Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
Data File : BE099815.D
Acq On : 6 Jun 2019 9:04
Operator : JU/SJ
Sample : PB120314BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120314BS

Quant Time: Jun 07 02:04:27 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 14:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1195	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	3846	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	2469	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	7602	0.40	ng		0.00
27) Chrysene-d12	21.41	240	15017	0.40	ng		0.00
34) Perylene-d12	23.94	264	17501	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	1075	0.37	ng		0.01
5) Phenol-d6	6.97	99	1354	0.36	ng		0.01
8) Nitrobenzene-d5	8.98	82	1129	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	3094	0.47	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	372	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	3362	0.37	ng		0.00
25) Fluoranthene-d10	19.26	212	44784	0.40	ng		0.00
29) Terphenyl-d14	19.86	244	9252	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	543	0.313	ng	#	26
3) n-Nitrosodimethylamine	3.62	42	342	0.372	ng	#	96
6) bis(2-Chloroethyl)ether	7.23	93	1119	0.341	ng		96
9) Naphthalene	10.65	128	14528	0.354	ng		100
10) Hexachlorobutadiene	10.94	225	1112	0.355	ng		96
12) 2-Methylnaphthalene	12.30	142	2220	0.339	ng		98
16) Acenaphthylene	14.20	152	4102	0.344	ng		99
17) Acenaphthene	14.54	154	2250	0.345	ng		99
18) Fluorene	15.53	166	3171	0.330	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	1442	0.340	ng	#	89
21) Hexachlorobenzene	16.52	284	1600	0.344	ng		98
22) Pentachlorophenol	16.97	266	259	0.449	ng		93
23) Phenanthrene	17.27	178	6066	0.334	ng		100
24) Anthracene	17.36	178	5295	0.323	ng		99
26) Fluoranthene	19.29	202	12293	0.387	ng		100
28) Pyrene	19.65	202	12760	0.352	ng		100
30) Benzo(a)anthracene	21.39	228	16823	0.405	ng		99
31) Chrysene	21.45	228	17496	0.382	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	15536	0.326	ng		100
33) Indeno(1,2,3-cd)pyrene	26.64	276	20655	0.376	ng		99
35) Benzo(b)fluoranthene	23.16	252	16821	0.347	ng	#	96
36) Benzo(k)fluoranthene	23.21	252	19945	0.388	ng		100
37) Benzo(a)pyrene	23.83	252	17486	0.372	ng	#	94
38) Dibenzo(a,h)anthracene	26.67	278	16496	0.345	ng		97
39) Benzo(g,h,i)perylene	27.46	276	18366	0.366	ng		98

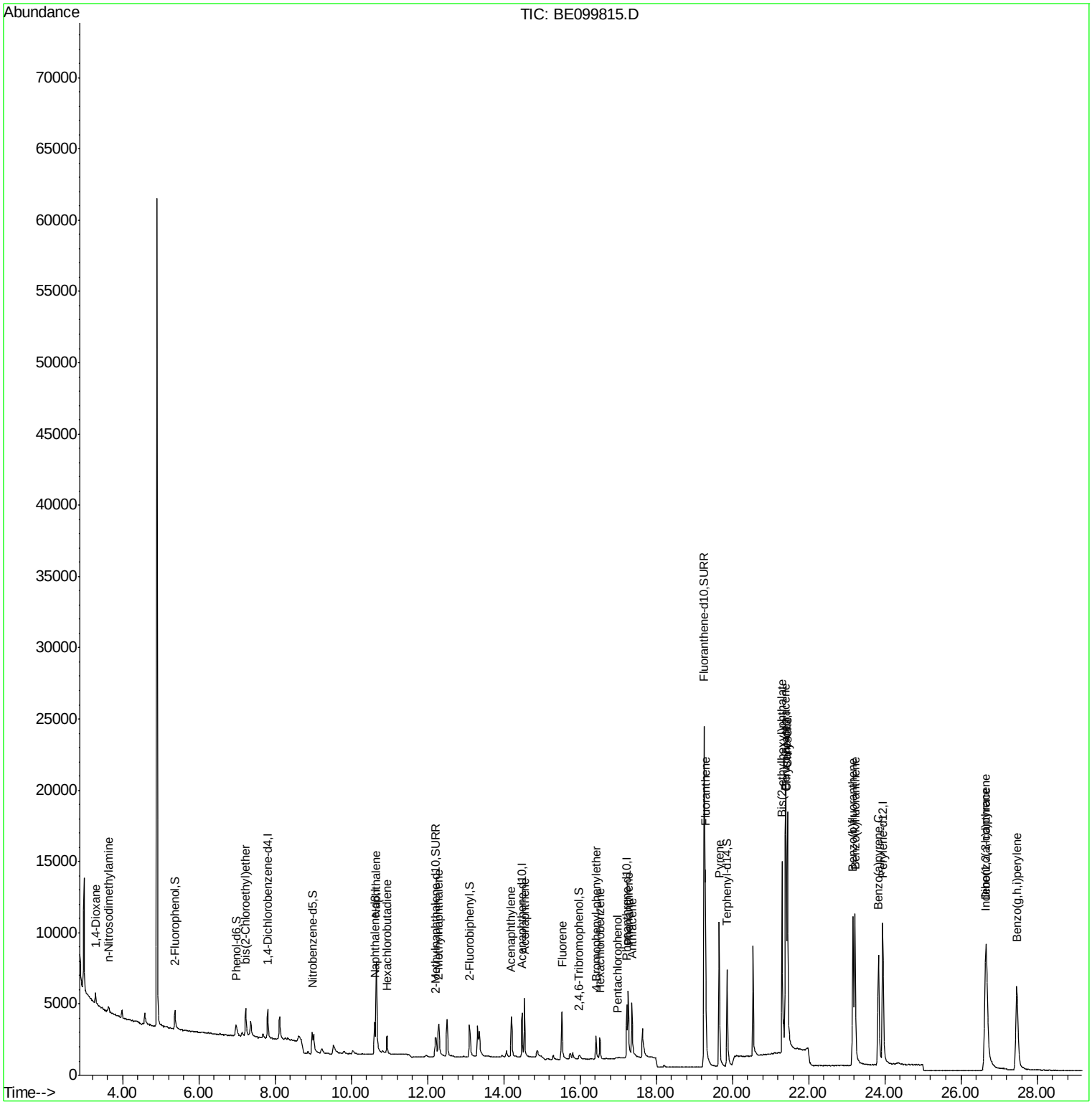
(#) = qualifier out of range (m) = manual integration (+) = signals summed

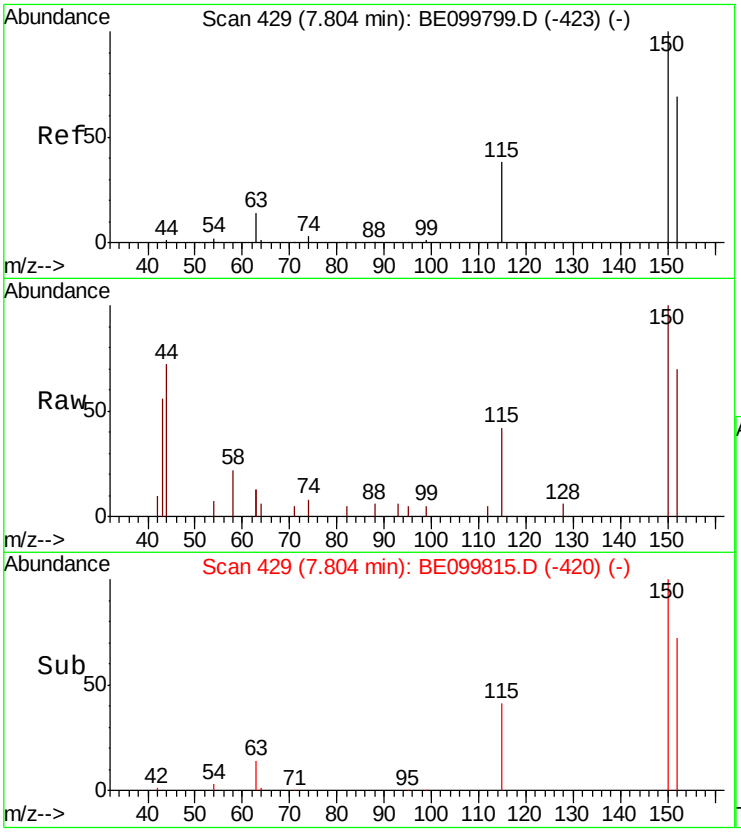
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
Data File : BE099815.D
Acq On : 6 Jun 2019 9:04
Operator : JU/SJ
Sample : PB120314BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120314BS

Quant Time: Jun 07 02:04:27 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 14:35:58 2019
Response via : Initial Calibration



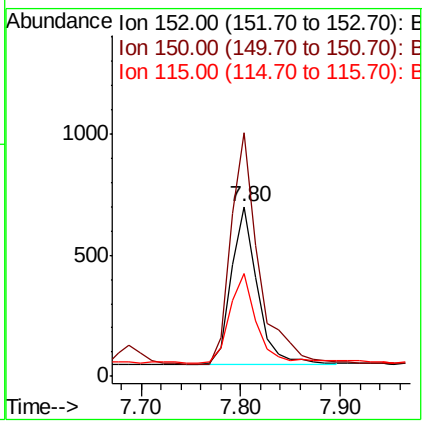


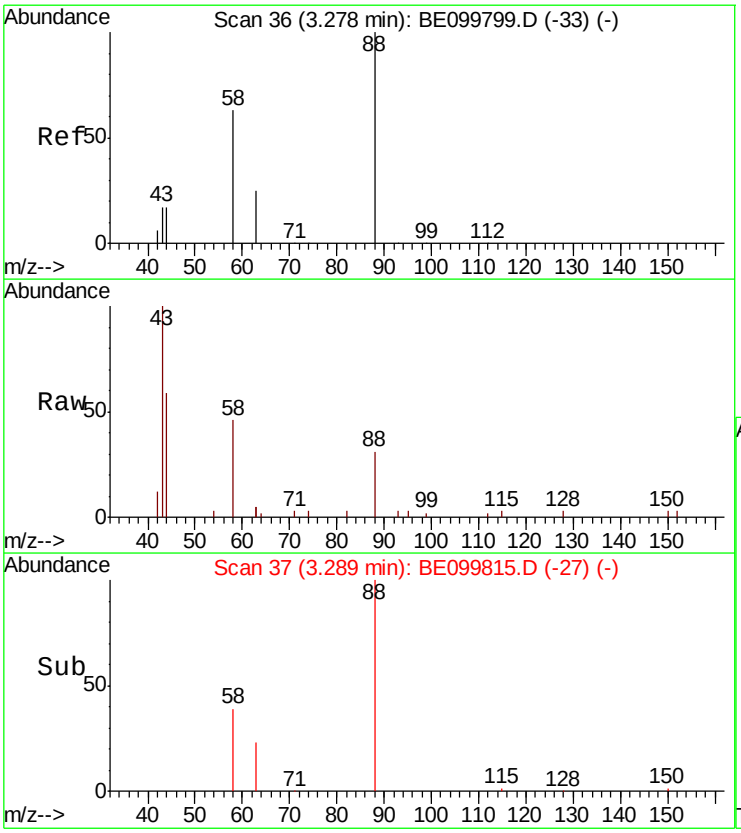
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:152 Resp: 1195

Ion	Ratio	Lower	Upper
152	100		
150	143.6	112.8	169.2
115	61.0	47.6	71.4

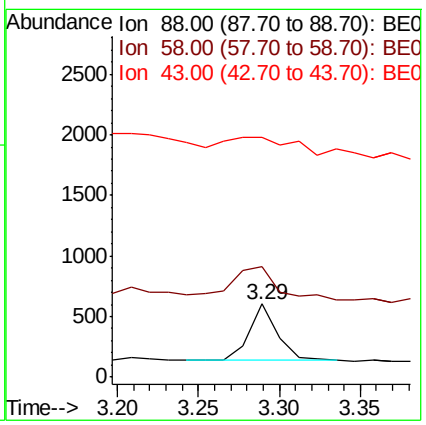


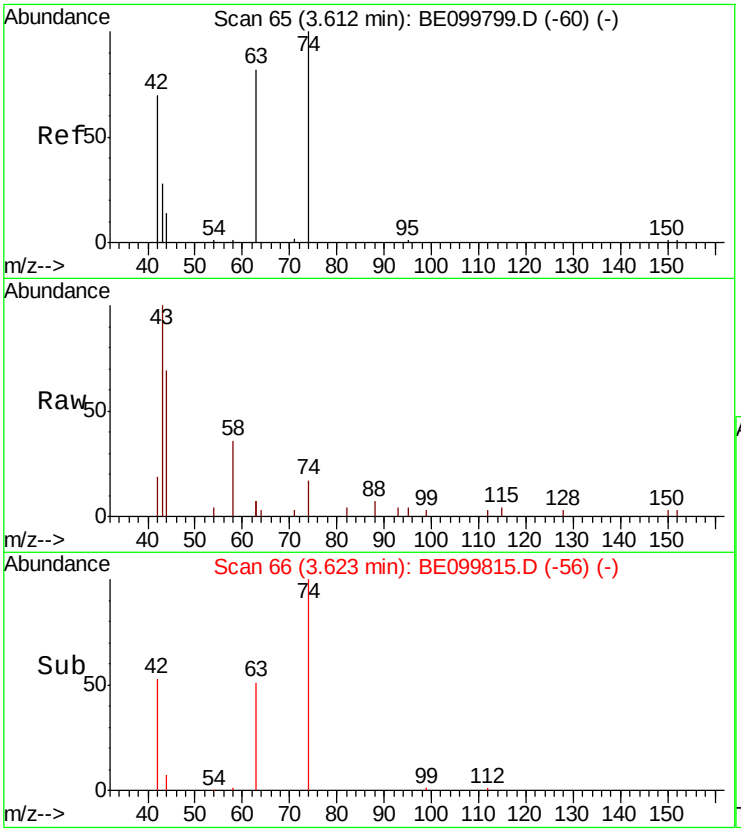


#2
1,4-Dioxane
Concen: 0.313 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion: 88 Resp: 543

Ion	Ratio	Lower	Upper
88	100		
58	104.1	47.3	70.9#
43	76.8	18.2	27.4#



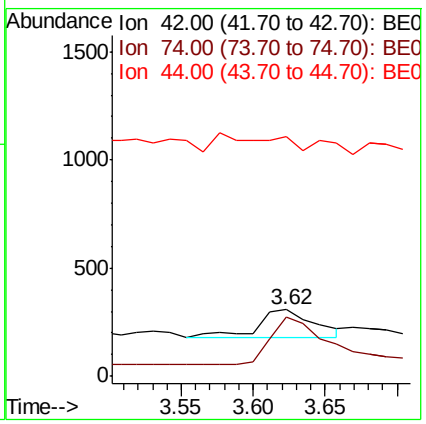


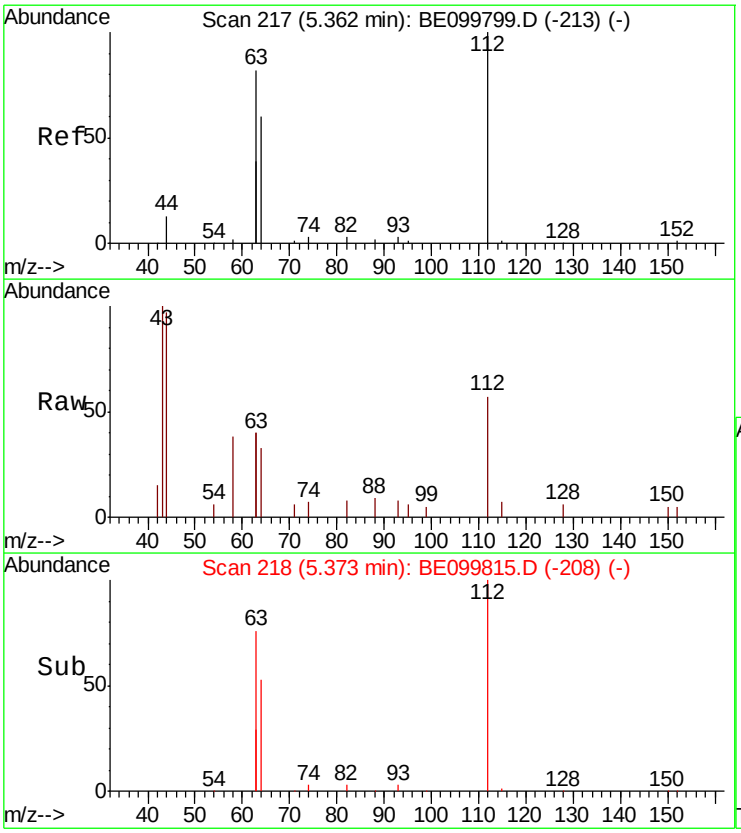
#3
n-Nitrosodimethylamine
Concen: 0.372 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion: 42 Resp: 342

Ion	Ratio	Lower	Upper
42	100		
74	167.0	132.6	198.8
44	0.0	13.4	20.0#

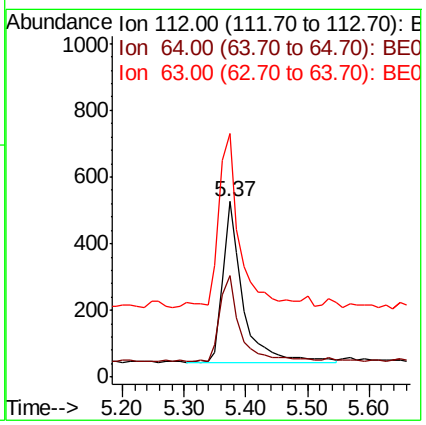


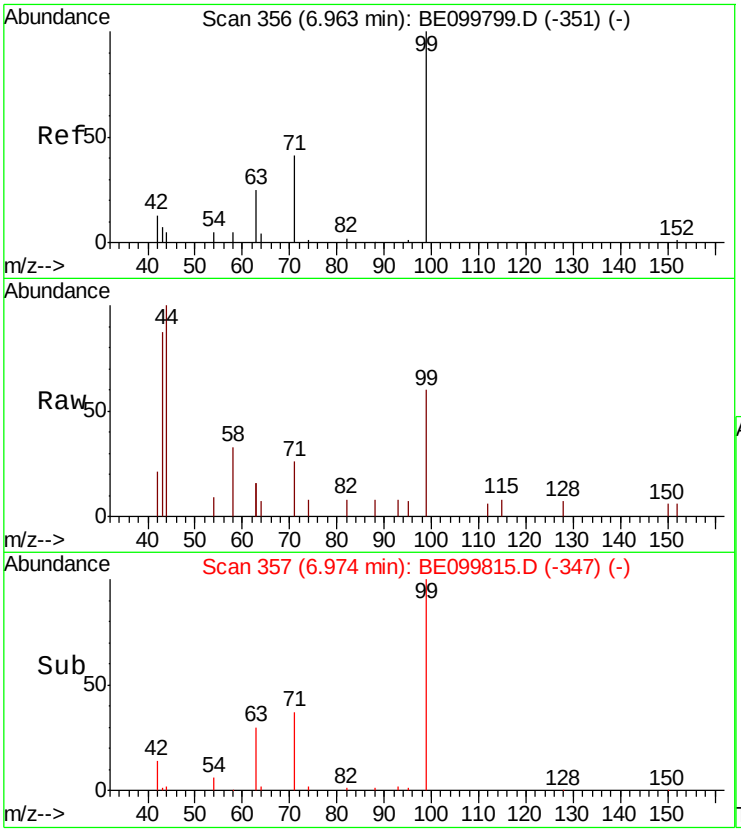


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:112 Resp: 1075

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.2	70.8
63	112.8	90.7	136.1



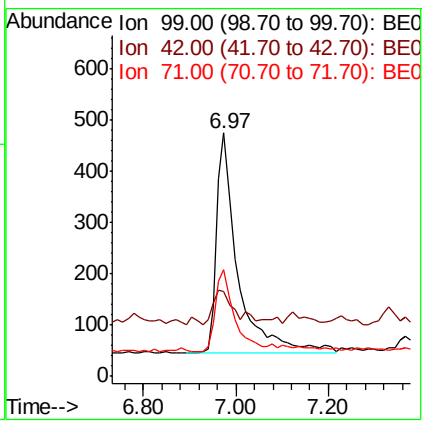


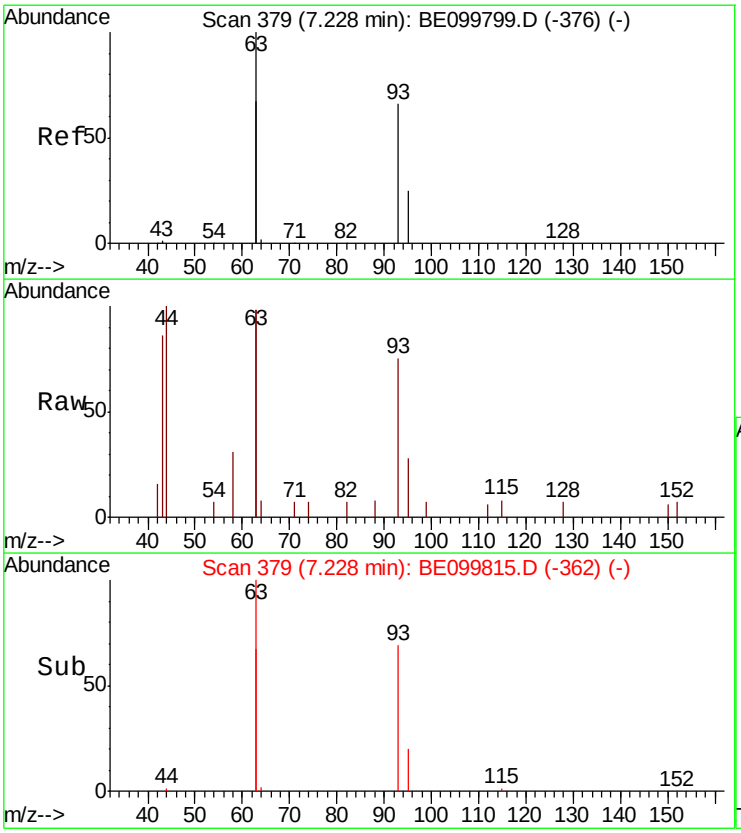
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion: 99 Resp: 1354

Ion	Ratio	Lower	Upper
99	100		
42	16.8	11.0	16.4#
71	32.8	26.1	39.1

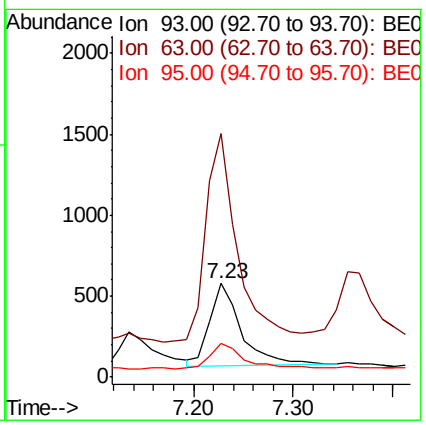


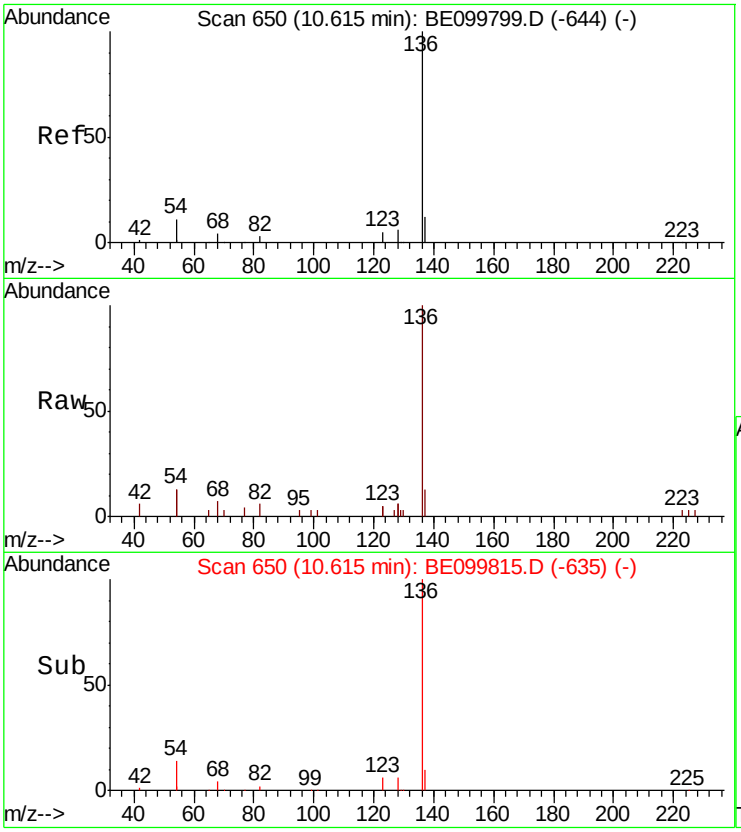


#6
bis(2-Chloroethyl)ether
Concen: 0.341 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion: 93 Resp: 1119

Ion	Ratio	Lower	Upper
93	100		
63	253.1	208.8	313.2
95	32.7	27.6	41.4



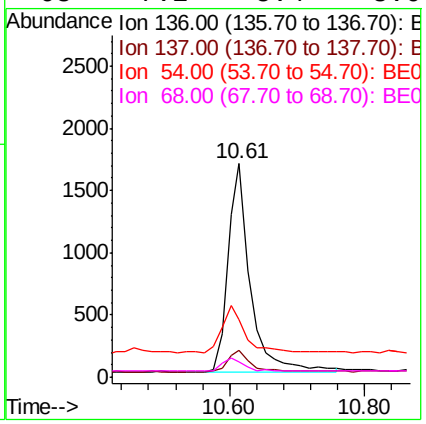


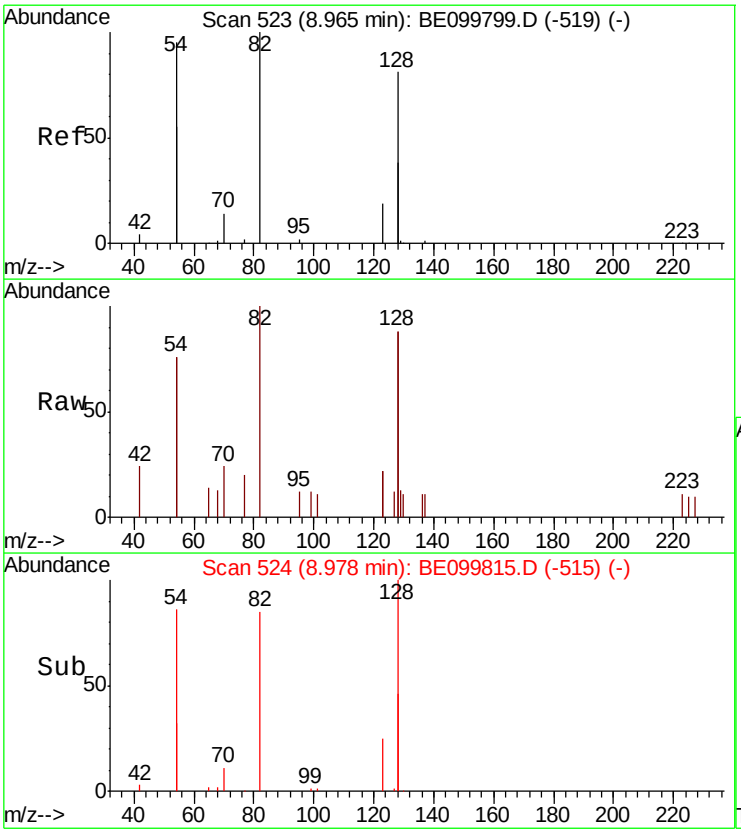
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:136 Resp: 3846

Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.1	16.7
54	26.8	17.9	26.9
68	7.2	5.4	8.0

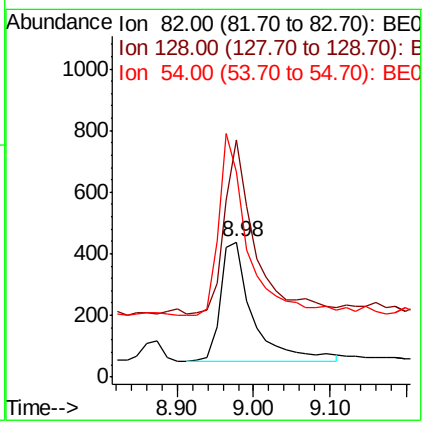


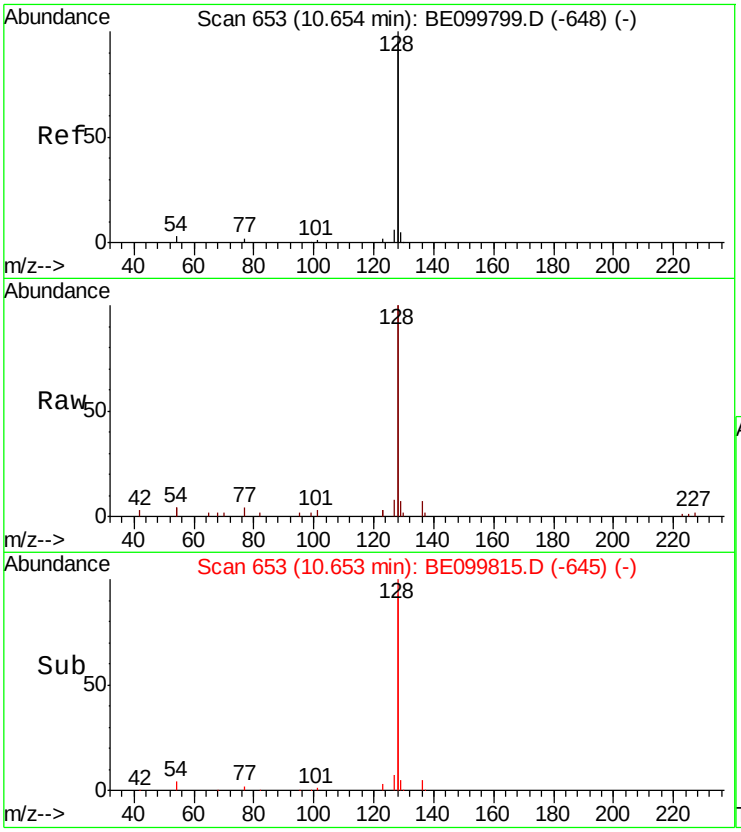


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion: 82 Resp: 1129

Ion	Ratio	Lower	Upper
82	100		
128	175.8	116.6	175.0#
54	152.1	136.2	204.4



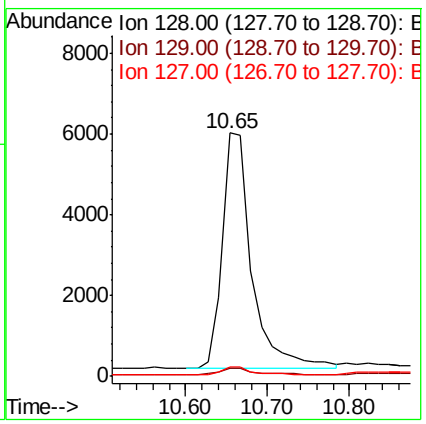


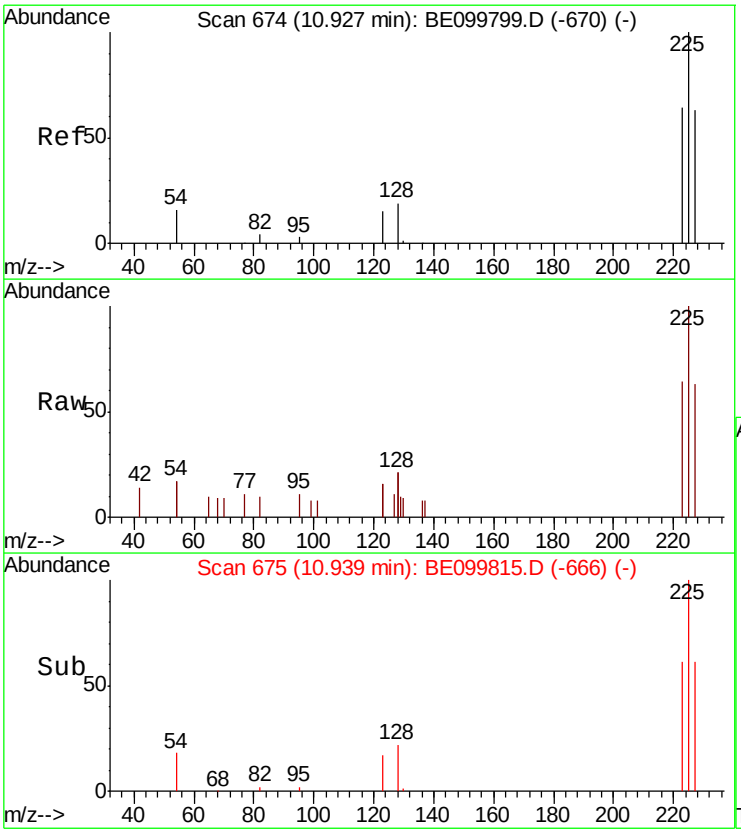
#9
Naphthalene
Concen: 0.354 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:128 Resp: 14528

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	4.0
127	4.1	3.0	4.6

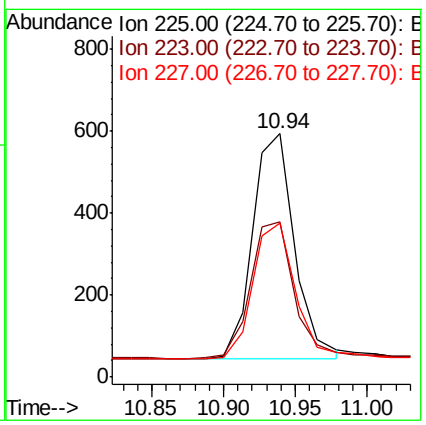


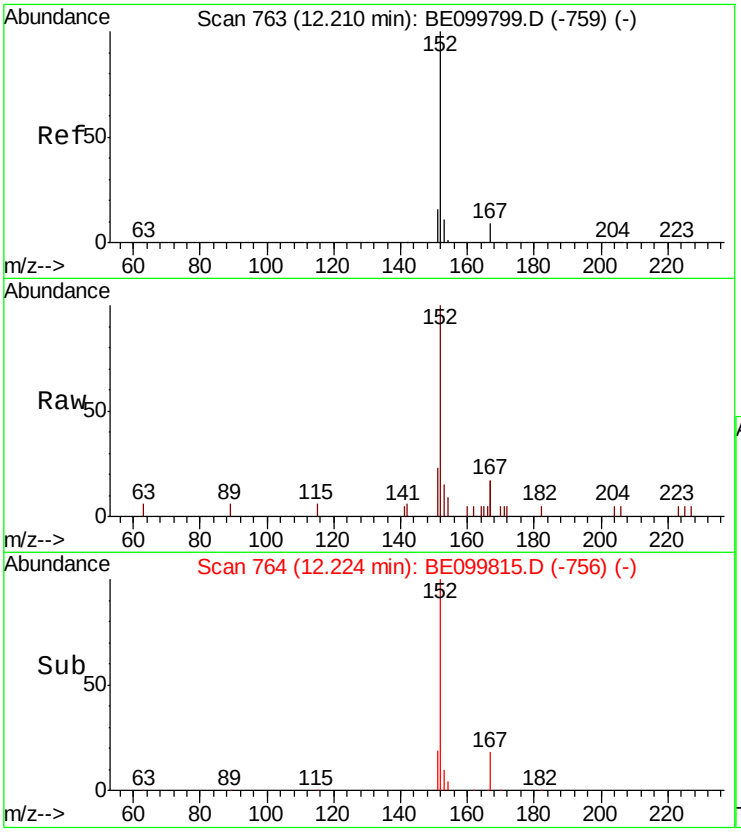


#10
Hexachlorobutadiene
Concen: 0.355 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:225 Resp: 1112

Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.6	72.8
227	61.5	51.6	77.4



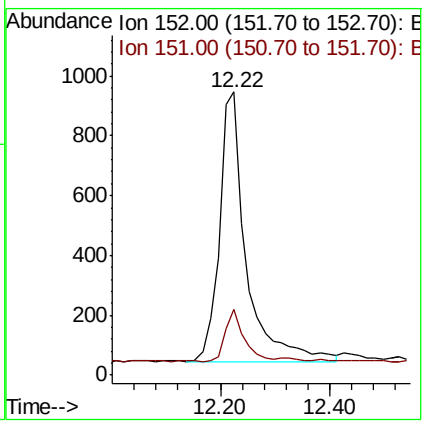


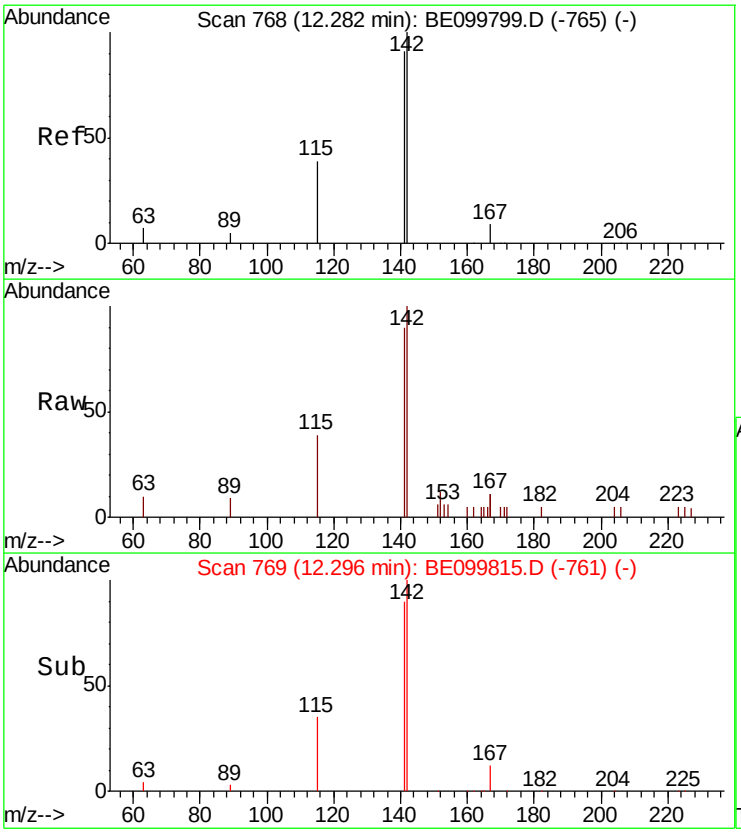
#11
2-Methylnaphthalene-d10
Concen: 0.469 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:152 Resp: 3094

Ion	Ratio	Lower	Upper
152	100		
151	14.6	15.8	23.8#

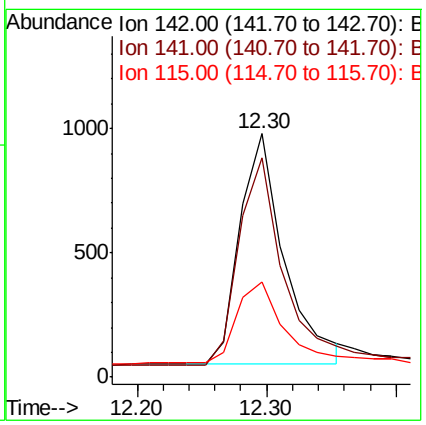


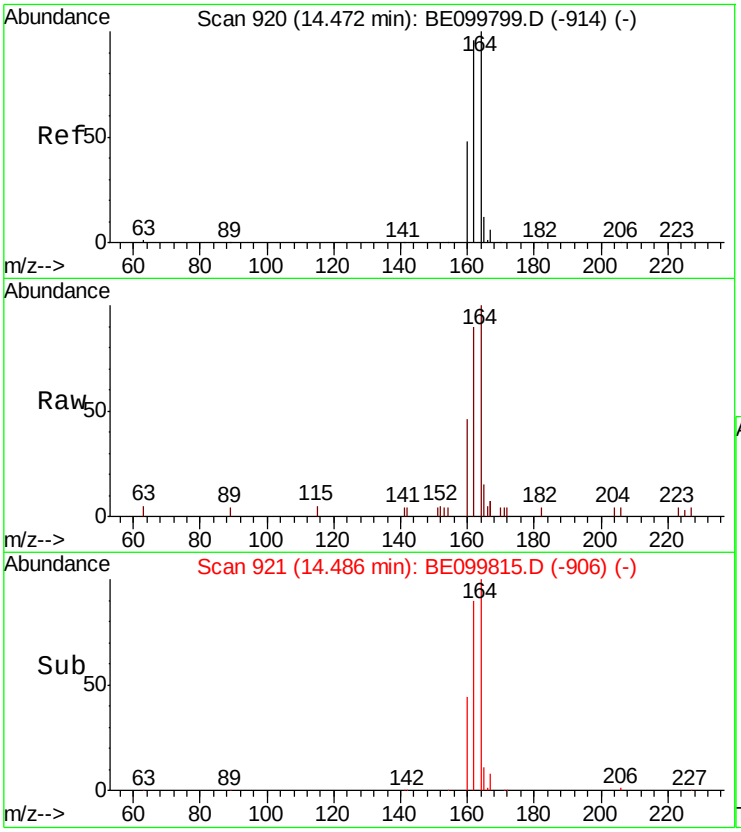


#12
2-Methylnaphthalene
Concen: 0.339 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:142 Resp: 2220

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.3	109.9
115	38.9	33.4	50.2



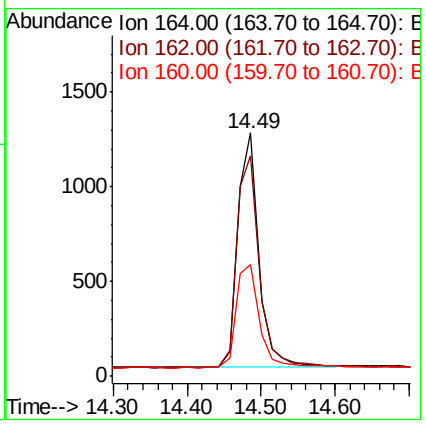


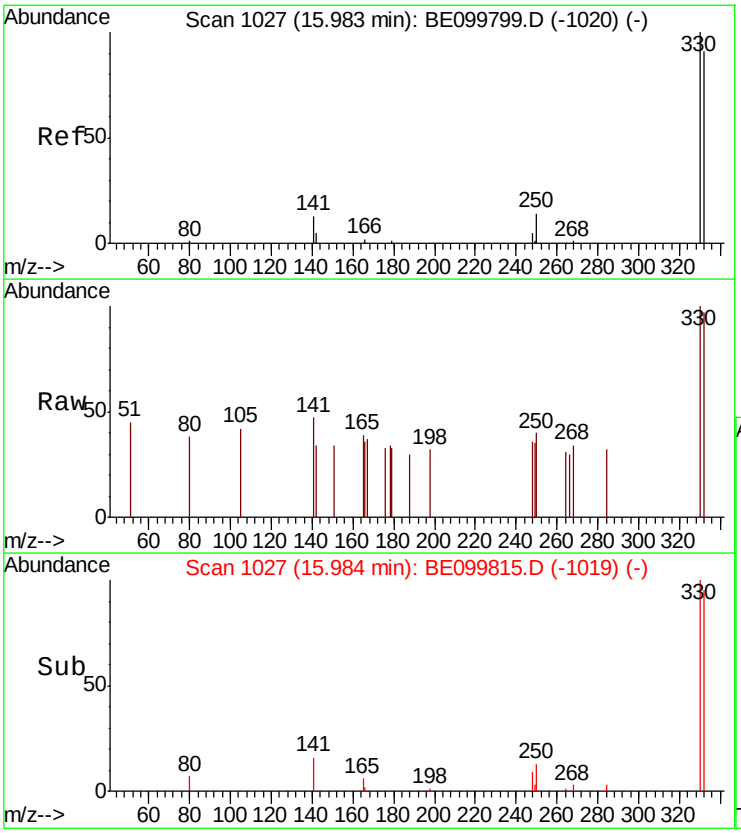
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:164 Resp: 2469

Ion	Ratio	Lower	Upper
164	100		
162	90.4	77.2	115.8
160	46.0	39.4	59.2

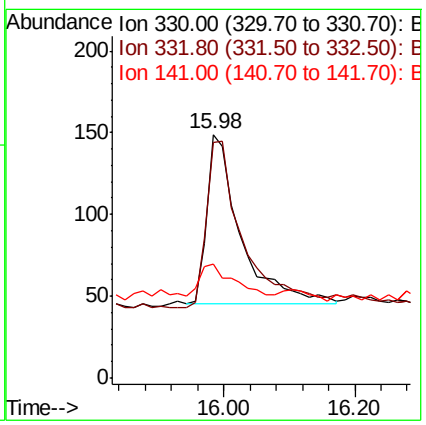


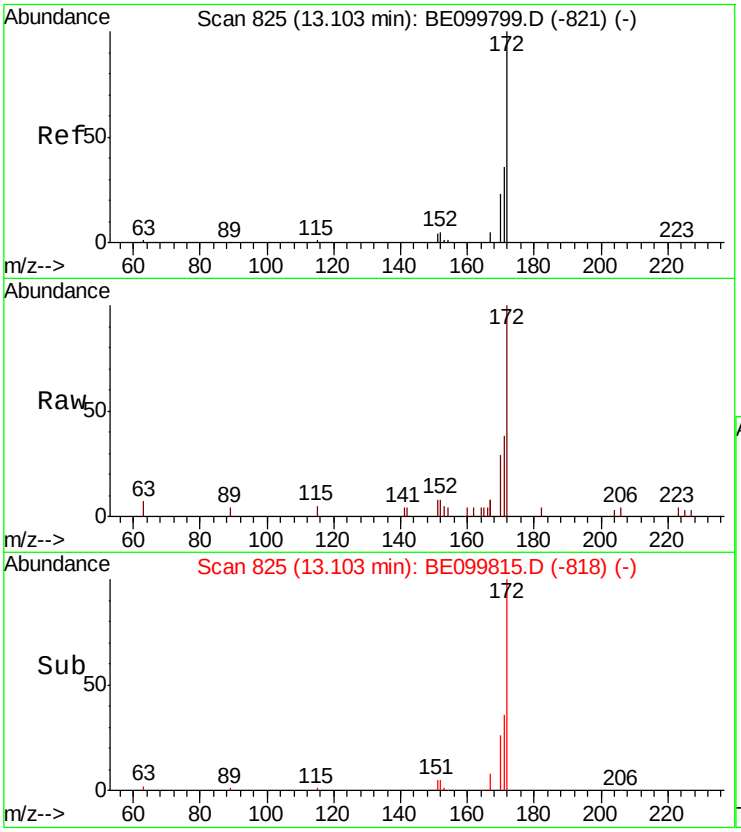


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:330 Resp: 372

Ion	Ratio	Lower	Upper
330	100		
332	108.1	74.9	112.3
141	19.1	16.0	24.0



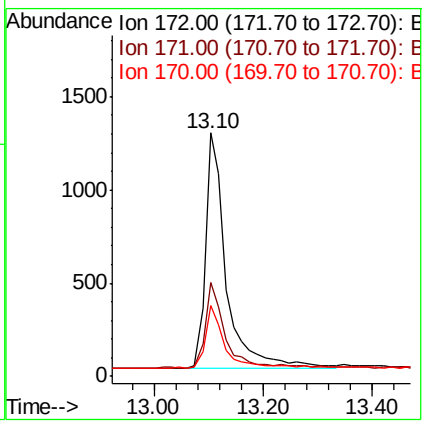


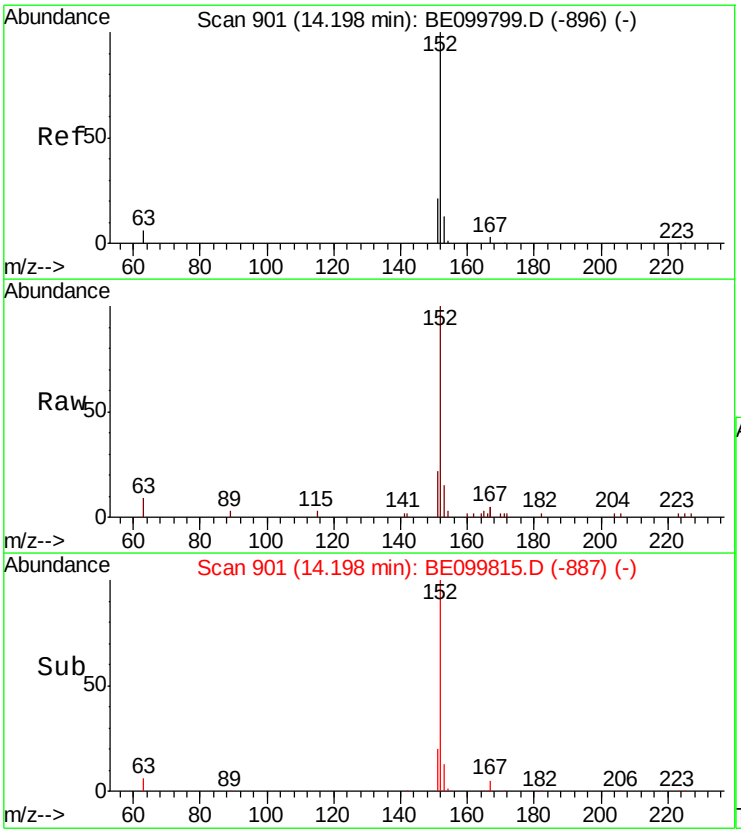
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:172 Resp: 3362

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.2	45.4
170	28.9	20.1	30.1

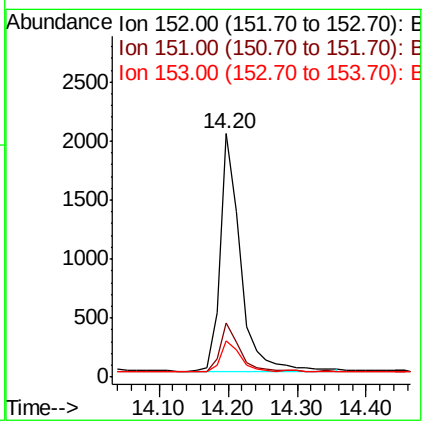


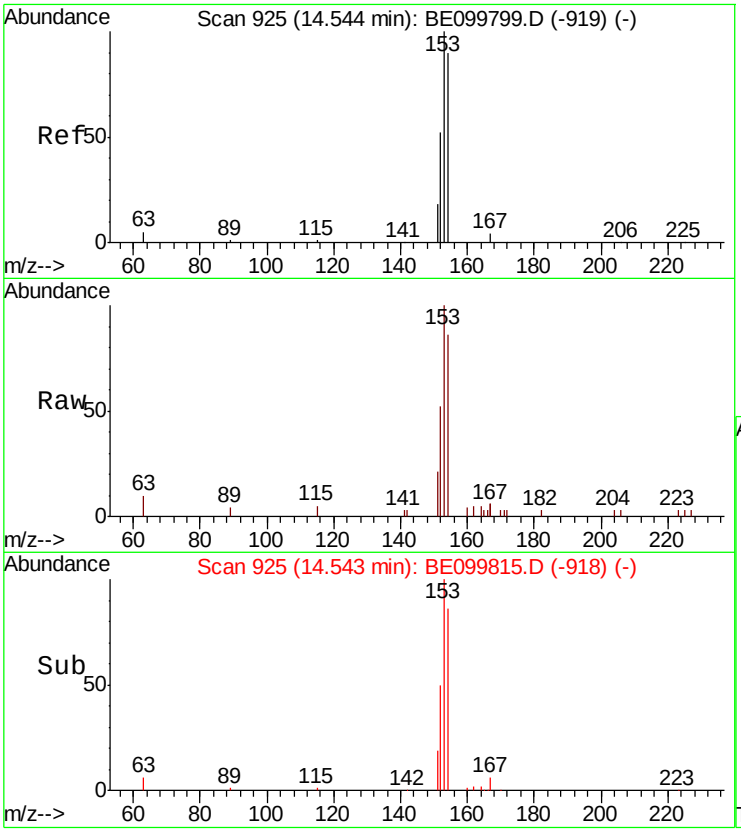


#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:152 Resp: 4102

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	12.5	10.8	16.2



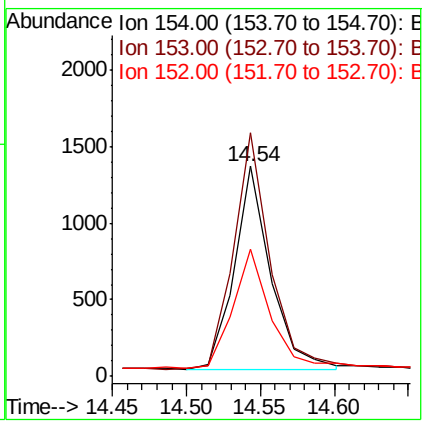


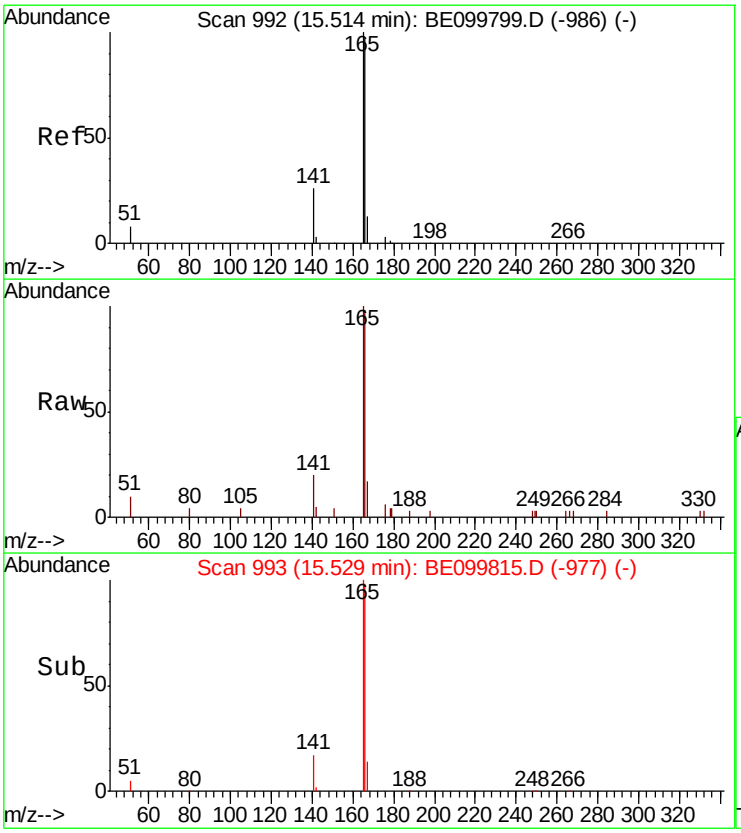
#17
Acenaphthene
Concen: 0.345 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:154 Resp: 2250

Ion	Ratio	Lower	Upper
154	100		
153	117.8	93.8	140.6
152	61.0	48.3	72.5

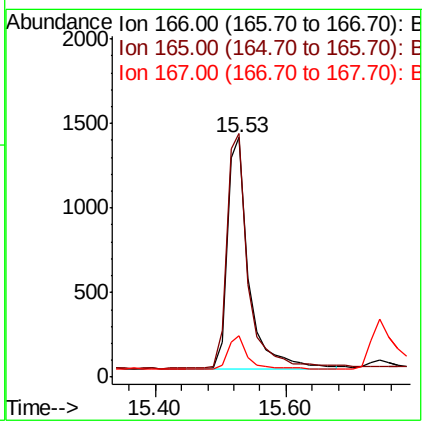


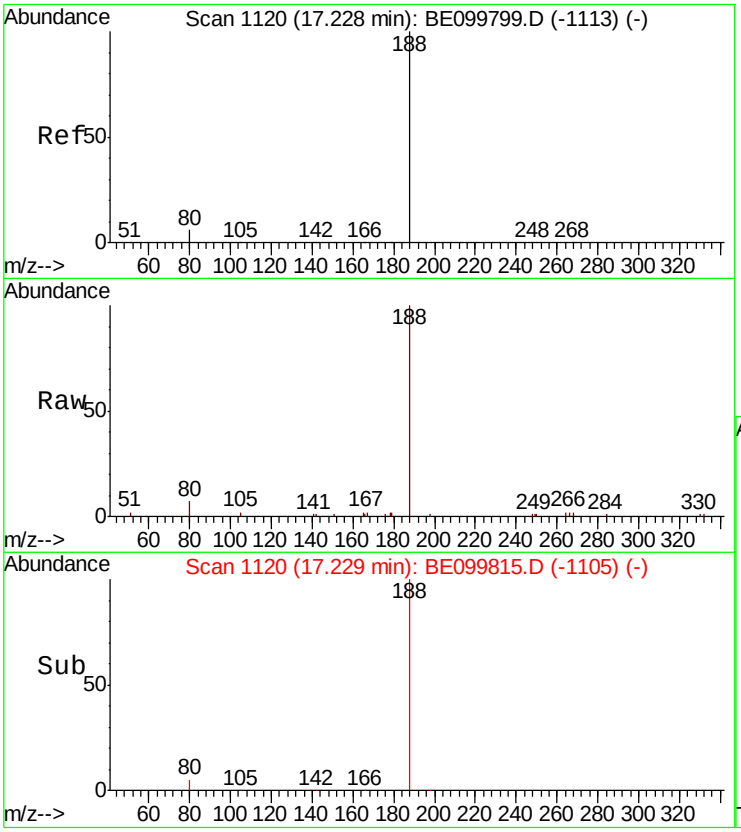


#18
Fluorene
Concen: 0.330 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:166 Resp: 3171

Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.4	120.6
167	13.3	10.7	16.1



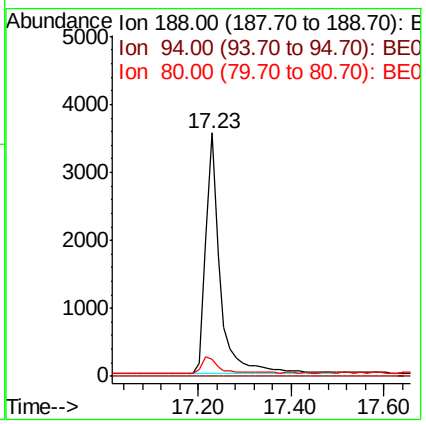


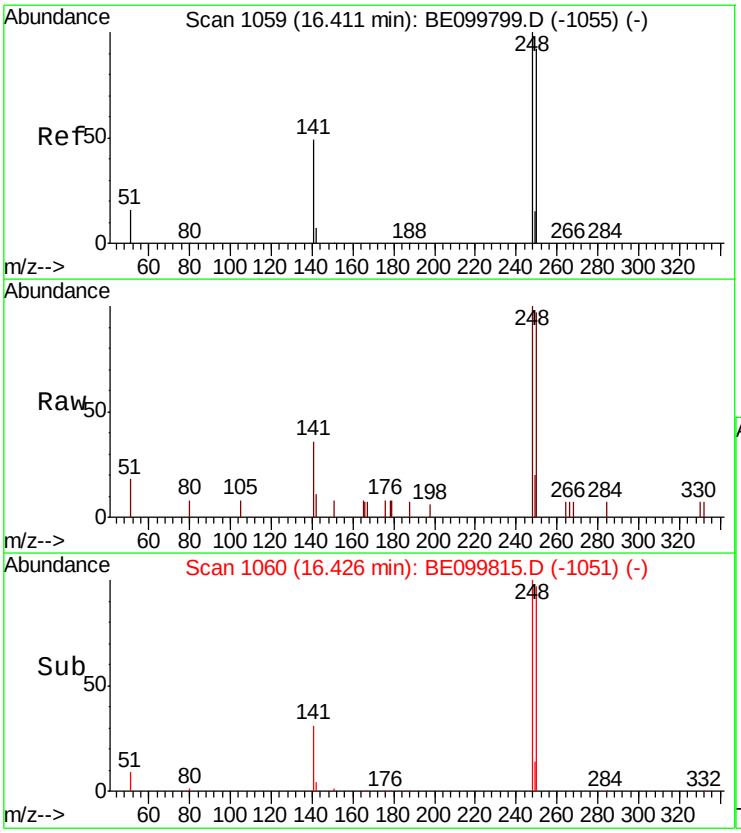
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:188 Resp: 7602

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	5.2	7.8

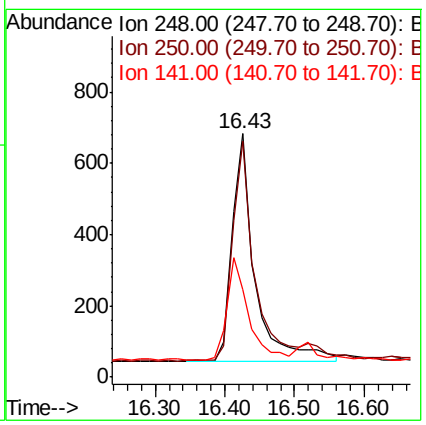


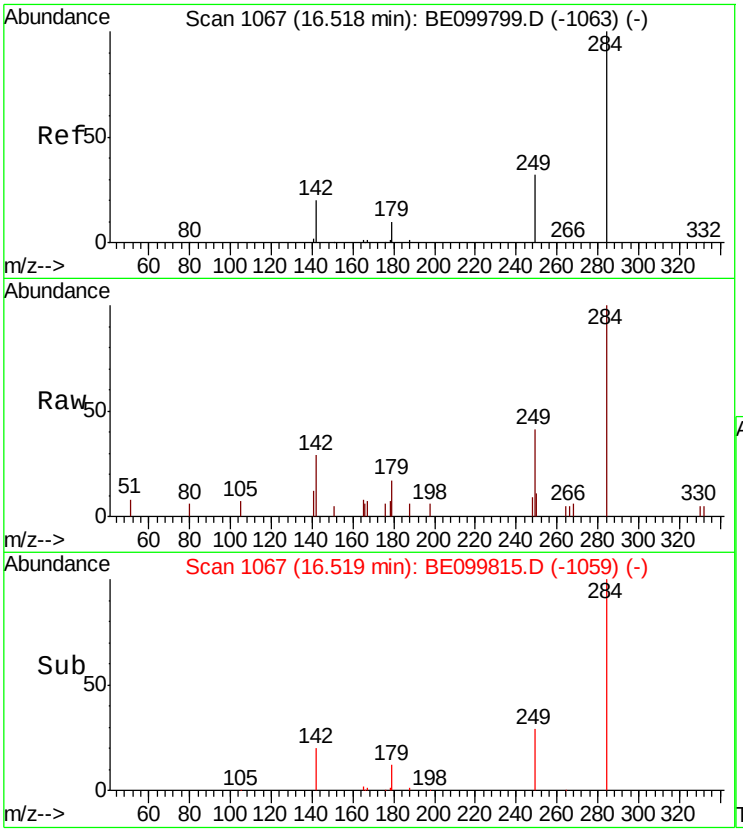


#20
4-Bromophenyl-phenylether
Concen: 0.340 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:248 Resp: 1442

Ion	Ratio	Lower	Upper
248	100		
250	97.1	73.7	110.5
141	36.2	40.9	61.3#



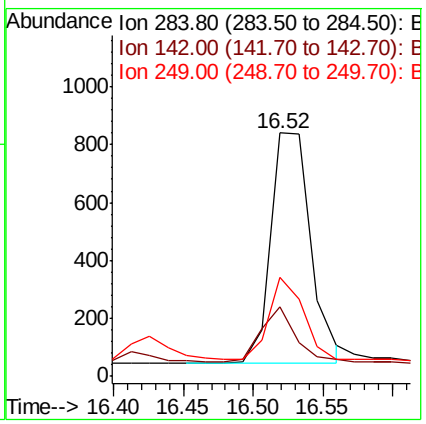


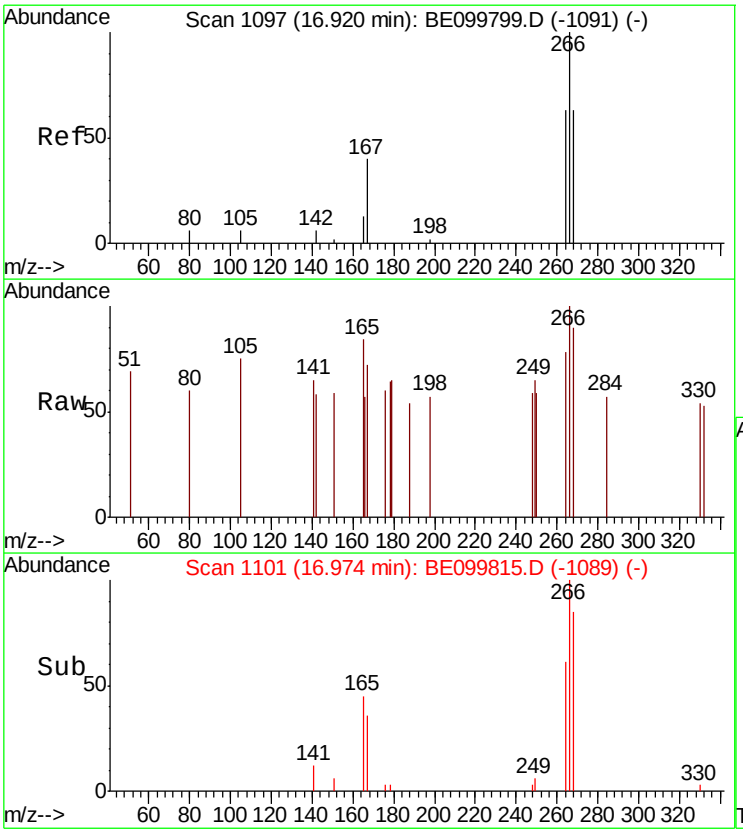
#21
Hexachlorobenzene
Concen: 0.344 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:284 Resp: 1600

Ion	Ratio	Lower	Upper
284	100		
142	20.8	16.2	24.4
249	30.6	23.1	34.7

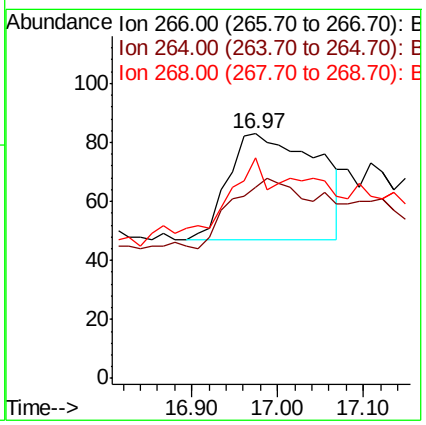


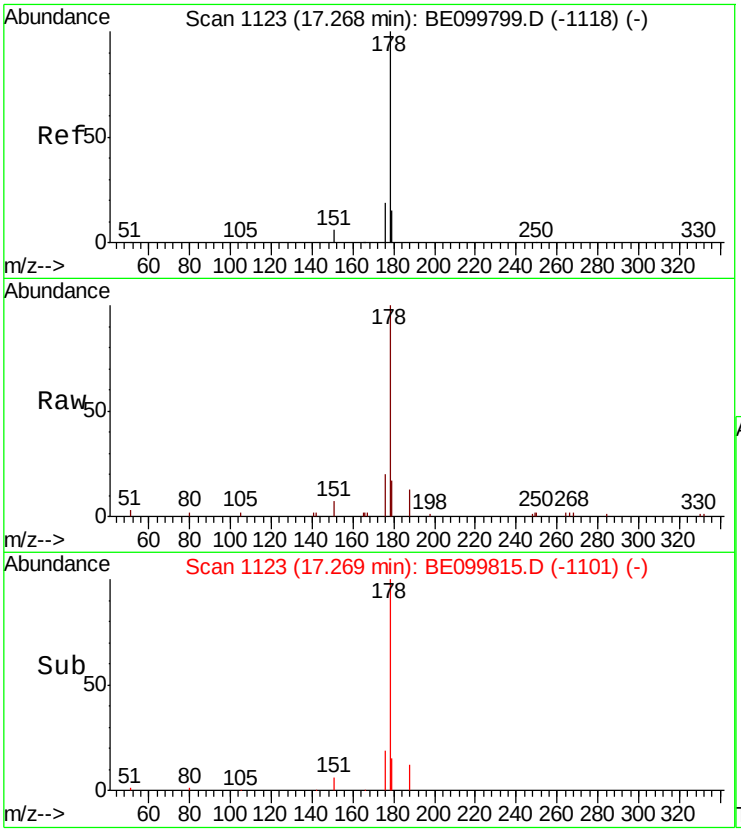


#22
Pentachlorophenol
Concen: 0.449 ng
RT: 16.97 min Scan# 1101
Delta R.T. 0.06 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:266 Resp: 259

Ion	Ratio	Lower	Upper
266	100		
264	78.3	64.9	97.3
268	90.4	64.0	96.0



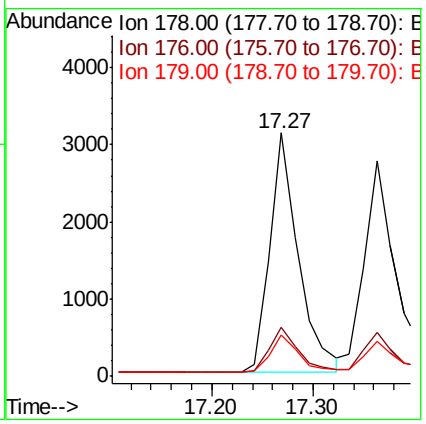


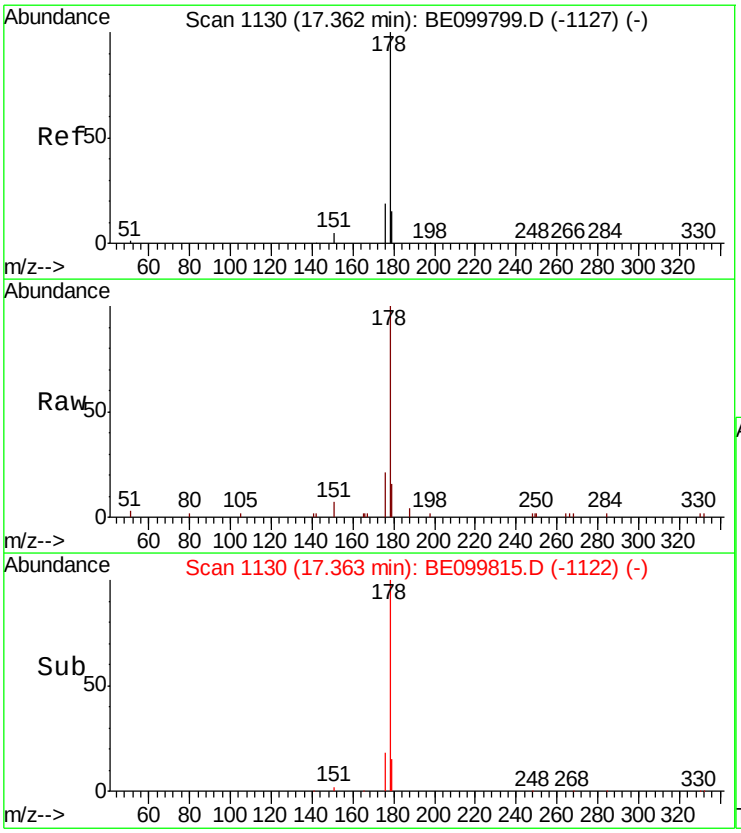
#23
Phenanthrene
Concen: 0.334 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:178 Resp: 6066

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.7	12.5	18.7

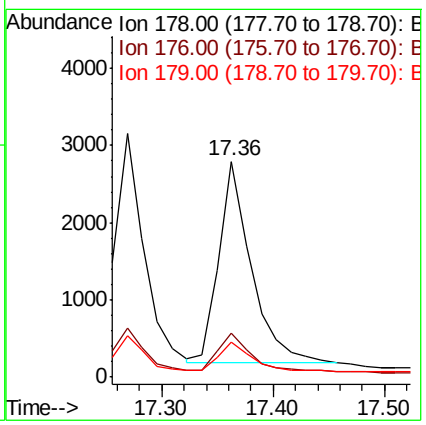


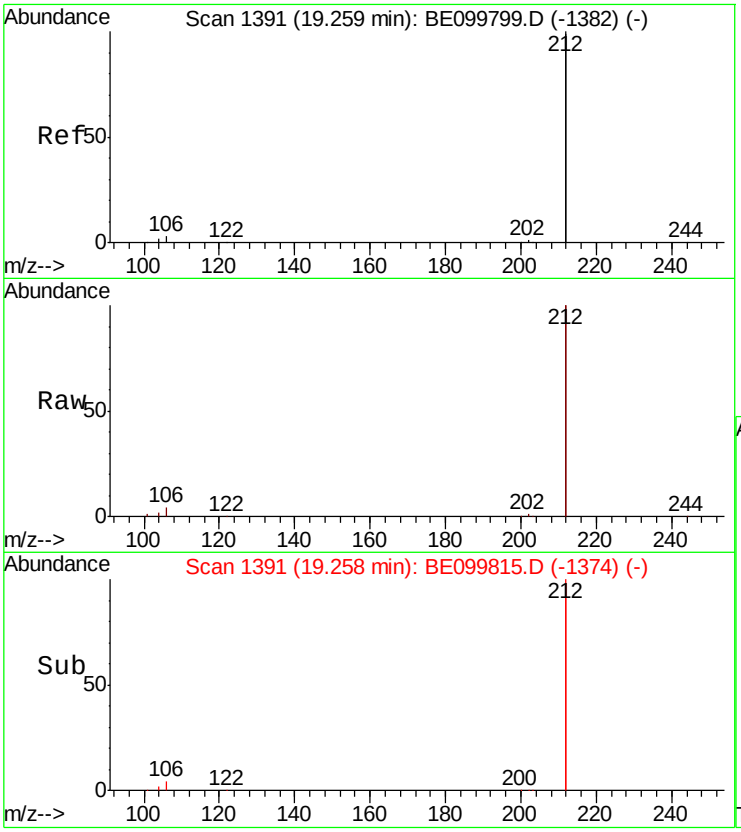


#24
Anthracene
Concen: 0.323 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:178 Resp: 5295

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	14.7	12.1	18.1



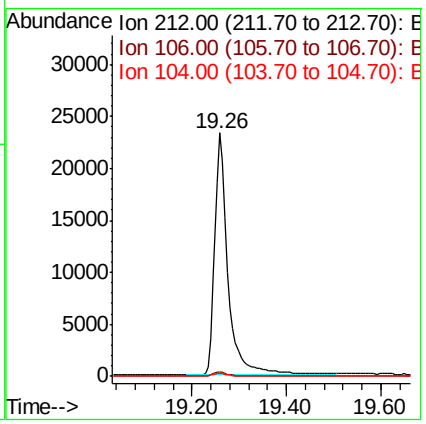


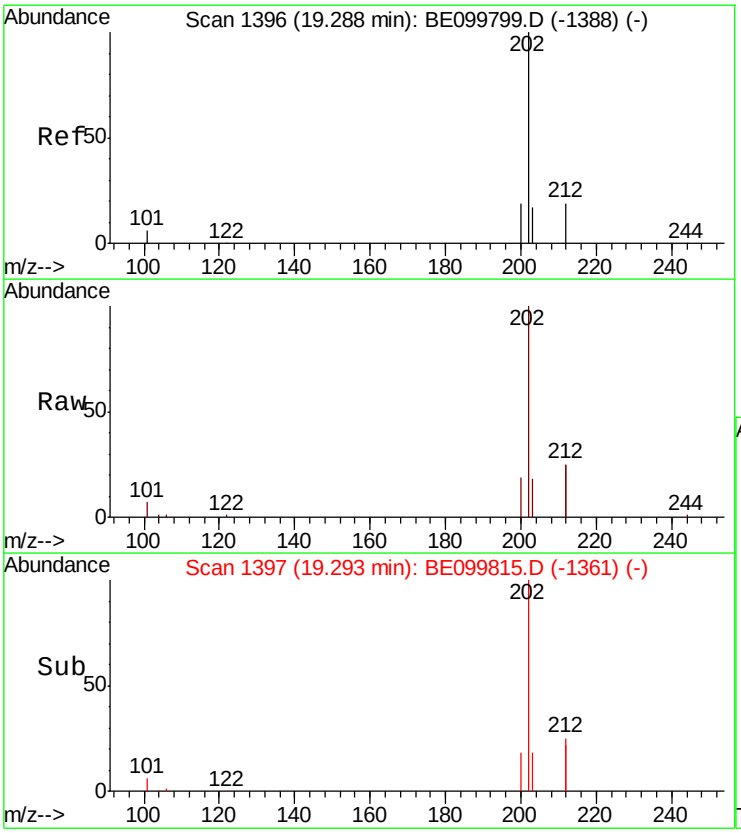
#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:212 Resp: 44784

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

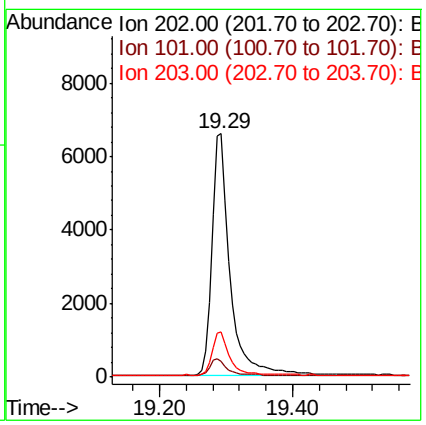


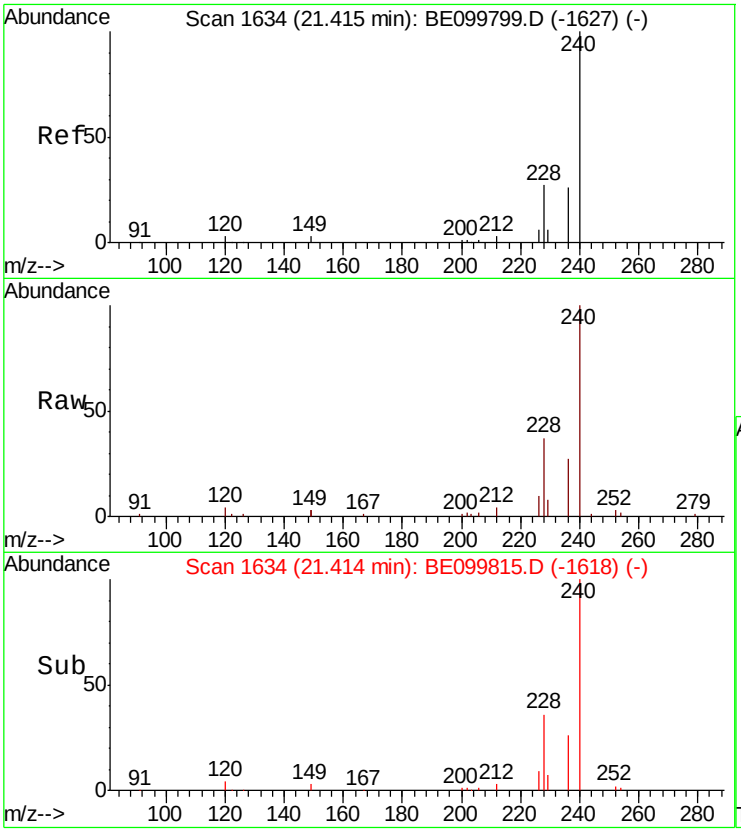


#26
Fluoranthene
Concen: 0.387 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:202 Resp: 12293

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.2	7.8
203	17.1	13.6	20.4



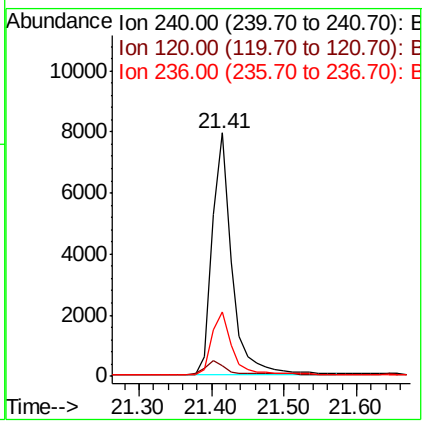


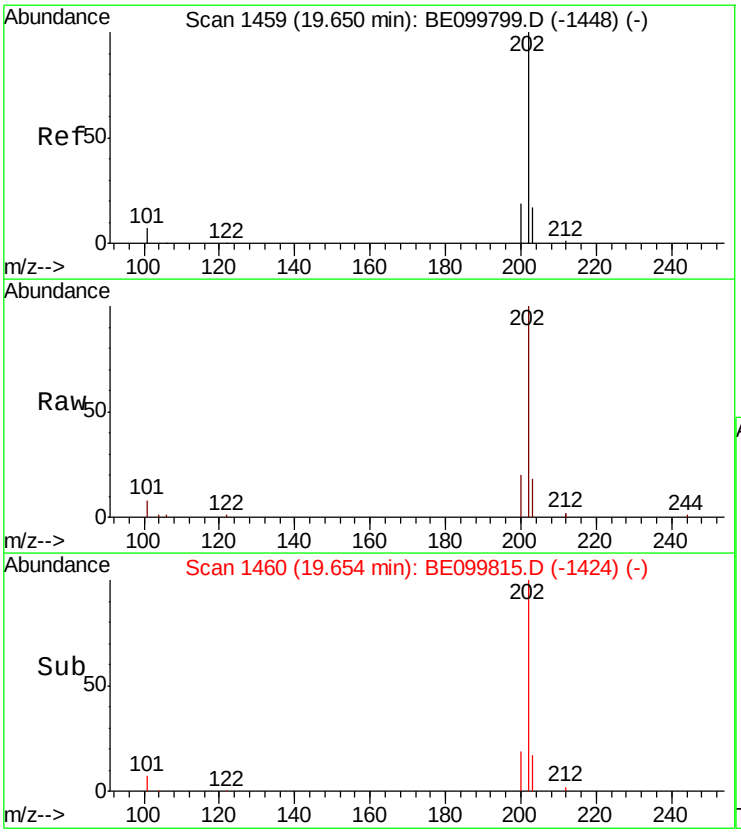
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:240 Resp: 15017

Ion	Ratio	Lower	Upper
240	100		
120	4.3	2.8	4.2#
236	26.5	20.9	31.3

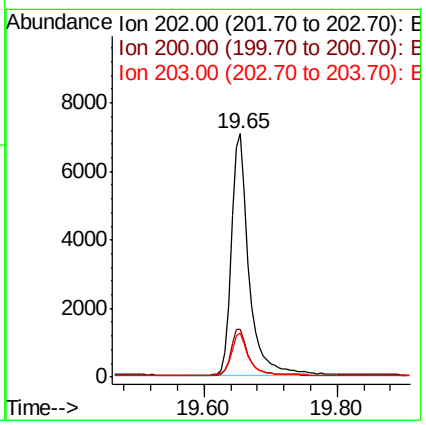


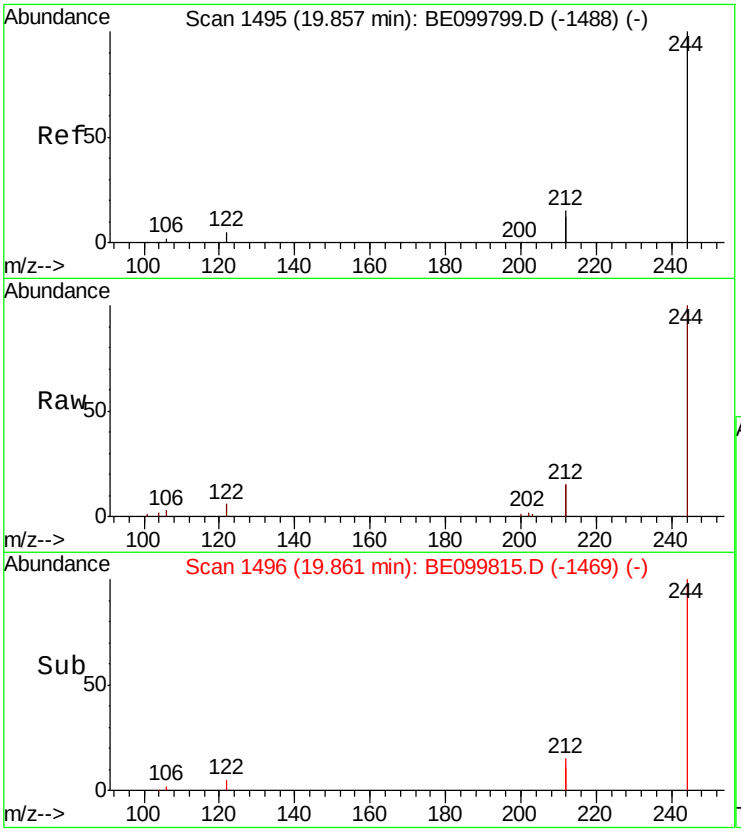


#28
Pyrene
Concen: 0.352 ng
RT: 19.65 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:202 Resp: 12760

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.7	14.1	21.1



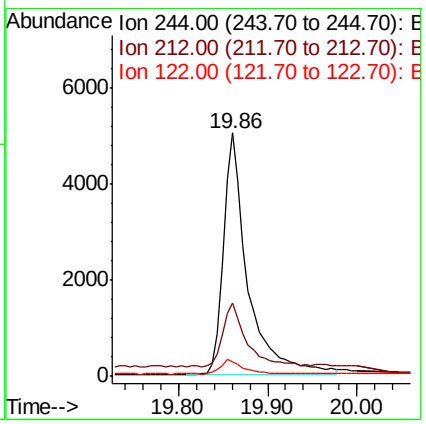


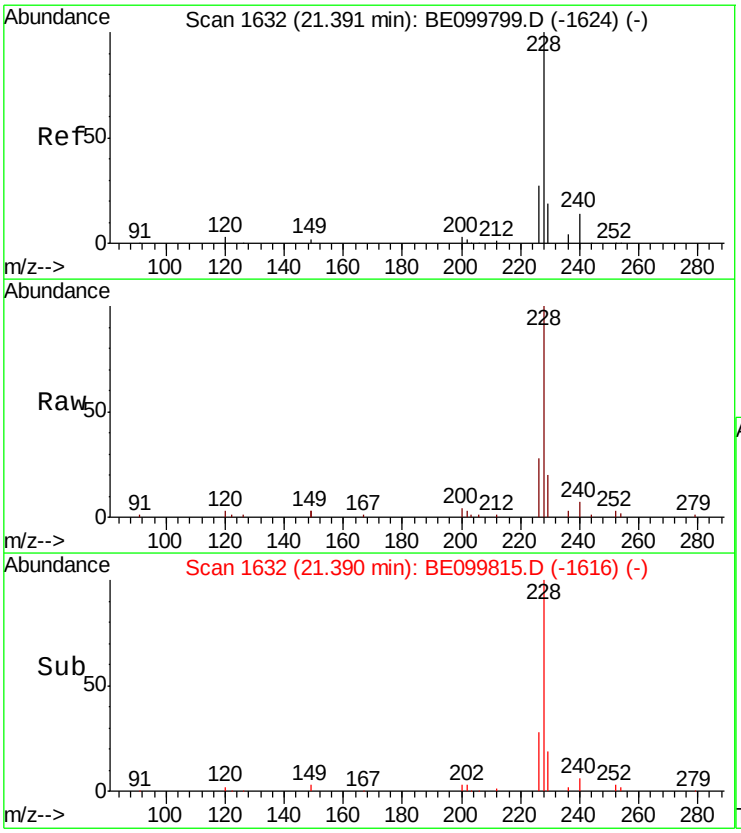
#29
Terphenyl-d14
Concen: 0.376 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:244 Resp: 9252

Ion	Ratio	Lower	Upper
244	100		
212	30.1	23.7	35.5
122	6.2	4.8	7.2

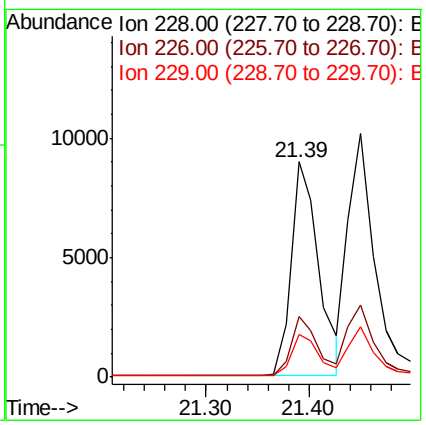


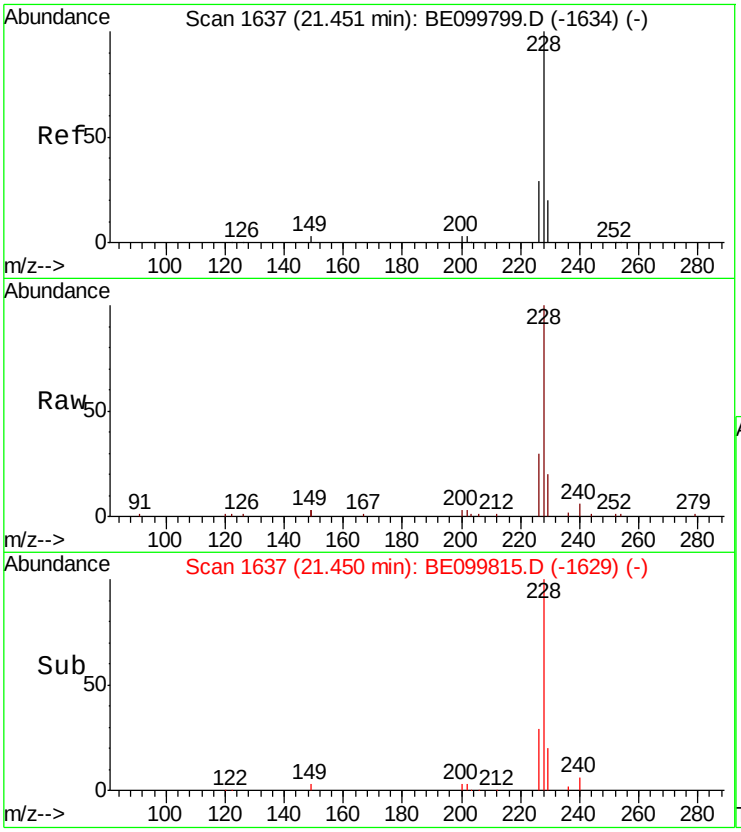


#30
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:228 Resp: 16823

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.6	32.4
229	19.6	15.8	23.6



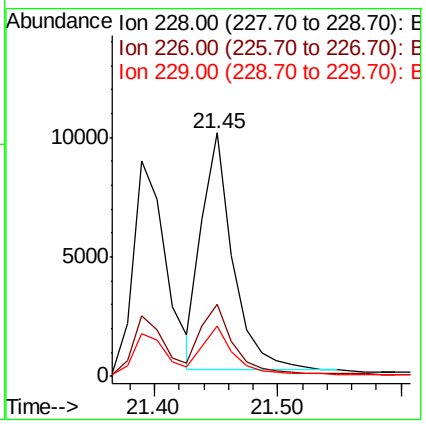


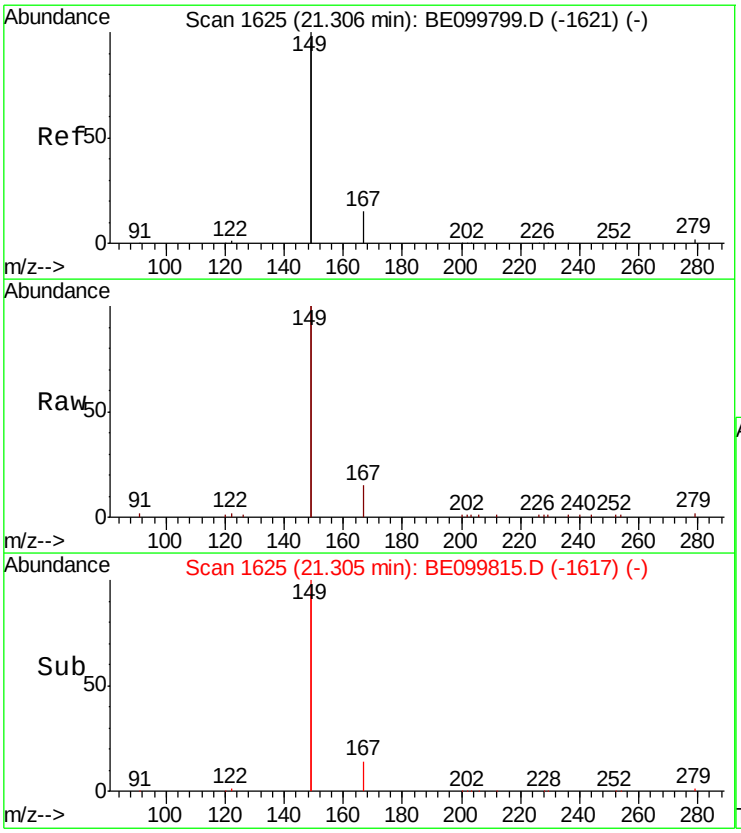
#31
Chrysene
Concen: 0.382 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:228 Resp: 17496

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.9	34.3
229	20.4	16.4	24.6

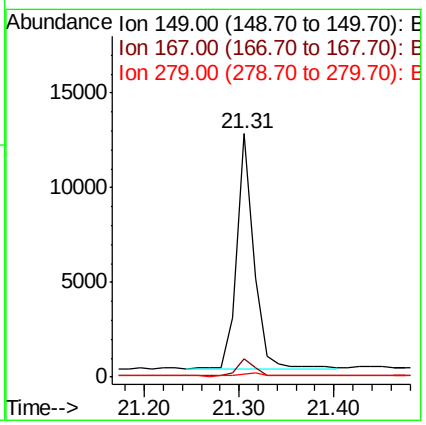


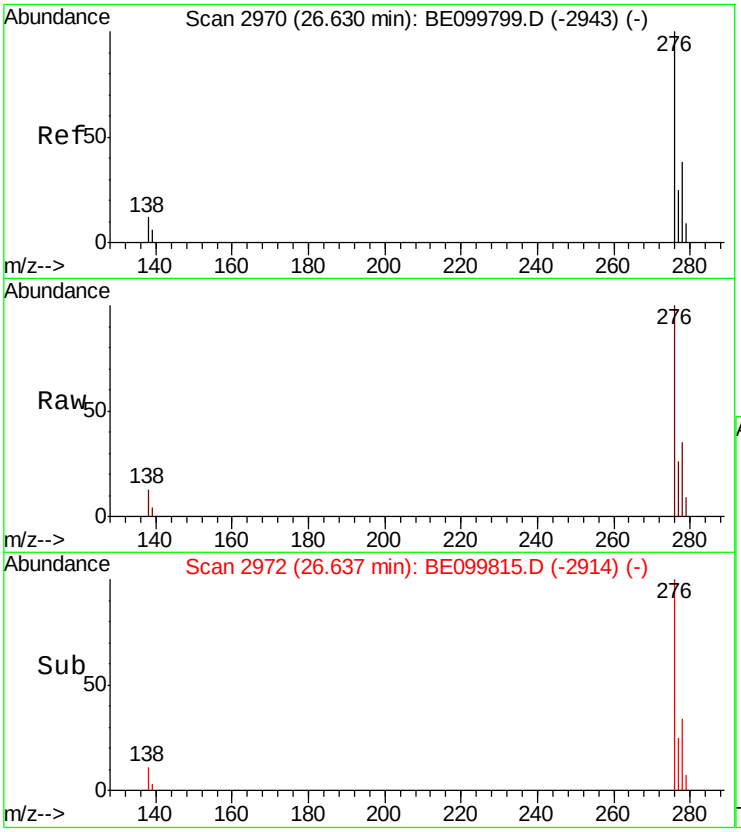


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.326 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:149 Resp: 15536

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.6	1.2	1.8



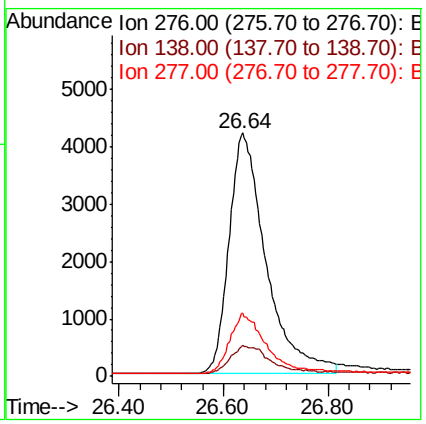


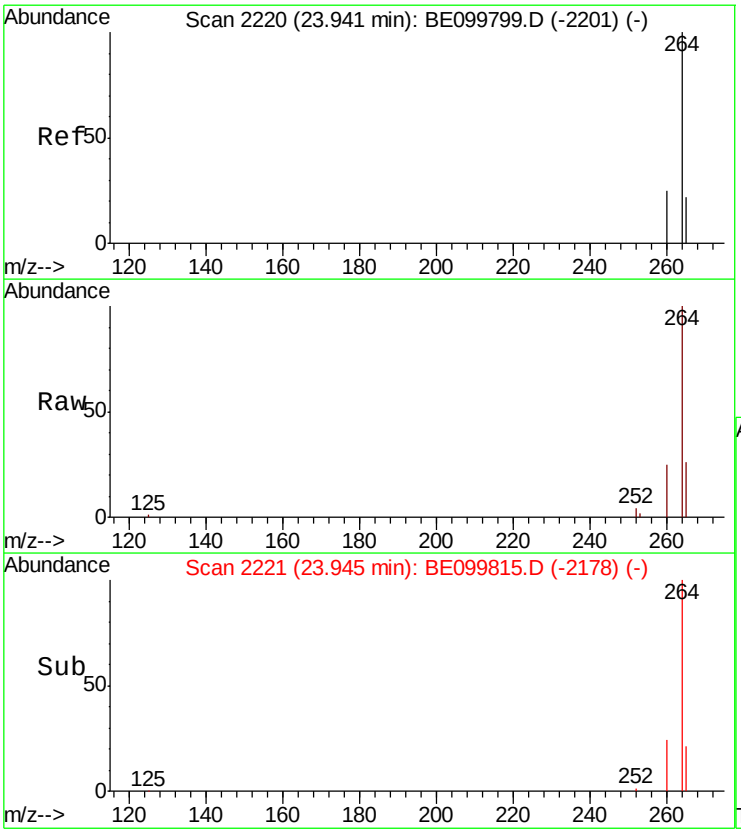
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 26.64 min Scan# 2972
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:276 Resp: 20655

Ion	Ratio	Lower	Upper
276	100		
138	12.0	10.3	15.5
277	24.0	19.4	29.2

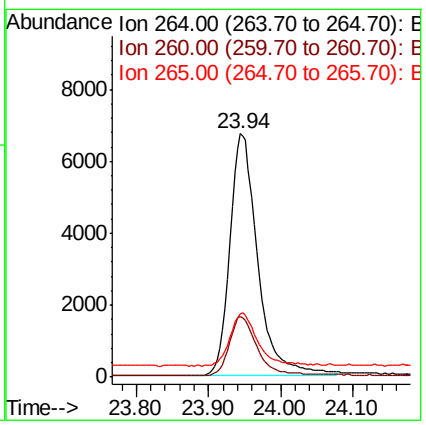


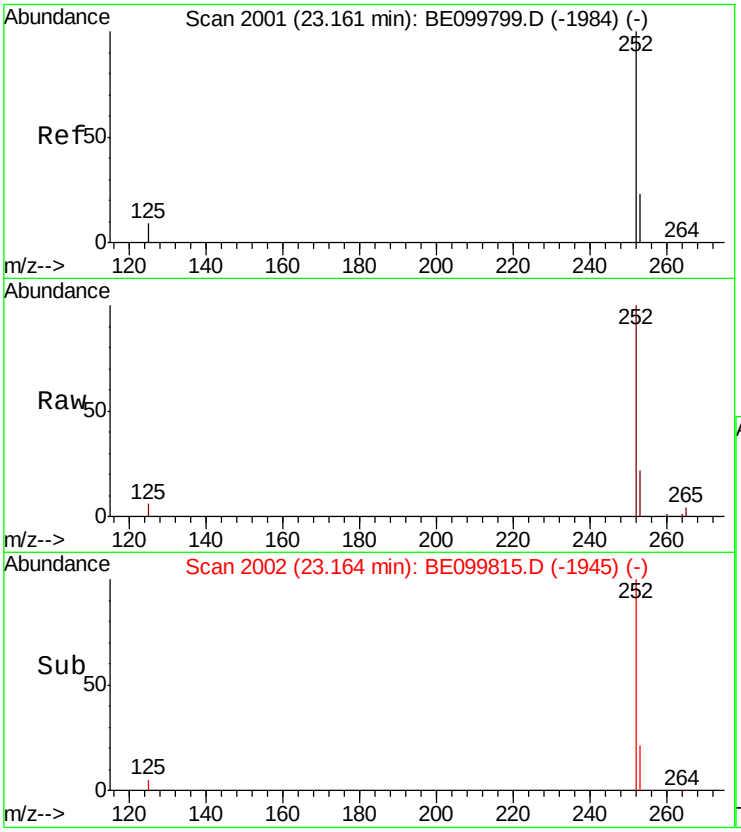


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:264 Resp: 17501

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	26.0	20.7	31.1



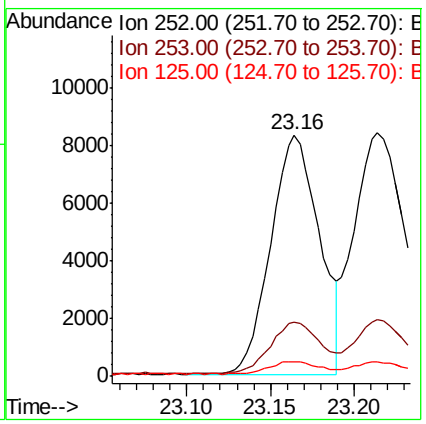


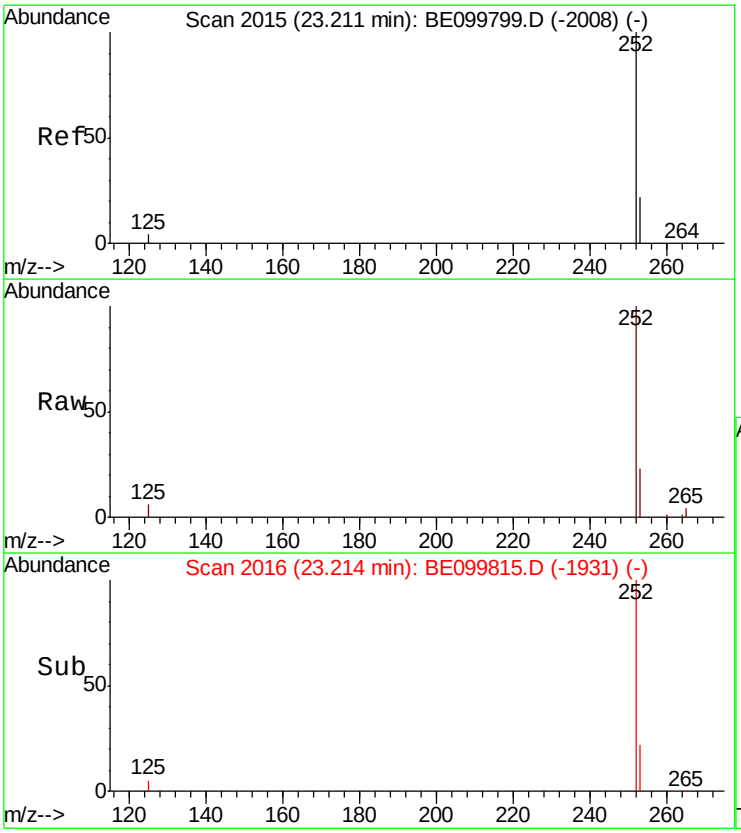
#35
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.16 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:252 Resp: 16821

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	5.9	7.6	11.4#

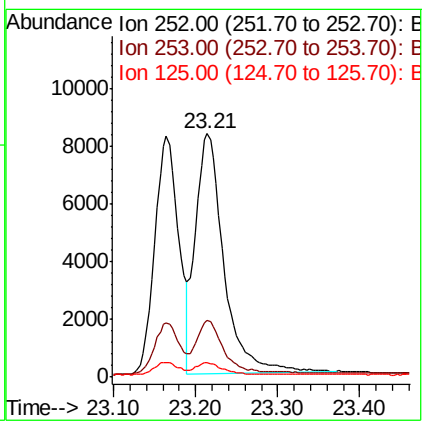


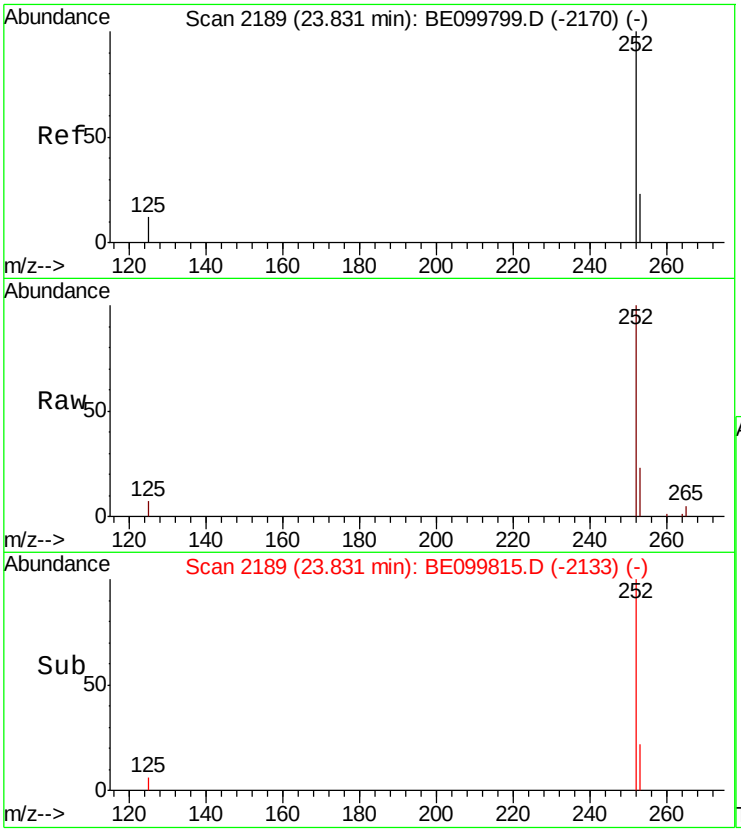


#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:252 Resp: 19945

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.1	4.6	7.0



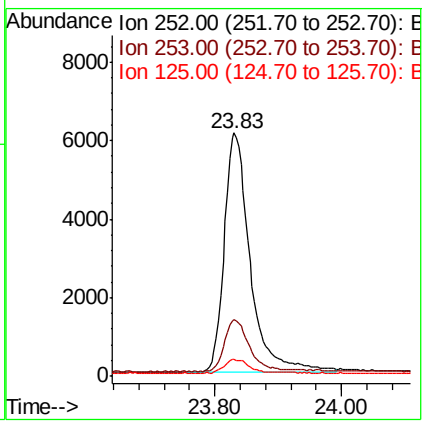


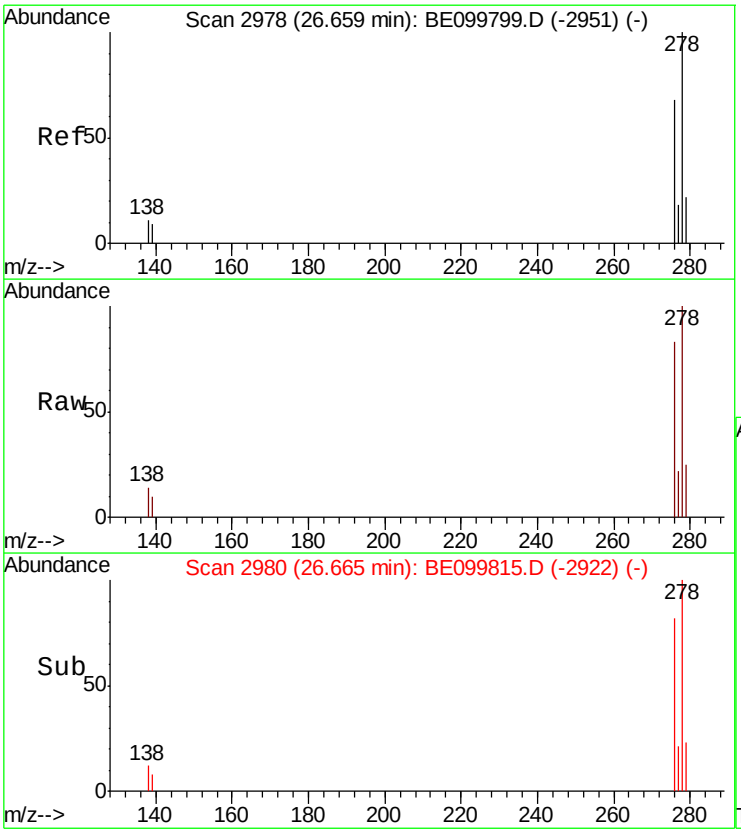
#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:252 Resp: 17486

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	6.8	10.2	15.4#

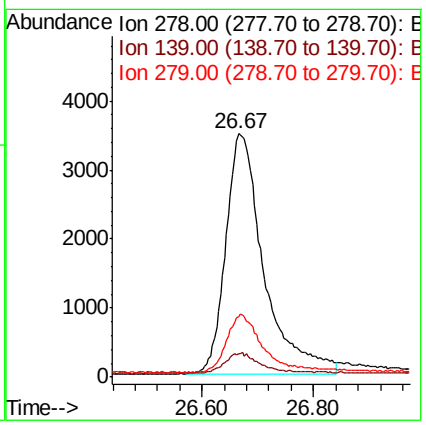


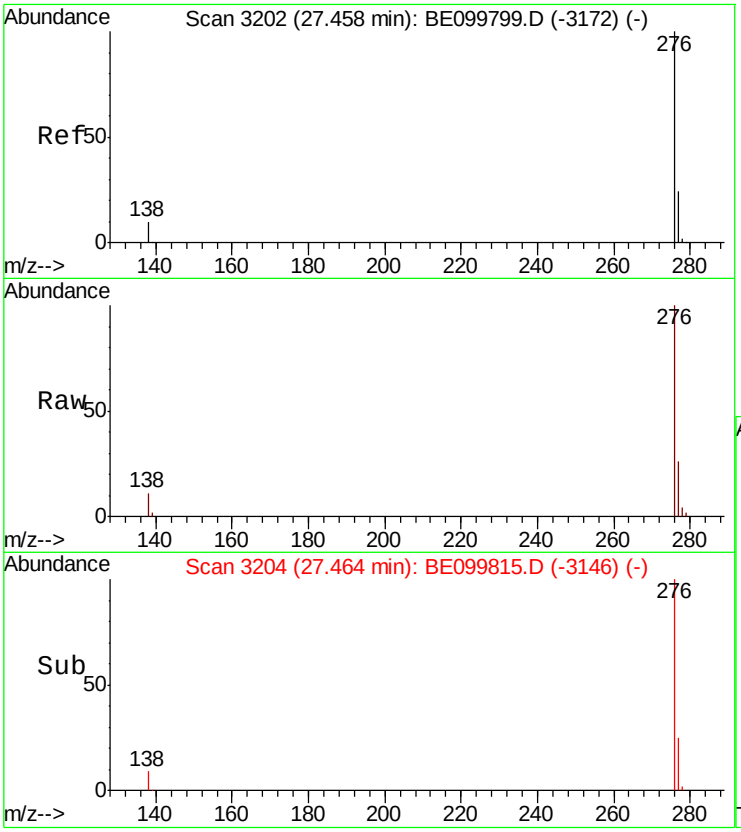


#38
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 26.67 min Scan# 2980
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Tgt Ion:278 Resp: 16496

Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.9	11.9
279	25.0	18.5	27.7





#39
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 27.46 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BE099815.D
Acq: 6 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :
PB120314BS

Tgt Ion:276 Resp: 18366

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.6	29.4
138	10.7	9.0	13.4