Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099420.D
Acq On : 30 Apr 2019 11:20
Operator : JU/SJ
Sample : PB119261BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119261BS

Quant Time: Apr 30 23:56:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2750	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	8950	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	5323	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	14338	0.40	ng		0.00
27) Chrysene-d12	21.37	240	17777	0.40	ng		0.00
34) Perylene-d12	23.87	264	21605	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2477	0.33	ng		0.00
5) Phenol-d6	6.98	99	3239	0.32	ng		0.00
8) Nitrobenzene-d5	8.96	82	2643	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	7119	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	835	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	7298	0.36	ng		-0.02
25) Fluoranthene-d10	19.22	212	54642	0.28	ng		0.00
29) Terphenyl-d14	19.81	244	12016	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	976	0.258	ng	#	49
3) n-Nitrosodimethylamine	3.65	42	636	0.279	ng	#	96
6) bis(2-Chloroethyl)ether	7.24	93	2678	0.307	ng		99
9) Naphthalene	10.65	128	32948	0.338	ng		99
10) Hexachlorobutadiene	10.93	225	2196	0.324	ng		99
12) 2-Methylnaphthalene	12.27	142	5426	0.320	ng		97
16) Acenaphthylene	14.18	152	8587	0.330	ng		98
17) Acenaphthene	14.51	154	5032	0.338	ng		98
18) Fluorene	15.49	166	6914	0.315	ng		100
20) 4-Bromophenyl-phenylether	16.38	248	2883	0.345	ng	#	94
21) Hexachlorobenzene	16.49	284	2848	0.358	ng		99
22) Pentachlorophenol	16.84	266	2025	0.639	ng		100
23) Phenanthrene	17.23	178	12901	0.349	ng		99
24) Anthracene	17.32	178	12272	0.348	ng		99
26) Fluoranthene	19.25	202	18650	0.337	ng		99
28) Pyrene	19.61	202	19431	0.419	ng		99
30) Benzo(a)anthracene	21.34	228	24710	0.436	ng		97
31) Chrysene	21.40	228	22761	0.411	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	31353	0.321	ng		99
33) Indeno(1,2,3-cd)pyrene	26.50	276	34450	0.526	ng		98
35) Benzo(b)fluoranthene	23.09	252	24330	0.391	ng		99
36) Benzo(k)fluoranthene	23.15	252	25072	0.417	ng		99
37) Benzo(a)pyrene	23.75	252	24401	0.414	ng		98
38) Dibenzo(a,h)anthracene	26.53	278	29396	0.488	ng		99
39) Benzo(g,h,i)perylene	27.32	276	29513	0.489	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
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Acq On : 30 Apr 2019 11:20
Operator : JU/SJ
Sample : PB119261BS
Misc :
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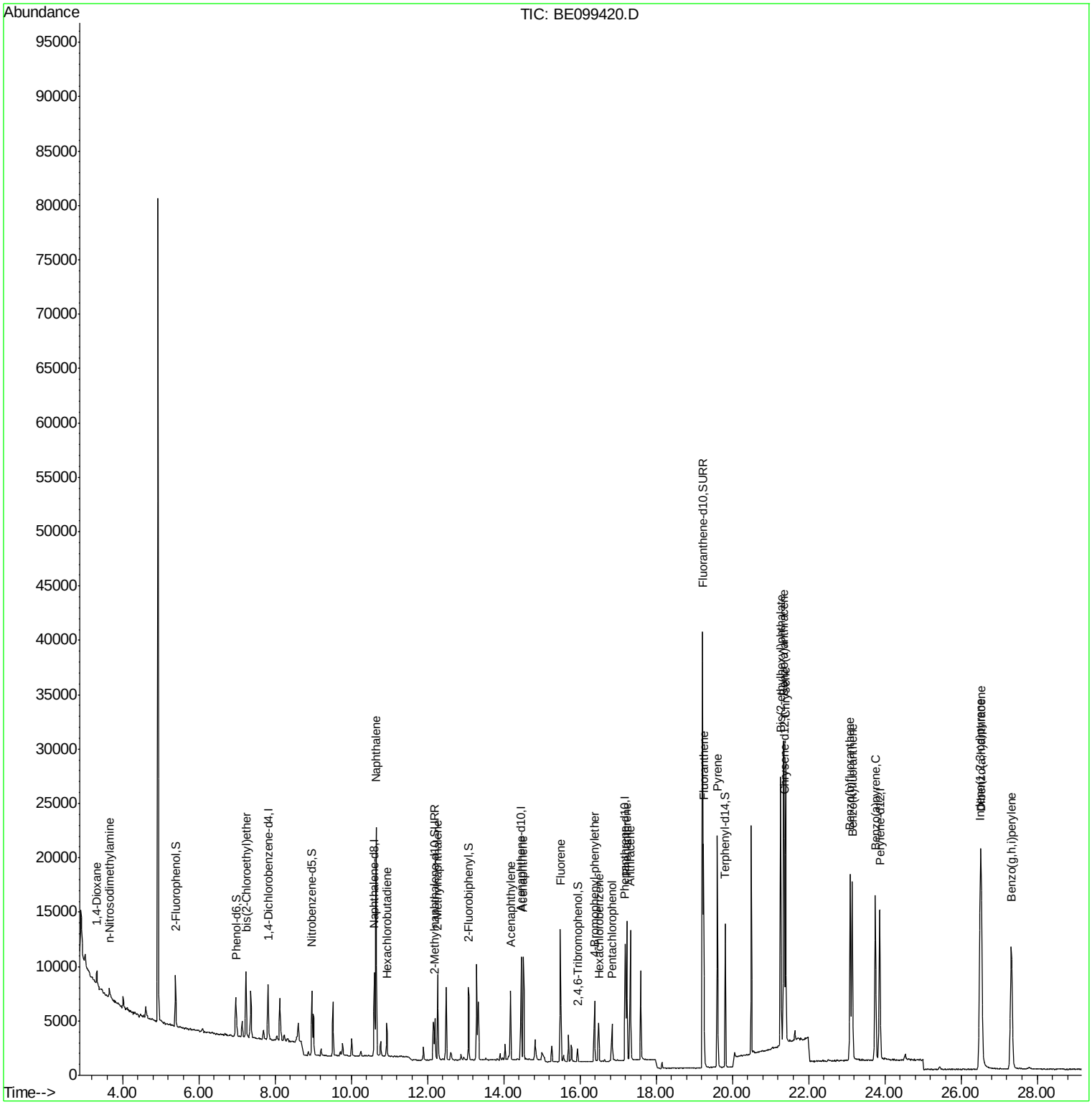
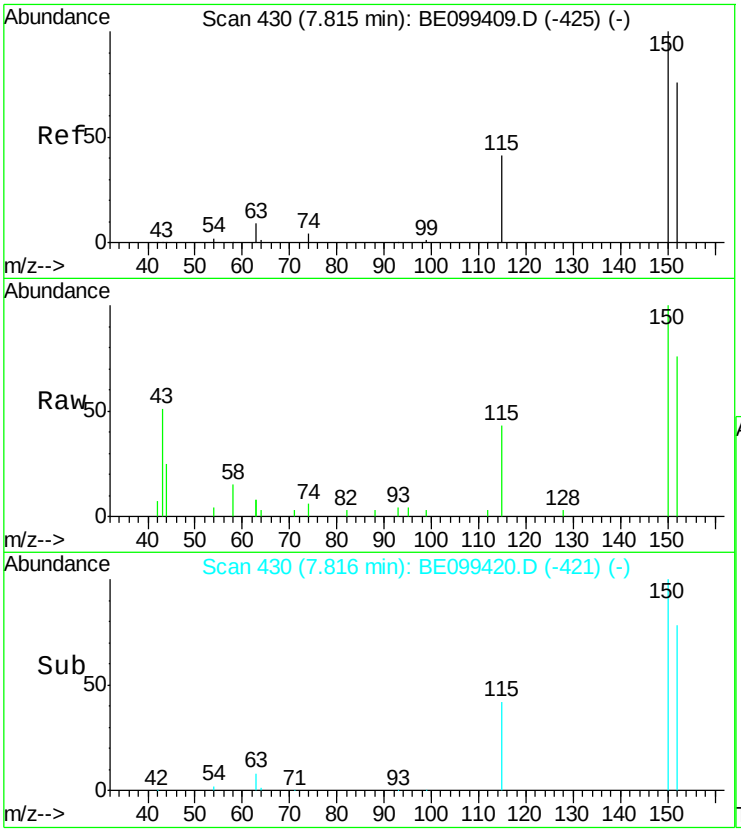
Instrument :
BNA_E
ClientSampleId :
PB119261BS

Quant Time: Apr 30 23:56:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



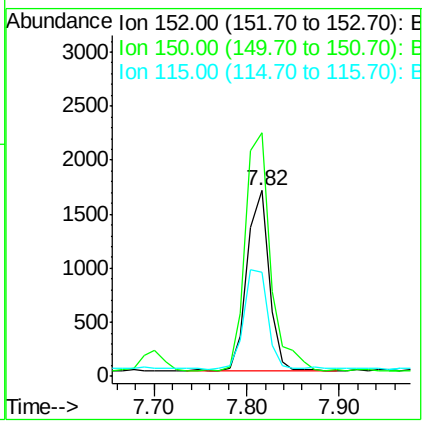


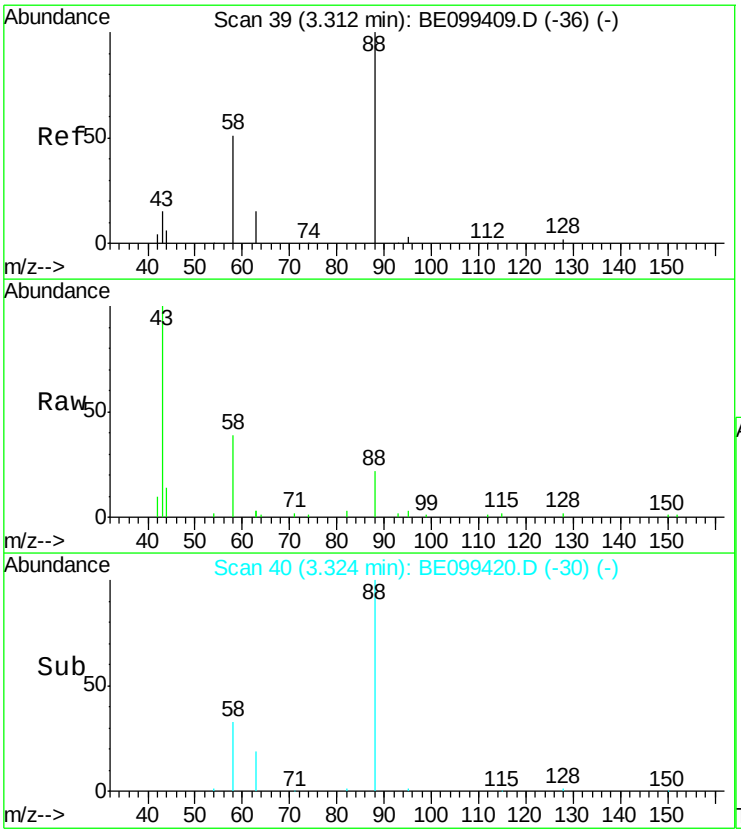
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:152 Resp: 2750

Ion	Ratio	Lower	Upper
152	100		
150	131.3	104.8	157.2
115	56.2	46.6	69.8

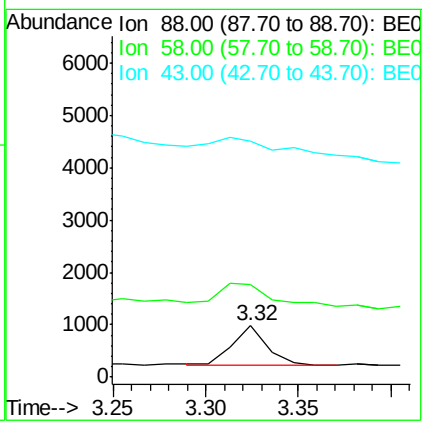


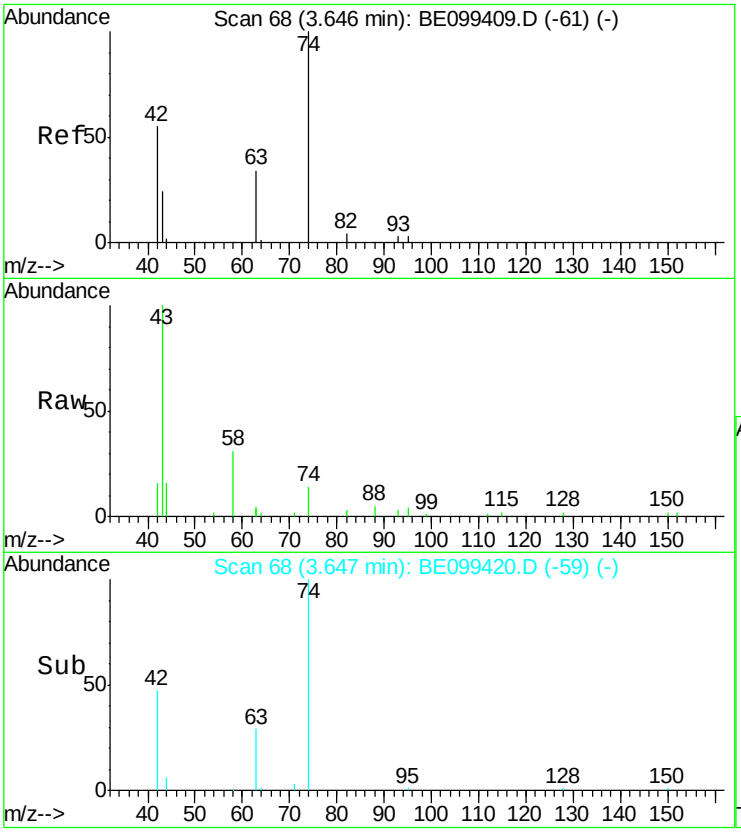


#2
1,4-Dioxane
Concen: 0.258 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion: 88 Resp: 976

Ion	Ratio	Lower	Upper
88	100		
58	88.5	51.0	76.6#
43	76.1	20.6	30.8#



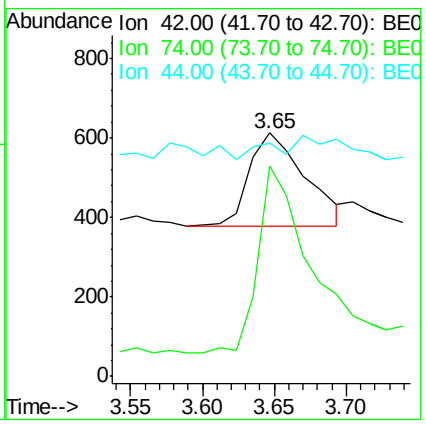


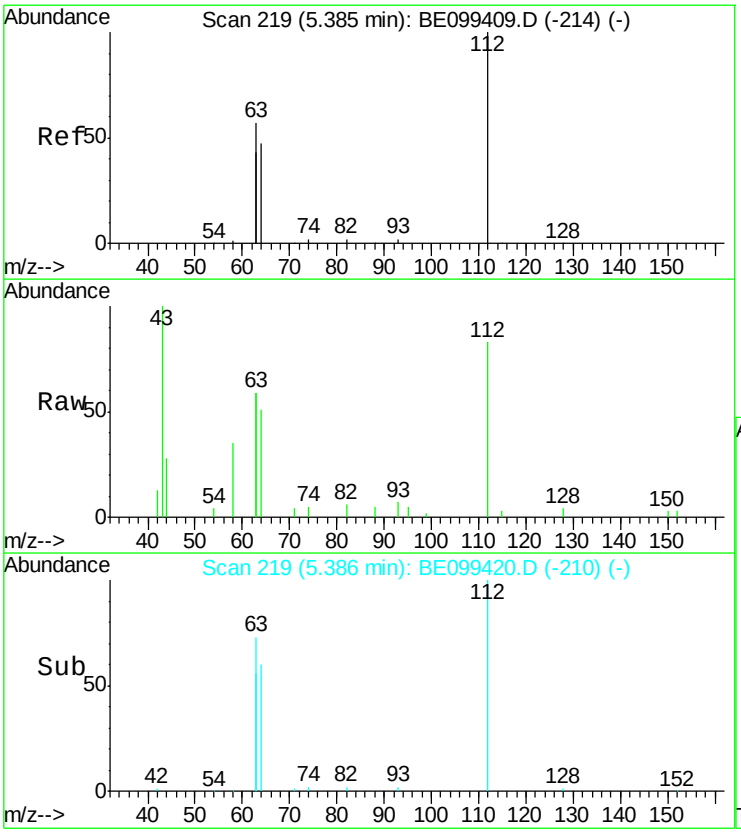
#3
n-Nitrosodimethylamine
Concen: 0.279 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion: 42 Resp: 636

Ion	Ratio	Lower	Upper
42	100		
74	182.4	141.6	212.4
44	9.6	0.0	0.0#

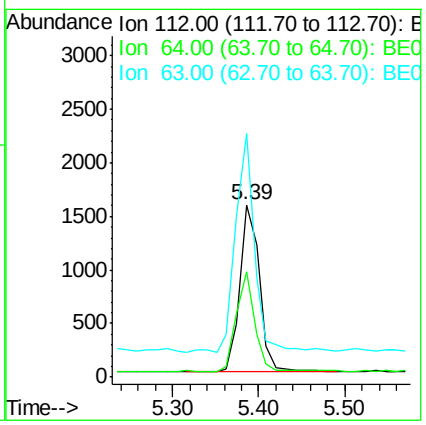


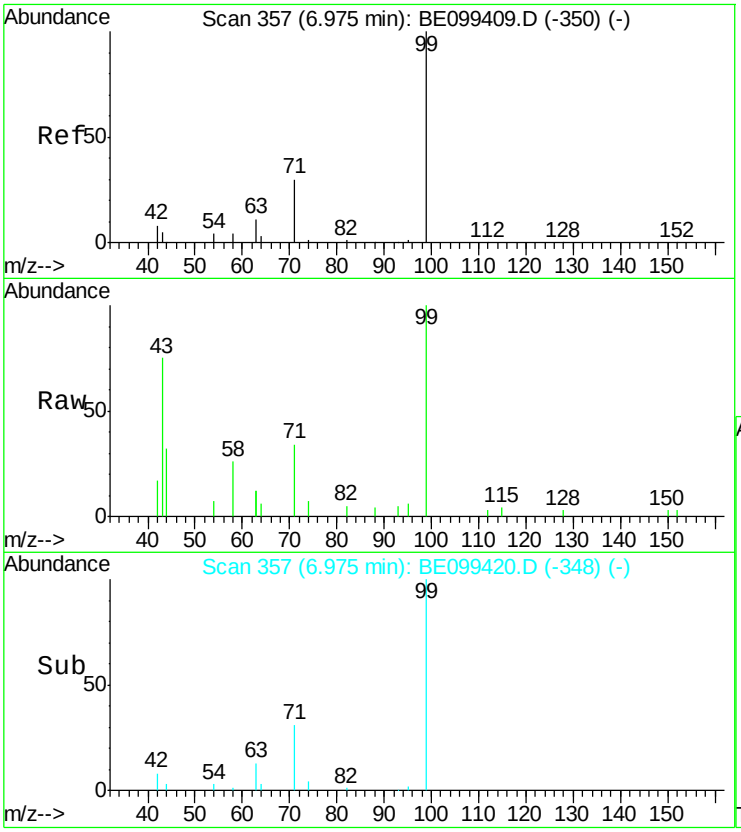


#4
2-Fluorophenol
Concen: 0.326 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:112 Resp: 2477

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.4	71.0
63	126.2	104.3	156.5



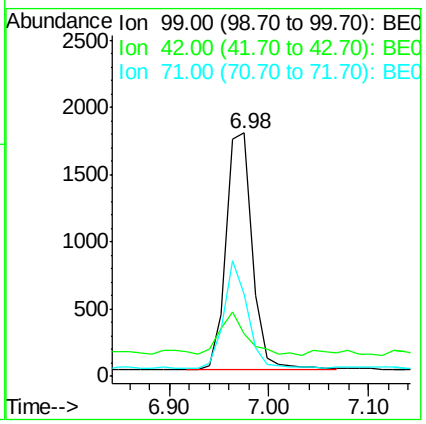


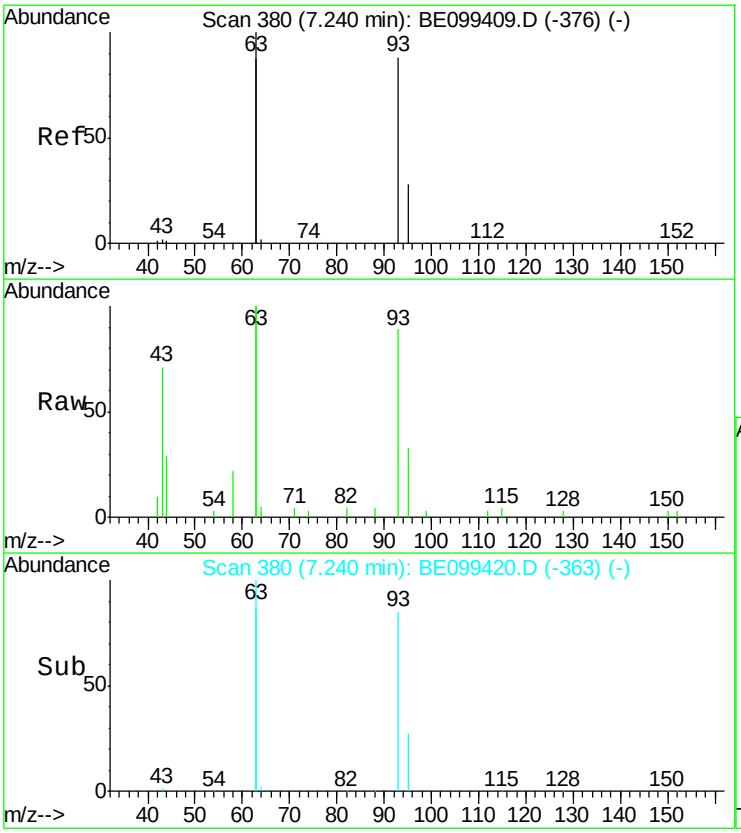
#5
Phenol-d6
Concen: 0.320 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion: 99 Resp: 3239

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	40.4	33.0	49.6

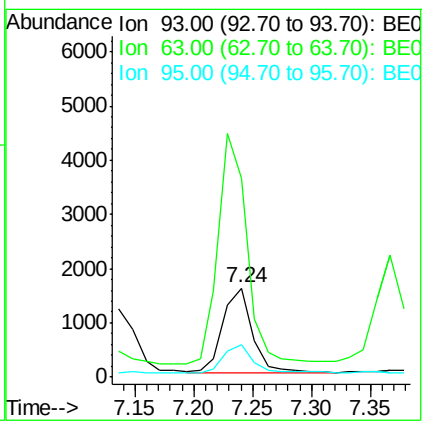


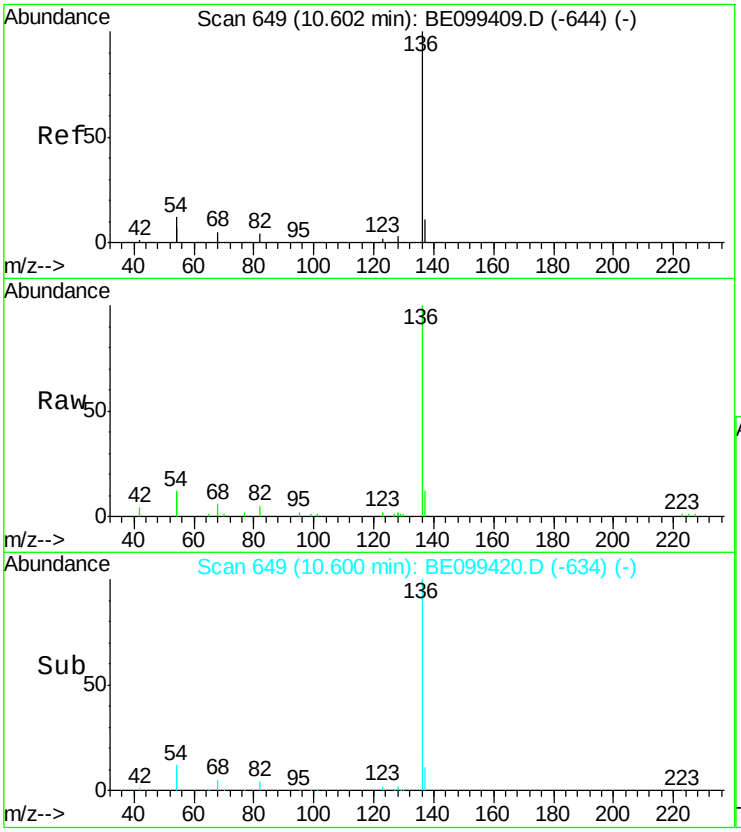


#6
bis(2-Chloroethyl)ether
Concen: 0.307 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion: 93 Resp: 2678

Ion	Ratio	Lower	Upper
93	100		
63	267.4	215.6	323.4
95	34.0	26.2	39.2



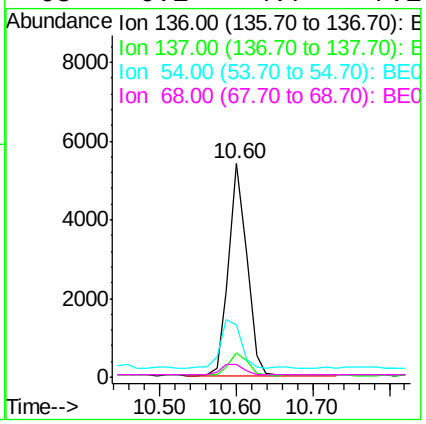


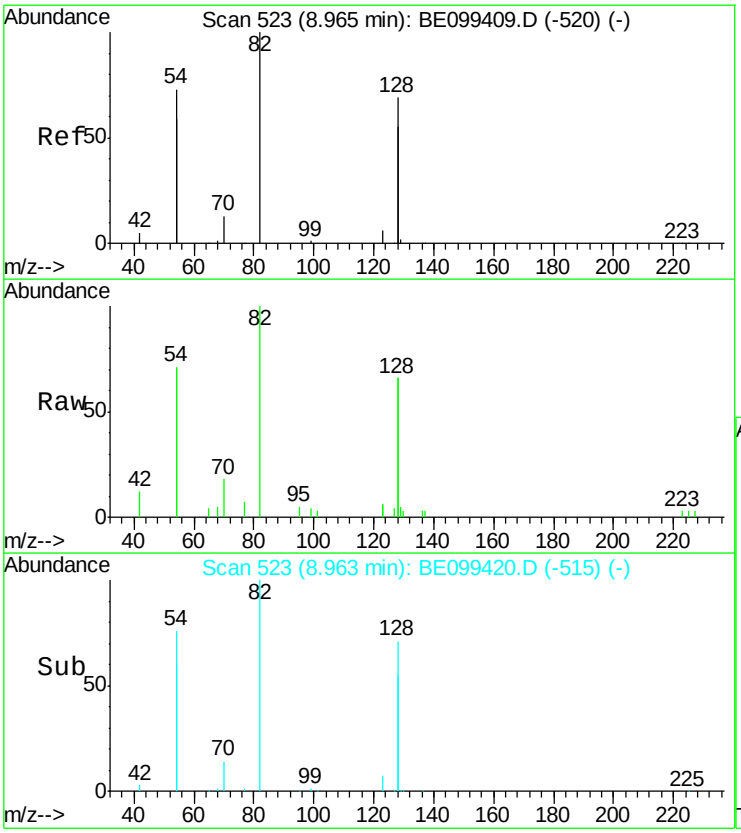
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:136 Resp: 8950

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.8
54	24.7	18.5	27.7
68	6.1	4.7	7.1

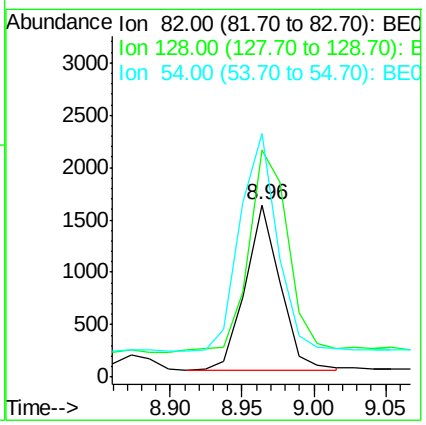


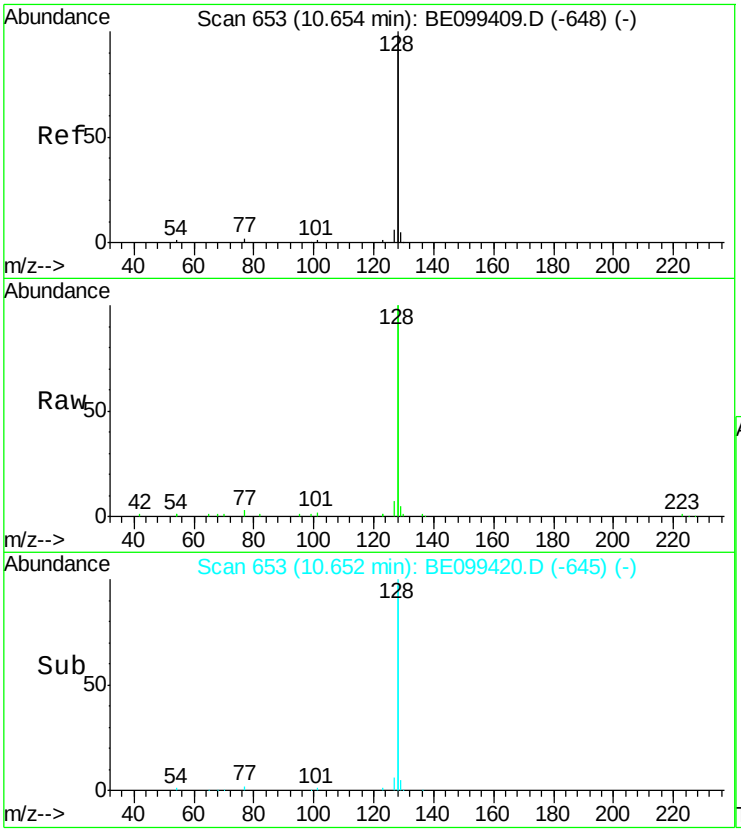


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion: 82 Resp: 2643

Ion	Ratio	Lower	Upper
82	100		
128	132.3	107.0	160.4
54	141.5	113.1	169.7



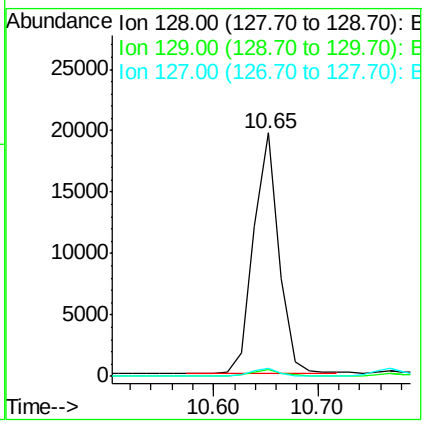


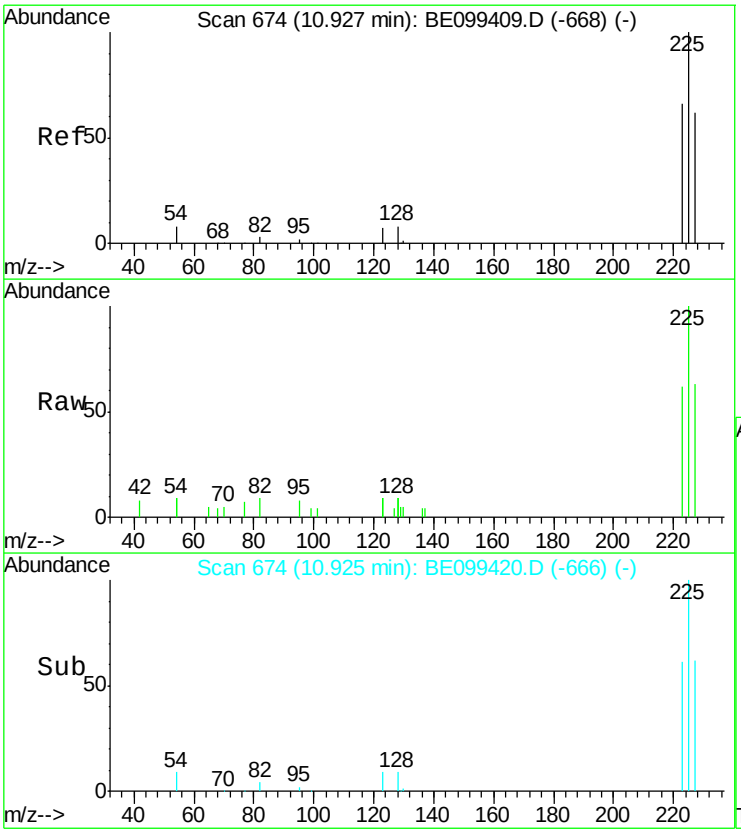
#9
Naphthalene
Concen: 0.338 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:128 Resp: 32948

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.4	3.6
127	3.3	2.8	4.2

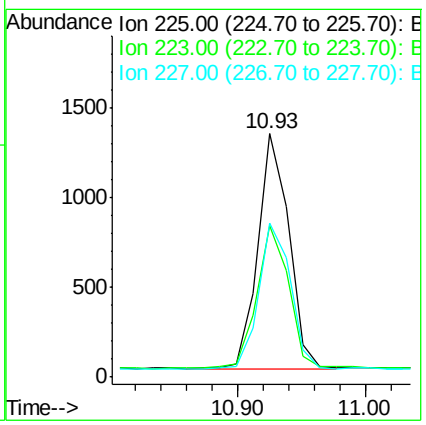


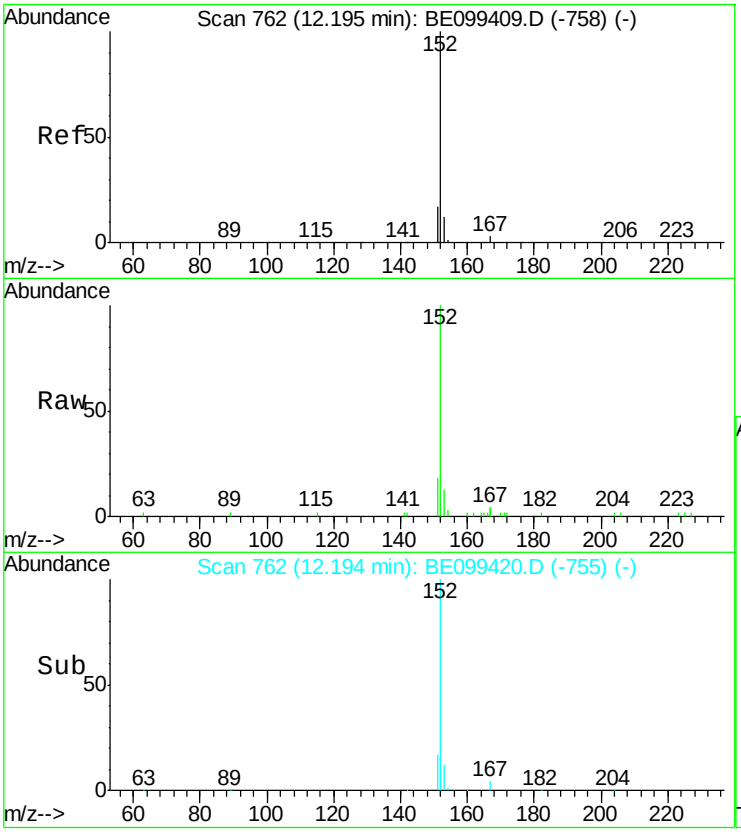


#10
Hexachlorobutadiene
Concen: 0.324 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:225 Resp: 2196

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.4	50.9	76.3



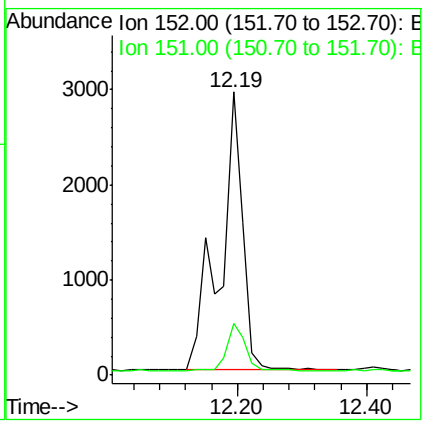


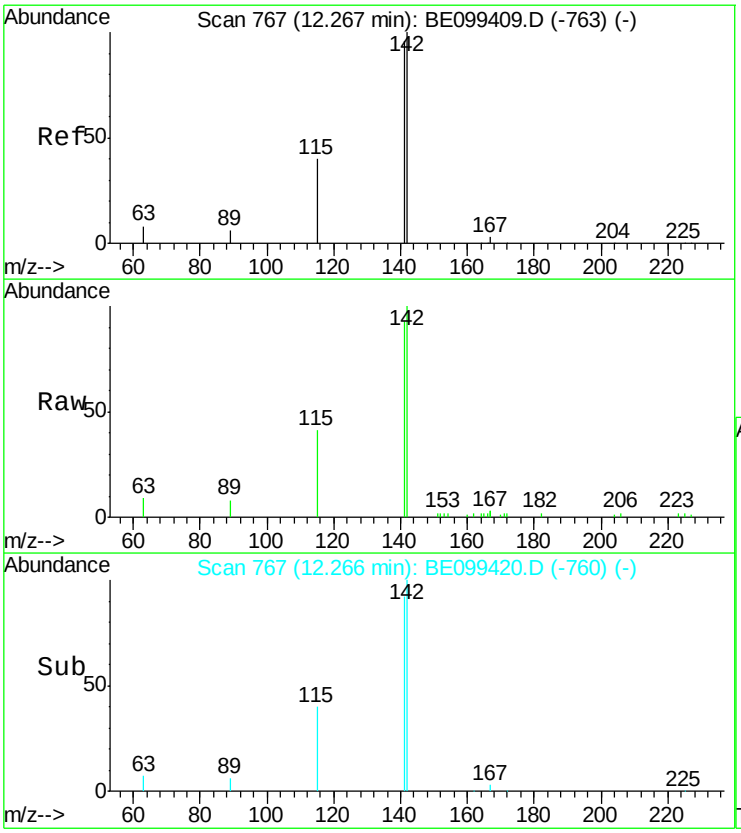
#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:152 Resp: 7119

Ion	Ratio	Lower	Upper
152	100		
151	13.3	15.5	23.3#

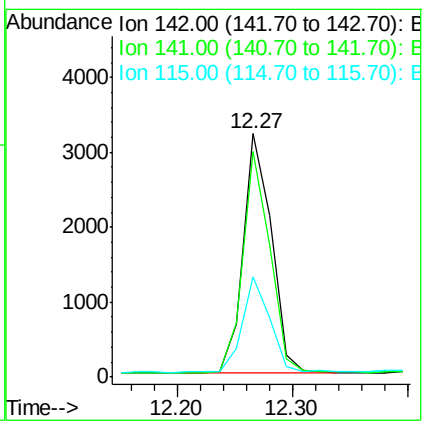


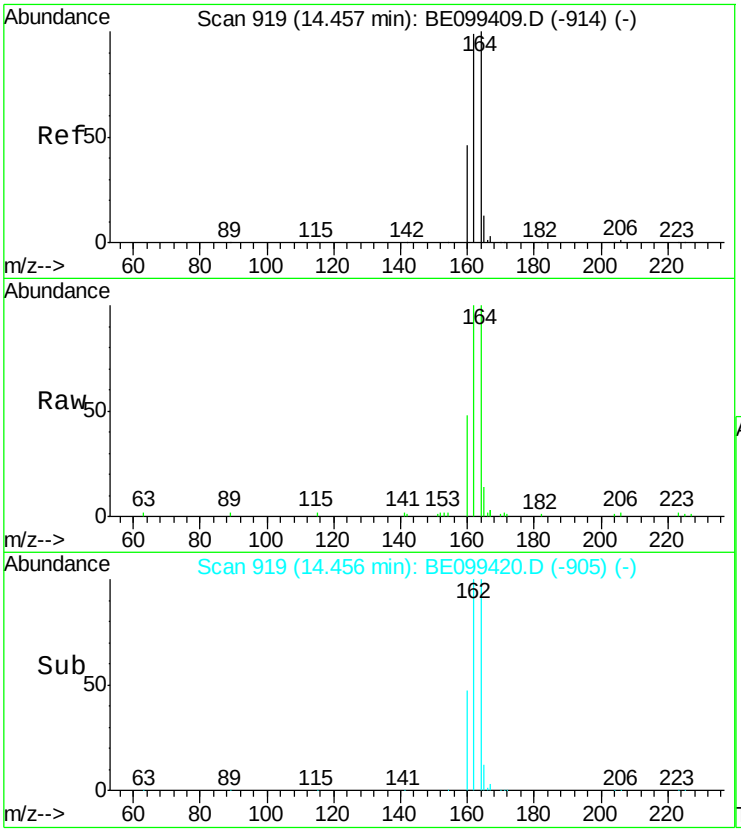


#12
2-Methylnaphthalene
Concen: 0.320 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:142 Resp: 5426

Ion	Ratio	Lower	Upper
142	100		
141	92.6	77.0	115.4
115	41.0	33.4	50.0



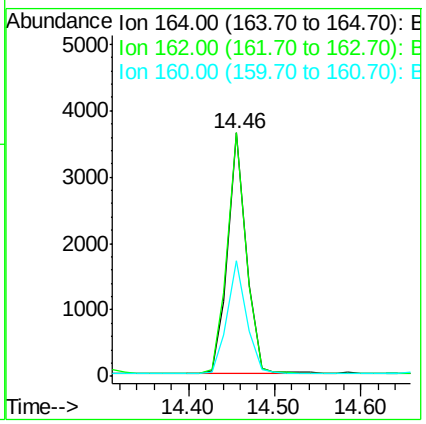


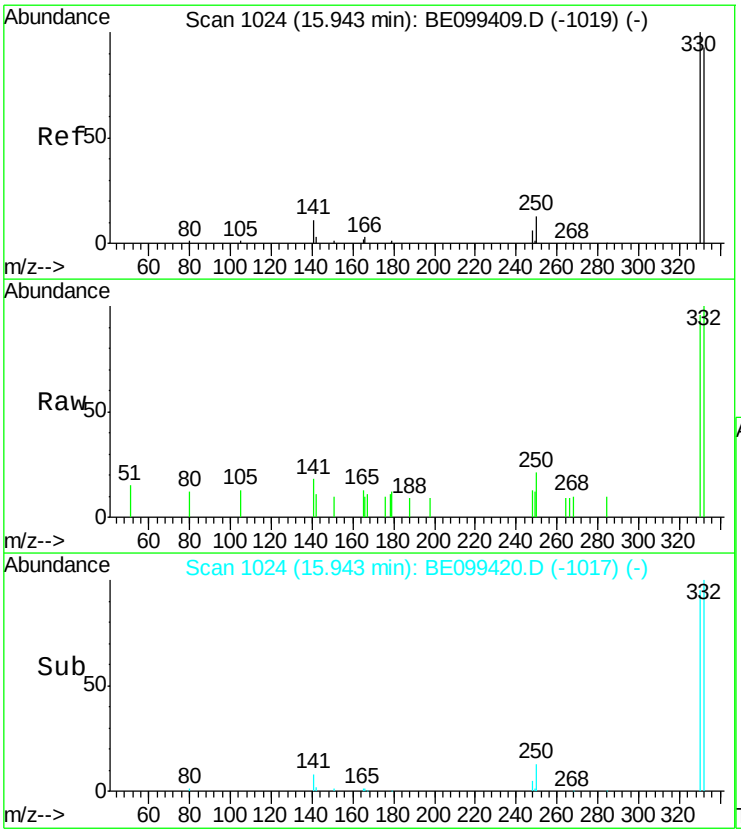
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:164 Resp: 5323

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.0	118.4
160	47.8	37.0	55.4

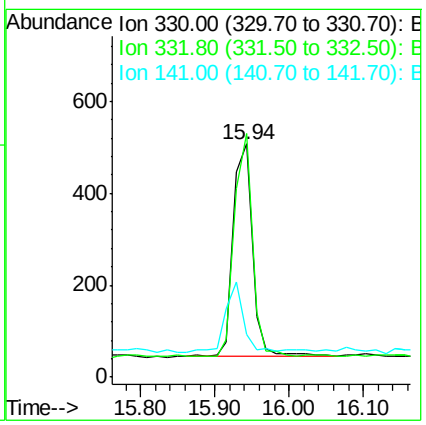


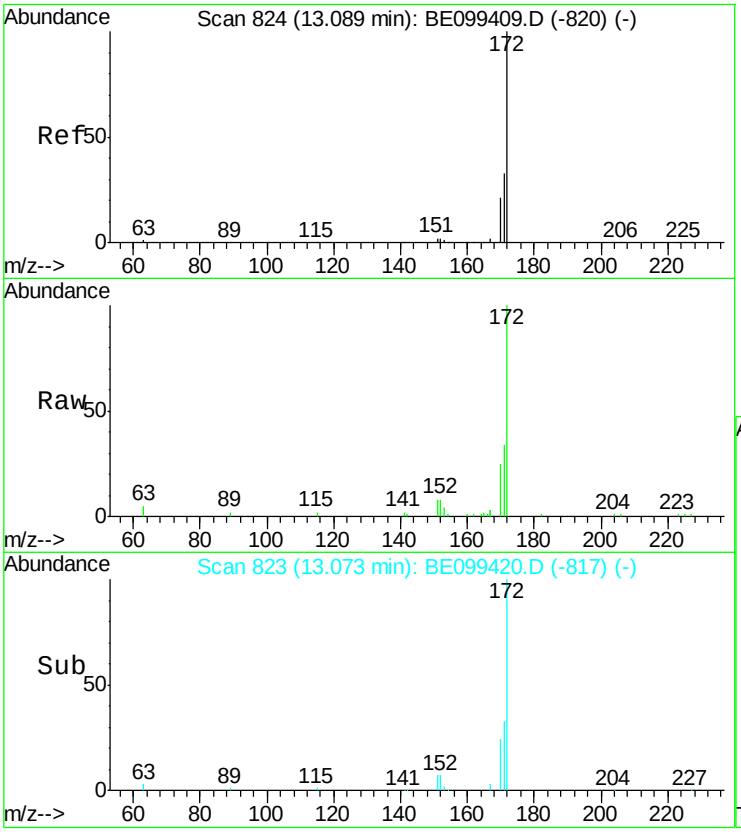


#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:330 Resp: 835

Ion	Ratio	Lower	Upper
330	100		
332	97.4	71.5	107.3
141	32.6	24.0	36.0



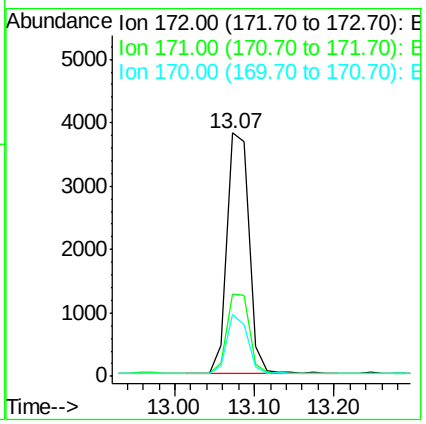


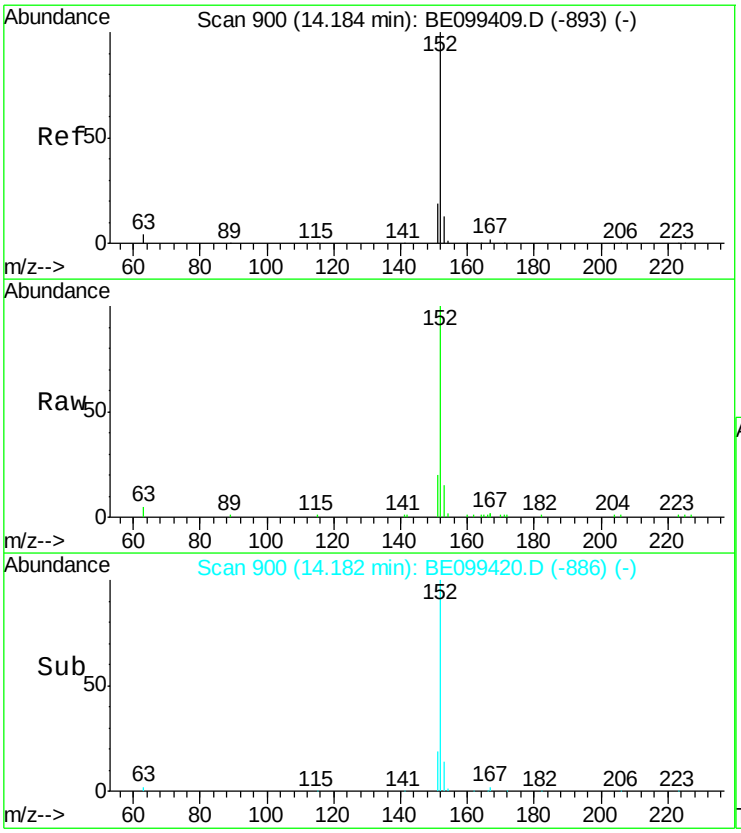
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:172 Resp: 7298

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.6	39.8
170	25.4	17.0	25.6

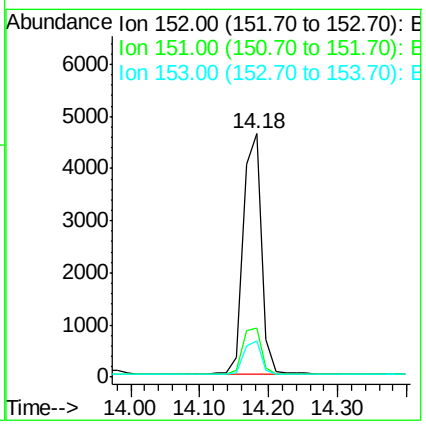


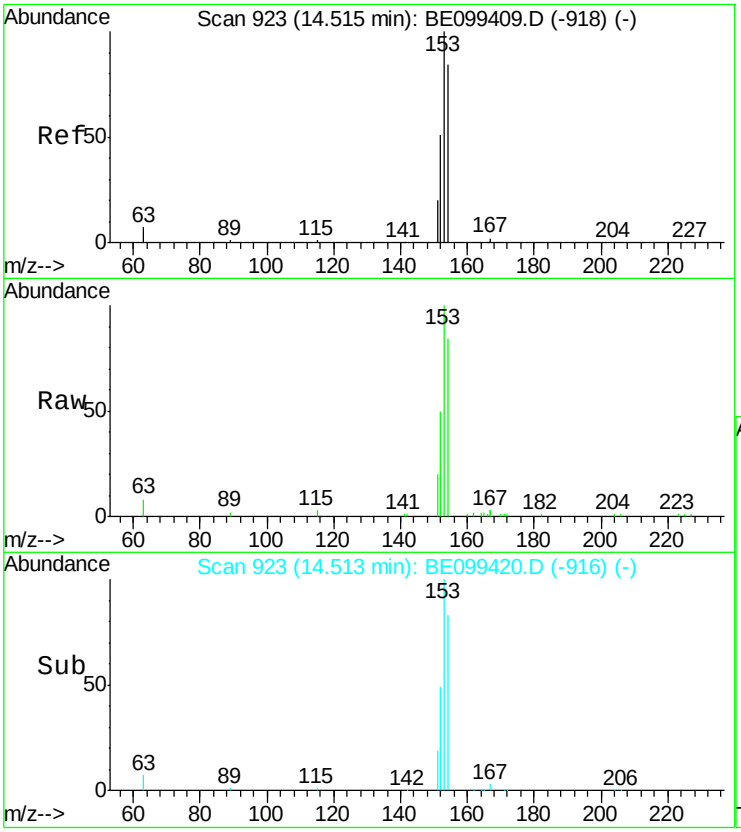


#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:152 Resp: 8587

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2
153	13.3	9.8	14.6



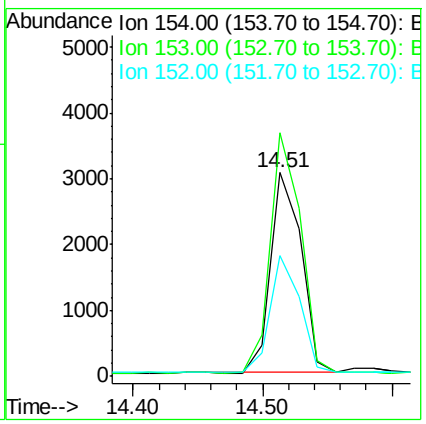


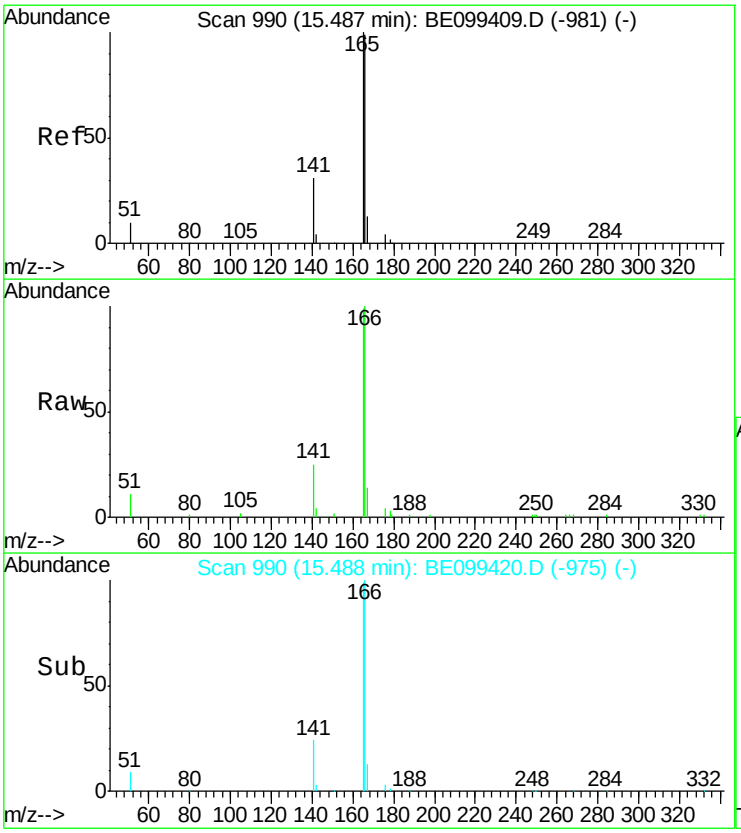
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:154 Resp: 5032

Ion	Ratio	Lower	Upper
154	100		
153	118.5	92.6	138.8
152	57.7	45.8	68.8

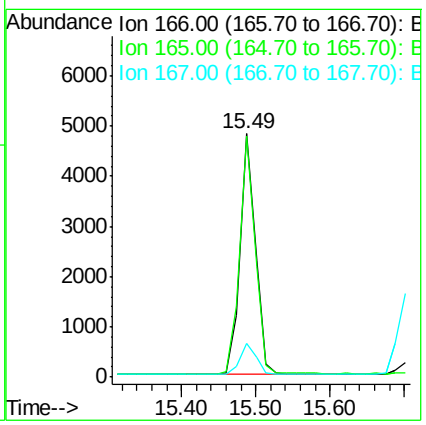


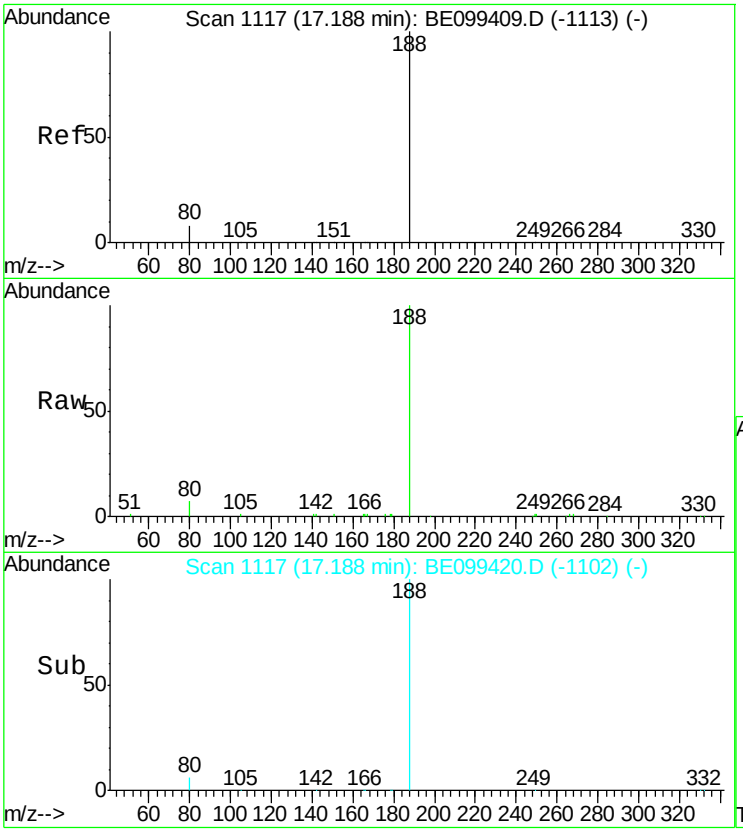


#18
Fluorene
Concen: 0.315 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:166 Resp: 6914

Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.3	120.5
167	13.8	10.7	16.1



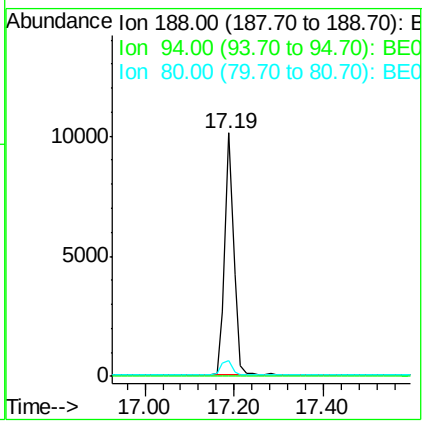


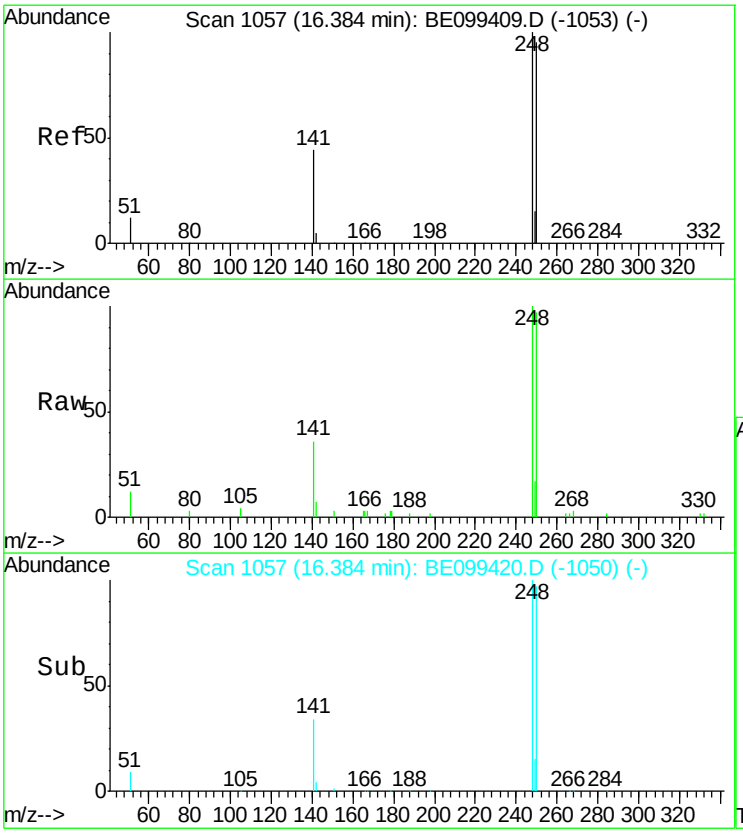
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:188 Resp: 14338

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.7	10.1#

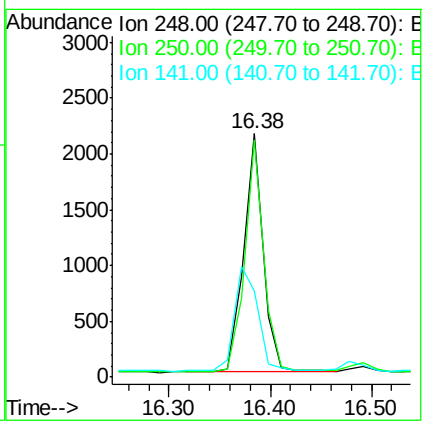


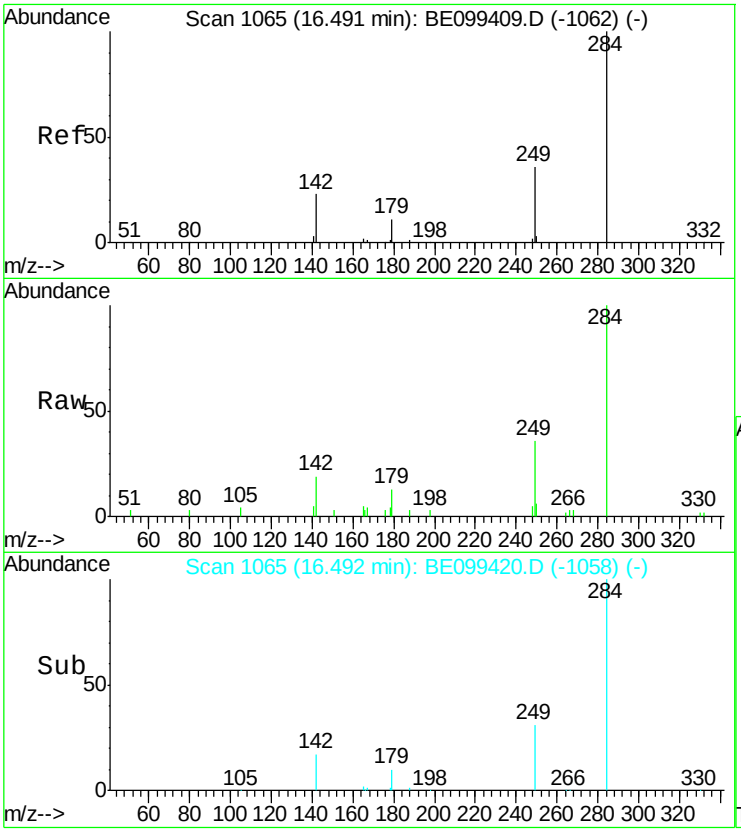


#20
4-Bromophenyl-phenylether
Concen: 0.345 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:248 Resp: 2883

Ion	Ratio	Lower	Upper
248	100		
250	97.2	75.8	113.8
141	35.6	35.7	53.5#



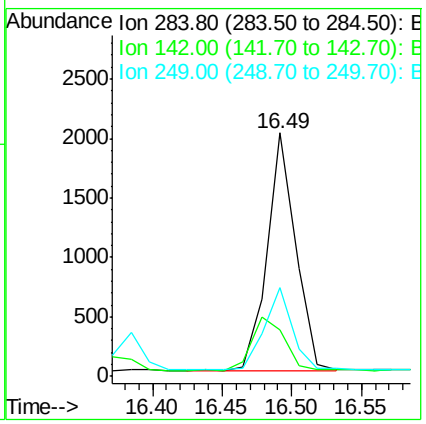


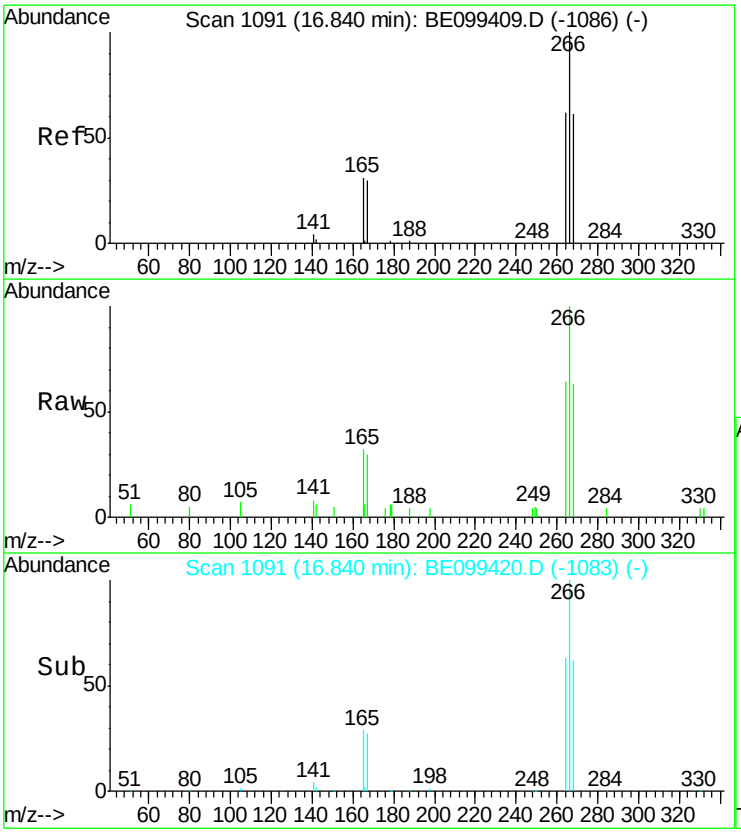
#21
Hexachlorobenzene
Concen: 0.358 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:284 Resp: 2848

Ion	Ratio	Lower	Upper
284	100		
142	25.9	21.0	31.6
249	34.0	26.7	40.1

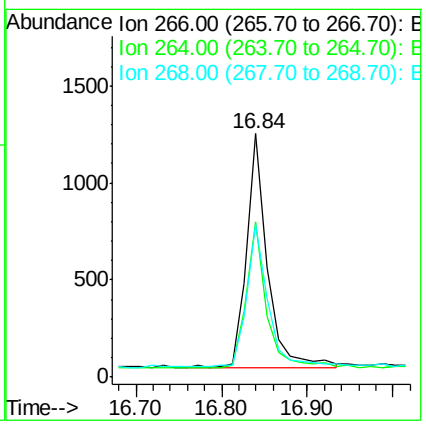


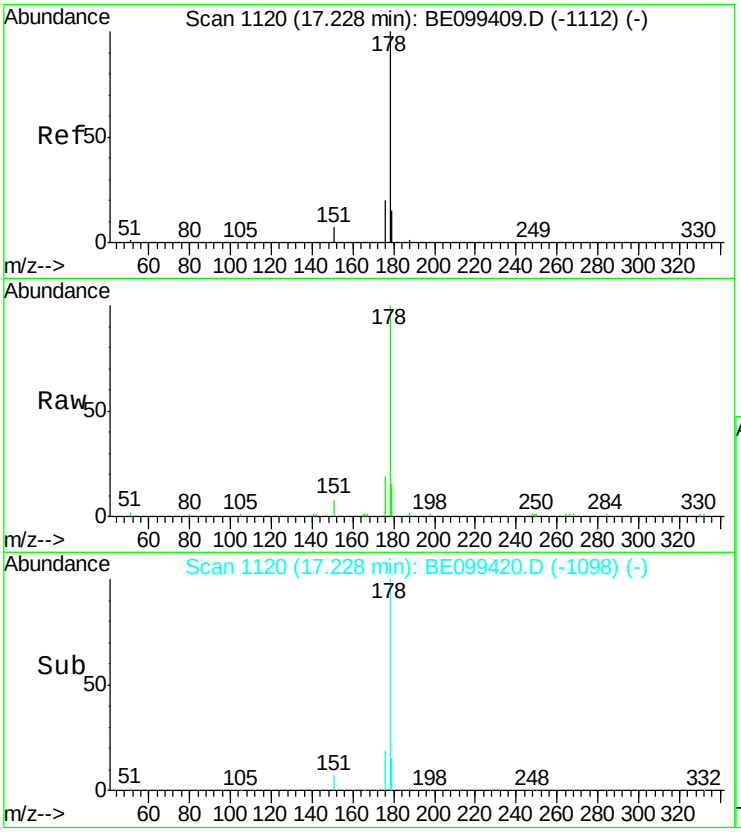


#22
Pentachlorophenol
Concen: 0.639 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:266 Resp: 2025

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.8	76.2
268	62.9	50.5	75.7



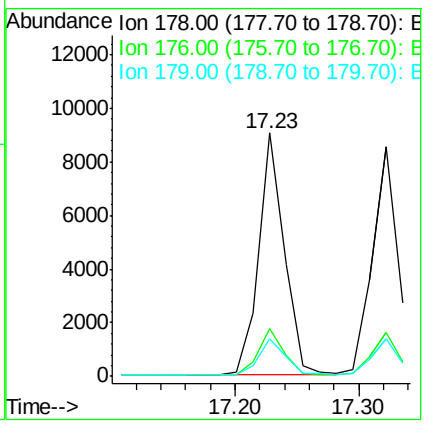


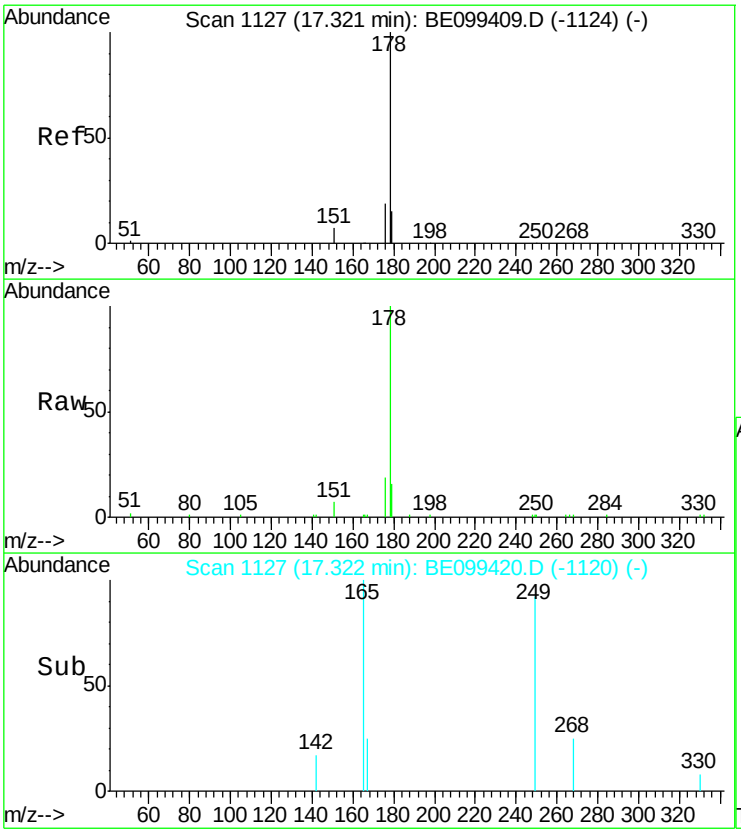
#23
Phenanthrene
Concen: 0.349 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:178 Resp: 12901

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.3	12.0	18.0

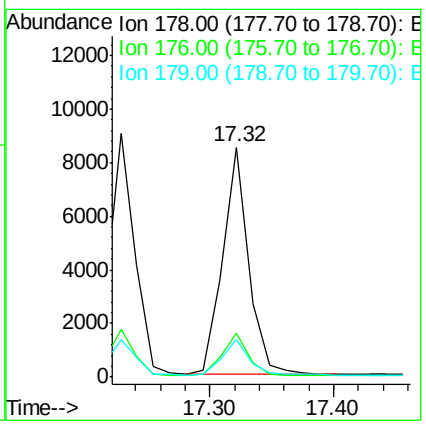


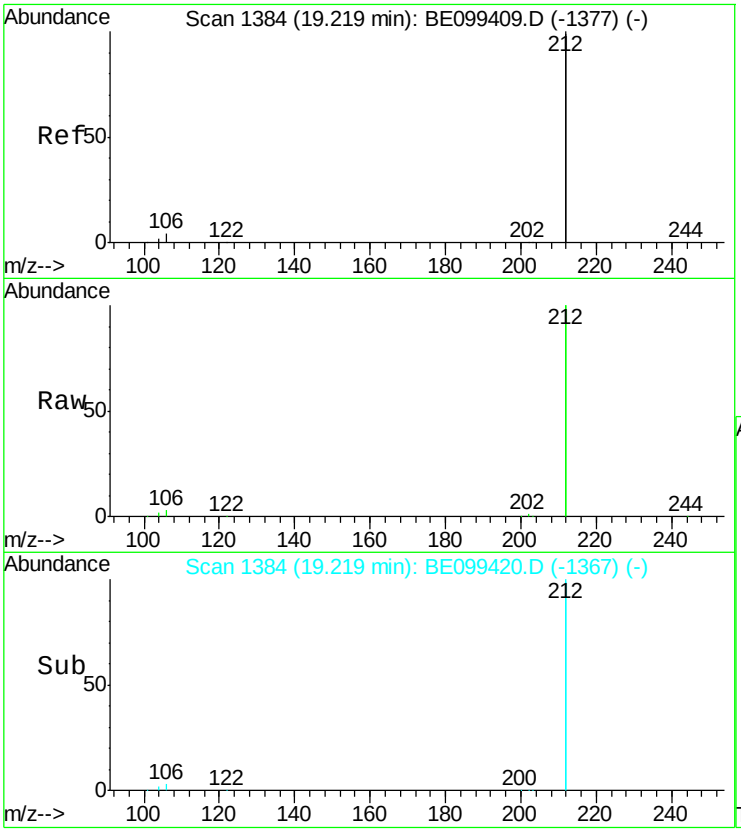


#24
Anthracene
Concen: 0.348 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:178 Resp: 12272

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.9	11.9	17.9



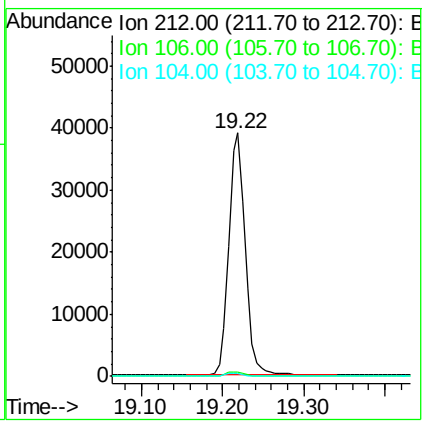


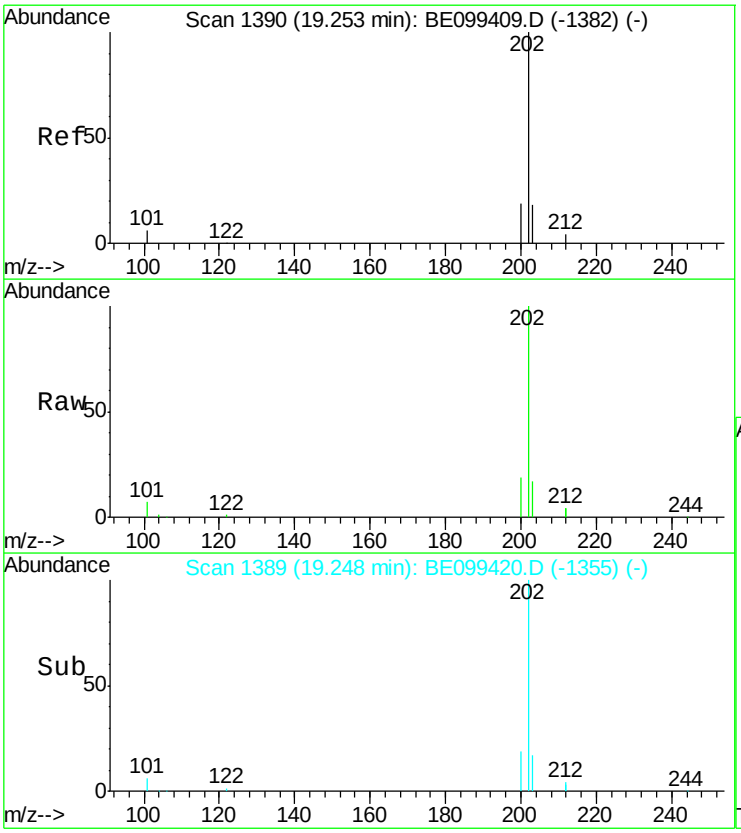
#25
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:212 Resp: 54642

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

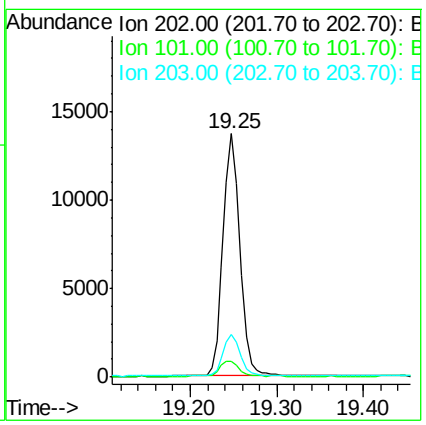


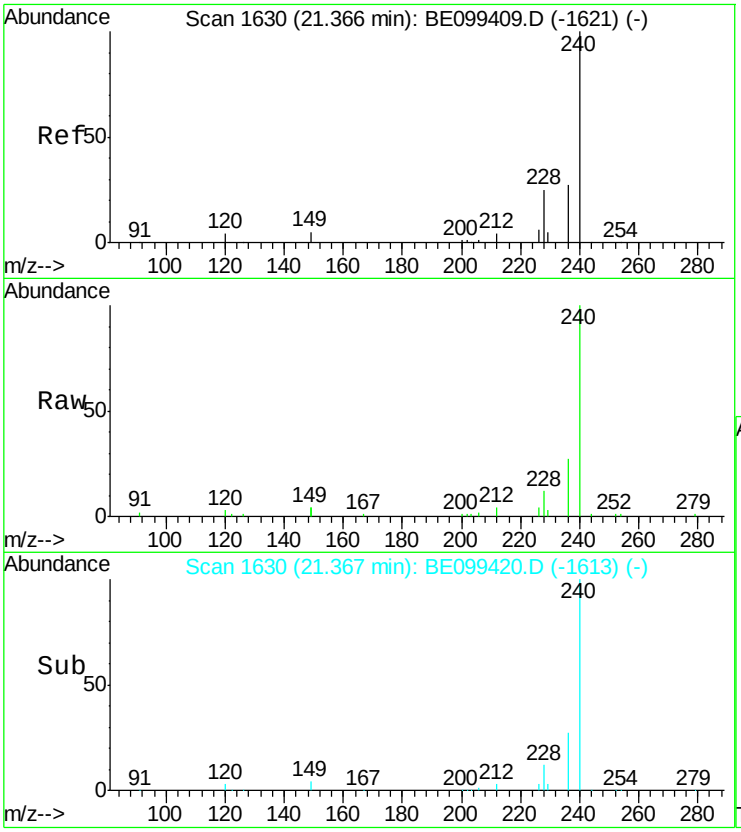


#26
Fluoranthene
Concen: 0.337 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:202 Resp: 18650

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	17.1	13.9	20.9



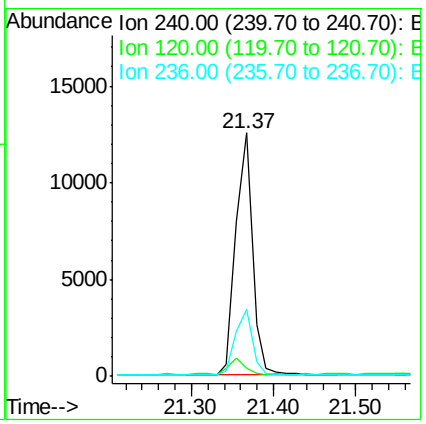


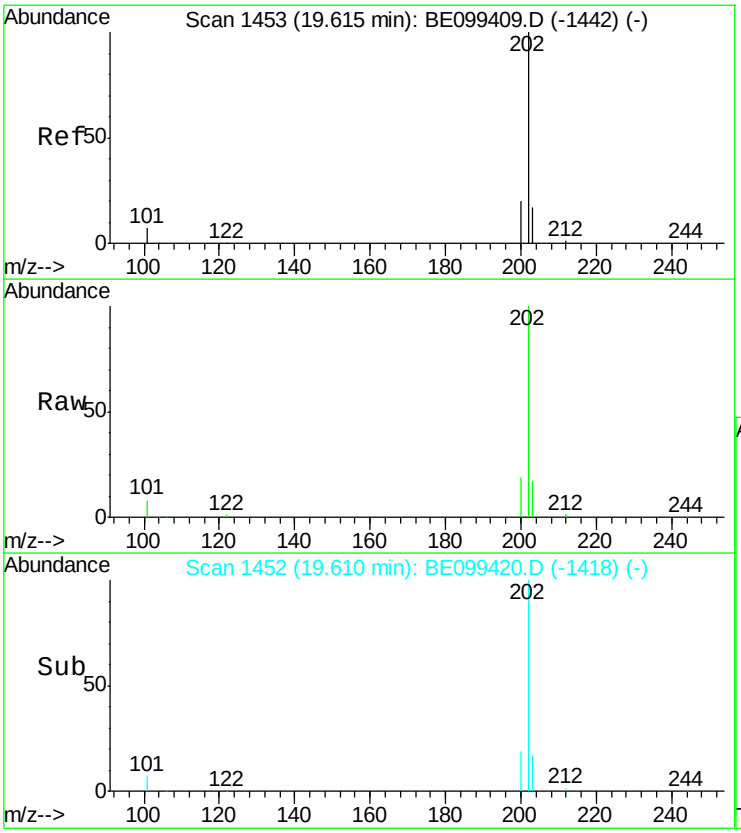
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:240 Resp: 17777

Ion	Ratio	Lower	Upper
240	100		
120	3.5	4.0	6.0#
236	27.4	22.0	33.0

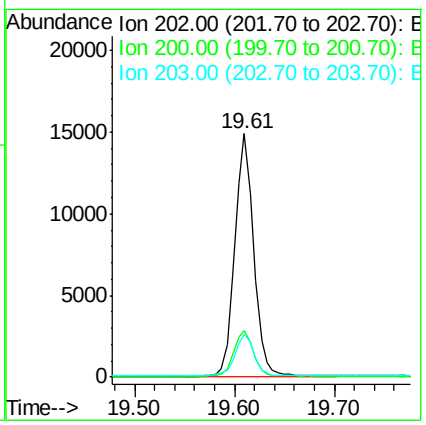


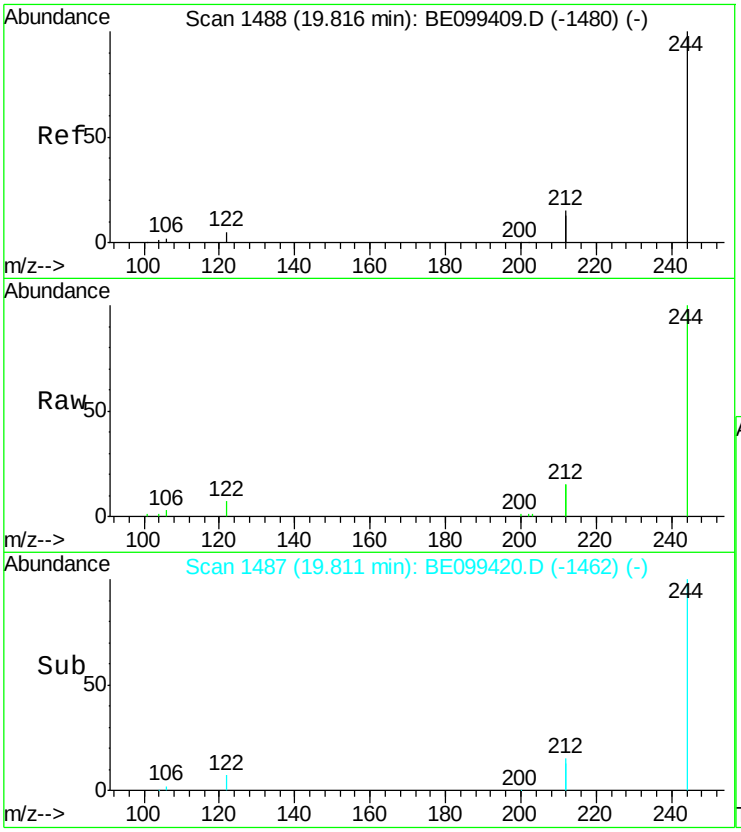


#28
Pyrene
Concen: 0.419 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:202 Resp: 19431

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.7	23.5
203	18.0	13.9	20.9



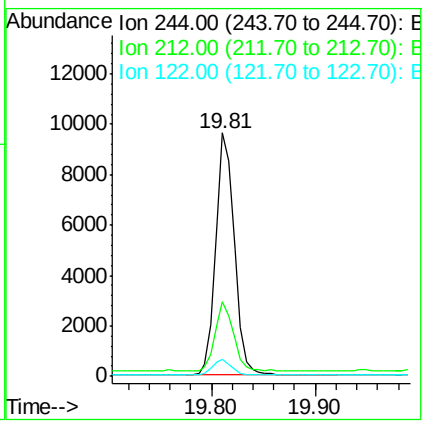


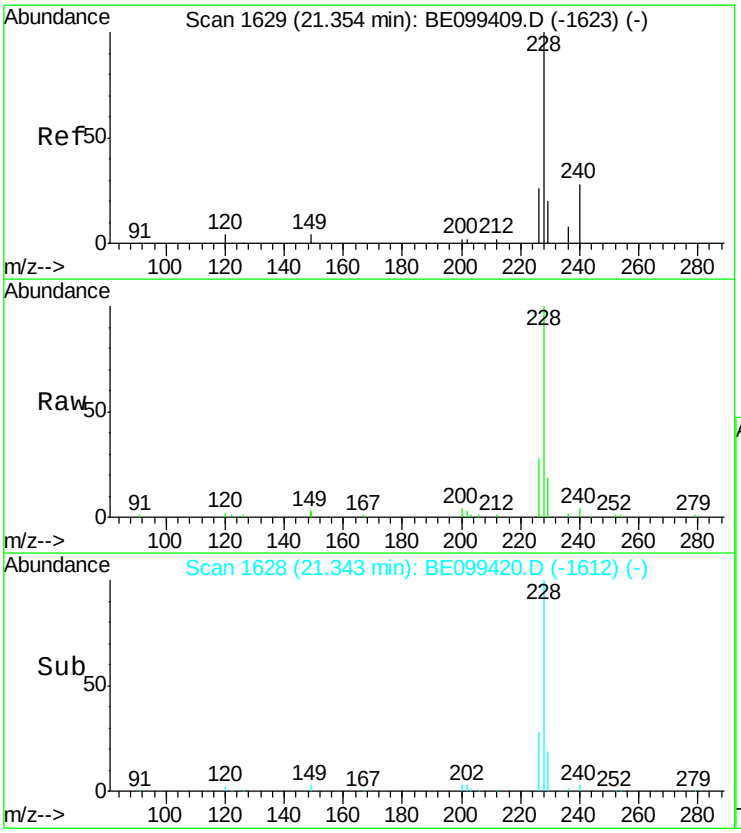
#29
Terphenyl-d14
Concen: 0.369 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:244 Resp: 12016

Ion	Ratio	Lower	Upper
244	100		
212	30.5	23.2	34.8
122	7.0	4.2	6.4#

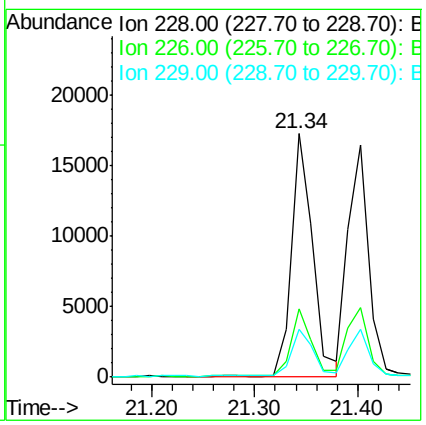


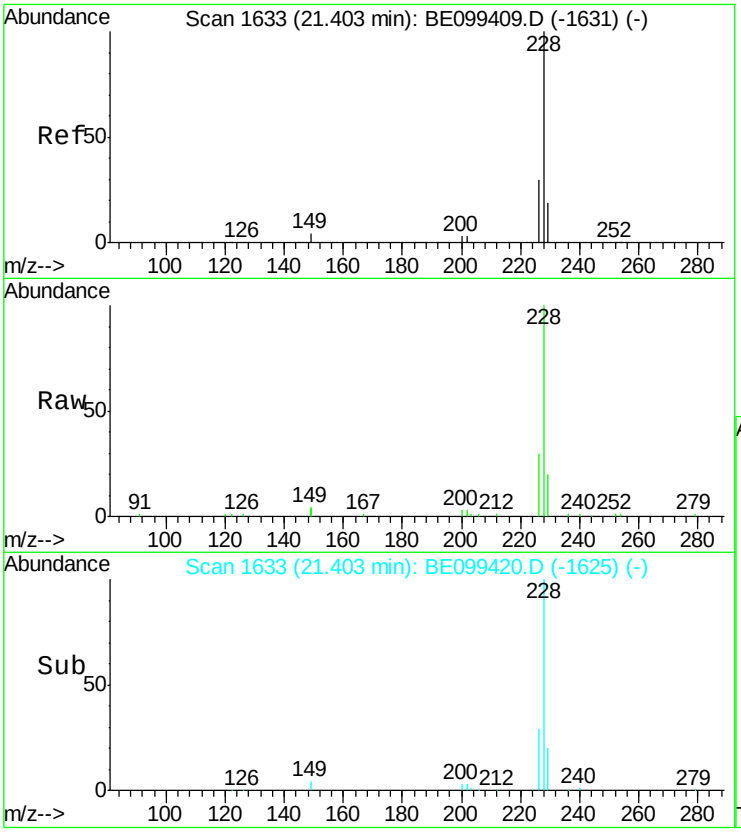


#30
Benzo(a)anthracene
Concen: 0.436 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:228 Resp: 24710

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.0	31.6
229	19.5	16.6	25.0



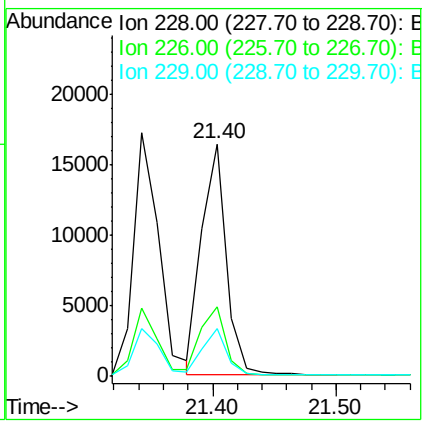


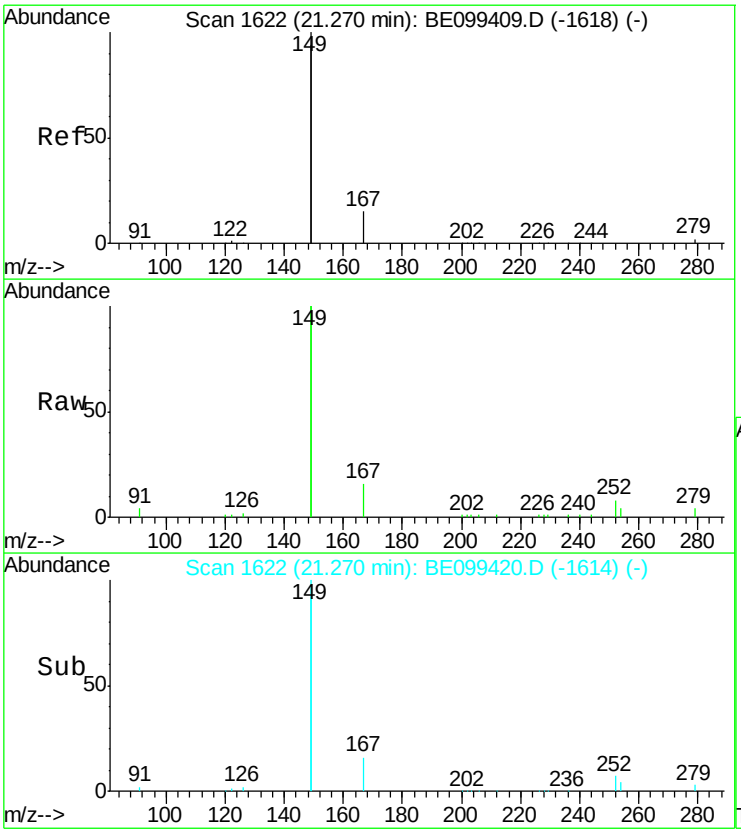
#31
Chrysene
Concen: 0.411 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:228 Resp: 22761

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.3	15.8	23.8

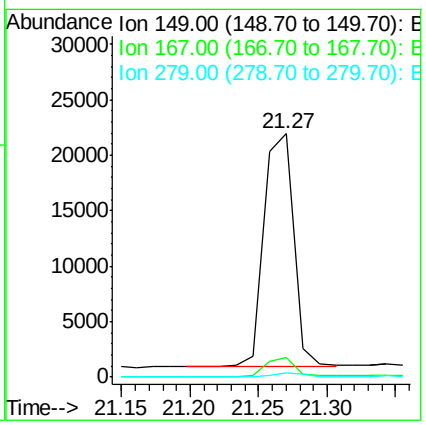


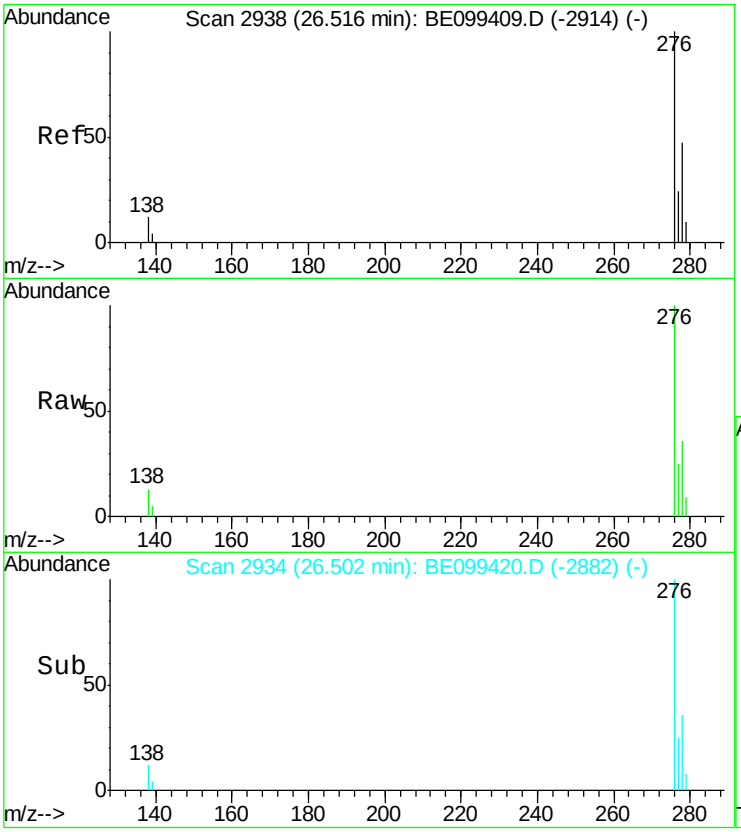


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.321 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:149 Resp: 31353

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.8	8.6
279	1.5	1.0	1.6



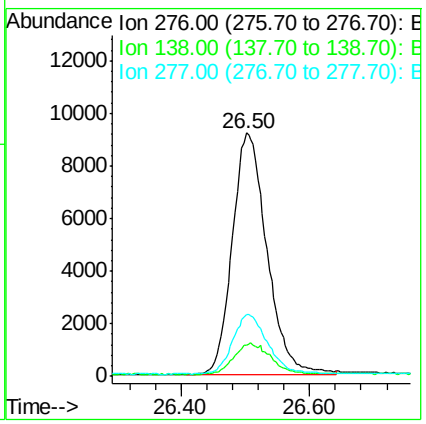


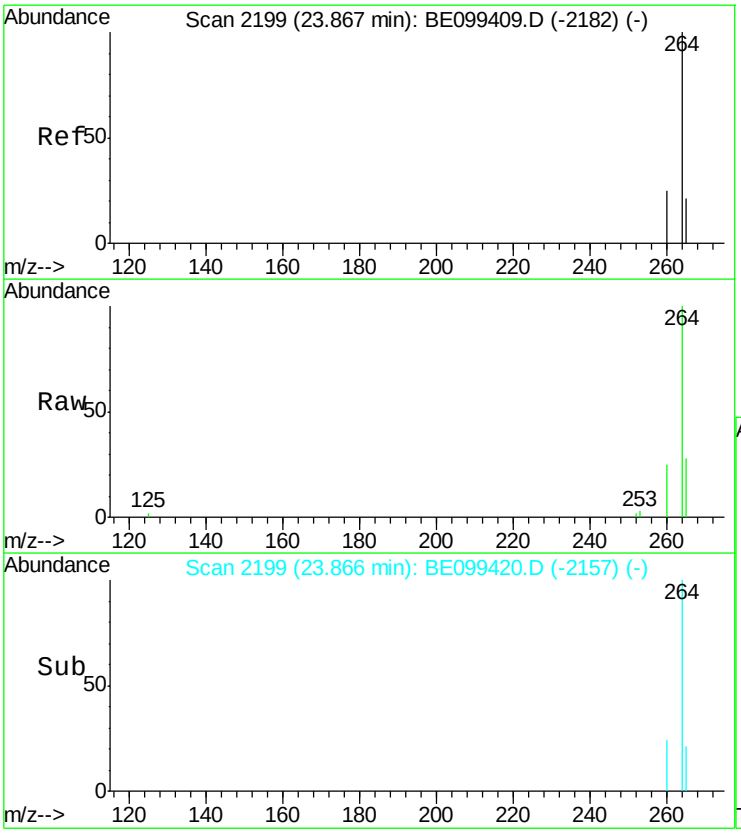
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.526 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:276 Resp: 34450

Ion	Ratio	Lower	Upper
276	100		
138	13.3	10.2	15.2
277	24.9	19.2	28.8

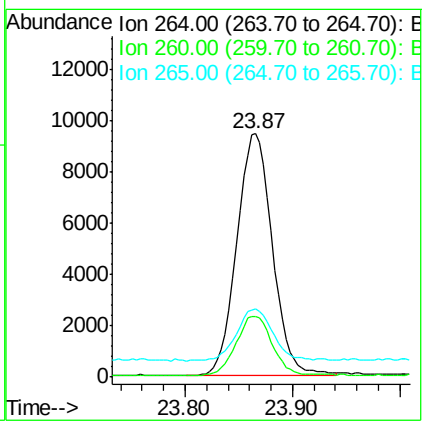


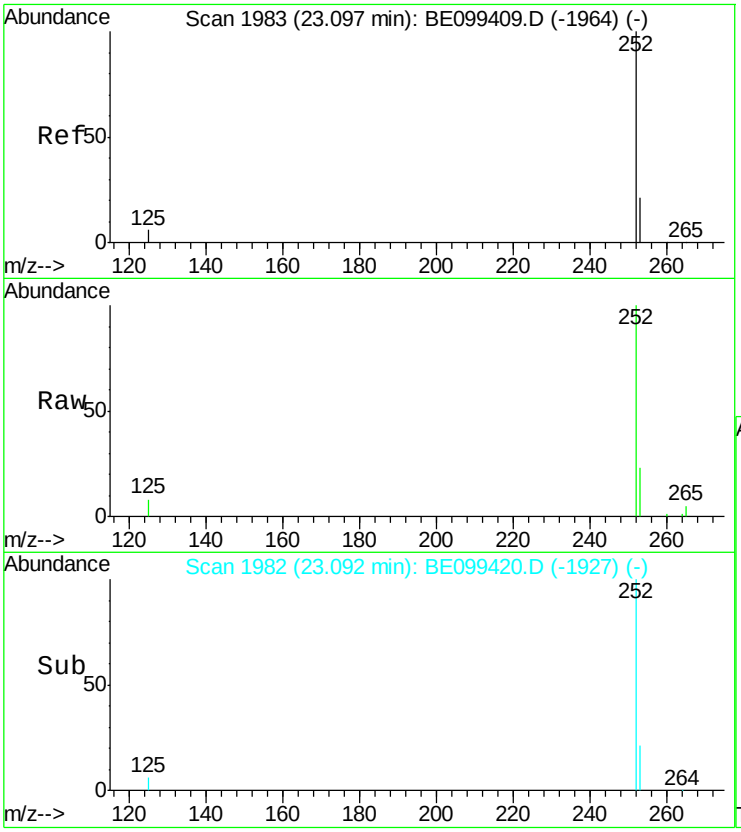


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:264 Resp: 21605

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	27.9	21.3	31.9



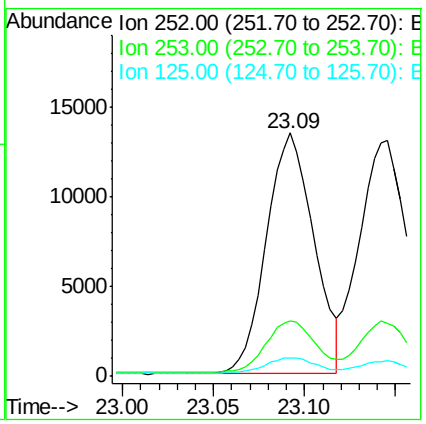


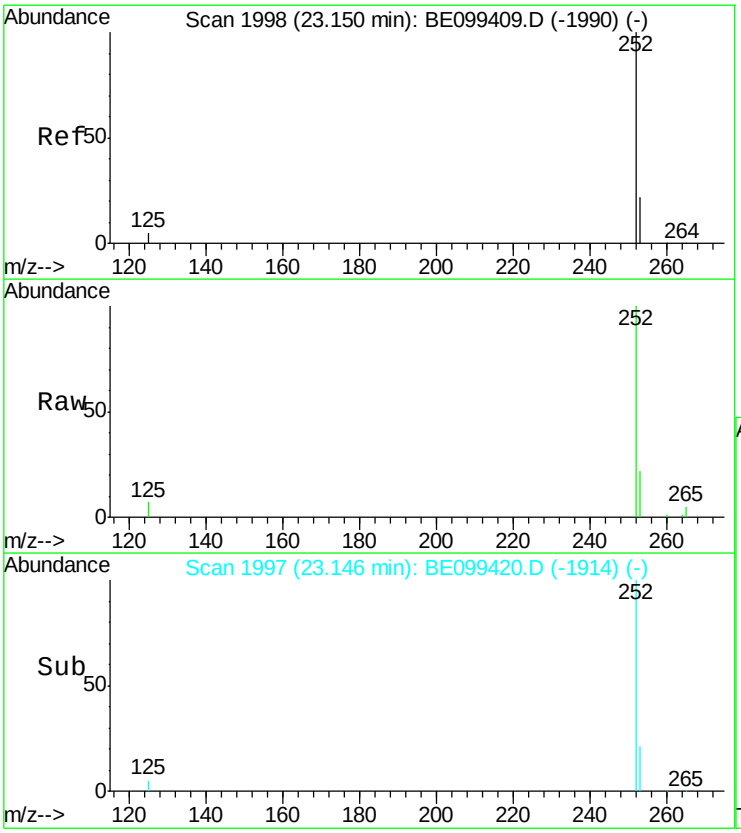
#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:252 Resp: 24330

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	7.7	5.6	8.4

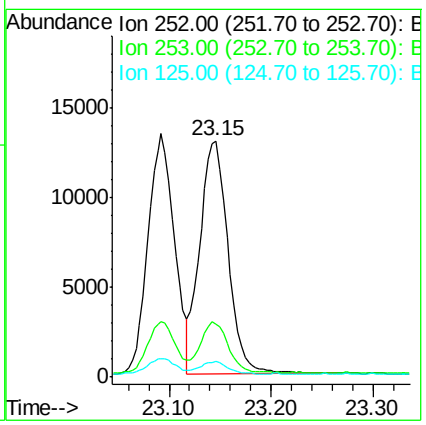


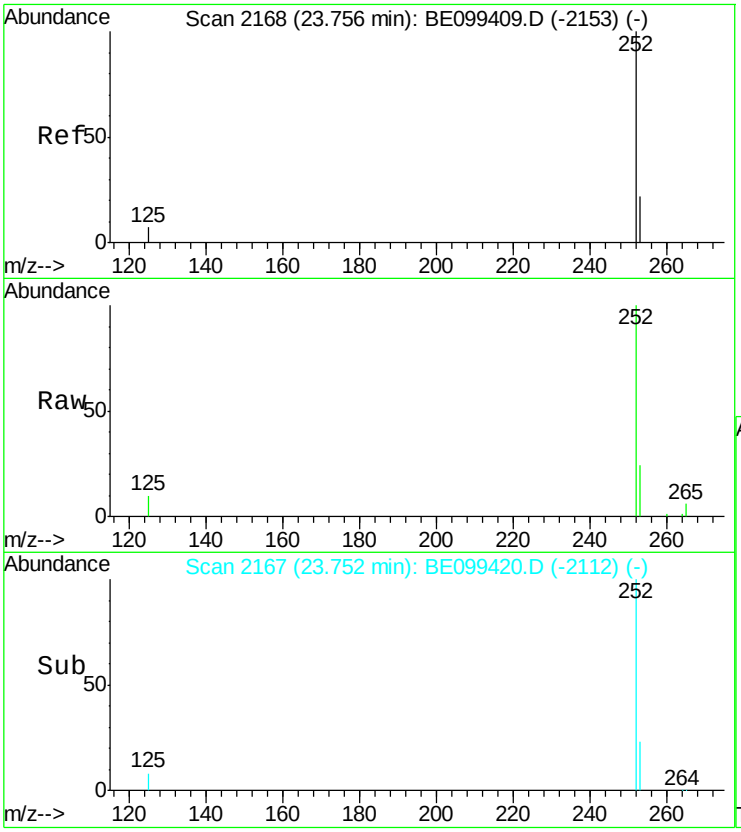


#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:252 Resp: 25072

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	6.6	5.0	7.4



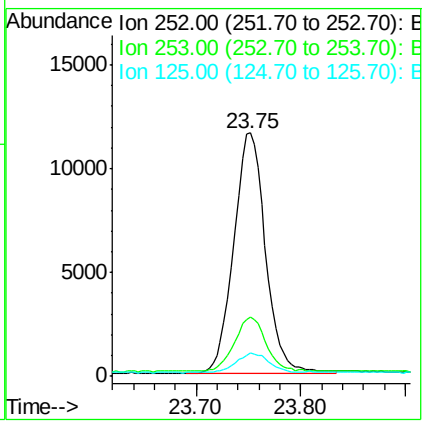


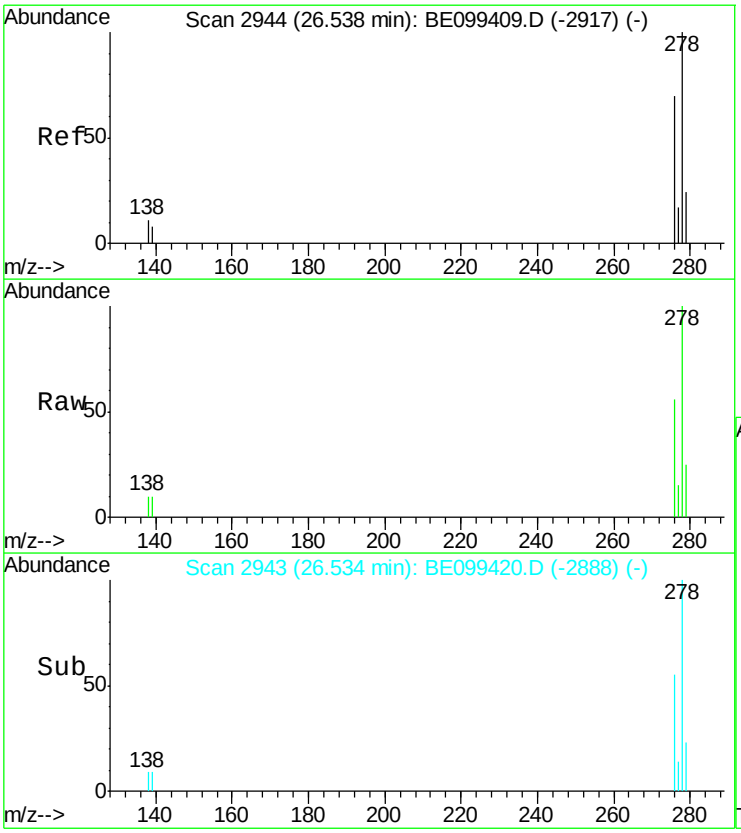
#37
Benzo(a)pyrene
Concen: 0.414 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:252 Resp: 24401

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.9	28.3
125	9.5	6.7	10.1

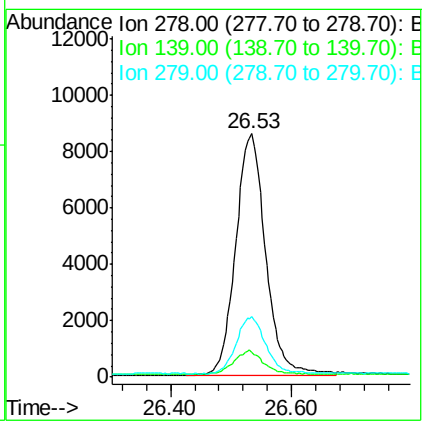


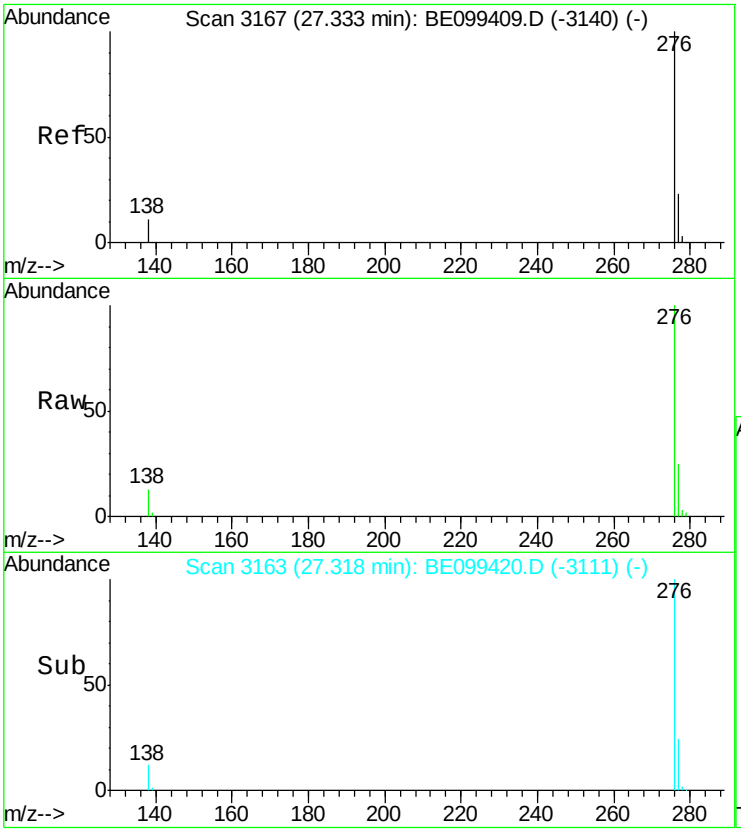


#38
Dibenzo(a,h)anthracene
Concen: 0.488 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Tgt Ion:278 Resp: 29396

Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.7	11.5
279	24.7	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.489 ng
RT: 27.32 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE099420.D
Acq: 30 Apr 2019 11:20

Instrument :
BNA_E
ClientSampleId :
PB119261BS

Tgt Ion:276 Resp: 29513

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	12.7	9.6	14.4