Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
Data File : BE099668.D
Acq On : 20 May 2019 19:54
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 21 06:41:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1786	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	6432	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	4614	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	14583	0.40	ng		0.00
27) Chrysene-d12	21.41	240	19549	0.40	ng		0.00
34) Perylene-d12	23.96	264	22961	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1576	0.35	ng		0.00
5) Phenol-d6	6.98	99	2006	0.34	ng		0.00
8) Nitrobenzene-d5	8.98	82	1864	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	3932	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	808	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	6300	0.36	ng		0.00
25) Fluoranthene-d10	19.27	212	65493	0.33	ng		0.00
29) Terphenyl-d14	19.86	244	13311	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	950	0.359	ng		94
3) n-Nitrosodimethylamine	3.64	42	358	0.245	ng	#	90
6) bis(2-Chloroethyl)ether	7.23	93	1848	0.348	ng		95
9) Naphthalene	10.67	128	24534	0.357	ng		100
10) Hexachlorobutadiene	10.94	225	1836	0.362	ng		97
12) 2-Methylnaphthalene	12.30	142	3939	0.351	ng		100
16) Acenaphthylene	14.21	152	7508	0.349	ng		98
17) Acenaphthene	14.54	154	4361	0.361	ng		99
18) Fluorene	15.53	166	6409	0.361	ng		98
20) 4-Bromophenyl-phenylether	16.43	248	2863	0.340	ng		98
21) Hexachlorobenzene	16.53	284	3059	0.356	ng		99
22) Pentachlorophenol	16.95	266	304	0.297	ng		98
23) Phenanthrene	17.27	178	12281	0.345	ng		99
24) Anthracene	17.36	178	10363	0.321	ng		99
26) Fluoranthene	19.29	202	18720	0.332	ng		100
28) Pyrene	19.66	202	19251	0.392	ng		100
30) Benzo(a)anthracene	21.40	228	20589	0.371	ng		99
31) Chrysene	21.45	228	23301	0.392	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	20739	0.324	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	27290	0.381	ng		100
35) Benzo(b)fluoranthene	23.17	252	22278	0.354	ng		100
36) Benzo(k)fluoranthene	23.22	252	23866	0.364	ng		99
37) Benzo(a)pyrene	23.84	252	21721	0.359	ng		98
38) Dibenzo(a,h)anthracene	26.68	278	22160	0.349	ng		99
39) Benzo(g,h,i)perylene	27.48	276	22671	0.353	ng		99

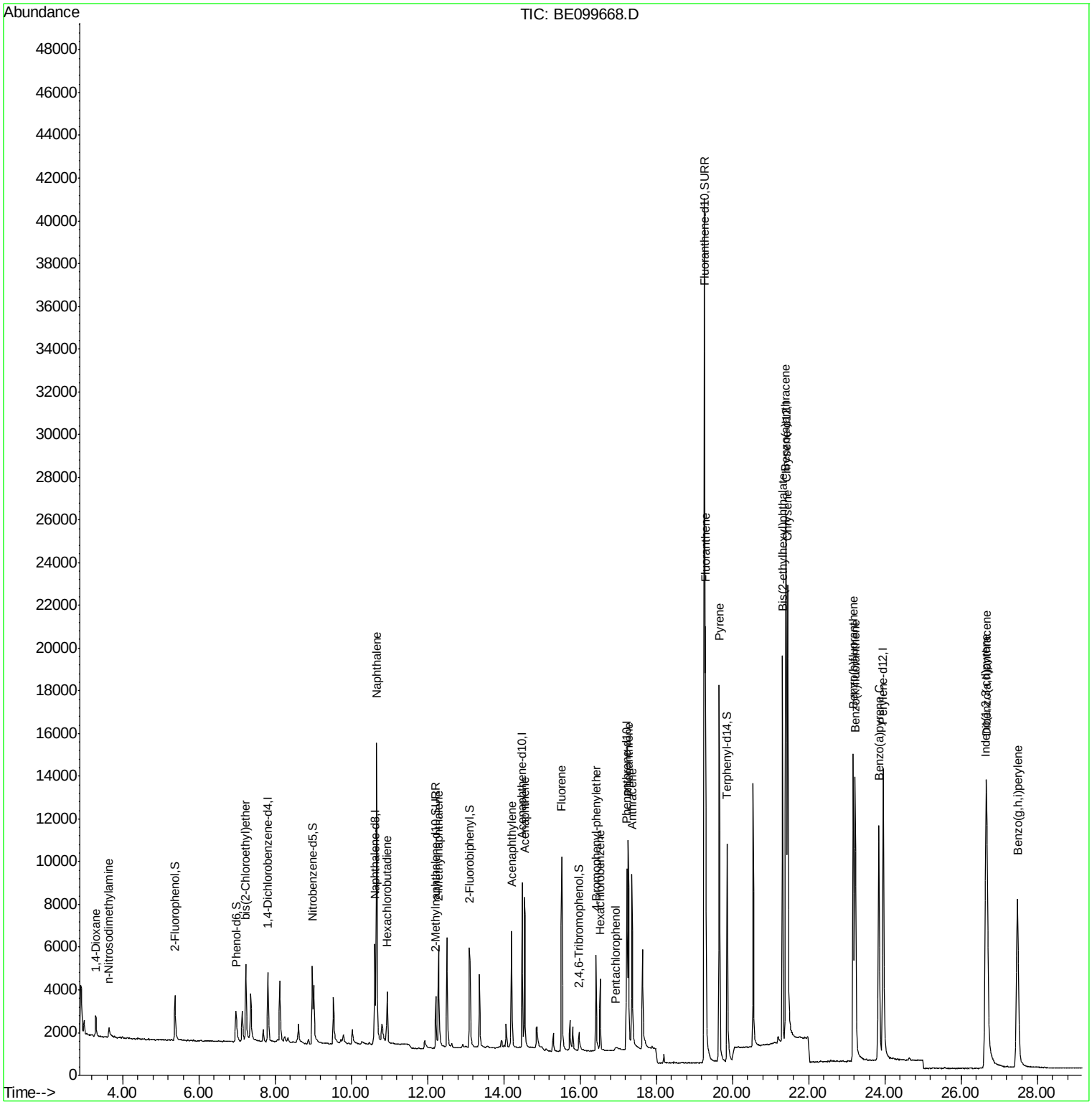
(#) = qualifier out of range (m) = manual integration (+) = signals summed

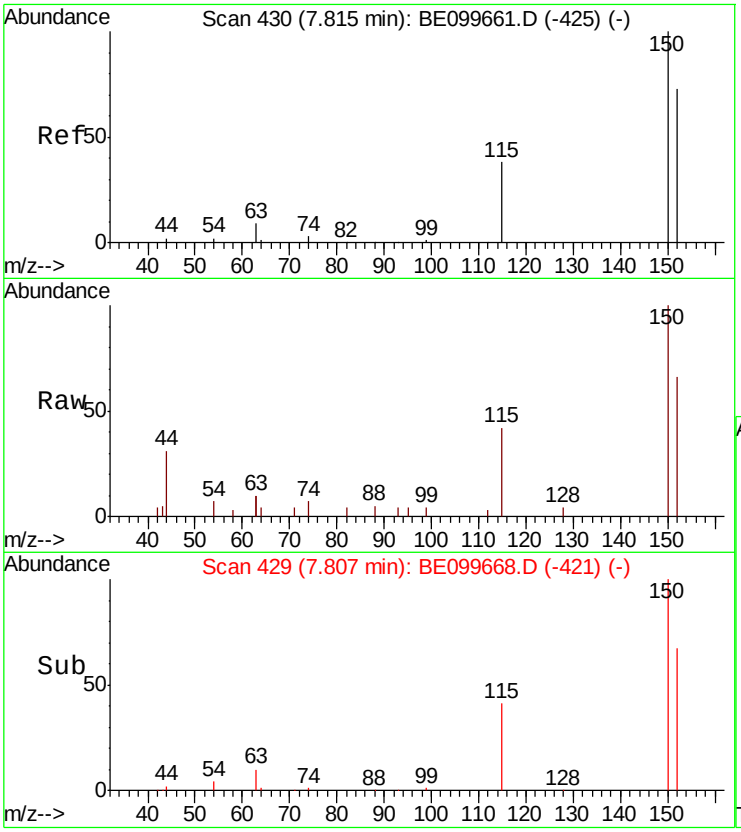
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
Data File : BE099668.D
Acq On : 20 May 2019 19:54
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 21 06:41:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



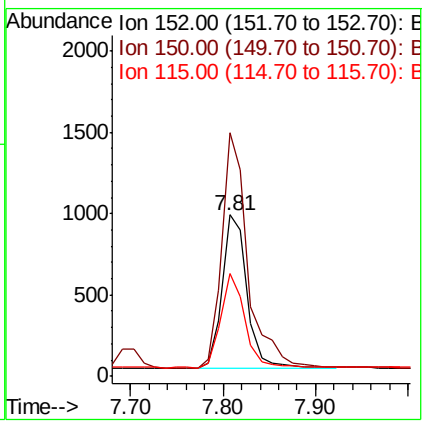


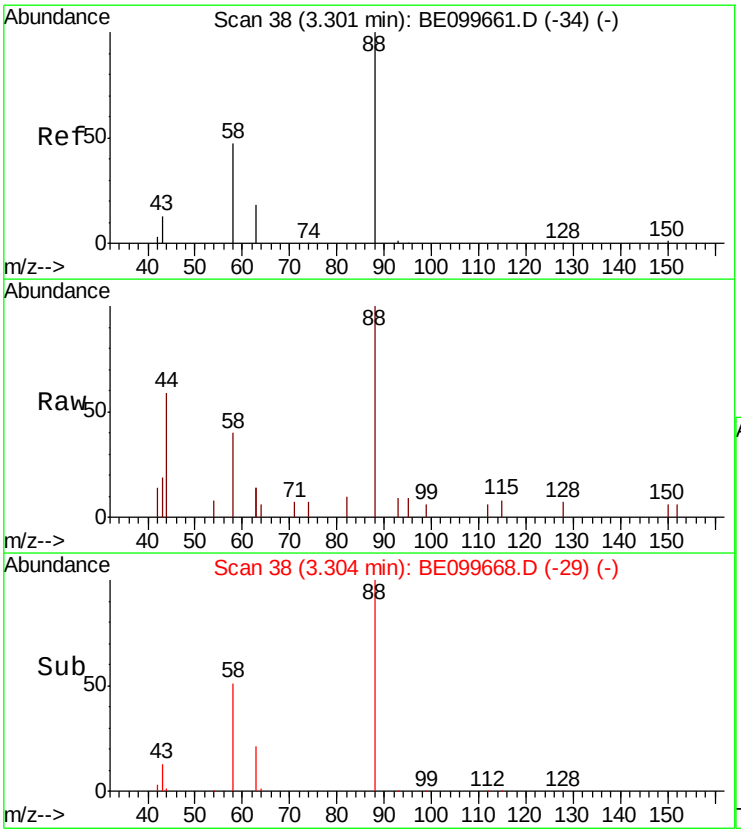
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1786

Ion	Ratio	Lower	Upper
152	100		
150	150.8	109.2	163.8
115	63.7	43.7	65.5

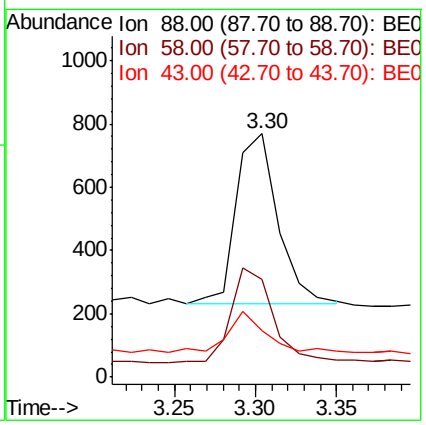


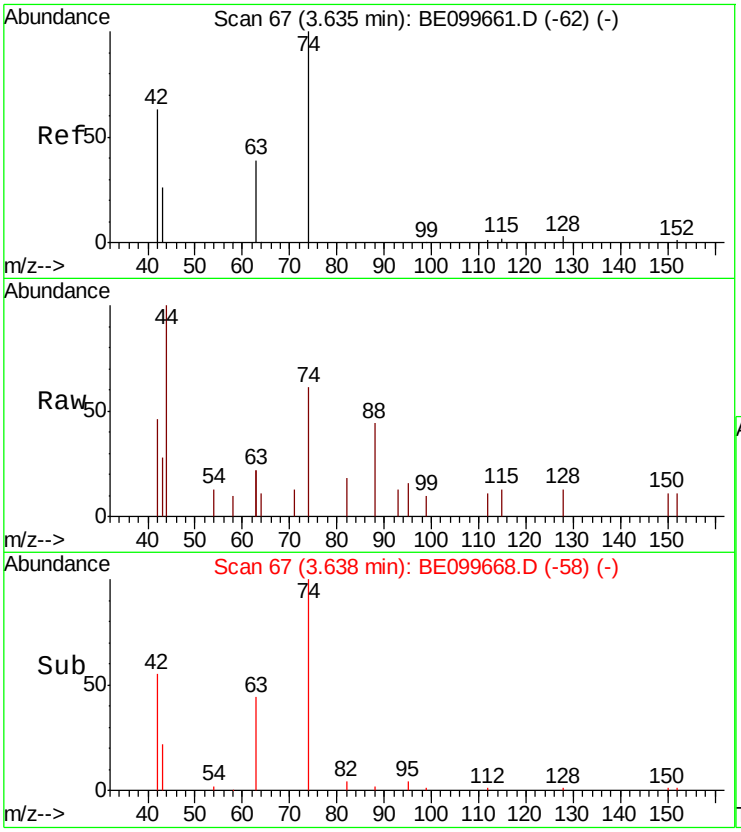


#2
1,4-Dioxane
Concen: 0.359 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion: 88 Resp: 950

Ion	Ratio	Lower	Upper
88	100		
58	56.6	41.8	62.8
43	20.6	15.0	22.4



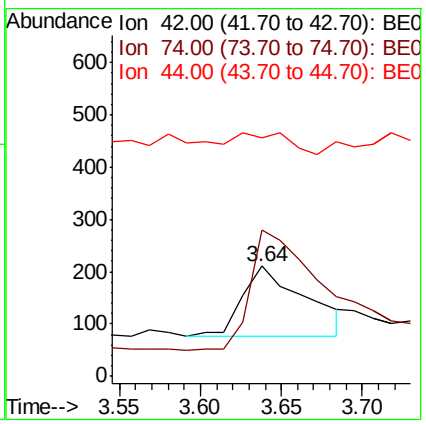


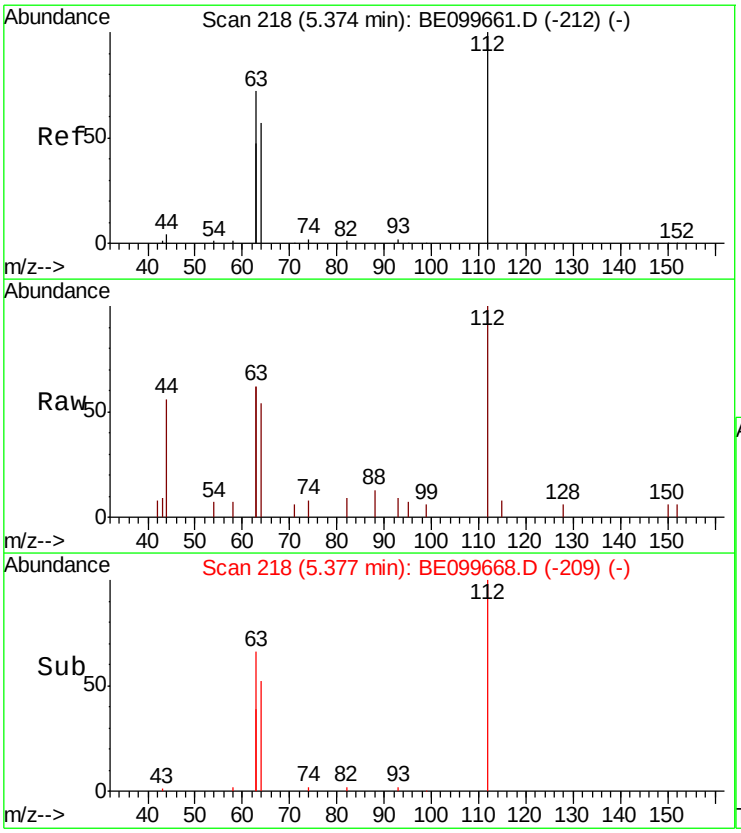
#3
n-Nitrosodimethylamine
Concen: 0.245 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 358

Ion	Ratio	Lower	Upper
42	100		
74	175.4	129.2	193.8
44	24.6	0.0	0.0#

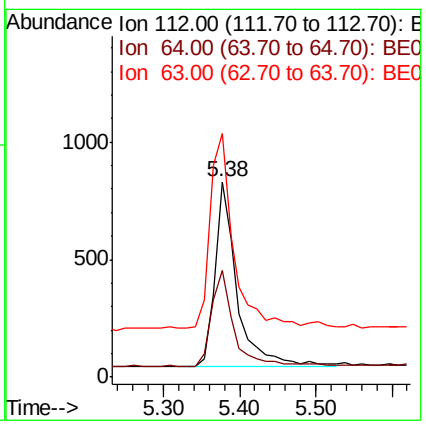


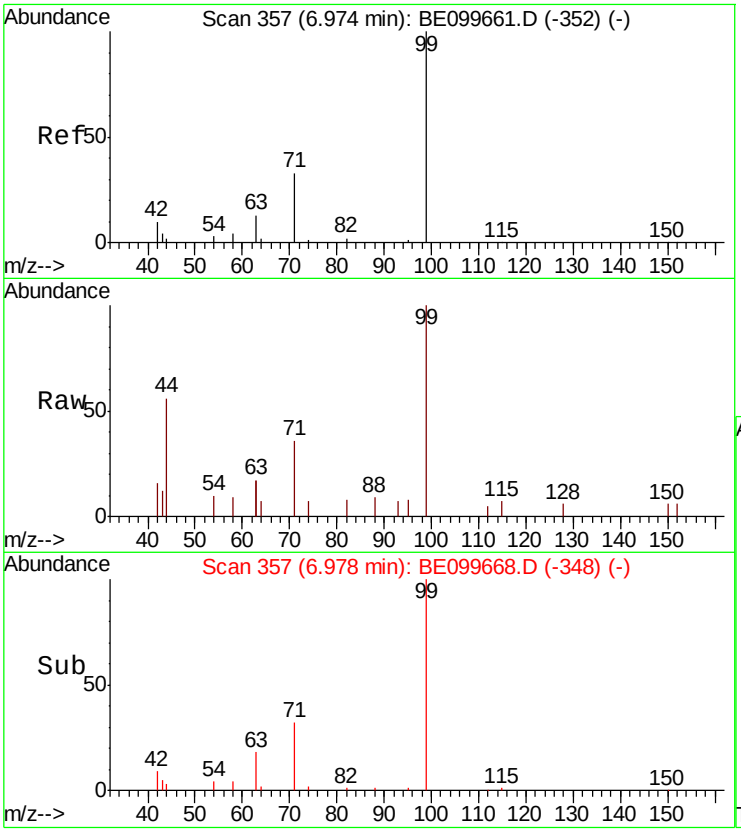


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:112 Resp: 1576

Ion	Ratio	Lower	Upper
112	100		
64	53.2	43.4	65.2
63	111.1	96.9	145.3



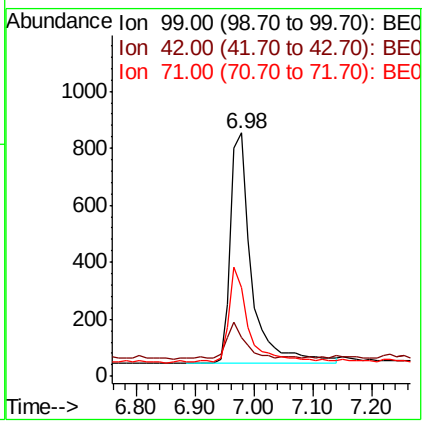


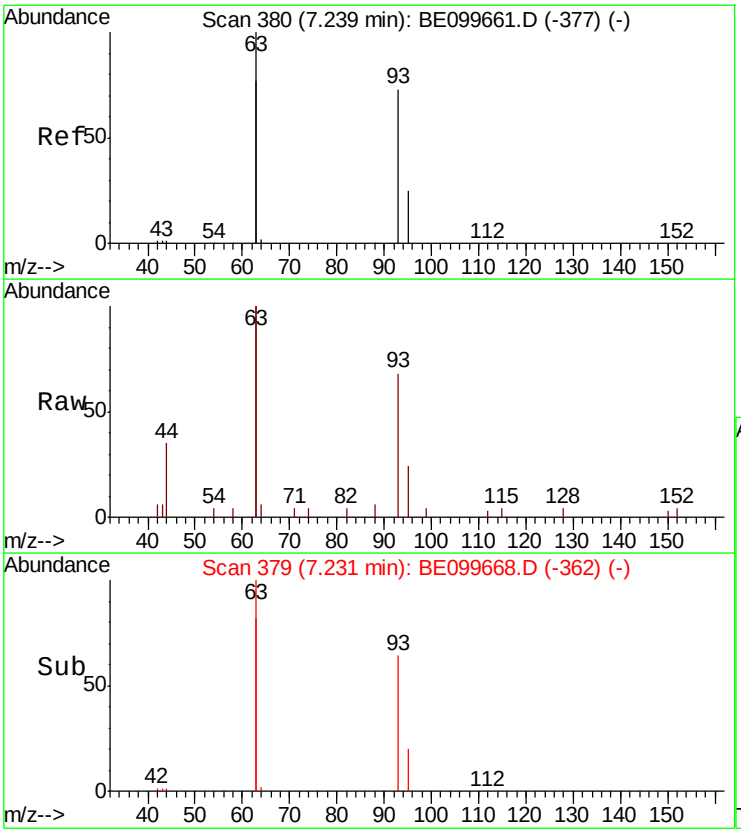
#5
Phenol-d6
Concen: 0.336 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2006

Ion	Ratio	Lower	Upper
99	100		
42	13.4	12.2	18.2
71	38.7	28.9	43.3

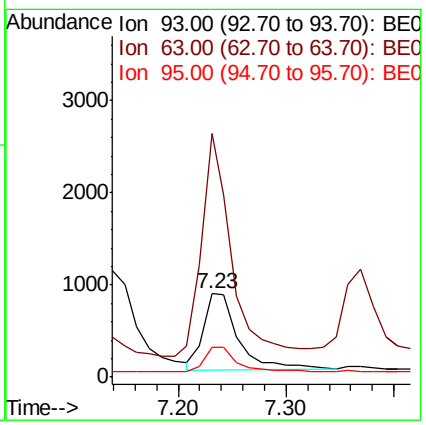


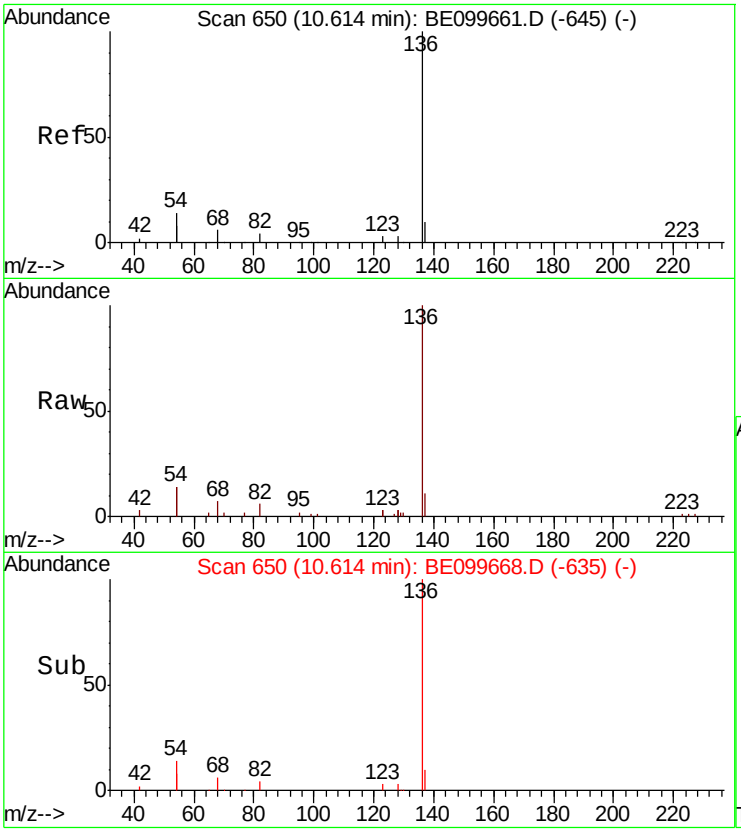


#6
bis(2-Chloroethyl)ether
Concen: 0.348 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion: 93 Resp: 1848

Ion	Ratio	Lower	Upper
93	100		
63	250.3	207.8	311.6
95	32.4	25.9	38.9



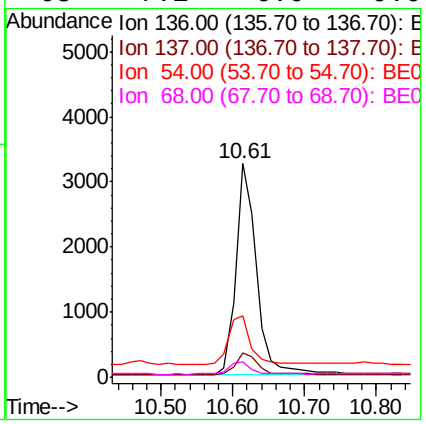


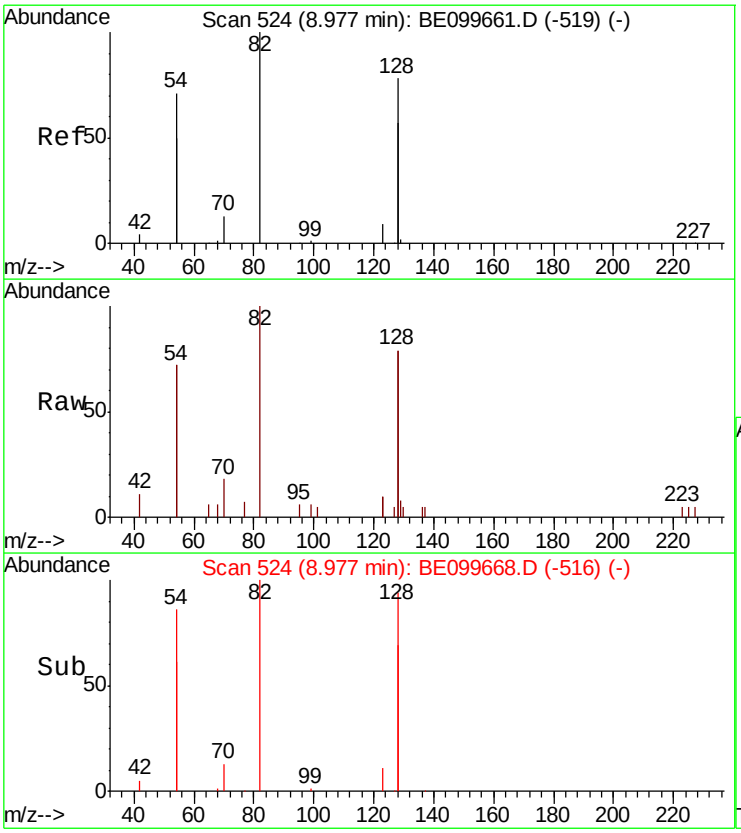
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6432

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	28.6	22.3	33.5
68	7.1	6.0	9.0

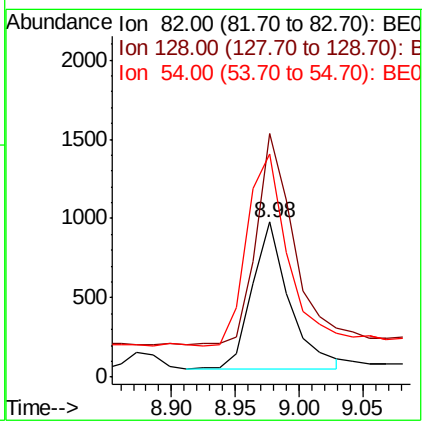


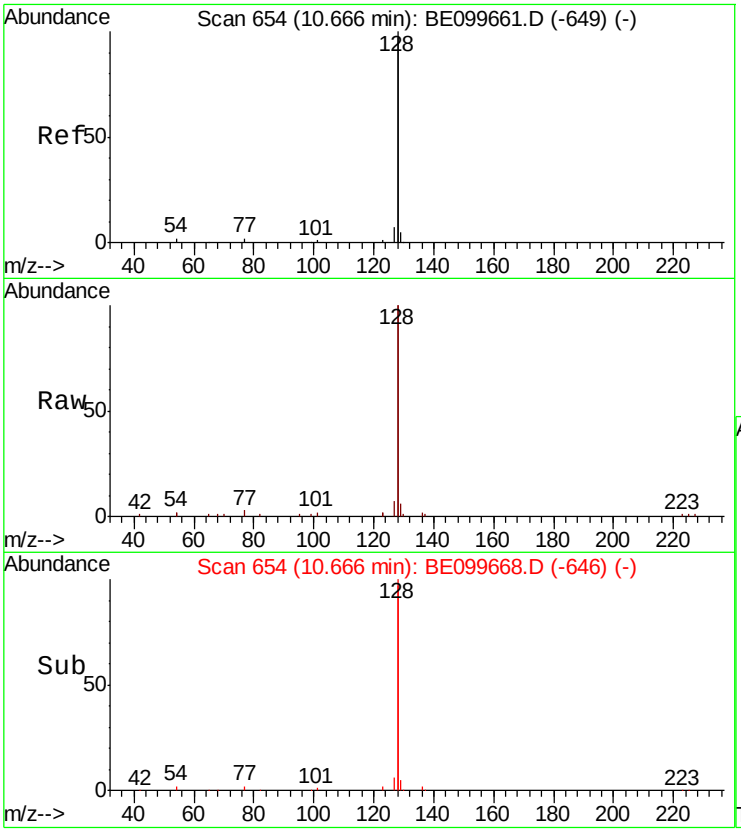


#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion: 82 Resp: 1864

Ion	Ratio	Lower	Upper
82	100		
128	157.2	117.7	176.5
54	143.7	106.6	160.0



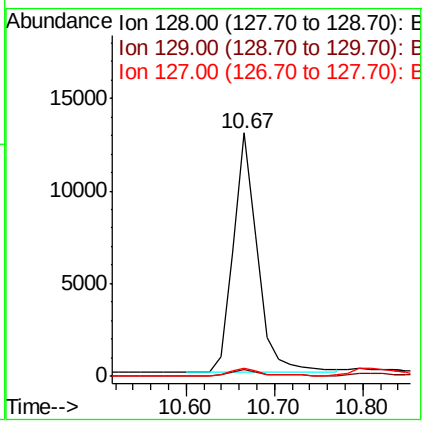


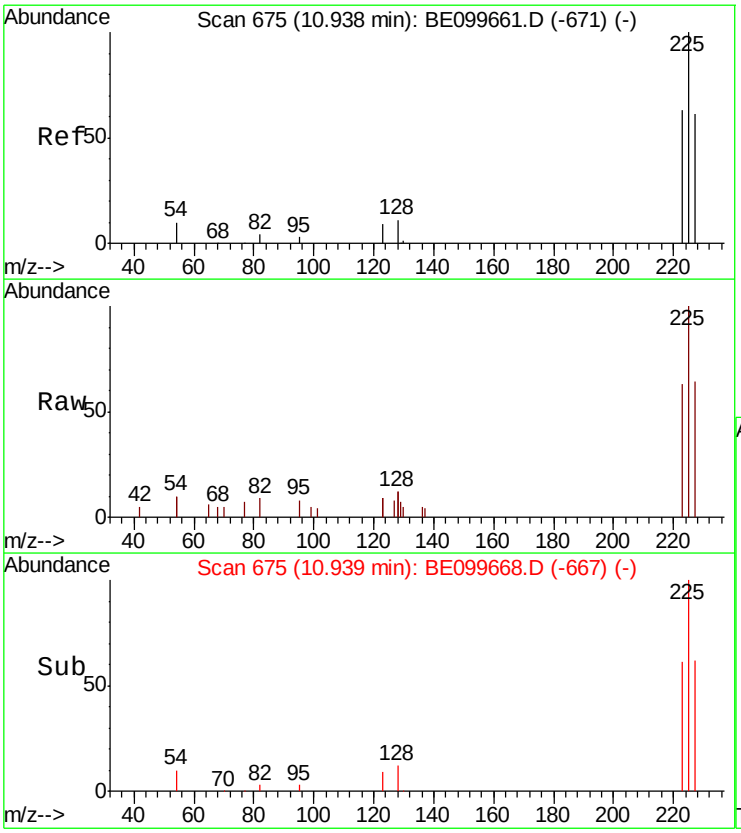
#9
Naphthalene
Concen: 0.357 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 24534

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.4	2.9	4.3

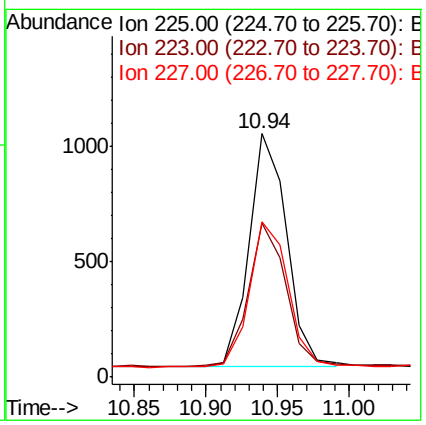


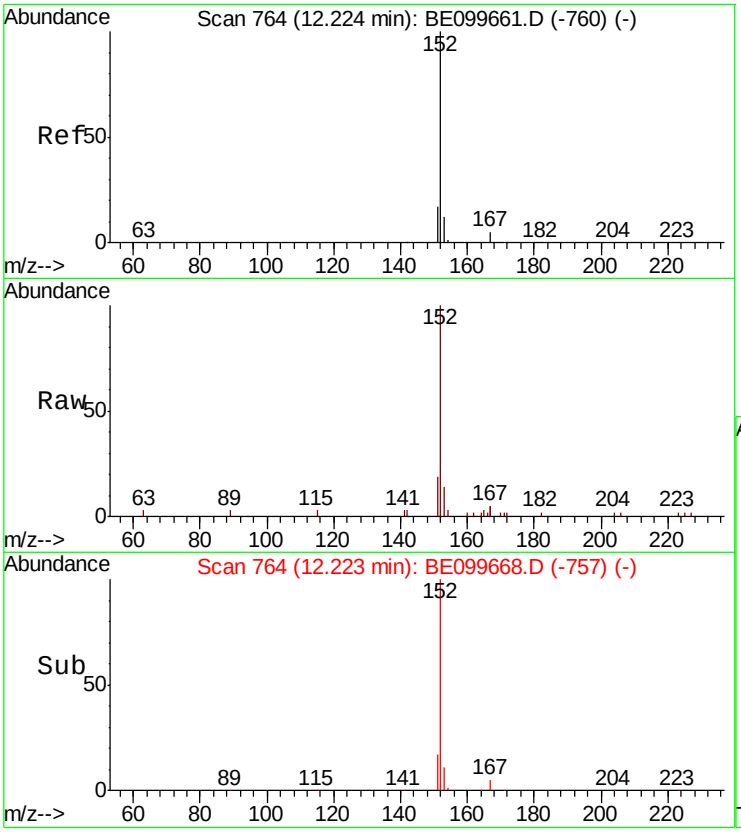


#10
Hexachlorobutadiene
Concen: 0.362 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:225 Resp: 1836

Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.8	77.6
227	64.3	52.6	79.0



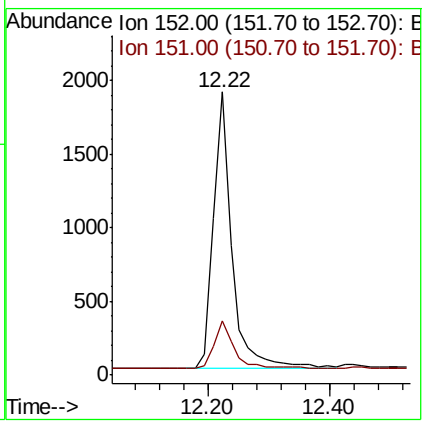


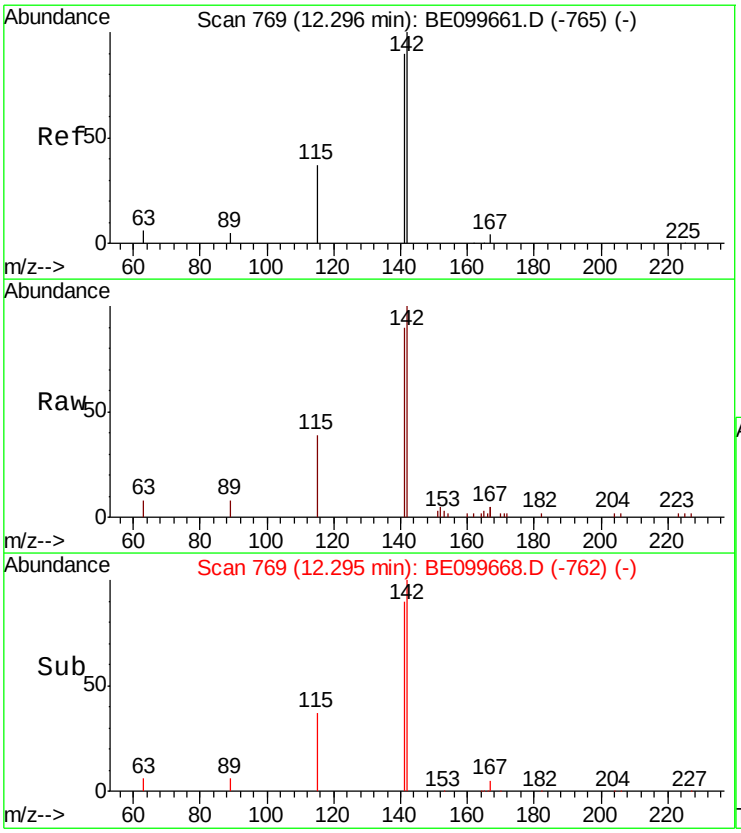
#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3932

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.4

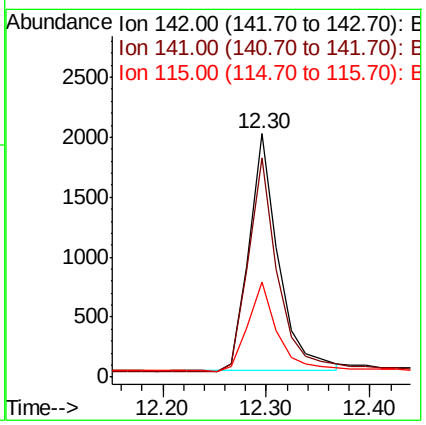


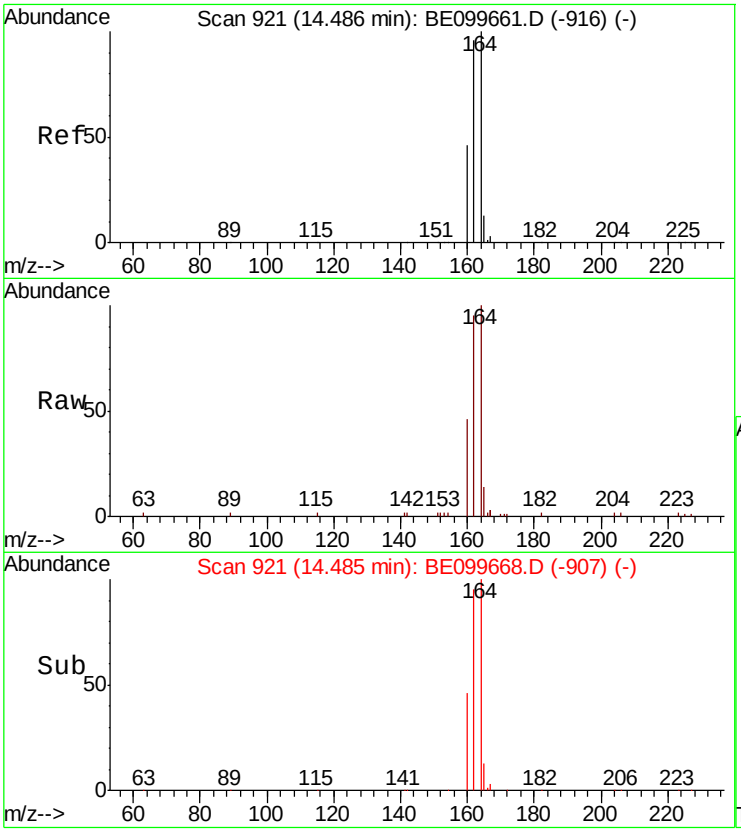


#12
2-Methylnaphthalene
Concen: 0.351 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:142 Resp: 3939

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.0	108.0
115	39.3	31.0	46.4



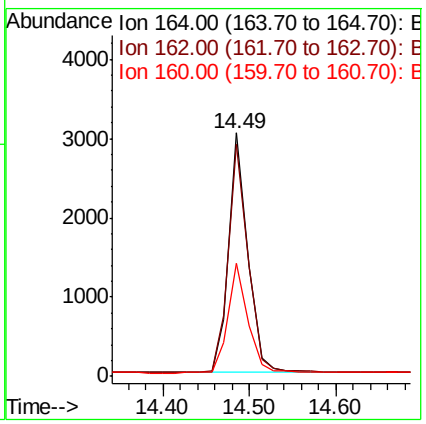


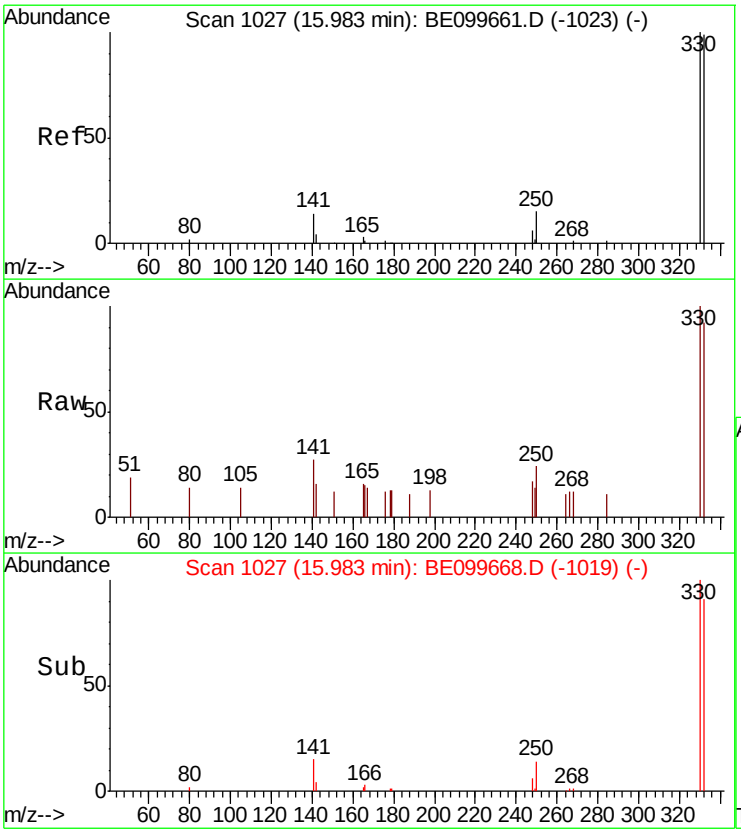
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4614

Ion	Ratio	Lower	Upper
164	100		
162	95.1	76.5	114.7
160	46.5	37.4	56.2

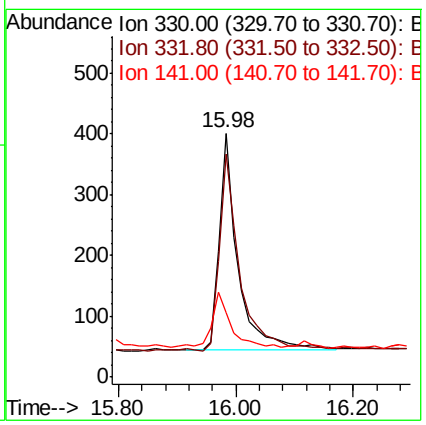


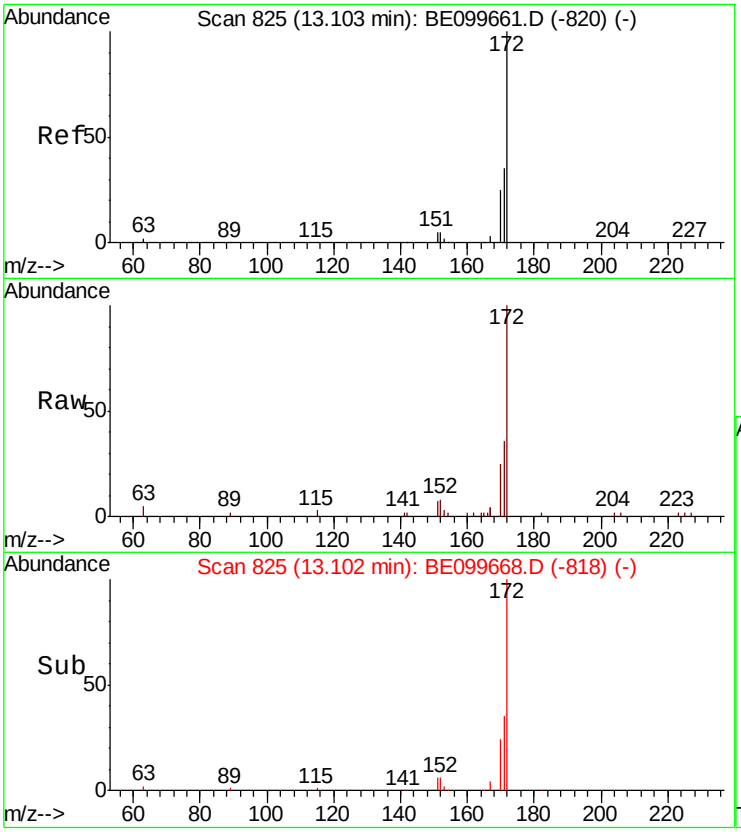


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:330 Resp: 808

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	24.0	18.9	28.3



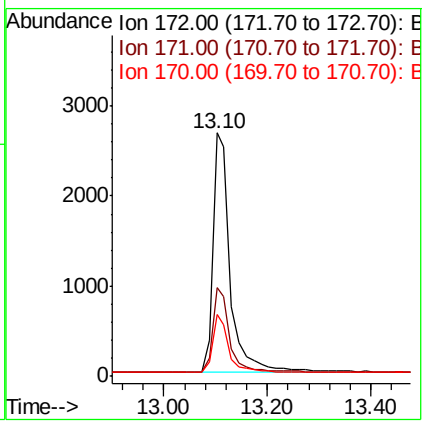


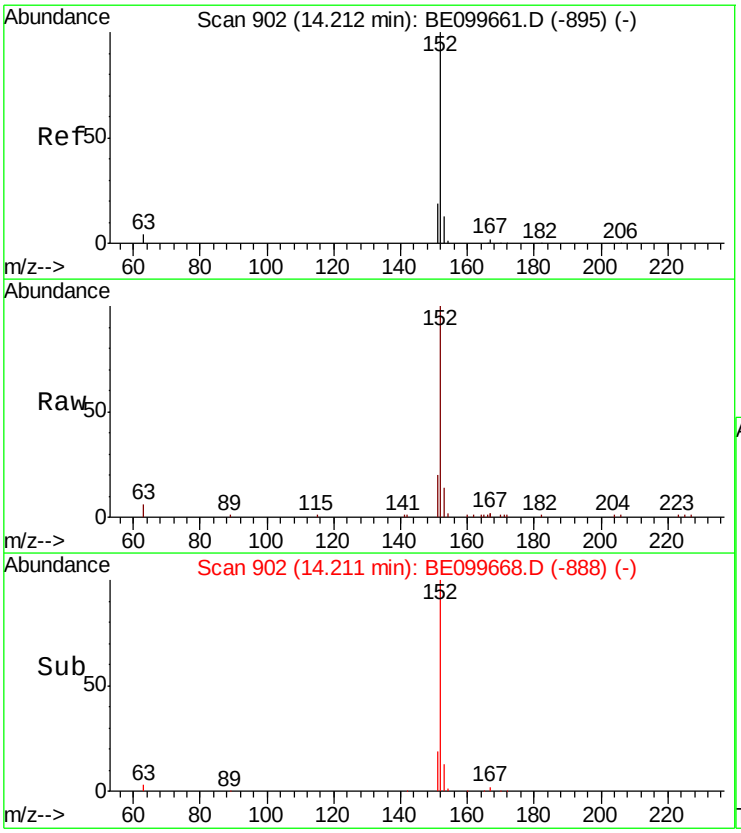
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6300

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	25.2	20.9	31.3

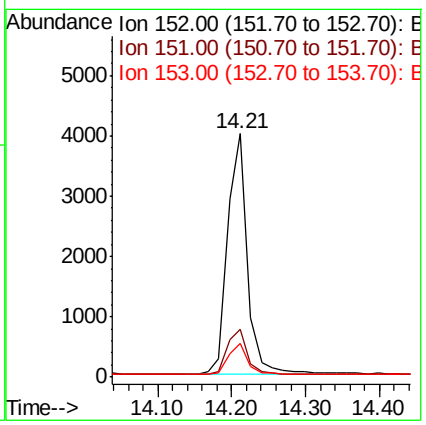


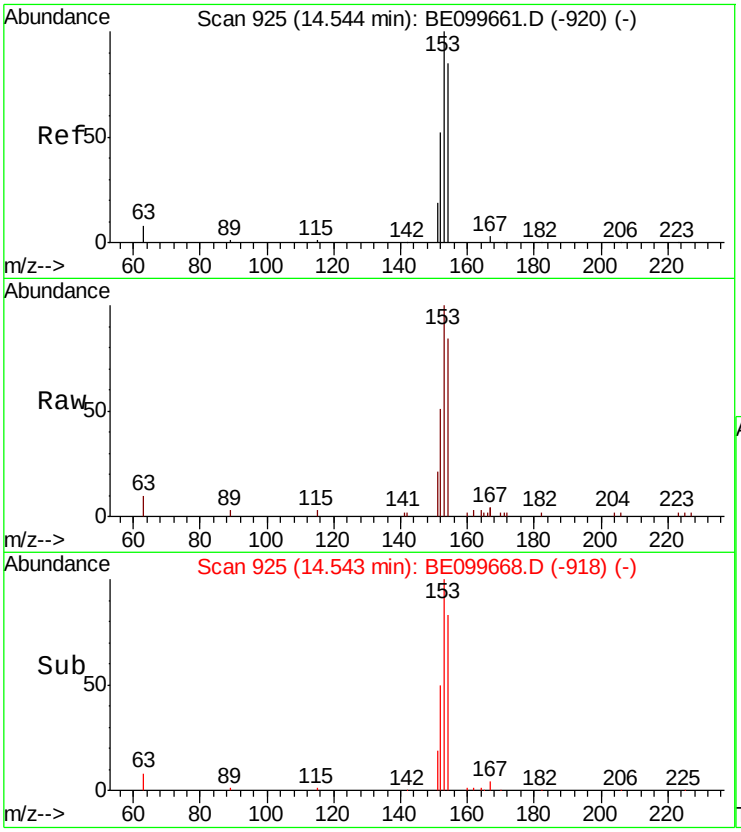


#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:152 Resp: 7508

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.9	23.9
153	12.8	10.6	16.0



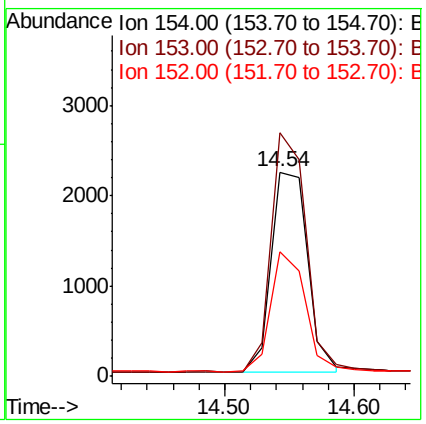


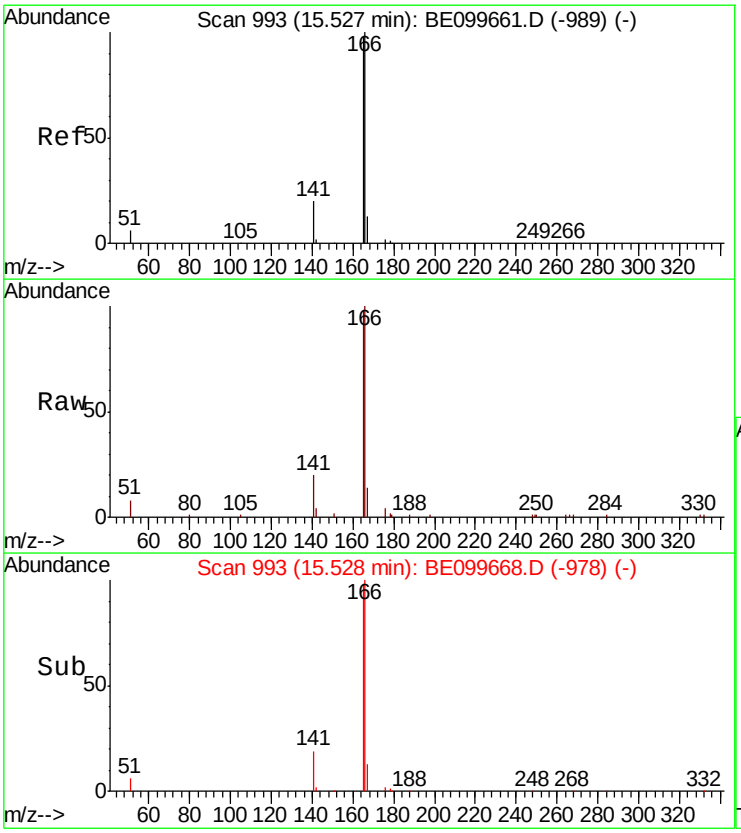
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4361

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.8	137.6
152	56.5	46.0	69.0

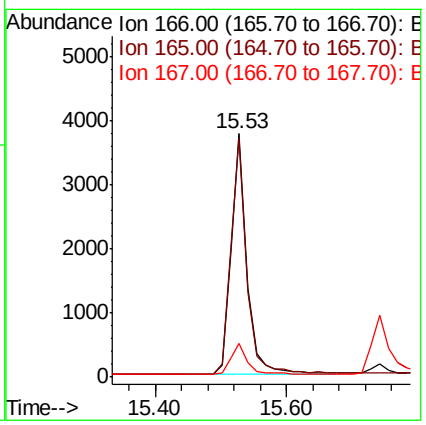


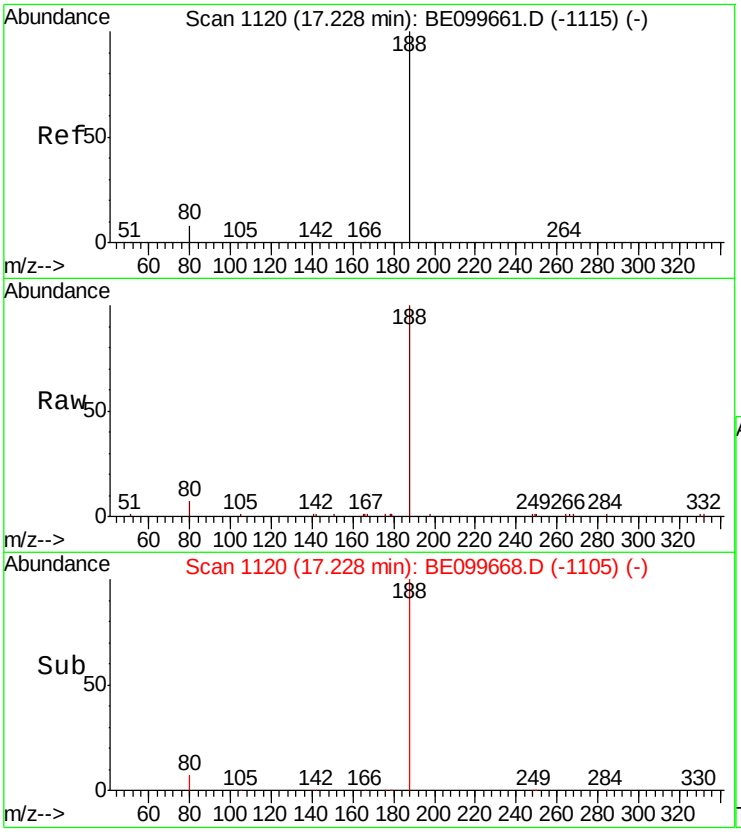


#18
Fluorene
Concen: 0.361 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:166 Resp: 6409

Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.3	120.5
167	13.2	10.6	16.0



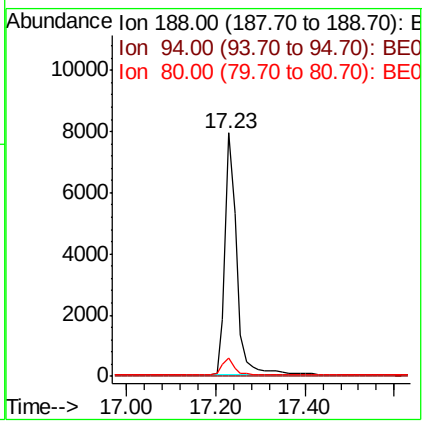


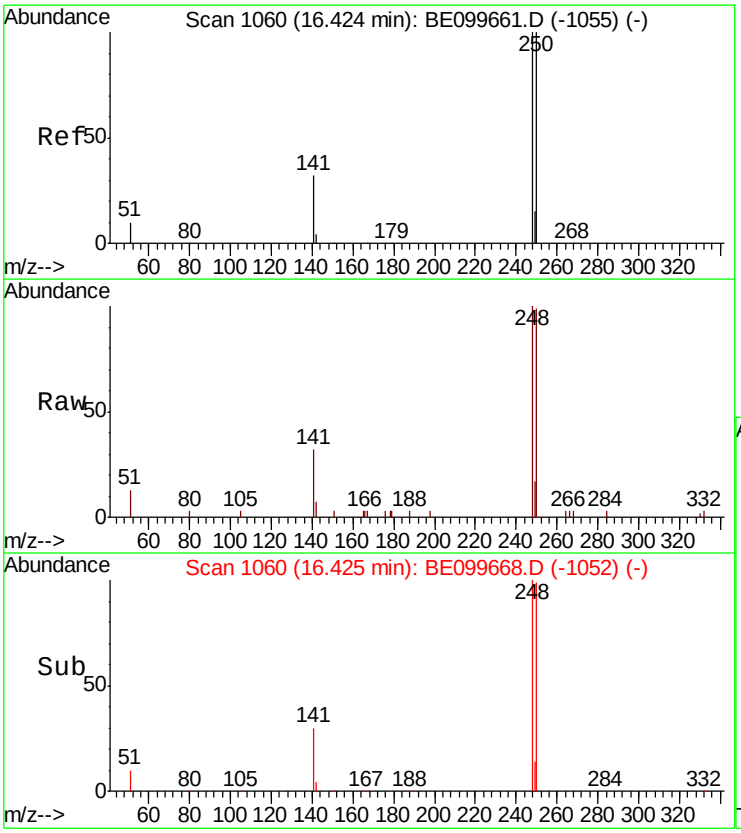
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14583

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.7	10.1

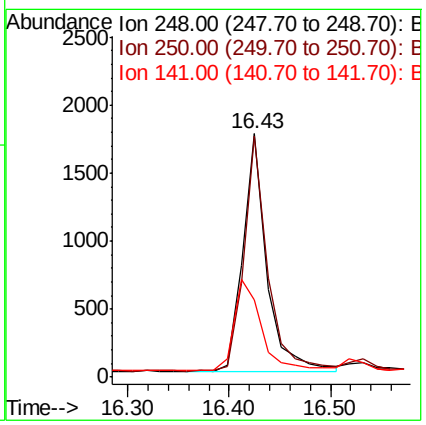


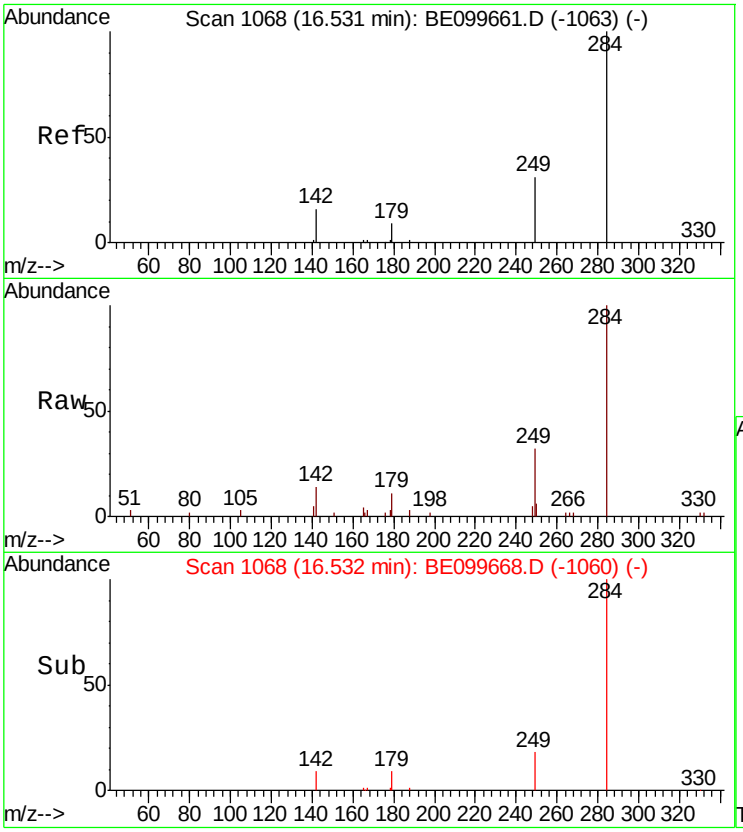


#20
4-Bromophenyl-phenylether
Concen: 0.340 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:248 Resp: 2863

Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.8	119.8
141	31.8	27.0	40.6



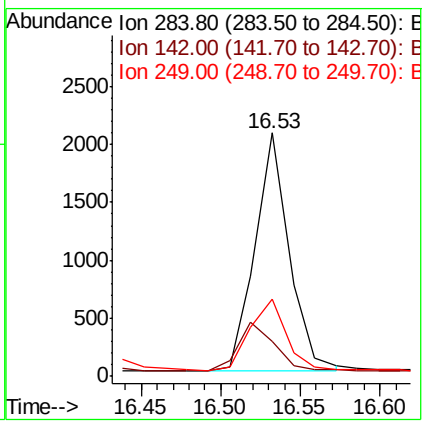


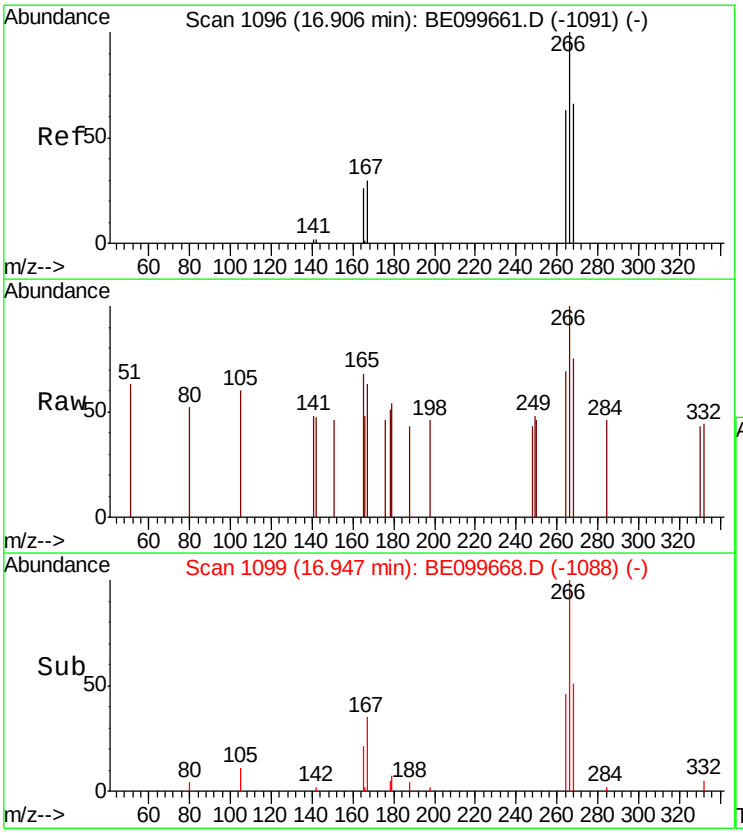
#21
Hexachlorobenzene
Concen: 0.356 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3059

Ion	Ratio	Lower	Upper
284	100		
142	20.9	17.8	26.6
249	31.3	24.8	37.2

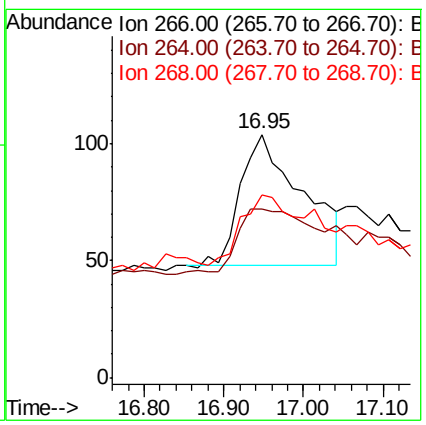


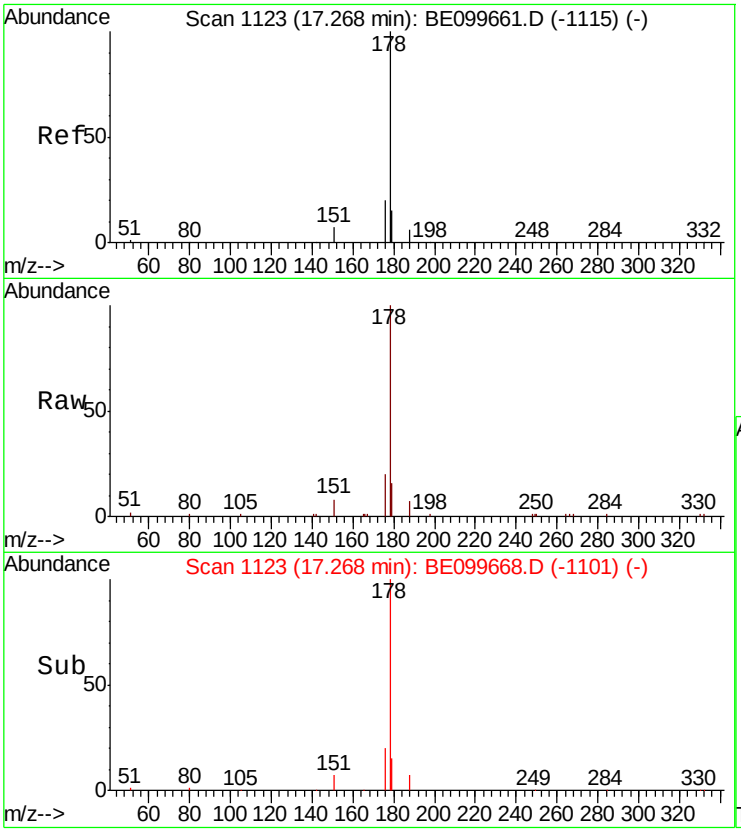


#22
Pentachlorophenol
Concen: 0.297 ng
RT: 16.95 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:266 Resp: 304

Ion	Ratio	Lower	Upper
266	100		
264	69.2	57.2	85.8
268	75.0	60.5	90.7



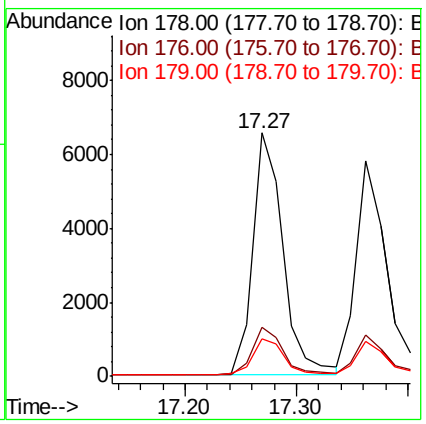


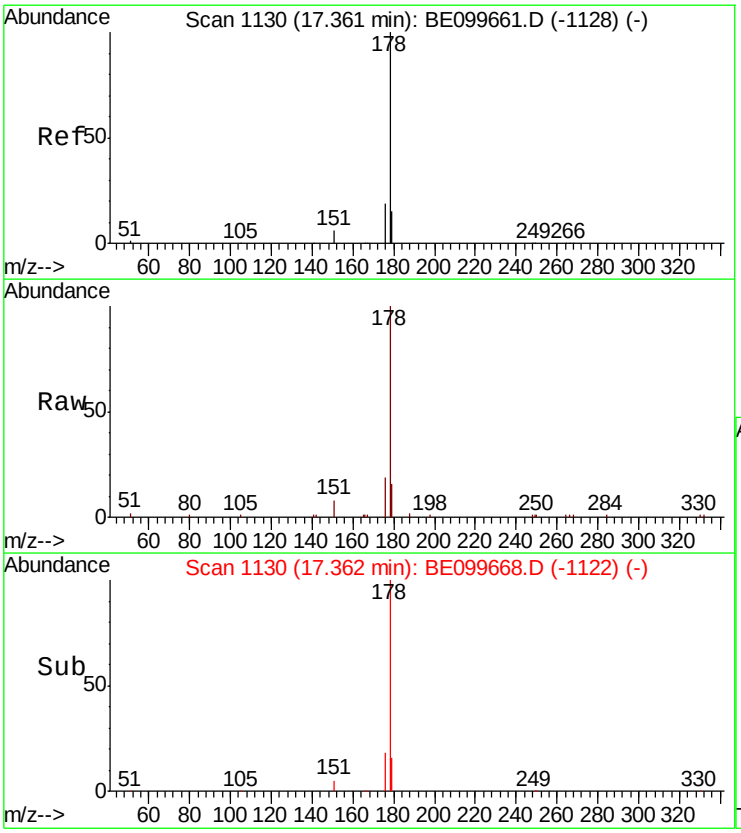
#23
Phenanthrene
Concen: 0.345 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 12281

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.6	12.2	18.4

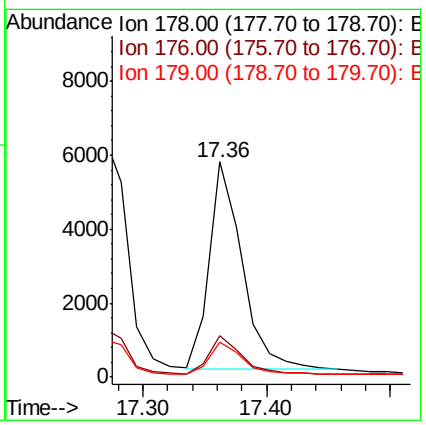


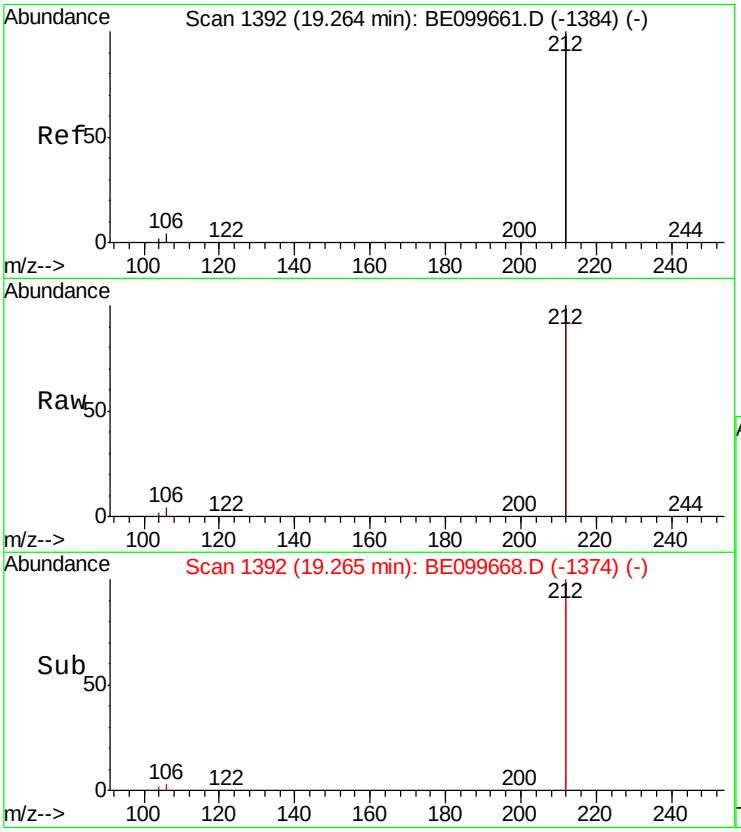


#24
Anthracene
Concen: 0.321 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:178 Resp: 10363

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.1	12.0	18.0



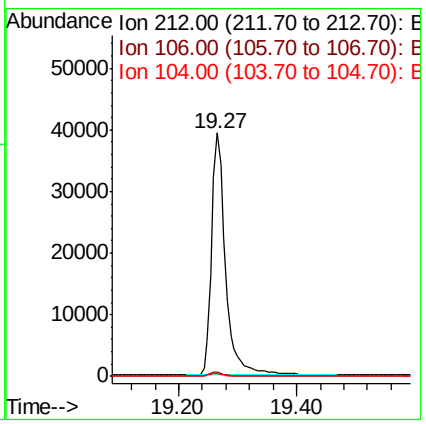


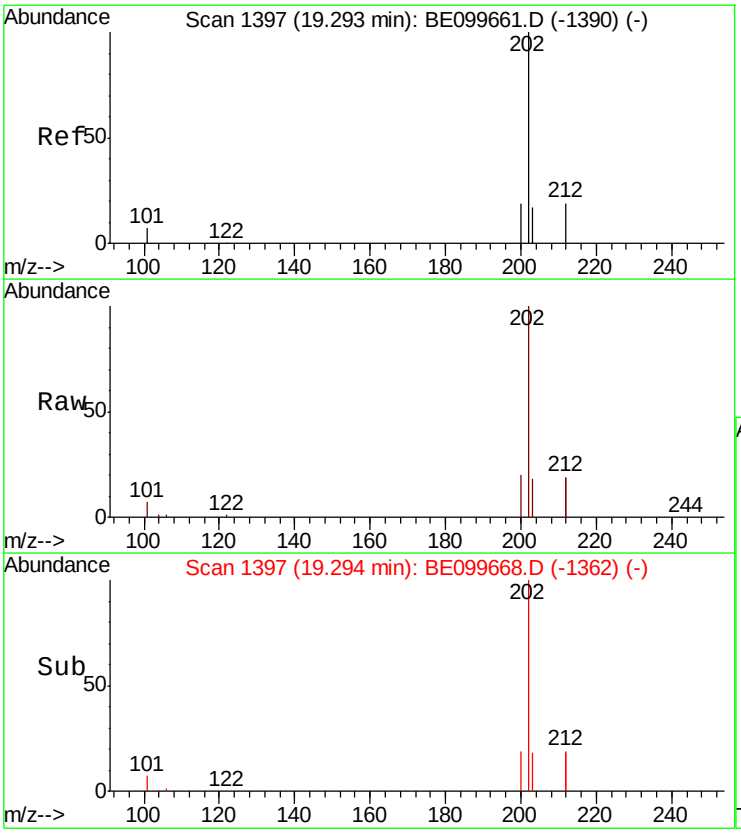
#25
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 65493

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

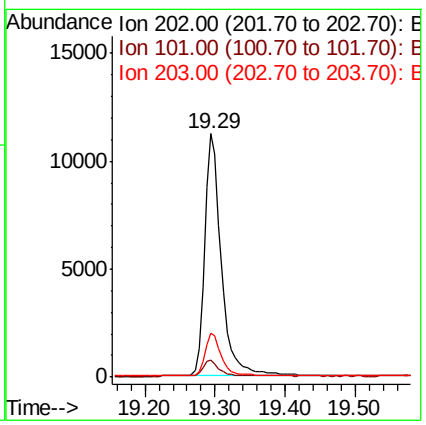


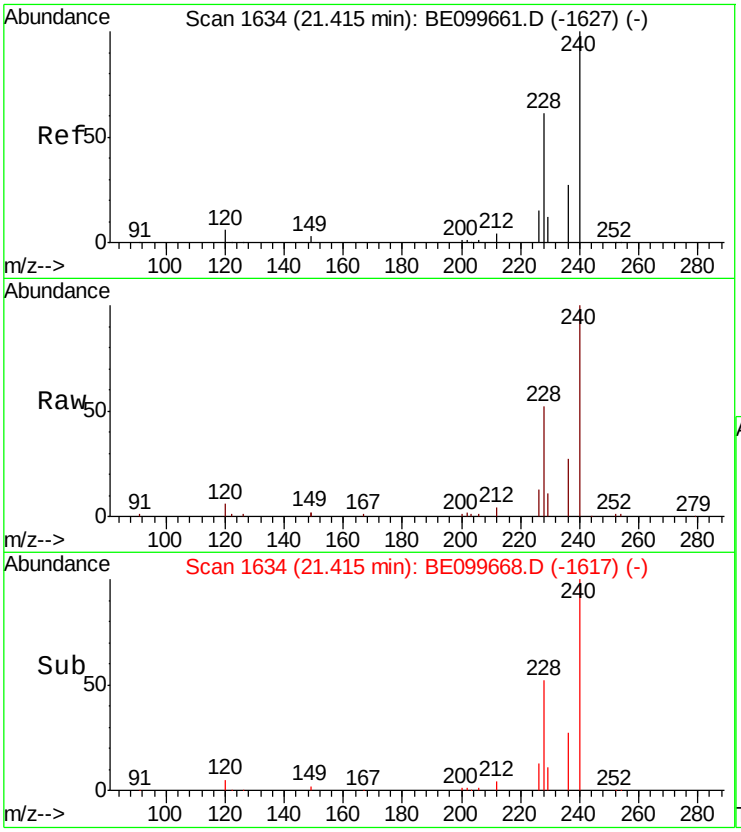


#26
Fluoranthene
Concen: 0.332 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:202 Resp: 18720

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.2	7.8
203	17.2	13.8	20.6



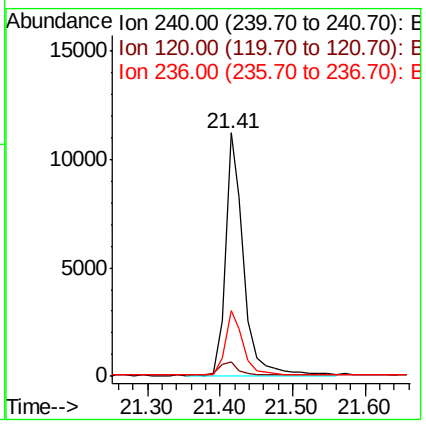


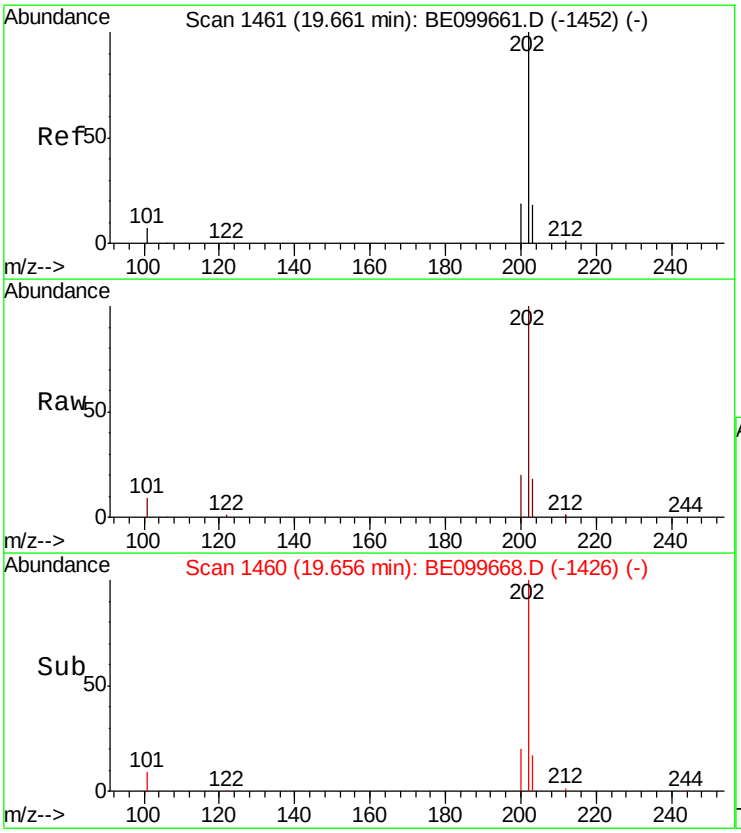
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 19549

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.4	8.0
236	27.1	21.7	32.5

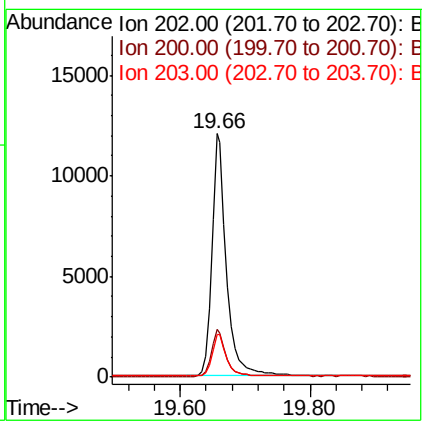


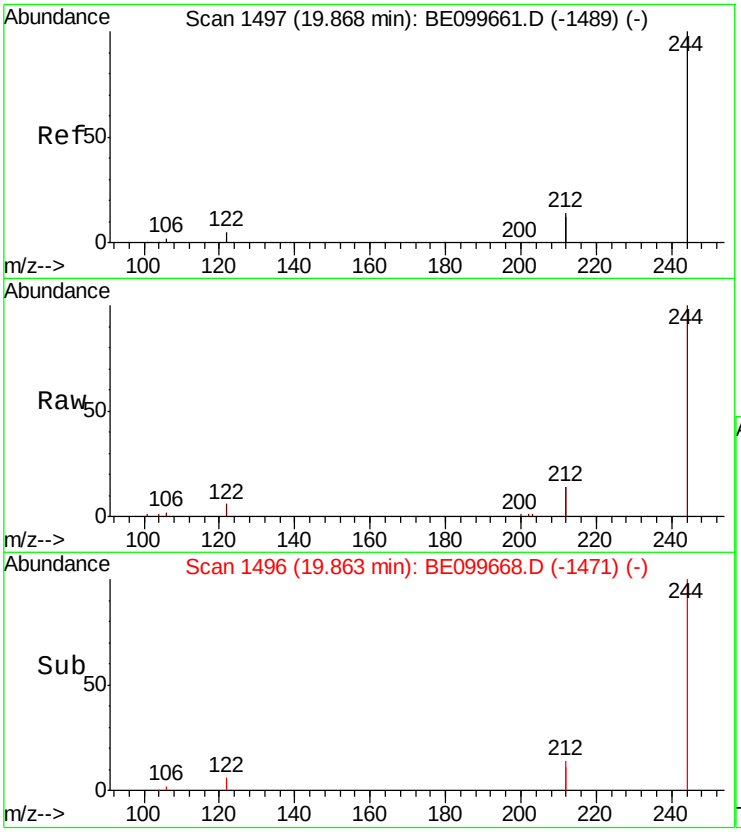


#28
Pyrene
Concen: 0.392 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:202 Resp: 19251

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.4	23.2
203	17.4	13.8	20.8



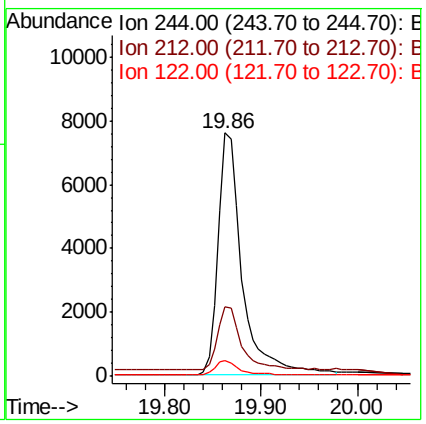


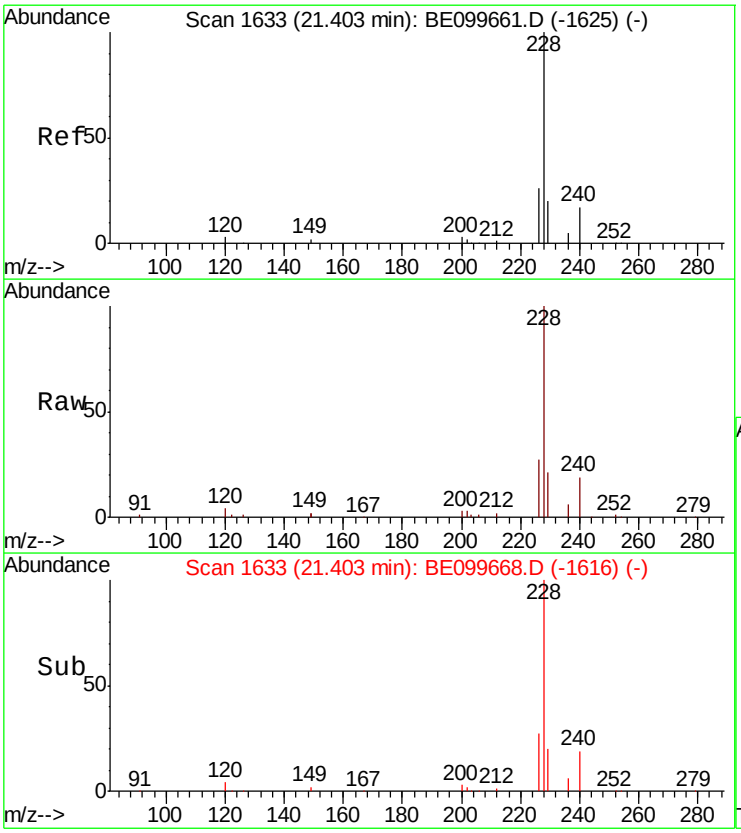
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 13311

Ion	Ratio	Lower	Upper
244	100		
212	28.7	22.5	33.7
122	6.5	4.3	6.5

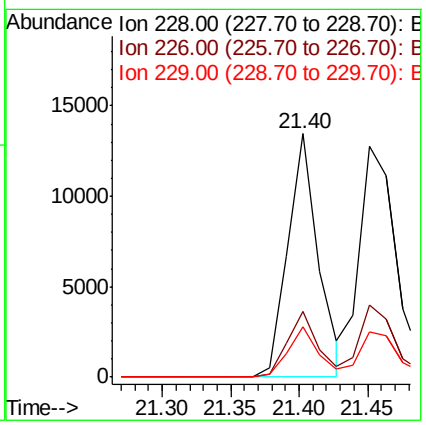


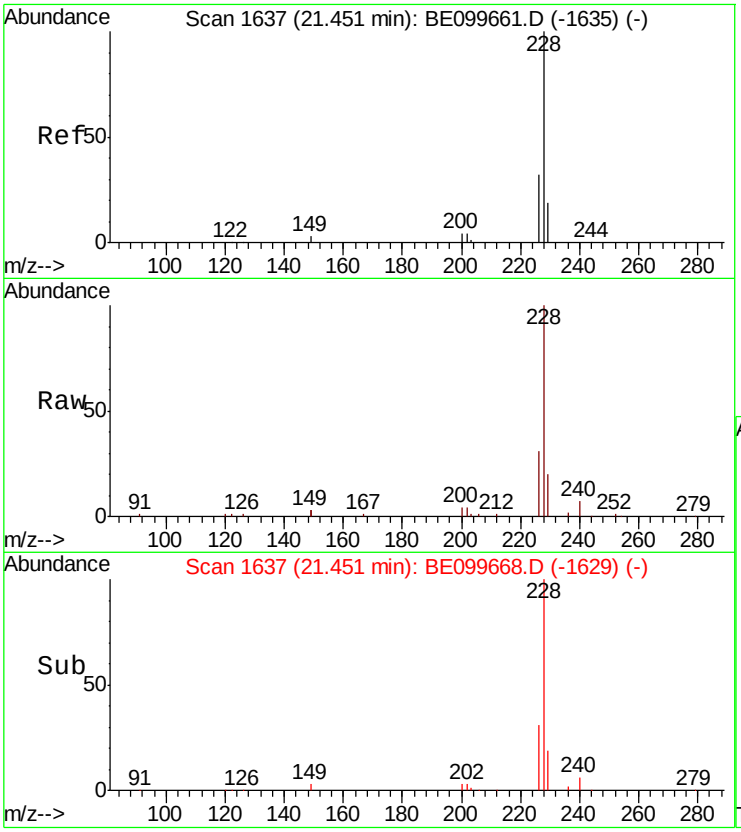


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:228 Resp: 20589

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	20.6	16.1	24.1



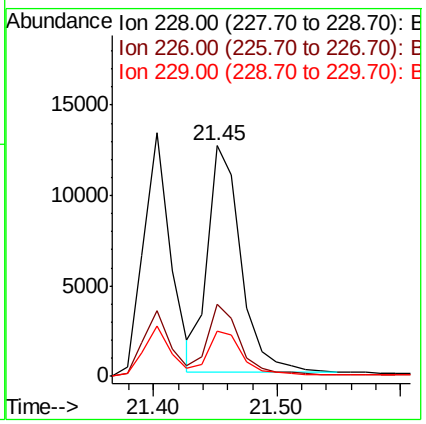


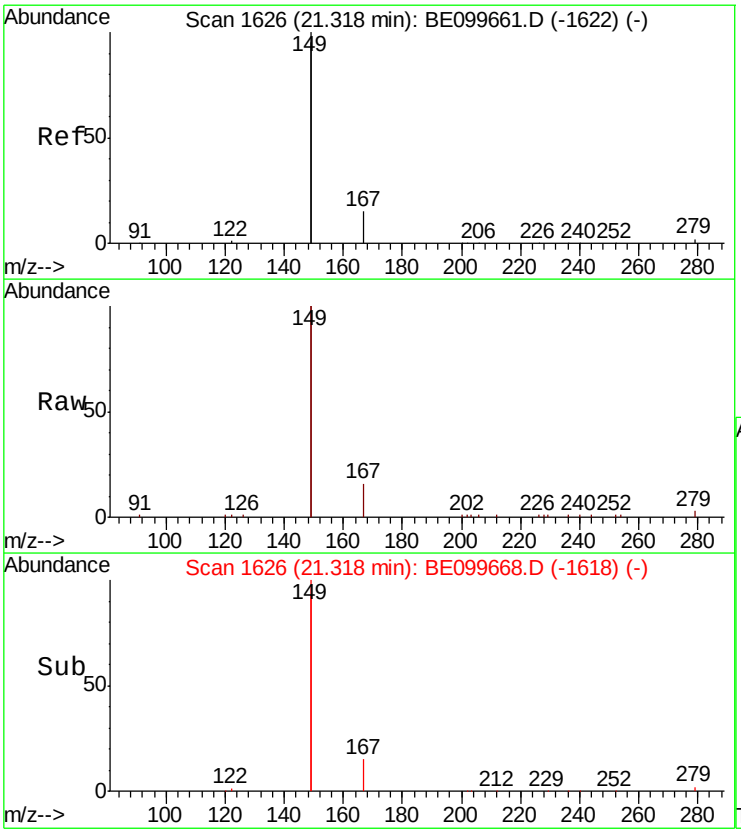
#31
Chrysene
Concen: 0.392 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23301

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	19.7	15.8	23.6

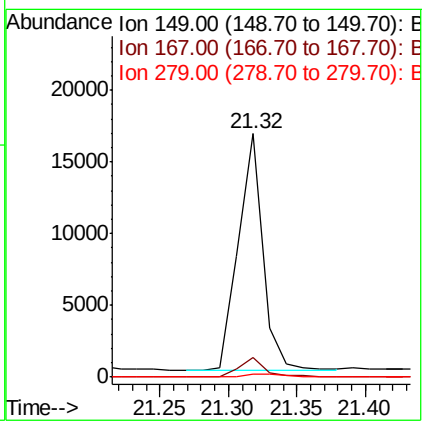


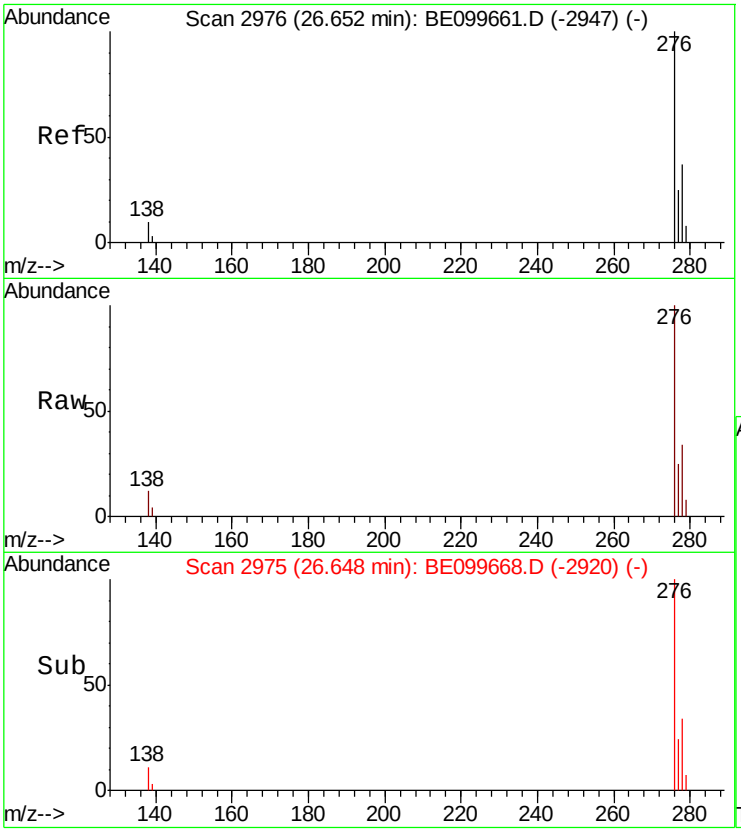


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.324 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:149 Resp: 20739

Ion	Ratio	Lower	Upper
149	100		
167	7.8	6.2	9.4
279	1.5	1.2	1.8



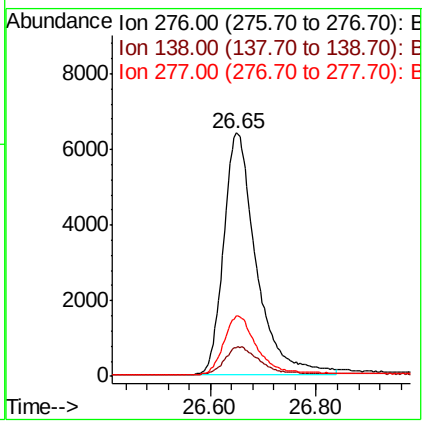


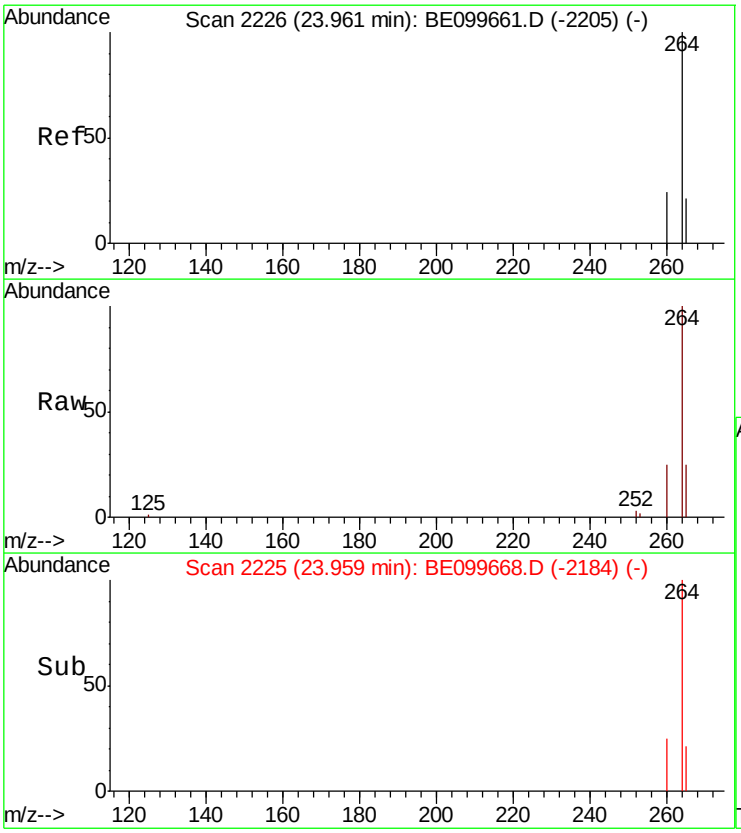
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.65 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 27290

Ion	Ratio	Lower	Upper
276	100		
138	12.0	9.6	14.4
277	24.2	19.2	28.8

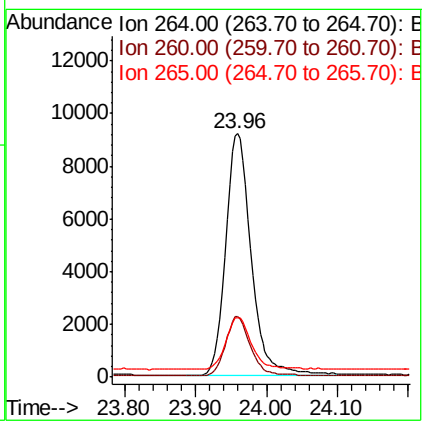


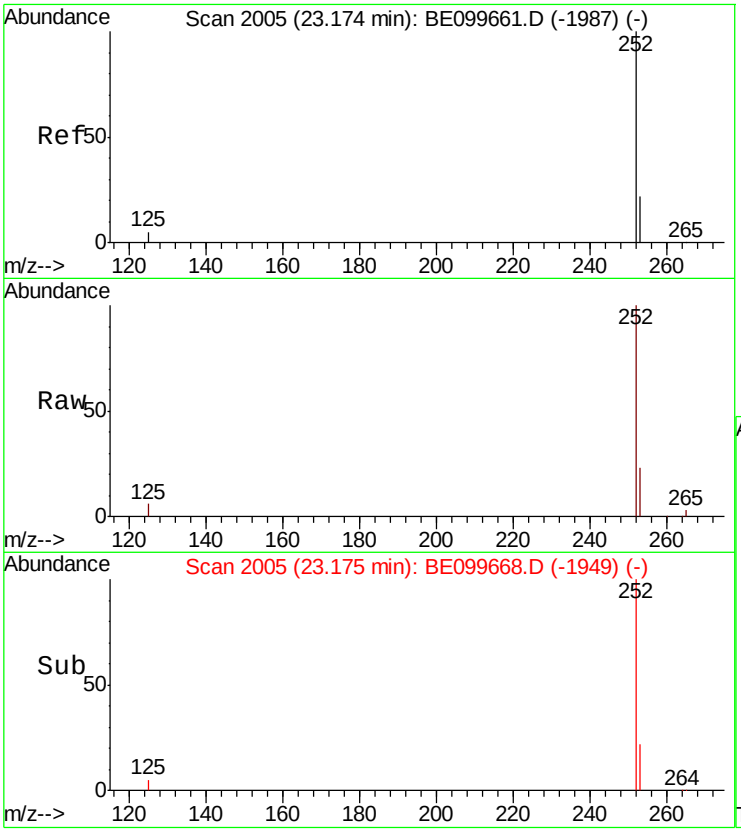


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:264 Resp: 22961

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	24.6	19.1	28.7



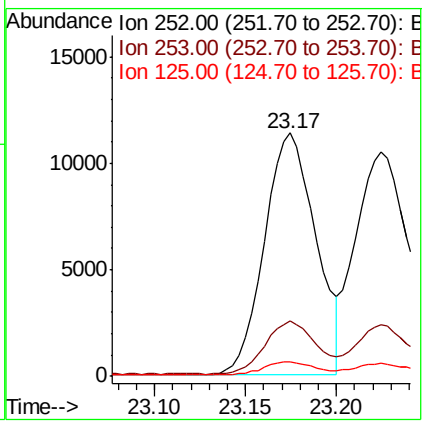


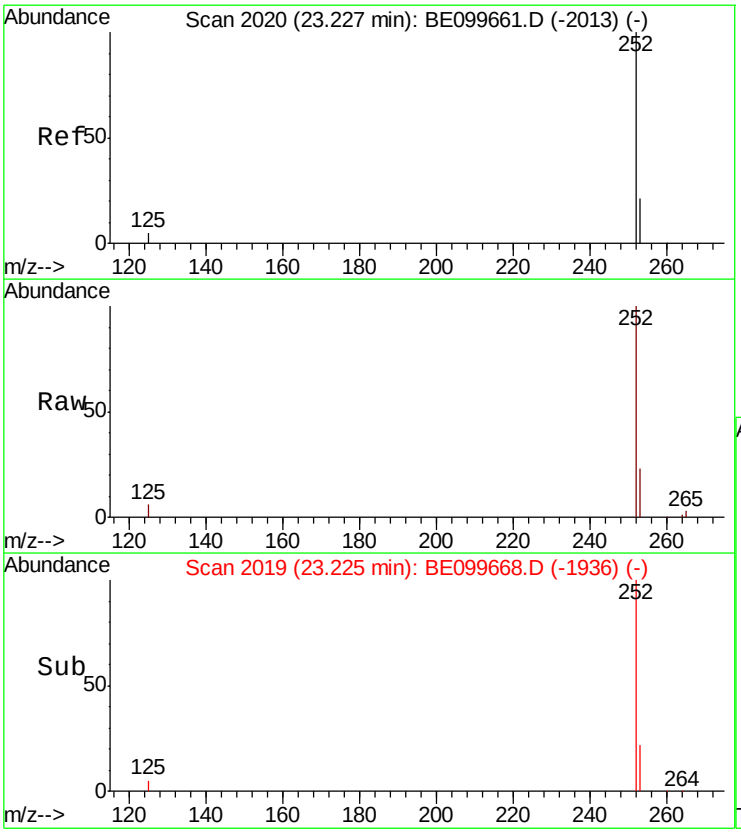
#35
Benzo(b)fluoranthene
Concen: 0.354 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22278

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	5.8	4.5	6.7

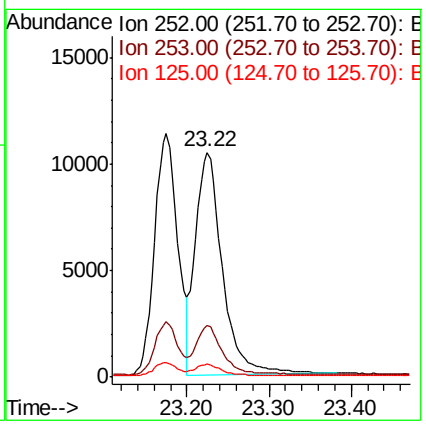


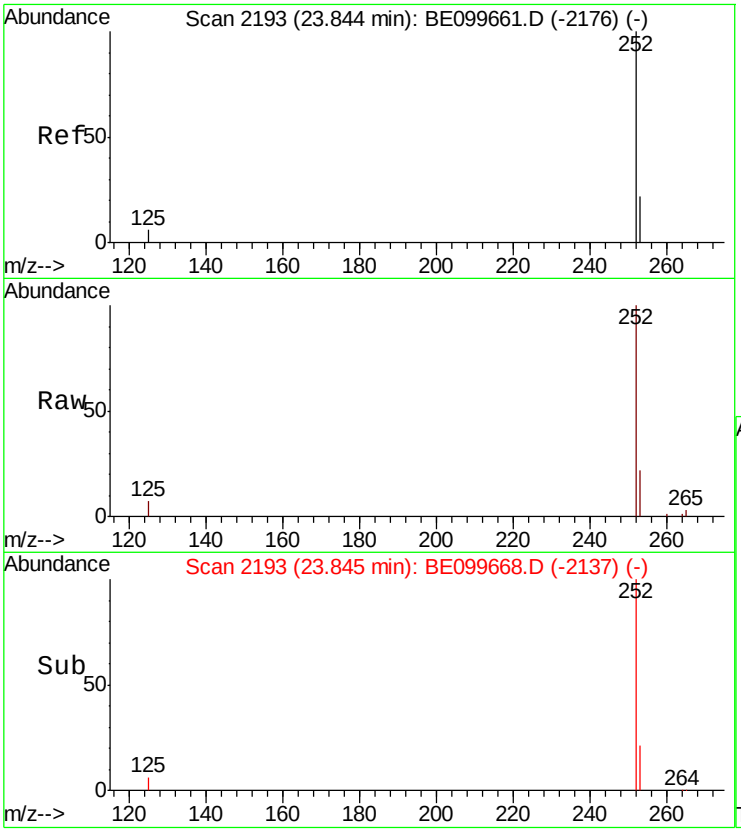


#36
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 23.22 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:252 Resp: 23866

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	5.8	4.6	6.8



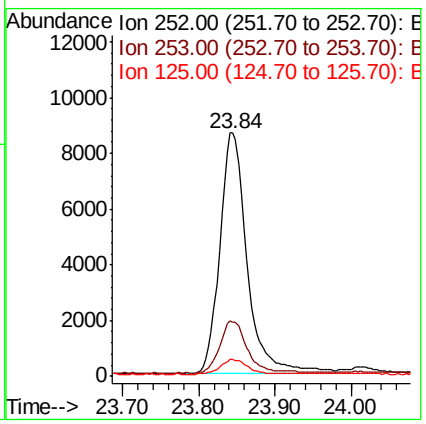


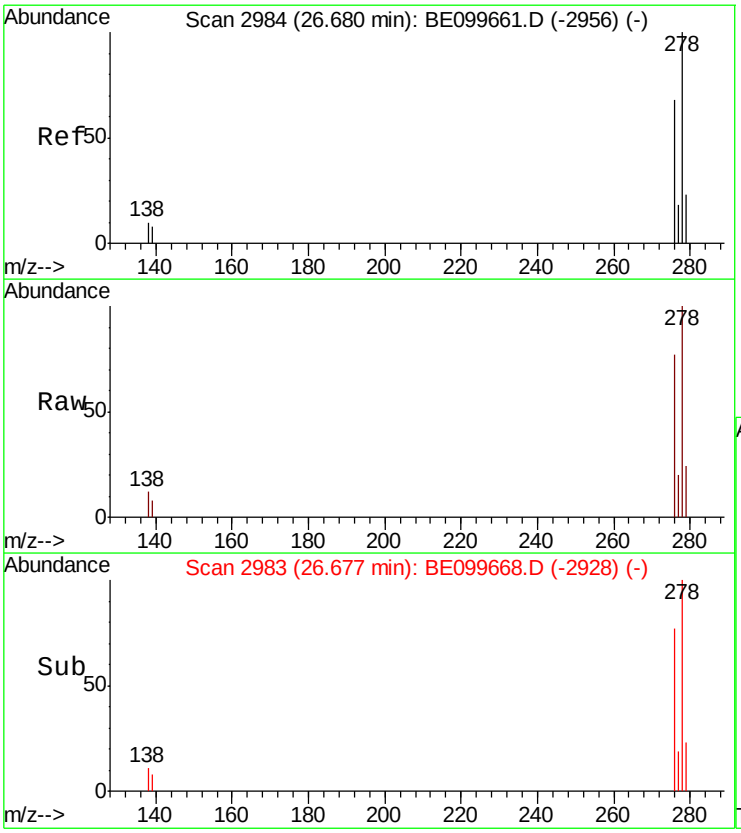
#37
Benzo(a)pyrene
Concen: 0.359 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21721

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	7.0	5.4	8.0

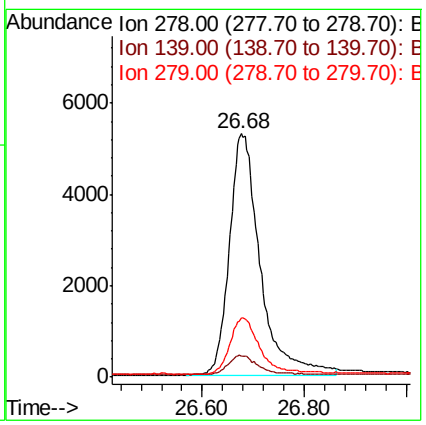


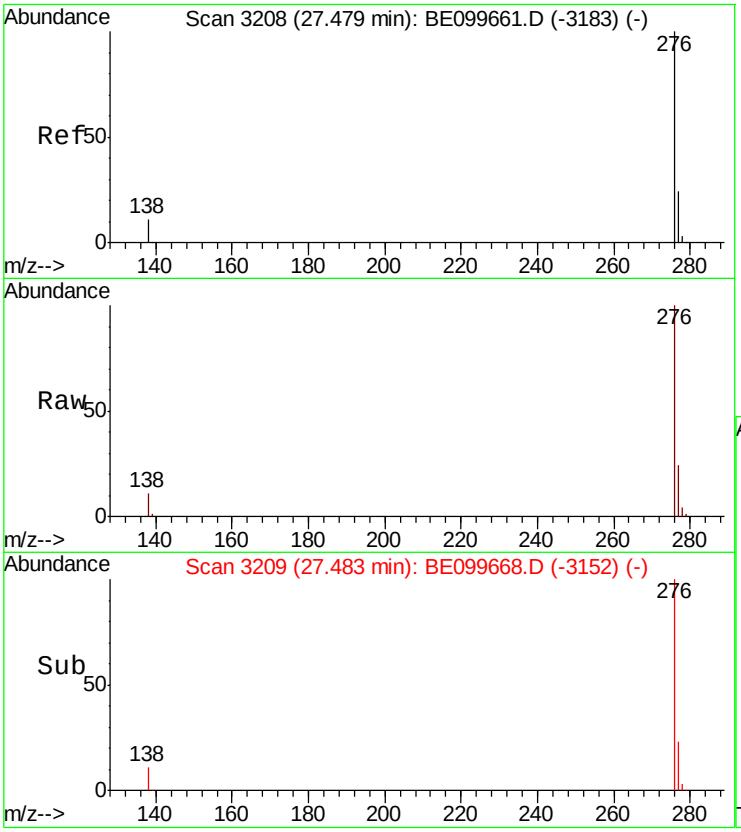


#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 26.68 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:278 Resp: 22160

Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.9	10.3
279	24.5	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.353 ng
RT: 27.48 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 22671

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	11.4	9.2	13.8