Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099417.D
Acq On : 30 Apr 2019 9:32
Operator : JU/SJ
Sample : PB119229BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119229BS

Quant Time: Apr 30 23:56:11 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	2884	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	9590	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	5796	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	14829	0.40	ng		0.00
27) Chrysene-d12	21.37	240	17251	0.40	ng		0.00
34) Perylene-d12	23.87	264	21024	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2558	0.32	ng		0.00
5) Phenol-d6	6.98	99	3312	0.31	ng		0.00
8) Nitrobenzene-d5	8.96	82	2616	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	7906	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	851	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	7399	0.33	ng		-0.01
25) Fluoranthene-d10	19.22	212	54359	0.27	ng		0.00
29) Terphenyl-d14	19.82	244	11653	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	944	0.238	ng	#	71
3) n-Nitrosodimethylamine	3.65	42	659	0.276	ng	#	100
6) bis(2-Chloroethyl)ether	7.24	93	2613	0.286	ng		98
9) Naphthalene	10.65	128	32562	0.312	ng		99
10) Hexachlorobutadiene	10.93	225	2230	0.307	ng		98
12) 2-Methylnaphthalene	12.27	142	5462	0.301	ng		97
16) Acenaphthylene	14.18	152	8700	0.307	ng		98
17) Acenaphthene	14.51	154	4991	0.308	ng		99
18) Fluorene	15.49	166	6983	0.292	ng		100
20) 4-Bromophenyl-phenylether	16.39	248	2822	0.327	ng		92
21) Hexachlorobenzene	16.49	284	2887	0.351	ng		99
22) Pentachlorophenol	16.84	266	1848	0.589	ng		97
23) Phenanthrene	17.23	178	13117	0.343	ng		99
24) Anthracene	17.32	178	12092	0.332	ng		99
26) Fluoranthene	19.25	202	18191	0.317	ng		99
28) Pyrene	19.61	202	18837	0.419	ng		100
30) Benzo(a)anthracene	21.34	228	22084	0.402	ng		97
31) Chrysene	21.40	228	21633	0.402	ng		100
32) Bis(2-ethylhexyl)phthalate	21.27	149	30307	0.319	ng		99
33) Indeno(1,2,3-cd)pyrene	26.51	276	30343	0.477	ng		99
35) Benzo(b)fluoranthene	23.15	252	22008	0.363	ng		97
36) Benzo(k)fluoranthene	23.15	252	22008	0.376	ng		98
37) Benzo(a)pyrene	23.75	252	22019	0.384	ng	#	96
38) Dibenzo(a,h)anthracene	26.54	278	25659	0.438	ng		98
39) Benzo(g,h,i)perylene	27.33	276	25941	0.442	ng		99

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

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Misc :
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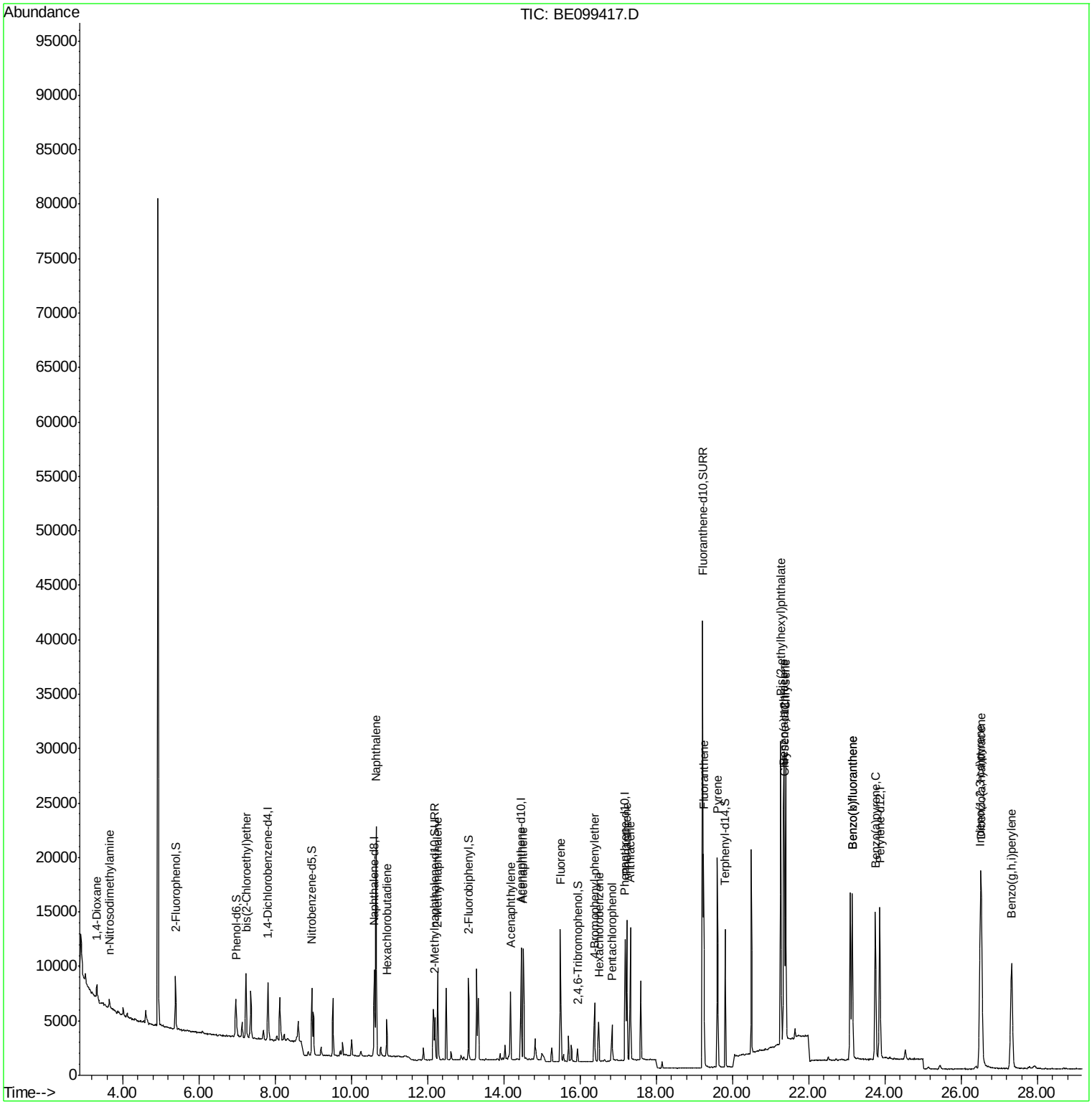
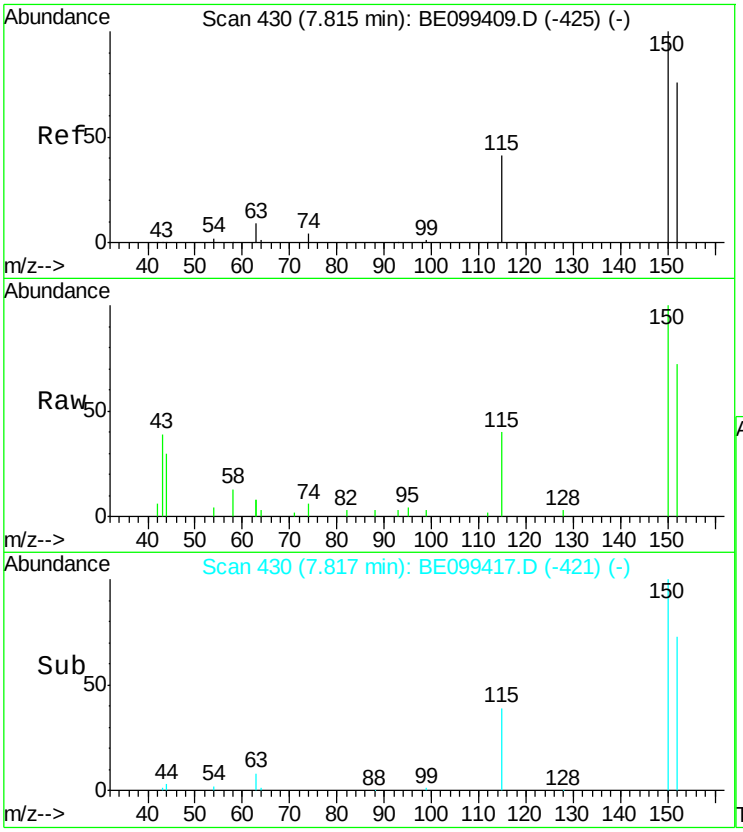
Instrument :
BNA_E
ClientSampleId :
PB119229BS

Quant Time: Apr 30 23:56:11 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



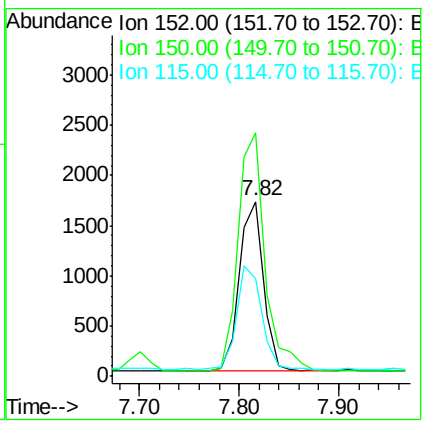


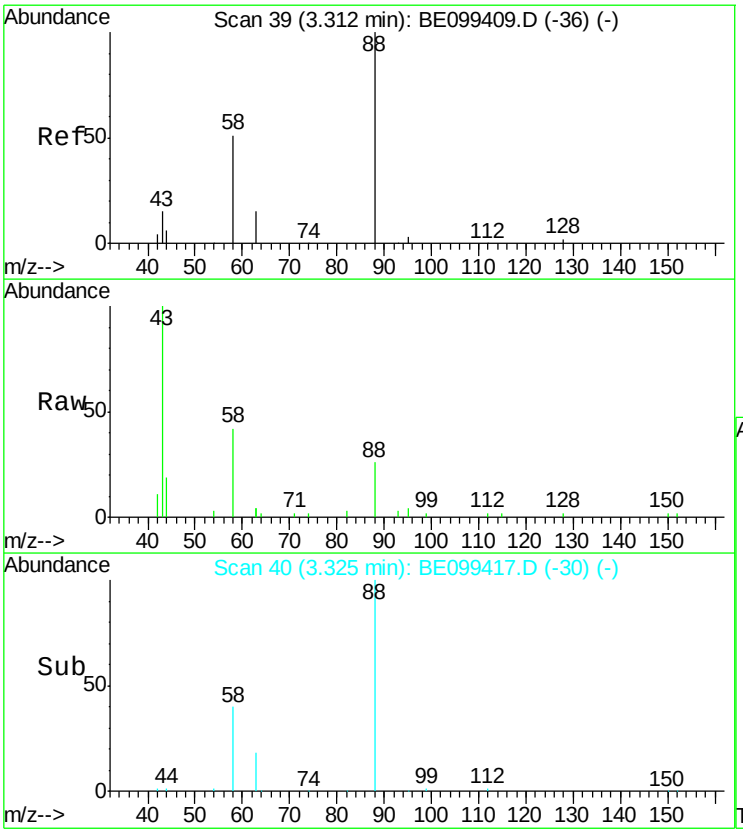
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:152 Resp: 2884

Ion	Ratio	Lower	Upper
152	100		
150	139.5	104.8	157.2
115	56.0	46.6	69.8

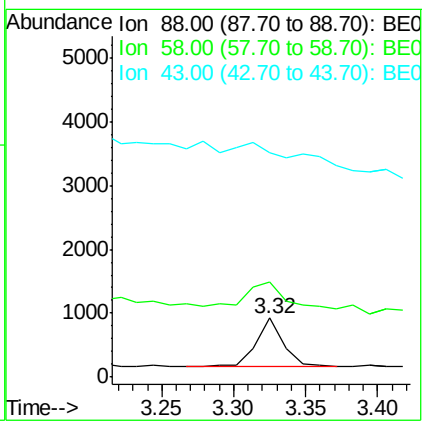


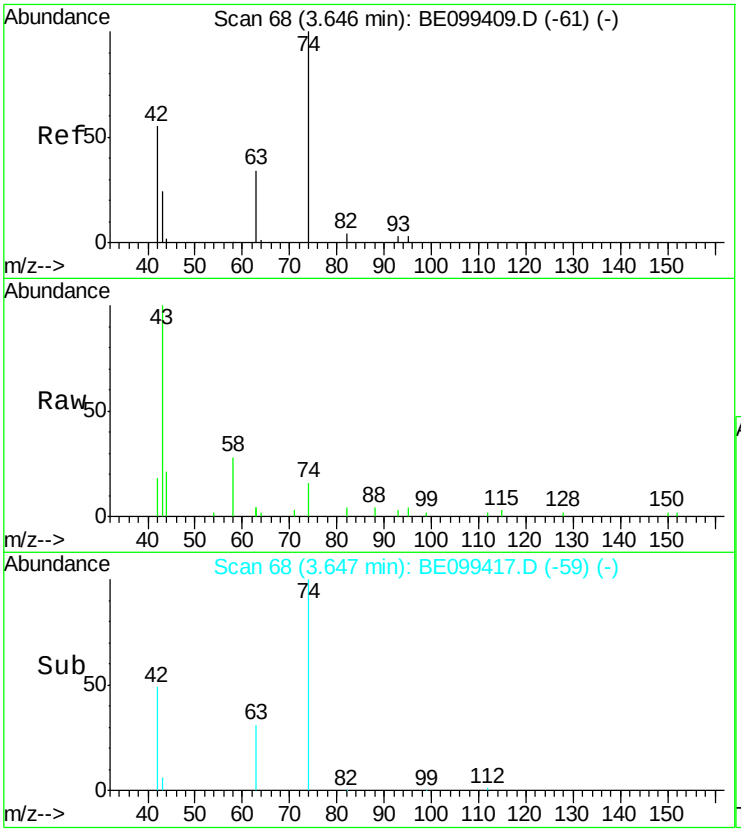


#2
1,4-Dioxane
Concen: 0.238 ng
RT: 3.32 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion: 88 Resp: 944

Ion	Ratio	Lower	Upper
88	100		
58	79.8	51.0	76.6#
43	0.0	20.6	30.8#



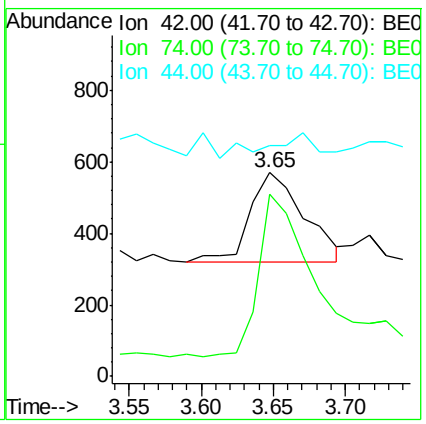


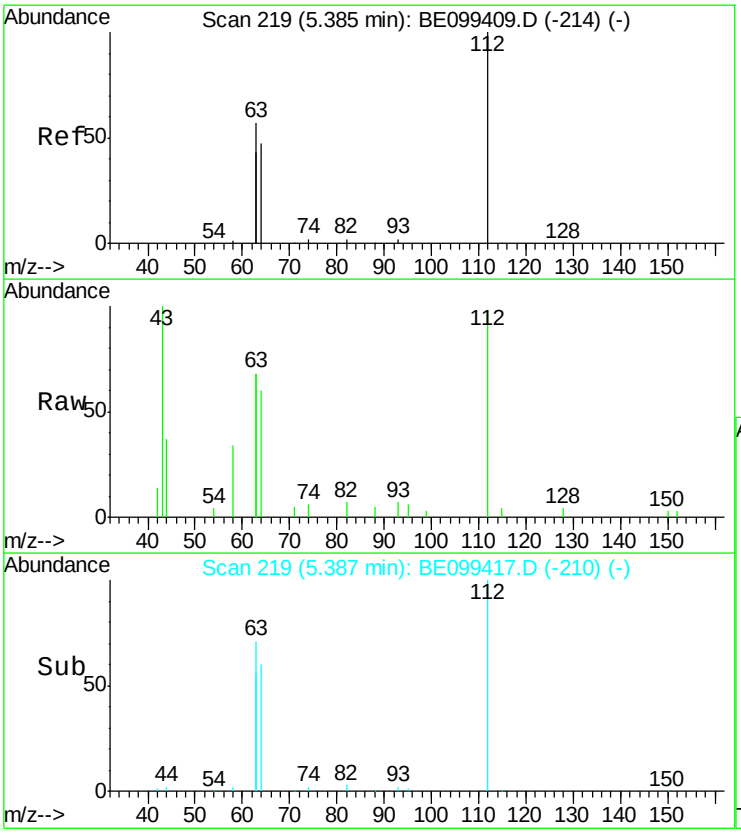
#3
n-Nitrosodimethylamine
Concen: 0.276 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion: 42 Resp: 659

Ion	Ratio	Lower	Upper
42	100		
74	176.6	141.6	212.4
44	0.0	0.0	0.0

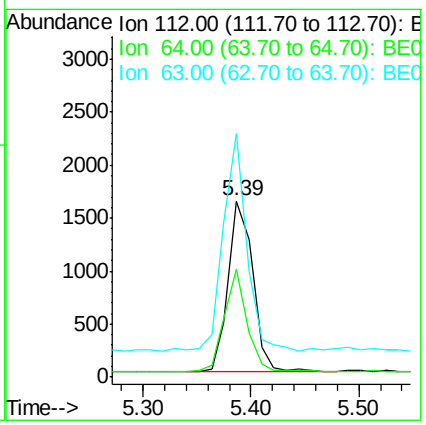


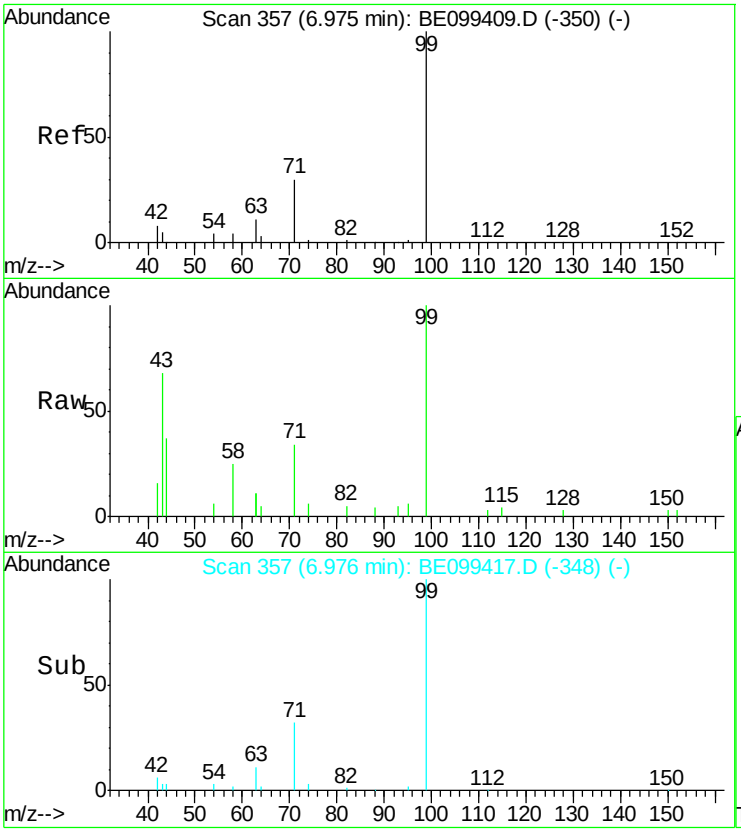


#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:112 Resp: 2558

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.4	71.0
63	121.7	104.3	156.5



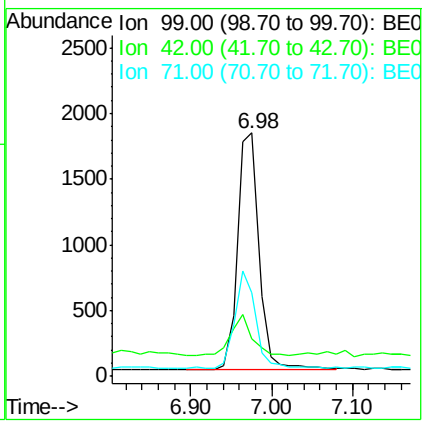


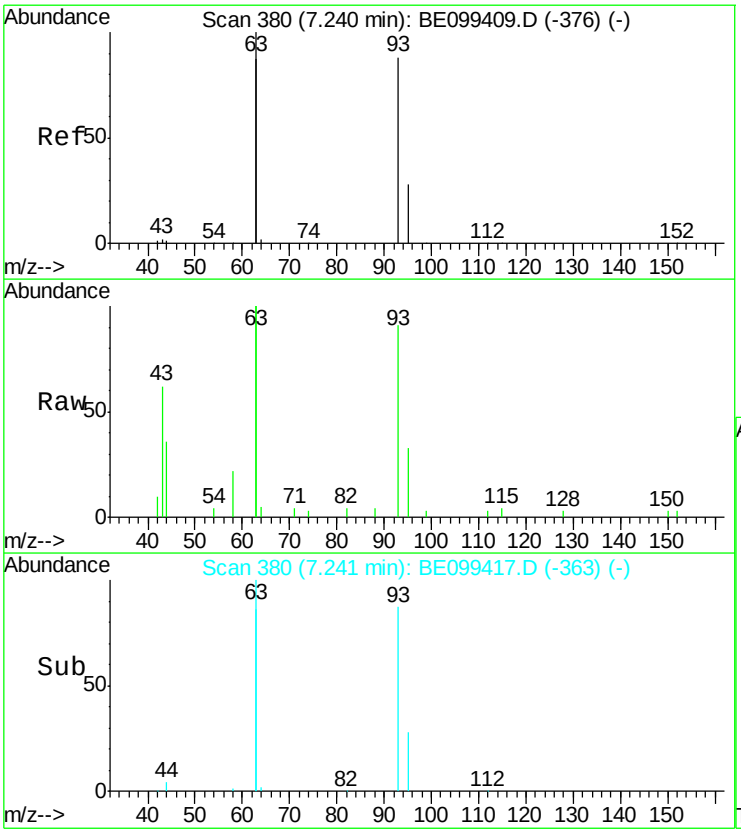
#5
Phenol-d6
Concen: 0.312 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion: 99 Resp: 3312

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.9	22.3
71	39.6	33.0	49.6

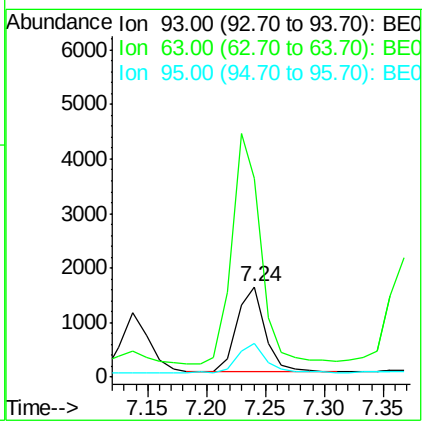


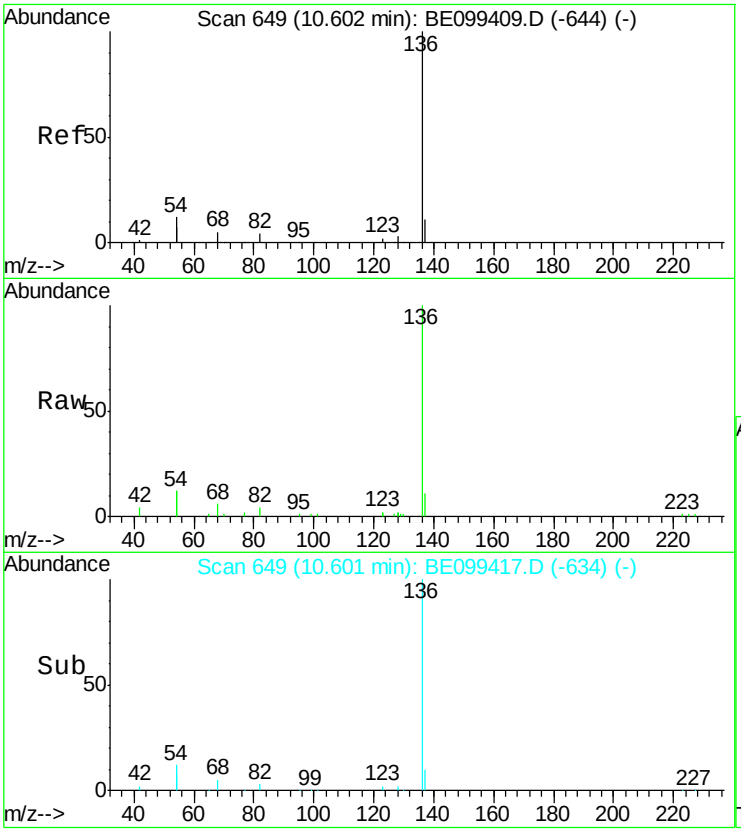


#6
bis(2-Chloroethyl)ether
Concen: 0.286 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion: 93 Resp: 2613

Ion	Ratio	Lower	Upper
93	100		
63	272.5	215.6	323.4
95	35.4	26.2	39.2



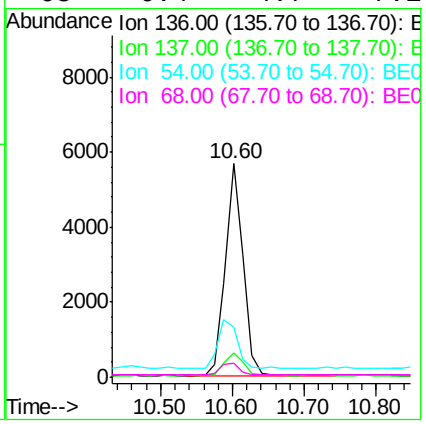


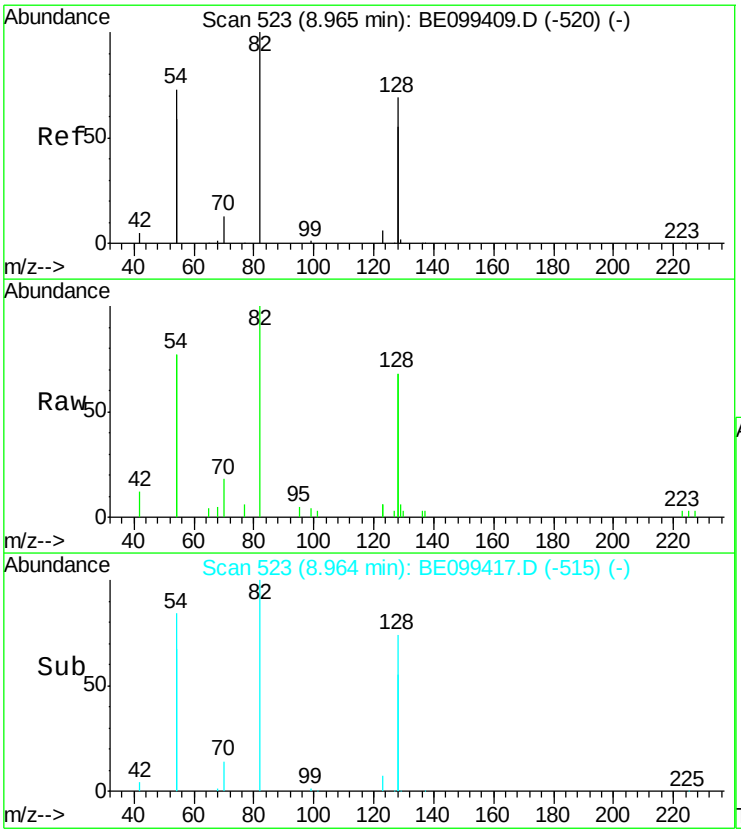
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:136 Resp: 9590

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	23.4	18.5	27.7
68	6.4	4.7	7.1

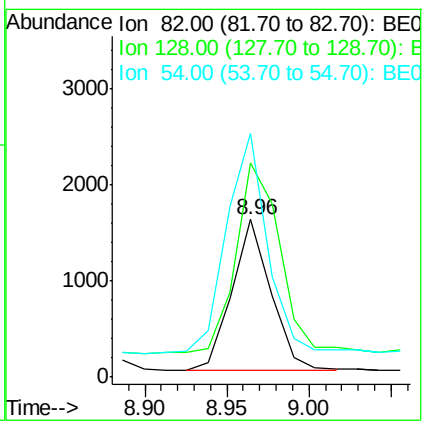


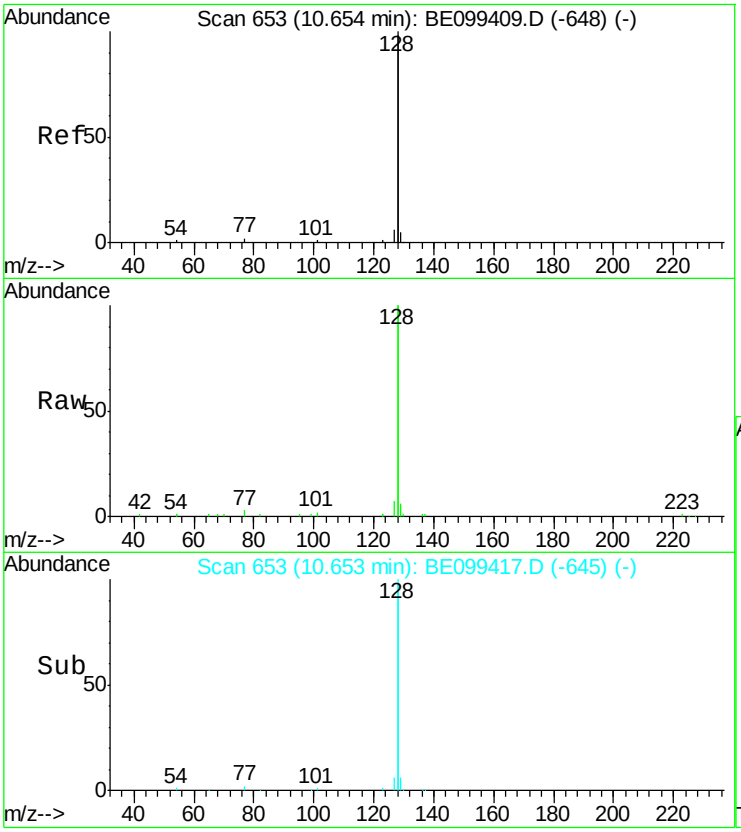


#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion: 82 Resp: 2616

Ion	Ratio	Lower	Upper
82	100		
128	136.3	107.0	160.4
54	154.6	113.1	169.7



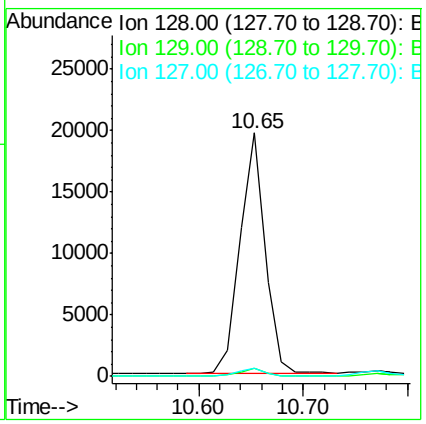


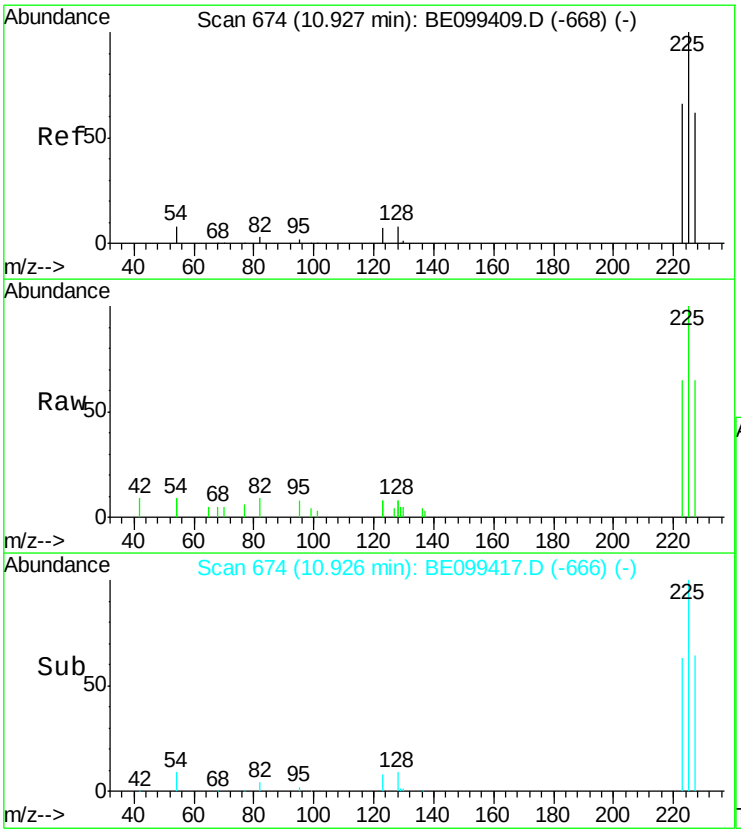
#9
Naphthalene
Concen: 0.312 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:128 Resp: 32562

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.4	3.6
127	3.3	2.8	4.2

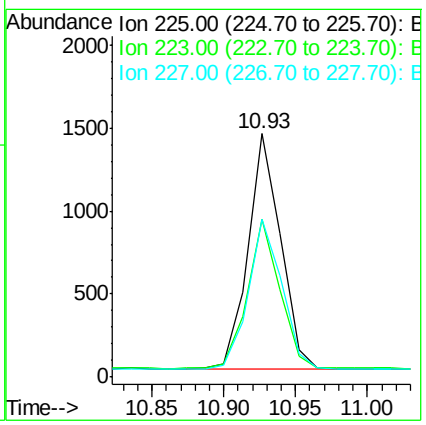


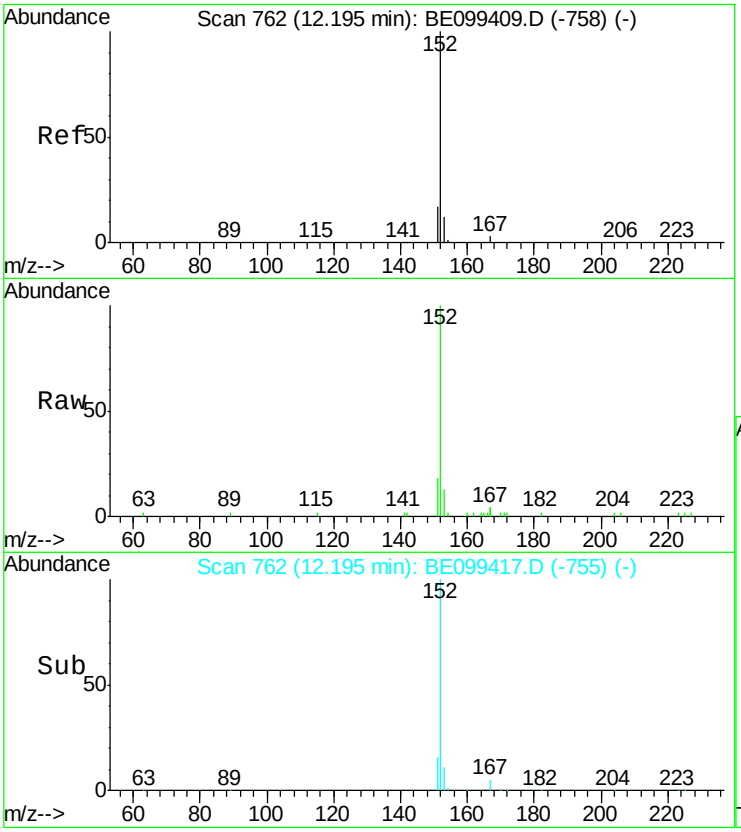


#10
Hexachlorobutadiene
Concen: 0.307 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:225 Resp: 2230

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	65.5	50.9	76.3



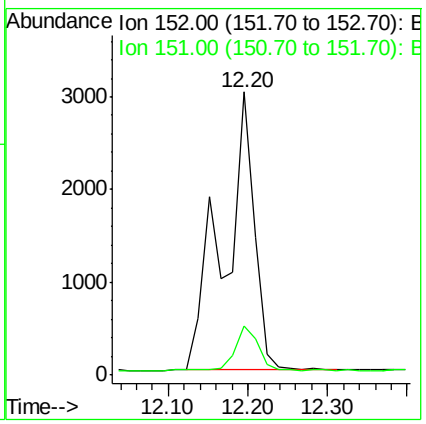


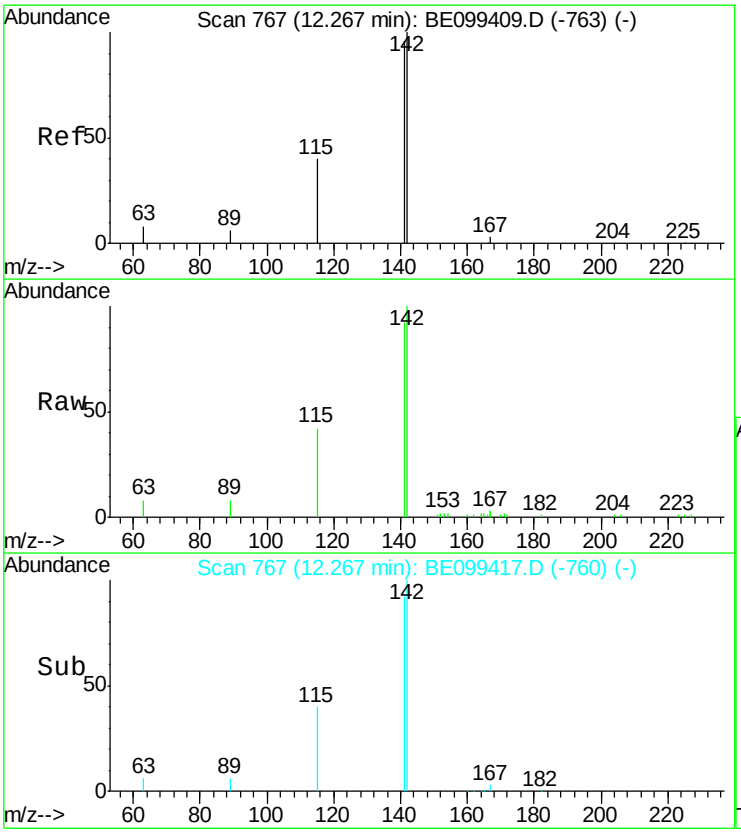
#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:152 Resp: 7906

Ion	Ratio	Lower	Upper
152	100		
151	12.3	15.5	23.3#

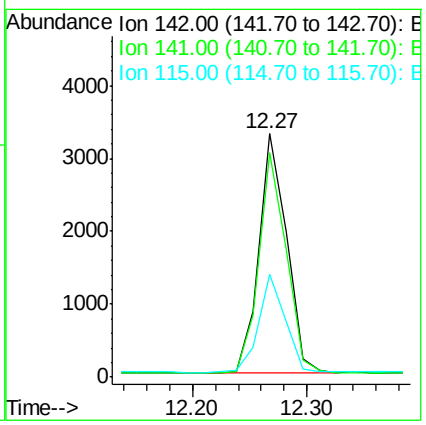


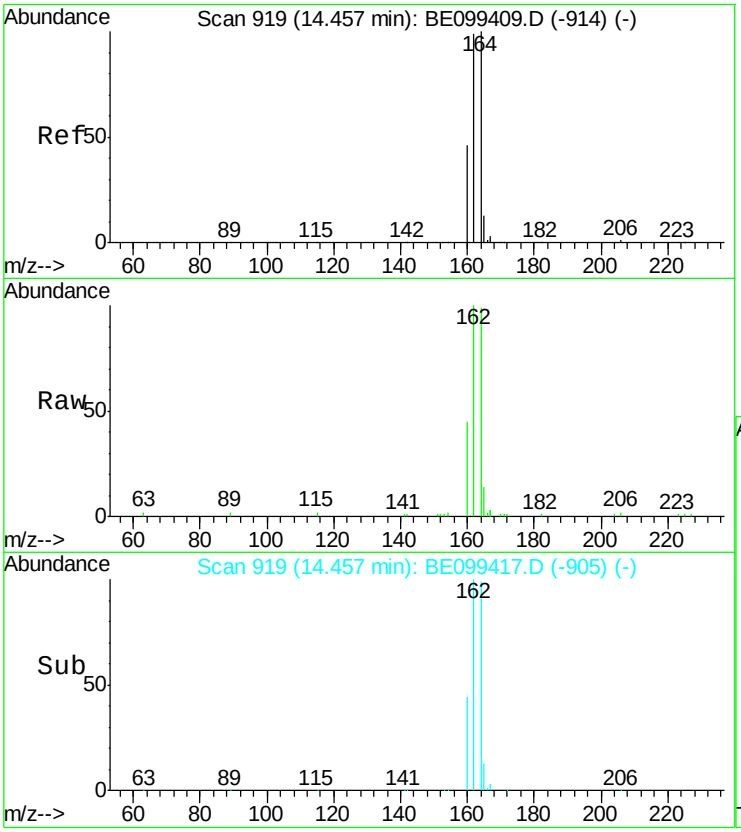


#12
2-Methylnaphthalene
Concen: 0.301 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:142 Resp: 5462

Ion	Ratio	Lower	Upper
142	100		
141	91.9	77.0	115.4
115	42.0	33.4	50.0



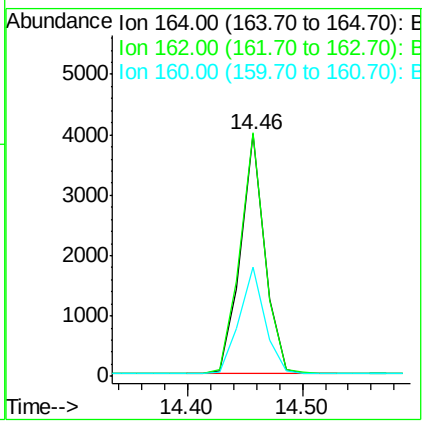


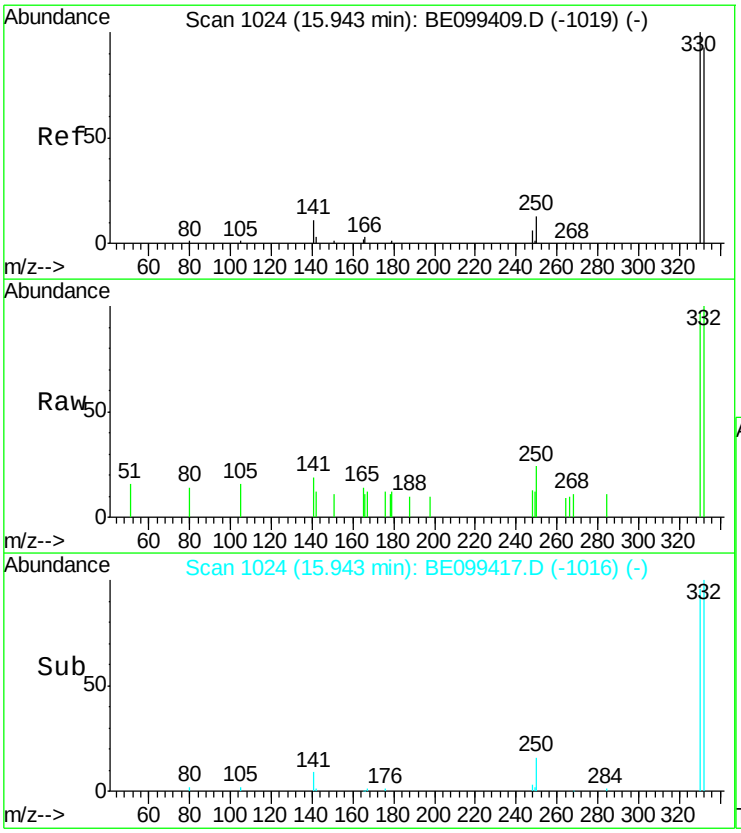
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:164 Resp: 5796

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.0	118.4
160	45.3	37.0	55.4

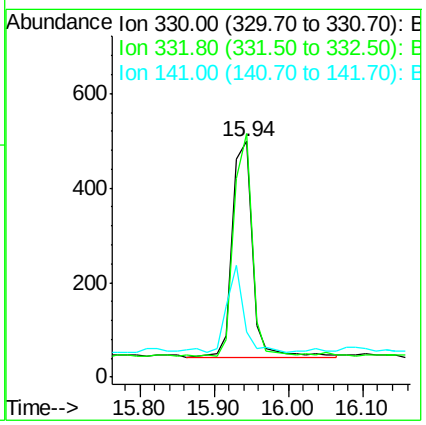


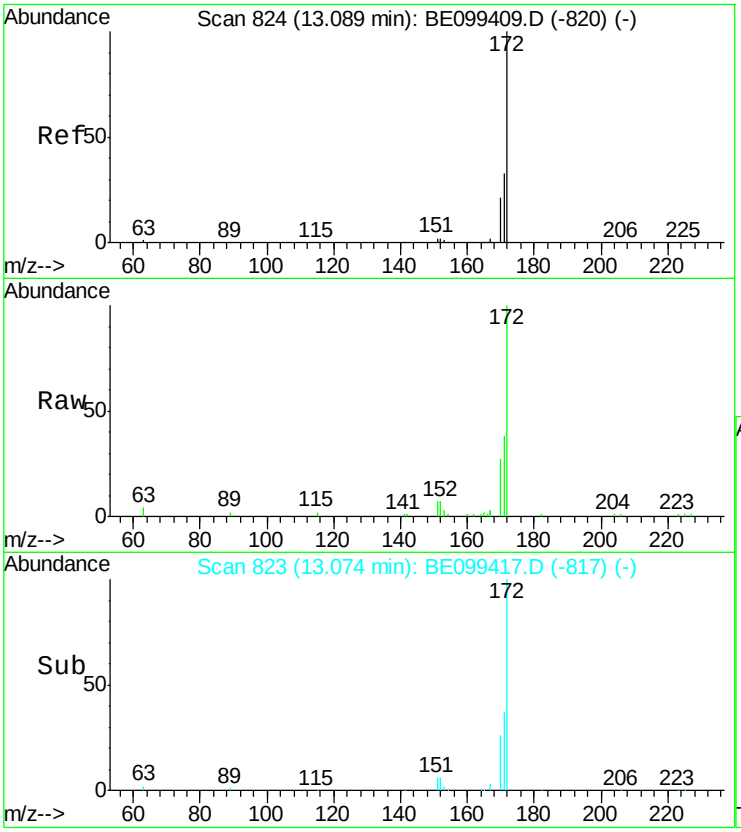


#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:330 Resp: 851

Ion	Ratio	Lower	Upper
330	100		
332	92.5	71.5	107.3
141	32.9	24.0	36.0



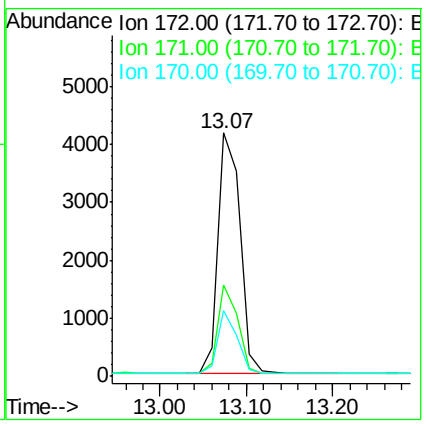


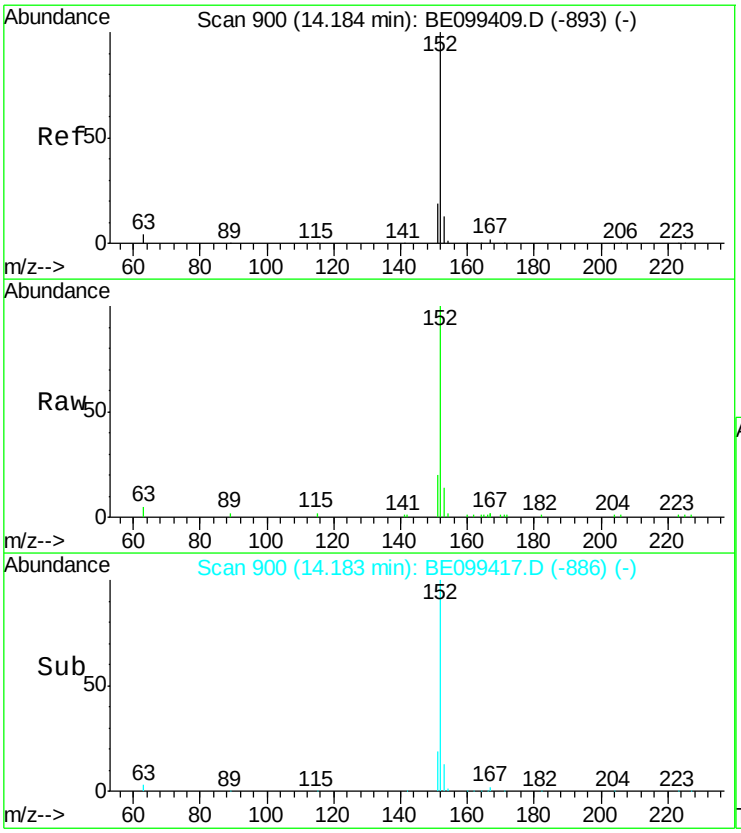
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:172 Resp: 7399

Ion	Ratio	Lower	Upper
172	100		
171	37.5	26.6	39.8
170	26.8	17.0	25.6#

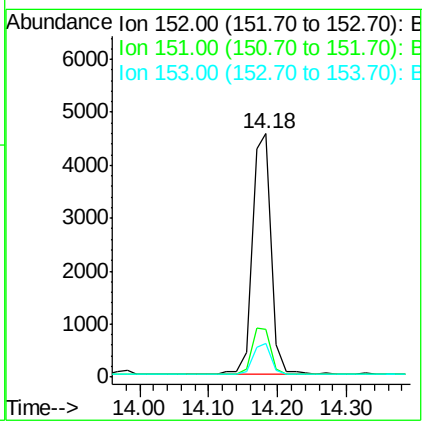


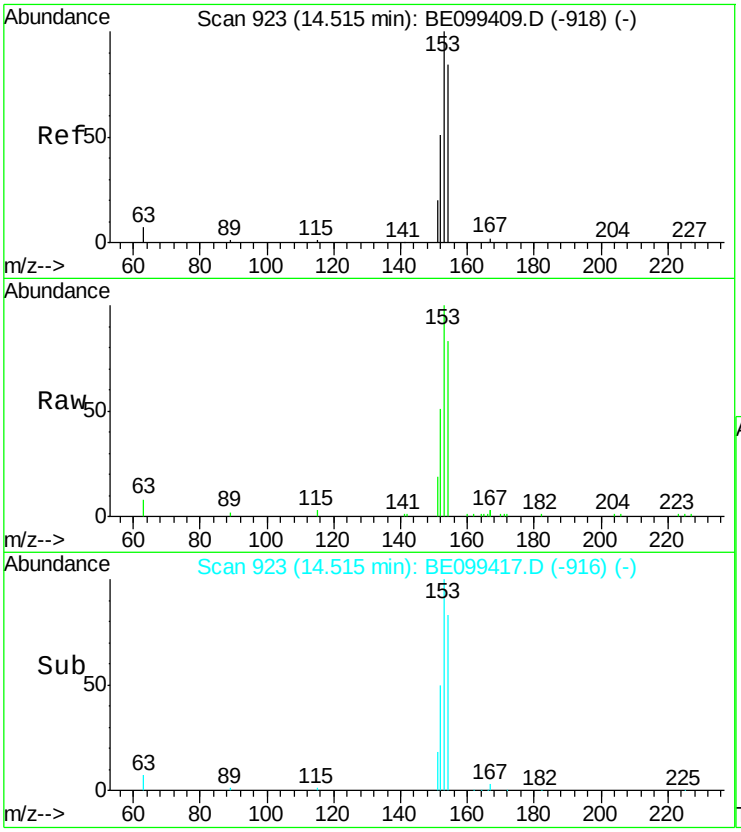


#16
Acenaphthylene
Concen: 0.307 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:152 Resp: 8700

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2
153	12.7	9.8	14.6



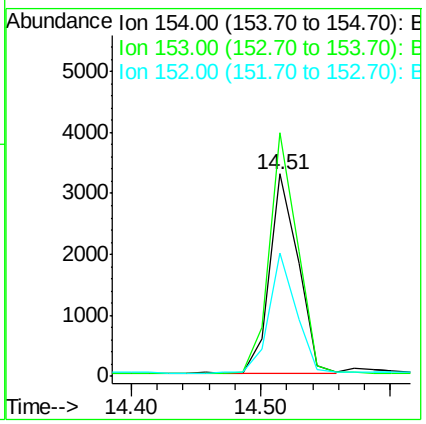


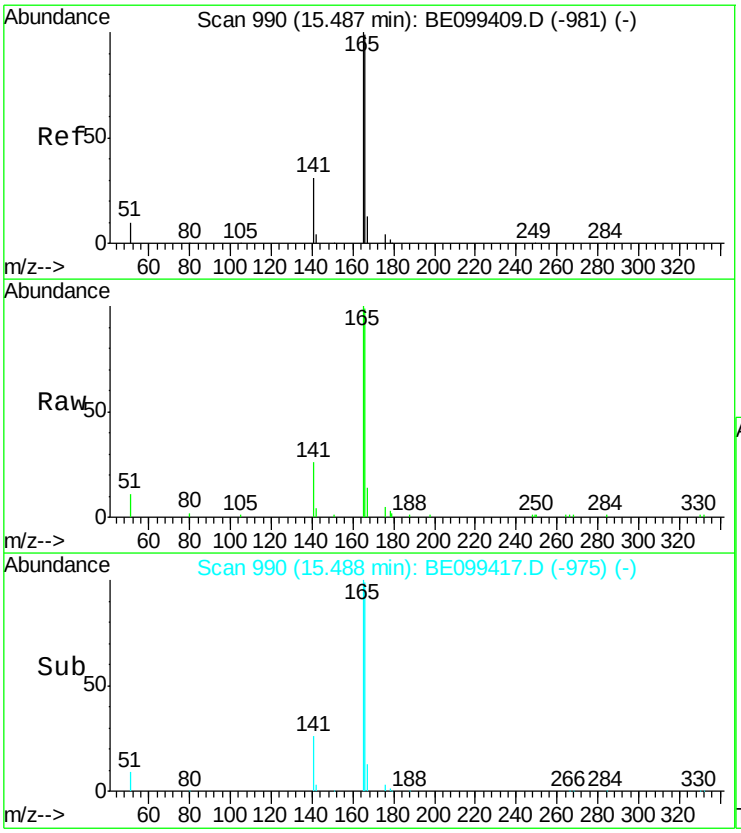
#17
Acenaphthene
Concen: 0.308 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:154 Resp: 4991

Ion	Ratio	Lower	Upper
154	100		
153	117.7	92.6	138.8
152	57.6	45.8	68.8

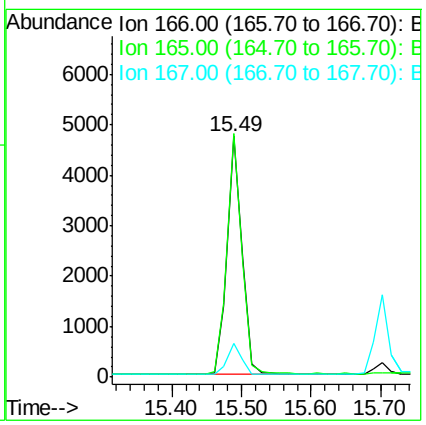


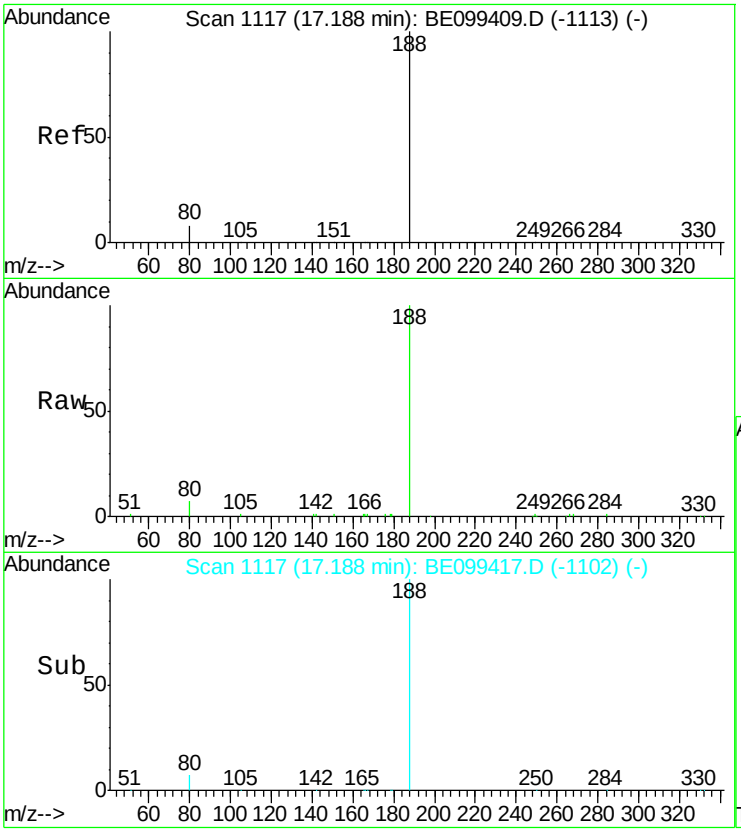


#18
Fluorene
Concen: 0.292 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:166 Resp: 6983

Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.3	120.5
167	13.7	10.7	16.1



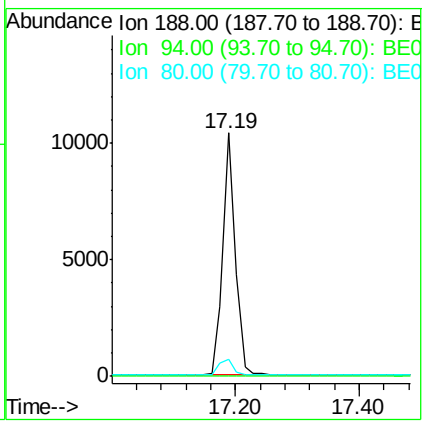


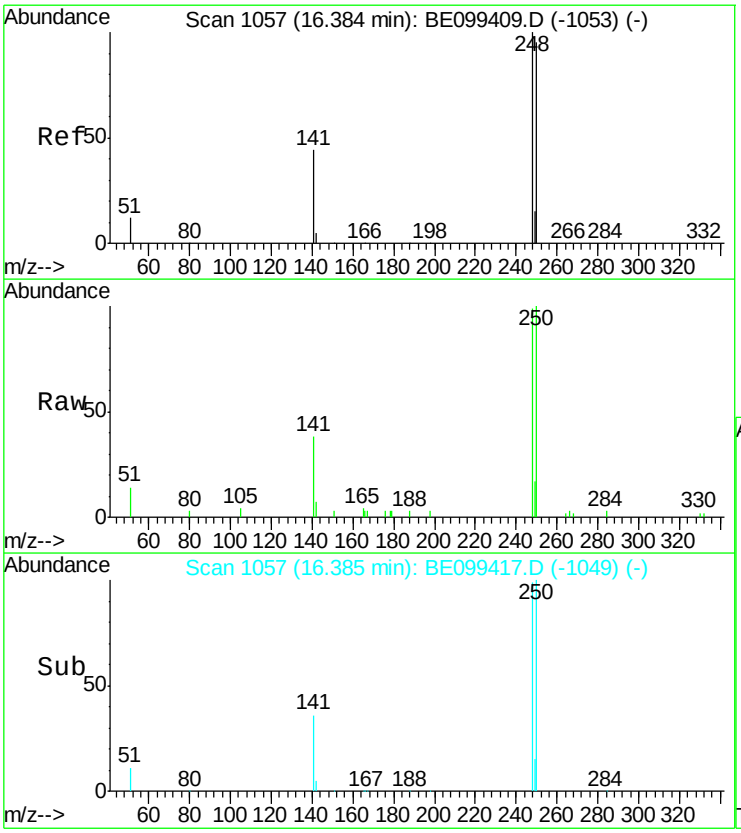
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:188 Resp: 14829

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.7	10.1

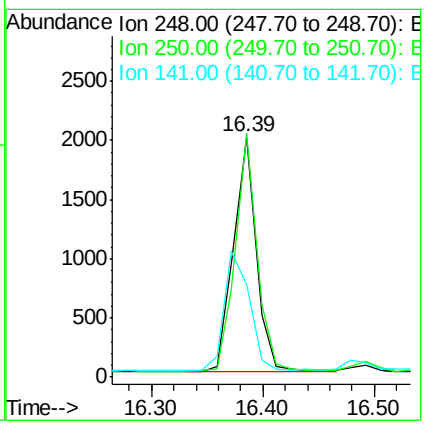


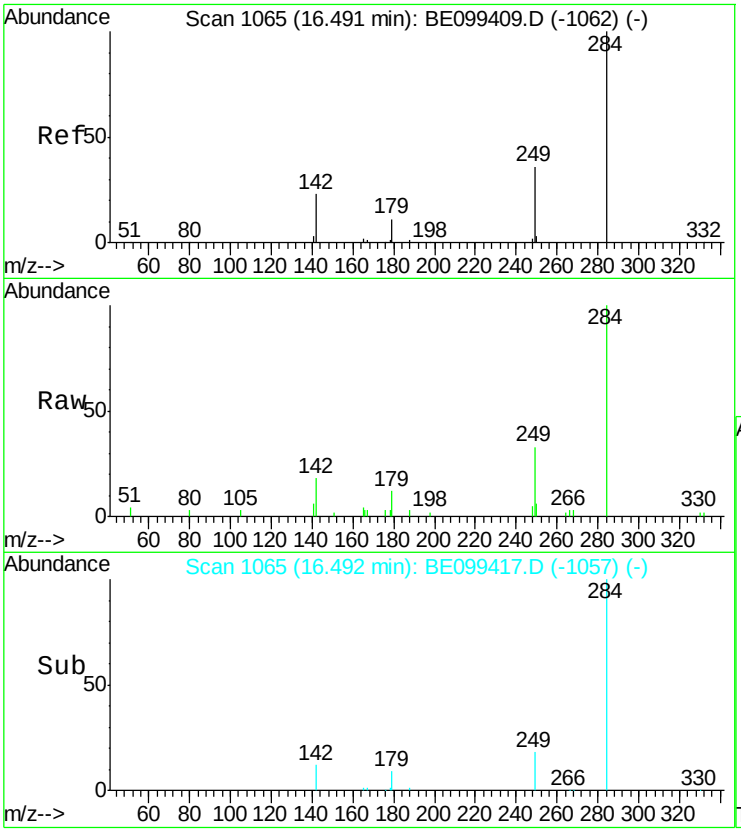


#20
4-Bromophenyl-phenylether
Concen: 0.327 ng
RT: 16.39 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:248 Resp: 2822

Ion	Ratio	Lower	Upper
248	100		
250	101.5	75.8	113.8
141	38.6	35.7	53.5



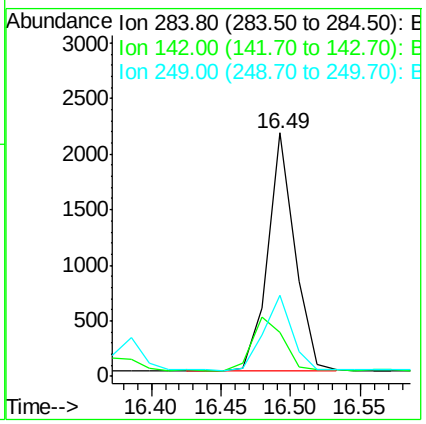


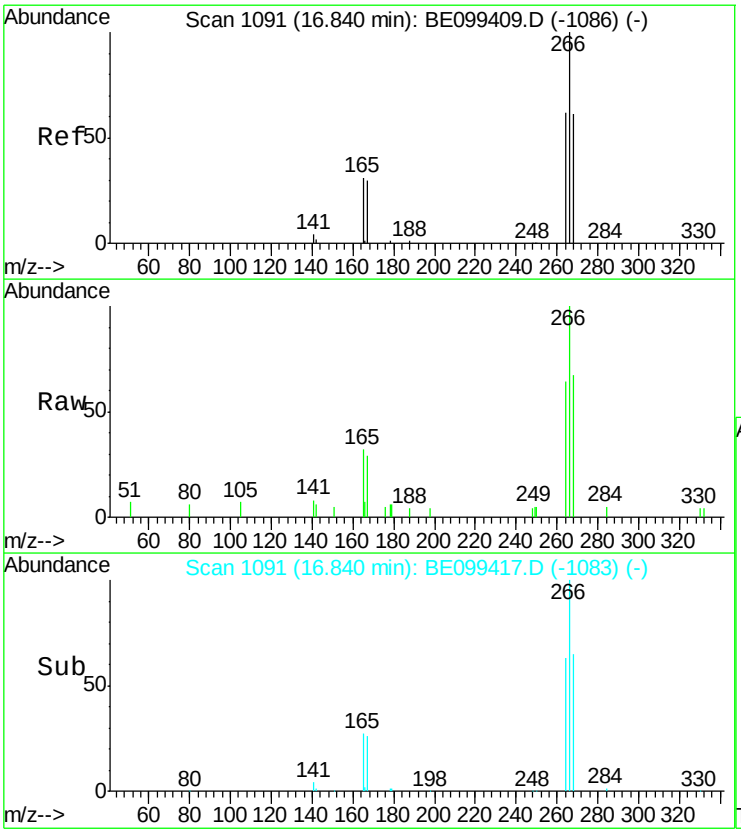
#21
Hexachlorobenzene
Concen: 0.351 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:284 Resp: 2887

Ion	Ratio	Lower	Upper
284	100		
142	25.6	21.0	31.6
249	33.5	26.7	40.1

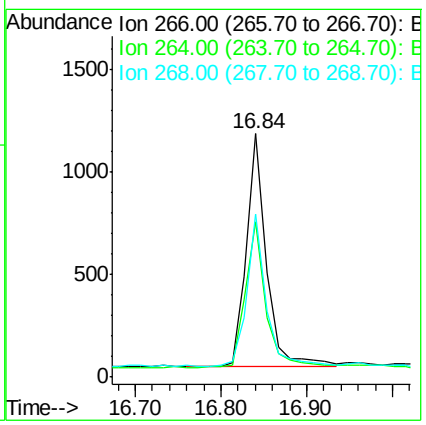


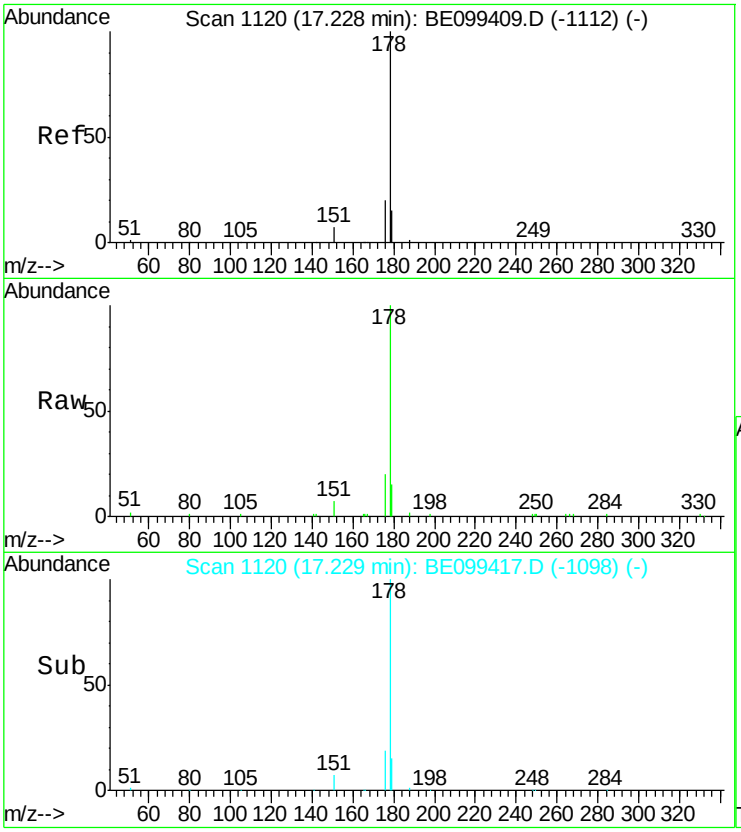


#22
Pentachlorophenol
Concen: 0.589 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:266 Resp: 1848

Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.8	76.2
268	67.1	50.5	75.7



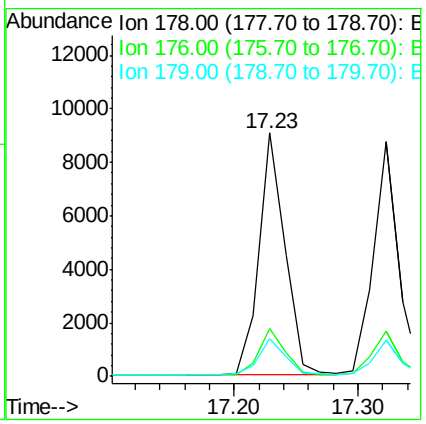


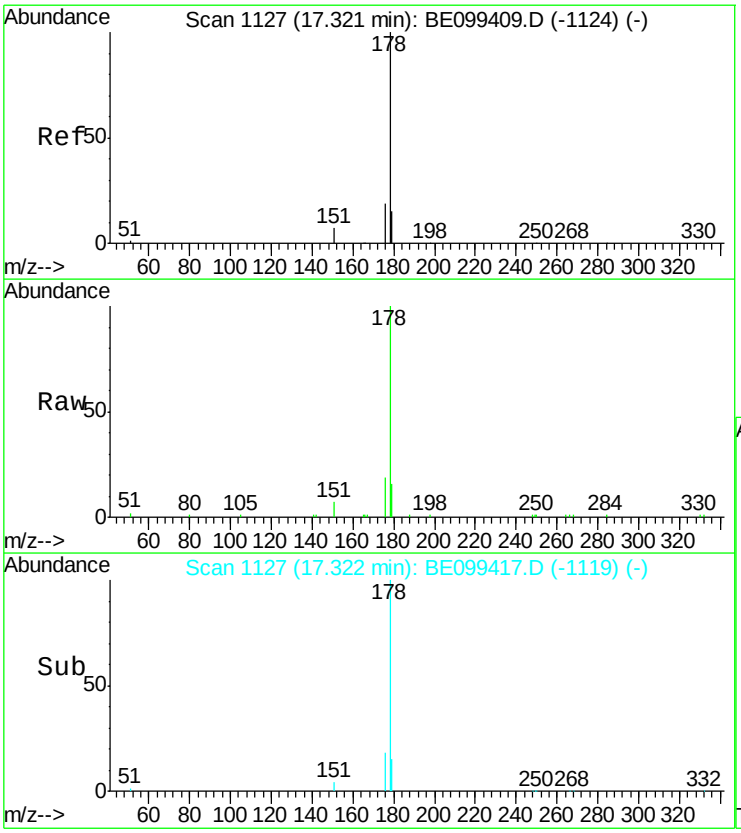
#23
Phenanthrene
Concen: 0.343 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:178 Resp: 13117

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.0	18.0

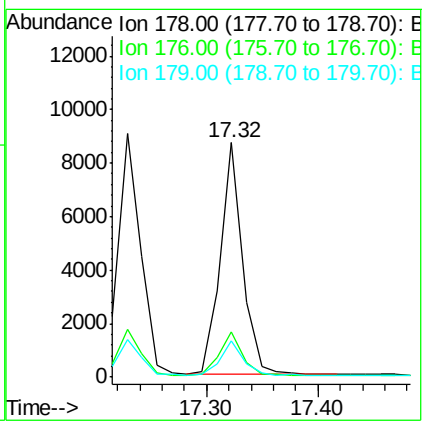


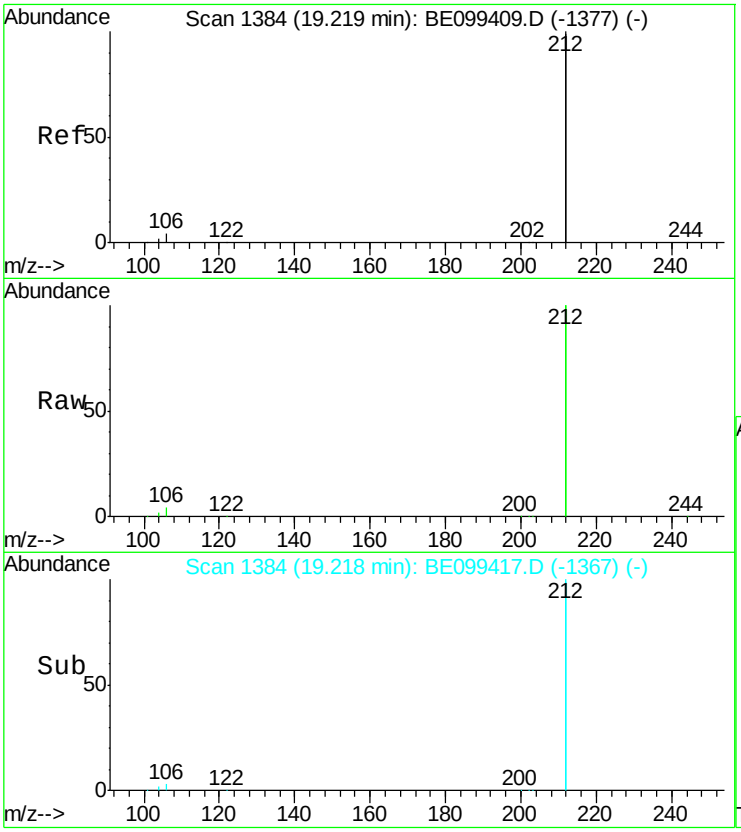


#24
Anthracene
Concen: 0.332 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:178 Resp: 12092

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.9	22.3
179	14.7	11.9	17.9



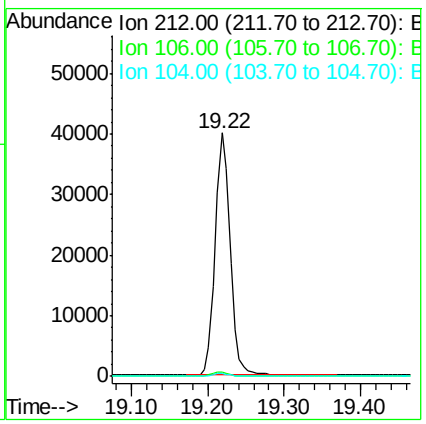


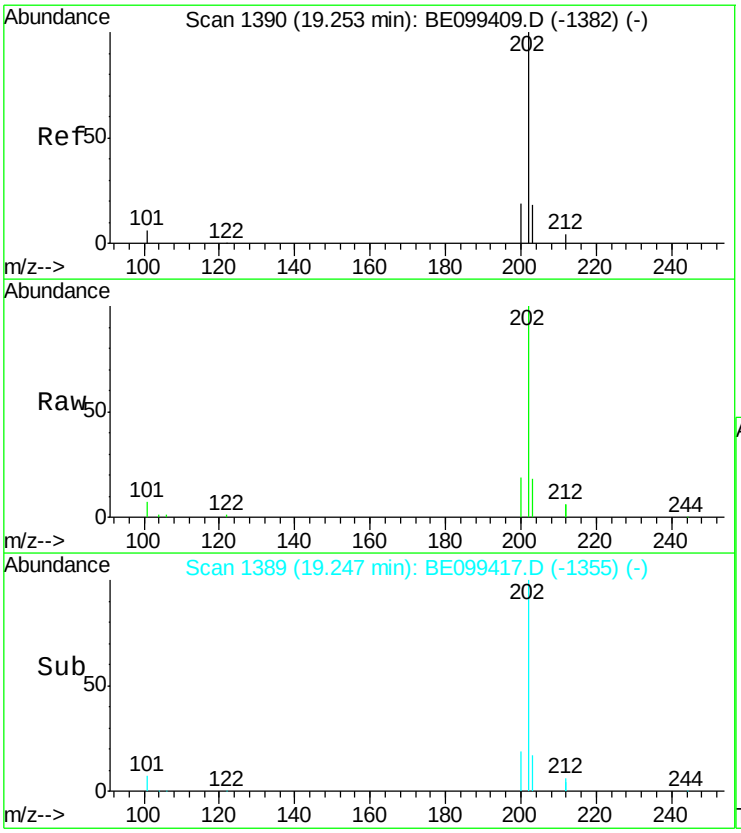
#25
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:212 Resp: 54359

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.0	0.9	1.3

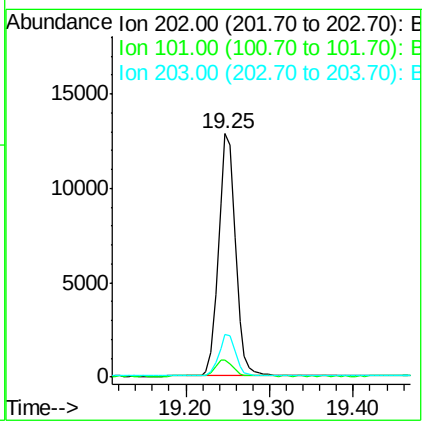


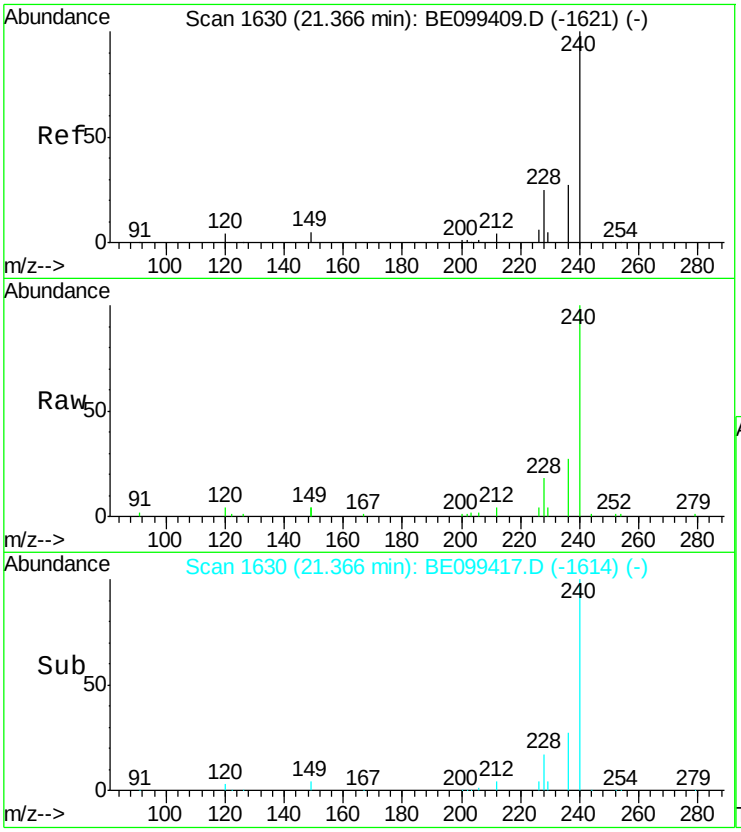


#26
Fluoranthene
Concen: 0.317 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:202 Resp: 18191

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.4	8.0
203	17.0	13.9	20.9



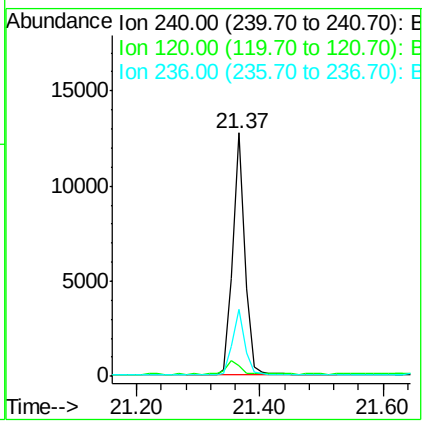


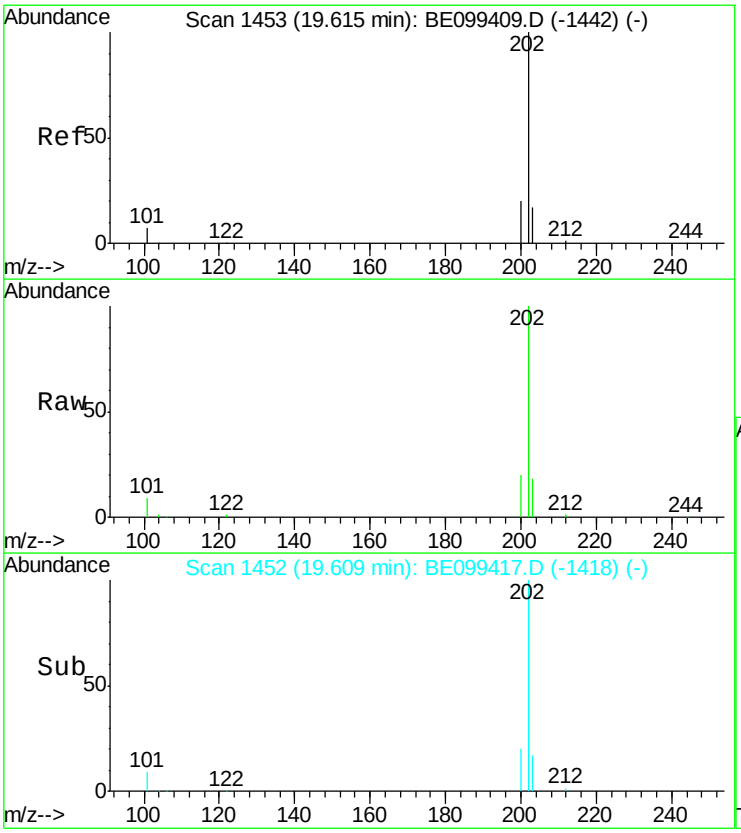
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:240 Resp: 17251

Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.0	6.0
236	27.5	22.0	33.0

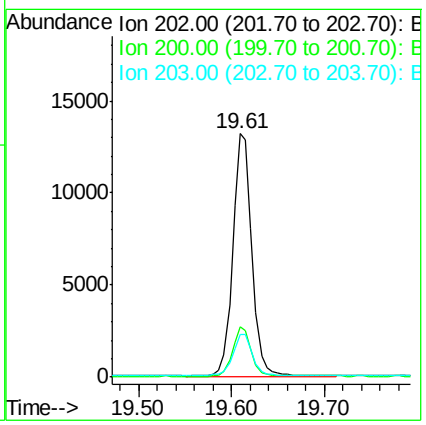


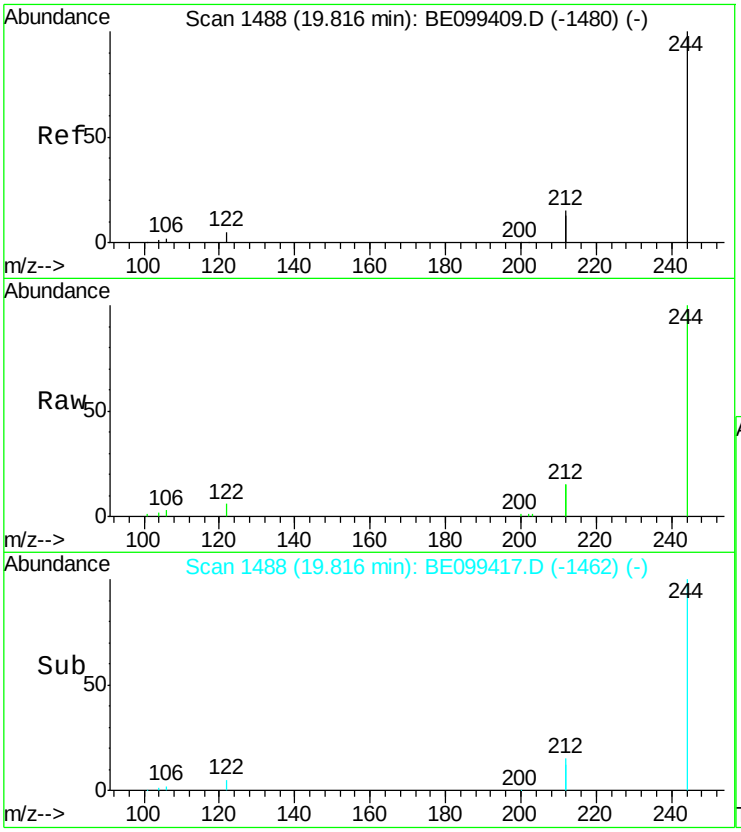


#28
Pyrene
Concen: 0.419 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:202 Resp: 18837

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.7	13.9	20.9



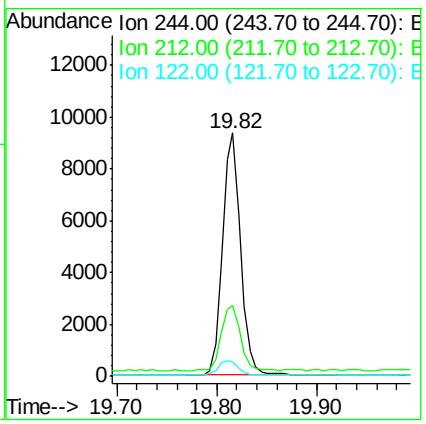


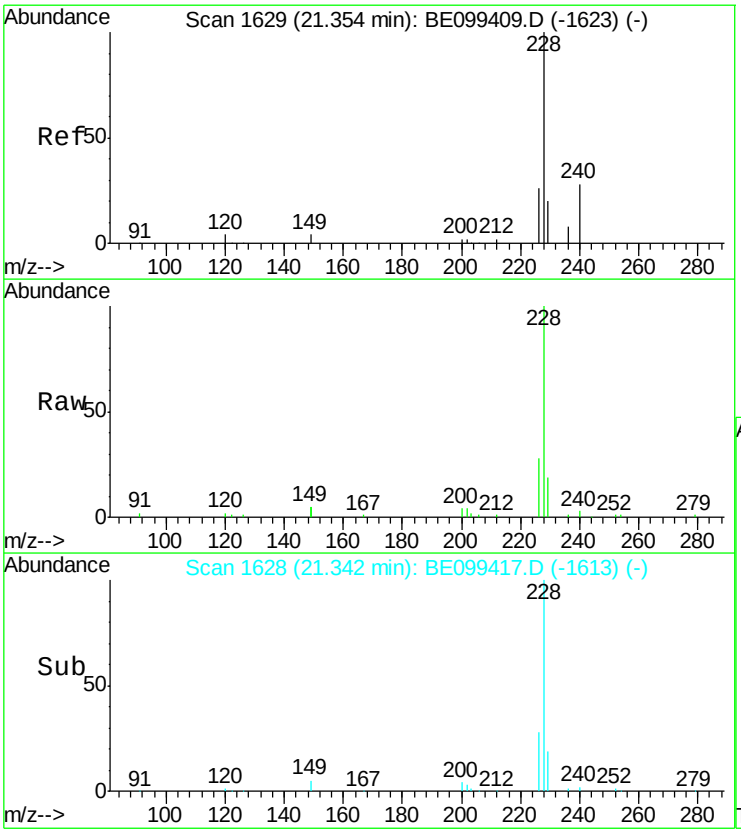
#29
Terphenyl-d14
Concen: 0.369 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:244 Resp: 11653

Ion	Ratio	Lower	Upper
244	100		
212	29.3	23.2	34.8
122	5.7	4.2	6.4

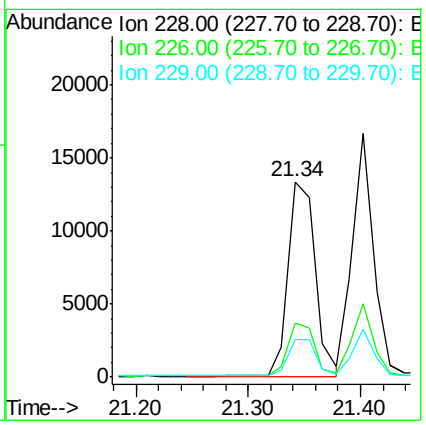


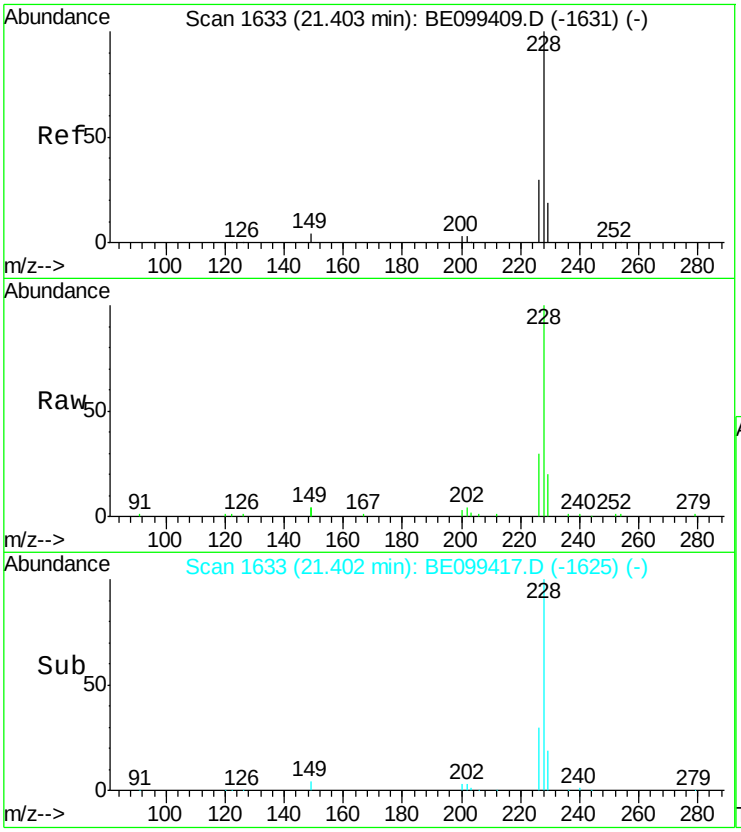


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:228 Resp: 22084

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.0	31.6
229	19.2	16.6	25.0



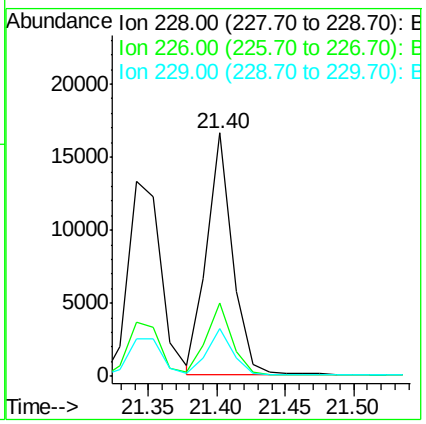


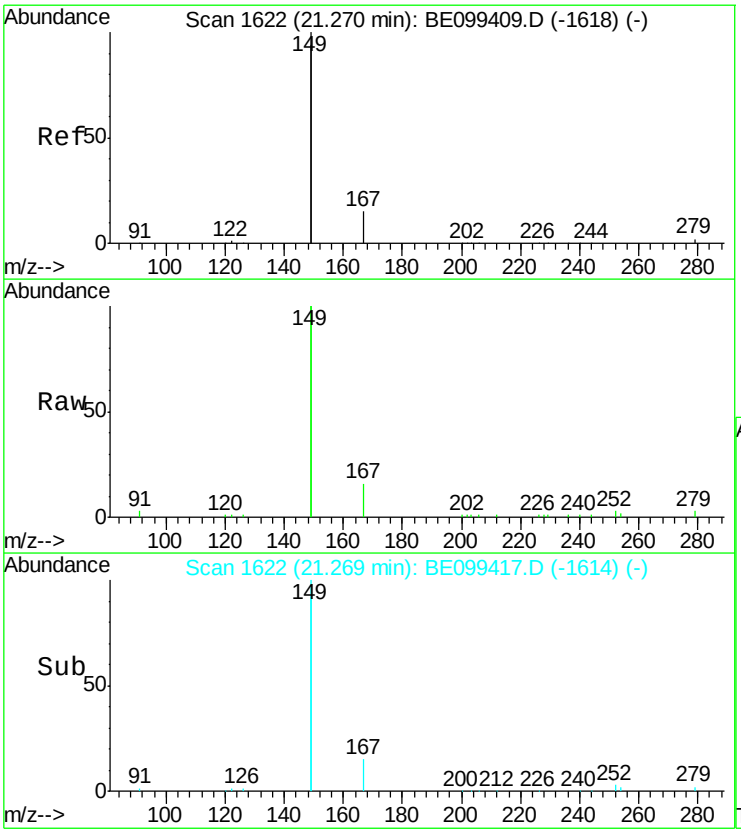
#31
Chrysene
Concen: 0.402 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:228 Resp: 21633

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.8	15.8	23.8

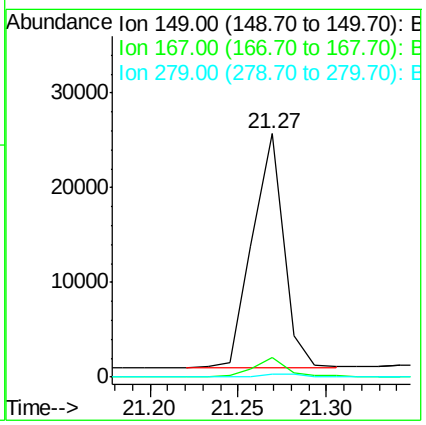


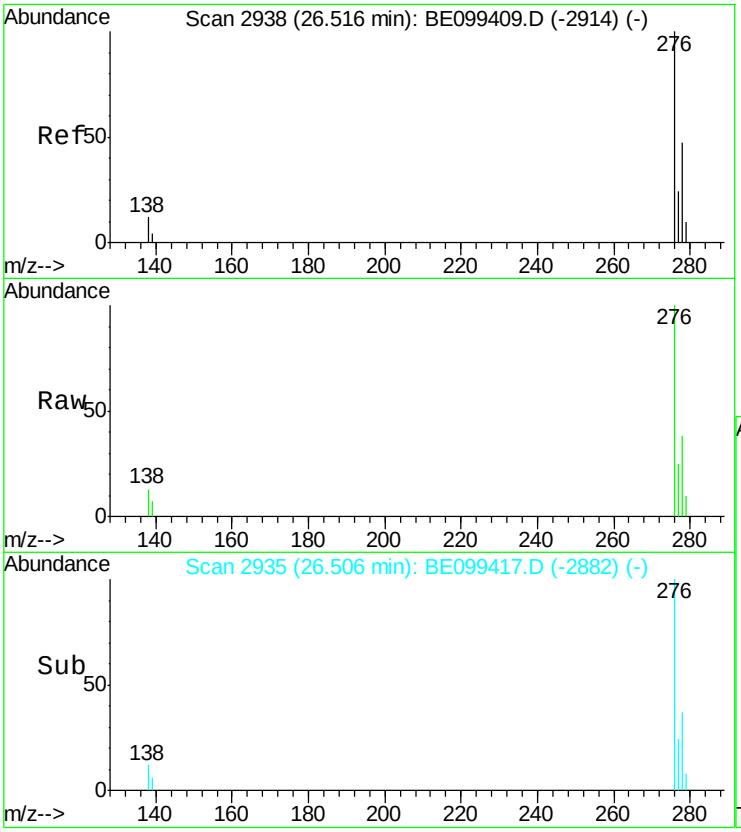


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.319 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:149 Resp: 30307

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.8	8.6
279	1.5	1.0	1.6



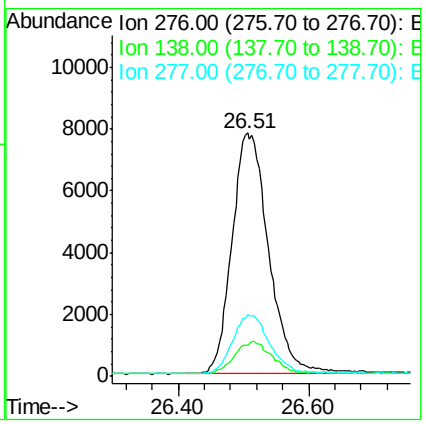


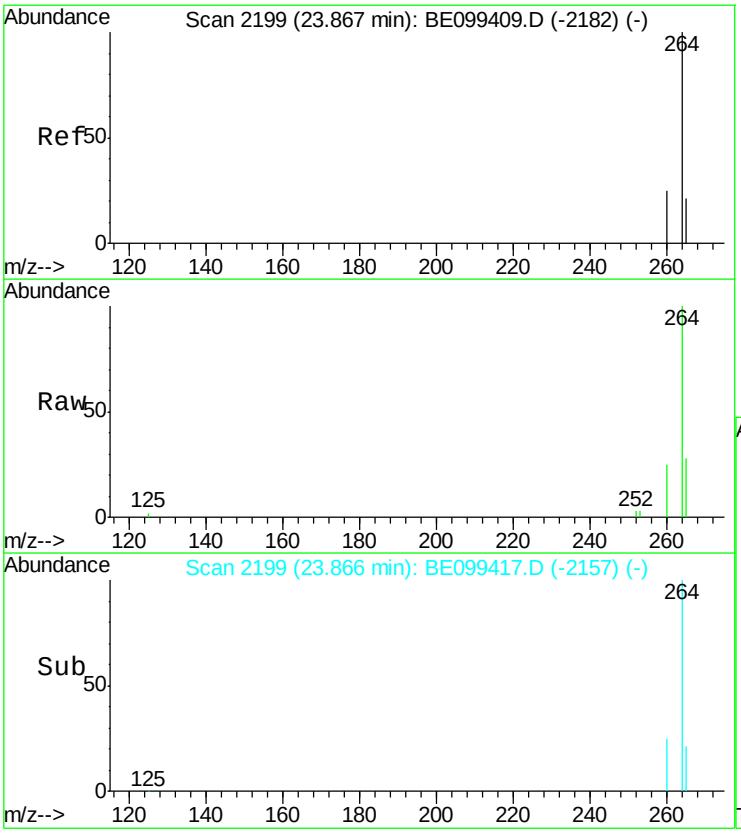
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:276 Resp: 30343

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.2	15.2
277	24.3	19.2	28.8

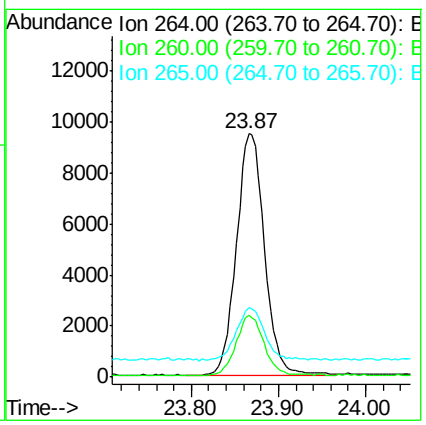


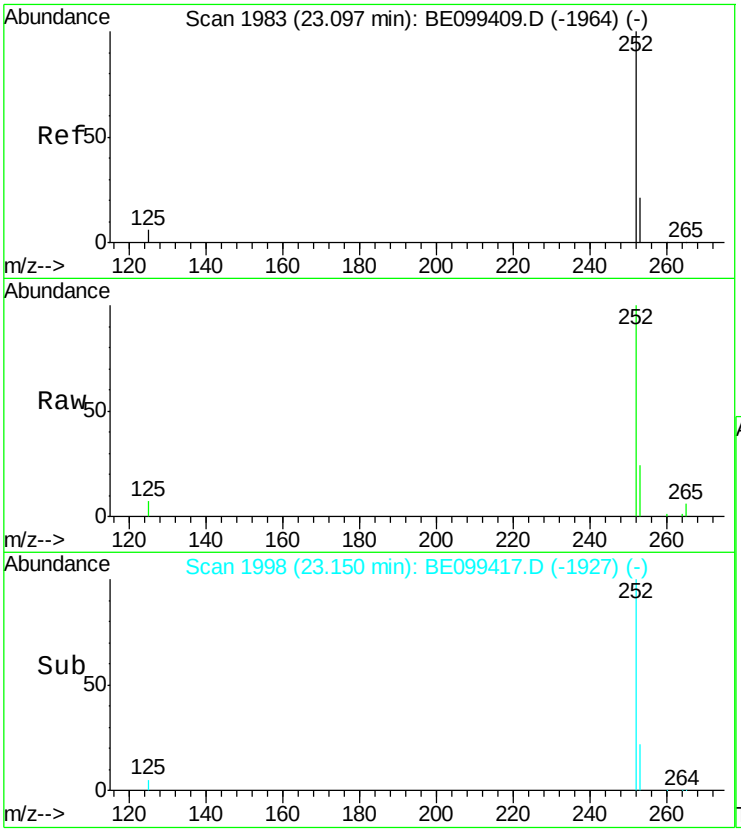


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:264 Resp: 21024

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	28.4	21.3	31.9



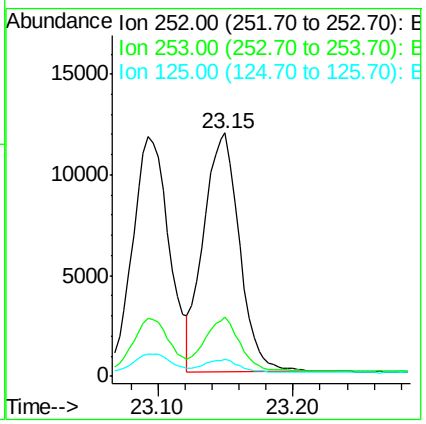


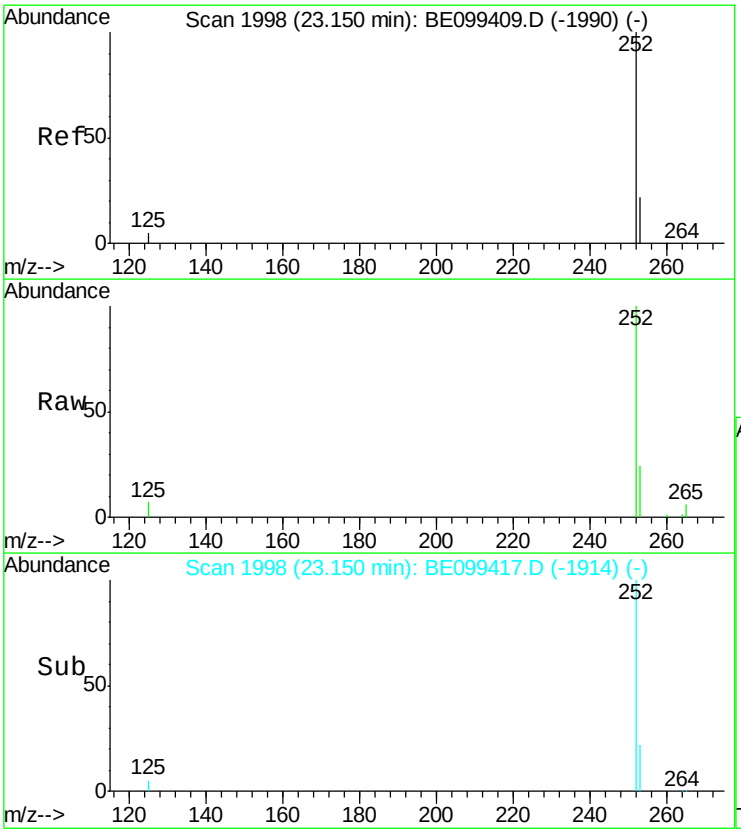
#35
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.05 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:252 Resp: 22008

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	6.8	5.6	8.4

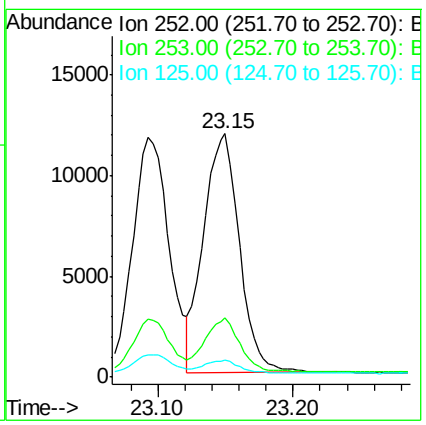


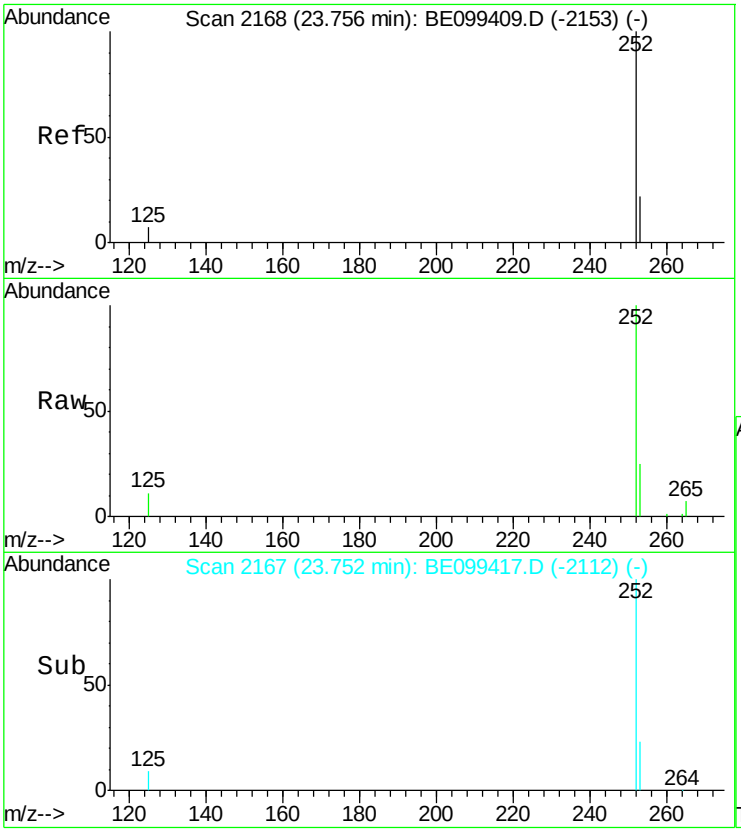


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:252 Resp: 22008

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	6.8	5.0	7.4



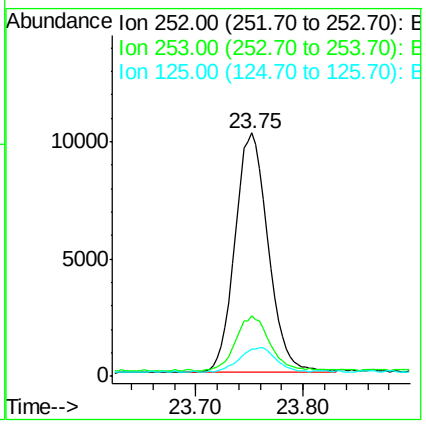


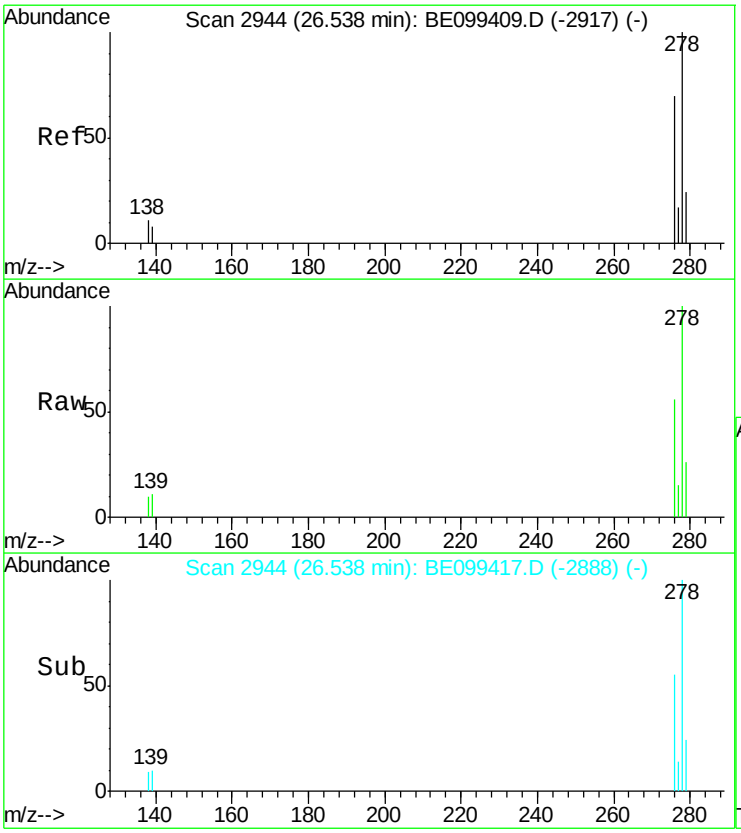
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:252 Resp: 22019

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.9	28.3
125	11.2	6.7	10.1#

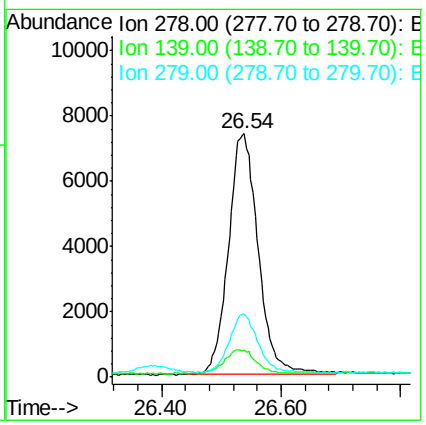


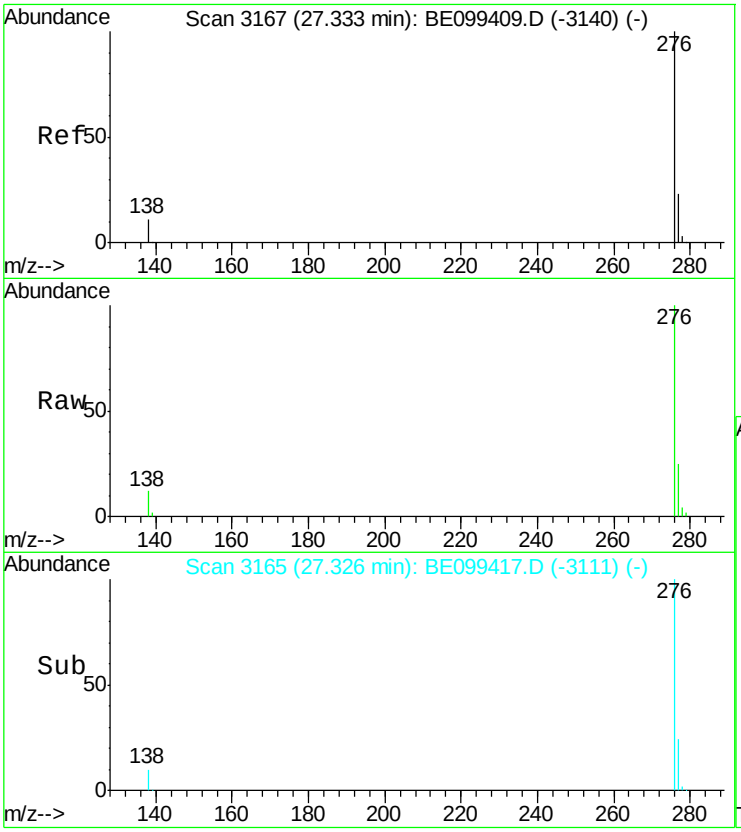


#38
Dibenzo(a,h)anthracene
Concen: 0.438 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Tgt Ion:278 Resp: 25659

Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.7	11.5
279	26.1	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.442 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE099417.D
Acq: 30 Apr 2019 9:32

Instrument :
BNA_E
ClientSampleId :
PB119229BS

Tgt Ion:276 Resp: 25941

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	11.7	9.6	14.4