Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
Data File : BE099077.D
Acq On : 22 Mar 2019 12:05
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Mar 22 13:37:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3830	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	15189	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	10098	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	29581	0.40	ng		0.00
27) Chrysene-d12	21.39	240	36958	0.40	ng		0.00
34) Perylene-d12	23.90	264	36960	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4059	0.35	ng		0.00
5) Phenol-d6	6.99	99	5747	0.36	ng		0.00
8) Nitrobenzene-d5	8.99	82	2119	0.13	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	9599	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	921	0.18	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	14707	0.35	ng		0.00
25) Fluoranthene-d10	19.24	212	136710	0.29	ng		0.00
29) Terphenyl-d14	19.84	244	27507	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	2017	0.267	ng		90
3) n-Nitrosodimethylamine	3.68	42	997	0.103	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	4769	0.382	ng		100
9) Naphthalene	10.68	128	63342	0.364	ng		100
10) Hexachlorobutadiene	10.97	225	3152	0.274	ng		100
12) 2-Methylnaphthalene	12.31	142	10589	0.375	ng		100
16) Acenaphthylene	14.21	152	18240	0.351	ng		100
17) Acenaphthene	14.54	154	10930	0.355	ng		99
18) Fluorene	15.51	166	16051	0.361	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	5571	0.347	ng		100
21) Hexachlorobenzene	16.52	284	5113	0.268	ng		100
22) Pentachlorophenol	16.87	266	1236	0.319	ng		100
23) Phenanthrene	17.25	178	29675	0.353	ng		100
24) Anthracene	17.35	178	27622	0.384	ng		100
26) Fluoranthene	19.28	202	41212	0.347	ng		100
28) Pyrene	19.63	202	42389	0.375	ng		100
30) Benzo(a)anthracene	21.37	228	44195	0.383	ng		100
31) Chrysene	21.43	228	43690	0.354	ng		100
32) Bis(2-ethylhexyl)phthalate	21.31	149	47755	0.195	ng		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	47100	0.362	ng		100
35) Benzo(b)fluoranthene	23.13	252	42350	0.348	ng		100
36) Benzo(k)fluoranthene	23.18	252	41910	0.329	ng		100
37) Benzo(a)pyrene	23.79	252	38903	0.334	ng		100
38) Dibenzo(a,h)anthracene	26.60	278	37792	0.343	ng		100
39) Benzo(g,h,i)perylene	27.39	276	39389	0.342	ng		100

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

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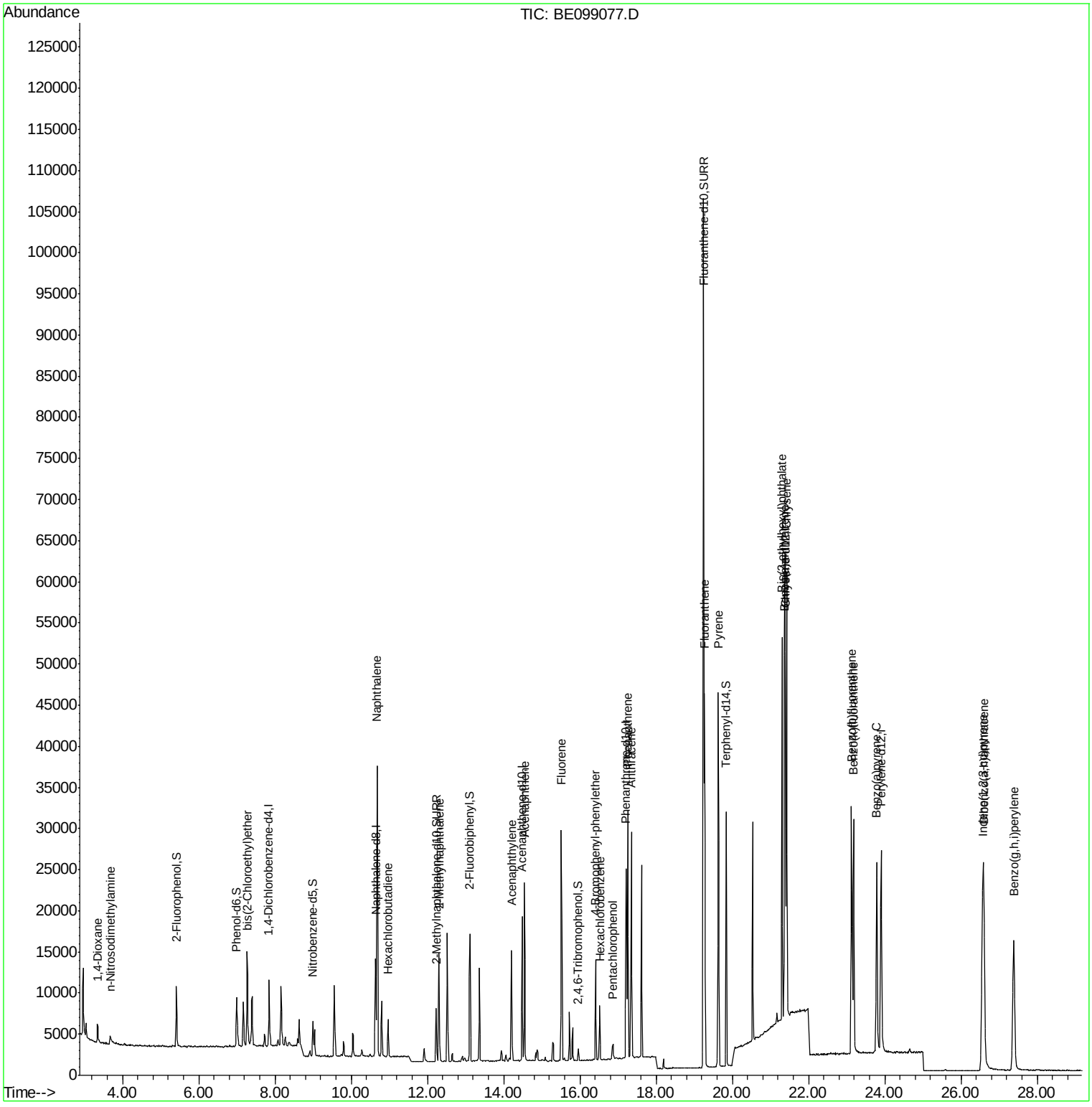
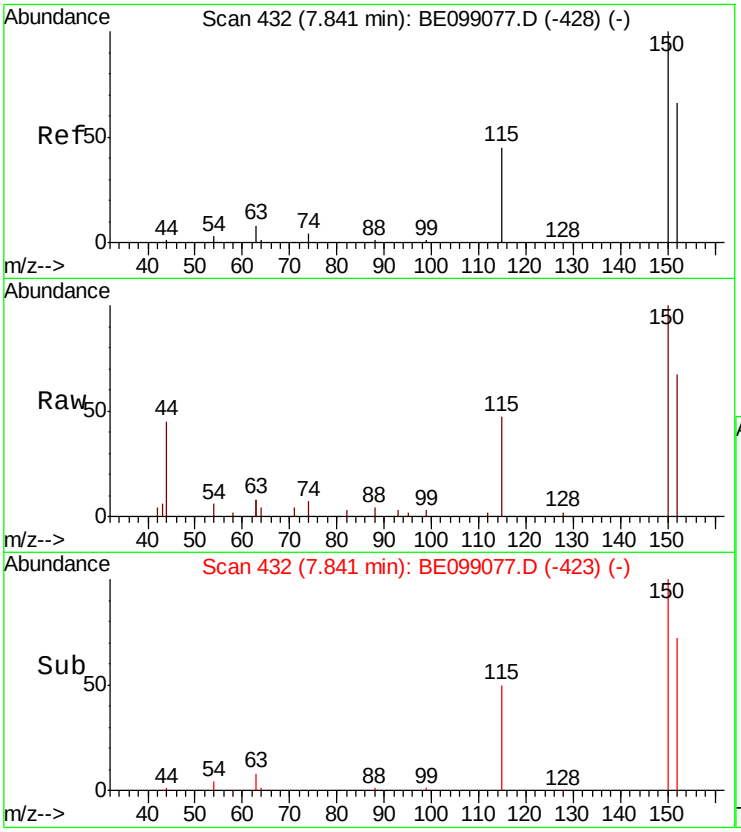
Acq On : 22 Mar 2019 12:05
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Mar 22 13:37:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration



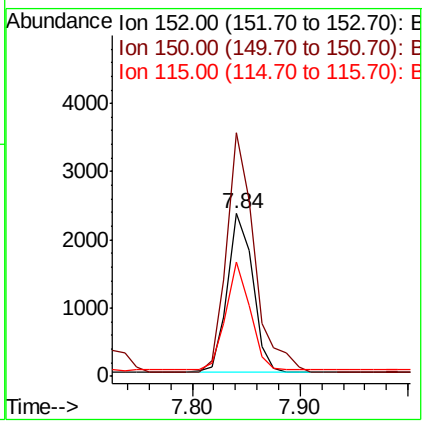


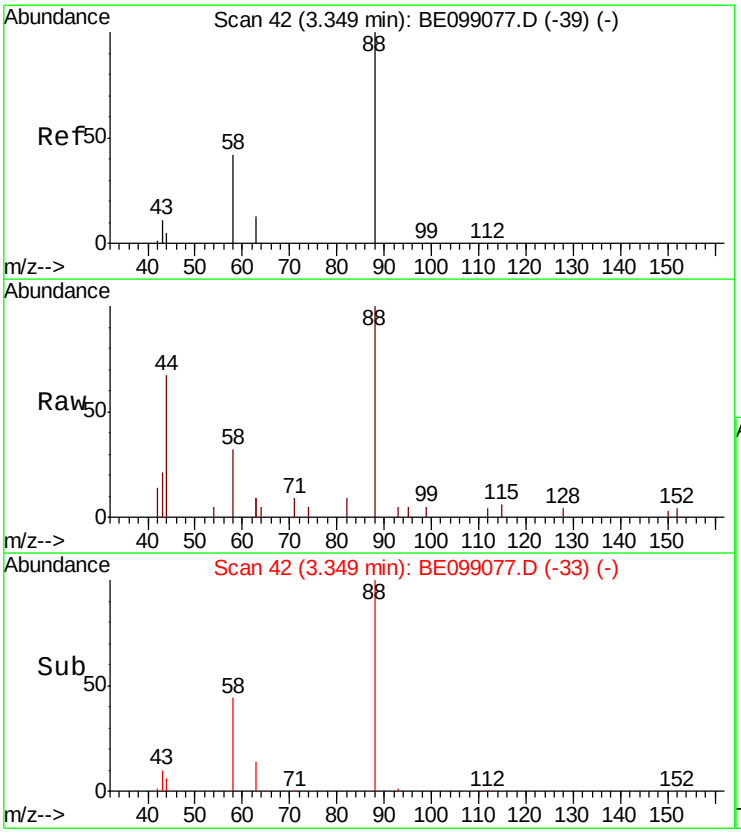
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3830

Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.7	179.5
115	70.6	56.5	84.7

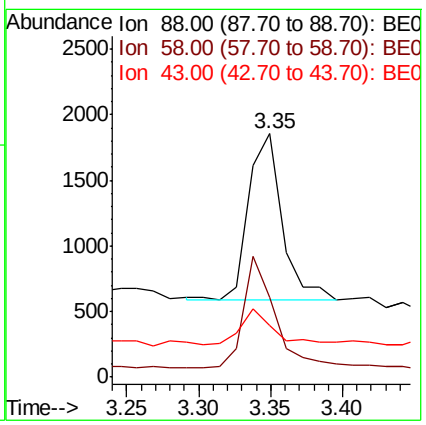


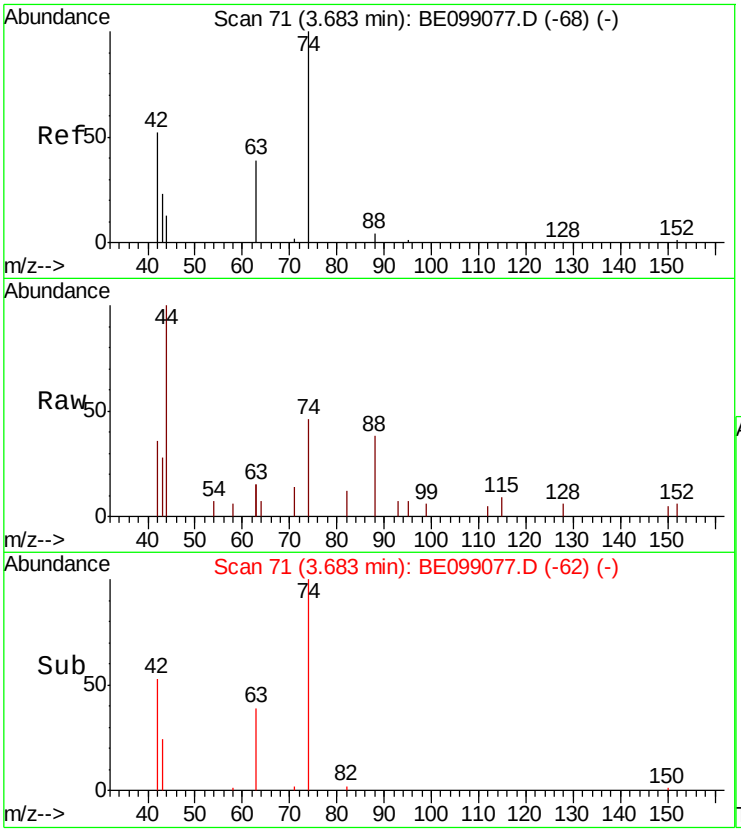


#2
1,4-Dioxane
Concen: 0.267 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion: 88 Resp: 2017

Ion	Ratio	Lower	Upper
88	100		
58	64.8	45.5	68.3
43	21.9	14.9	22.3



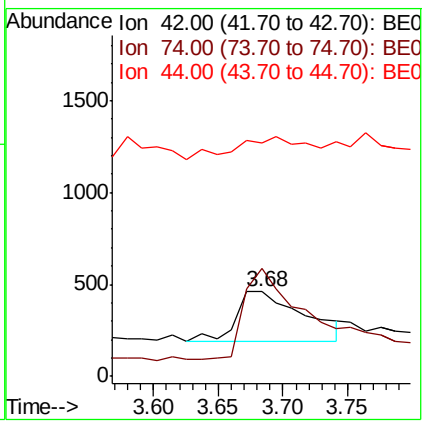


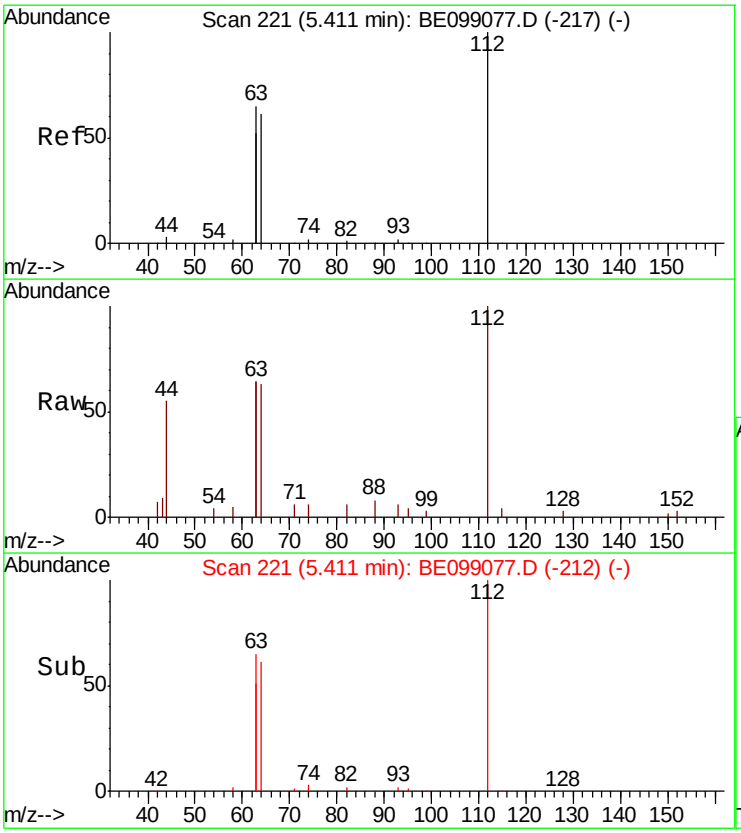
#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.68 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 997

Ion	Ratio	Lower	Upper
42	100		
74	153.4	0.0	0.0#
44	48.1	0.0	0.0#

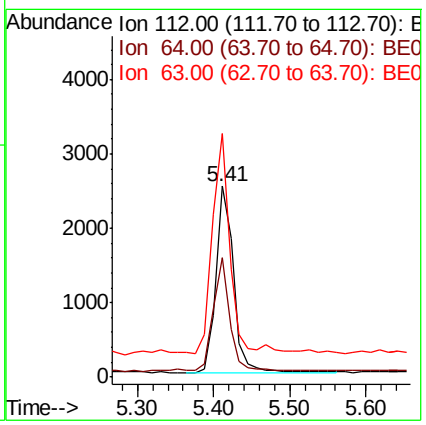


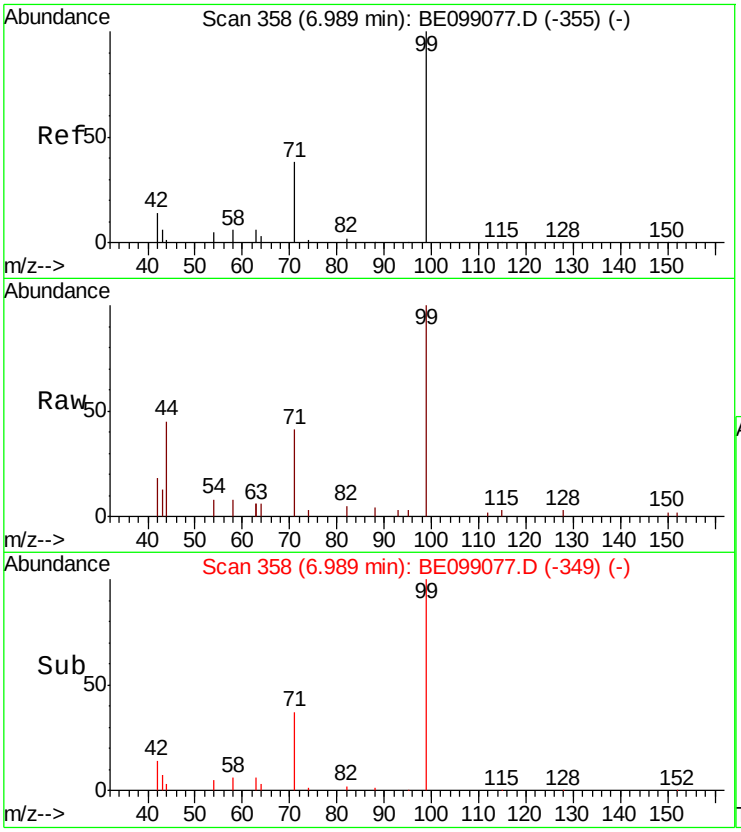


#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:112 Resp: 4059

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.8	67.2
63	110.2	88.2	132.2



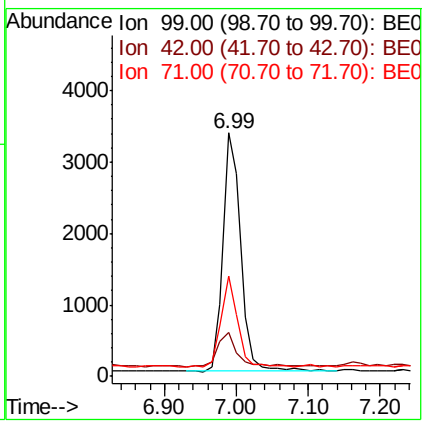


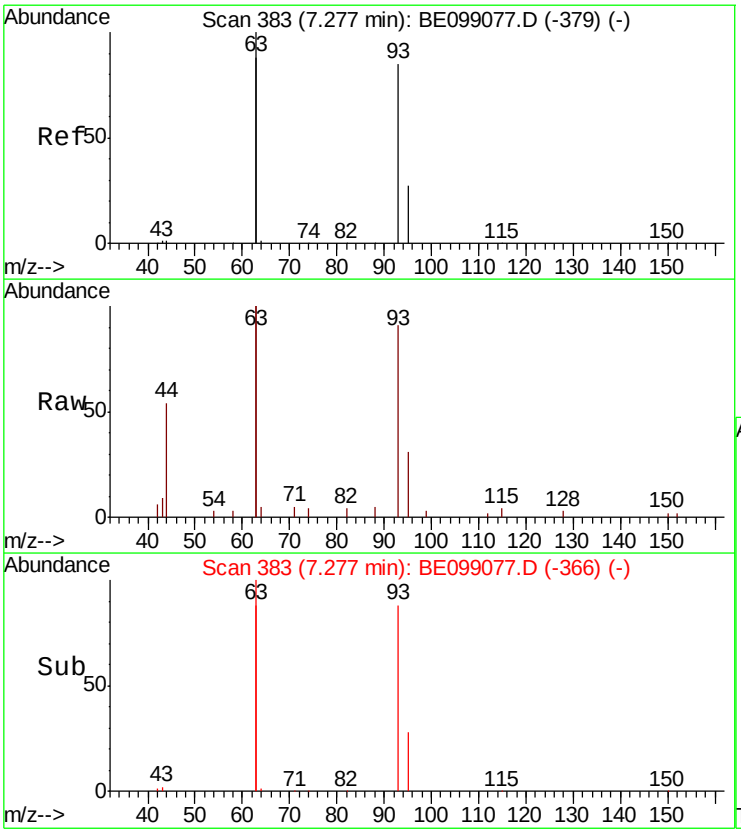
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 5747

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.8	17.8
71	36.3	27.4	41.2

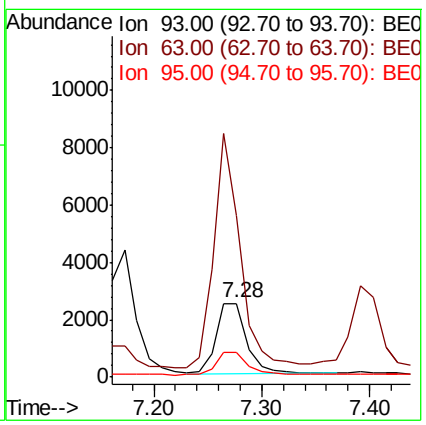


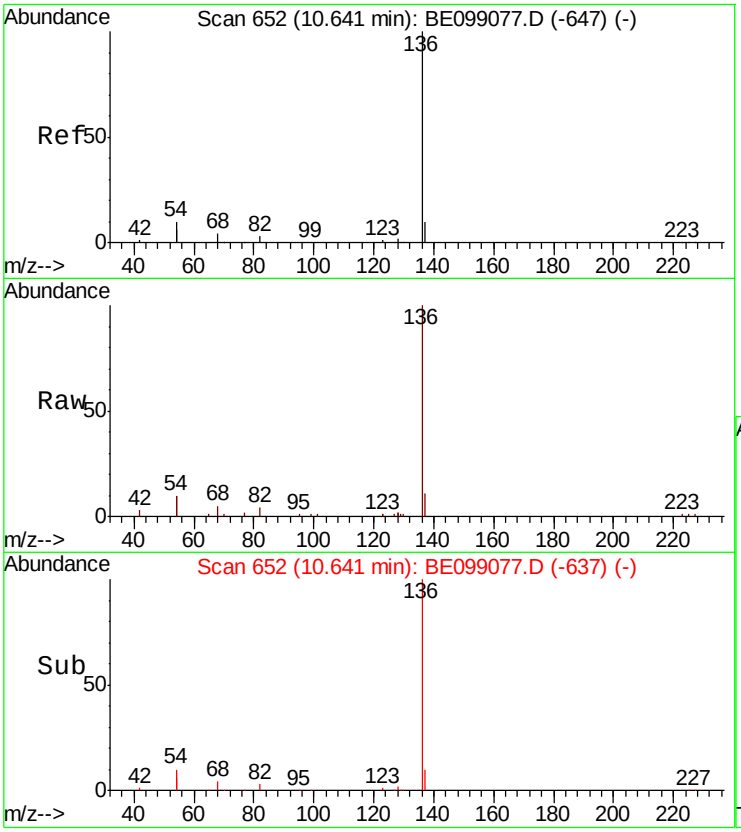


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion: 93 Resp: 4769

Ion	Ratio	Lower	Upper
93	100		
63	288.3	230.3	345.5
95	34.4	27.4	41.2



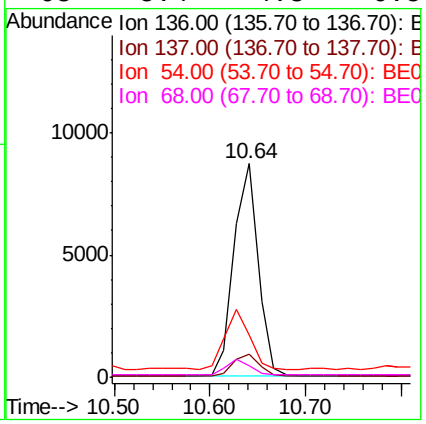


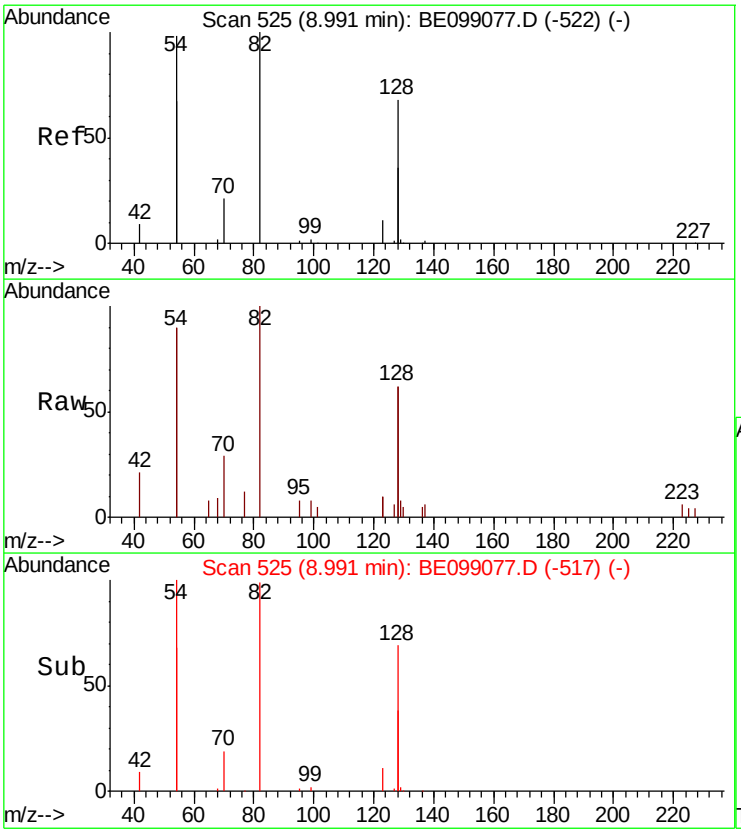
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 15189

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	19.6	15.7	23.5
68	5.4	4.3	6.5

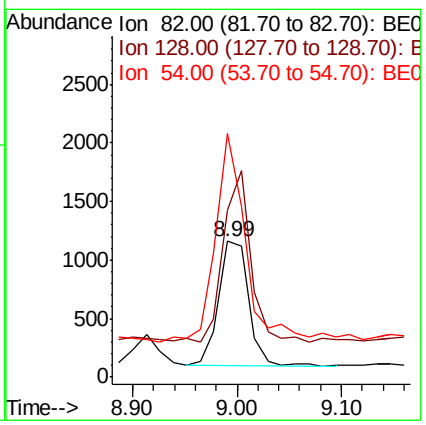


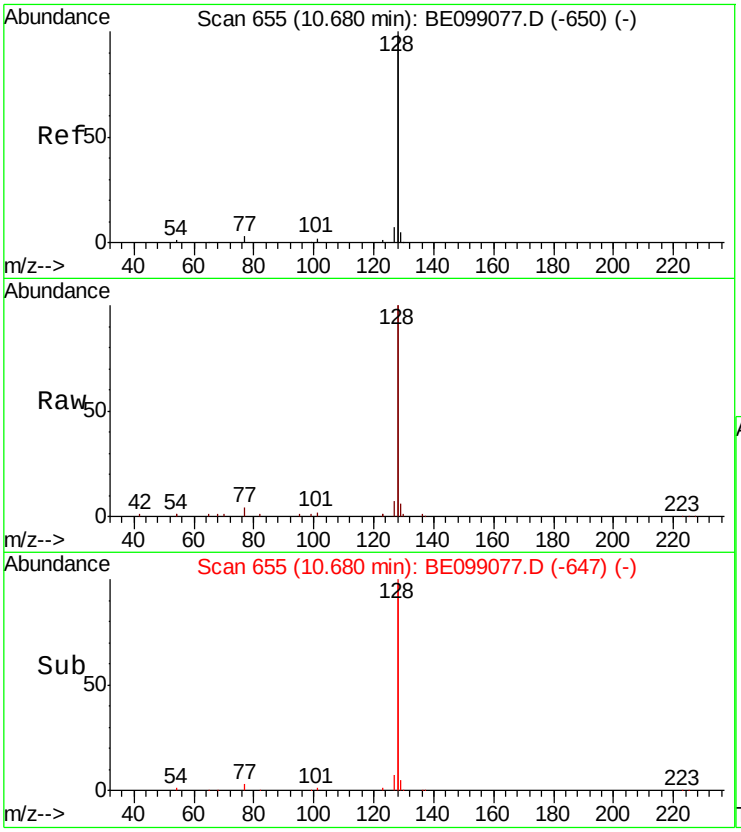


#8
Nitrobenzene-d5
Concen: 0.133 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion: 82 Resp: 2119

Ion	Ratio	Lower	Upper
82	100		
128	123.5	98.8	148.2
54	179.6	143.7	215.5



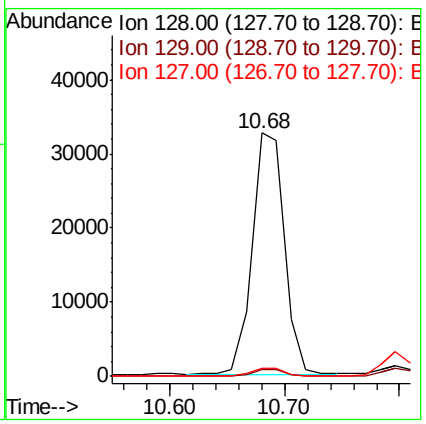


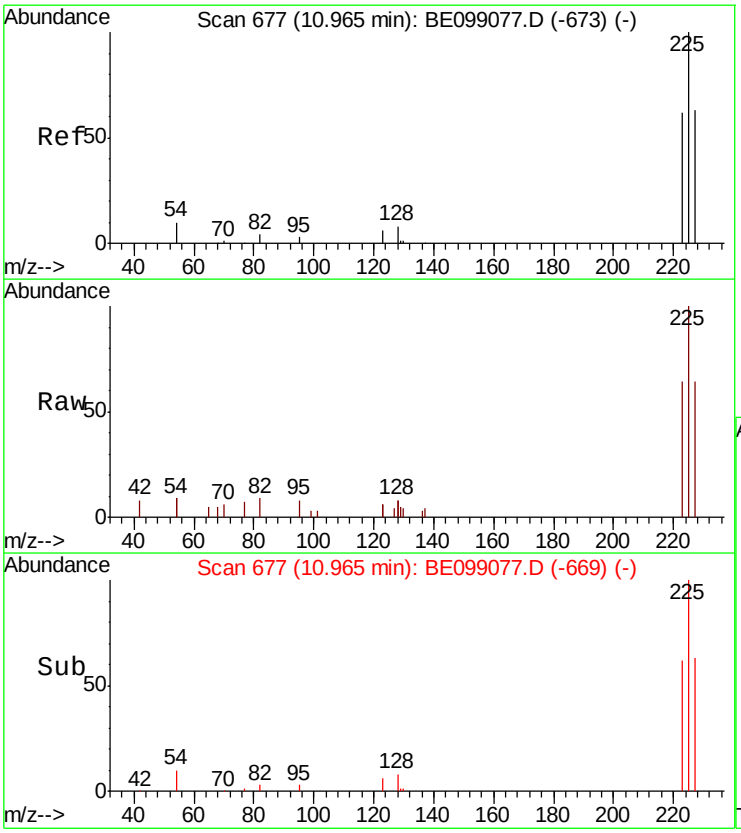
#9
Naphthalene
Concen: 0.364 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 63342

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.5	2.8	4.2

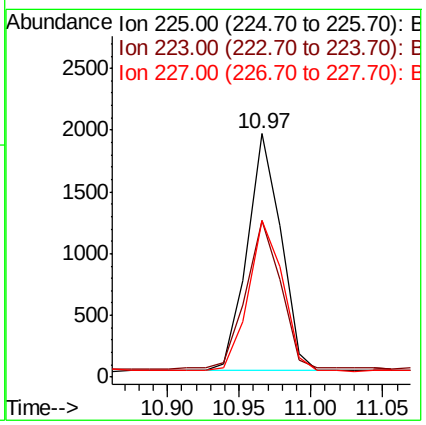


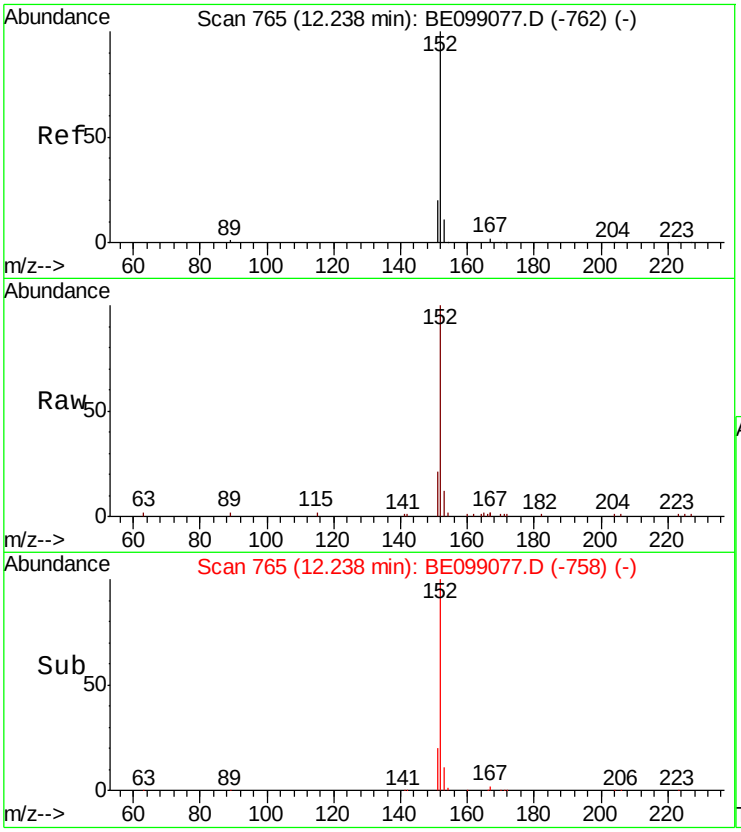


#10
Hexachlorobutadiene
Concen: 0.274 ng
RT: 10.97 min Scan# 677
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:225 Resp: 3152

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.1	76.7
227	64.3	51.4	77.2



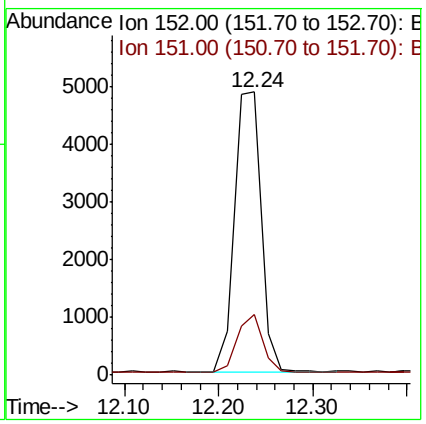


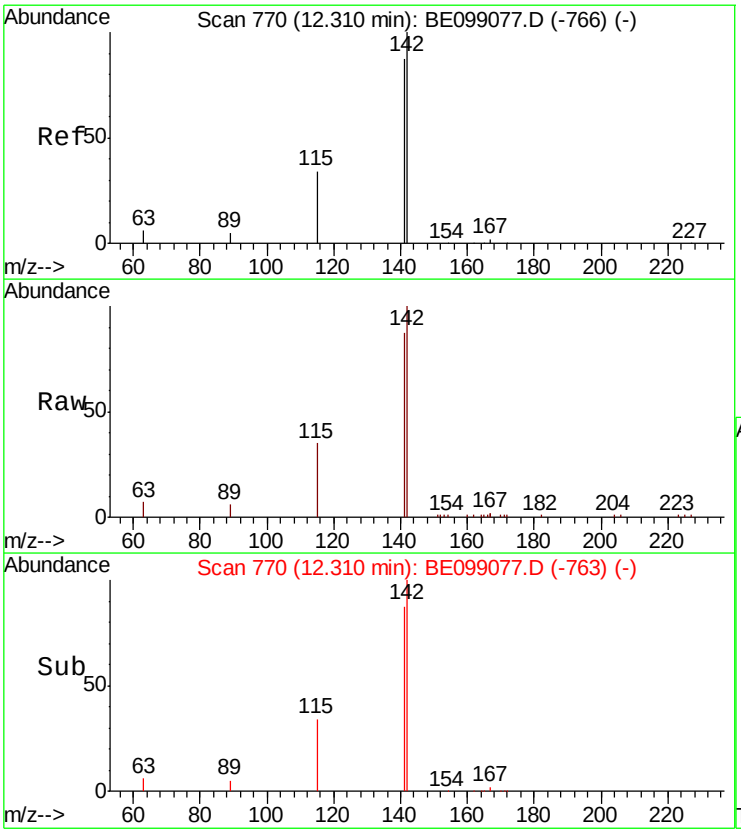
#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 9599

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5

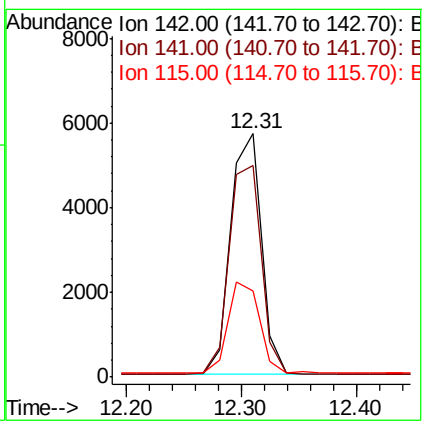


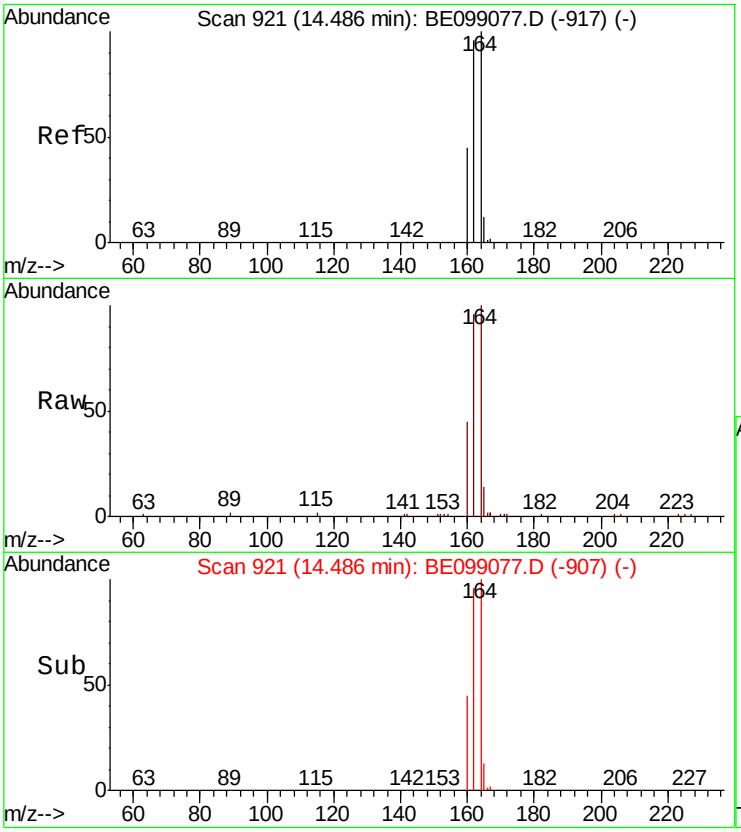


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:142 Resp: 10589

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.7	104.5
115	35.3	28.2	42.4



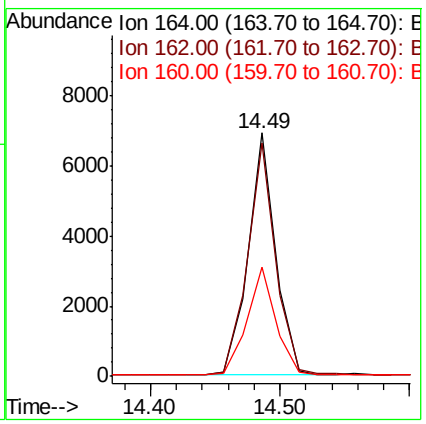


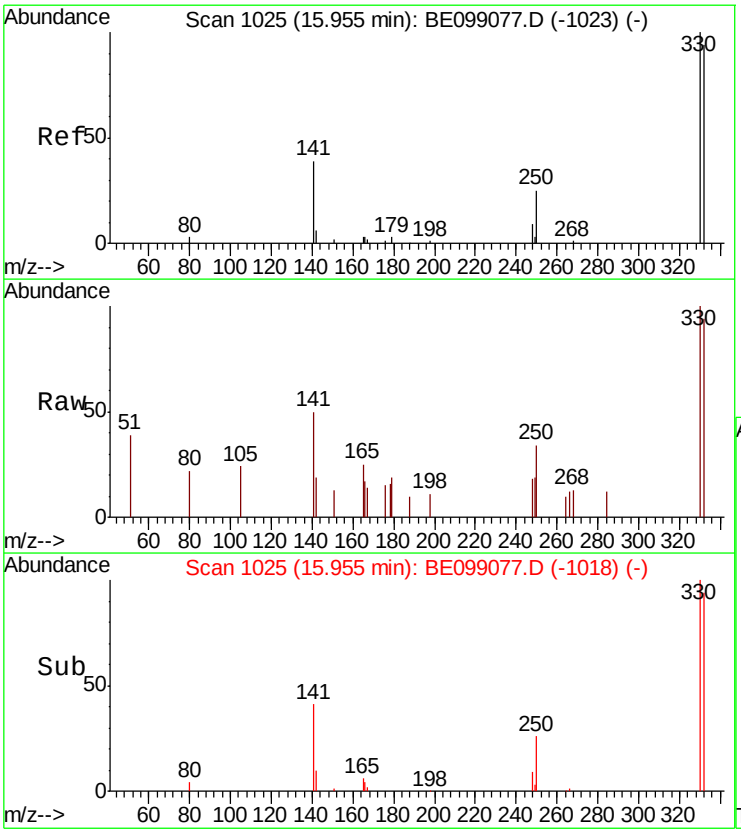
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 10098

Ion	Ratio	Lower	Upper
164	100		
162	96.0	76.8	115.2
160	45.1	36.1	54.1

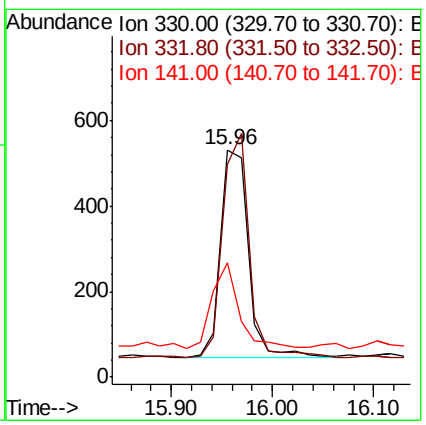


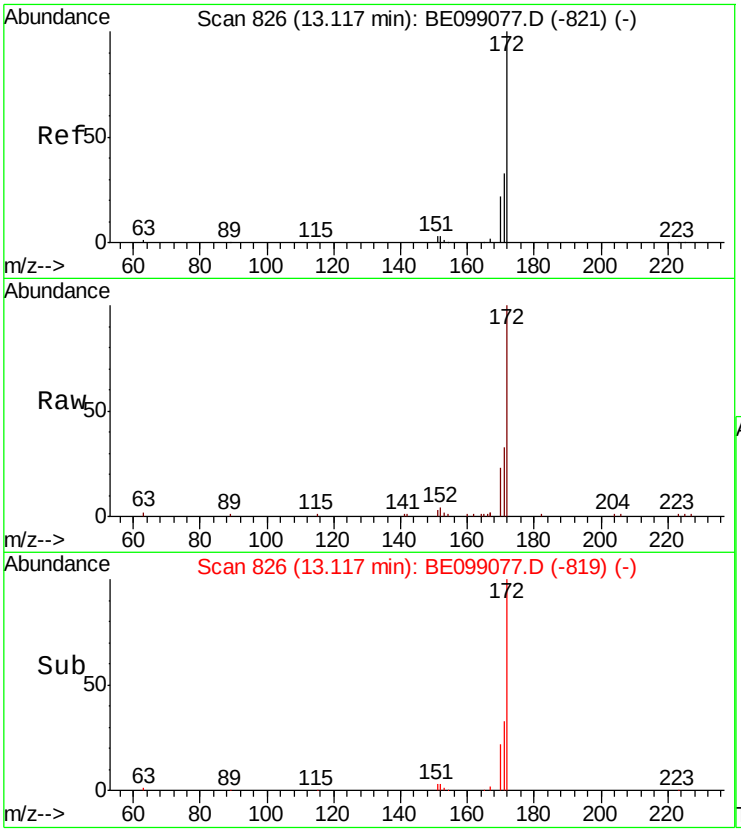


#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:330 Resp: 921

Ion	Ratio	Lower	Upper
330	100		
332	103.5	83.0	124.4
141	39.4	30.7	46.1



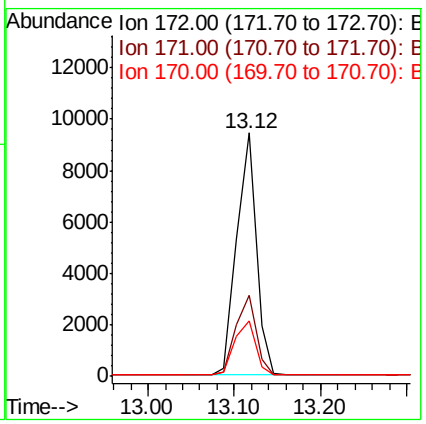


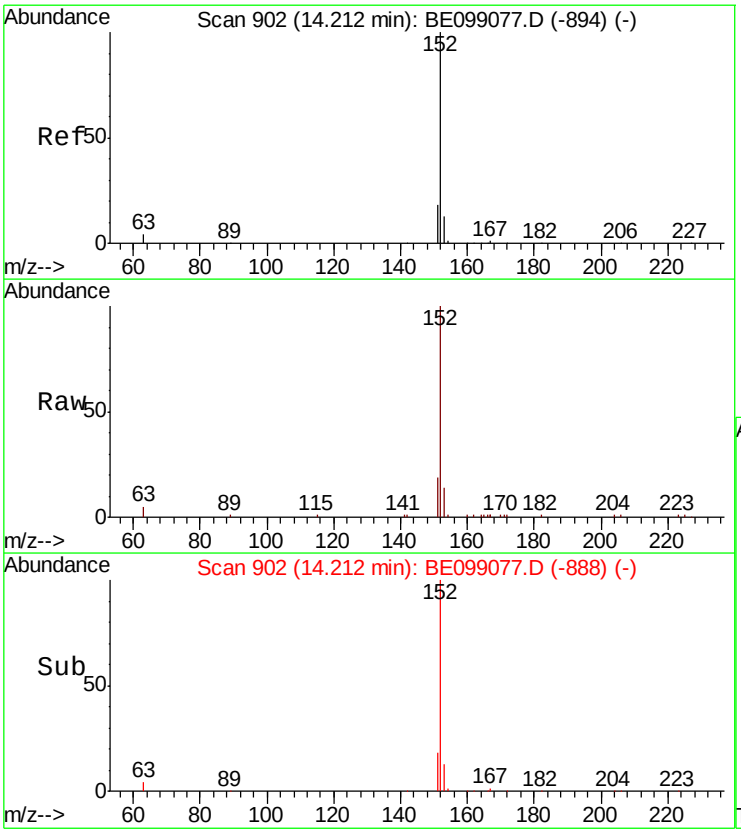
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 14707

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.7	40.1
170	22.6	18.1	27.1

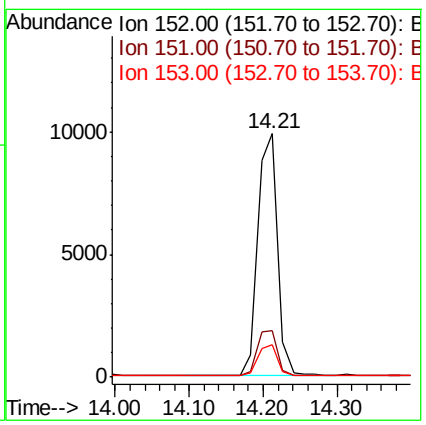


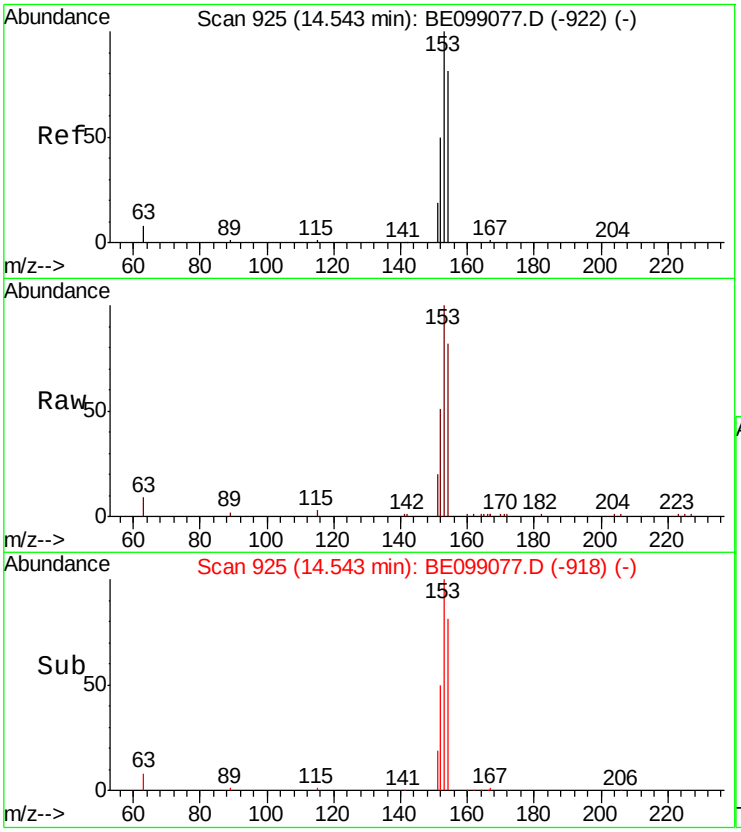


#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:152 Resp: 18240

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.8	10.2	15.4



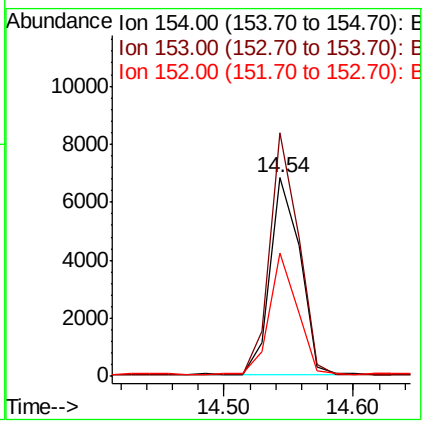


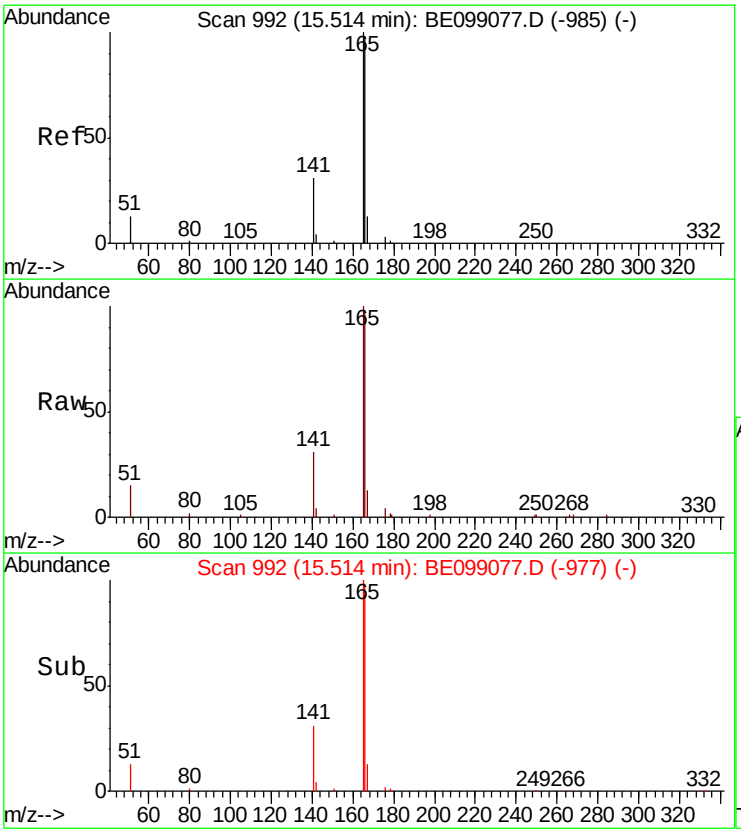
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 10930

Ion	Ratio	Lower	Upper
154	100		
153	117.7	94.9	142.3
152	56.9	45.8	68.8

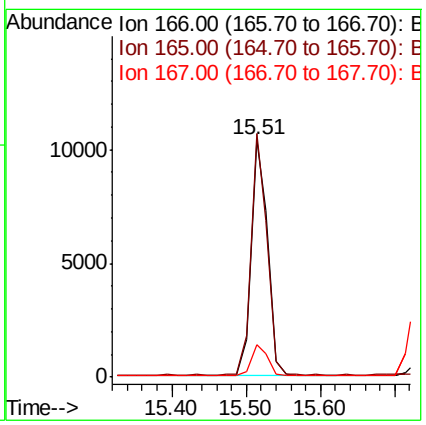


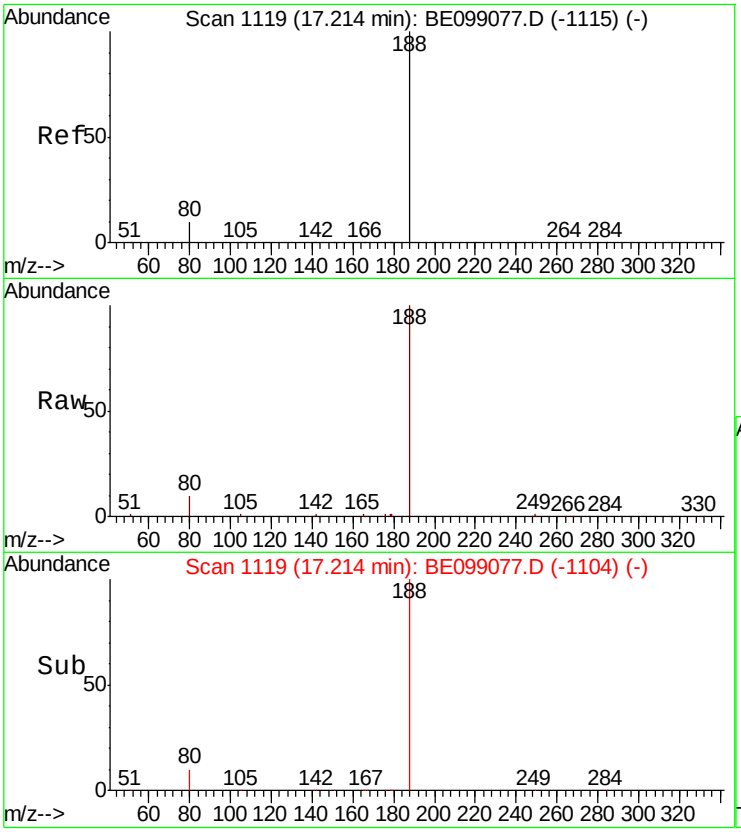


#18
Fluorene
Concen: 0.361 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:166 Resp: 16051

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.2
167	13.5	10.8	16.2



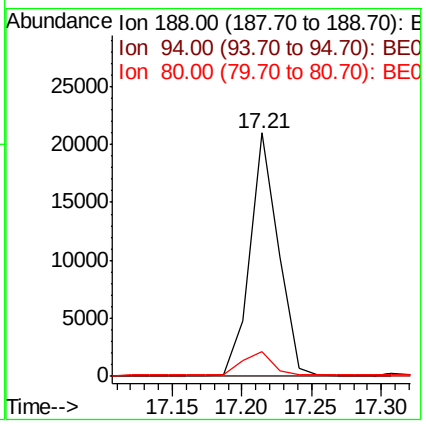


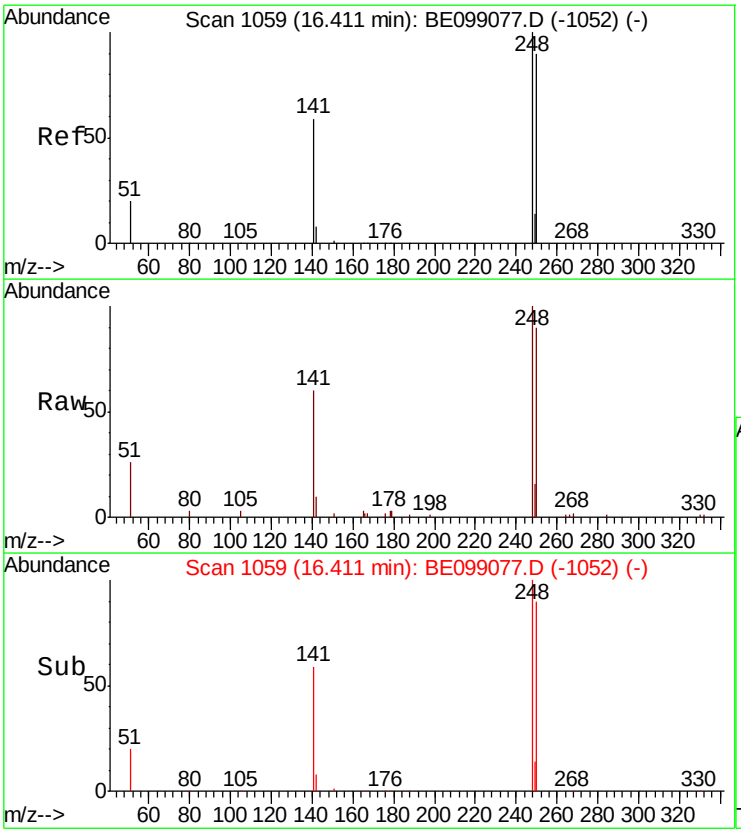
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 29581

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	8.1	12.1

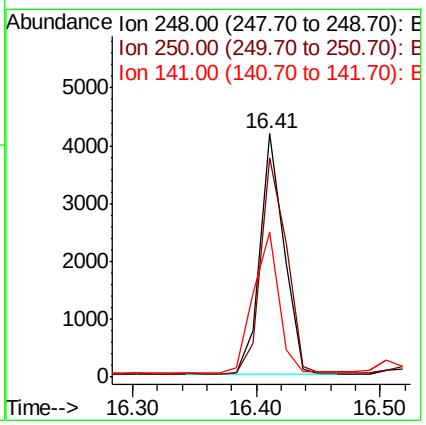


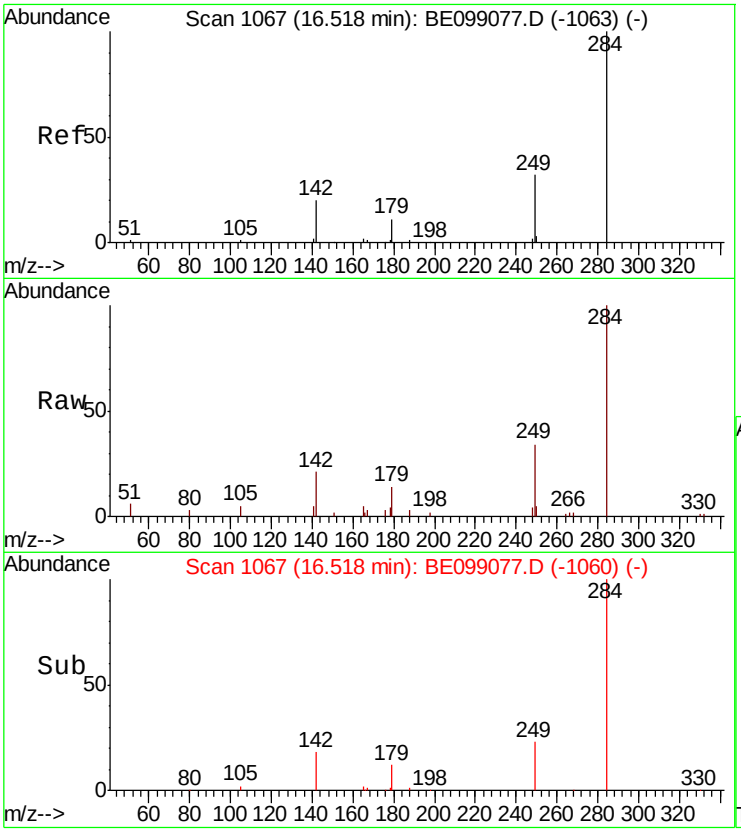


#20
4-Bromophenyl-phenylether
Concen: 0.347 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:248 Resp: 5571

Ion	Ratio	Lower	Upper
248	100		
250	90.0	72.0	108.0
141	59.8	47.8	71.8



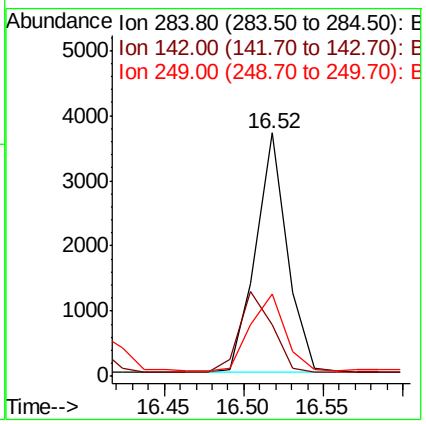


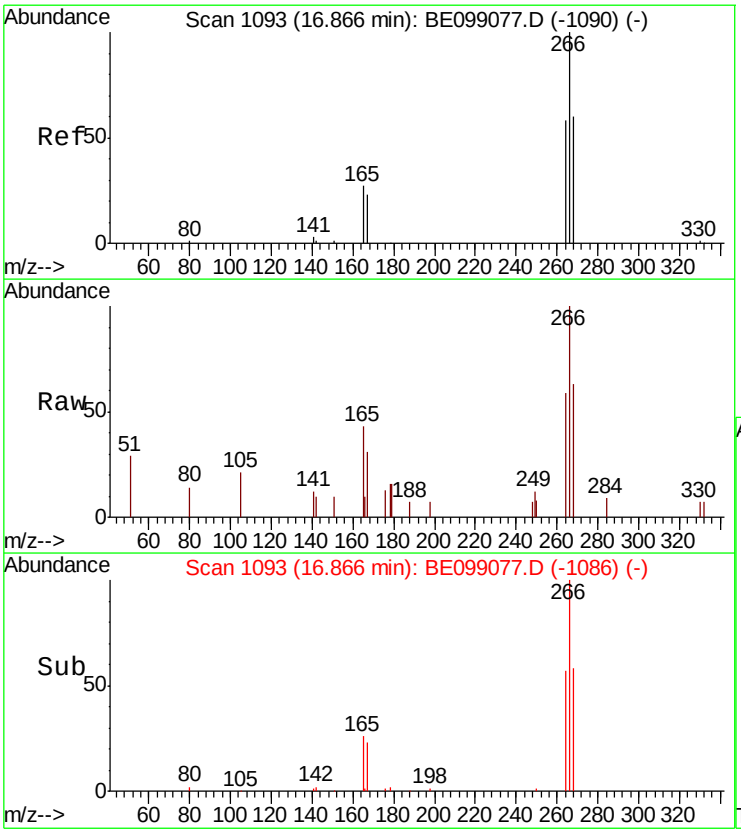
#21
Hexachlorobenzene
Concen: 0.268 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 5113

Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.5	42.7
249	35.3	28.2	42.4

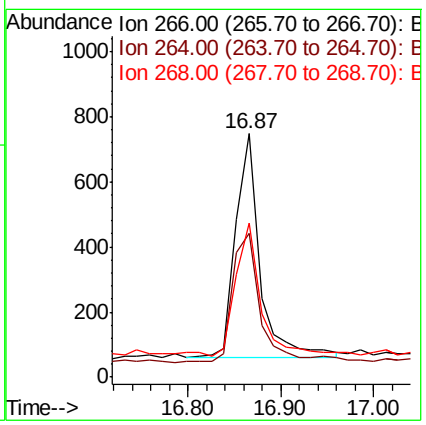


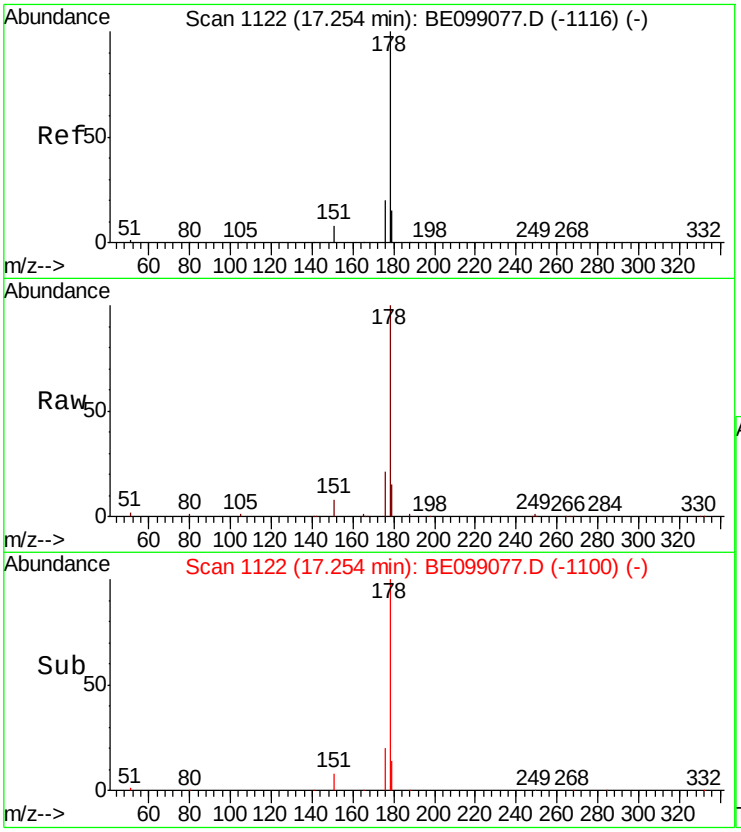


#22
Pentachlorophenol
Concen: 0.319 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:266 Resp: 1236

Ion	Ratio	Lower	Upper
266	100		
264	59.2	47.4	71.0
268	63.4	50.7	76.1



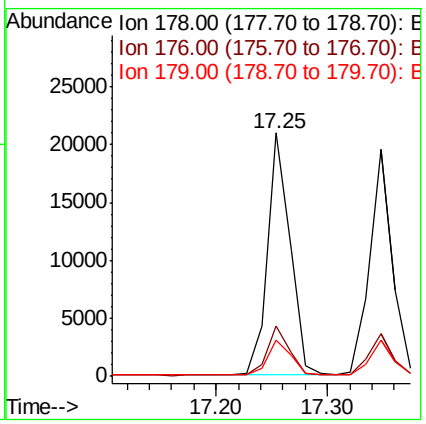


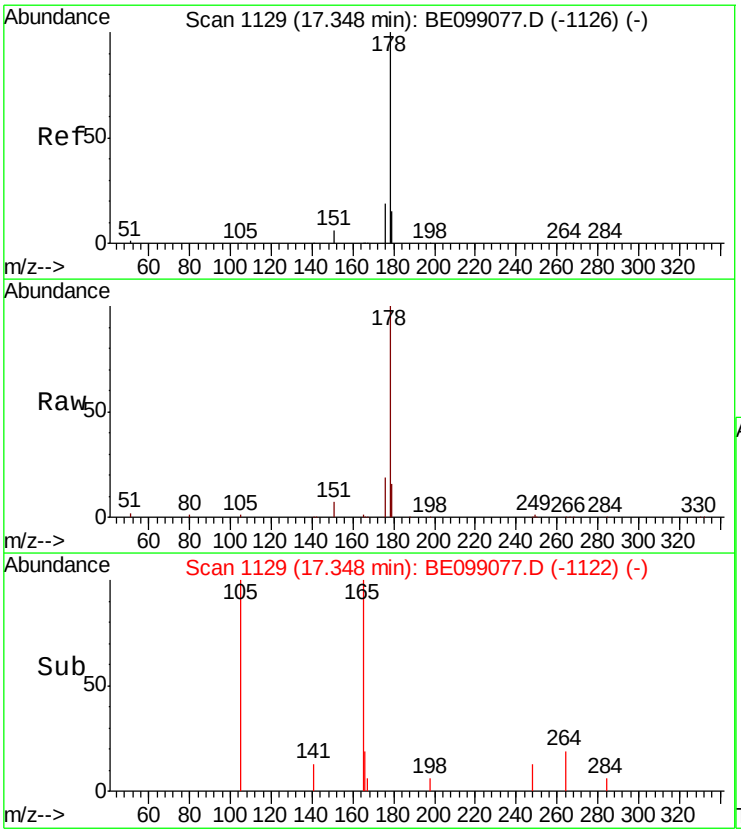
#23
Phenanthrene
Concen: 0.353 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 29675

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.1	12.1	18.1

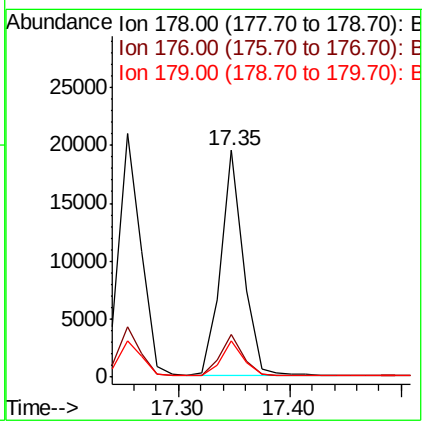


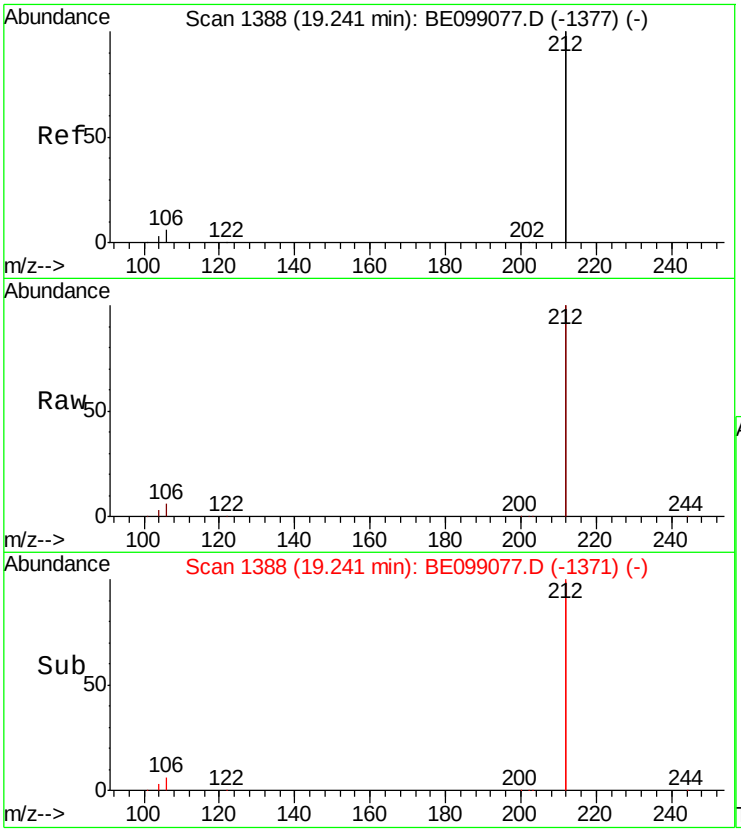


#24
Anthracene
Concen: 0.384 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:178 Resp: 27622

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6



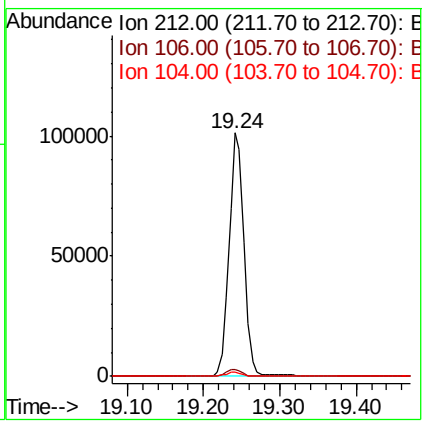


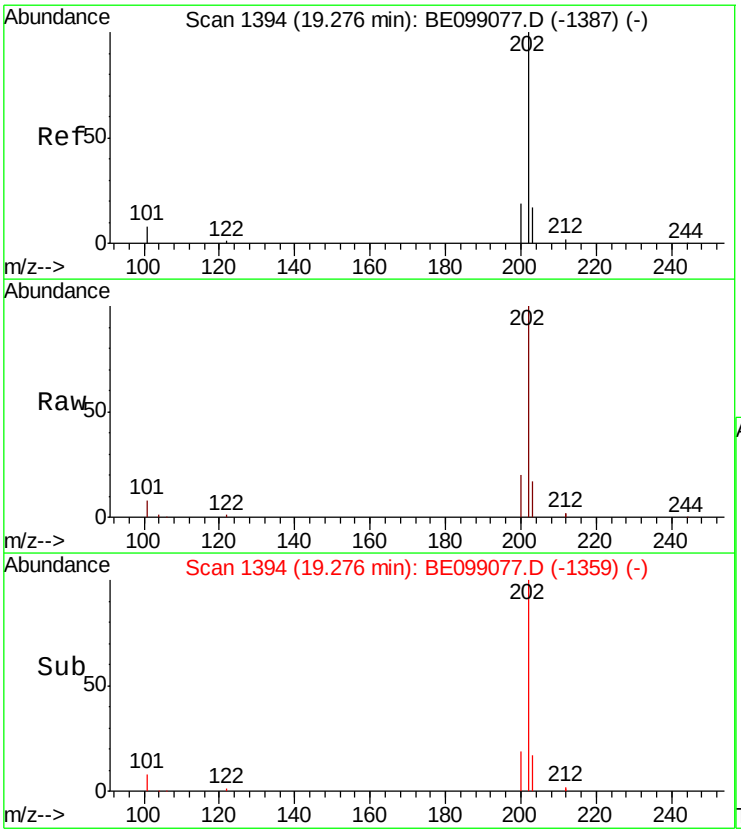
#25
Fluoranthene-d10
Concen: 0.290 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 136710

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.6	1.3	1.9

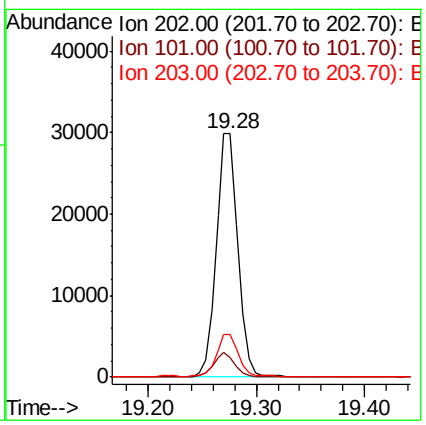


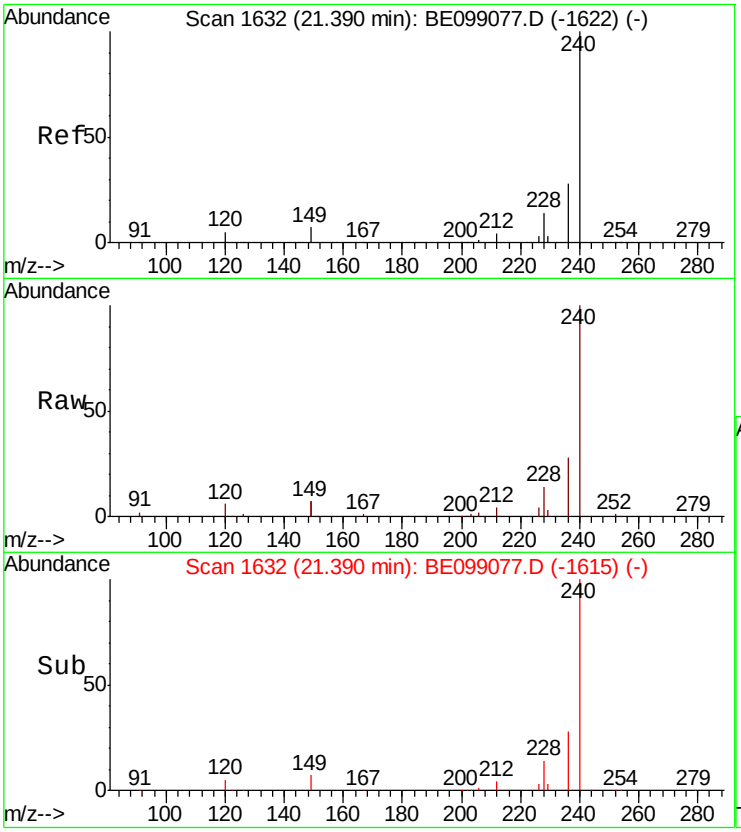


#26
Fluoranthene
Concen: 0.347 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:202 Resp: 41212

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.5	11.3
203	17.1	13.7	20.5



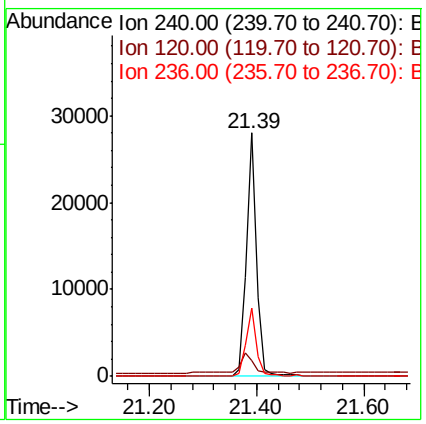


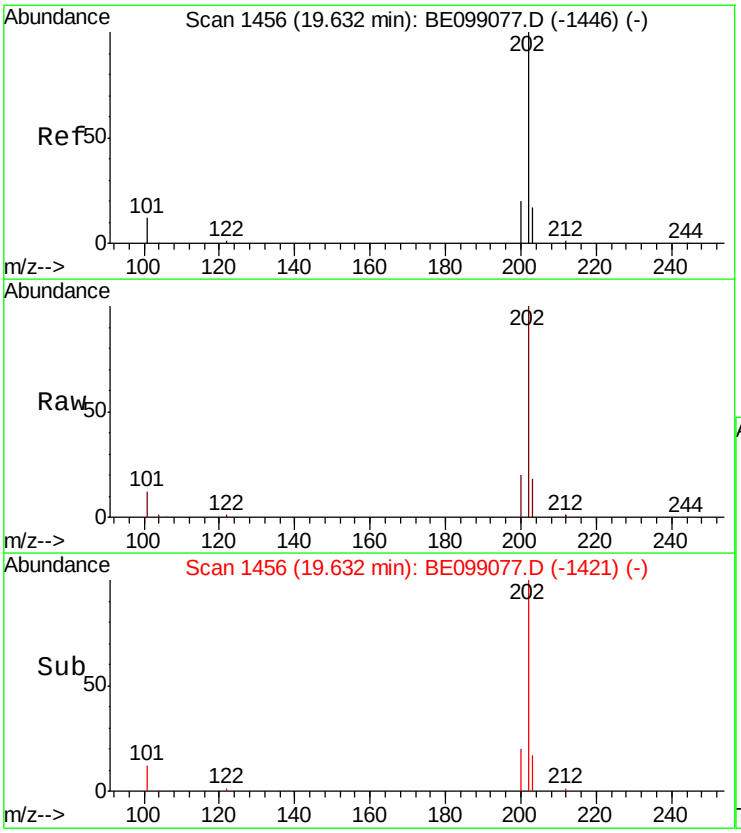
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 36958

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.0	7.6
236	27.8	22.2	33.4

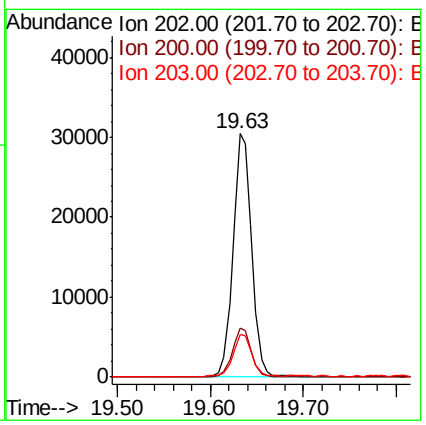


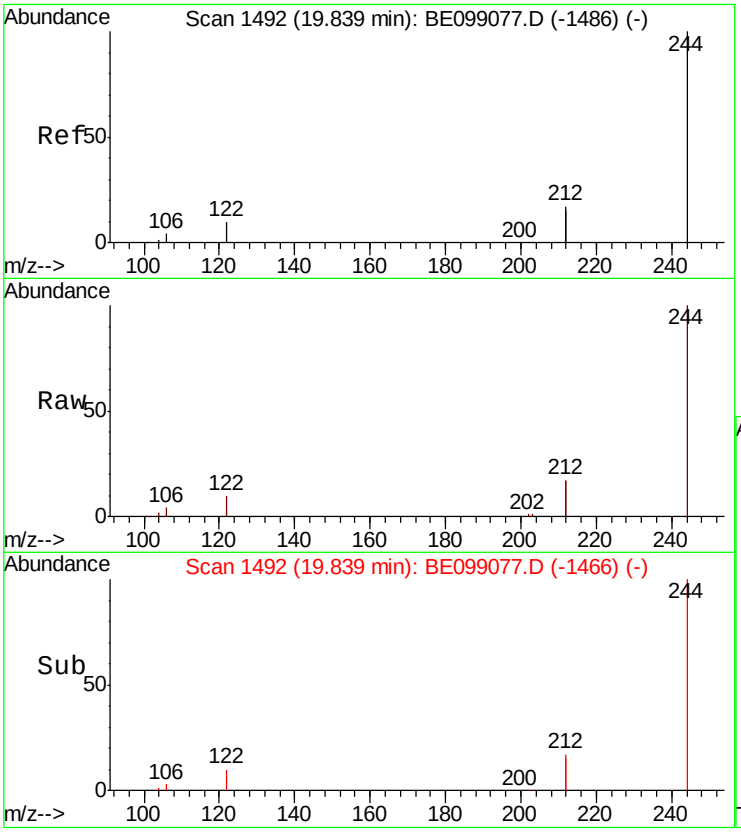


#28
Pyrene
Concen: 0.375 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:202 Resp: 42389

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.5	14.0	21.0



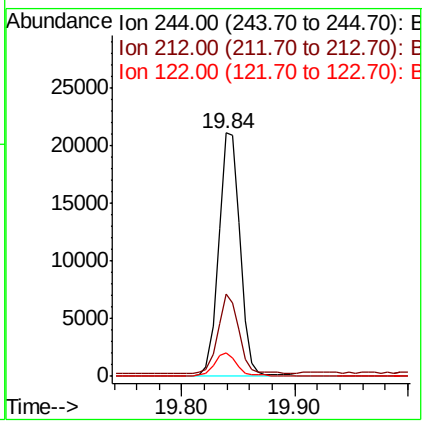


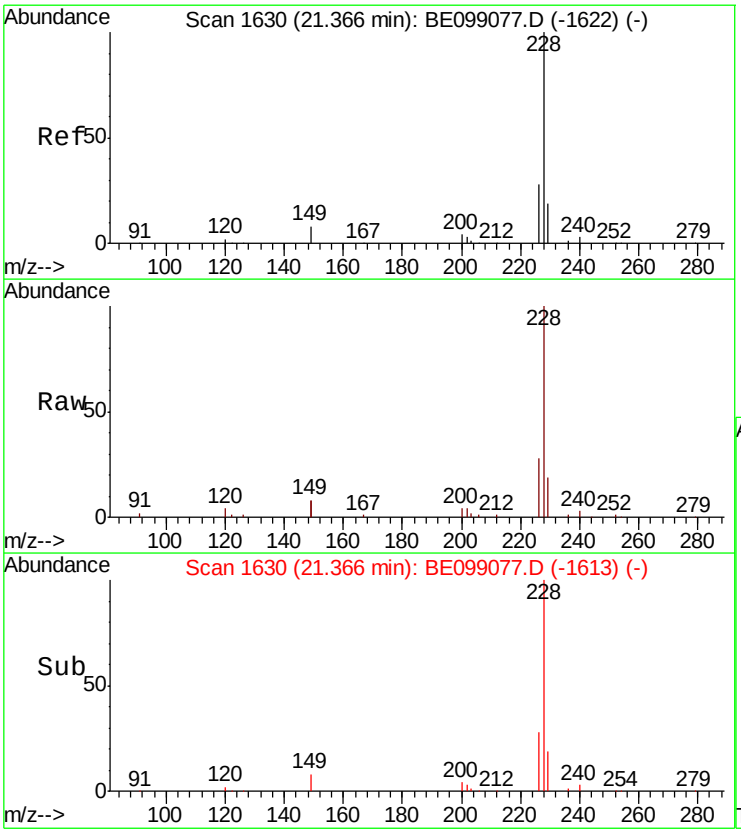
#29
Terphenyl-d14
Concen: 0.306 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 27507

Ion	Ratio	Lower	Upper
244	100		
212	33.6	26.9	40.3
122	9.8	7.8	11.8

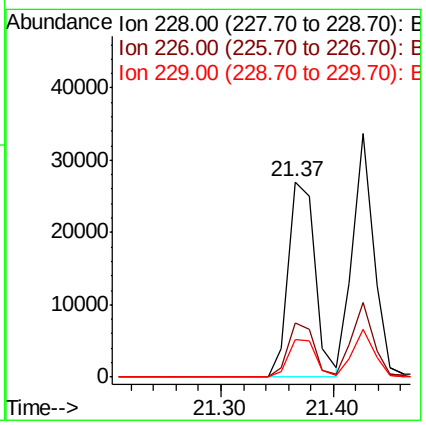


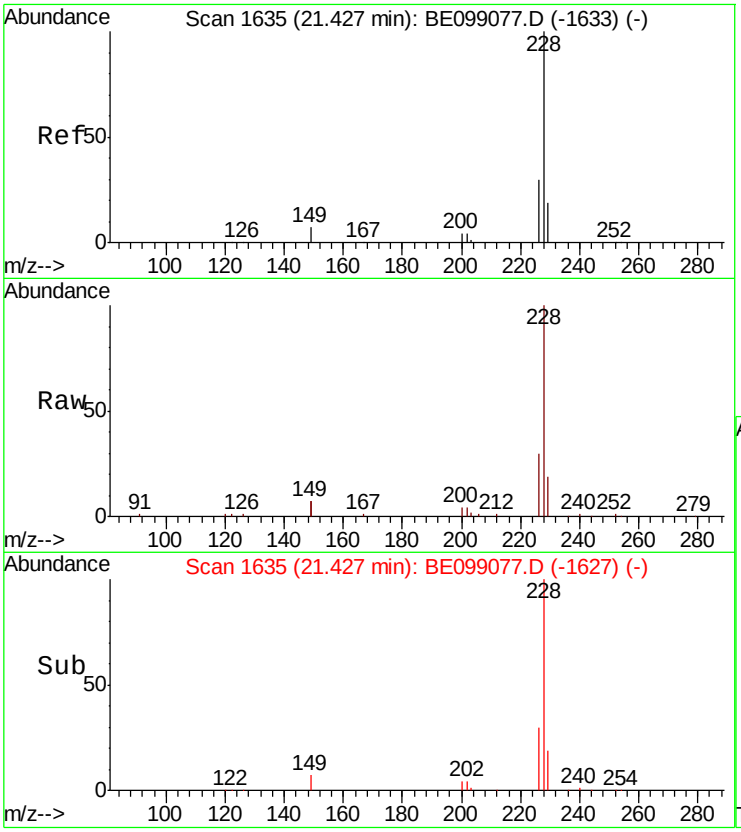


#30
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:228 Resp: 44195

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	19.5	15.6	23.4



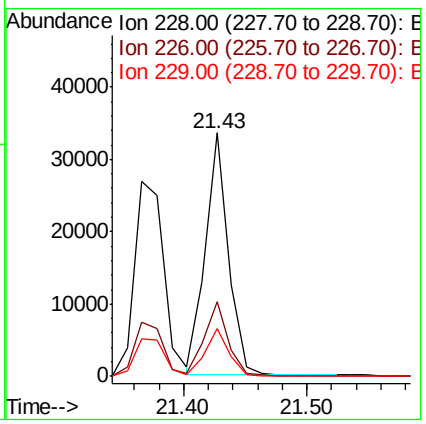


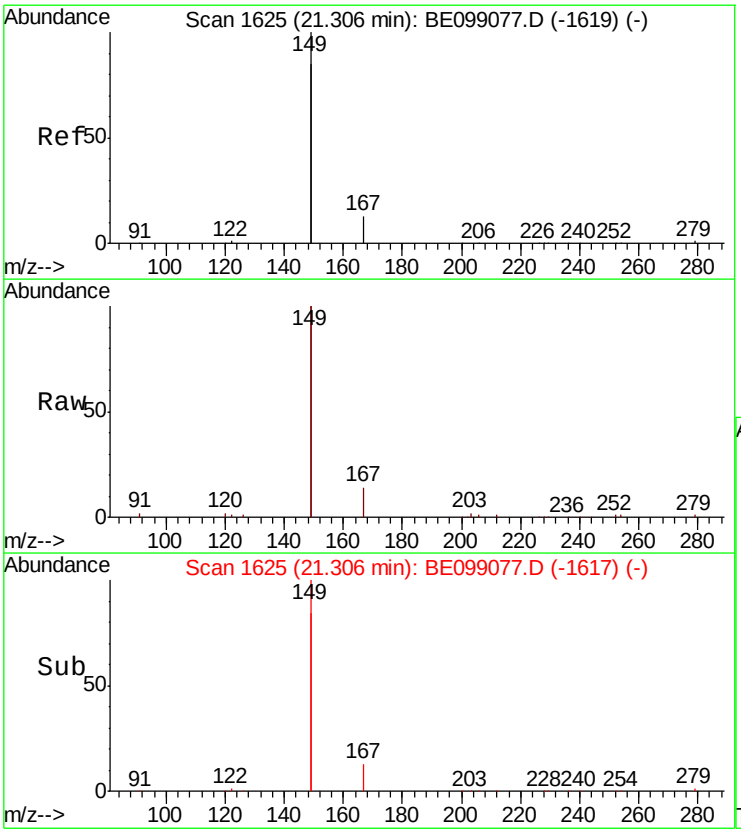
#31
Chrysene
Concen: 0.354 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 43690

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.4	15.5	23.3

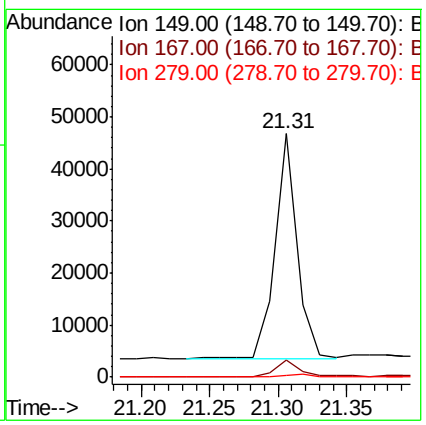


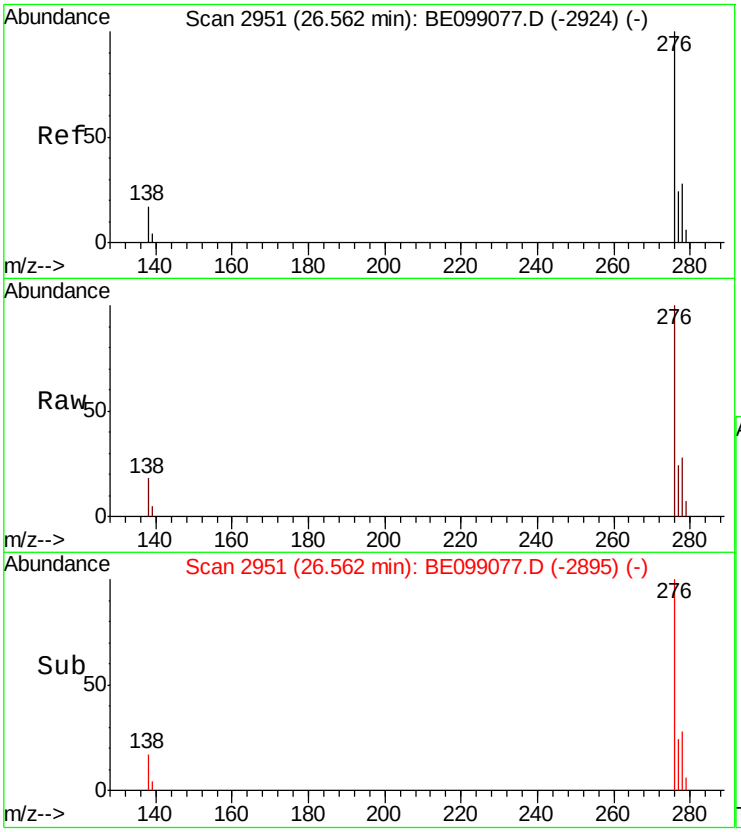


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.195 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:149 Resp: 47755

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.0	0.8	1.2



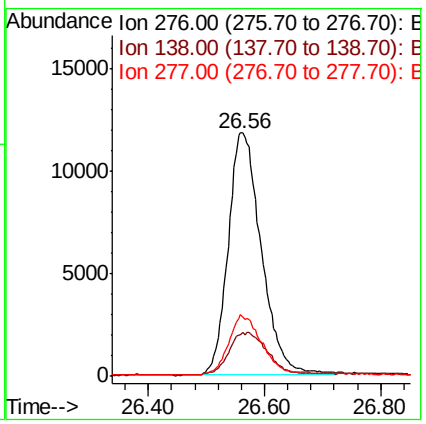


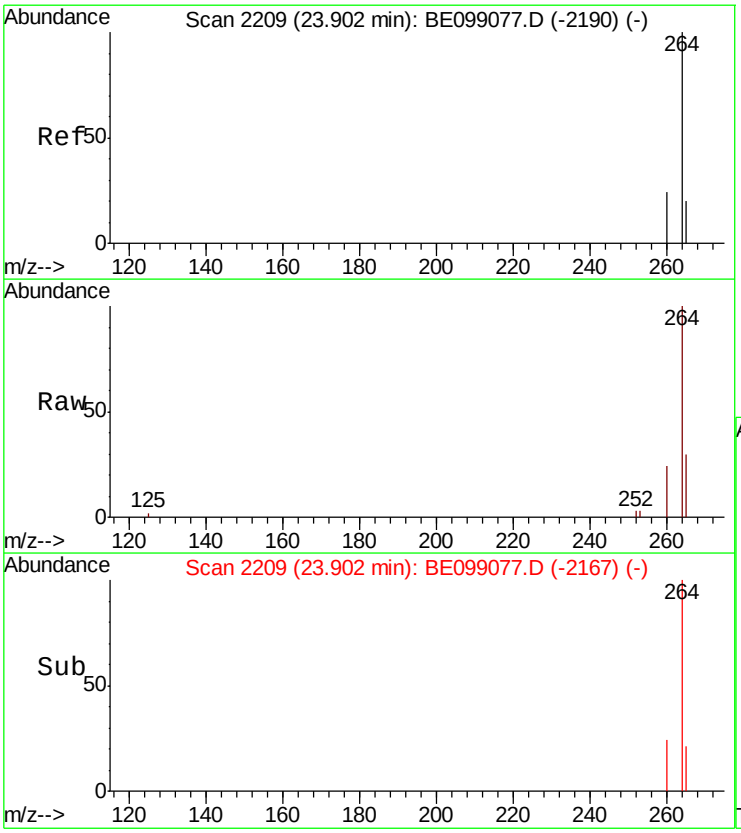
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 26.56 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 47100

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.8	23.8
277	24.2	19.4	29.2

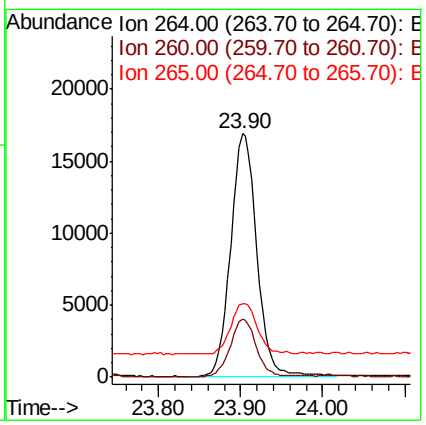


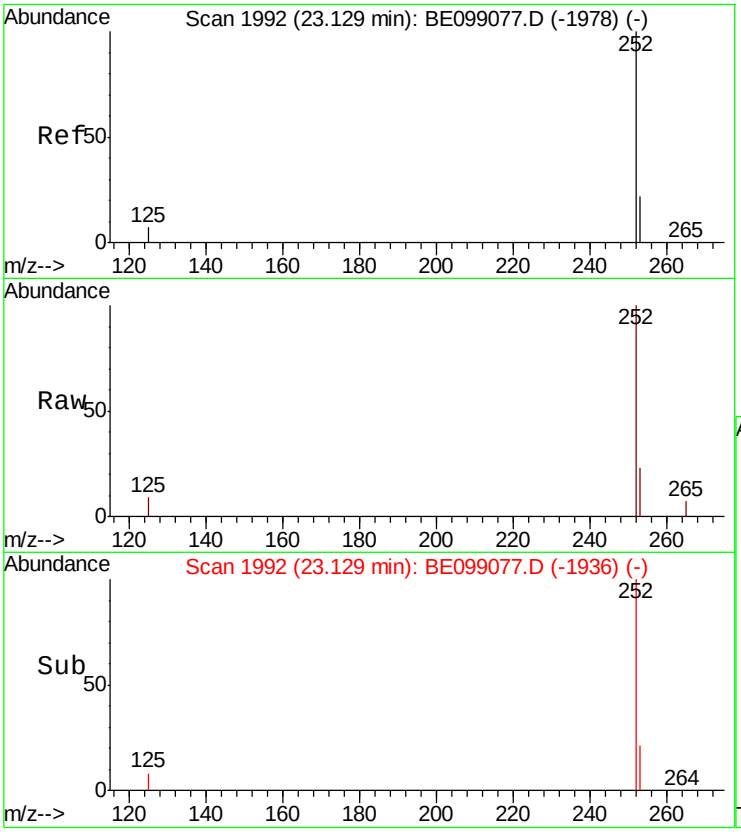


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:264 Resp: 36960

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	30.1	24.1	36.1



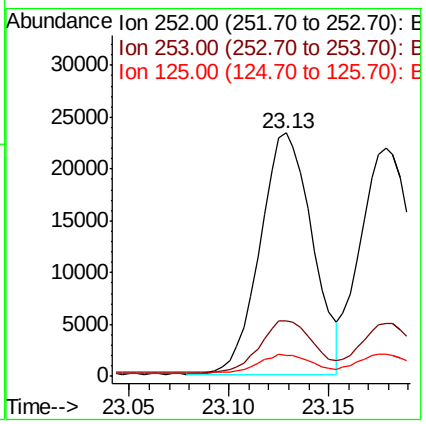


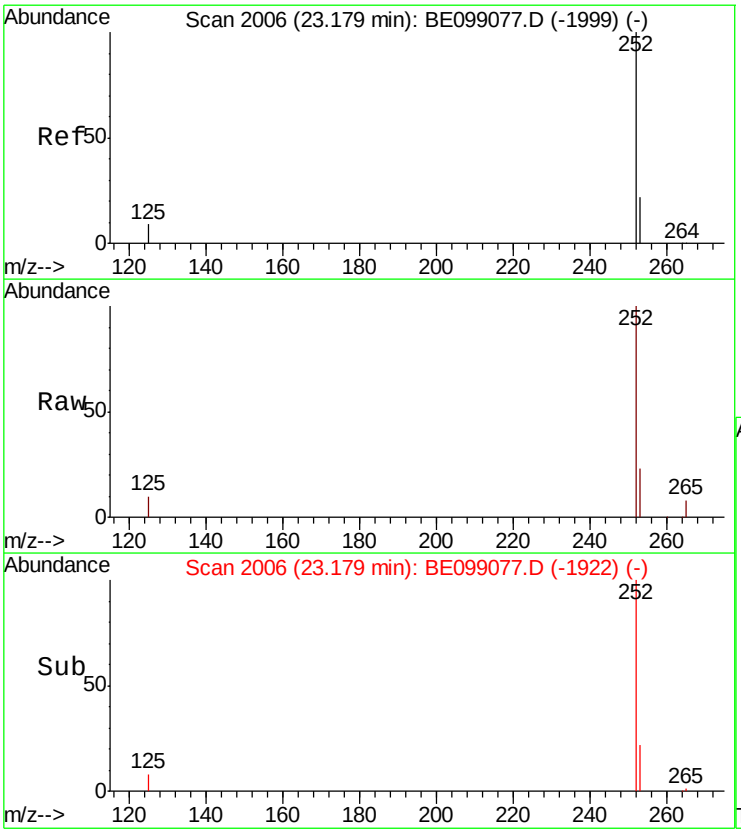
#35
Benzo(b)fluoranthene
Concen: 0.348 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 42350

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	8.7	7.0	10.4

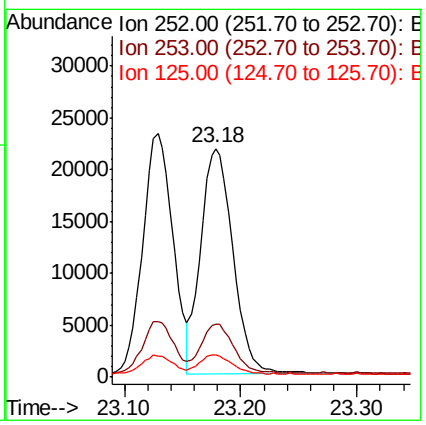


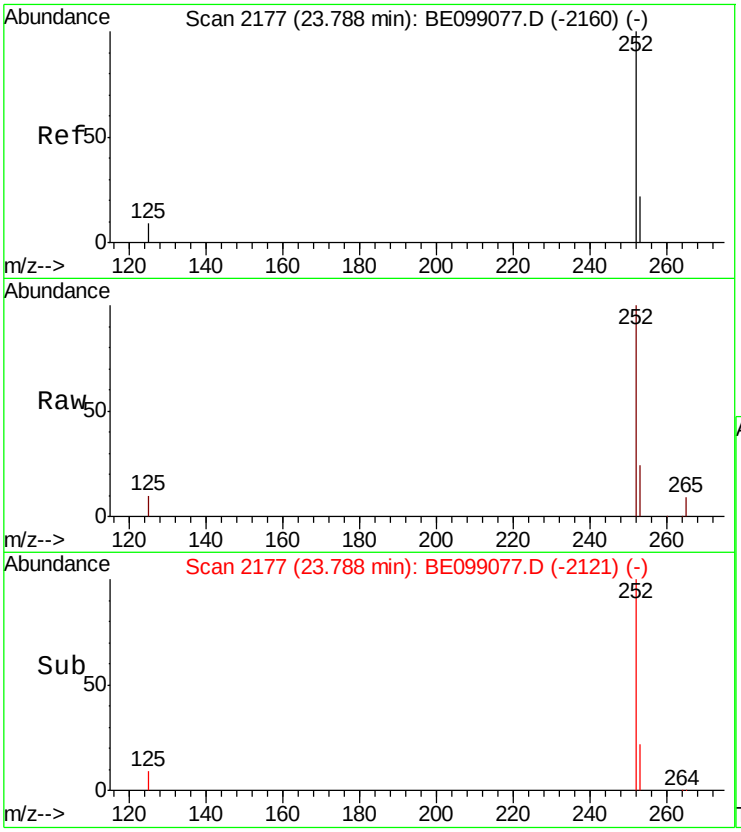


#36
Benzo(k)fluoranthene
Concen: 0.329 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:252 Resp: 41910

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	9.7	7.8	11.6



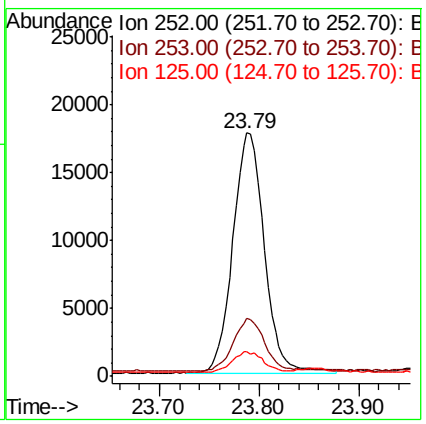


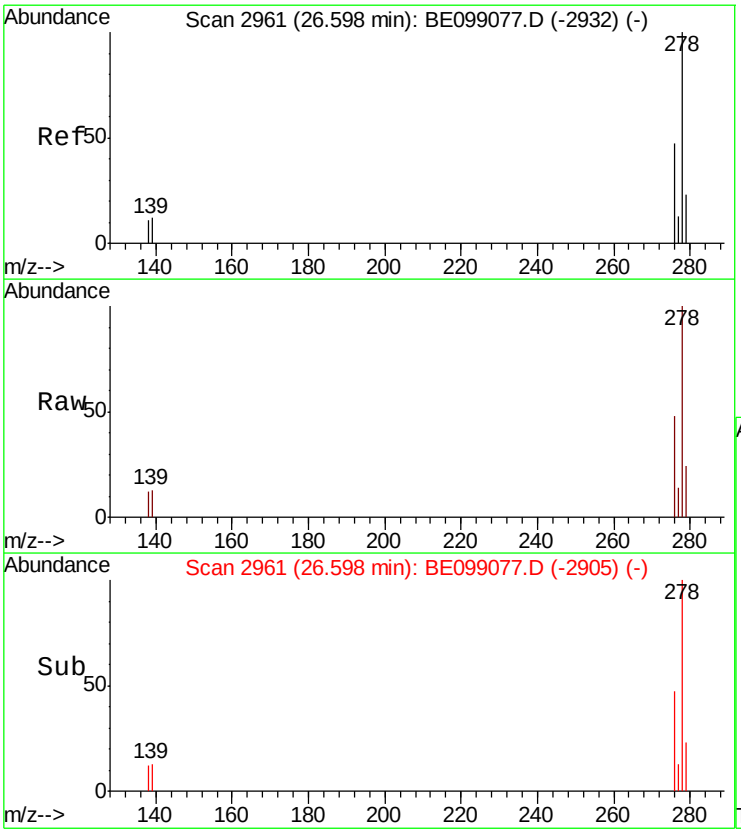
#37
Benzo(a)pyrene
Concen: 0.334 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 38903

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	10.4	8.3	12.5

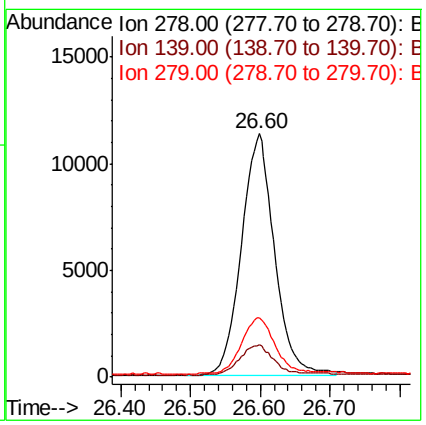


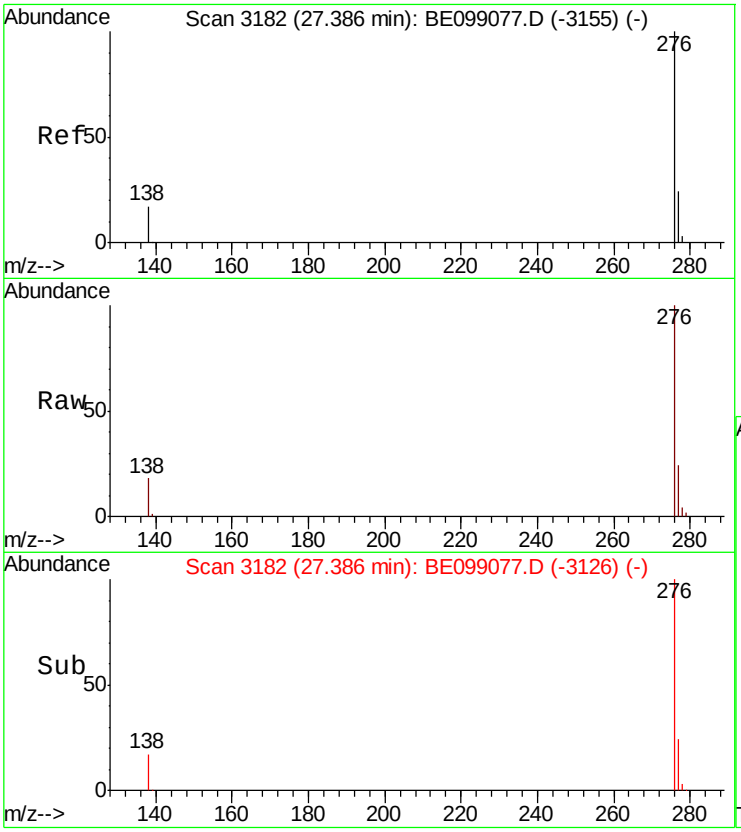


#38
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 26.60 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Tgt Ion:278 Resp: 37792

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.6	16.0
279	24.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.342 ng
RT: 27.39 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BE099077.D
Acq: 22 Mar 2019 12:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 39389

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	18.2	14.6	21.8