Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099422.D
Acq On : 30 Apr 2019 12:31
Operator : JU/SJ
Sample : PB119270BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119270BS

Quant Time: Apr 30 23:57:14 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	7.81	152	2969	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	10106	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	5992	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	15662	0.40	ng		0.00
27) Chrysene-d12	21.37	240	19065	0.40	ng		0.00
34) Perylene-d12	23.87	264	23132	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2640	0.32	ng		0.00
5) Phenol-d6	6.97	99	3632	0.33	ng		0.00
8) Nitrobenzene-d5	8.96	82	2959	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	8316	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	918	0.24	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	7799	0.34	ng		-0.02
25) Fluoranthene-d10	19.22	212	60272	0.29	ng		0.00
29) Terphenyl-d14	19.81	244	12881	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	1043	0.255	ng	#	79
3) n-Nitrosodimethylamine	3.65	42	747	0.303	ng	#	94
6) bis(2-Chloroethyl)ether	7.23	93	2914	0.309	ng		96
9) Naphthalene	10.65	128	36450	0.331	ng		100
10) Hexachlorobutadiene	10.93	225	2398	0.313	ng		98
12) 2-Methylnaphthalene	12.27	142	6025	0.315	ng		96
16) Acenaphthylene	14.18	152	9728	0.332	ng		99
17) Acenaphthene	14.51	154	5713	0.341	ng		99
18) Fluorene	15.49	166	7836	0.317	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	3183	0.349	ng	#	91
21) Hexachlorobenzene	16.49	284	3137	0.361	ng		97
22) Pentachlorophenol	16.84	266	2136	0.624	ng		96
23) Phenanthrene	17.23	178	14469	0.358	ng		99
24) Anthracene	17.32	178	13699	0.356	ng		99
26) Fluoranthene	19.25	202	20557	0.340	ng		99
28) Pyrene	19.61	202	21449	0.432	ng		100
30) Benzo(a)anthracene	21.34	228	26020	0.428	ng		98
31) Chrysene	21.40	228	25211	0.424	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	34065	0.326	ng		100
33) Indeno(1,2,3-cd)pyrene	26.51	276	36034	0.513	ng		98
35) Benzo(b)fluoranthene	23.10	252	25804	0.387	ng		99
36) Benzo(k)fluoranthene	23.15	252	26590	0.413	ng		98
37) Benzo(a)pyrene	23.75	252	25868	0.410	ng		99
38) Dibenzo(a,h)anthracene	26.53	278	30283	0.469	ng		99
39) Benzo(g,h,i)perylene	27.32	276	30981	0.479	ng		100

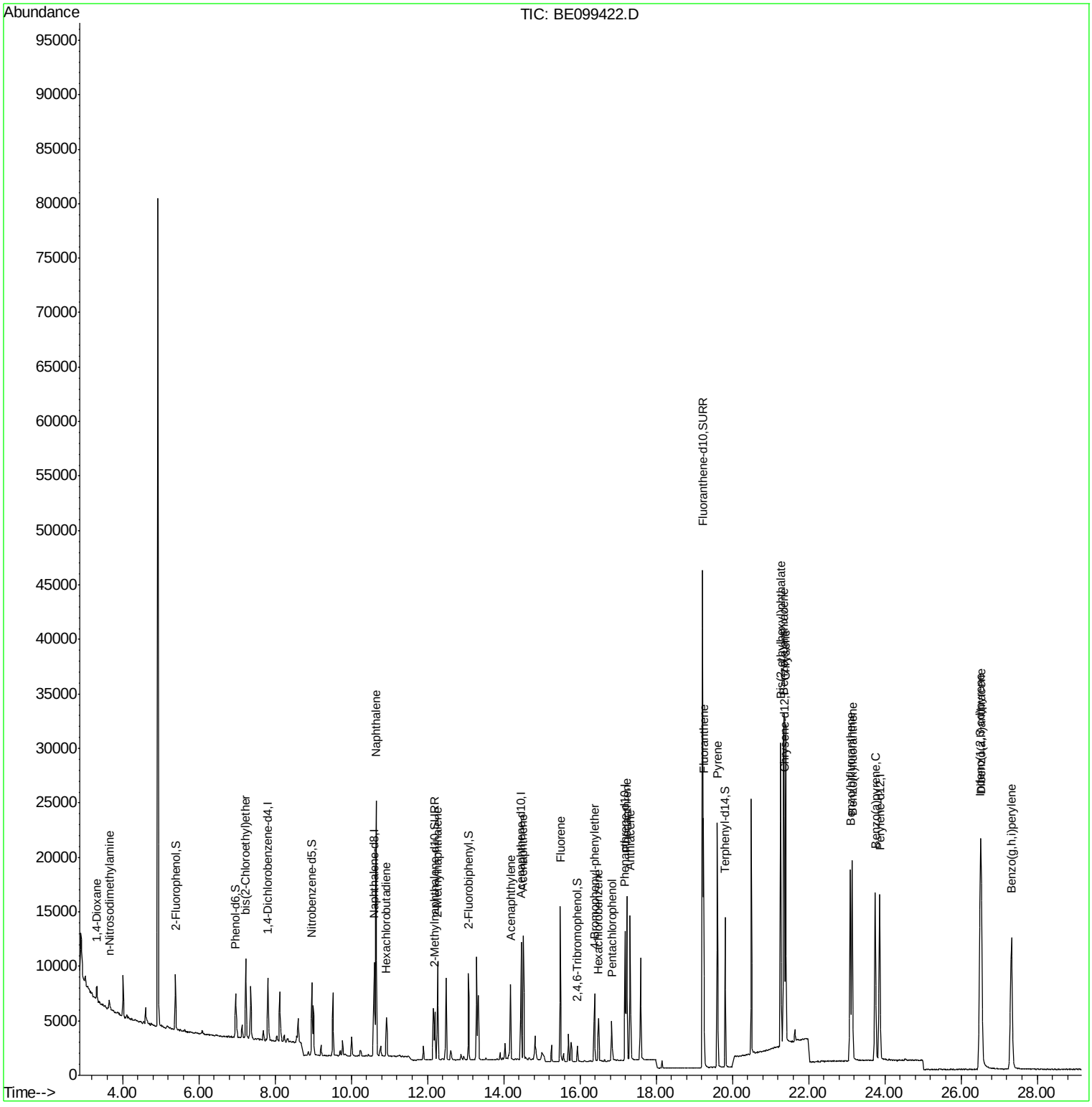
(#) = qualifier out of range (m) = manual integration (+) = signals summed

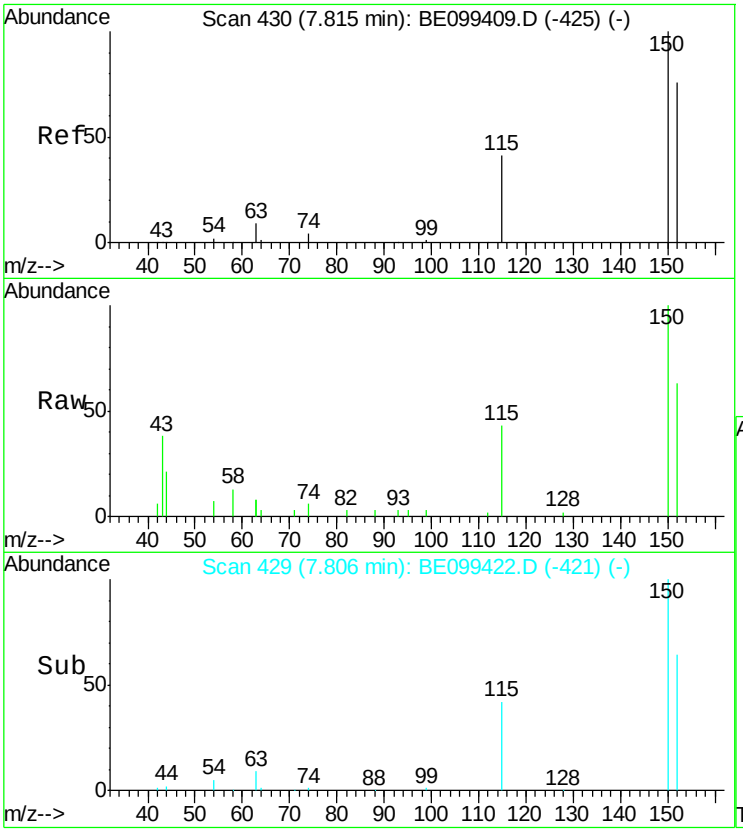
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099422.D
Acq On : 30 Apr 2019 12:31
Operator : JU/SJ
Sample : PB119270BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Quant Time: Apr 30 23:57:14 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



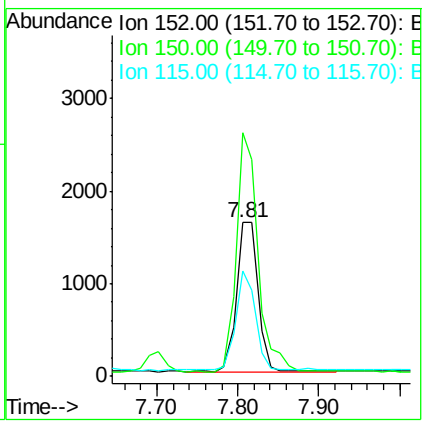


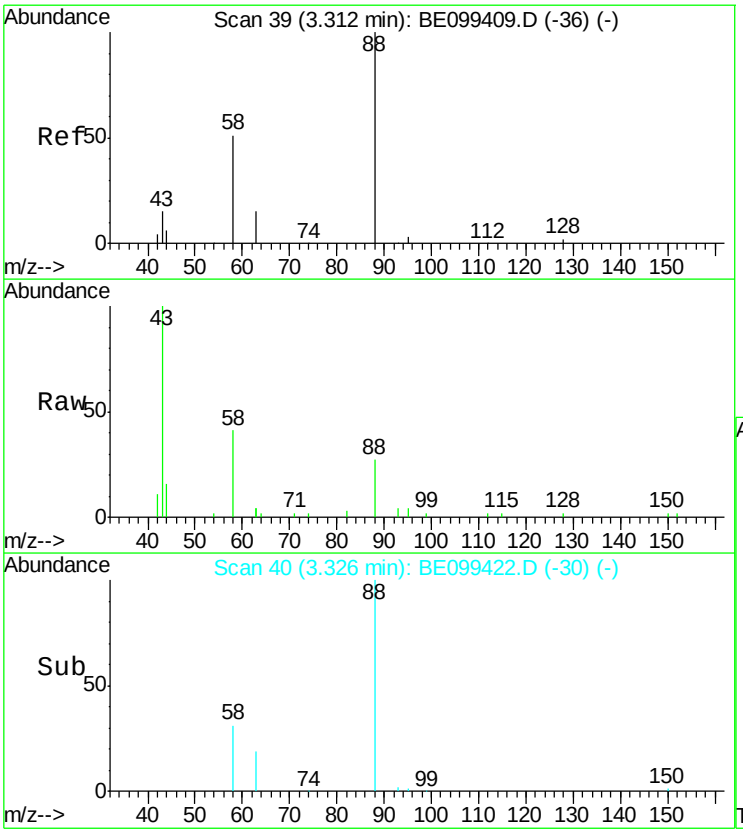
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:152 Resp: 2969

Ion	Ratio	Lower	Upper
152	100		
150	158.3	104.8	157.2#
115	68.2	46.6	69.8

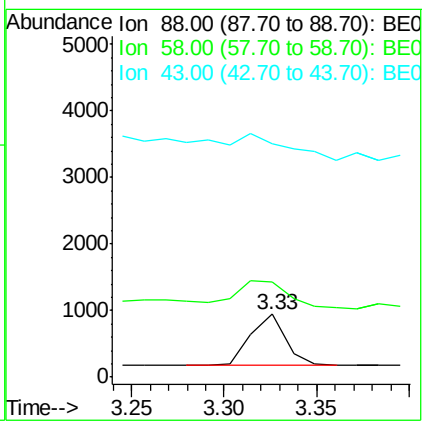


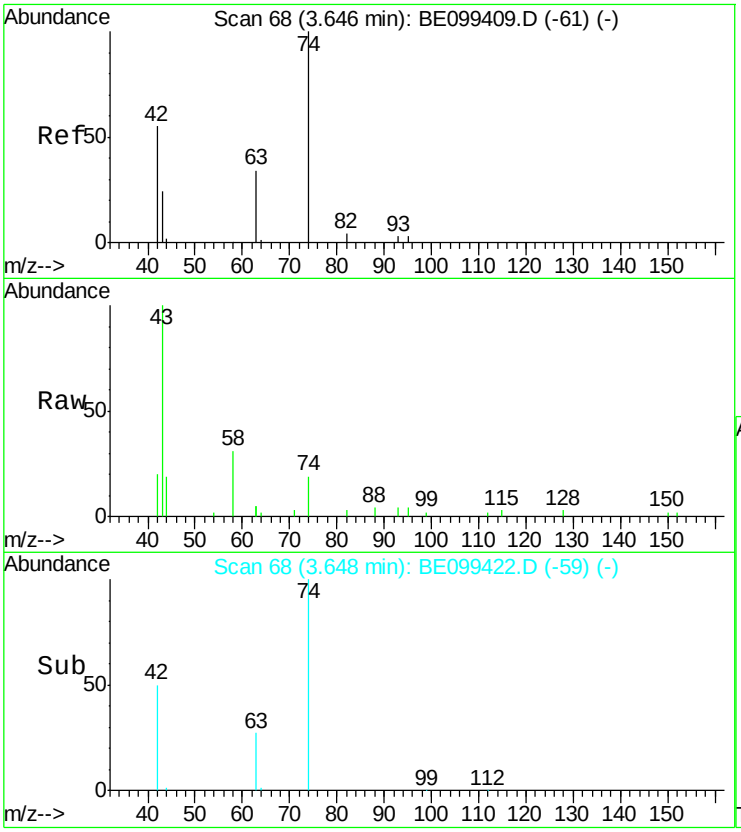


#2
1,4-Dioxane
Concen: 0.255 ng
RT: 3.33 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion: 88 Resp: 1043

Ion	Ratio	Lower	Upper
88	100		
58	71.3	51.0	76.6
43	0.0	20.6	30.8#



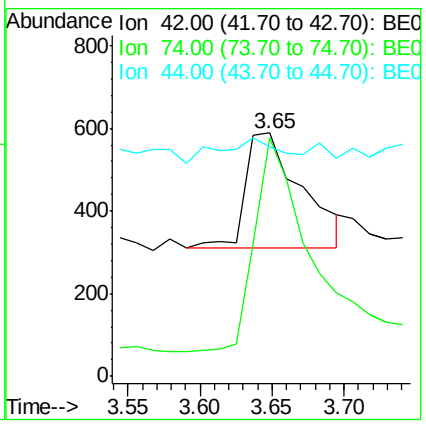


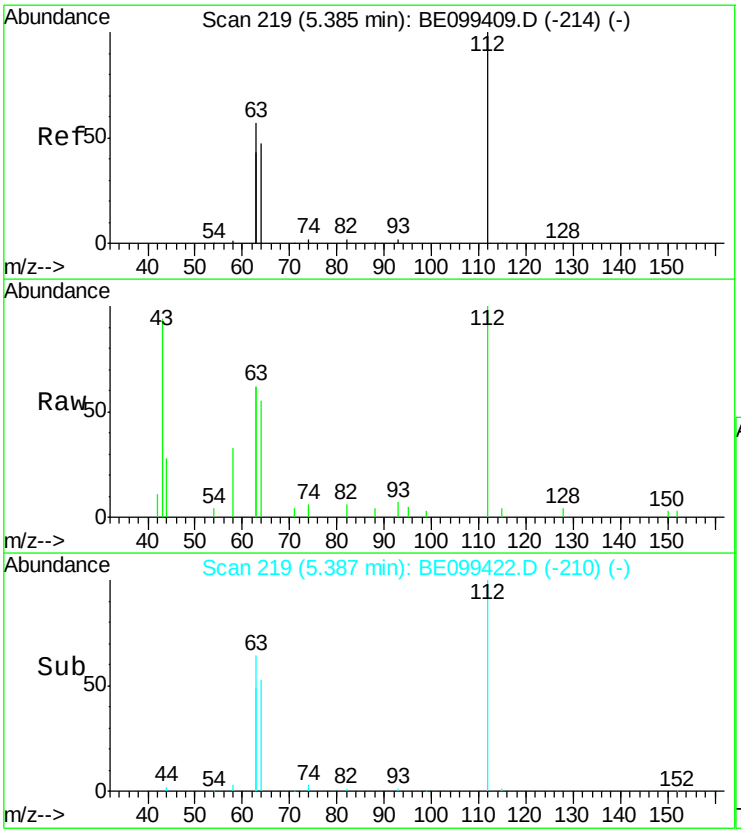
#3
n-Nitrosodimethylamine
Concen: 0.303 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion: 42 Resp: 747

Ion	Ratio	Lower	Upper
42	100		
74	168.8	141.6	212.4
44	23.4	0.0	0.0#

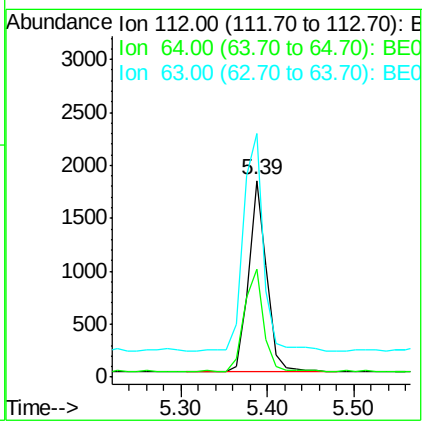


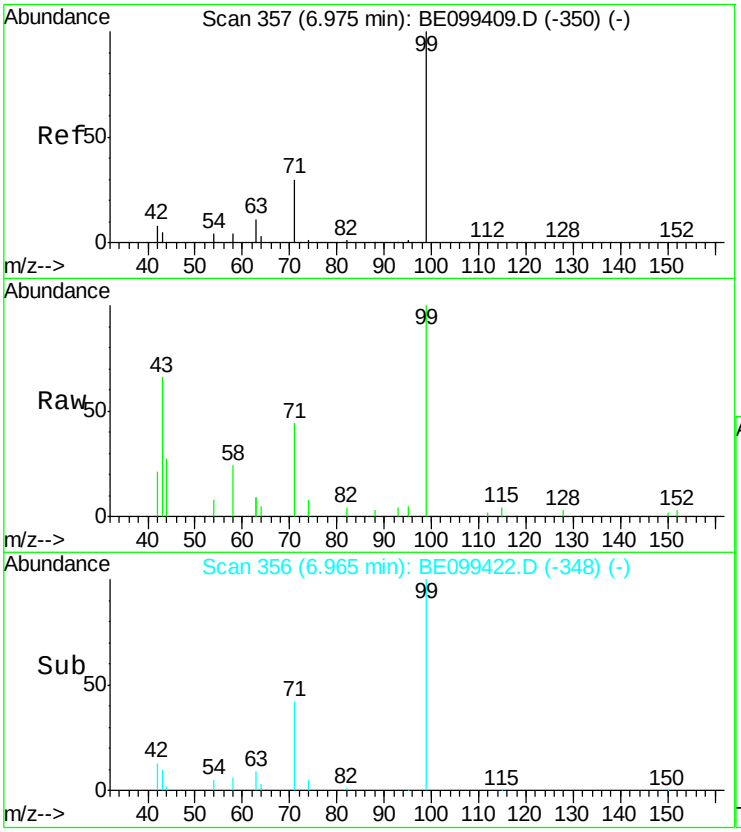


#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:112 Resp: 2640

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.4	71.0
63	126.5	104.3	156.5



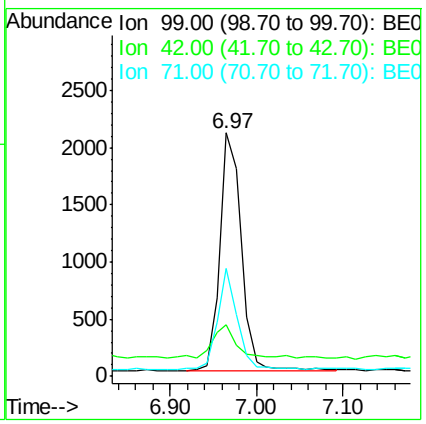


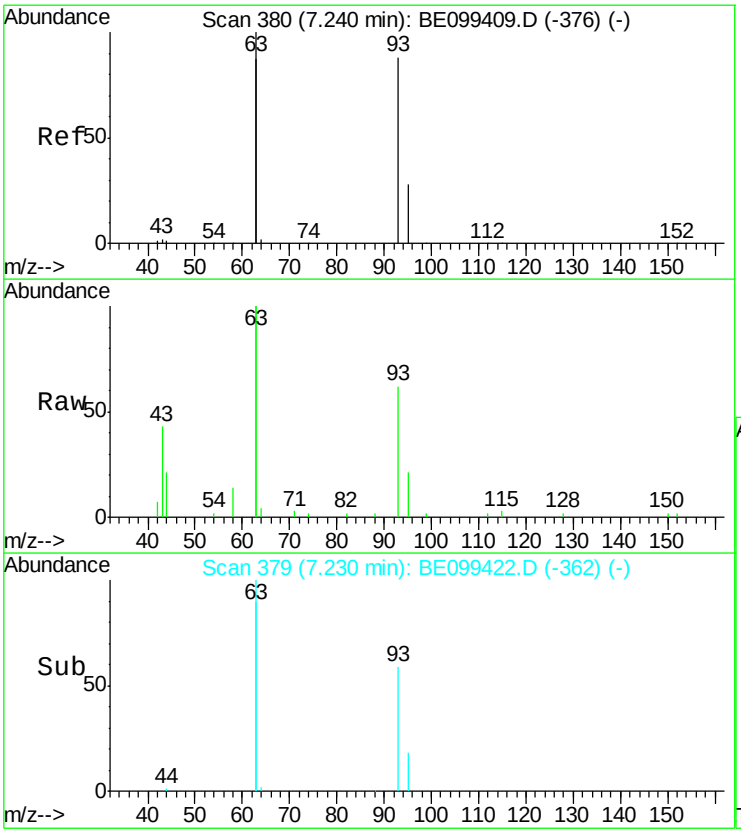
#5
Phenol-d6
Concen: 0.333 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion: 99 Resp: 3632

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.9	22.3#
71	38.4	33.0	49.6

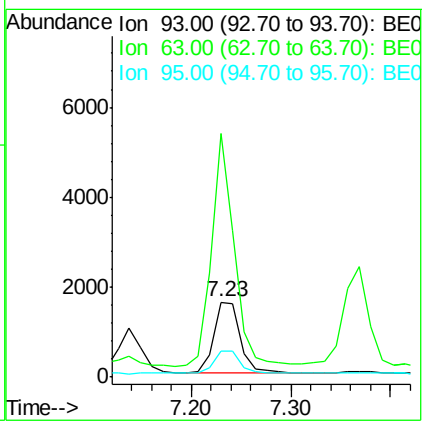


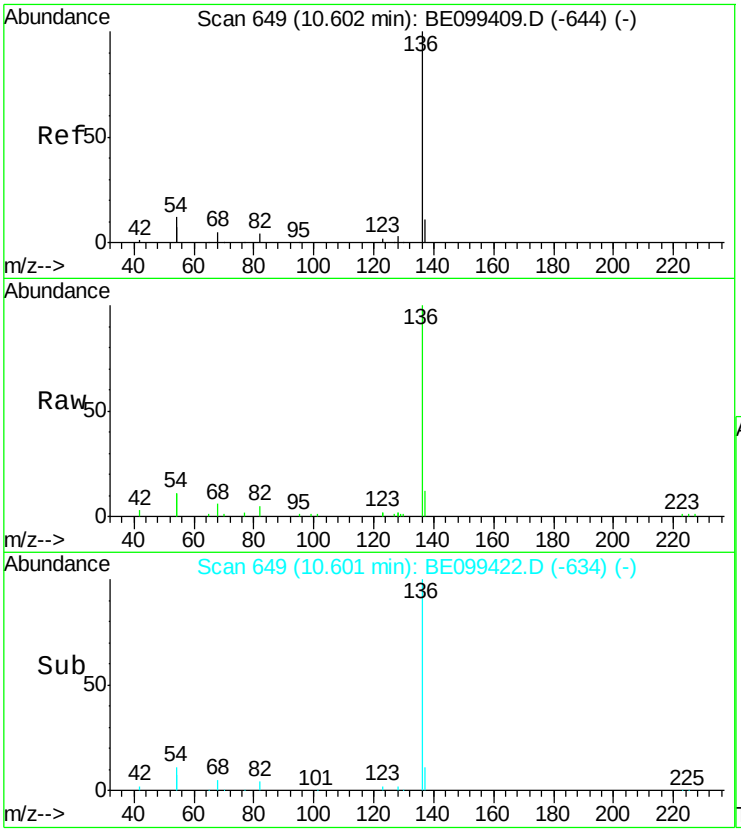


#6
bis(2-Chloroethyl)ether
Concen: 0.309 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion: 93 Resp: 2914

Ion	Ratio	Lower	Upper
93	100		
63	277.9	215.6	323.4
95	32.2	26.2	39.2



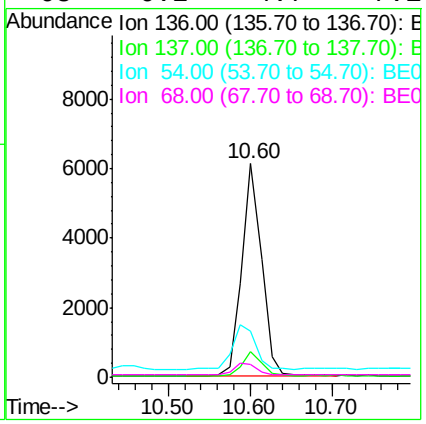


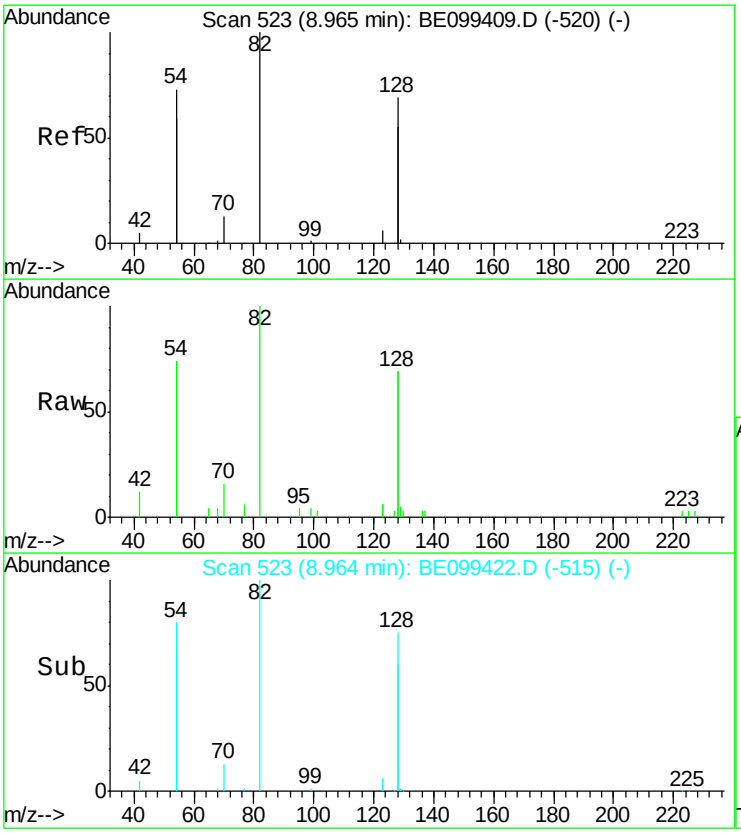
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:136 Resp: 10106

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	21.7	18.5	27.7
68	6.2	4.7	7.1

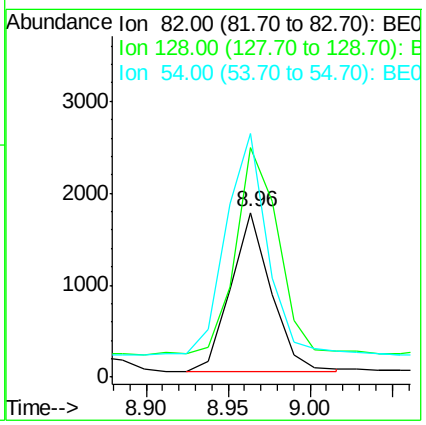


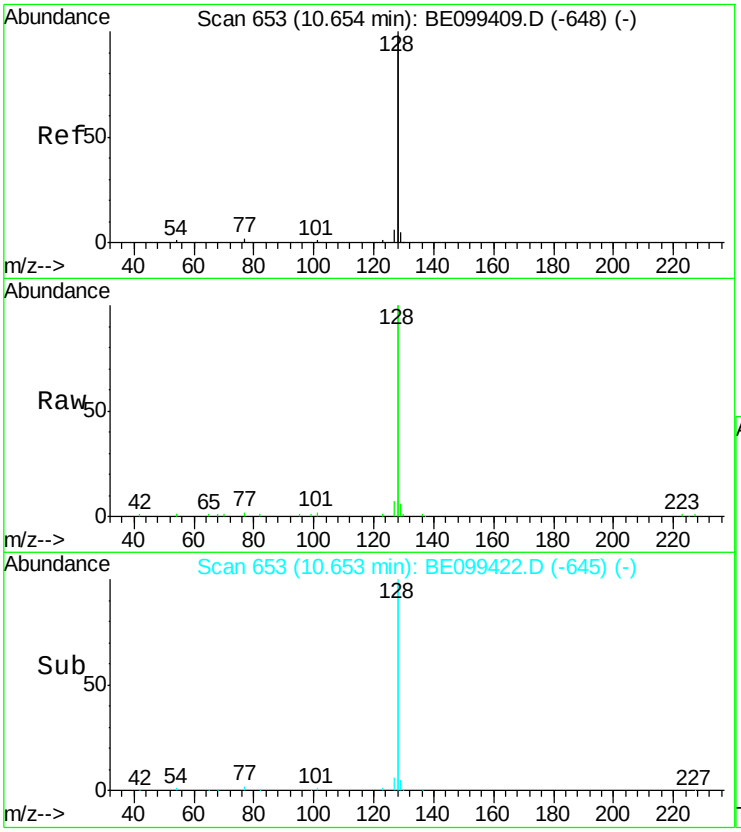


#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion: 82 Resp: 2959

Ion	Ratio	Lower	Upper
82	100		
128	138.9	107.0	160.4
54	147.7	113.1	169.7



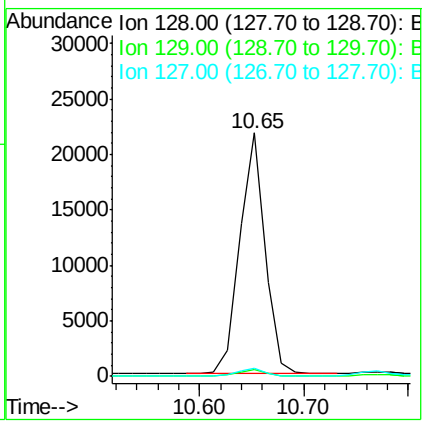


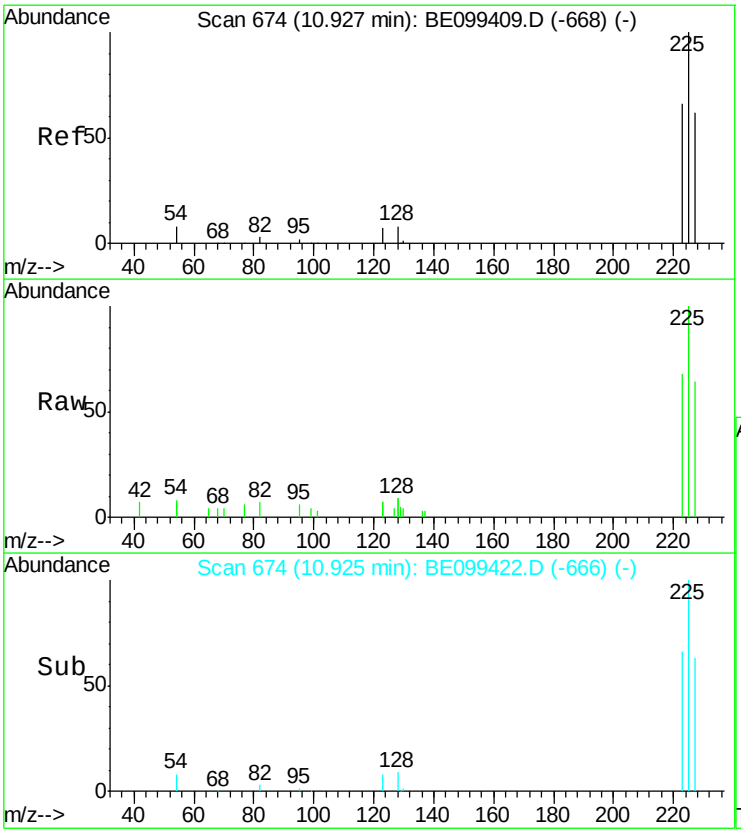
#9
Naphthalene
Concen: 0.331 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:128 Resp: 36450

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.4	2.8	4.2

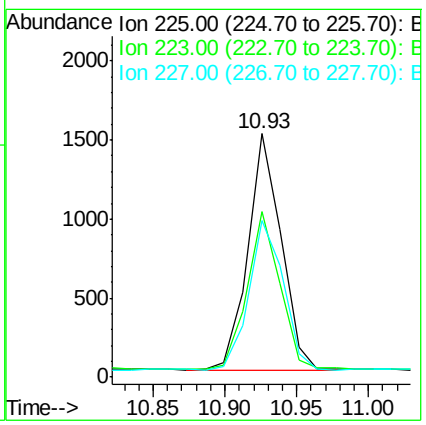


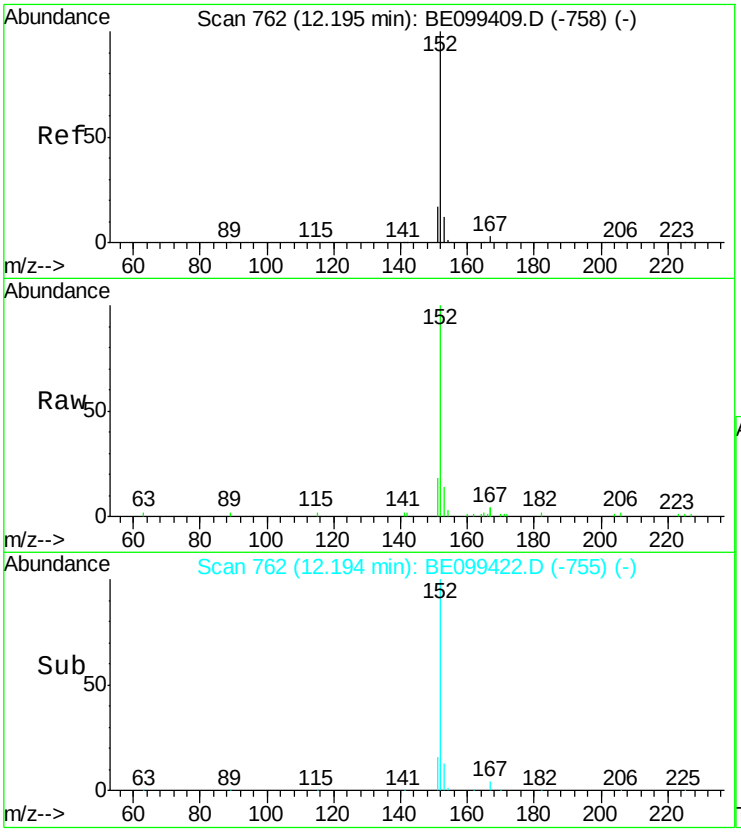


#10
Hexachlorobutadiene
Concen: 0.313 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:225 Resp: 2398

Ion	Ratio	Lower	Upper
225	100		
223	65.6	51.0	76.6
227	65.6	50.9	76.3



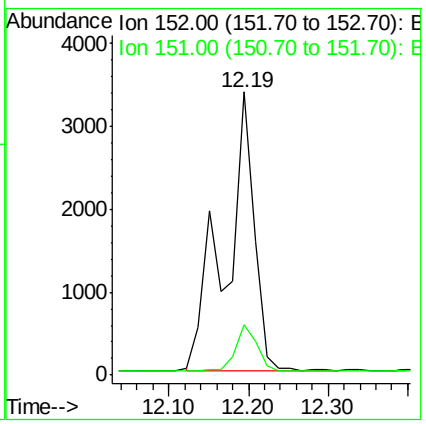


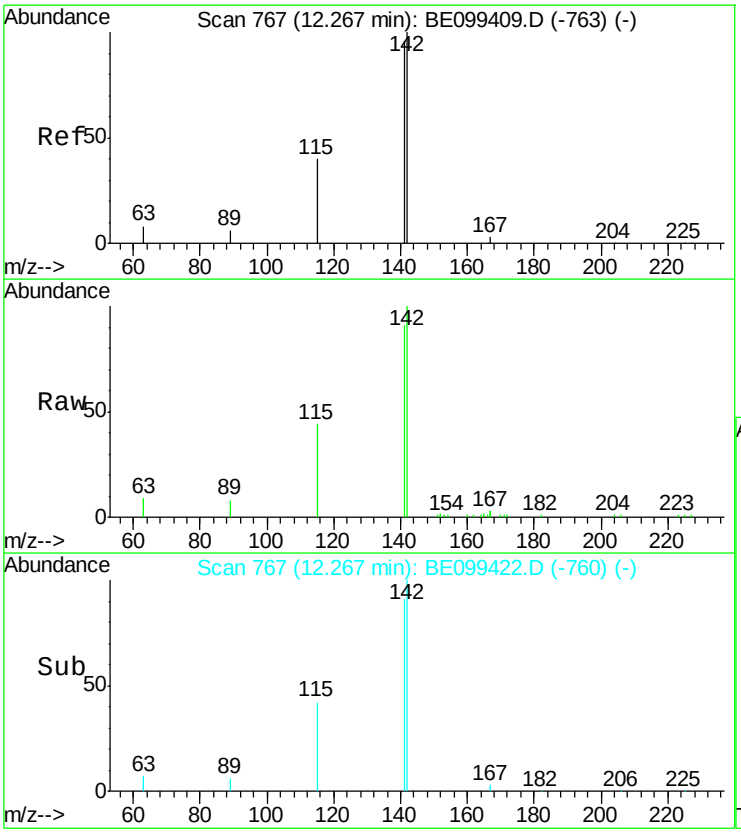
#11
2-Methylnaphthalene-d10
Concen: 0.457 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:152 Resp: 8316

Ion	Ratio	Lower	Upper
152	100		
151	12.7	15.5	23.3#

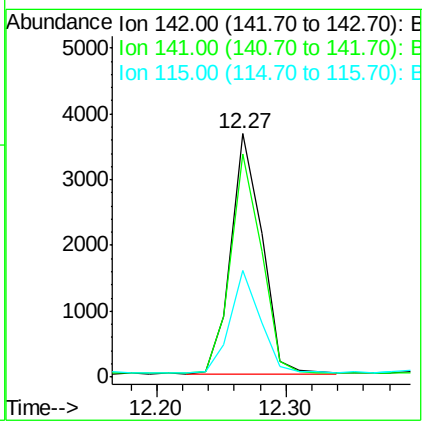


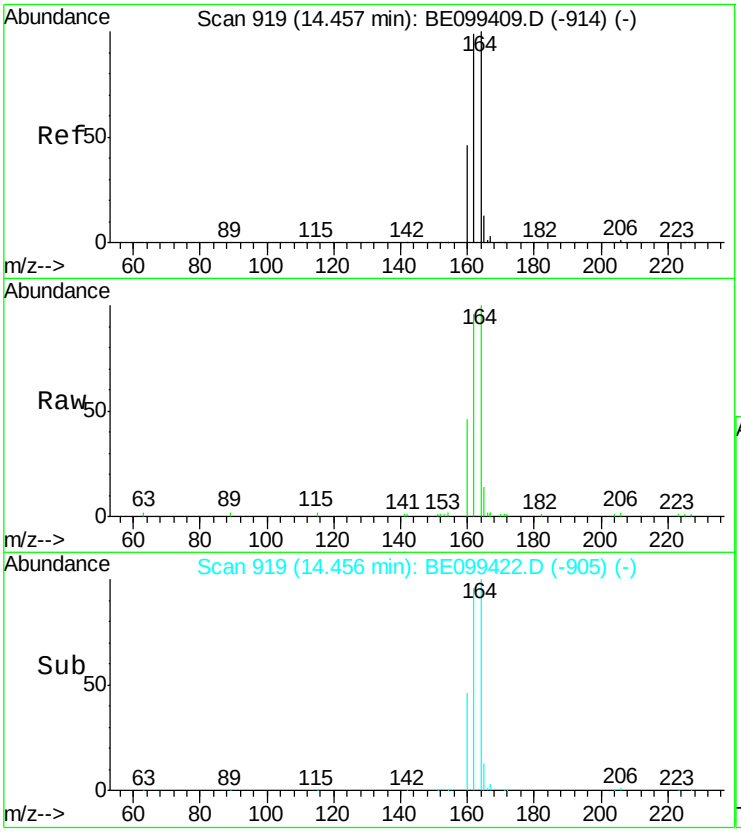


#12
2-Methylnaphthalene
Concen: 0.315 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:142 Resp: 6025

Ion	Ratio	Lower	Upper
142	100		
141	91.4	77.0	115.4
115	43.7	33.4	50.0



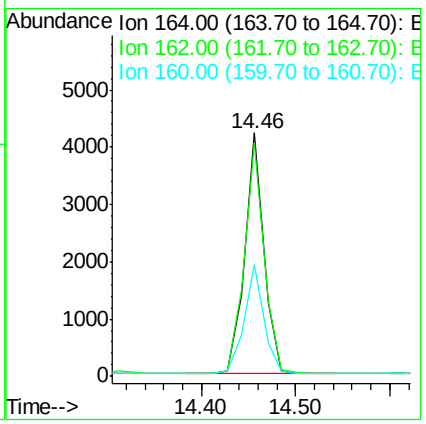


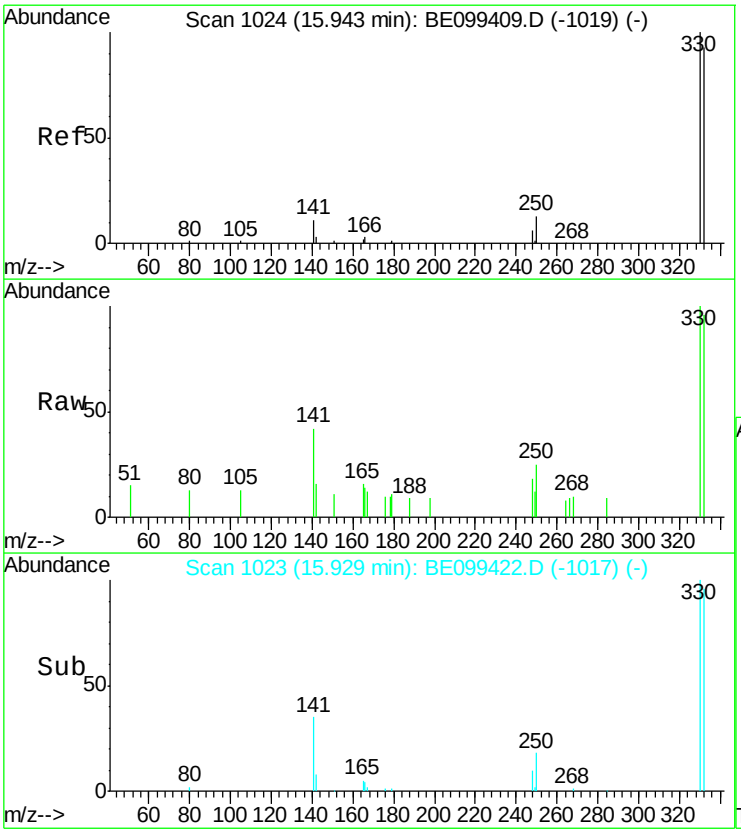
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:164 Resp: 5992

Ion	Ratio	Lower	Upper
164	100		
162	95.9	79.0	118.4
160	46.2	37.0	55.4

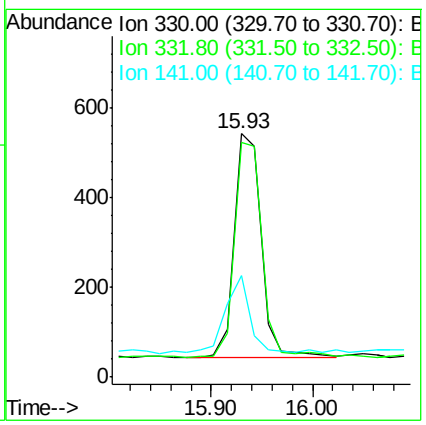


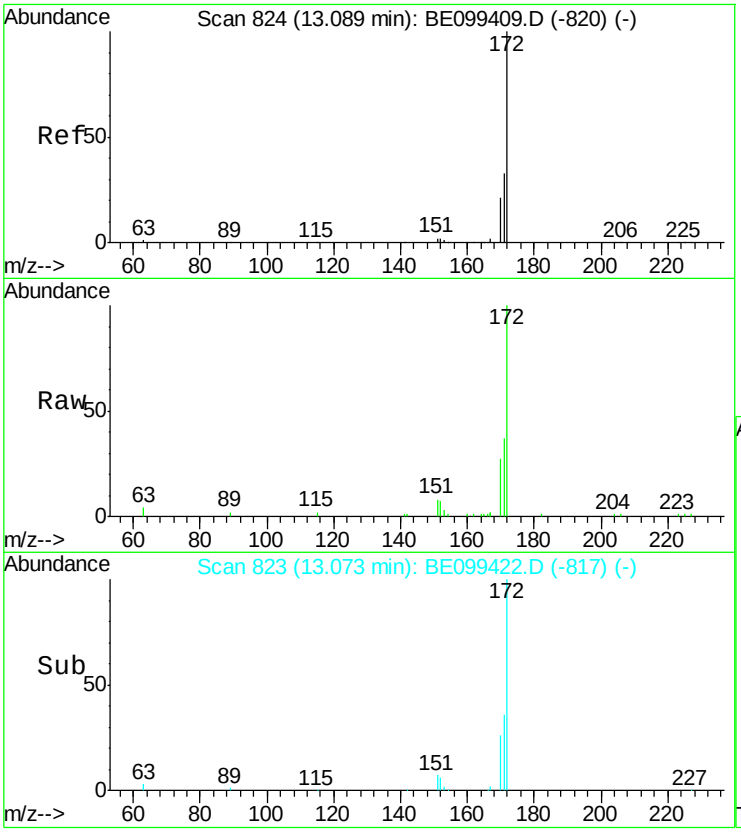


#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:330 Resp: 918

Ion	Ratio	Lower	Upper
330	100		
332	99.9	71.5	107.3
141	30.8	24.0	36.0



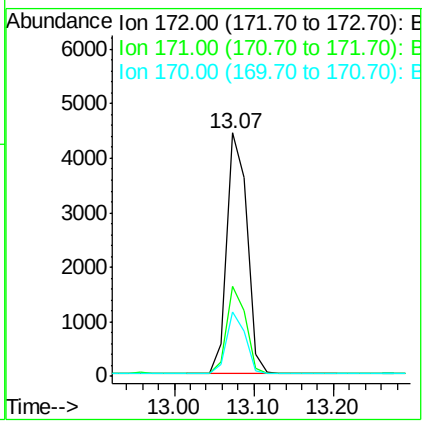


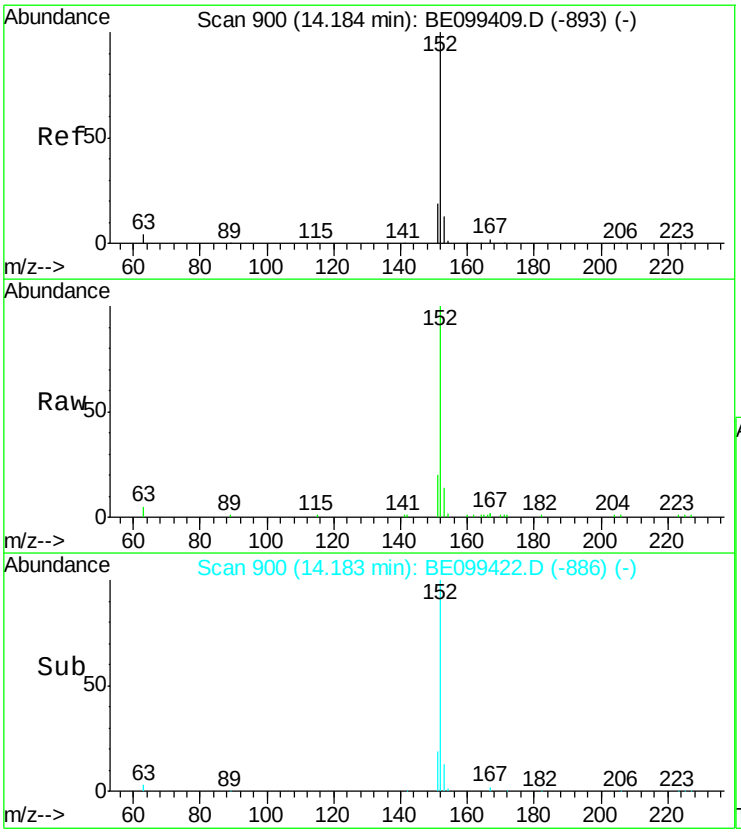
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:172 Resp: 7799

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.6	39.8
170	26.6	17.0	25.6#

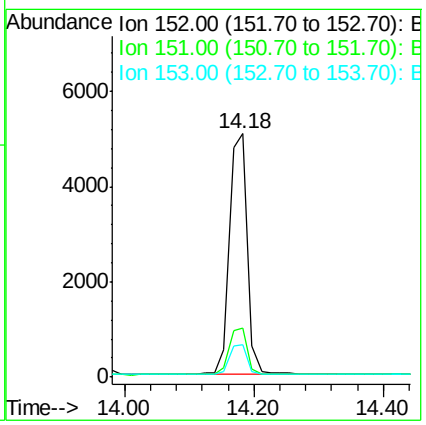


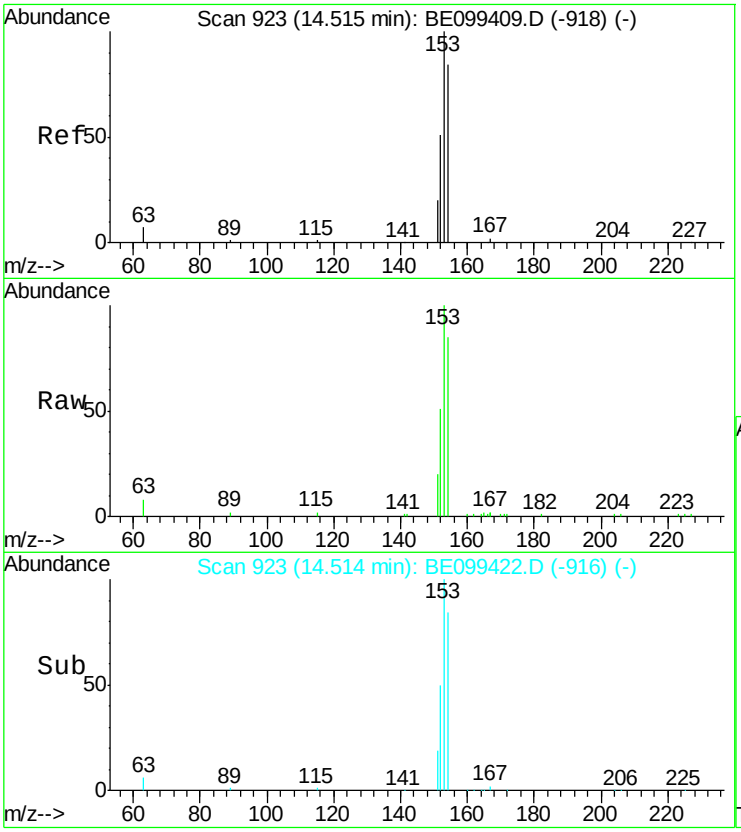


#16
Acenaphthylene
Concen: 0.332 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:152 Resp: 9728

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.6	9.8	14.6



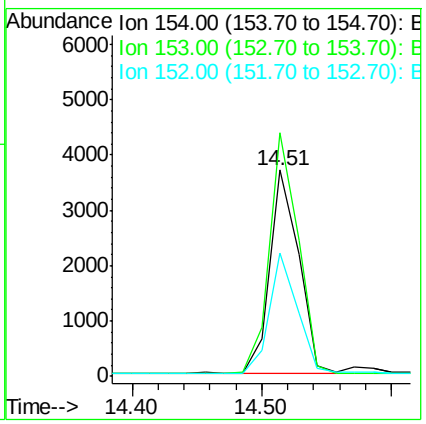


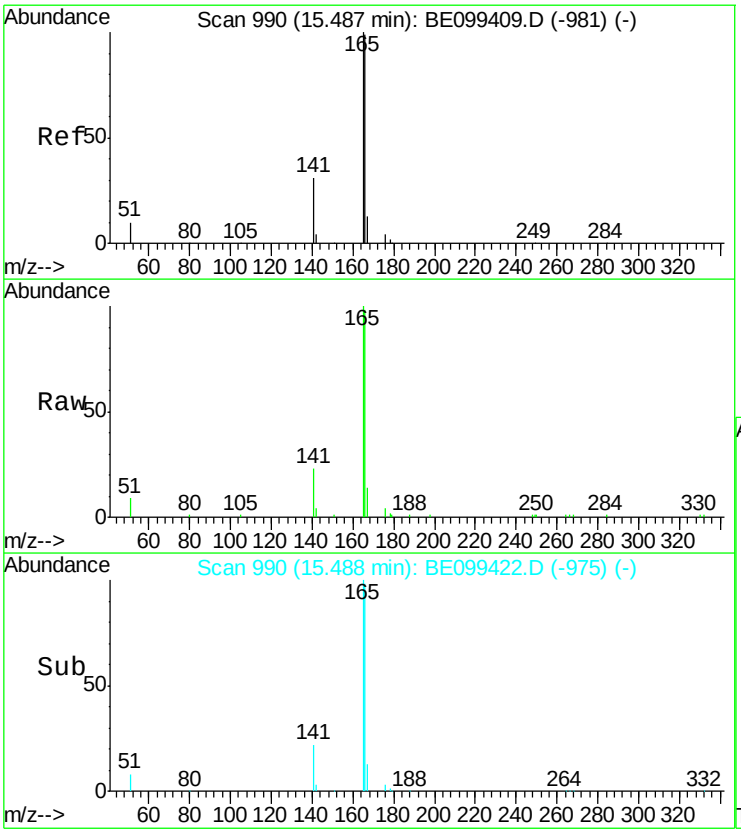
#17
Acenaphthene
Concen: 0.341 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:154 Resp: 5713

Ion	Ratio	Lower	Upper
154	100		
153	117.6	92.6	138.8
152	57.2	45.8	68.8

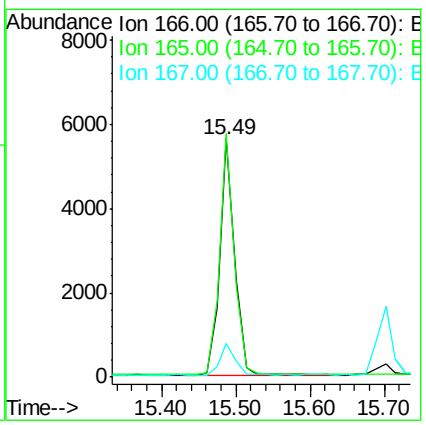


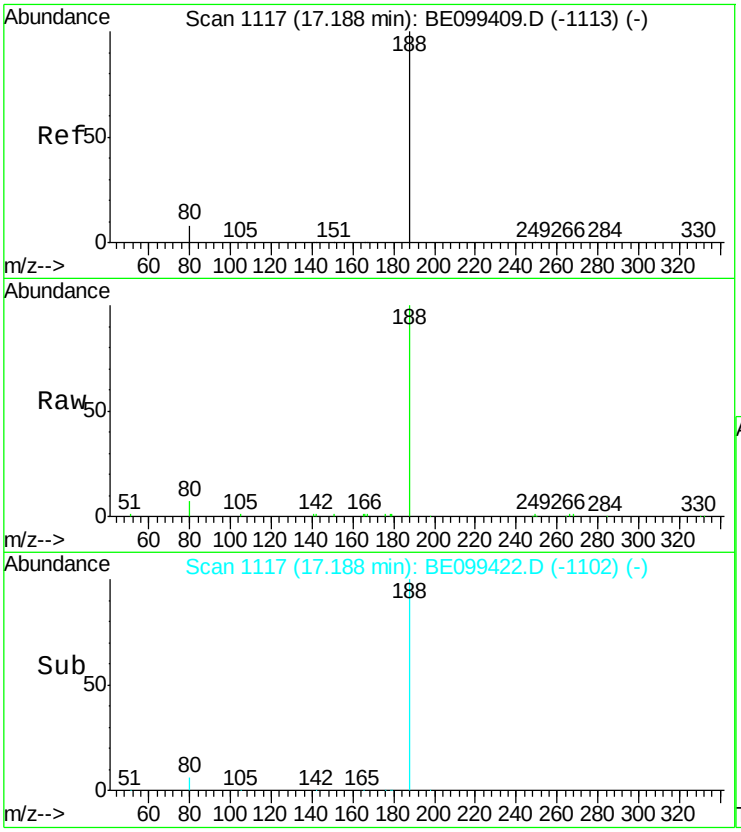


#18
Fluorene
Concen: 0.317 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:166 Resp: 7836

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.3	120.5
167	13.2	10.7	16.1



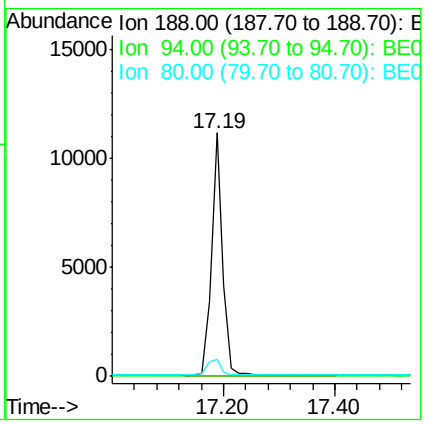


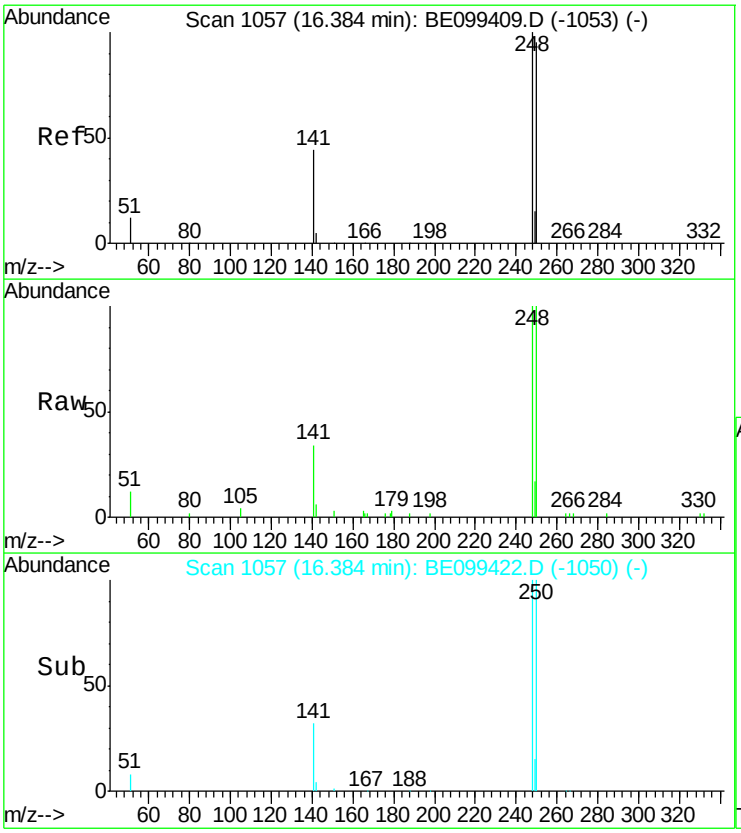
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:188 Resp: 15662

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.7	10.1

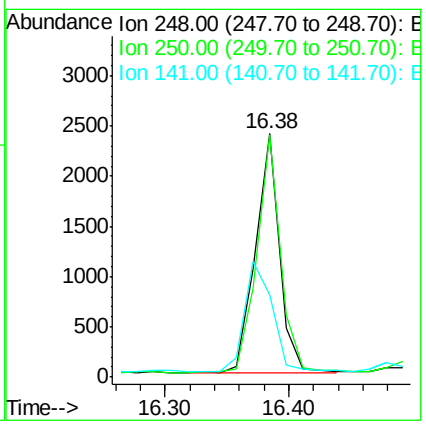


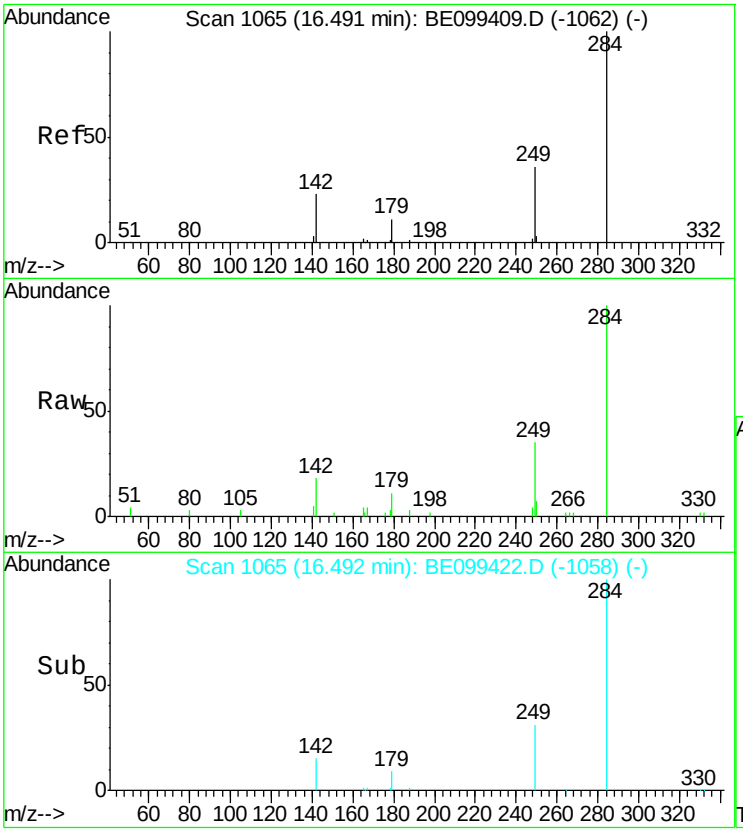


#20
4-Bromophenyl-phenylether
Concen: 0.349 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:248 Resp: 3183

Ion	Ratio	Lower	Upper
248	100		
250	99.7	75.8	113.8
141	33.9	35.7	53.5#



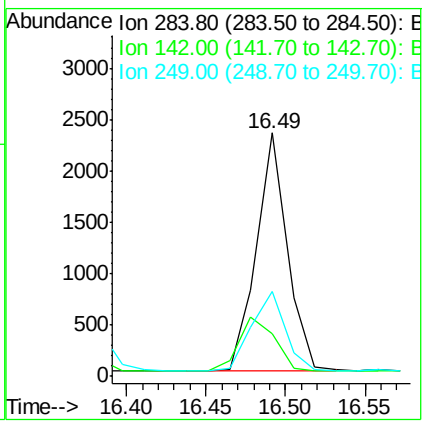


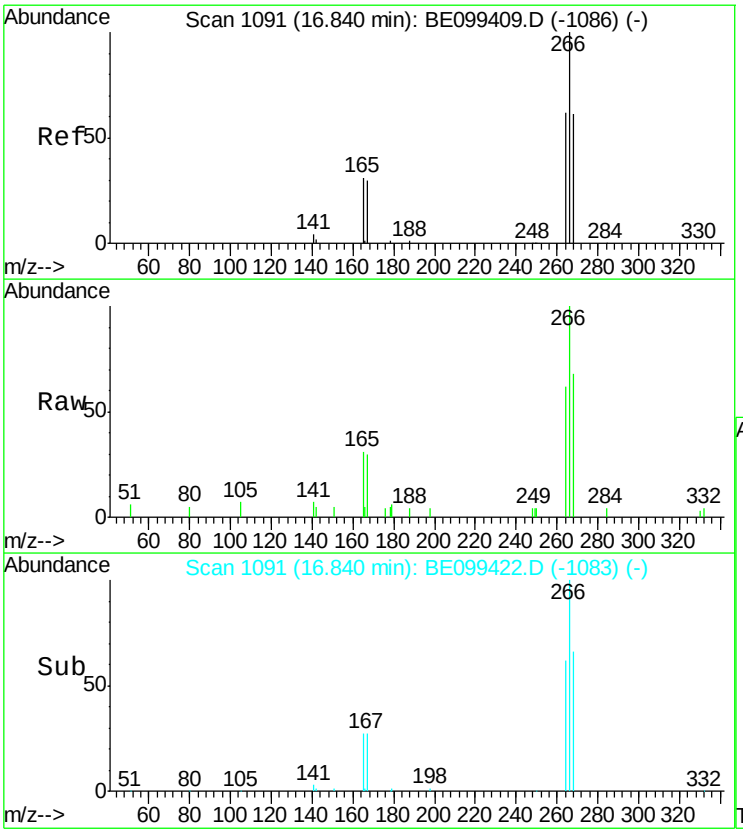
#21
Hexachlorobenzene
Concen: 0.361 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:284 Resp: 3137

Ion	Ratio	Lower	Upper
284	100		
142	26.2	21.0	31.6
249	36.3	26.7	40.1

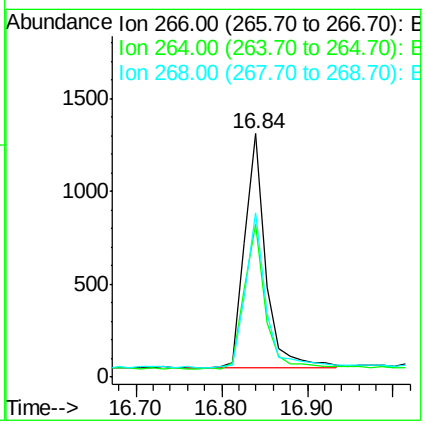


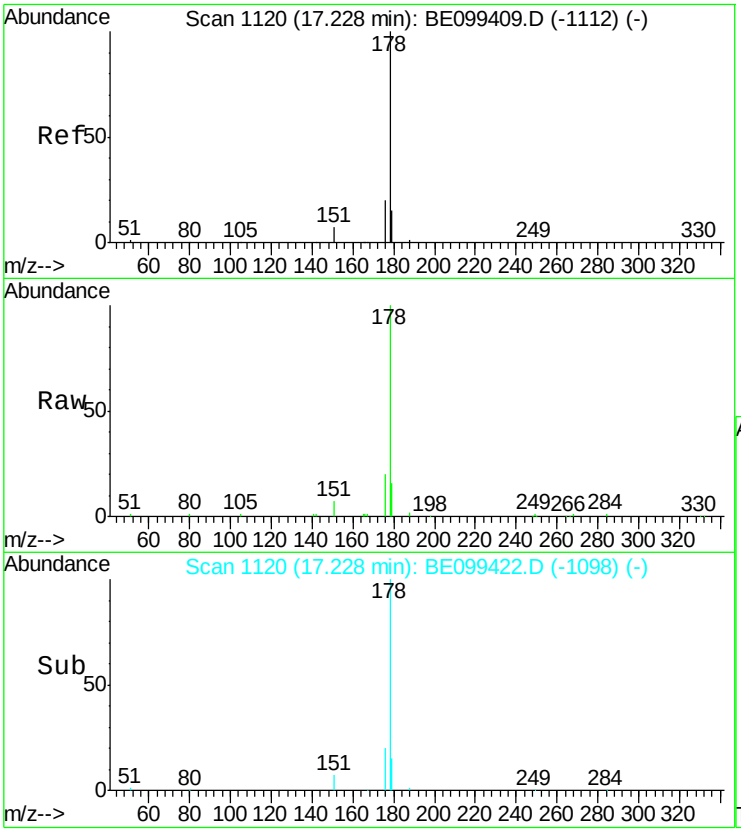


#22
Pentachlorophenol
Concen: 0.624 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:266 Resp: 2136

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.8	76.2
268	67.6	50.5	75.7



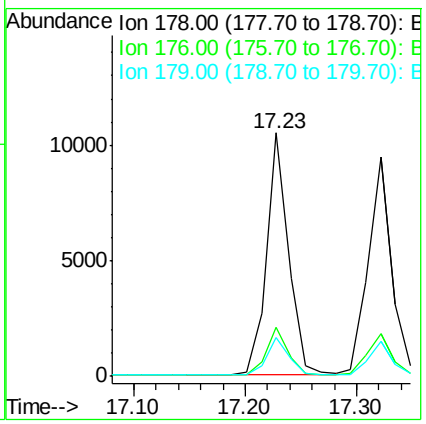


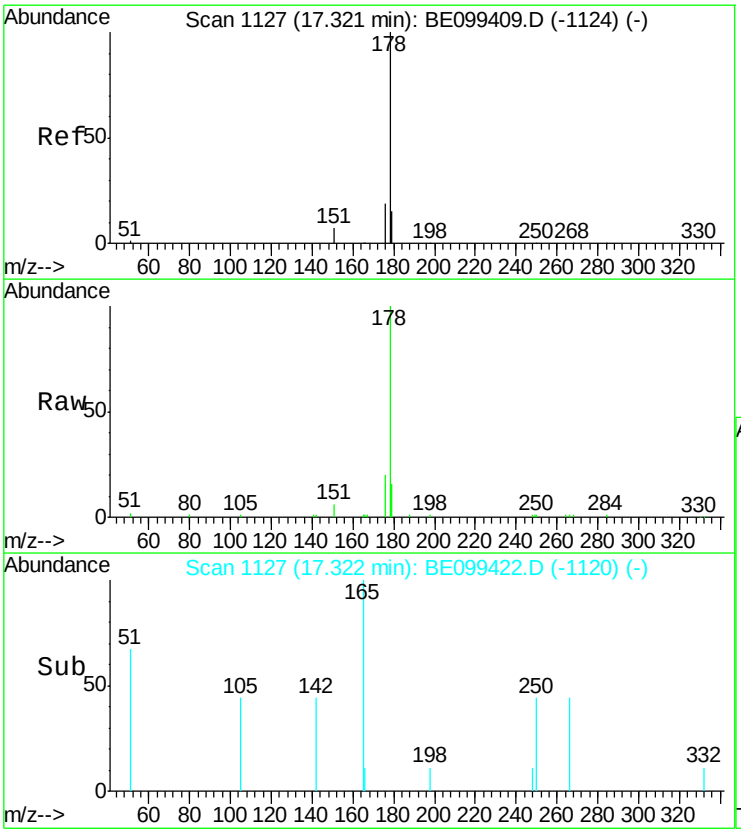
#23
Phenanthrene
Concen: 0.358 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:178 Resp: 14469

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.4	12.0	18.0

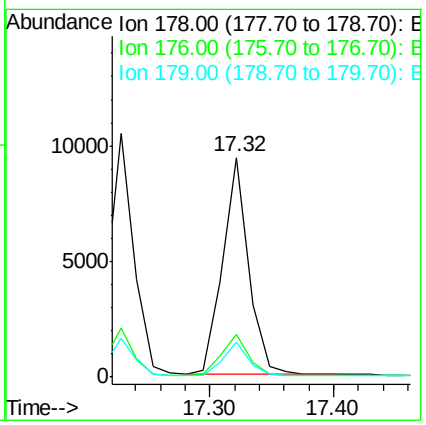


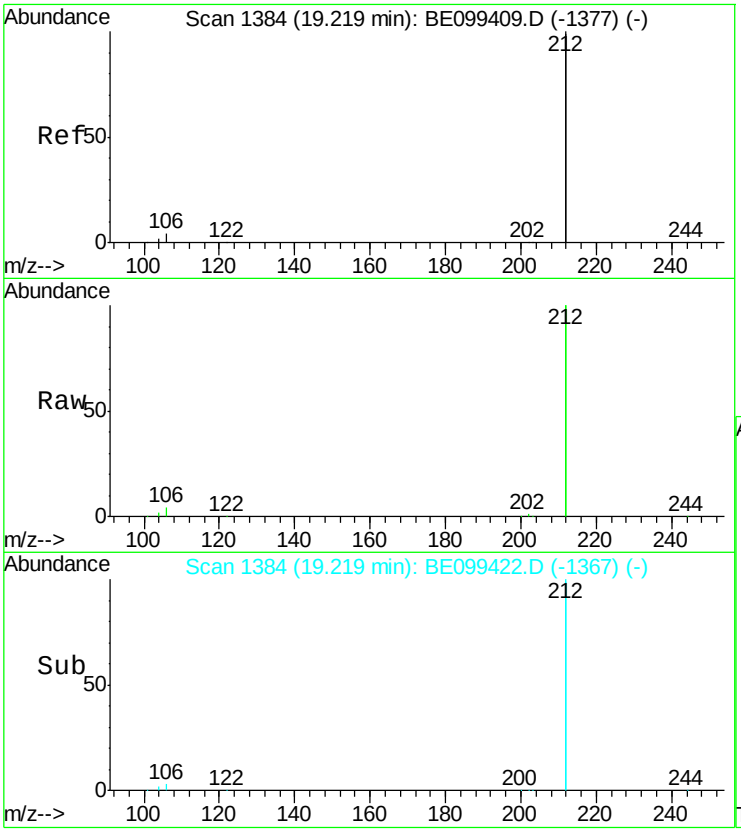


#24
Anthracene
Concen: 0.356 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:178 Resp: 13699

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.9	22.3
179	14.9	11.9	17.9



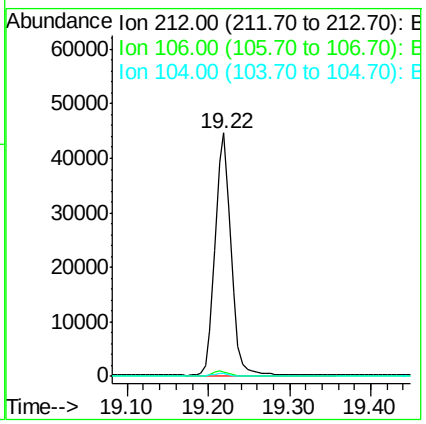


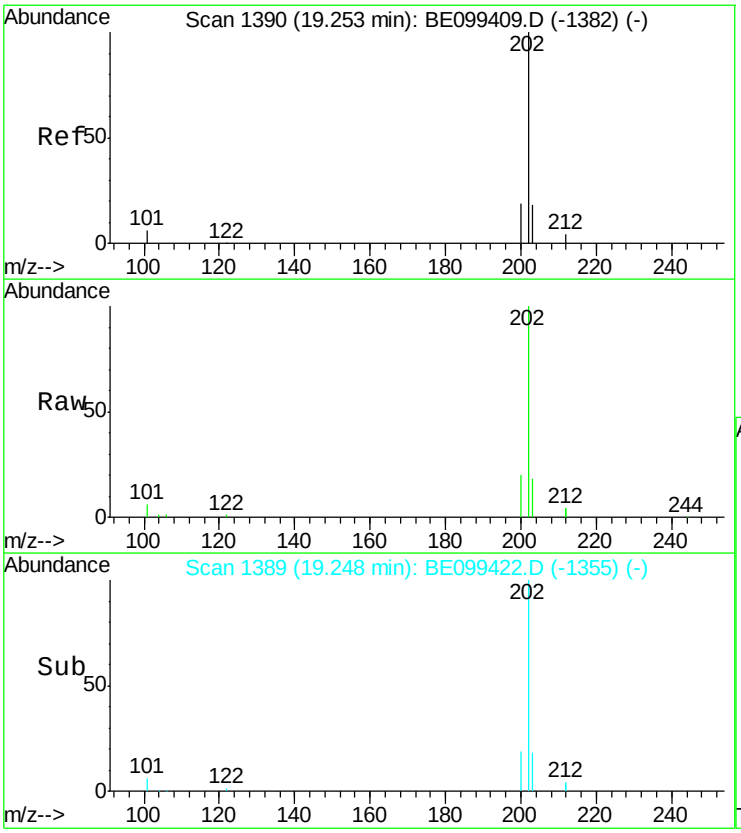
#25
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:212 Resp: 60272

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

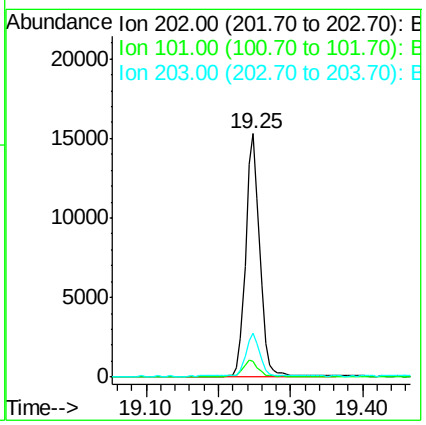


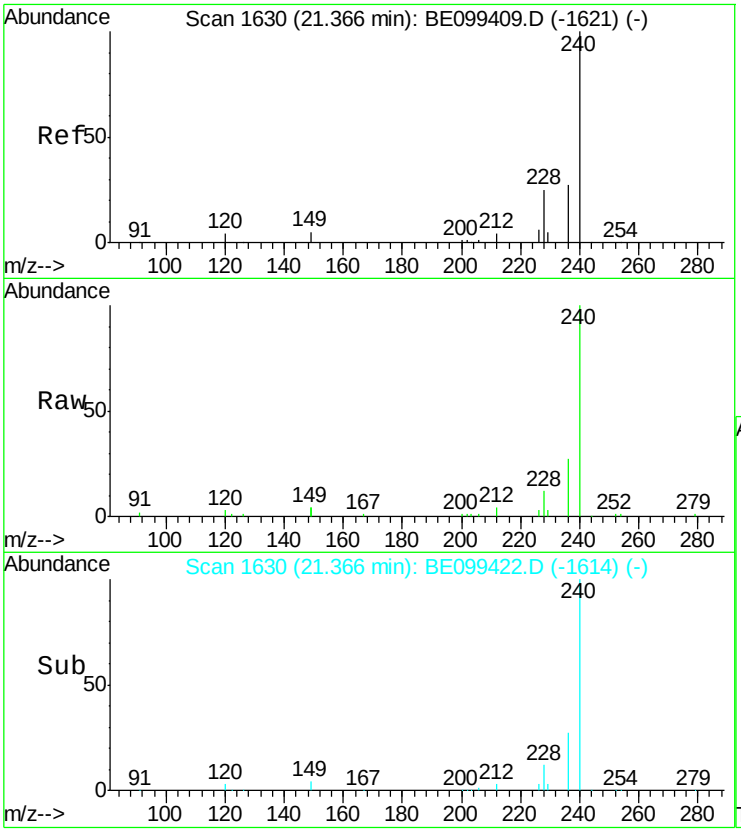


#26
Fluoranthene
Concen: 0.340 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:202 Resp: 20557

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.4	8.0
203	17.1	13.9	20.9



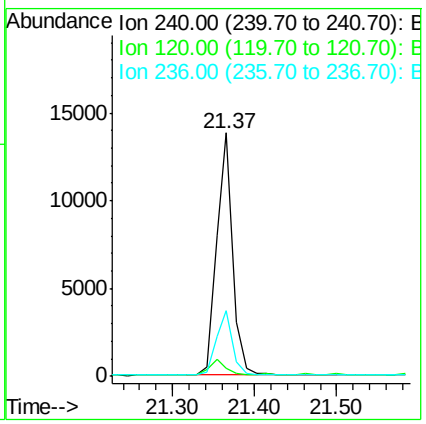


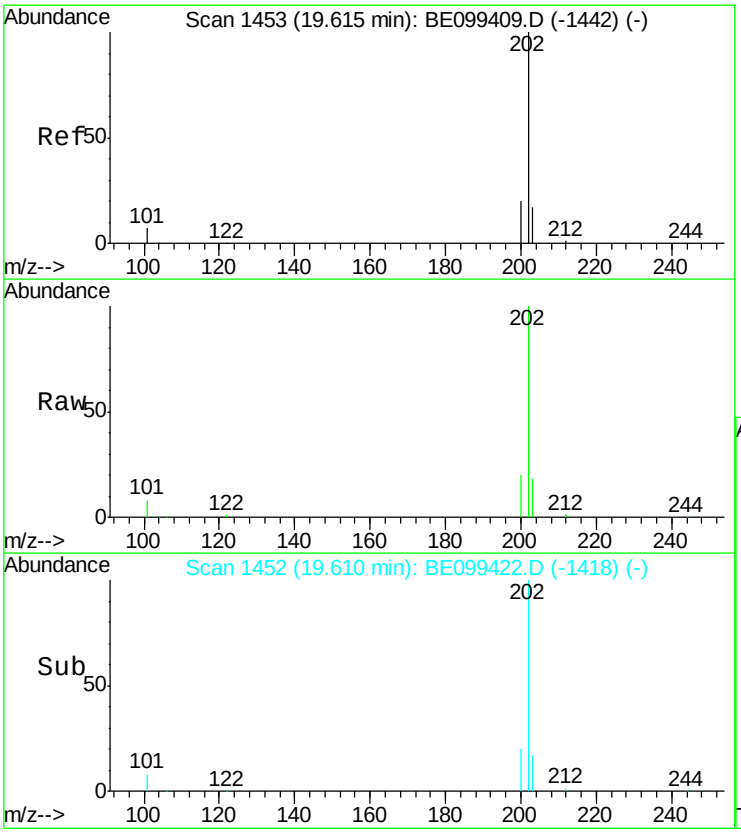
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:240 Resp: 19065

Ion	Ratio	Lower	Upper
240	100		
120	3.4	4.0	6.0#
236	26.9	22.0	33.0

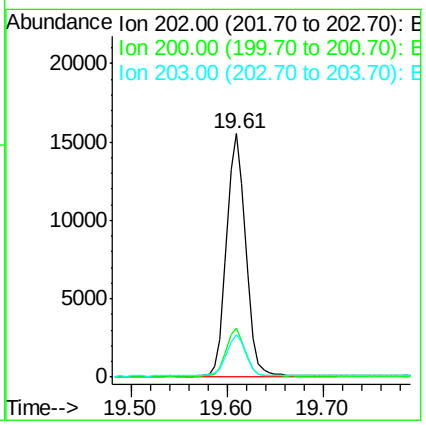


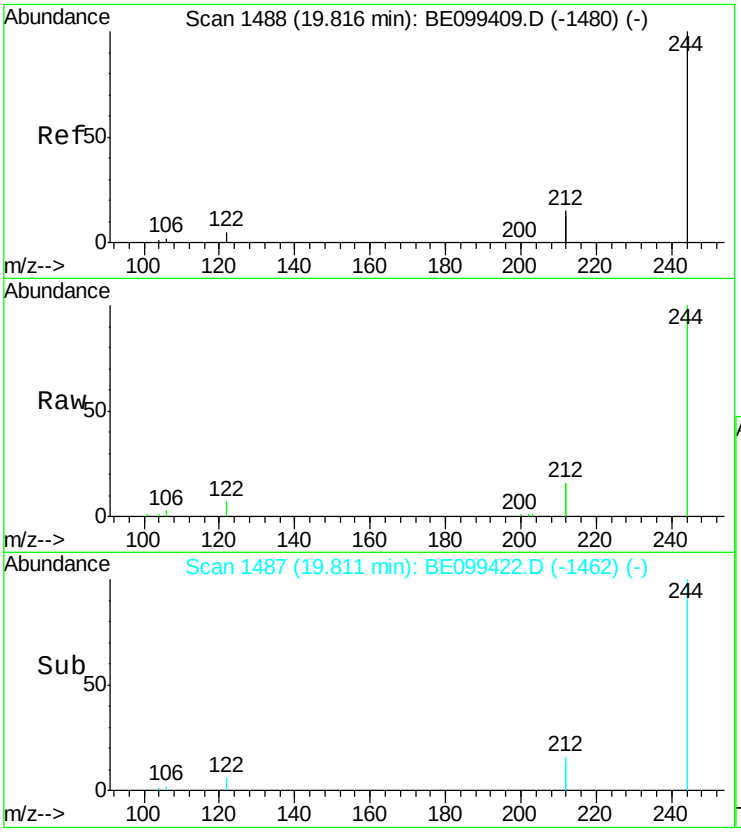


#28
Pyrene
Concen: 0.432 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:202 Resp: 21449

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.6	13.9	20.9



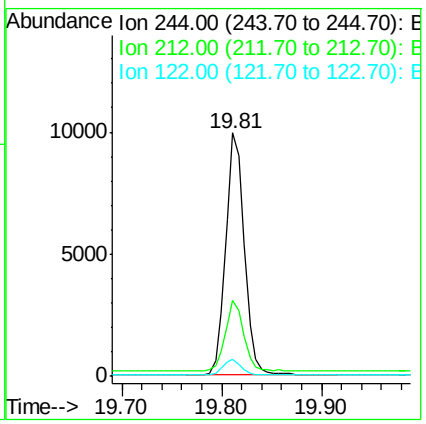


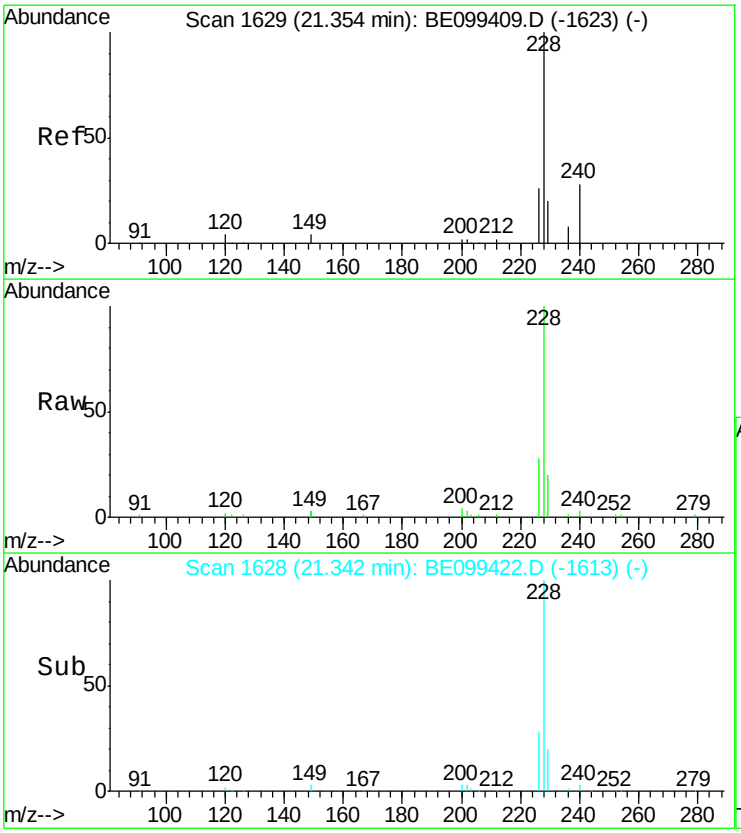
#29
Terphenyl-d14
Concen: 0.369 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:244 Resp: 12881

Ion	Ratio	Lower	Upper
244	100		
212	31.0	23.2	34.8
122	7.0	4.2	6.4#

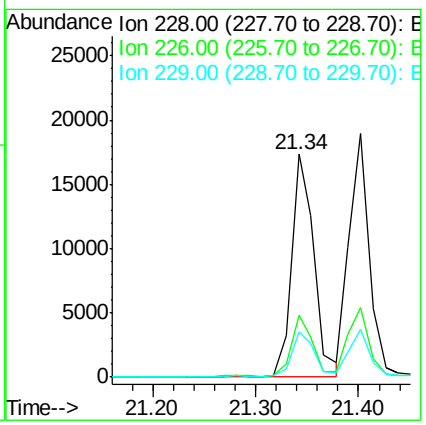


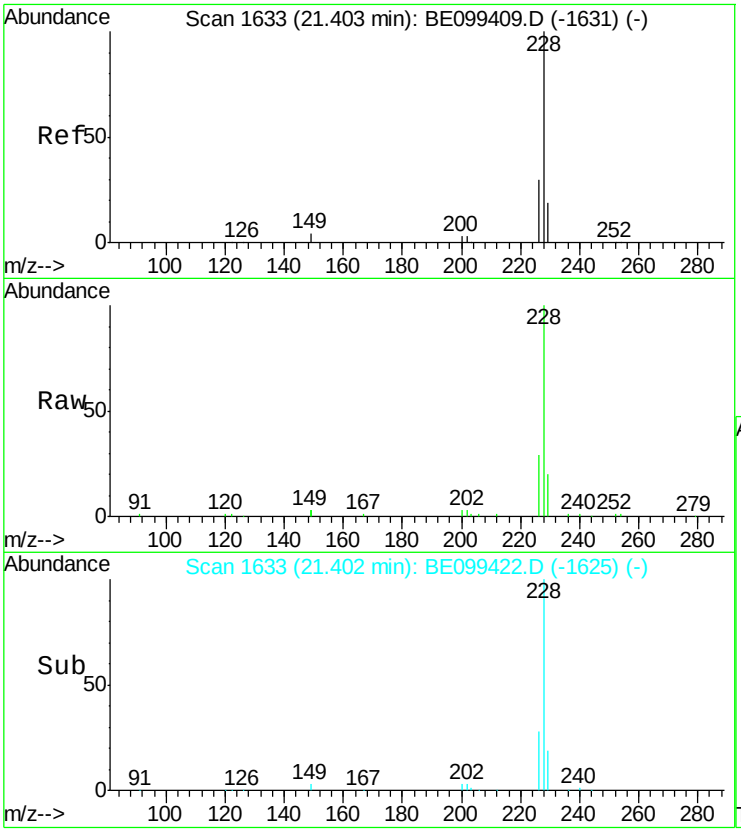


#30
Benzo(a)anthracene
Concen: 0.428 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:228 Resp: 26020

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.0	31.6
229	20.2	16.6	25.0



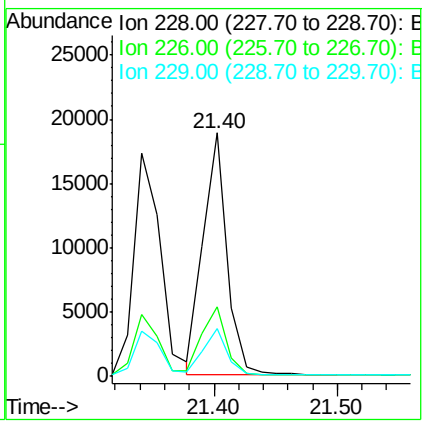


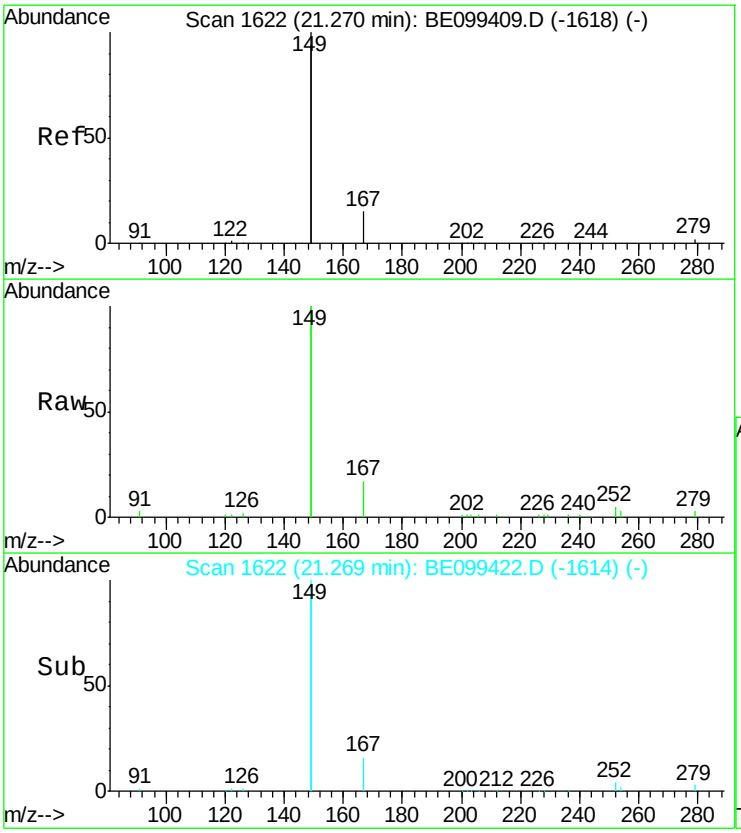
#31
Chrysene
Concen: 0.424 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:228 Resp: 25211

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	19.7	15.8	23.8

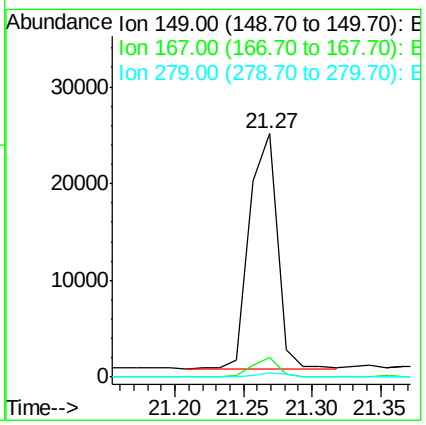


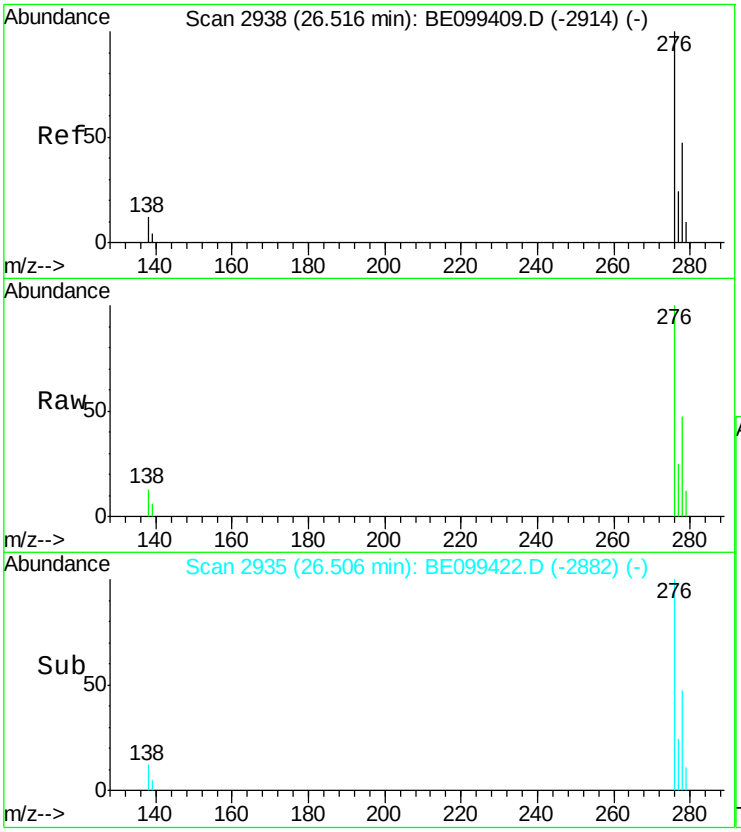


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.326 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:149 Resp: 34065

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.6
279	1.3	1.0	1.6



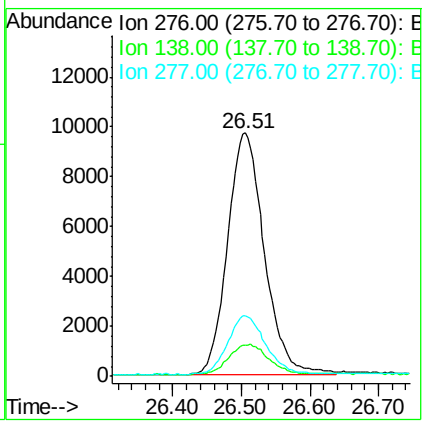


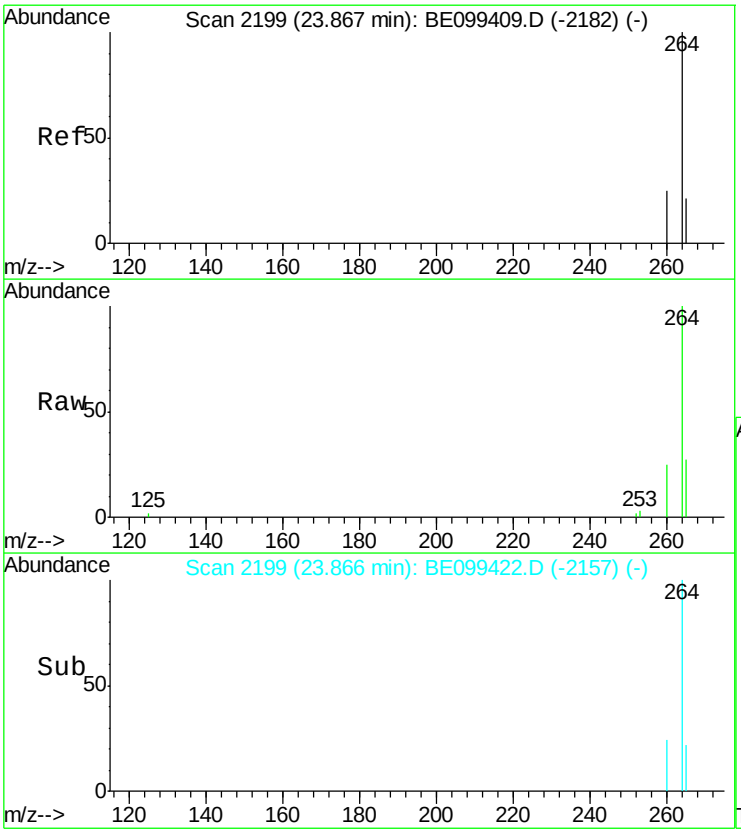
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:276 Resp: 36034

Ion	Ratio	Lower	Upper
276	100		
138	13.4	10.2	15.2
277	24.8	19.2	28.8

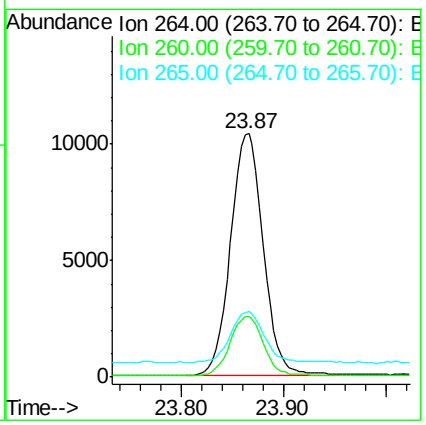


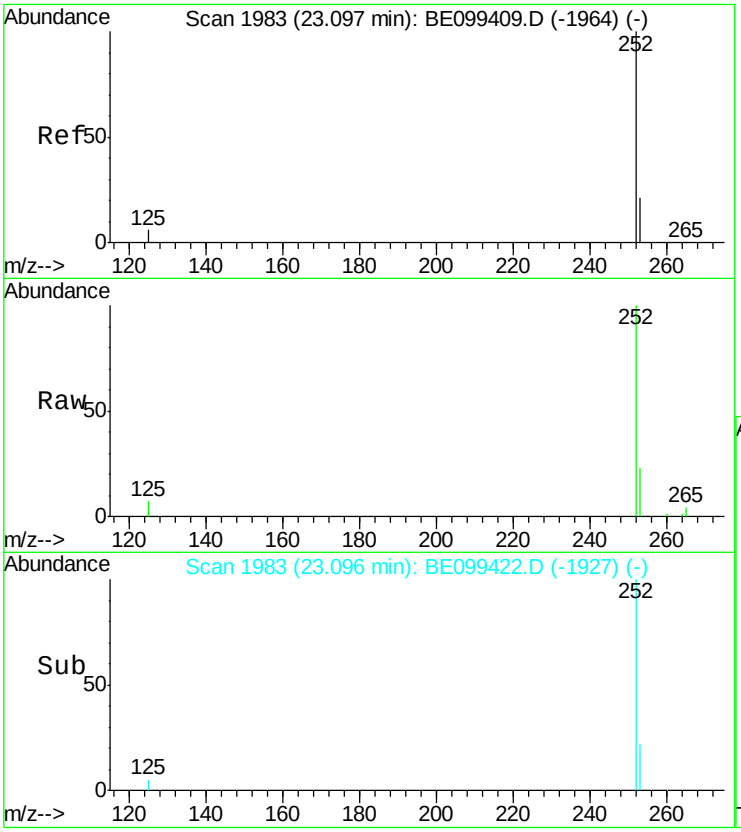


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:264 Resp: 23132

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	27.2	21.3	31.9



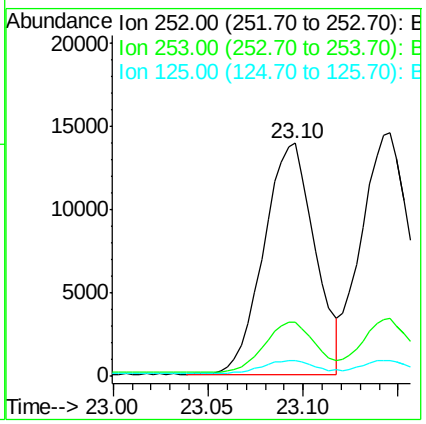


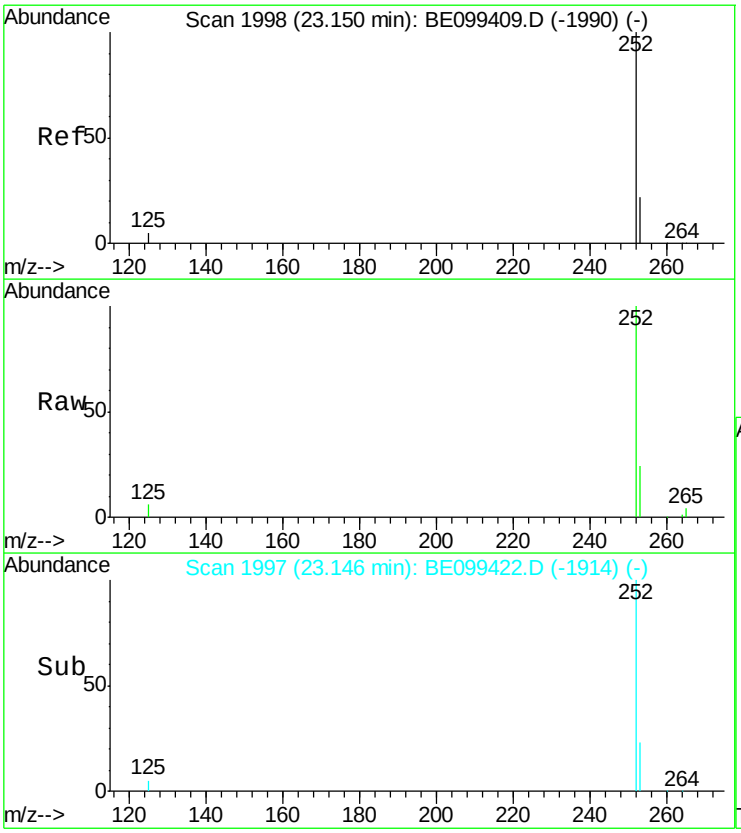
#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:252 Resp: 25804

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	6.6	5.6	8.4

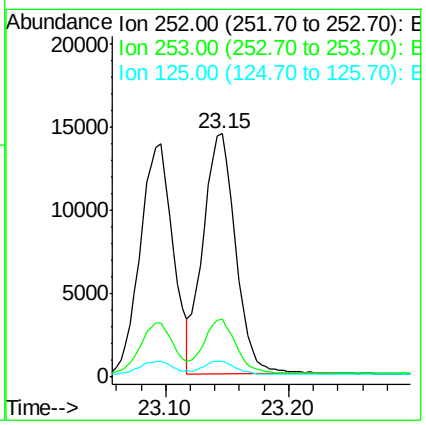


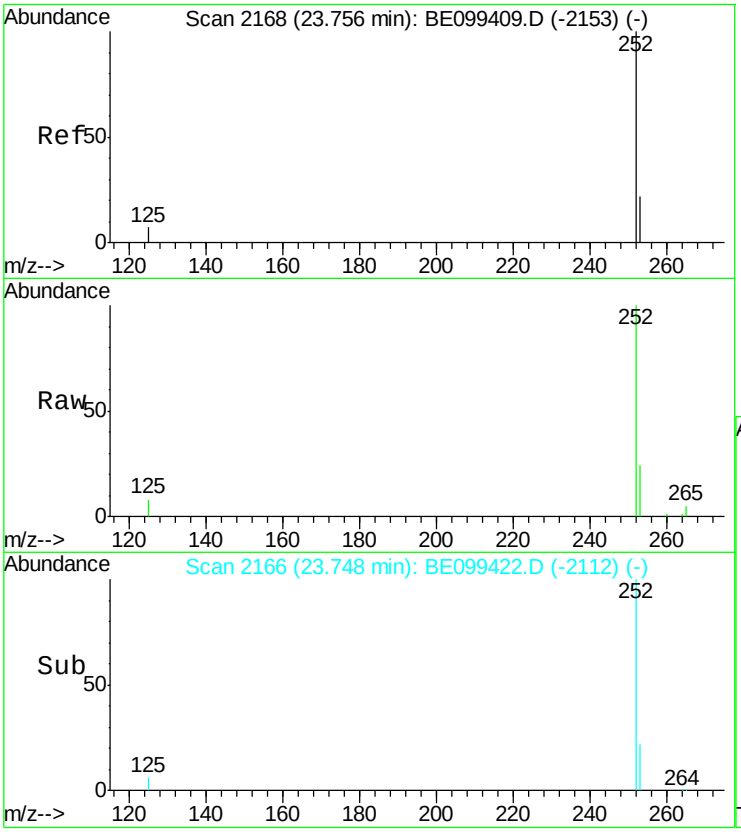


#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:252 Resp: 26590

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	6.3	5.0	7.4



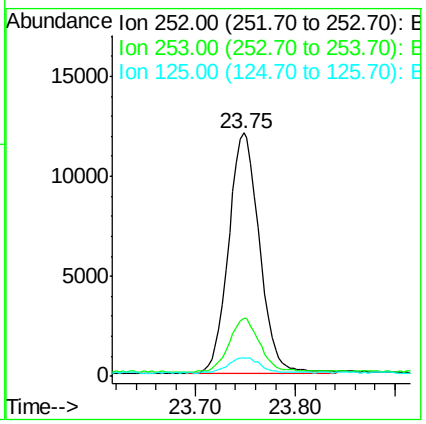


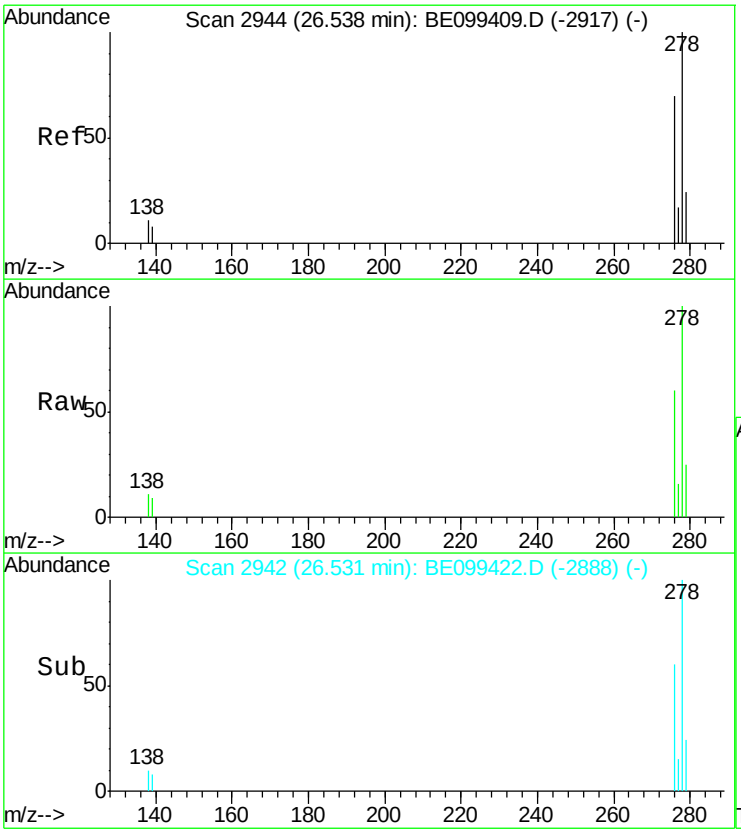
#37
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:252 Resp: 25868

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	7.6	6.7	10.1

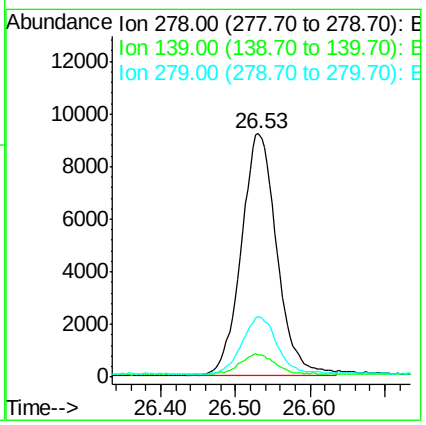


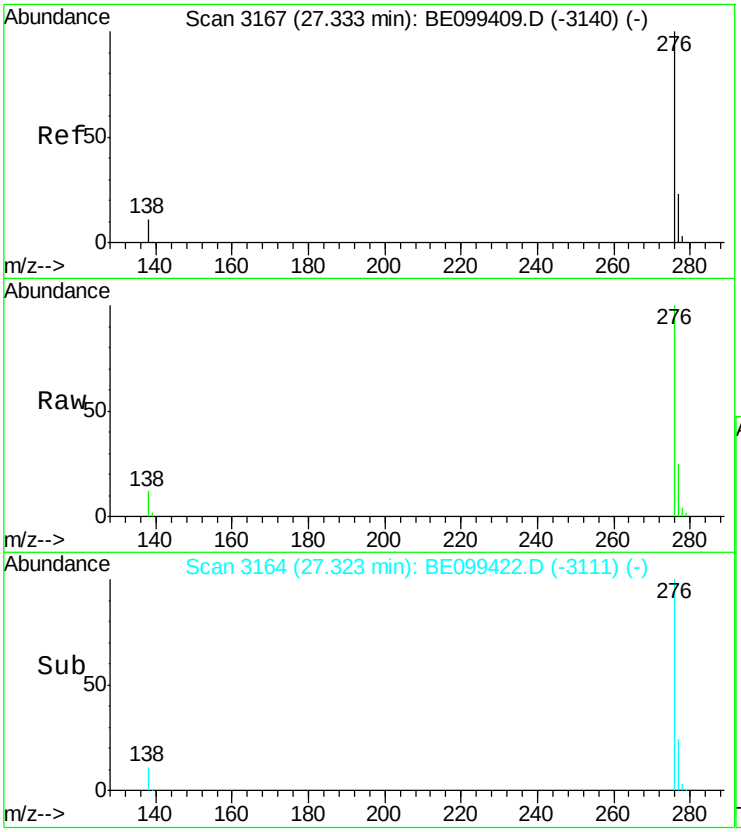


#38
Dibenzo(a,h)anthracene
Concen: 0.469 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Tgt Ion:278 Resp: 30283

Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.7	11.5
279	25.1	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.479 ng
RT: 27.32 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE099422.D
Acq: 30 Apr 2019 12:31

Instrument :
BNA_E
ClientSampleId :
PB119270BS

Tgt Ion:276 Resp: 30981

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	12.2	9.6	14.4