Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099797.D
Acq On : 5 Jun 2019 9:13
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jun 05 13:29:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 13:24:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1266	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	4249	0.40	ng		0.01
13) Acenaphthene-d10	14.49	164	3032	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	10360	0.40	ng		0.00
27) Chrysene-d12	21.40	240	37316	0.40	ng		-0.01
34) Perylene-d12	23.95	264	42239	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	262	0.08	ng		0.01
5) Phenol-d6	6.99	99	359	0.08	ng		0.03
8) Nitrobenzene-d5	8.99	82	313	0.09	ng		0.03
11) 2-Methylnaphthalene-d10	12.22	152	697	0.10	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	171	0.10	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	1021	0.09	ng		0.01
25) Fluoranthene-d10	19.21	212	58271	0.41	ng		-0.05
29) Terphenyl-d14	19.84	244	15607	0.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	210	0.112	ng		92
3) n-Nitrosodimethylamine	3.64	42	63	0.061	ng	#	74
6) bis(2-Chloroethyl)ether	7.24	93	355	0.094	ng	#	80
9) Naphthalene	10.67	128	4268	0.094	ng	#	95
10) Hexachlorobutadiene	10.94	225	309	0.092	ng		93
12) 2-Methylnaphthalene	12.30	142	652	0.088	ng	#	90
16) Acenaphthylene	14.21	152	1416	0.100	ng		99
17) Acenaphthene	14.54	154	736	0.093	ng		99
18) Fluorene	15.53	166	1134	0.097	ng	#	97
20) 4-Bromophenyl-phenylether	16.43	248	482	0.081	ng		94
21) Hexachlorobenzene	16.53	284	587	0.096	ng		98
22) Pentachlorophenol	16.93	266	178	0.101	ng		97
23) Phenanthrene	17.27	178	2835	0.112	ng		99
24) Anthracene	17.36	178	2079	0.091	ng		97
26) Fluoranthene	19.29	202	5284	0.132	ng		97
28) Pyrene	19.61	202	17457	0.186	ng		100
30) Benzo(a)anthracene	21.39	228	25812	0.243	ng		100
31) Chrysene	21.44	228	28410	0.251	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	29340	0.240	ng		100
33) Indeno(1,2,3-cd)pyrene	26.64	276	33804	0.247	ng		99
35) Benzo(b)fluoranthene	23.16	252	28373	0.245	ng		99
36) Benzo(k)fluoranthene	23.21	252	28536	0.237	ng		100
37) Benzo(a)pyrene	23.83	252	26825	0.241	ng	#	96
38) Dibenzo(a,h)anthracene	26.66	278	27418	0.234	ng		98
39) Benzo(g,h,i)perylene	27.47	276	28323	0.240	ng		98

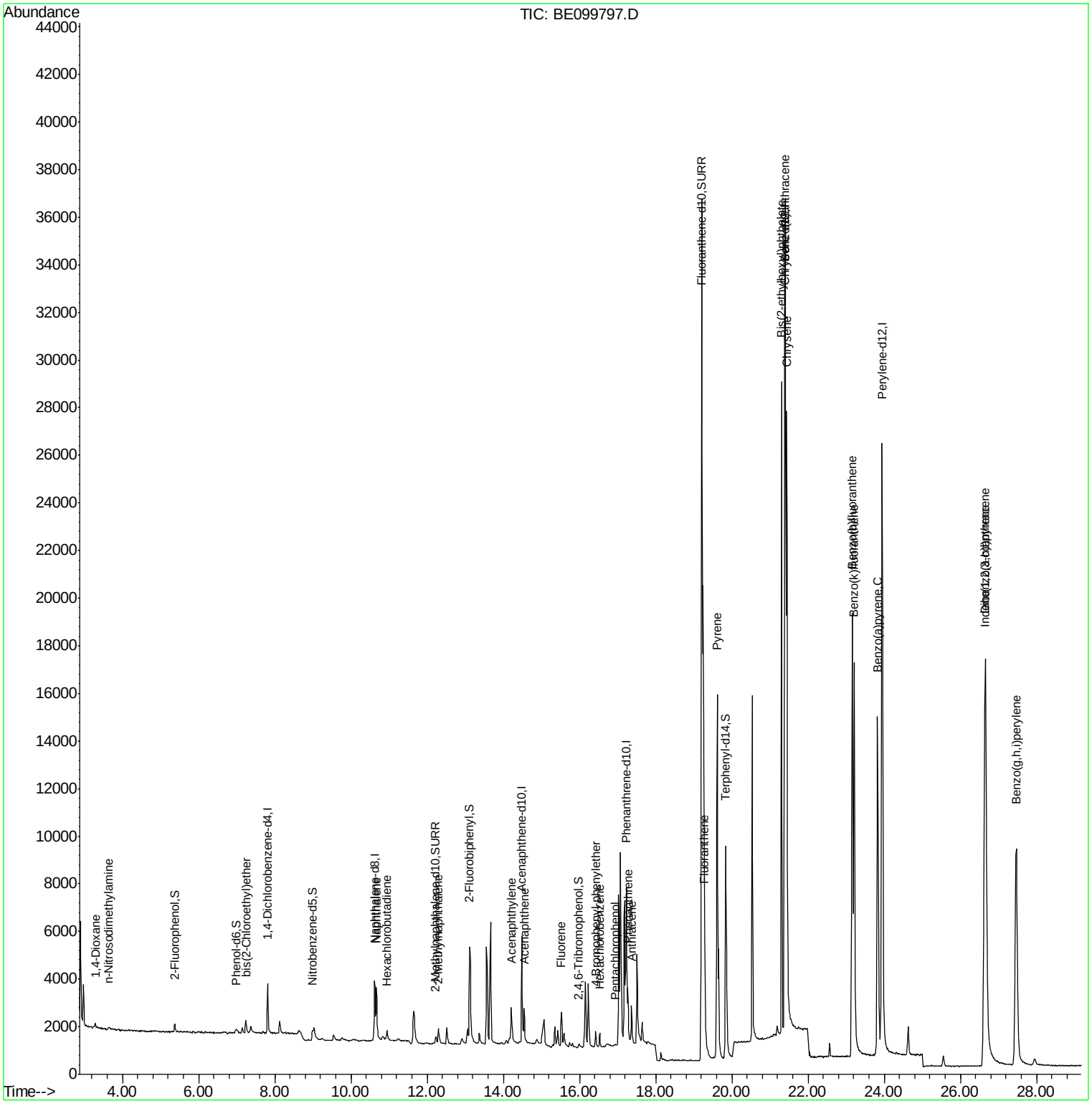
(#) = qualifier out of range (m) = manual integration (+) = signals summed

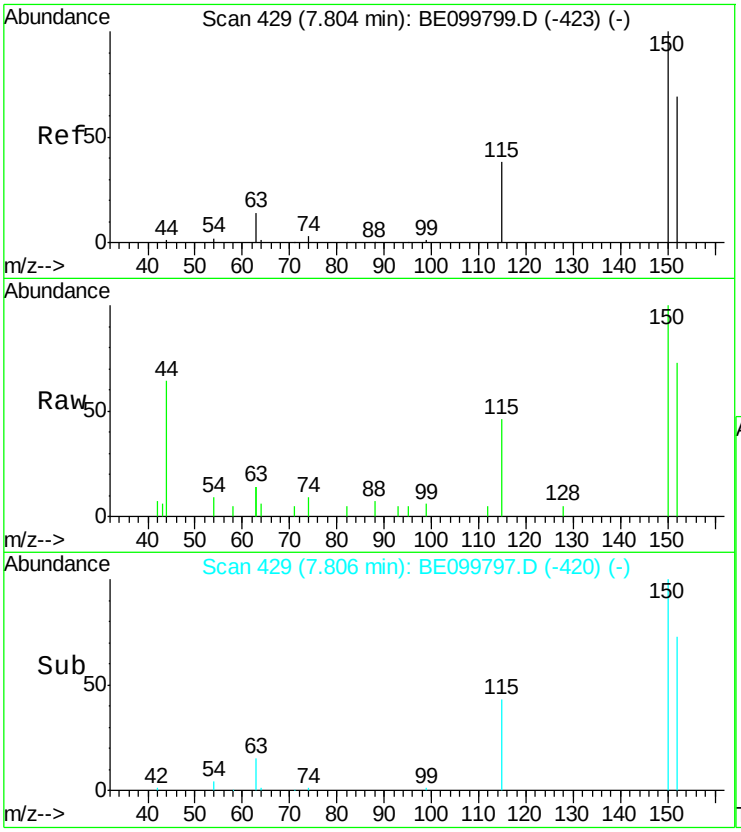
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099797.D
Acq On : 5 Jun 2019 9:13
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 05 13:29:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 13:24:09 2019
Response via : Initial Calibration



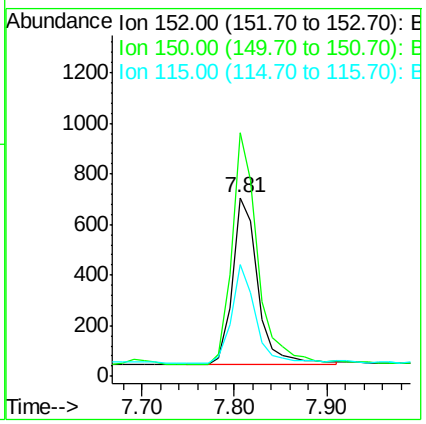


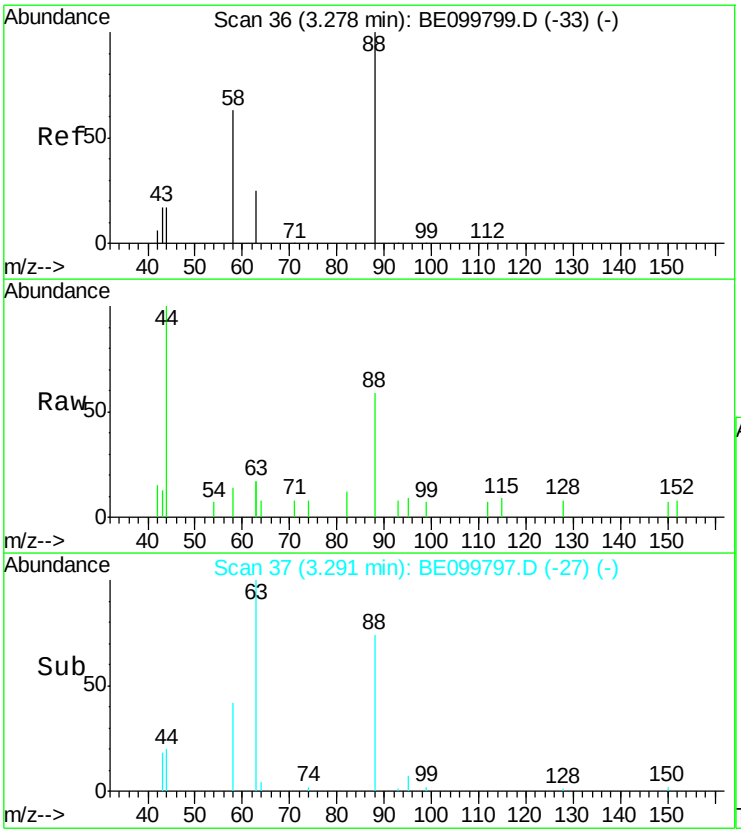
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1266

Ion	Ratio	Lower	Upper
152	100		
150	136.1	112.8	169.2
115	62.2	47.6	71.4

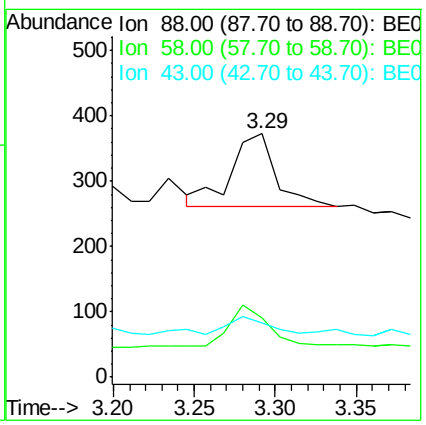


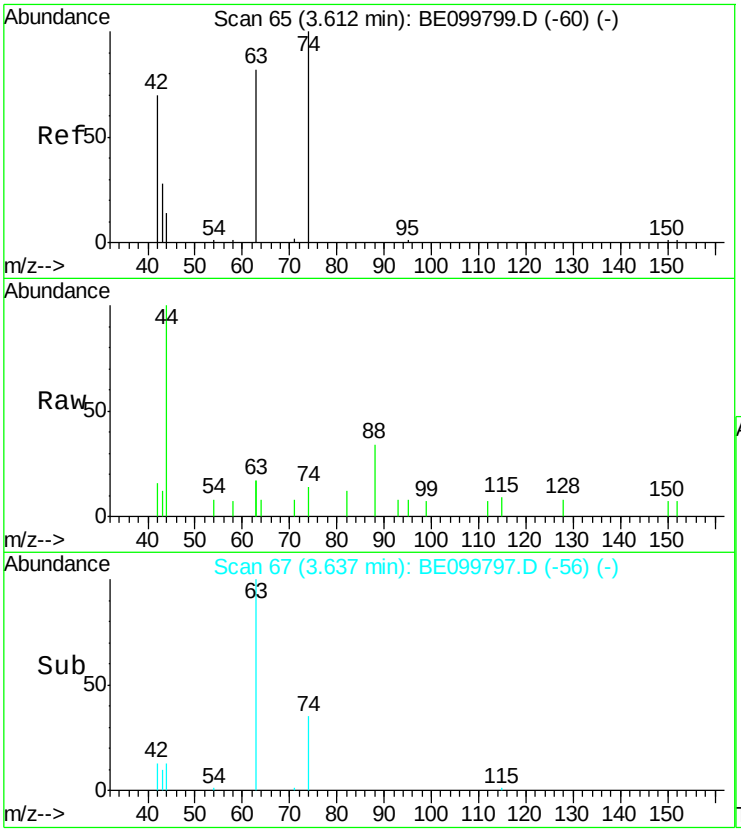


#2
1,4-Dioxane
Concen: 0.112 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion: 88 Resp: 210

Ion	Ratio	Lower	Upper
88	100		
58	52.9	47.5	71.3
43	26.2	18.2	27.4



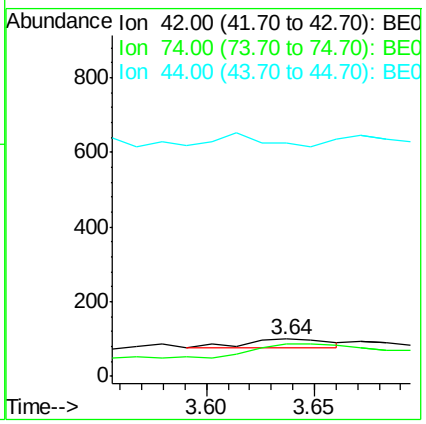


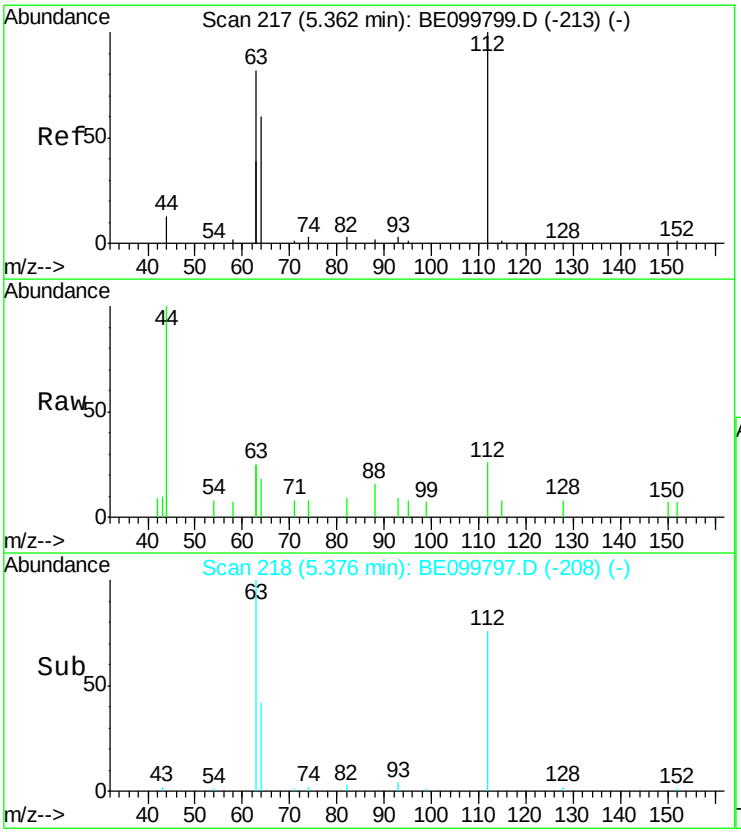
#3
n-Nitrosodimethylamine
Concen: 0.061 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 63

Ion	Ratio	Lower	Upper
42	100		
74	207.9	137.8	206.6#
44	0.0	10.8	16.2#

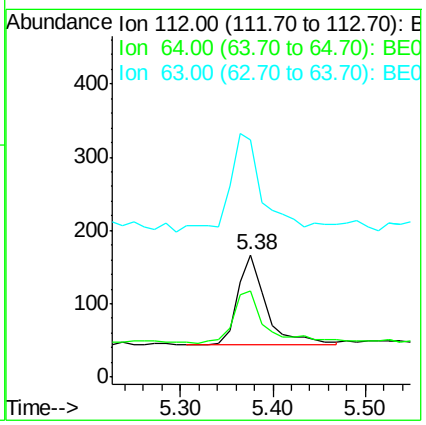


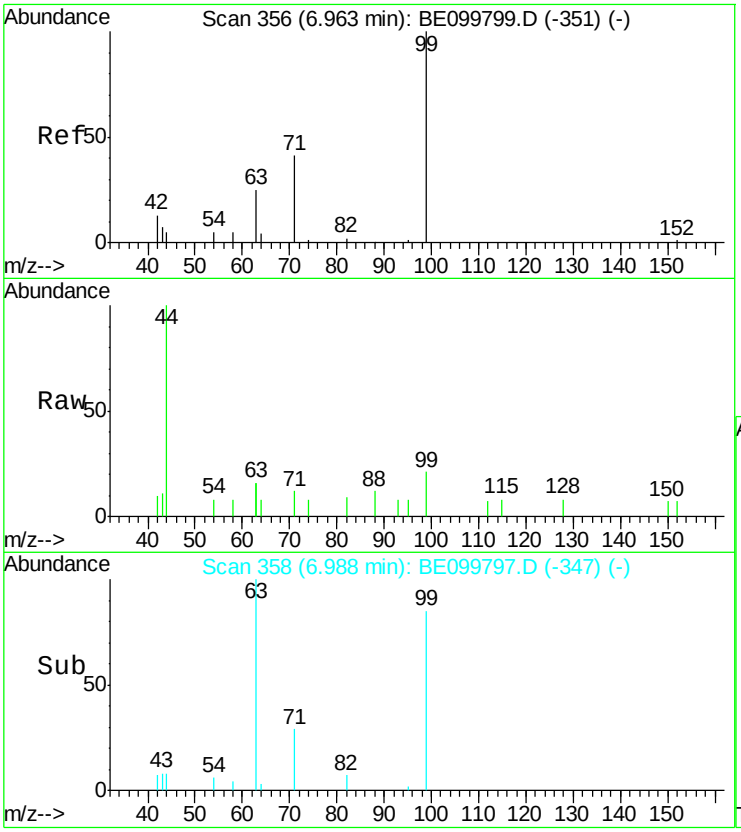


#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:112 Resp: 262

Ion	Ratio	Lower	Upper
112	100		
64	69.8	47.2	70.8
63	129.8	90.7	136.1



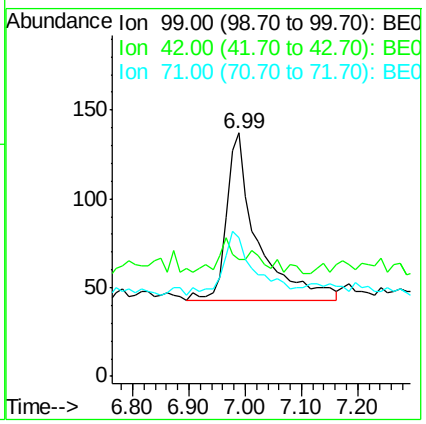


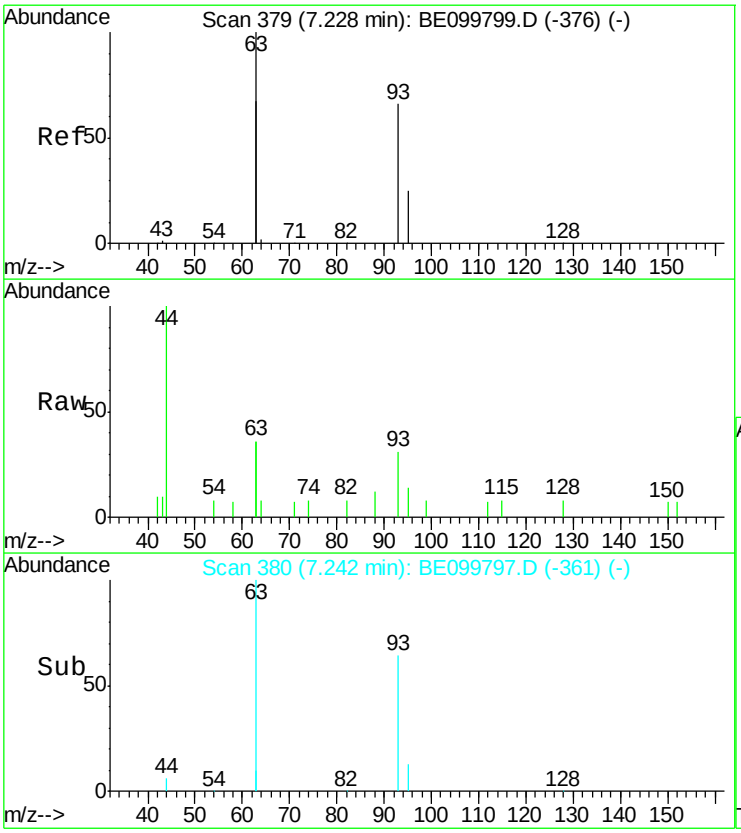
#5
Phenol-d6
Concen: 0.085 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.03 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 359

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.0	16.4#
71	38.4	26.1	39.1

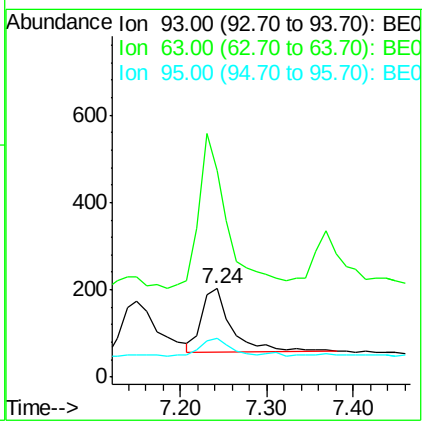


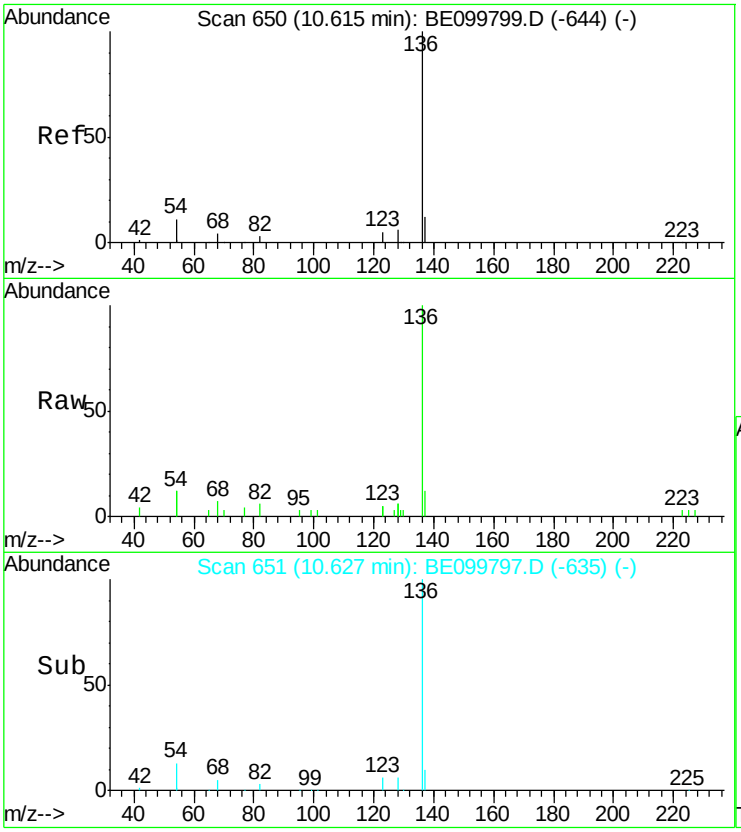


#6
bis(2-Chloroethyl)ether
Concen: 0.094 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion: 93 Resp: 355

Ion	Ratio	Lower	Upper
93	100		
63	224.2	208.8	313.2
95	26.5	27.6	41.4#



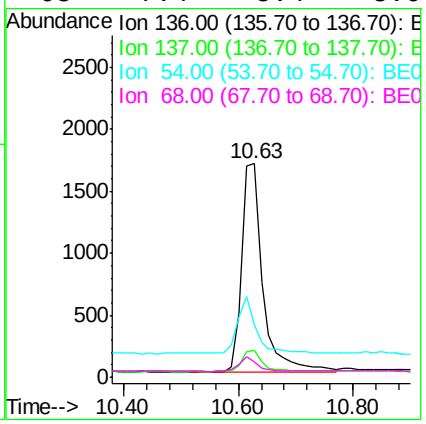


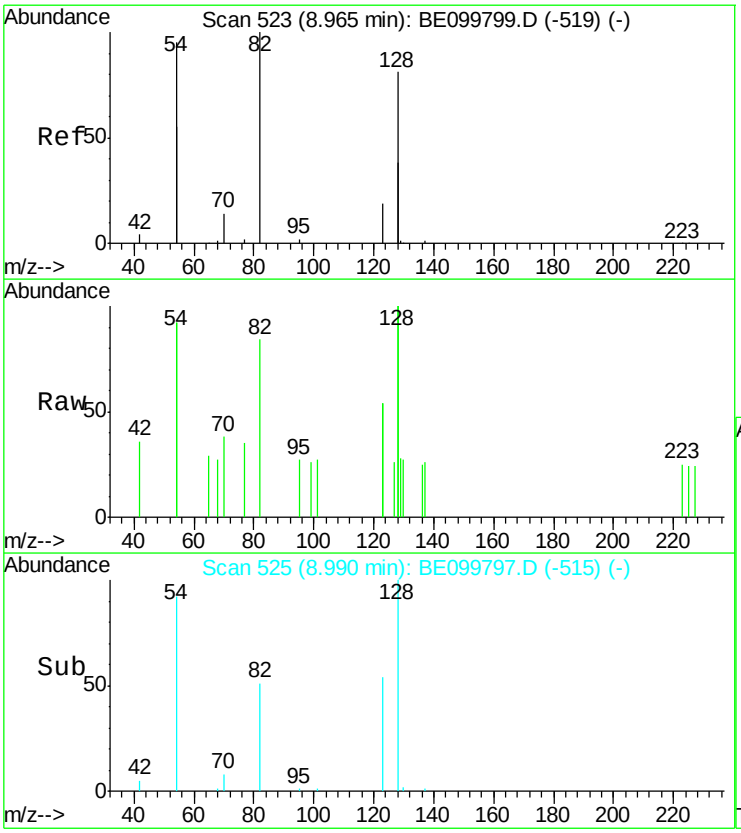
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 4249

Ion	Ratio	Lower	Upper
136	100		
137	12.4	11.1	16.7
54	24.6	17.9	26.9
68	7.4	5.4	8.0

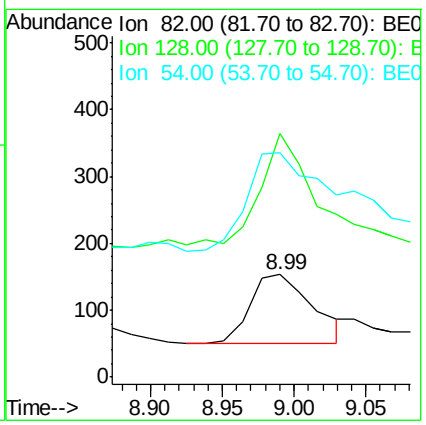


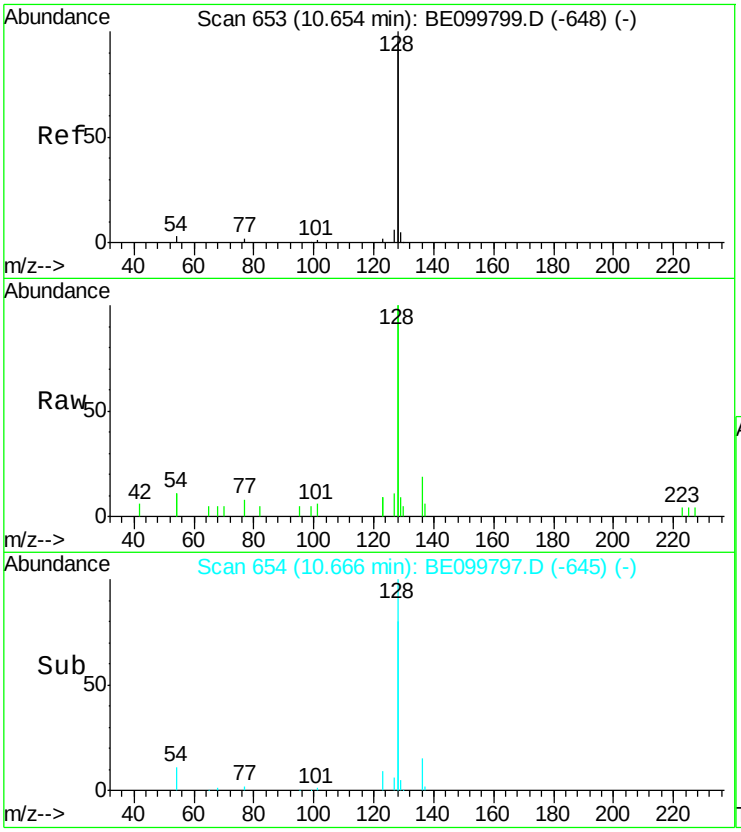


#8
Nitrobenzene-d5
Concen: 0.085 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.03 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion: 82 Resp: 313

Ion	Ratio	Lower	Upper
82	100		
128	237.9	116.6	175.0#
54	219.6	136.2	204.4#



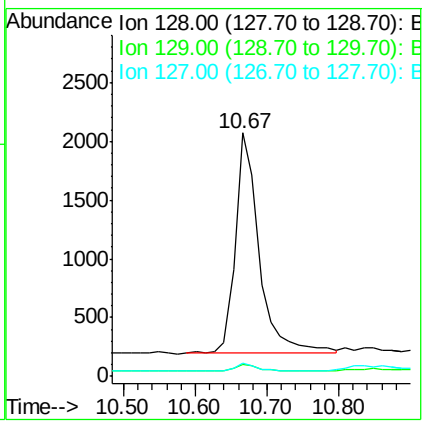


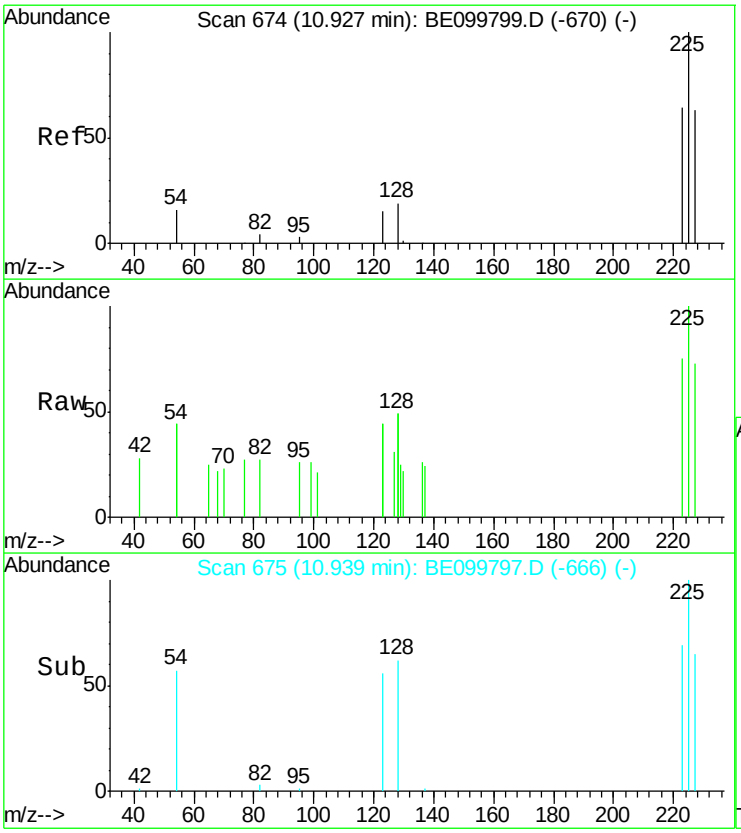
#9
Naphthalene
Concen: 0.094 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4268

Ion	Ratio	Lower	Upper
128	100		
129	4.7	2.6	4.0#
127	5.5	3.0	4.6#

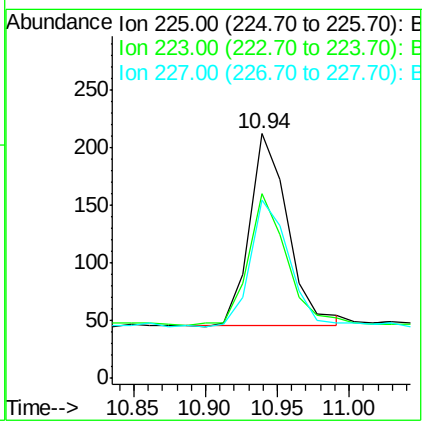


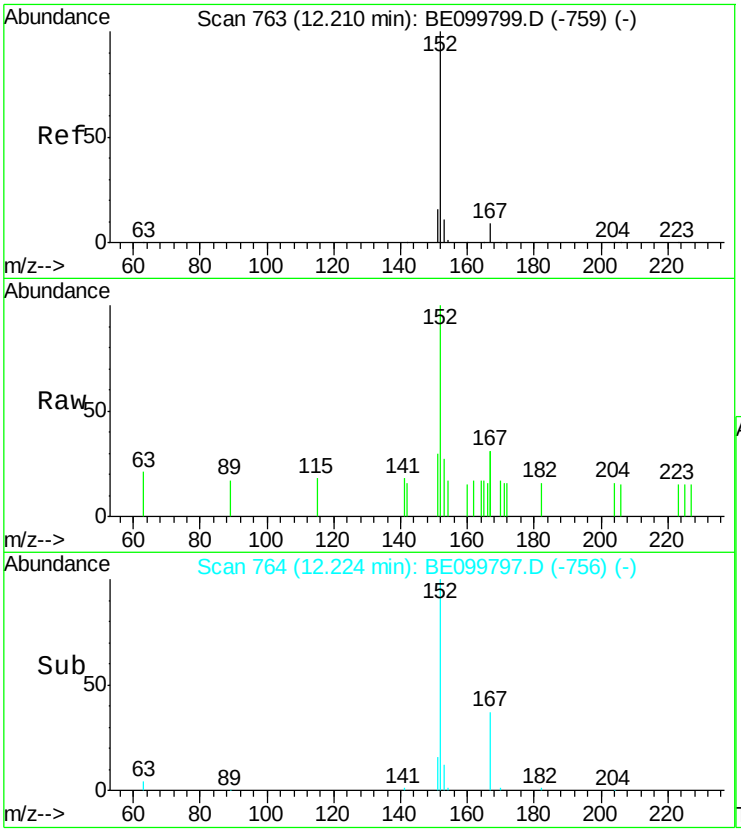


#10
Hexachlorobutadiene
Concen: 0.092 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:225 Resp: 309

Ion	Ratio	Lower	Upper
225	100		
223	69.9	48.6	72.8
227	67.0	51.8	77.6



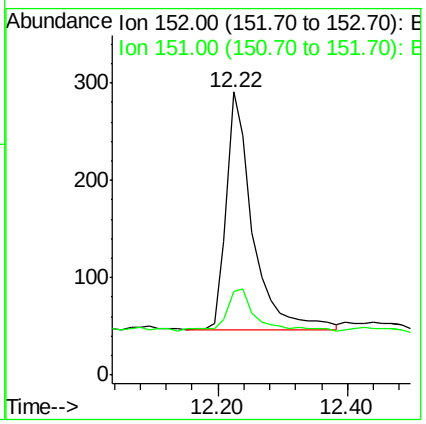


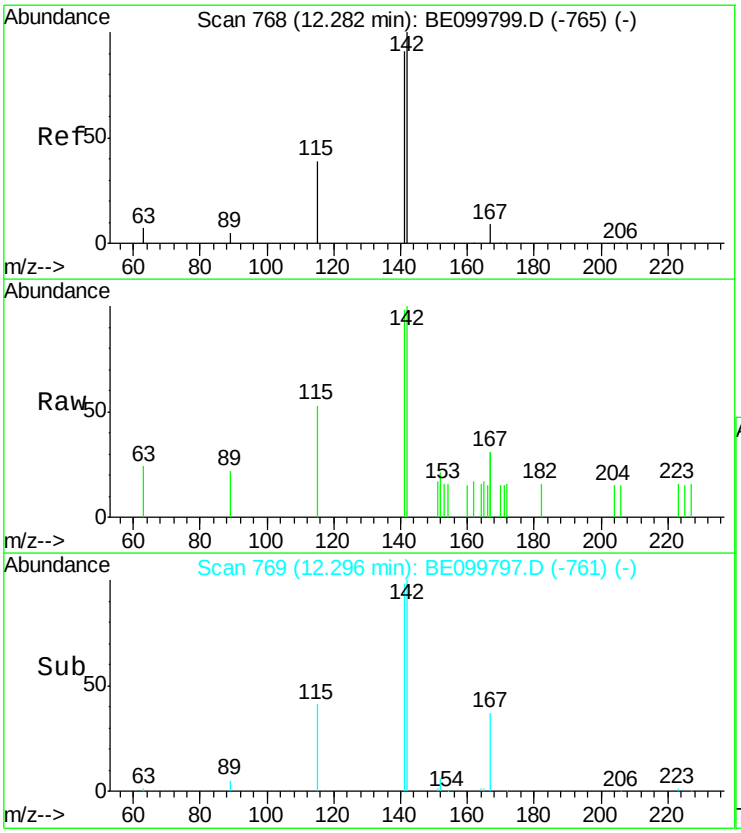
#11
2-Methylnaphthalene-d10
Concen: 0.095 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 697

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3

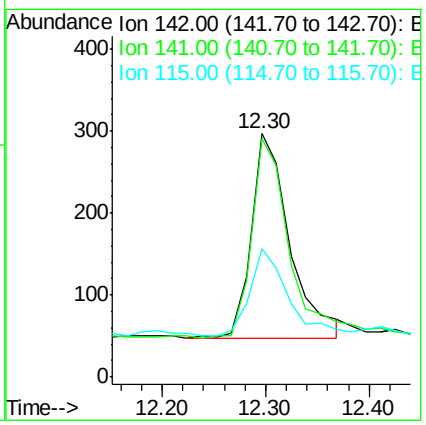


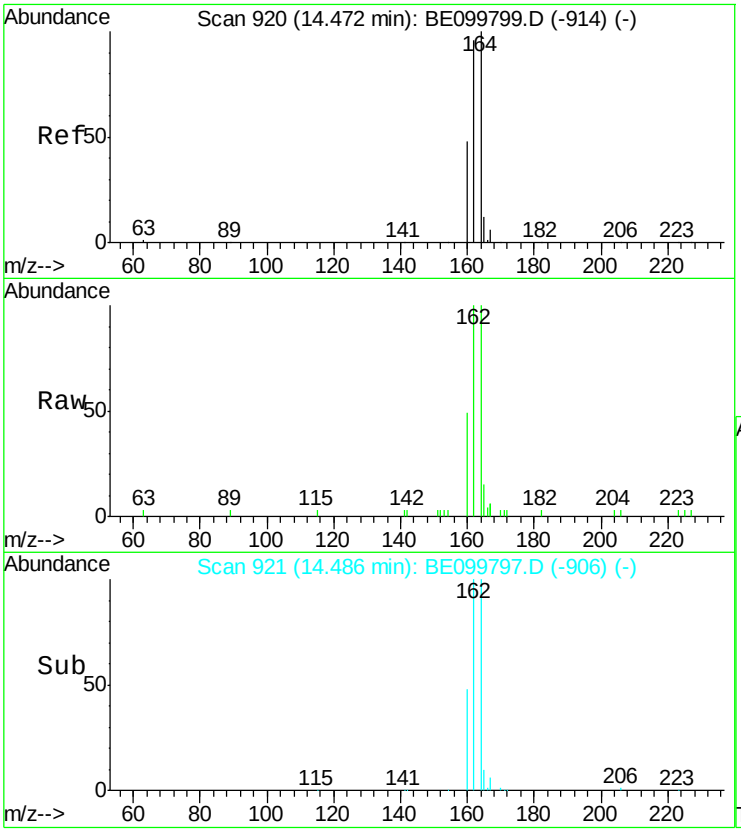


#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:142 Resp: 652

Ion	Ratio	Lower	Upper
142	100		
141	98.0	73.3	109.9
115	52.5	33.4	50.2#



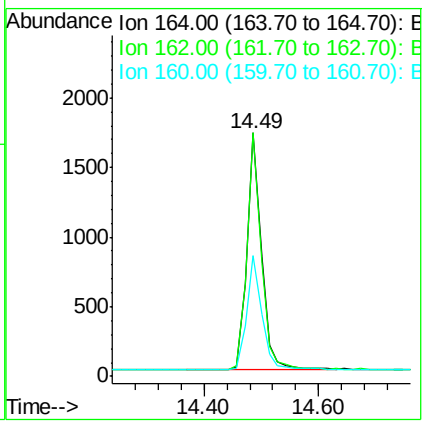


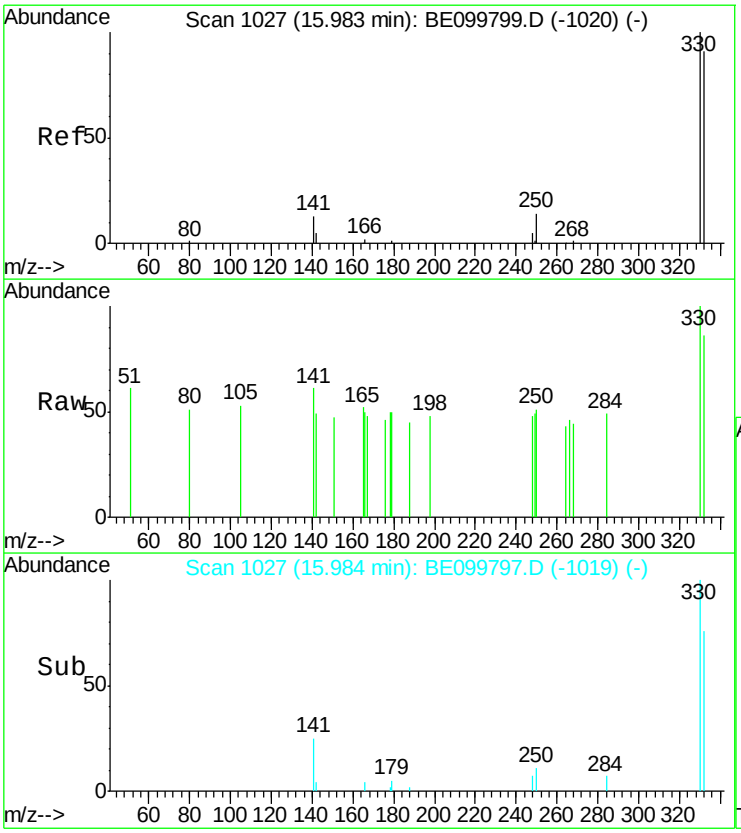
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 3032

Ion	Ratio	Lower	Upper
164	100		
162	99.9	77.2	115.8
160	49.5	39.4	59.2

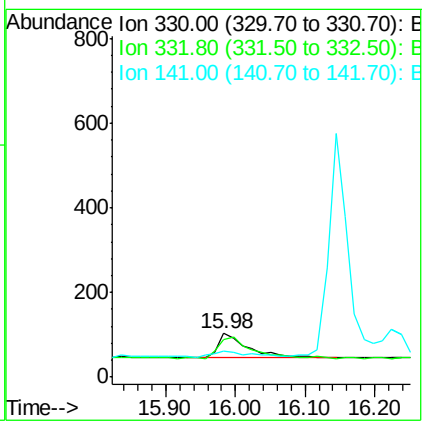


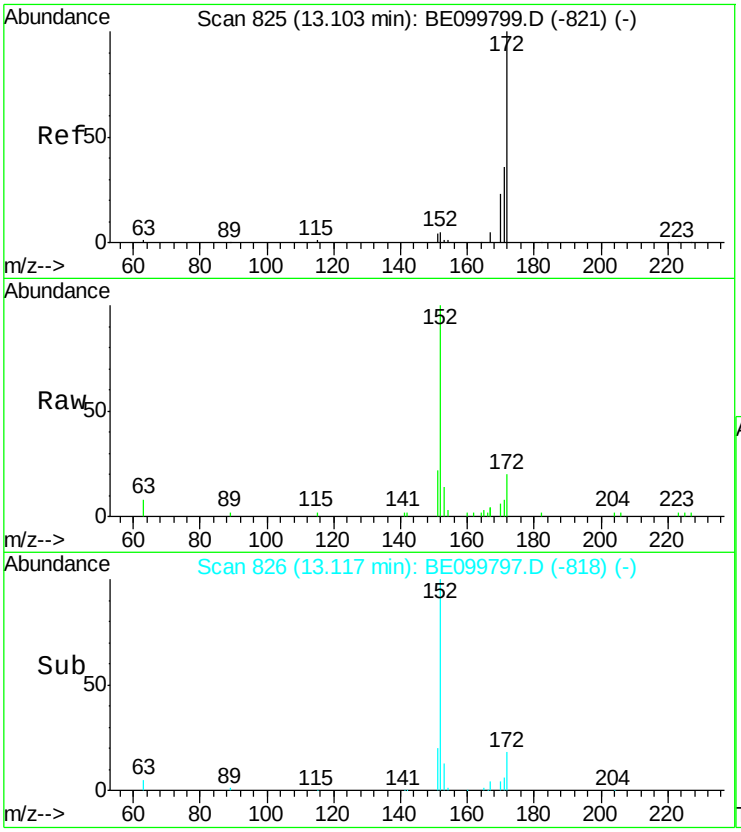


#14
2,4,6-Tribromophenol
Concen: 0.095 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:330 Resp: 171

Ion	Ratio	Lower	Upper
330	100		
332	87.7	72.9	109.3
141	32.2	15.6	23.4#



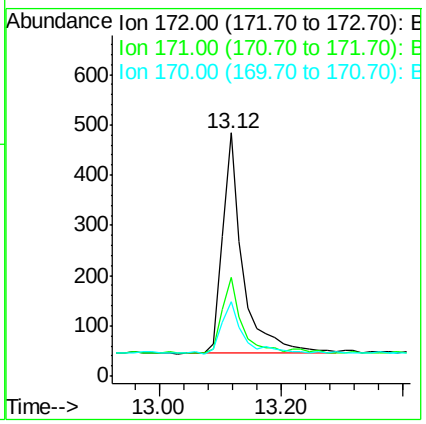


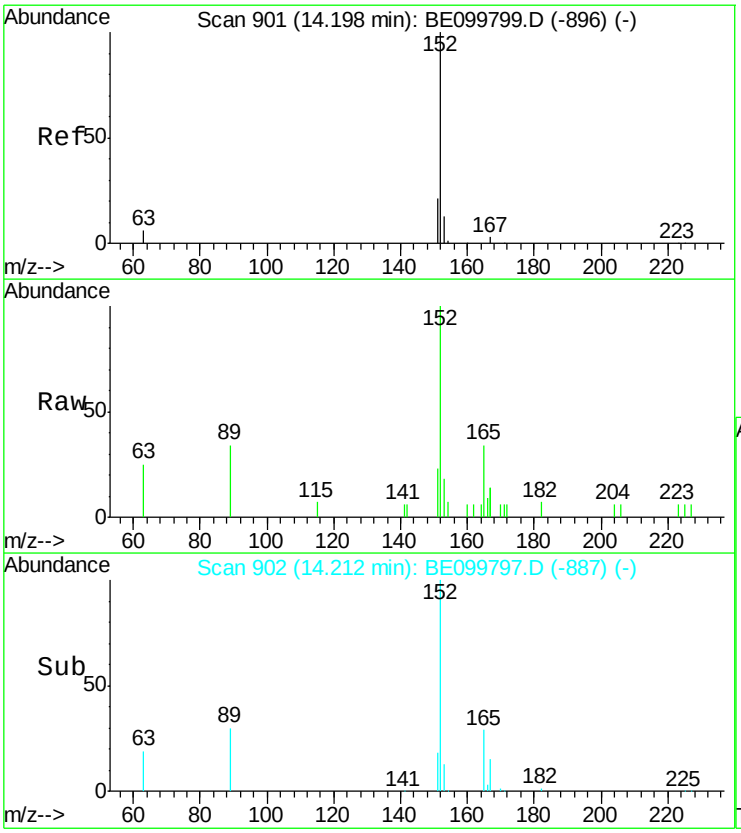
#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1021

Ion	Ratio	Lower	Upper
172	100		
171	40.7	30.2	45.4
170	30.6	20.1	30.1#

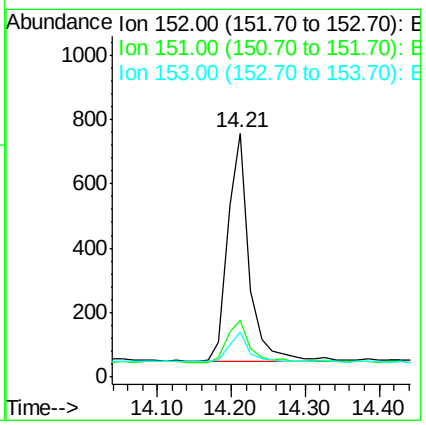


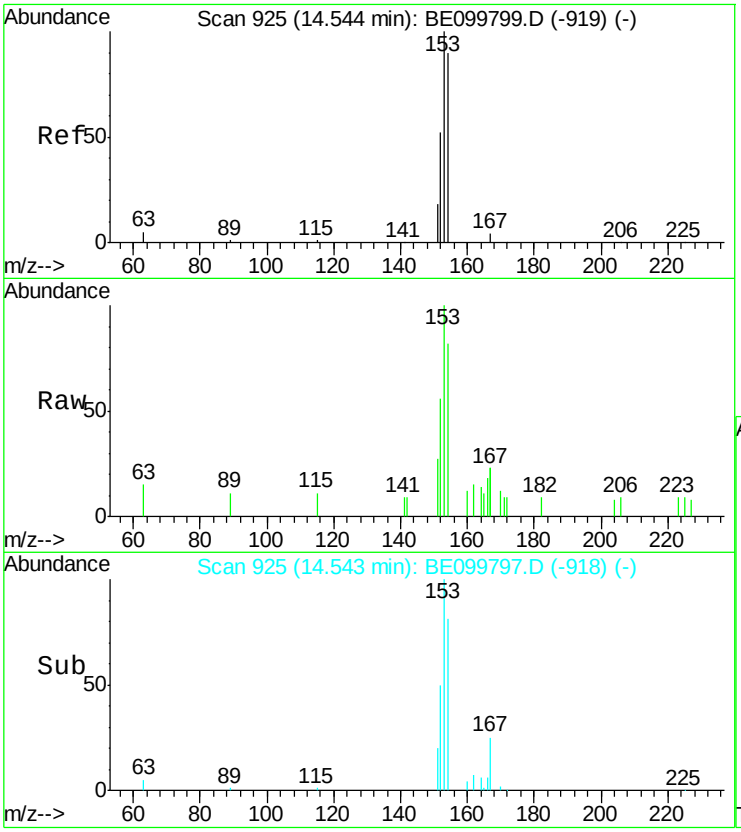


#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:152 Resp: 1416

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.4	10.8	16.2



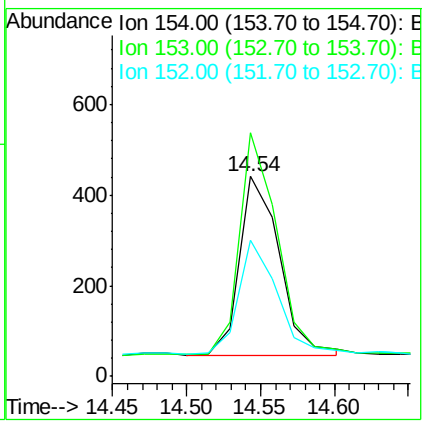


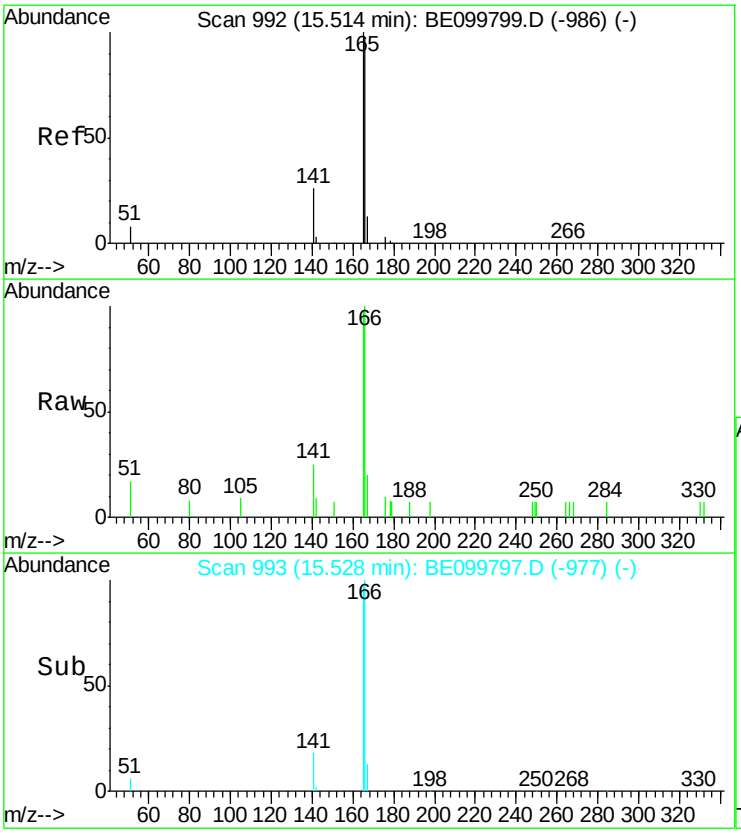
#17
Acenaphthene
Concen: 0.093 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 736

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.8	139.2
152	61.3	47.7	71.5

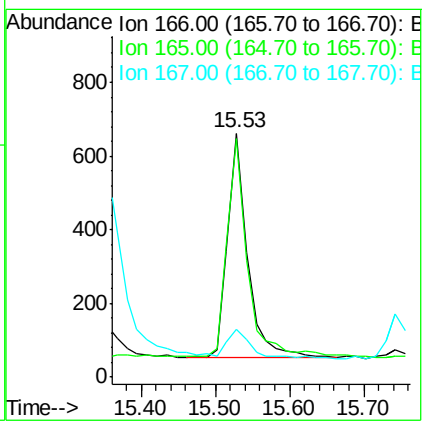


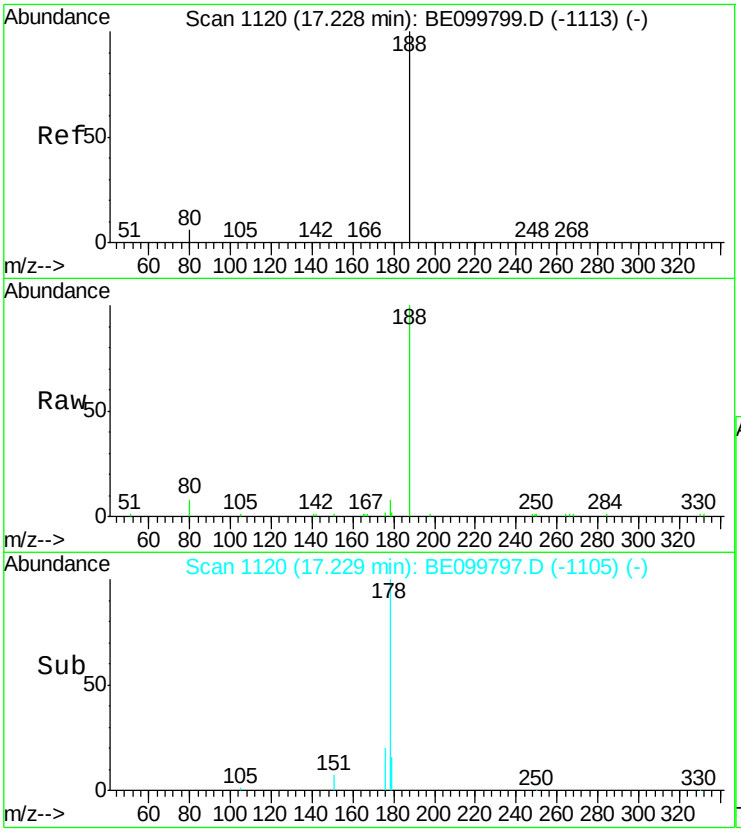


#18
Fluorene
Concen: 0.097 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:166 Resp: 1134

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.4	120.6
167	16.8	10.7	16.1#



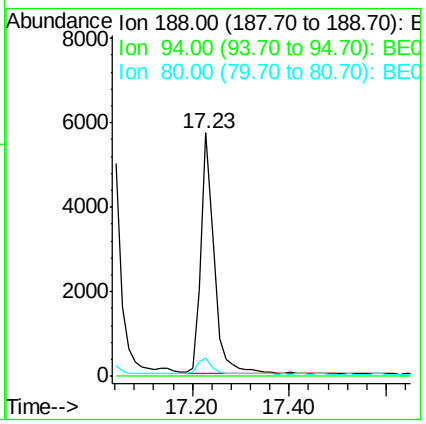


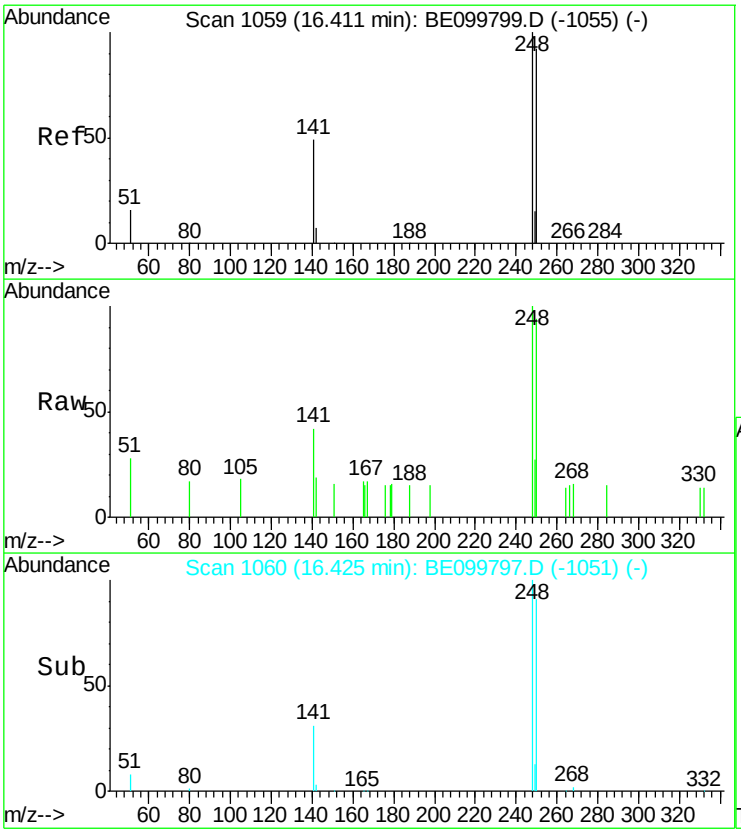
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 10360

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	5.2	7.8

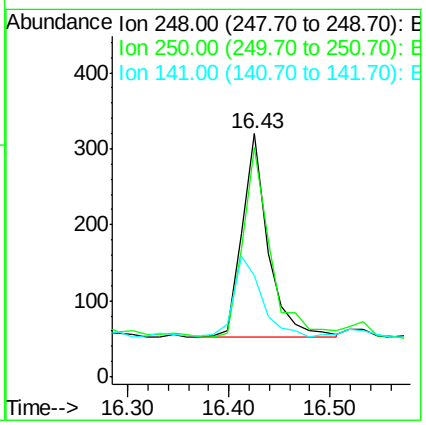


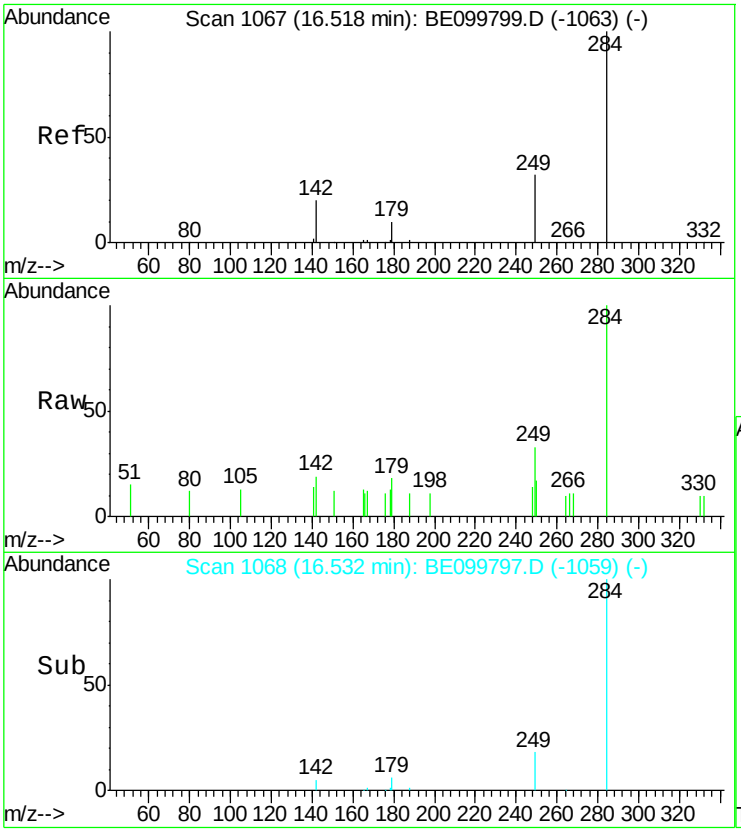


#20
4-Bromophenyl-phenylether
Concen: 0.081 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:248 Resp: 482

Ion	Ratio	Lower	Upper
248	100		
250	94.1	73.7	110.5
141	41.9	40.9	61.3



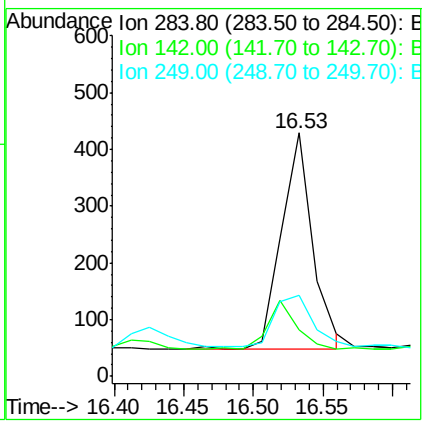


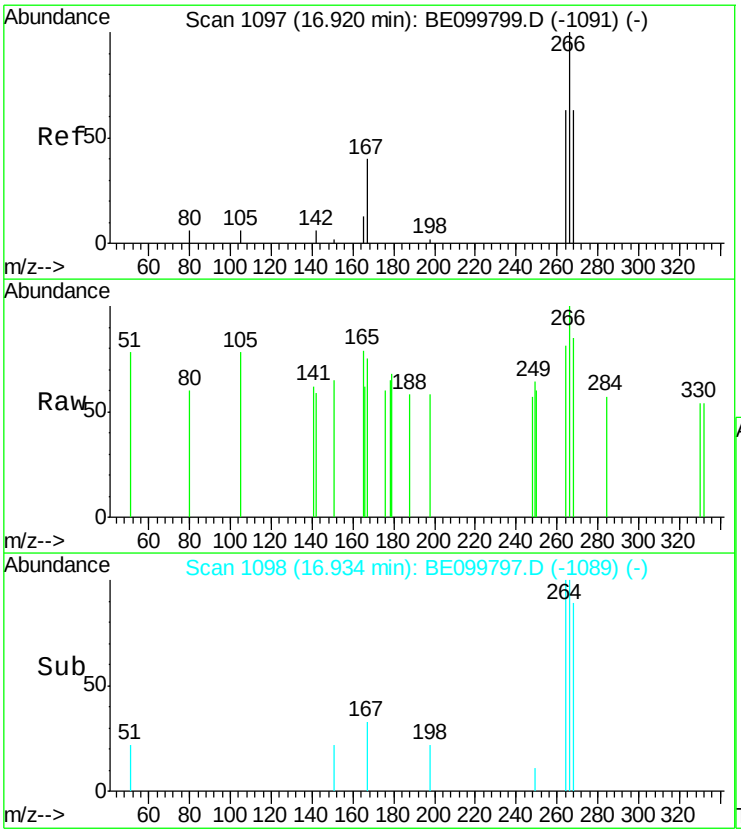
#21
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 587

Ion	Ratio	Lower	Upper
284	100		
142	21.1	16.2	24.4
249	29.6	23.0	34.6

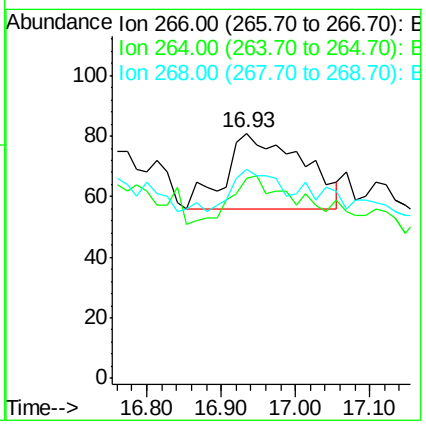


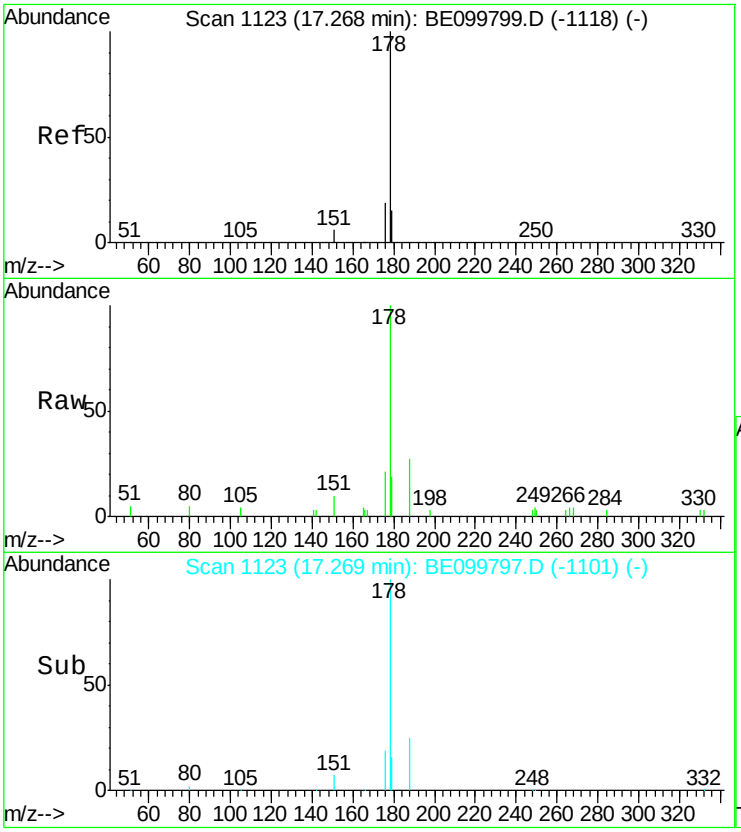


#22
Pentachlorophenol
Concen: 0.101 ng
RT: 16.93 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:266 Resp: 178

Ion	Ratio	Lower	Upper
266	100		
264	81.5	64.9	97.3
268	85.2	64.0	96.0



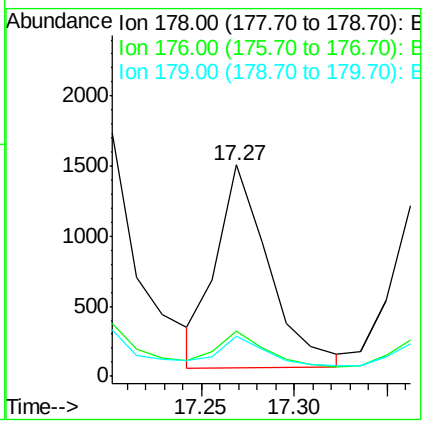


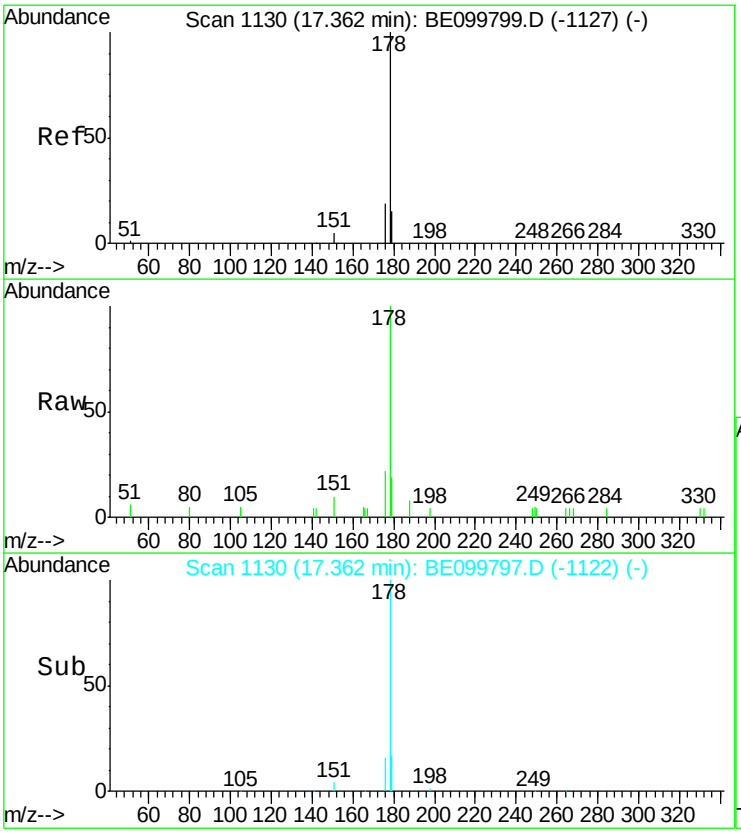
#23
Phenanthrene
Concen: 0.112 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2835

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.9	12.5	18.7

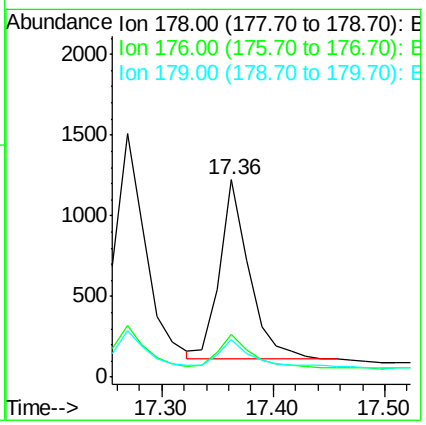


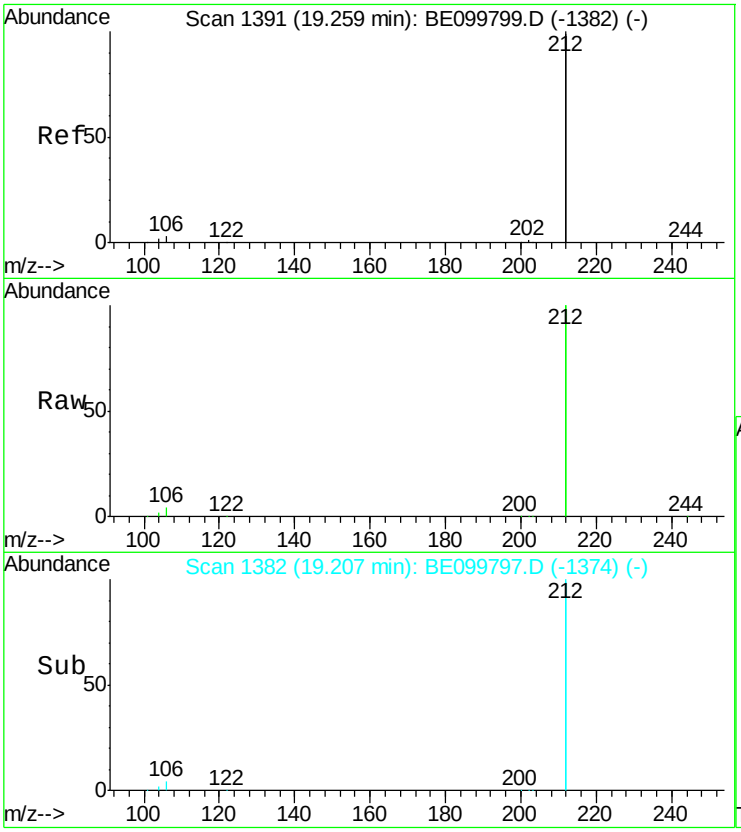


#24
Anthracene
Concen: 0.091 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:178 Resp: 2079

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	16.2	12.1	18.1



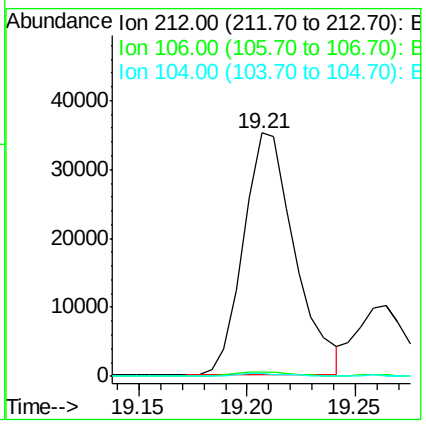


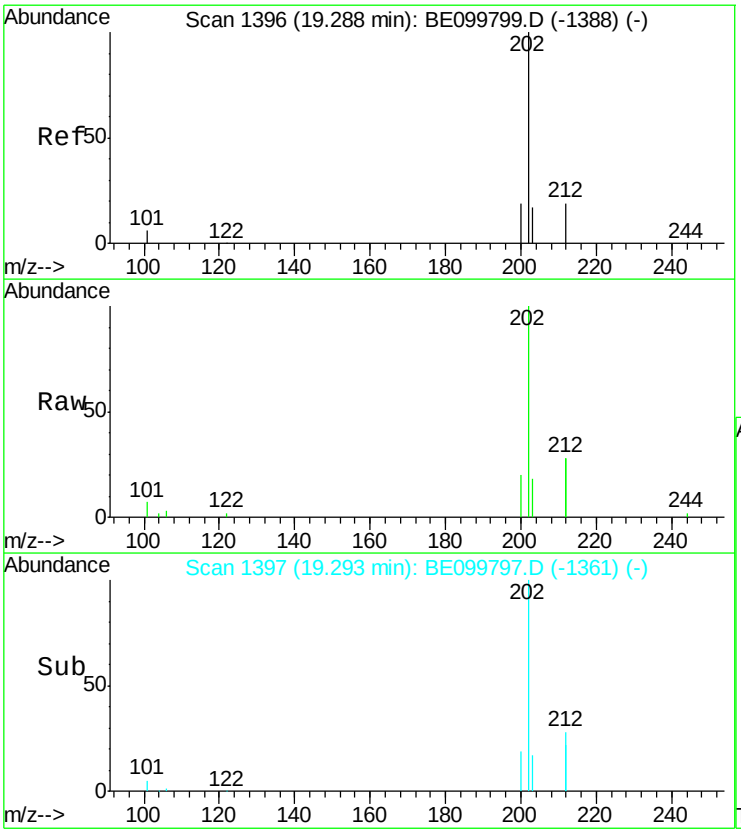
#25
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.21 min Scan# 1382
Delta R.T. -0.05 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 58271

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	0.9	0.8	1.2

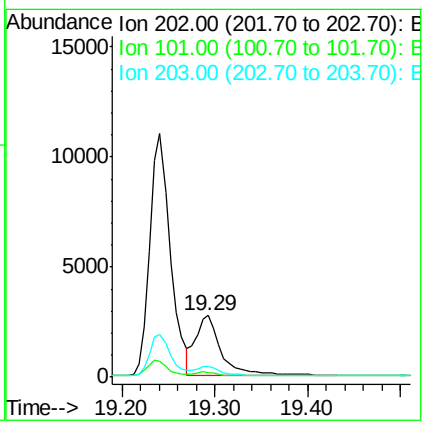


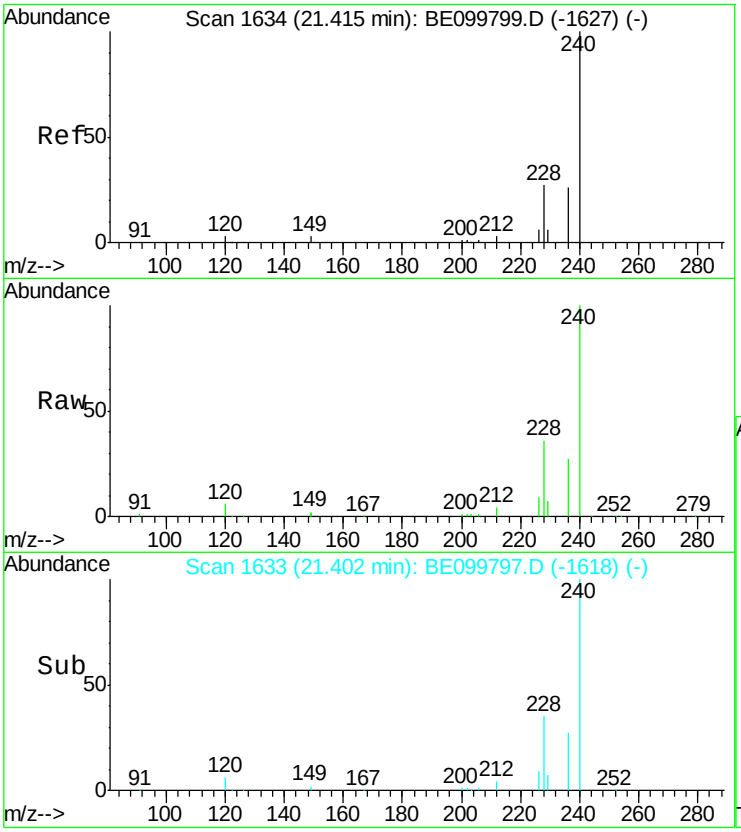


#26
Fluoranthene
Concen: 0.132 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:202 Resp: 5284

Ion	Ratio	Lower	Upper
202	100		
101	5.6	5.2	7.8
203	15.6	13.6	20.4



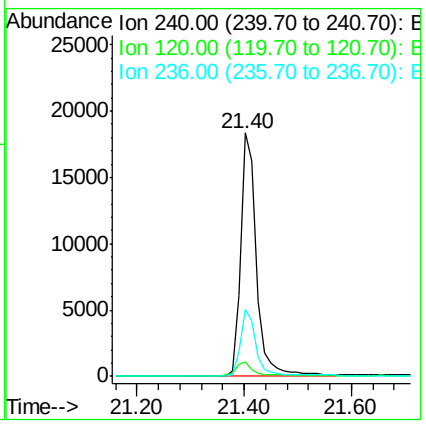


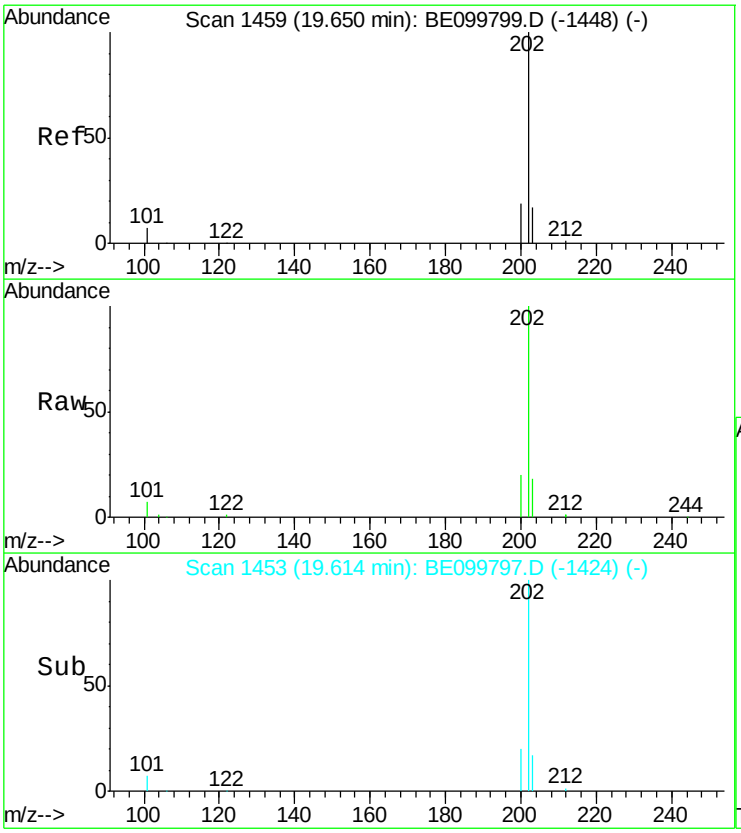
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 37316

Ion	Ratio	Lower	Upper
240	100		
120	6.1	2.8	4.2#
236	27.5	20.9	31.3

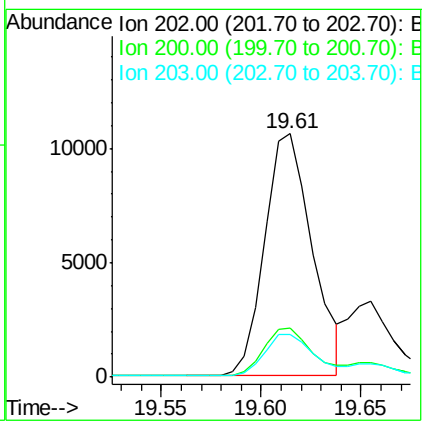


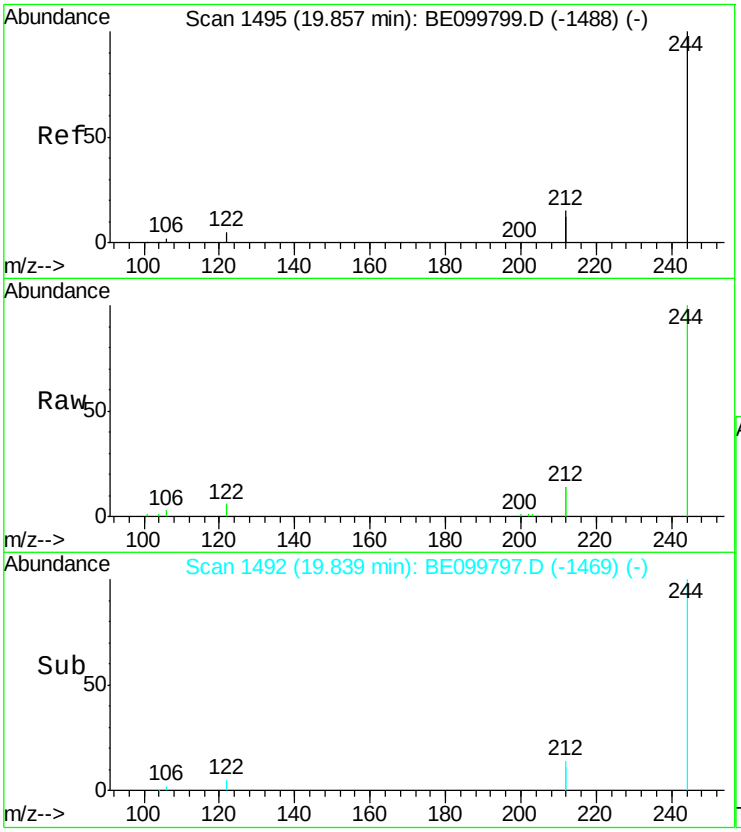


#28
Pyrene
Concen: 0.186 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.04 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:202 Resp: 17457

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	17.5	14.1	21.1



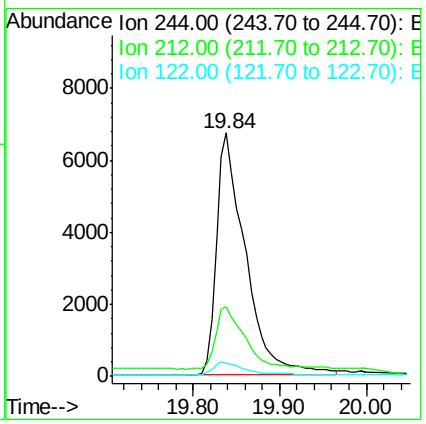


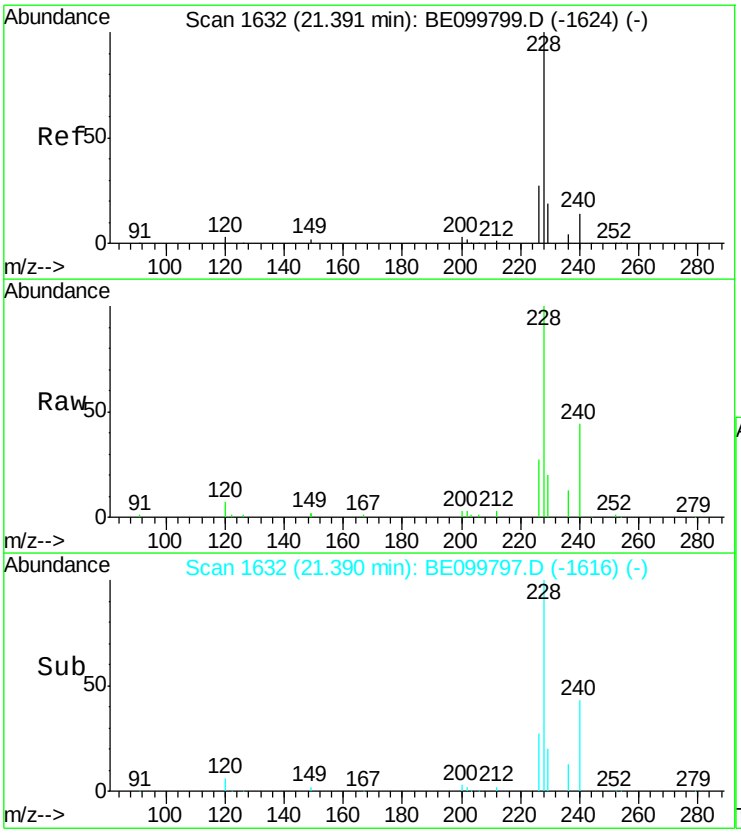
#29
Terphenyl-d14
Concen: 0.234 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 15607

Ion	Ratio	Lower	Upper
244	100		
212	28.4	23.7	35.5
122	5.5	4.8	7.2

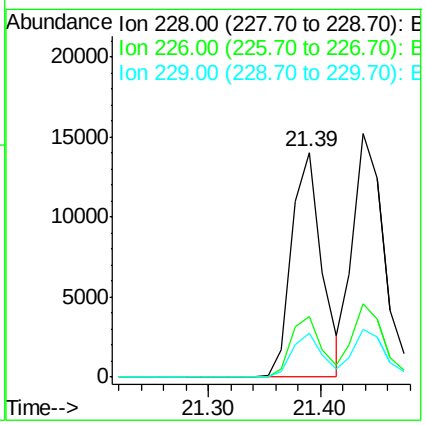


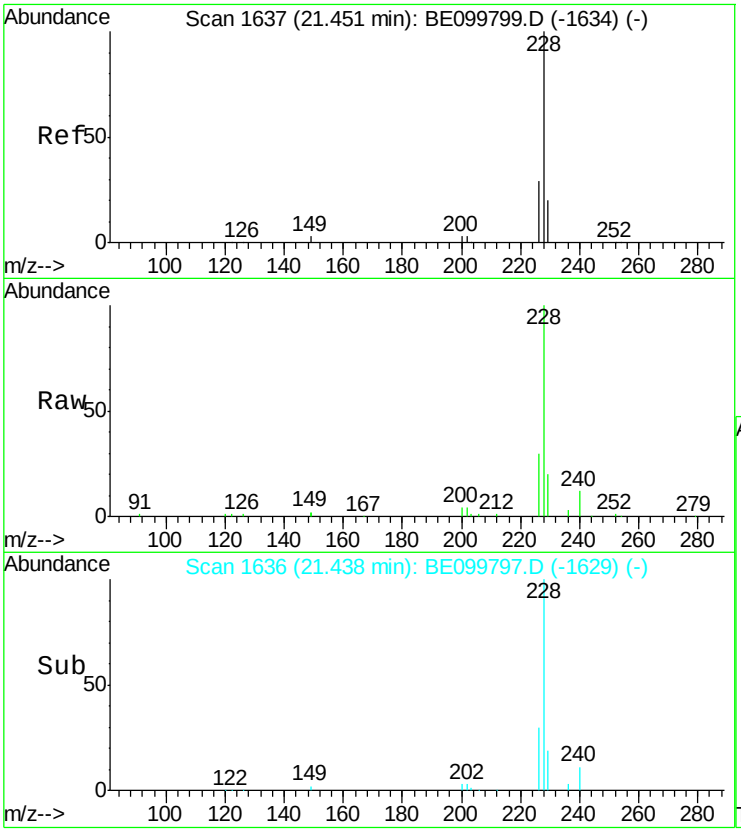


#30
Benzo(a)anthracene
Concen: 0.243 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:228 Resp: 25812

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	19.8	15.8	23.6



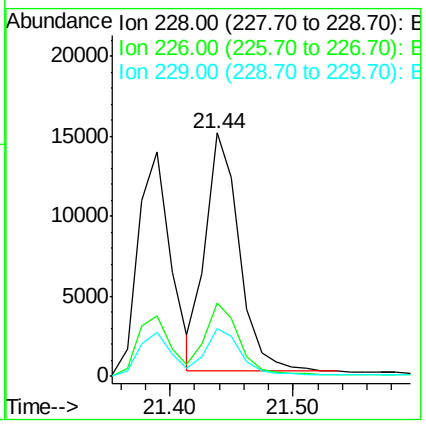


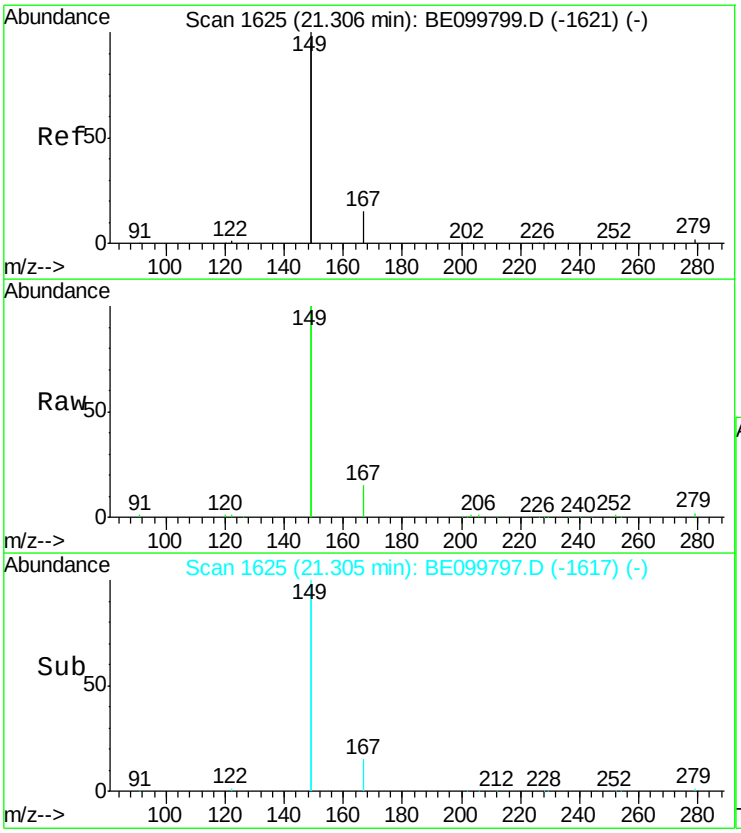
#31
Chrysene
Concen: 0.251 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 28410

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.9	34.3
229	19.5	16.4	24.6

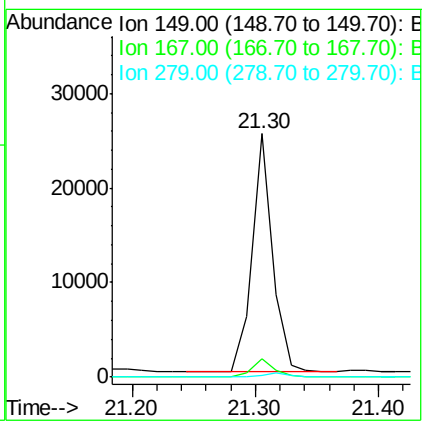


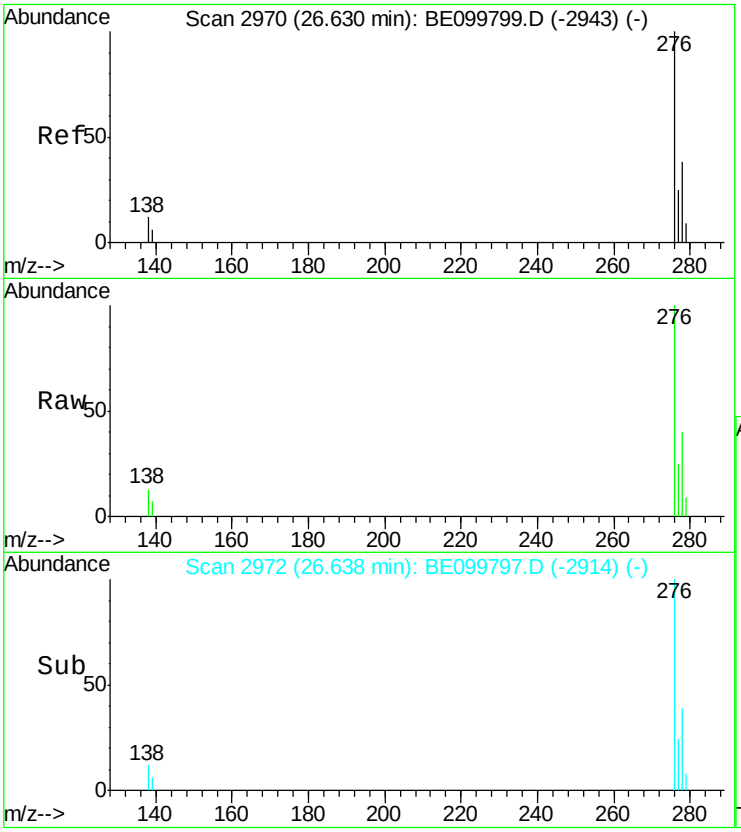


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.240 ng
RT: 21.30 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:149 Resp: 29340

Ion	Ratio	Lower	Upper
149	100		
167	7.6	6.0	9.0
279	1.4	1.2	1.8



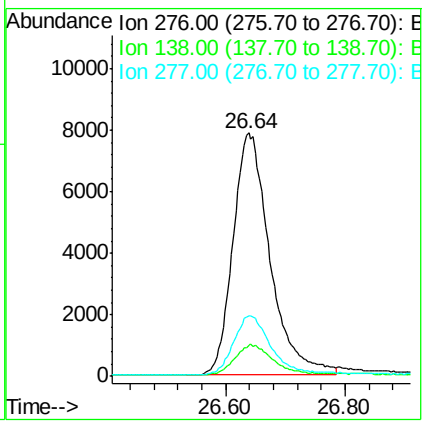


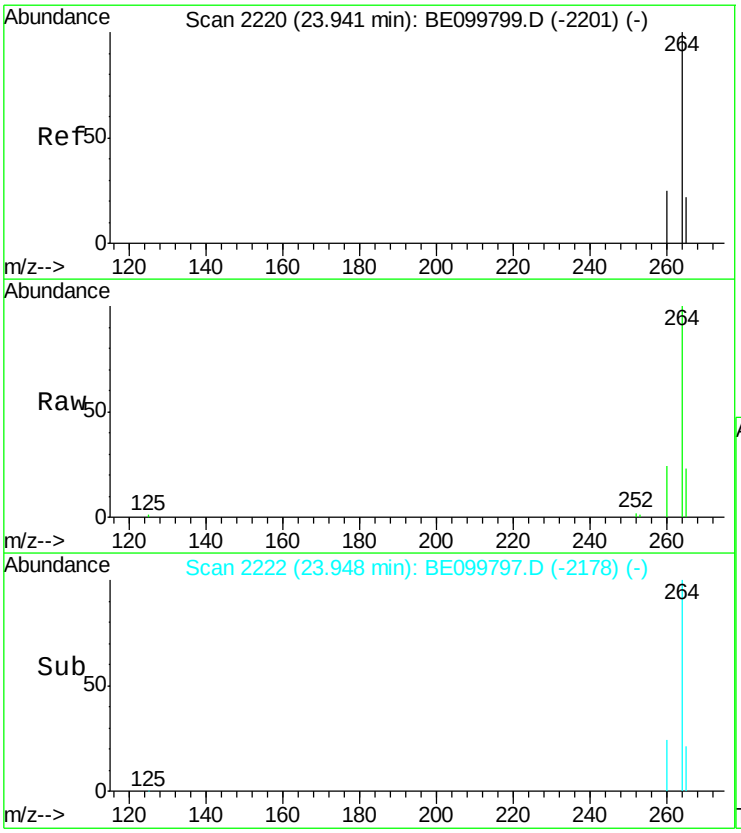
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng
RT: 26.64 min Scan# 2972
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 33804

Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.3	15.5
277	24.7	19.4	29.2

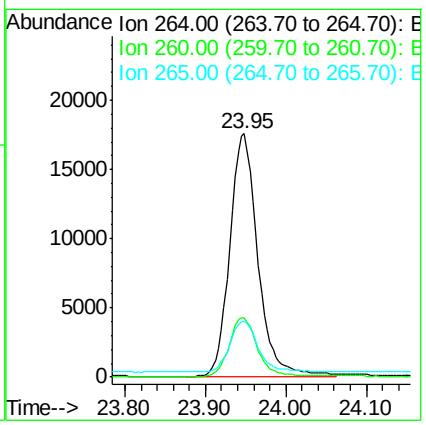


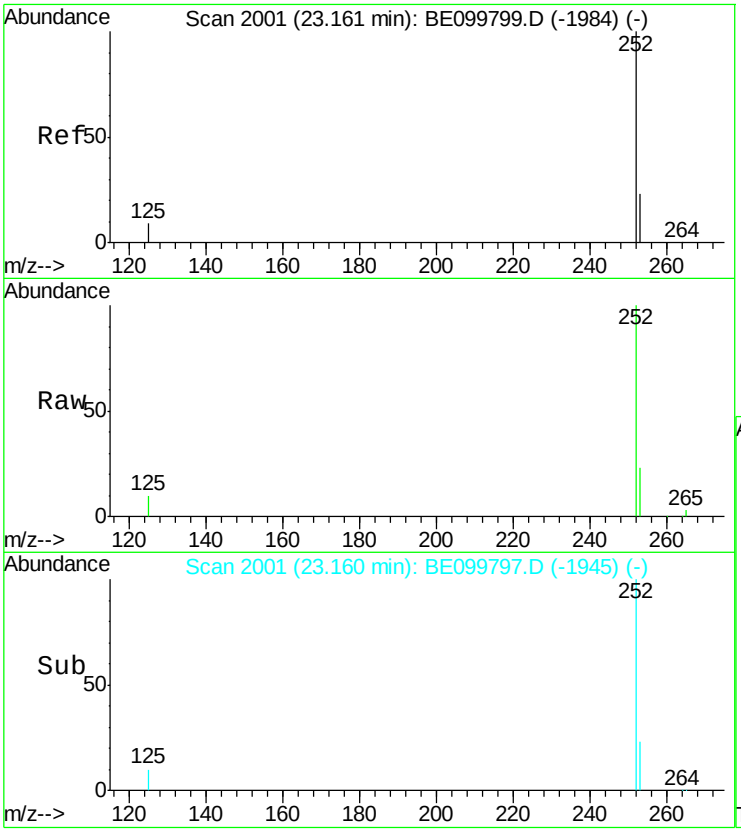


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:264 Resp: 42239

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	22.8	20.7	31.1



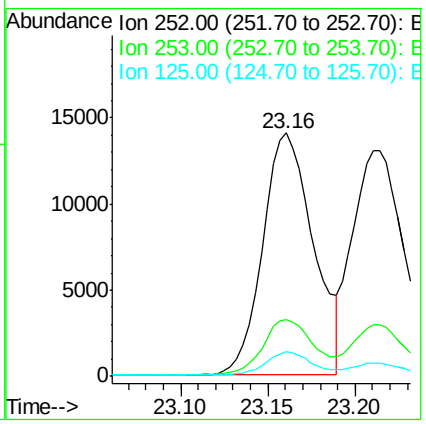


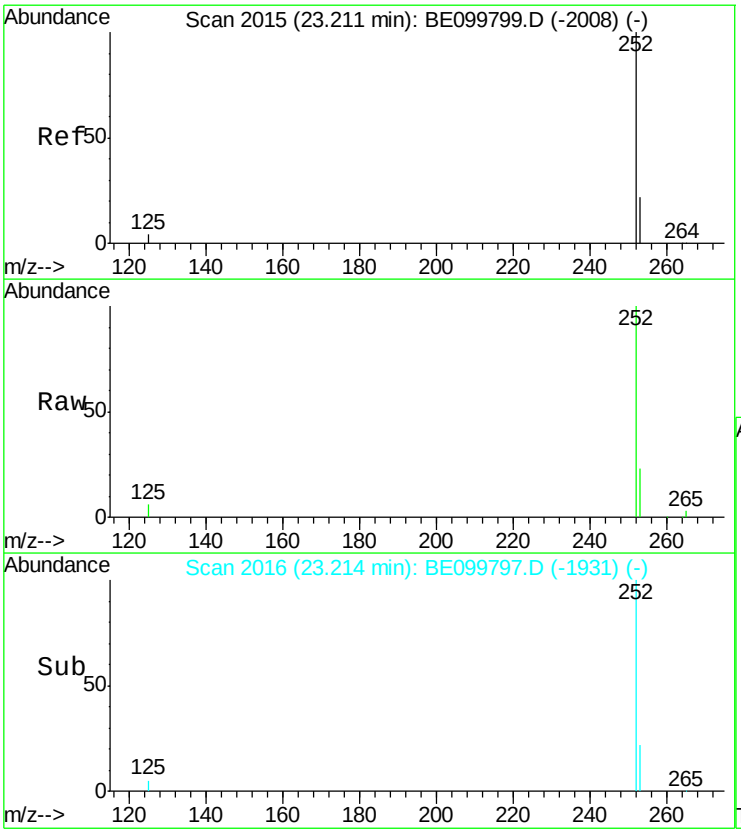
#35
Benzo(b)fluoranthene
Concen: 0.245 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 28373

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	10.2	7.6	11.4

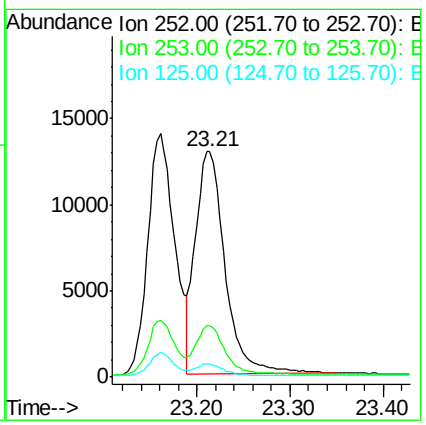


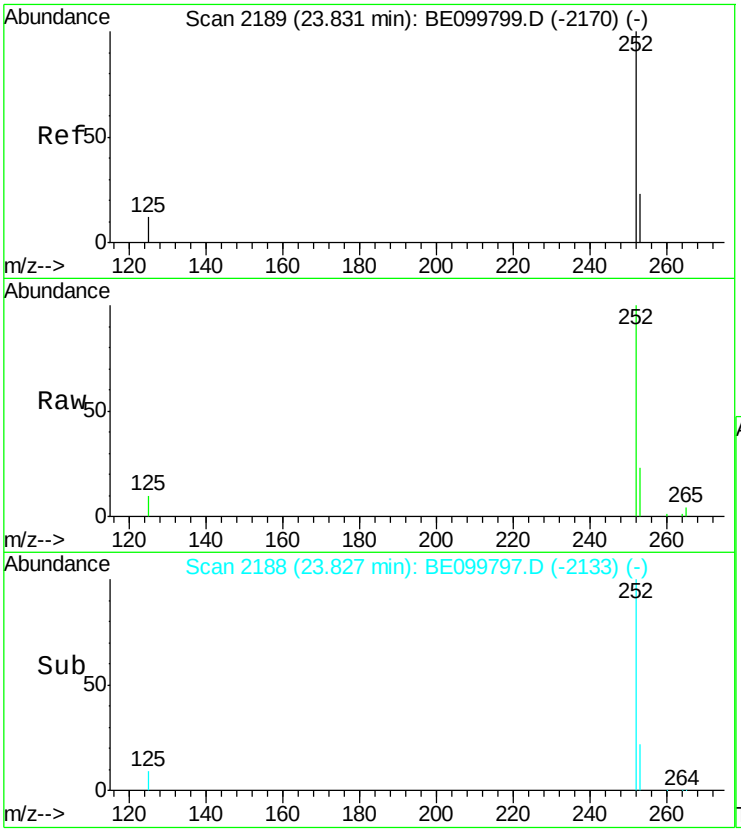


#36
Benzo(k)fluoranthene
Concen: 0.237 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:252 Resp: 28536

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	5.9	4.6	7.0



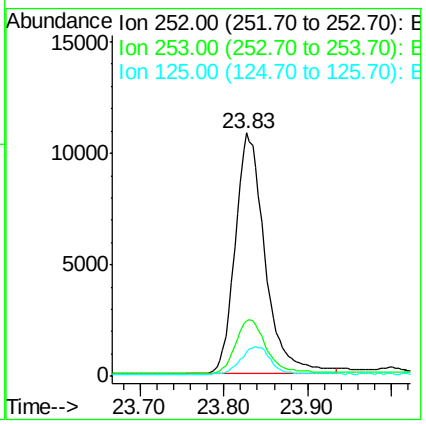


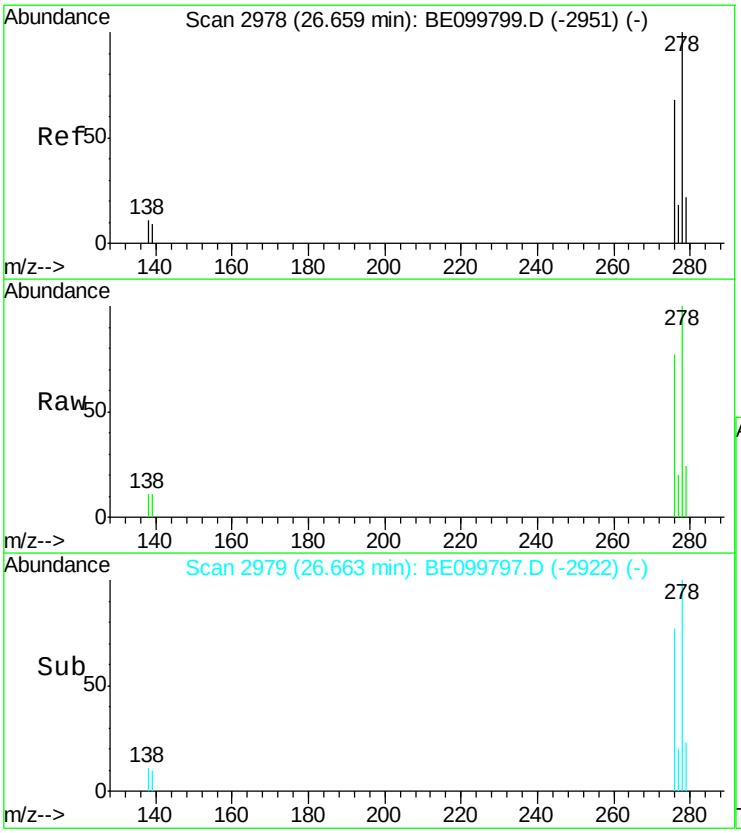
#37
Benzo(a)pyrene
Concen: 0.241 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 26825

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.3	28.9
125	10.2	10.2	15.4#

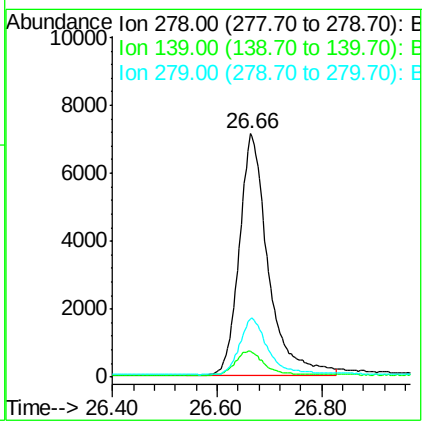


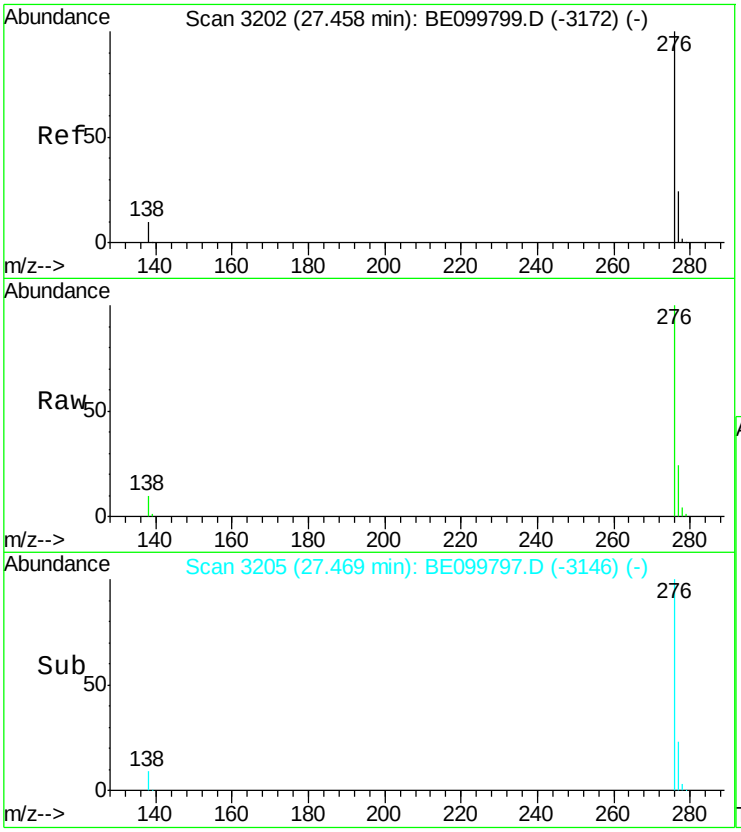


#38
Dibenzo(a,h)anthracene
Concen: 0.234 ng
RT: 26.66 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Tgt Ion:278 Resp: 27418

Ion	Ratio	Lower	Upper
278	100		
139	10.5	7.9	11.9
279	24.0	18.5	27.7





#39
Benzo(g,h,i)perylene
Concen: 0.240 ng
RT: 27.47 min Scan# 3205
Delta R.T. 0.01 min
Lab File: BE099797.D
Acq: 5 Jun 2019 9:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 28323

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	10.1	9.0	13.4