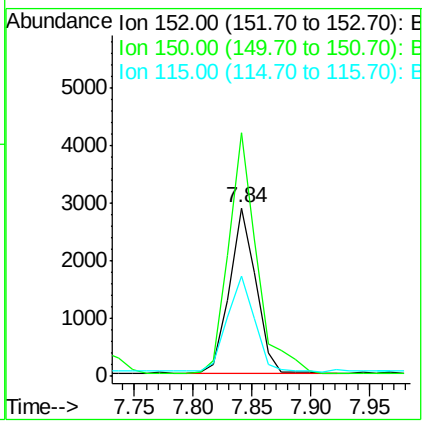


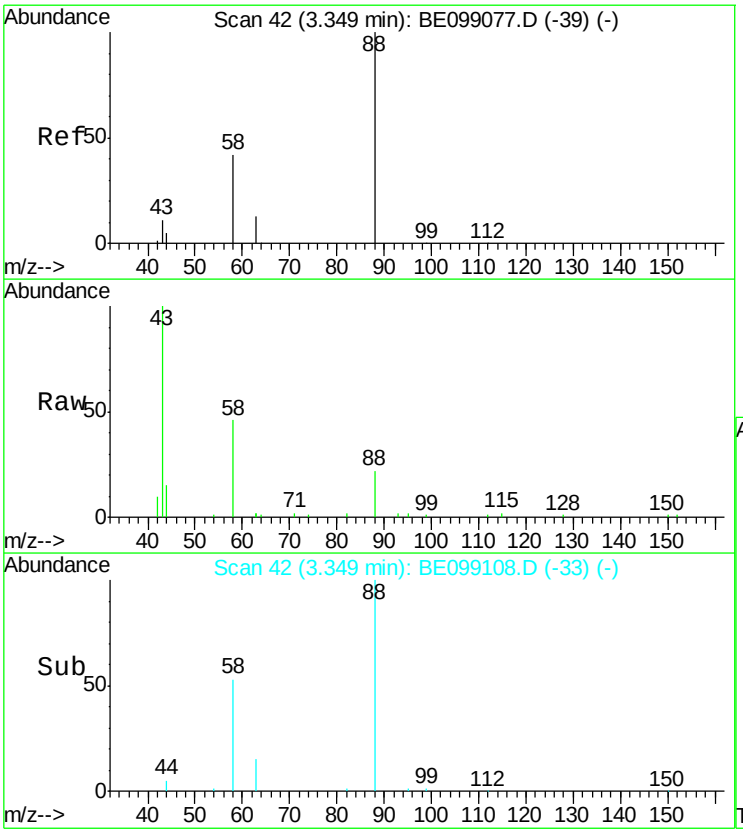
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:152 Resp: 4431

Ion	Ratio	Lower	Upper
152	100		
150	144.7	122.5	183.7
115	59.3	57.4	86.2

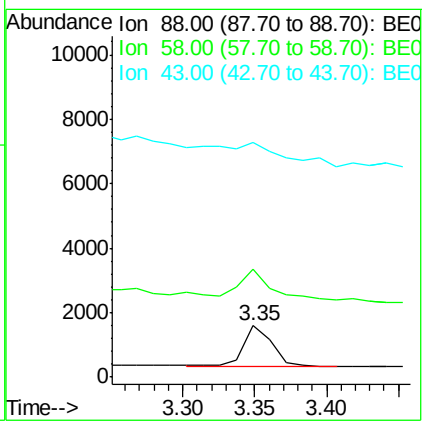


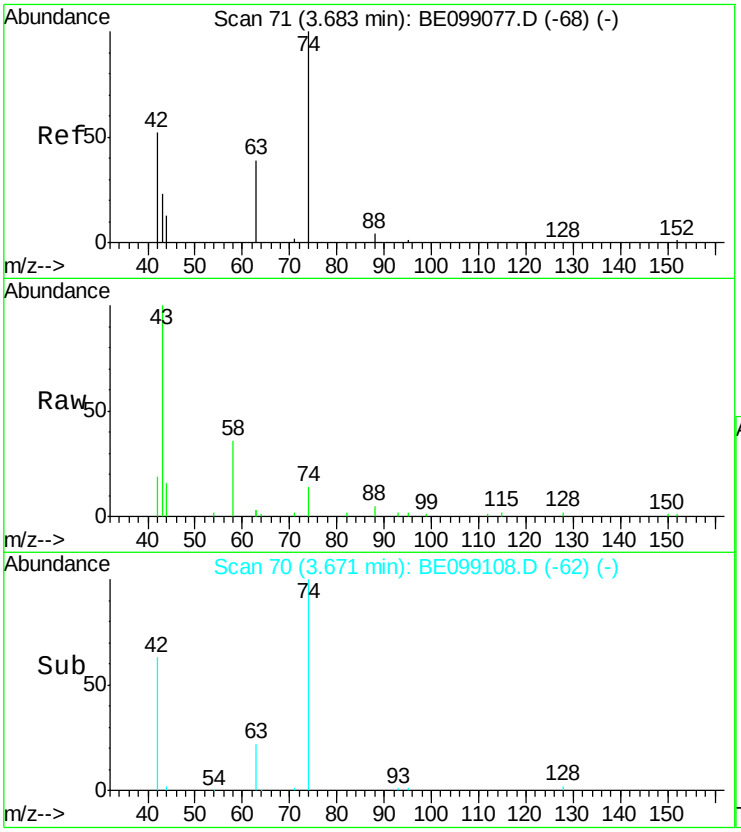


#2
1,4-Dioxane
Concen: 0.255 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion: 88 Resp: 1754

Ion	Ratio	Lower	Upper
88	100		
58	79.8	52.0	78.0#
43	0.0	24.0	36.0#



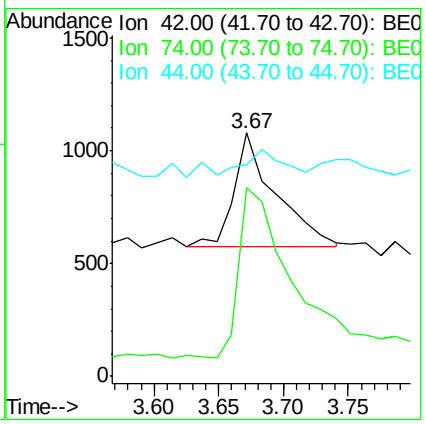


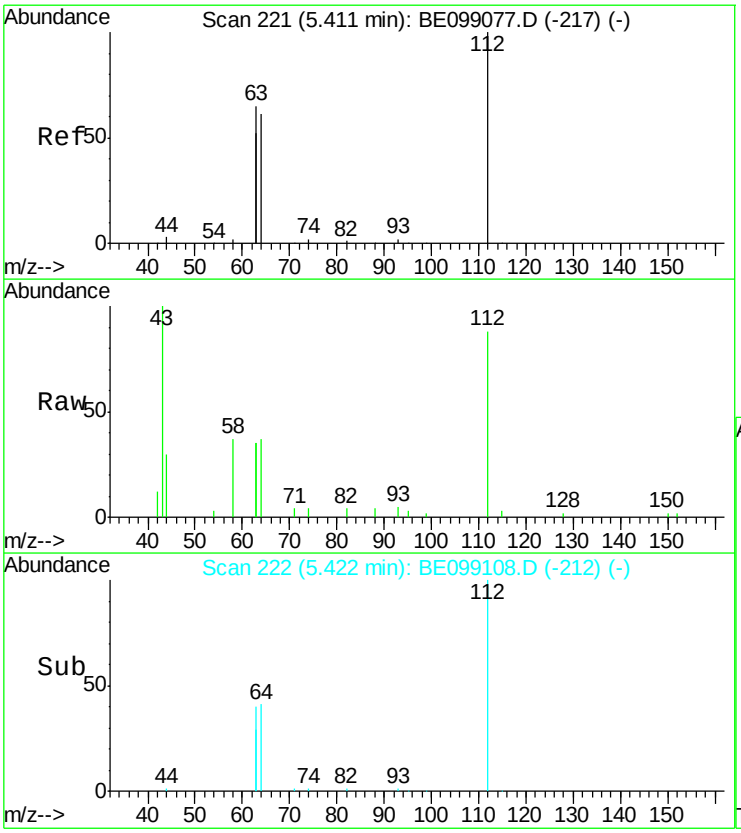
#3
n-Nitrosodimethylamine
Concen: 0.310 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion: 42 Resp: 1099

Ion	Ratio	Lower	Upper
42	100		
74	186.5	160.0	240.0
44	19.6	0.0	0.0#

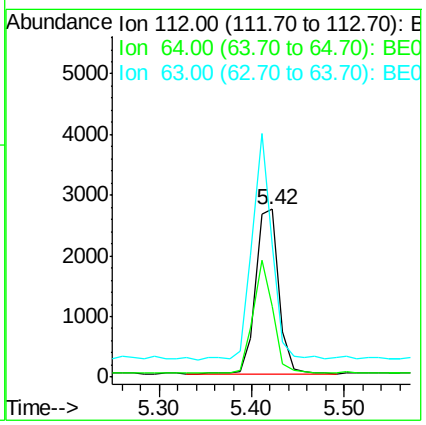


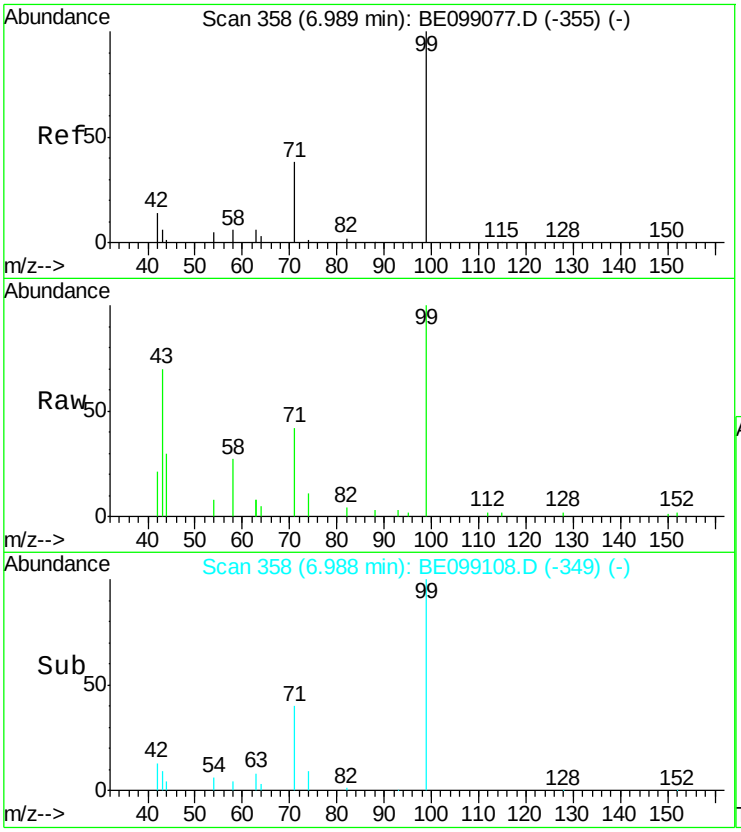


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:112 Resp: 4695

Ion	Ratio	Lower	Upper
112	100		
64	59.4	57.9	86.9
63	119.1	158.3	237.5#



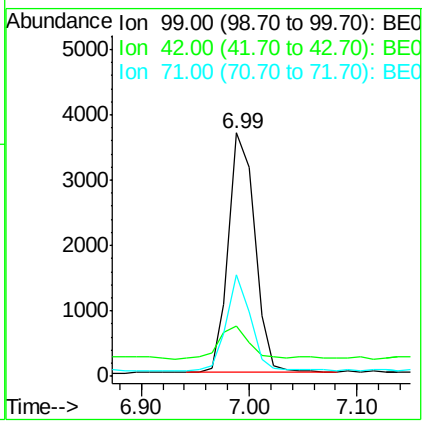


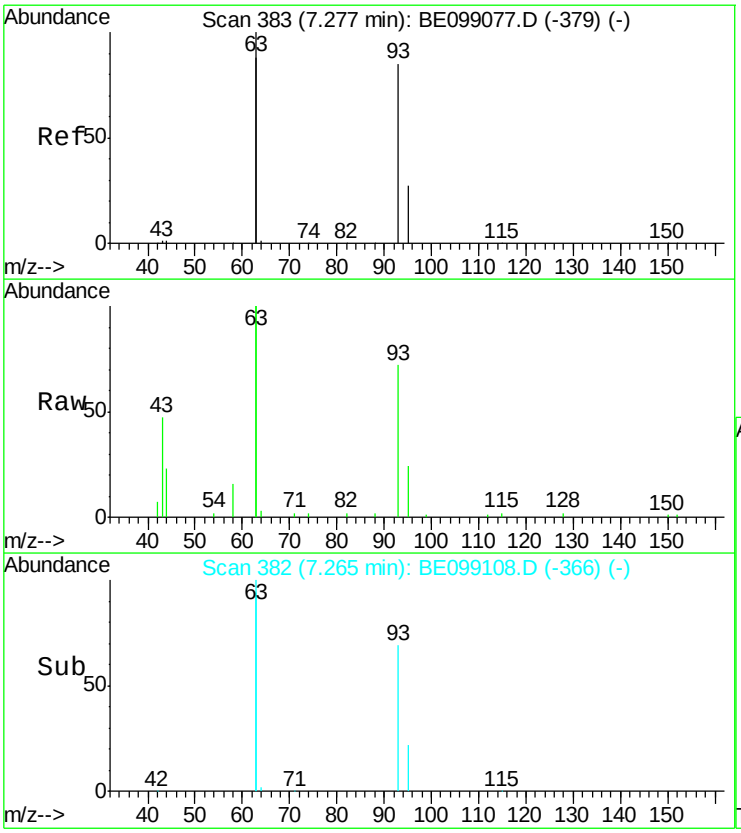
#5
Phenol-d6
Concen: 0.327 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion: 99 Resp: 6218

Ion	Ratio	Lower	Upper
99	100		
42	16.3	24.2	36.2#
71	37.2	35.7	53.5

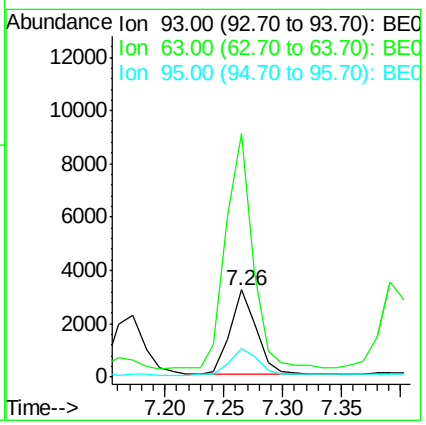


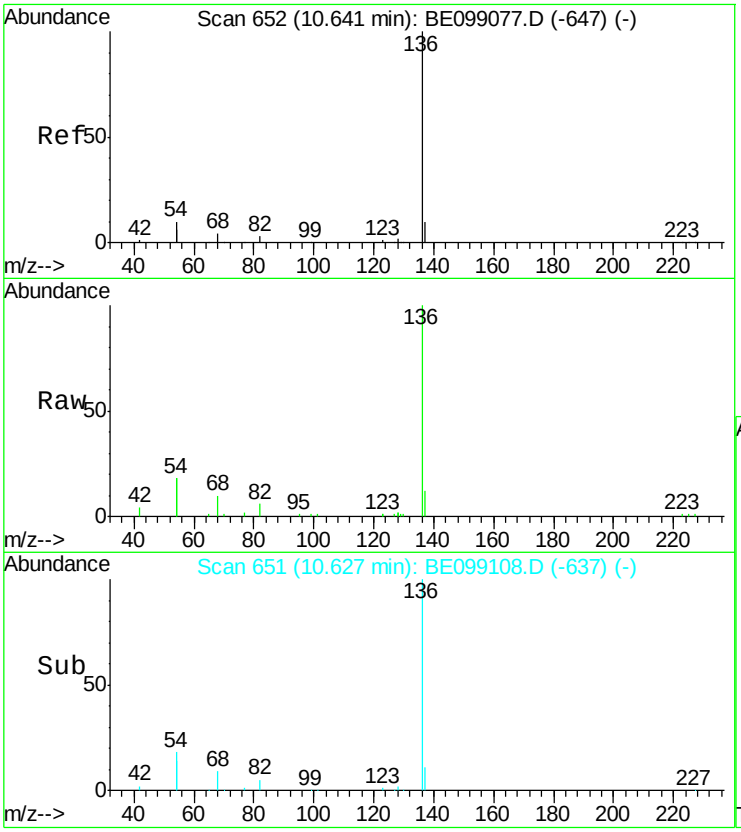


#6
bis(2-Chloroethyl)ether
Concen: 0.326 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion: 93 Resp: 5036

Ion	Ratio	Lower	Upper
93	100		
63	276.8	247.5	371.3
95	34.2	21.8	32.8#



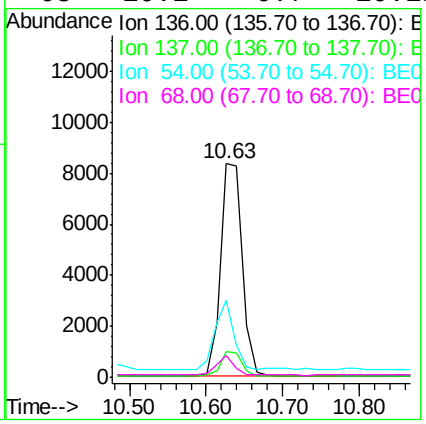


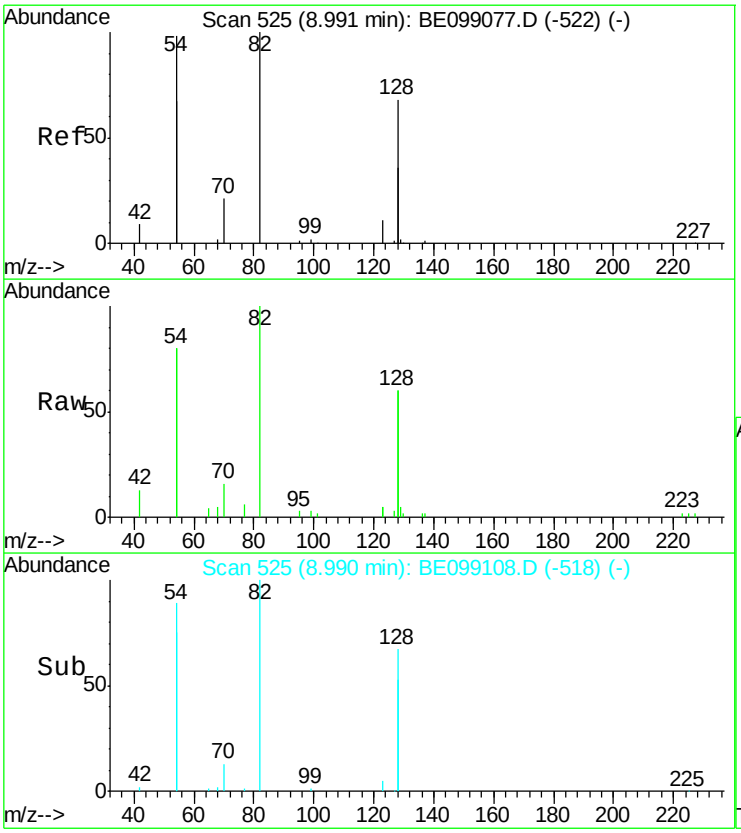
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:136 Resp: 16364

Ion	Ratio	Lower	Upper
136	100		
137	11.9	11.4	17.0
54	36.1	39.3	58.9#
68	10.1	6.7	10.1#

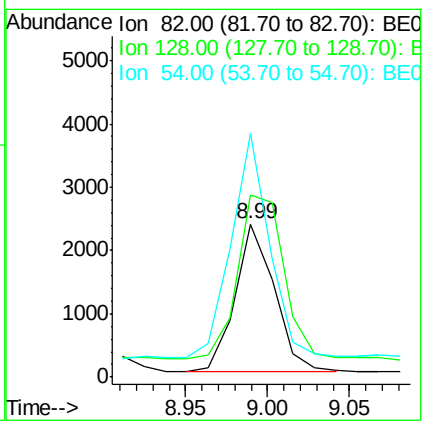


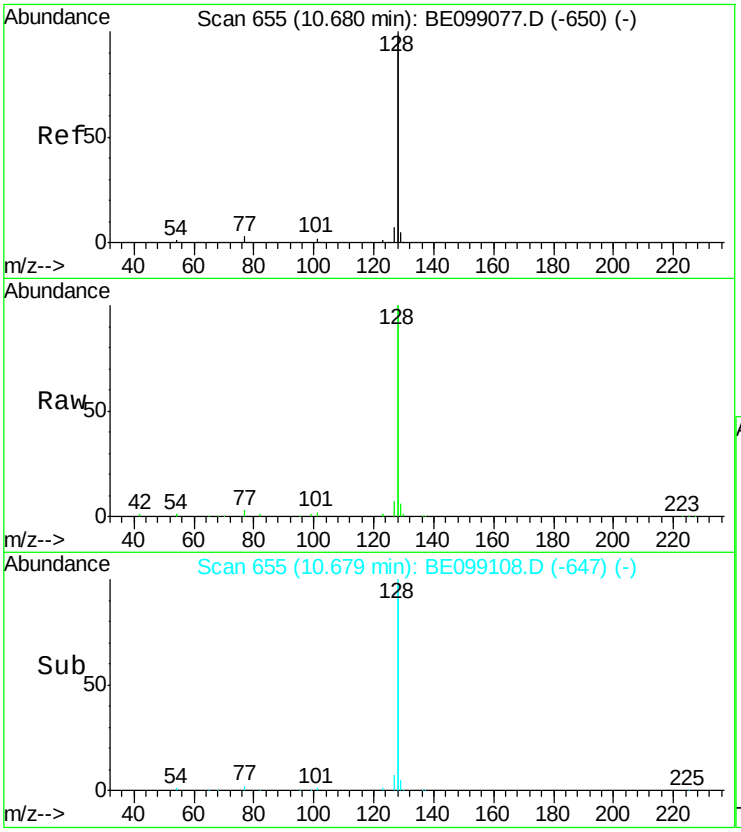


#8
Nitrobenzene-d5
Concen: 0.547 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion: 82 Resp: 3915

Ion	Ratio	Lower	Upper
82	100		
128	119.3	123.8	185.8#
54	159.1	203.4	305.2#



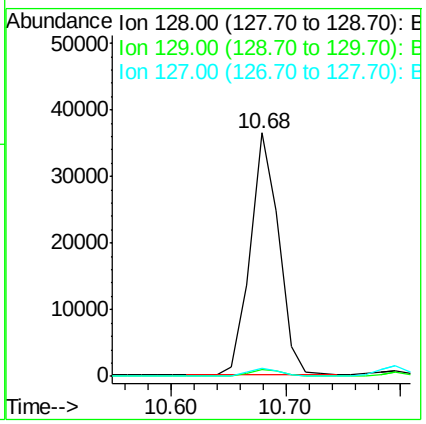


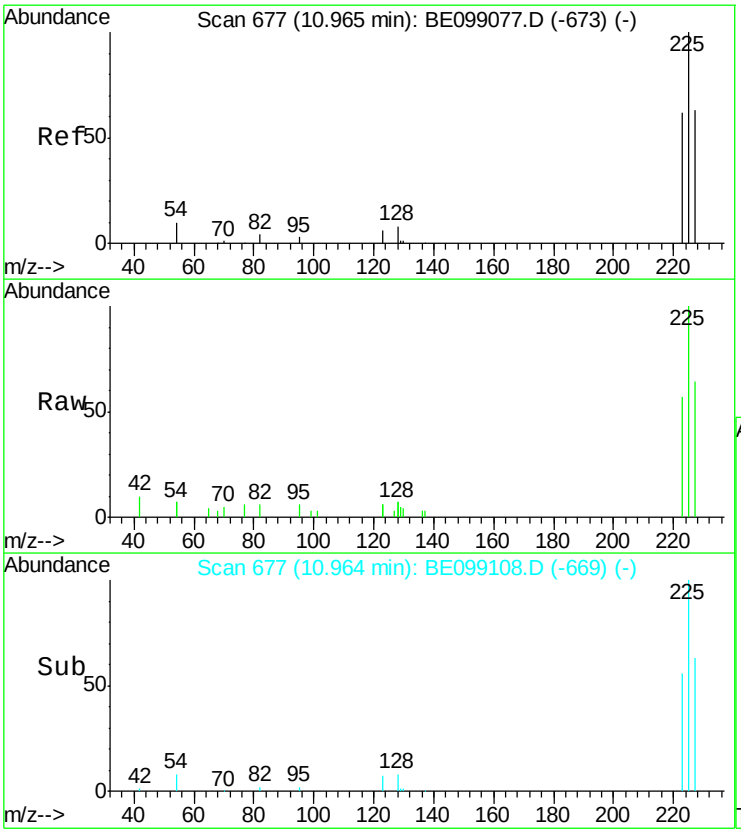
#9
Naphthalene
Concen: 0.322 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:128 Resp: 62075

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.5	3.1	4.7

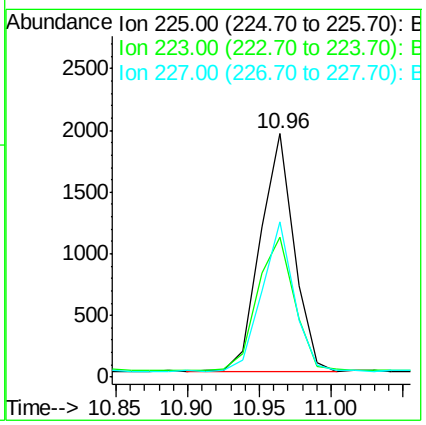


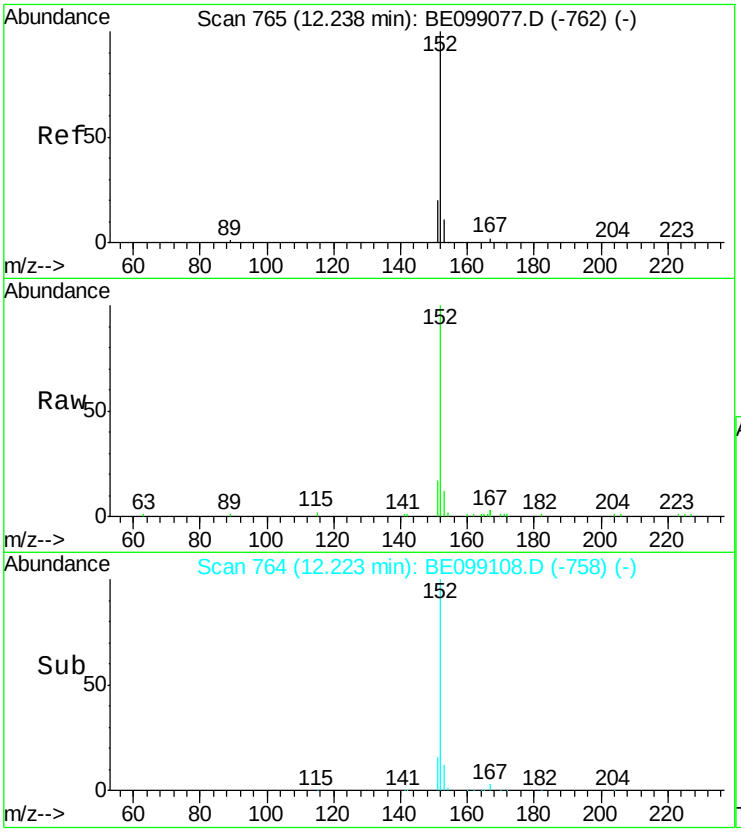


#10
Hexachlorobutadiene
Concen: 0.332 ng
RT: 10.96 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:225 Resp: 3134

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.1	76.7
227	60.7	51.6	77.4



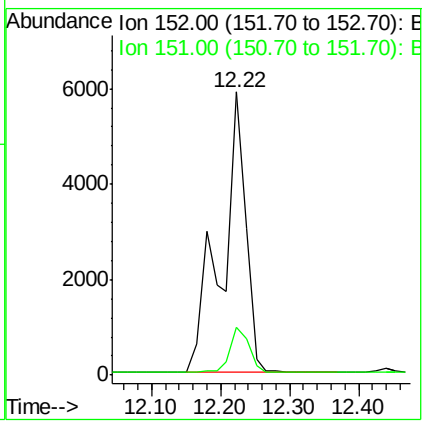


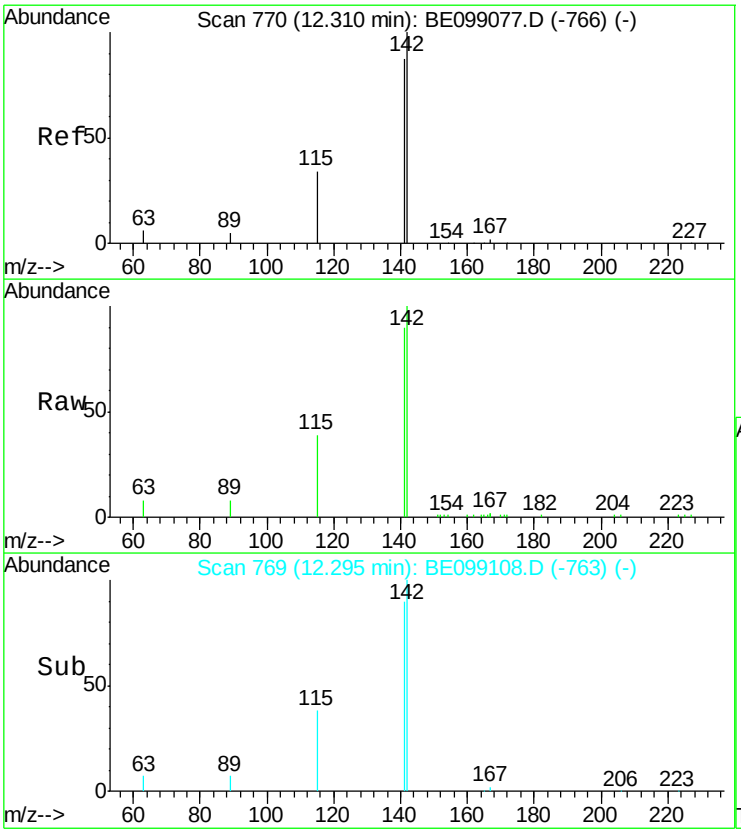
#11
2-Methylnaphthalene-d10
Concen: 0.479 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:152 Resp: 14122

Ion	Ratio	Lower	Upper
152	100		
151	12.6	16.5	24.7#

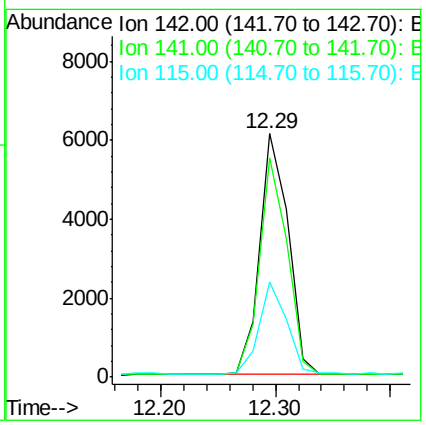


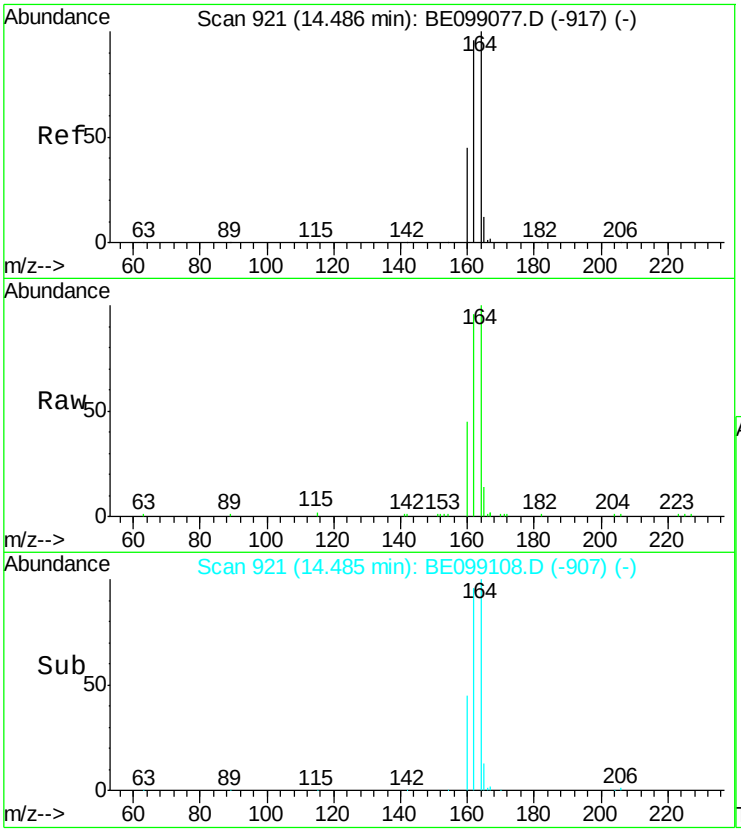


#12
2-Methylnaphthalene
Concen: 0.316 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.02 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:142 Resp: 10430

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8
115	39.3	37.4	56.2



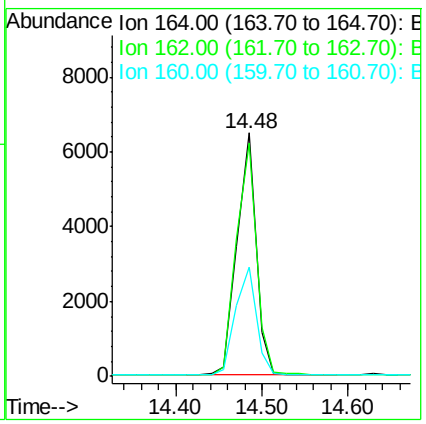


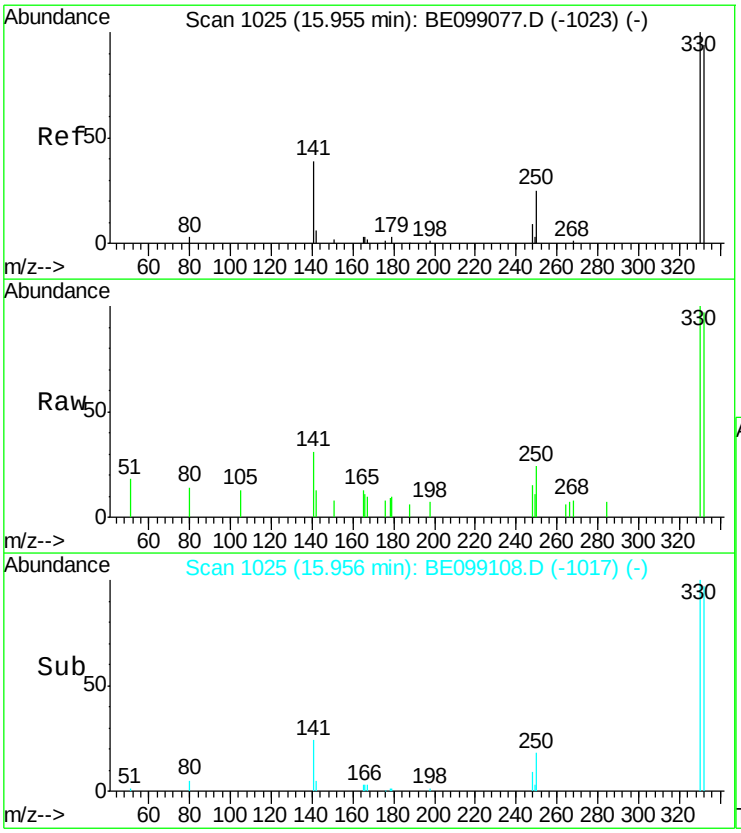
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:164 Resp: 9742

Ion	Ratio	Lower	Upper
164	100		
162	95.7	80.2	120.2
160	45.0	37.8	56.8

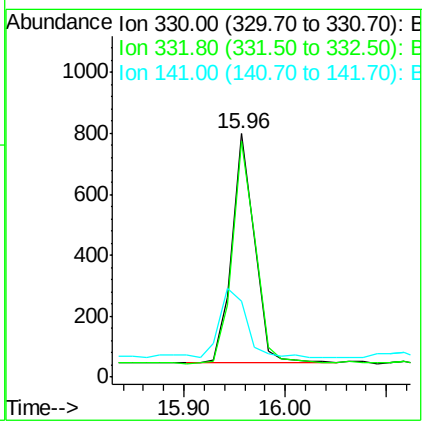


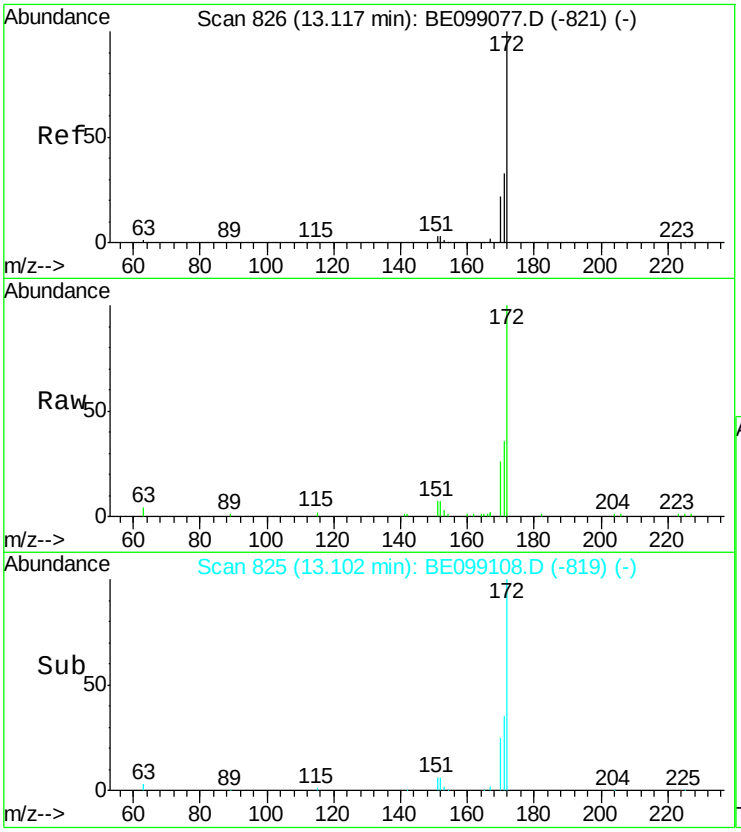


#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:330 Resp: 1176

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.6	116.4
141	36.5	31.0	46.4



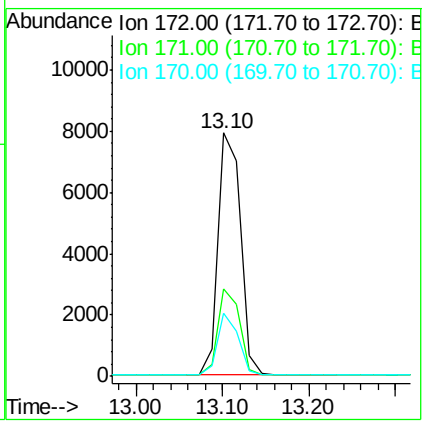


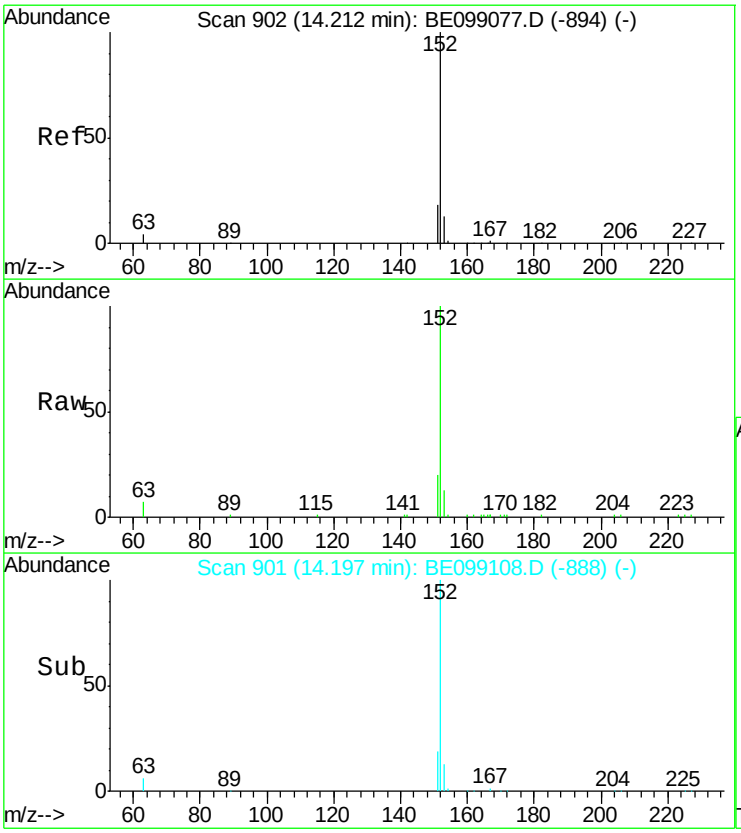
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:172 Resp: 14201

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	26.0	17.7	26.5

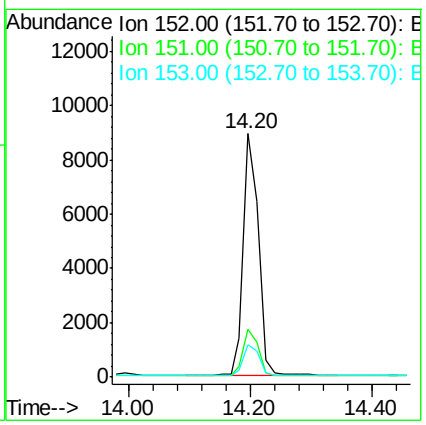


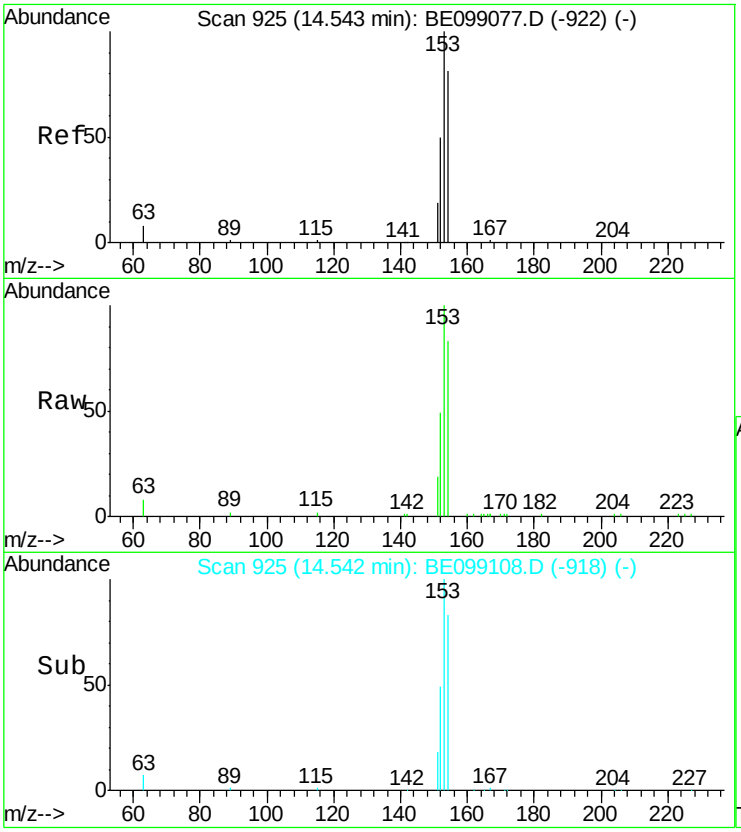


#16
Acenaphthylene
Concen: 0.295 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:152 Resp: 15351

Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.0	25.6
153	13.3	11.2	16.8



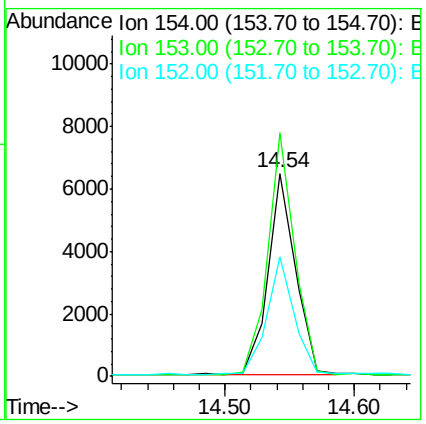


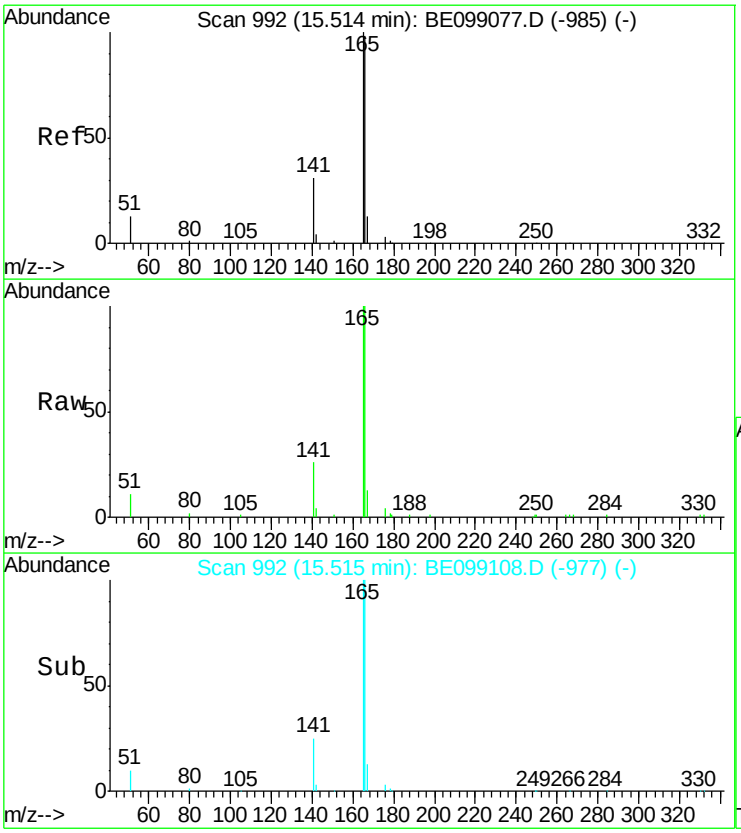
#17
Acenaphthene
Concen: 0.305 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:154 Resp: 9399

Ion	Ratio	Lower	Upper
154	100		
153	118.9	94.2	141.4
152	58.6	45.0	67.4

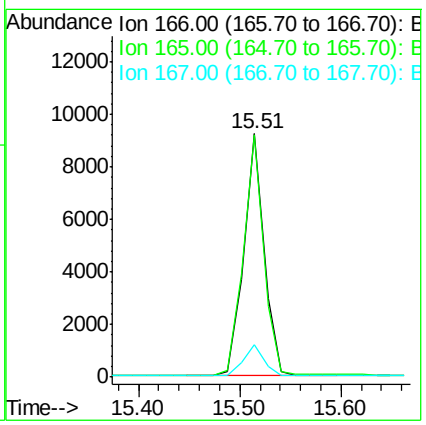


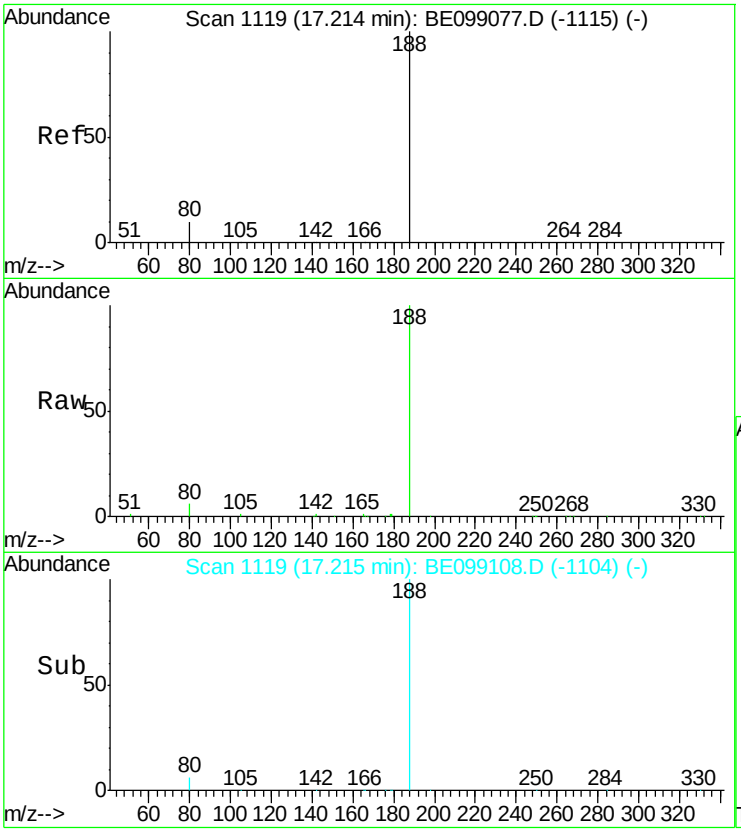


#18
Fluorene
Concen: 0.289 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:166 Resp: 13001

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.3	118.9
167	13.1	10.5	15.7



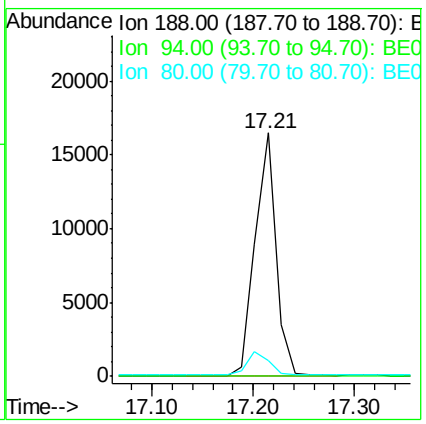


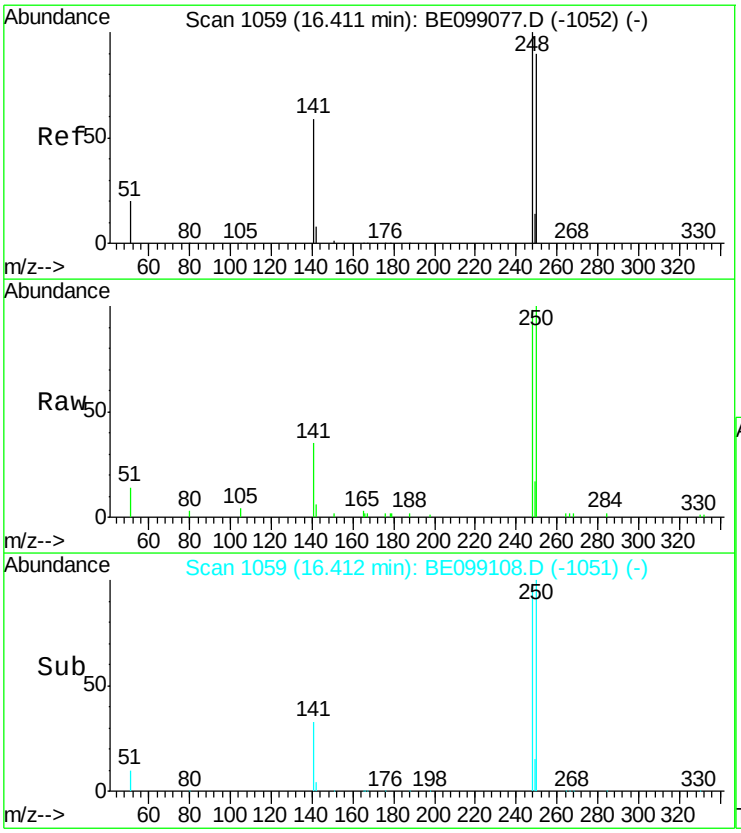
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:188 Resp: 23799

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.3	9.5

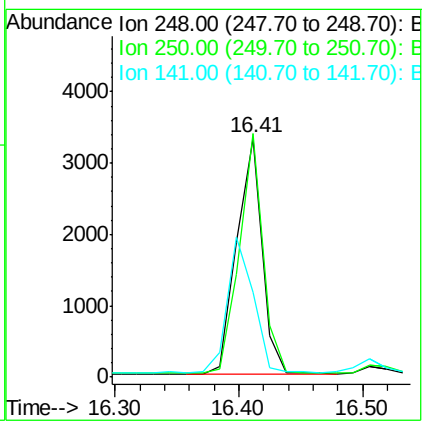


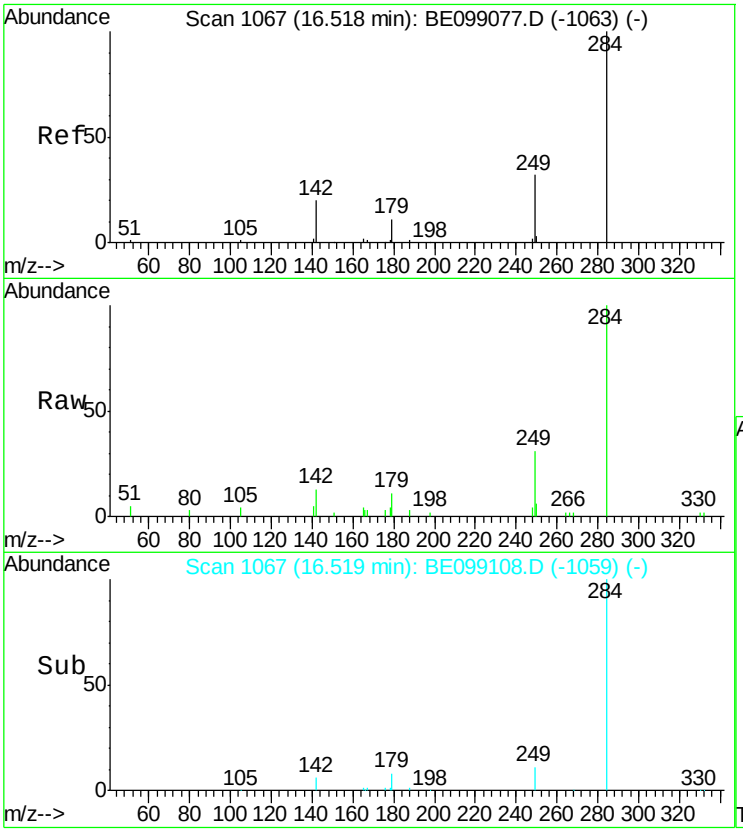


#20
4-Bromophenyl-phenylether
Concen: 0.355 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:248 Resp: 4671

Ion	Ratio	Lower	Upper
248	100		
250	102.0	70.6	105.8
141	35.4	68.6	102.8#



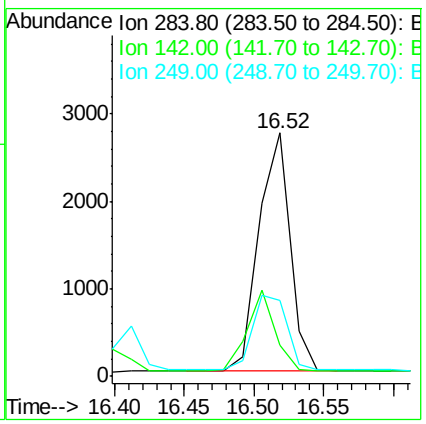


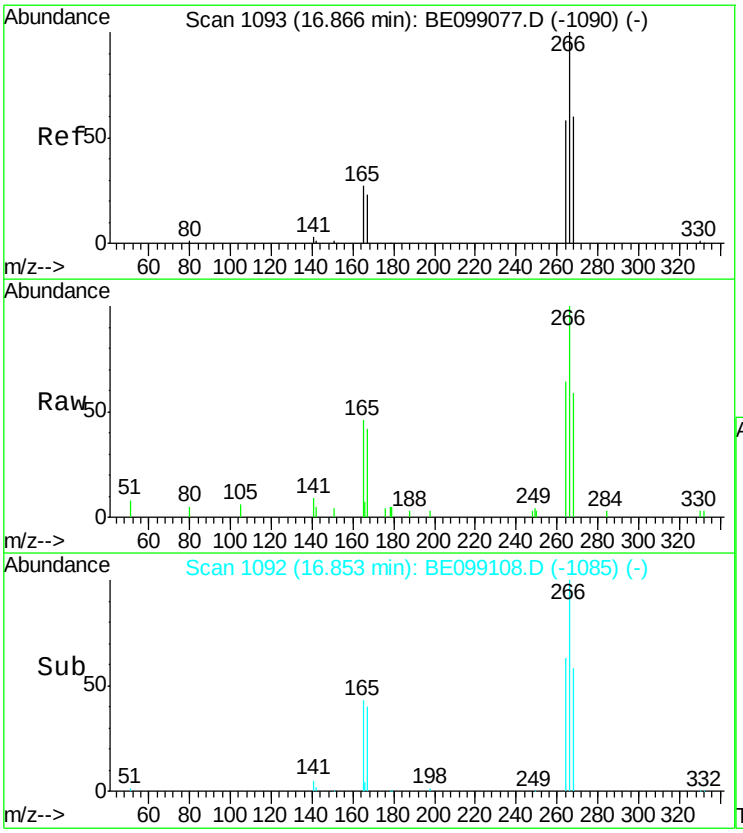
#21
Hexachlorobenzene
Concen: 0.348 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:284 Resp: 4255

Ion	Ratio	Lower	Upper
284	100		
142	30.7	28.7	43.1
249	34.7	29.6	44.4

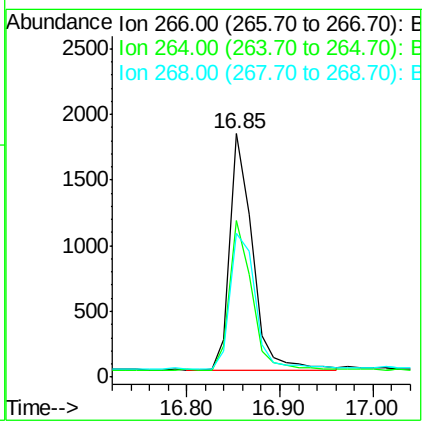


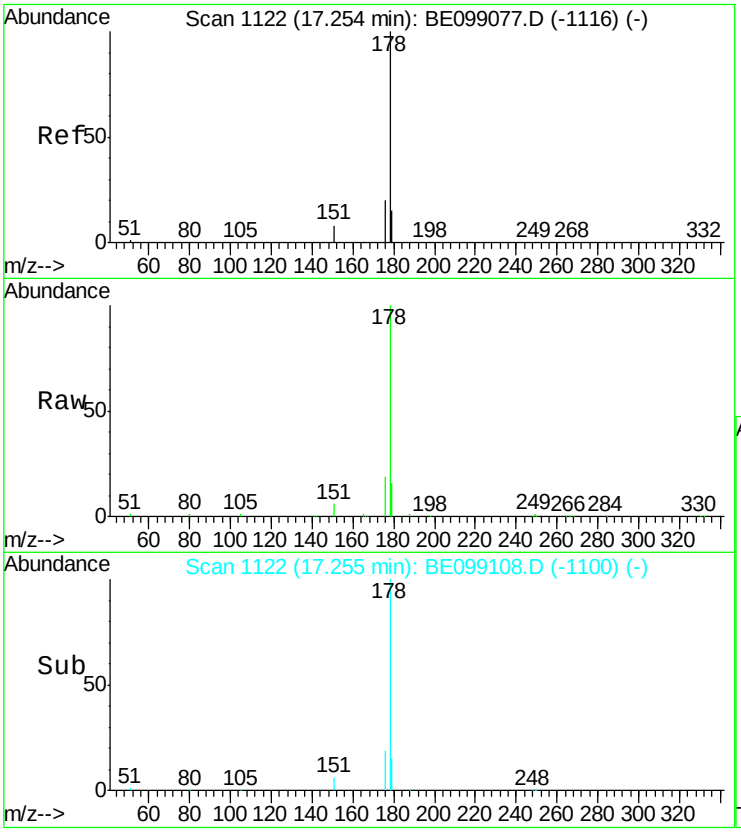


#22
Pentachlorophenol
Concen: 0.852 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:266 Resp: 3010

Ion	Ratio	Lower	Upper
266	100		
264	64.2	66.6	100.0#
268	59.2	69.8	104.8#



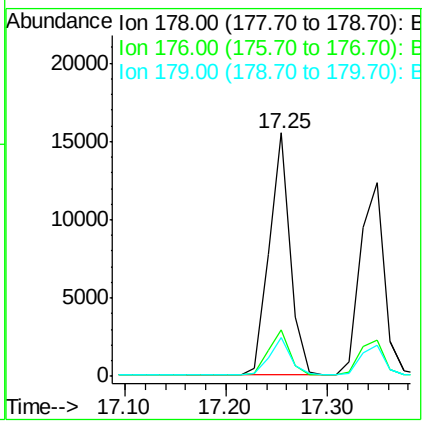


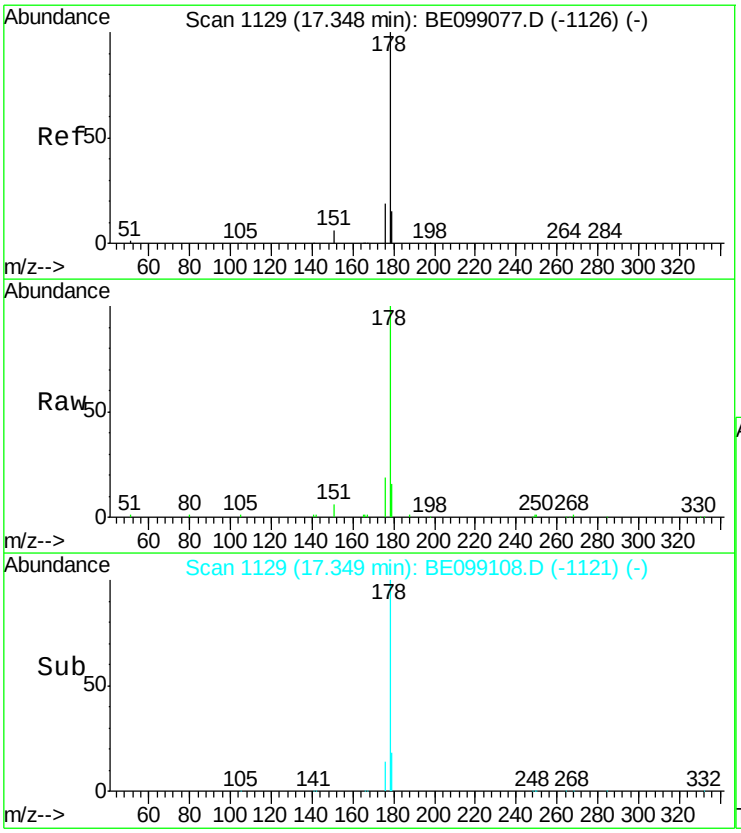
#23
Phenanthrene
Concen: 0.315 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:178 Resp: 22262

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.9	12.1	18.1

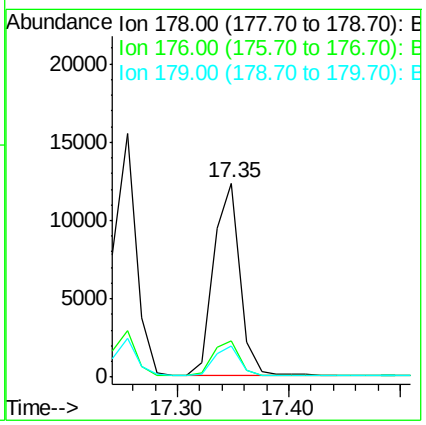


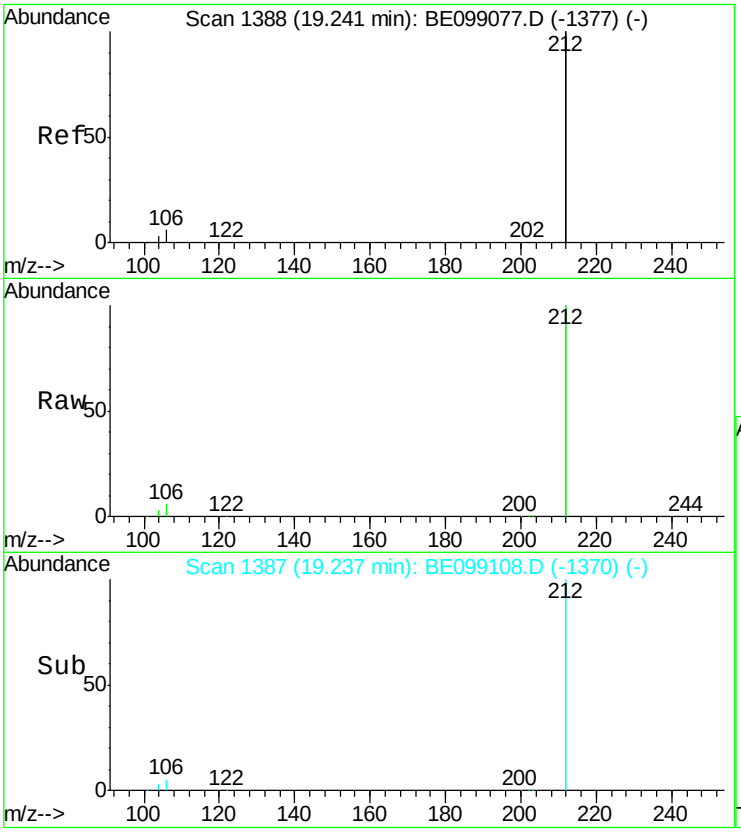


#24
Anthracene
Concen: 0.302 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:178 Resp: 20174

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.2	18.4



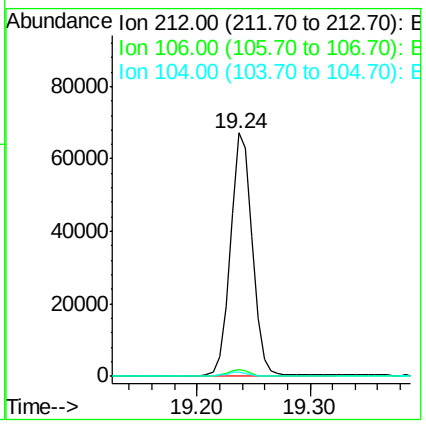


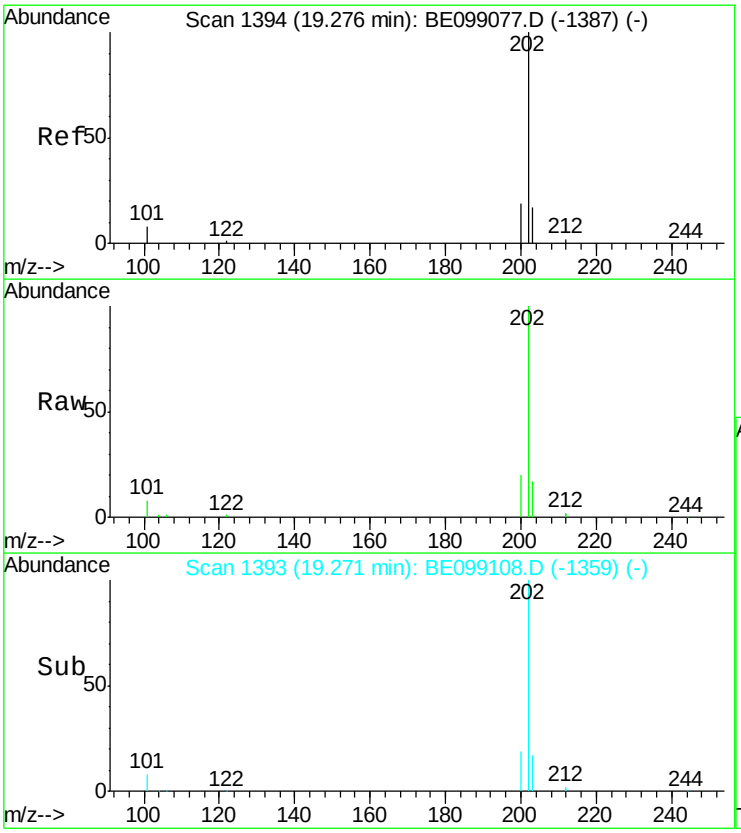
#25
Fluoranthene-d10
Concen: 0.284 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:212 Resp: 90295

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.0	1.6

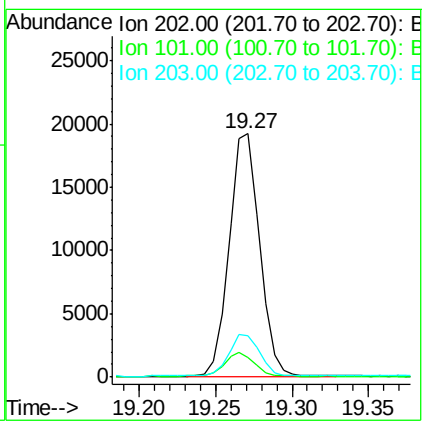


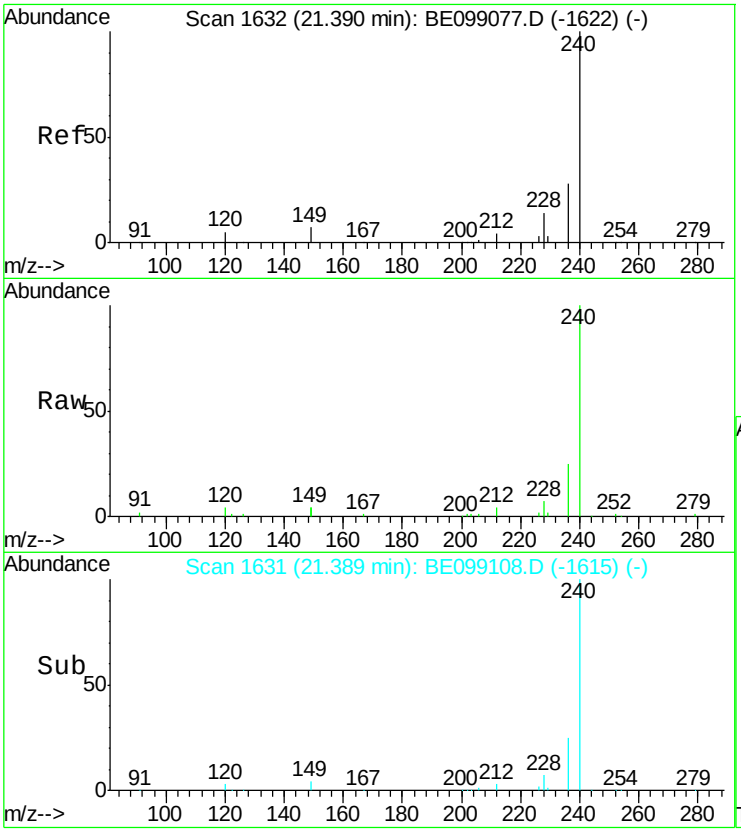


#26
Fluoranthene
Concen: 0.268 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:202 Resp: 26688

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.3	10.9
203	17.2	13.4	20.2



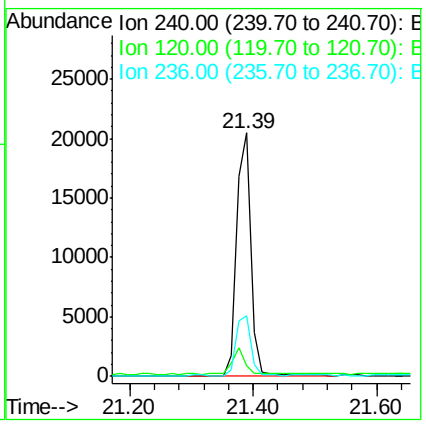


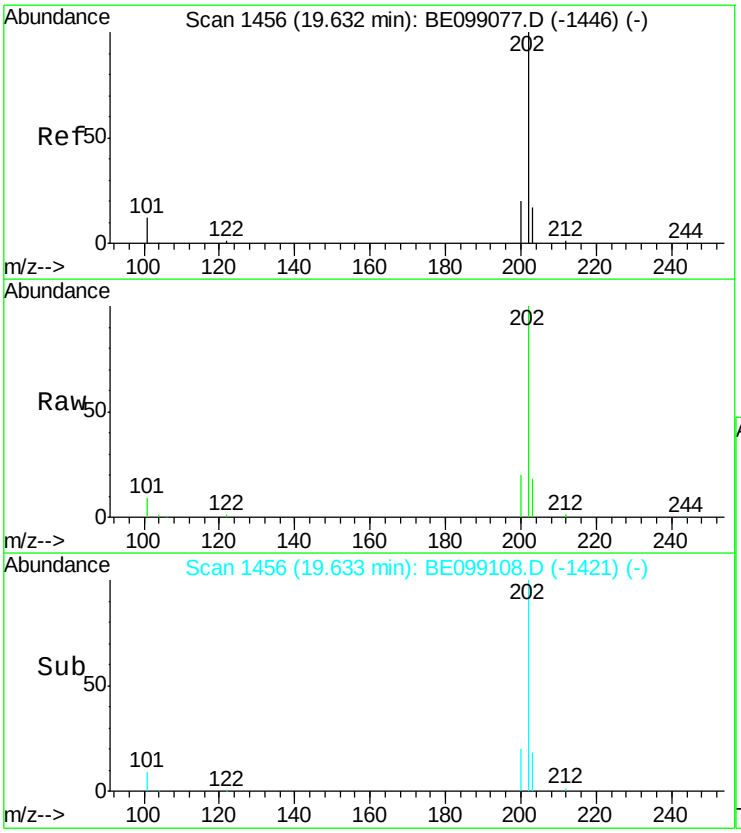
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:240 Resp: 31629

Ion	Ratio	Lower	Upper
240	100		
120	4.3	5.0	7.4#
236	24.9	22.7	34.1

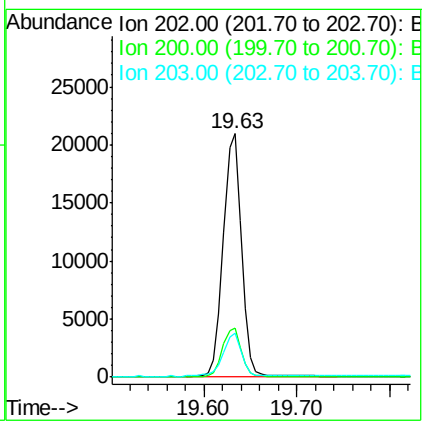


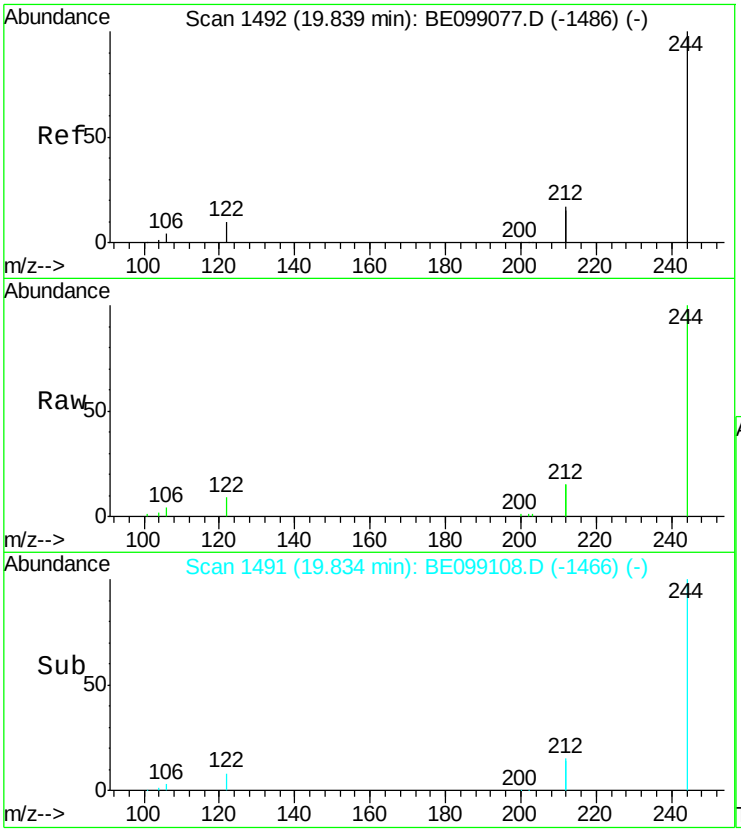


#28
Pyrene
Concen: 0.265 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:202 Resp: 28426

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.6
203	18.0	14.2	21.2



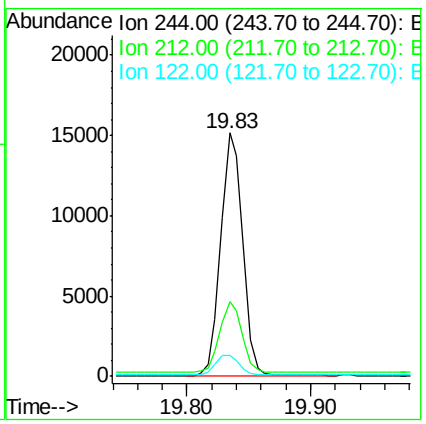


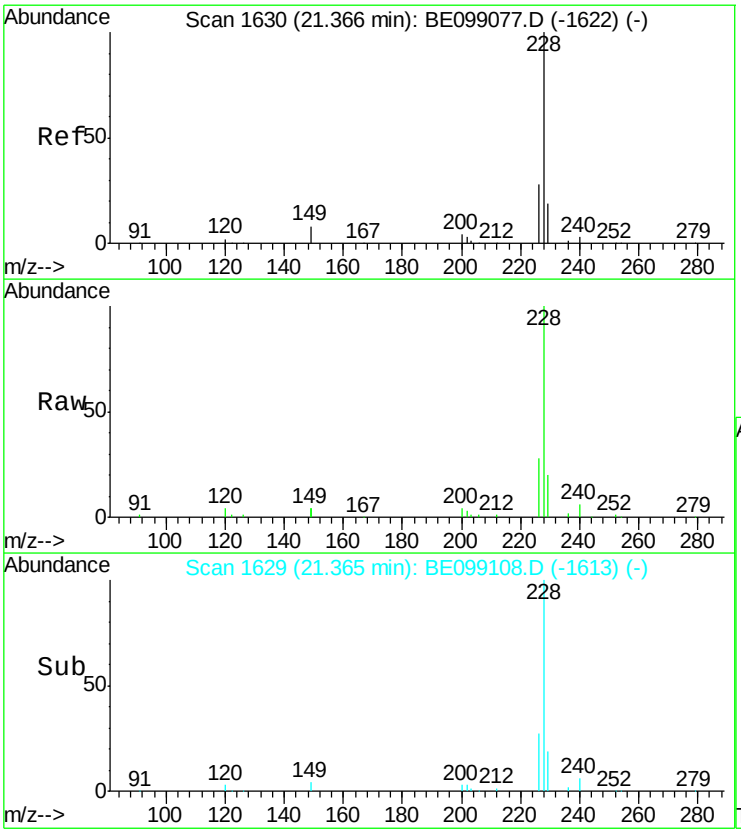
#29
Terphenyl-d14
Concen: 0.276 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:244 Resp: 18458

Ion	Ratio	Lower	Upper
244	100		
212	30.5	29.4	44.2
122	8.5	7.1	10.7

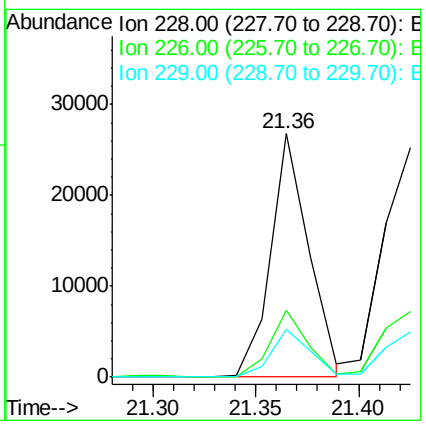


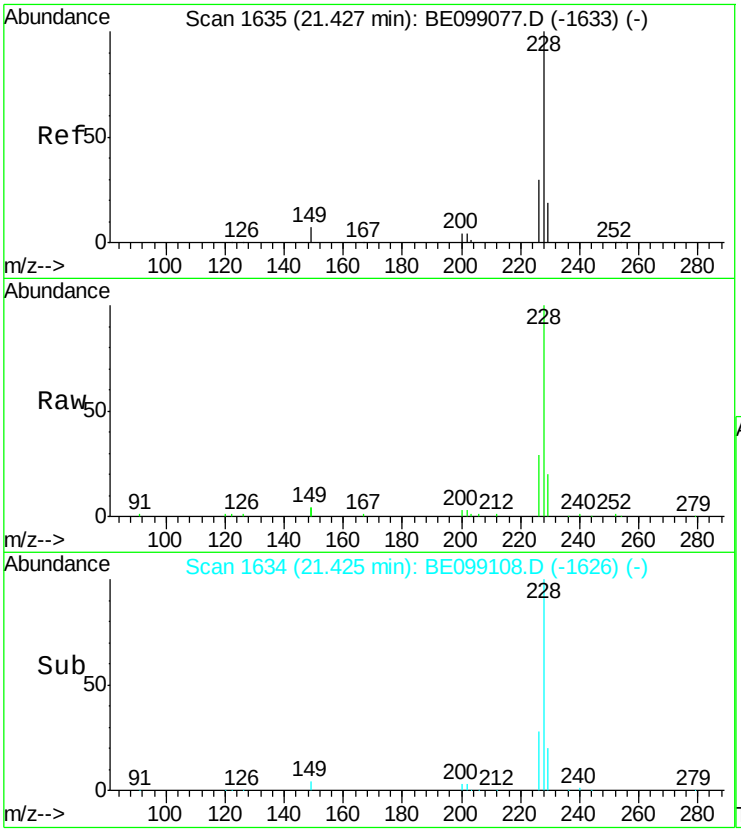


#30
Benzo(a)anthracene
Concen: 0.311 ng
RT: 21.36 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:228 Resp: 34635

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.0	34.4
229	19.6	16.5	24.7



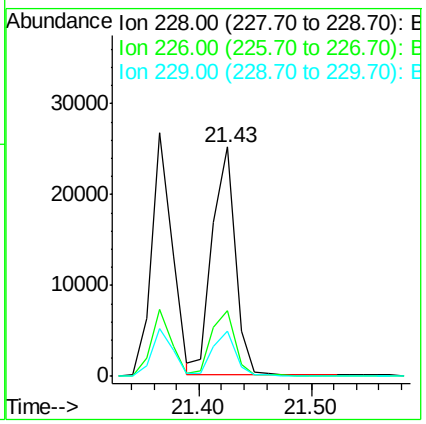


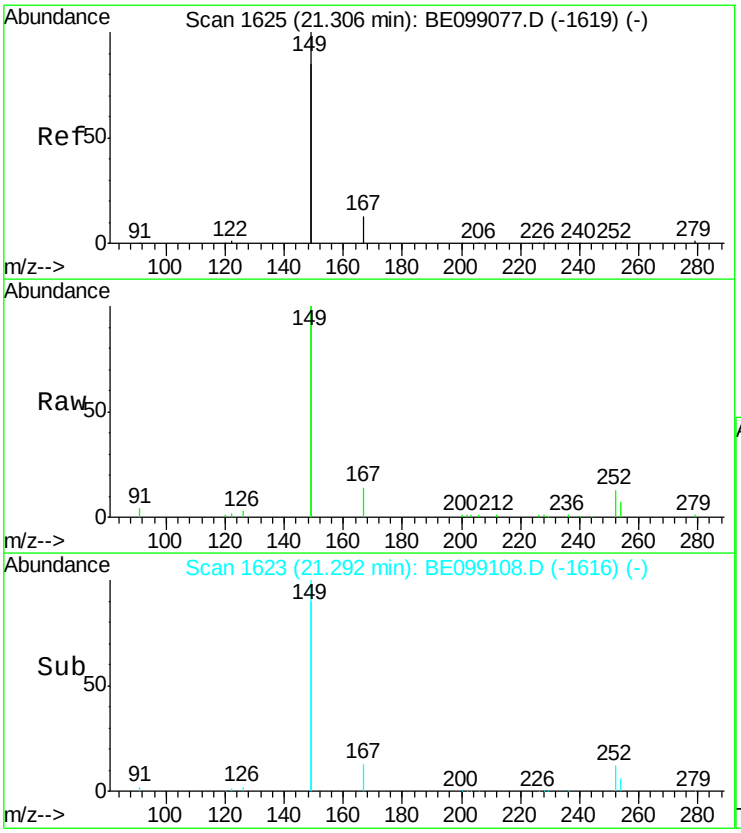
#31
Chrysene
Concen: 0.322 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:228 Resp: 35851

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.7	35.5
229	20.0	16.1	24.1

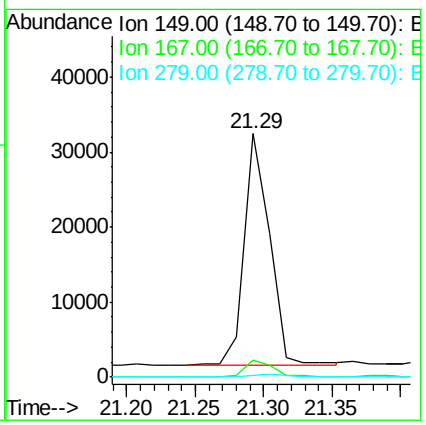


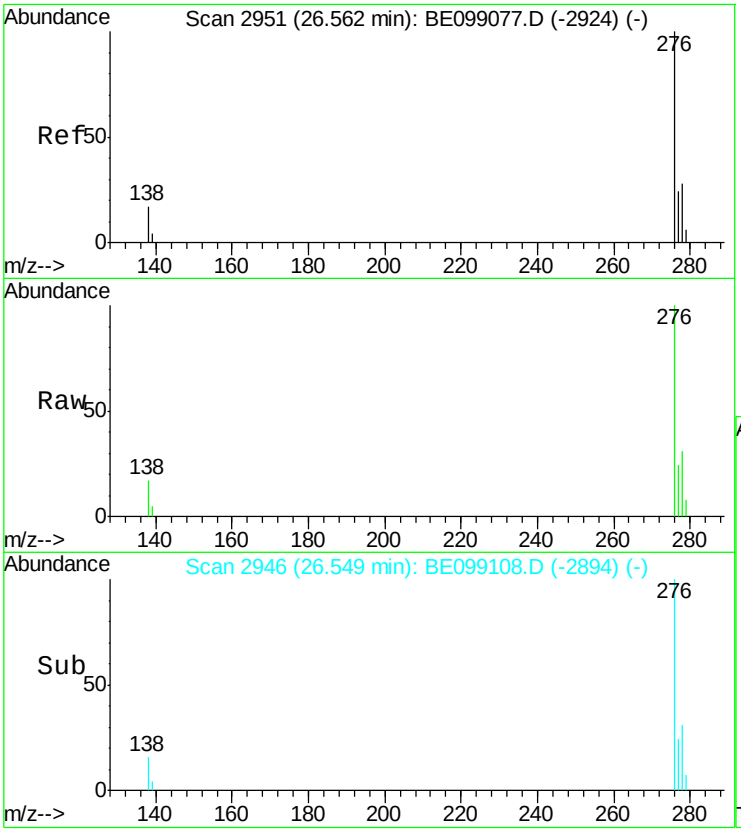


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.274 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:149 Resp: 39574

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.0	1.0	1.4



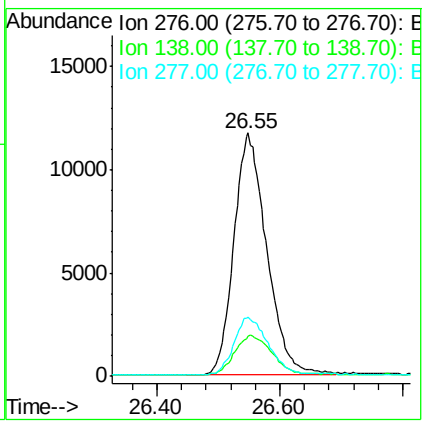


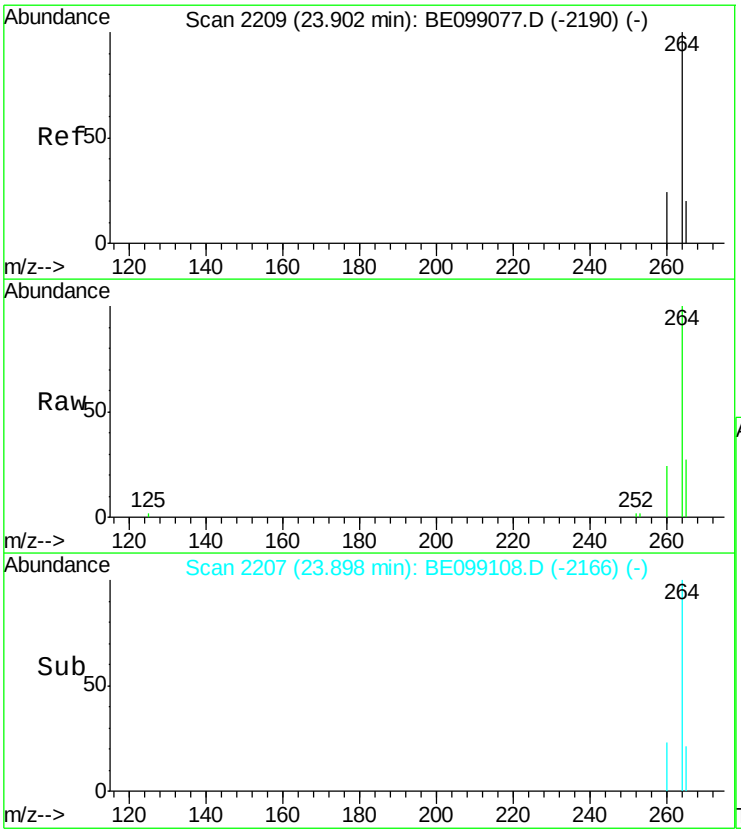
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng
RT: 26.55 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:276 Resp: 43433

Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.8	20.8
277	24.6	19.5	29.3

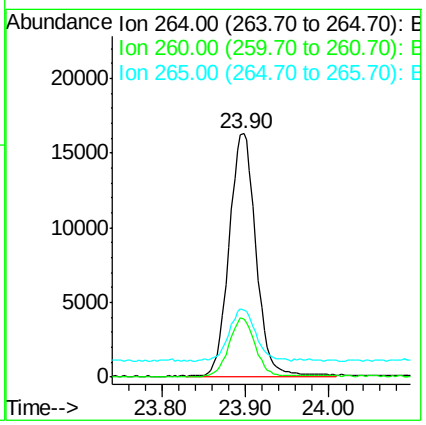


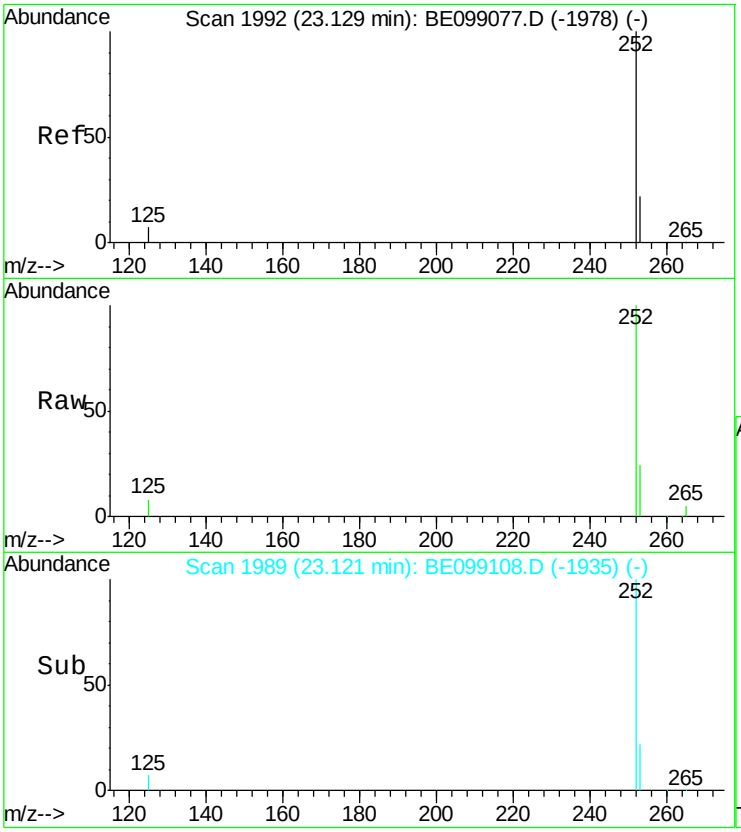


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:264 Resp: 35994

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.2	31.8
265	27.5	24.6	36.8



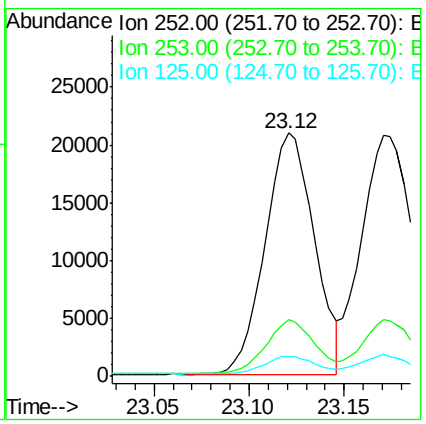


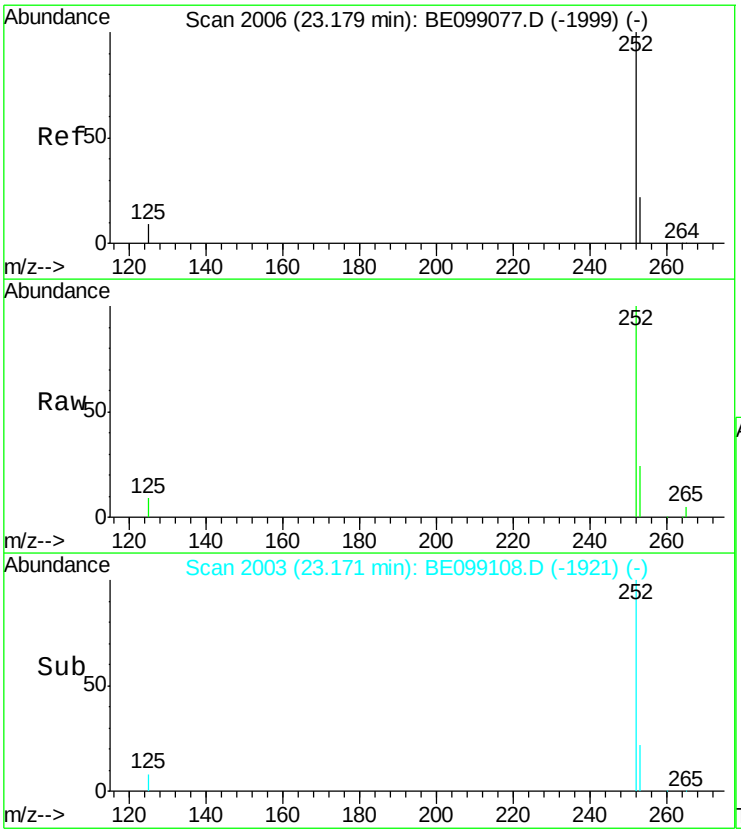
#35
Benzo(b)fluoranthene
Concen: 0.303 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:252 Resp: 37668

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	8.3	7.3	10.9

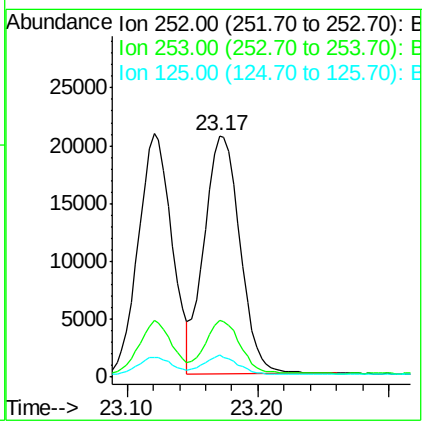


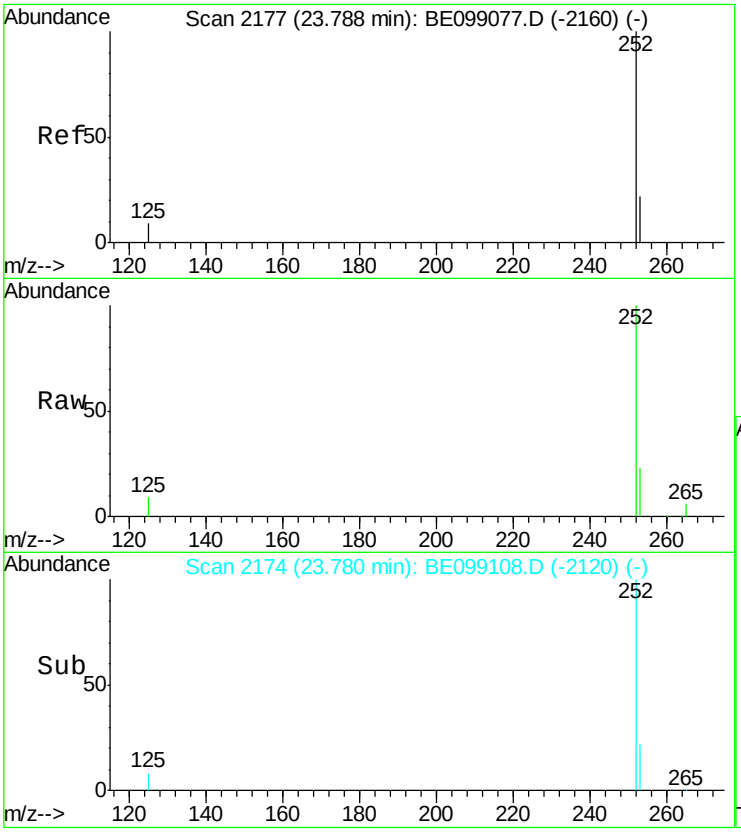


#36
Benzo(k)fluoranthene
Concen: 0.323 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:252 Resp: 39393

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	9.3	7.5	11.3



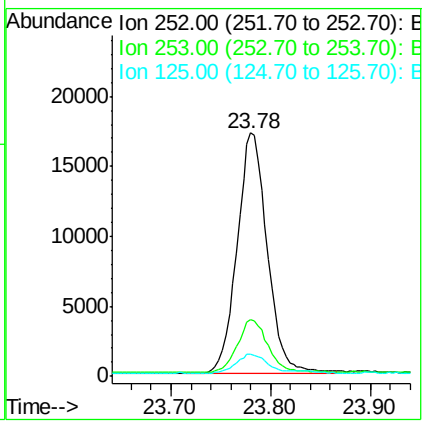


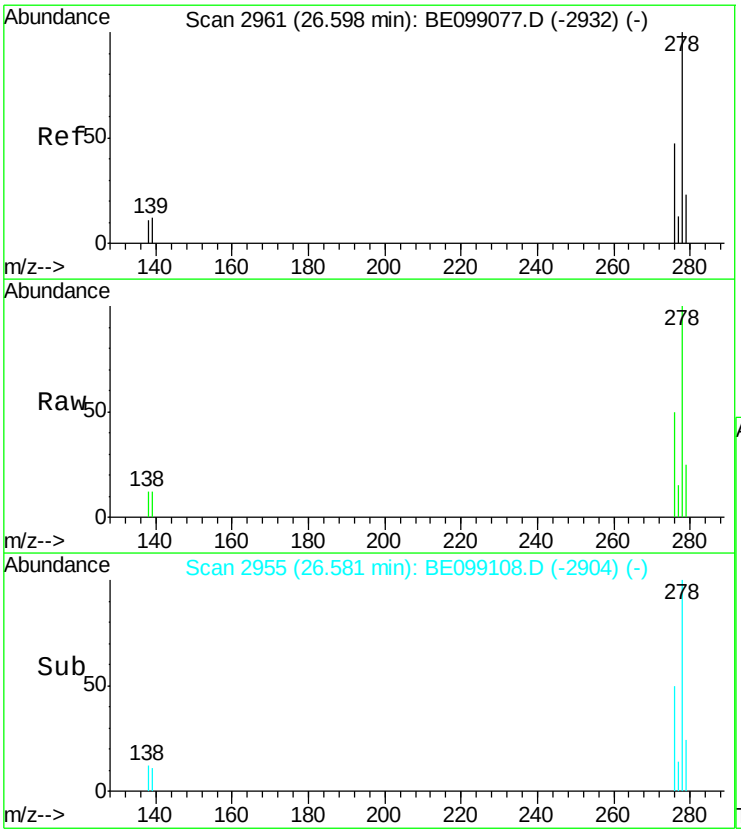
#37
Benzo(a)pyrene
Concen: 0.316 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:252 Resp: 36382

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.9	29.9
125	9.2	9.0	13.4

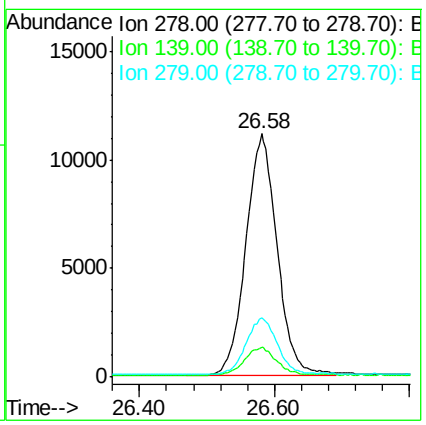


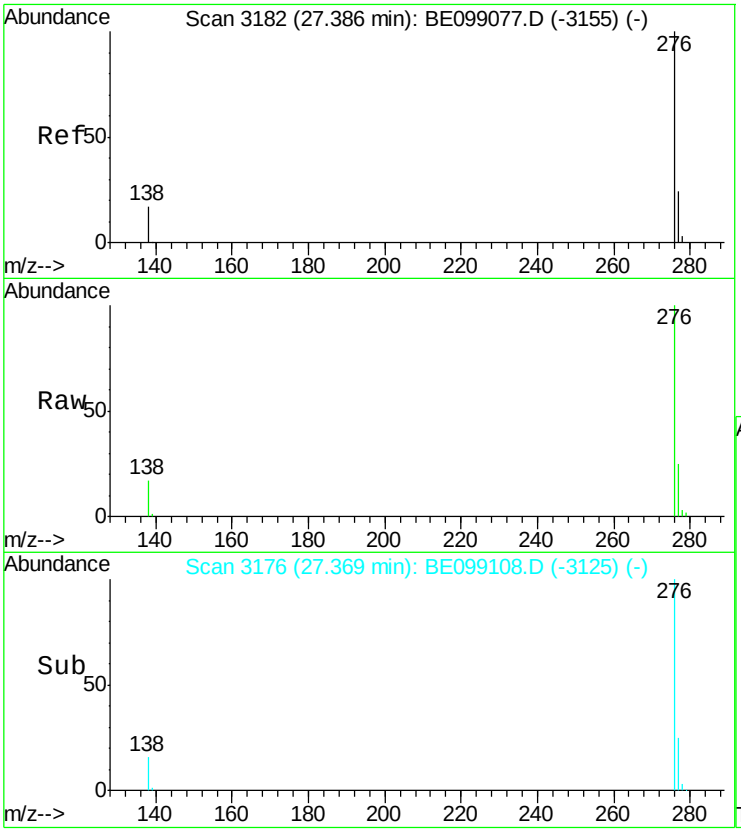


#38
Dibenzo(a,h)anthracene
Concen: 0.322 ng
RT: 26.58 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Tgt Ion:278 Resp: 36013

Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.8	17.6
279	24.5	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.324 ng
RT: 27.37 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BE099108.D
Acq: 23 Mar 2019 12:37

Instrument :
BNA_E
ClientSampleId :
PB118173BS

Tgt Ion:276 Resp: 37202

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.4	30.6
138	16.6	13.6	20.4