Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099892.D
Acq On : 10 Jun 2019 16:16
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE061019

Quant Time: Jun 10 18:09:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	772	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2807	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	2136	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	7024	0.40	ng	0.01
27) Chrysene-d12	21.40	240	9287	0.40	ng	0.00
34) Perylene-d12	23.94	264	10616	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	776	0.37	ng	0.02
5) Phenol-d6	6.99	99	1013	0.38	ng	0.02
8) Nitrobenzene-d5	8.98	82	988	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1944	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	536	0.34	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	3143	0.39	ng	0.01
25) Fluoranthene-d10	19.26	212	37726	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	7168	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	473	0.414	ng	# 86
3) n-Nitrosodimethylamine	3.61	42	244	0.370	ng	# 100
6) bis(2-Chloroethyl)ether	7.24	93	934	0.426	ng	77
9) Naphthalene	10.67	128	12122	0.400	ng	100
10) Hexachlorobutadiene	10.94	225	943	0.408	ng	97
12) 2-Methylnaphthalene	12.30	142	1951	0.396	ng	97
16) Acenaphthylene	14.20	152	4137	0.389	ng	99
17) Acenaphthene	14.54	154	2239	0.387	ng	99
18) Fluorene	15.53	166	3378	0.389	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	1572	0.395	ng	96
21) Hexachlorobenzene	16.53	284	1609	0.396	ng	99
22) Pentachlorophenol	16.93	266	276	0.441	ng	99
23) Phenanthrene	17.27	178	6605	0.388	ng	100
24) Anthracene	17.36	178	5807	0.372	ng	98
26) Fluoranthene	19.29	202	10690	0.369	ng	99
28) Pyrene	19.65	202	11002	0.451	ng	100
30) Benzo(a)anthracene	21.39	228	11166	0.402	ng	98
31) Chrysene	21.45	228	12792	0.446	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	16188	0.406	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	14151	0.416	ng	98
35) Benzo(b)fluoranthene	23.16	252	11351	0.382	ng	100
36) Benzo(k)fluoranthene	23.21	252	12169	0.391	ng	99
37) Benzo(a)pyrene	23.83	252	11434	0.390	ng	99
38) Dibenzo(a,h)anthracene	26.66	278	11226	0.380	ng	97
39) Benzo(g,h,i)perylene	27.46	276	12122	0.398	ng	100

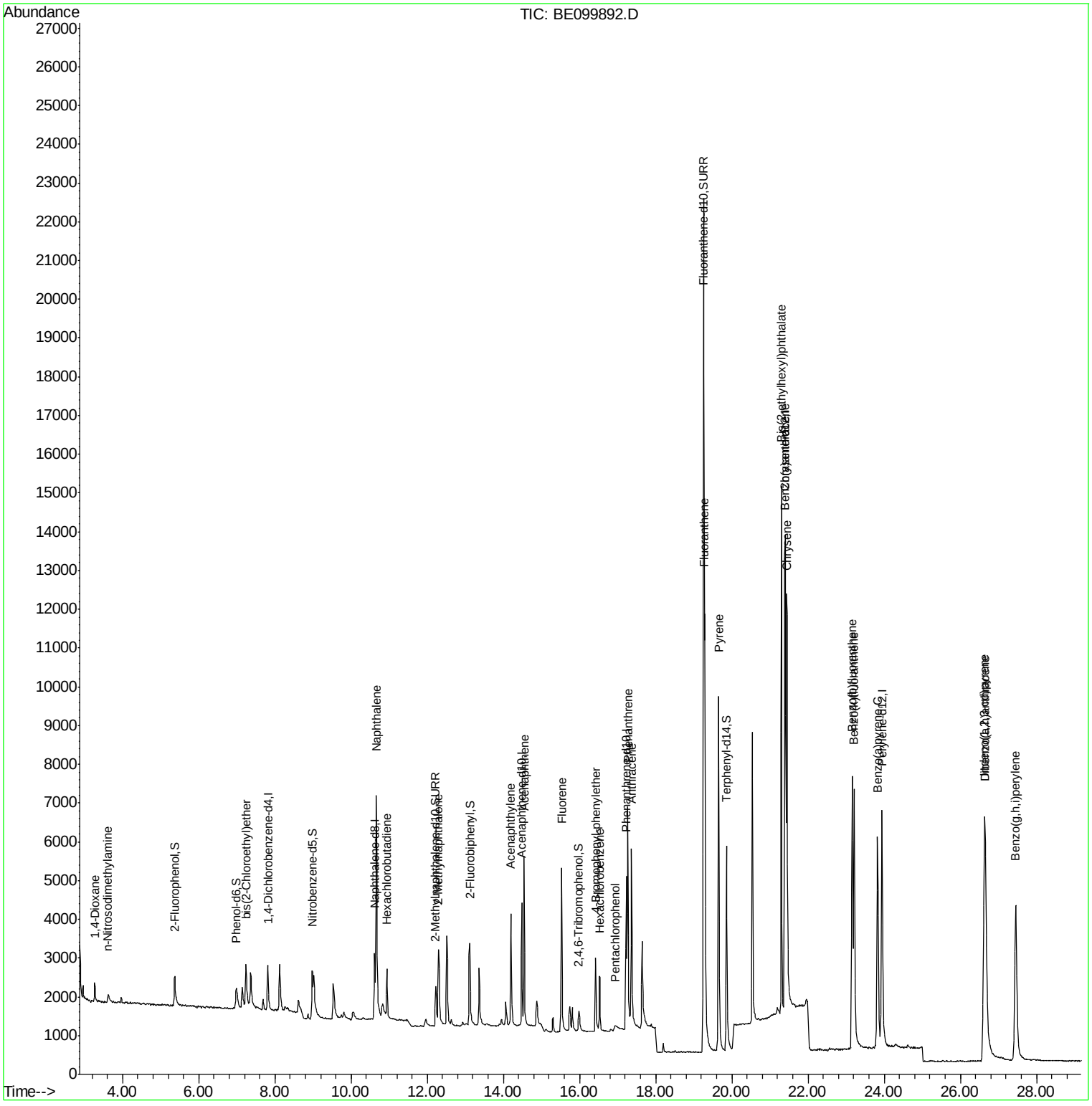
(#) = qualifier out of range (m) = manual integration (+) = signals summed

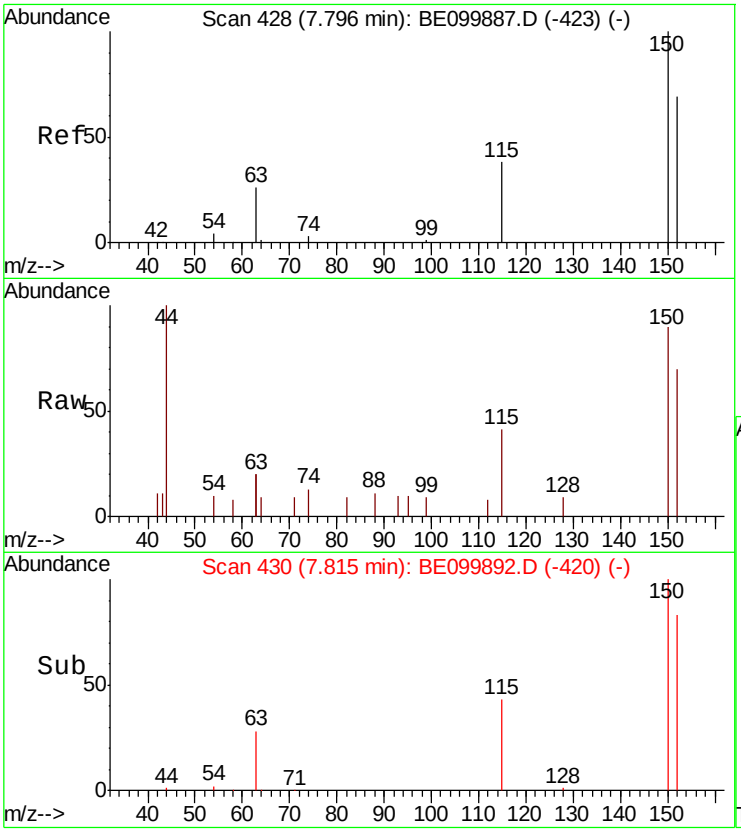
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099892.D
Acq On : 10 Jun 2019 16:16
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Quant Time: Jun 10 18:09:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



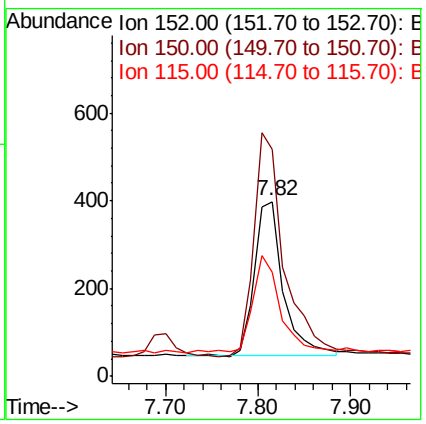


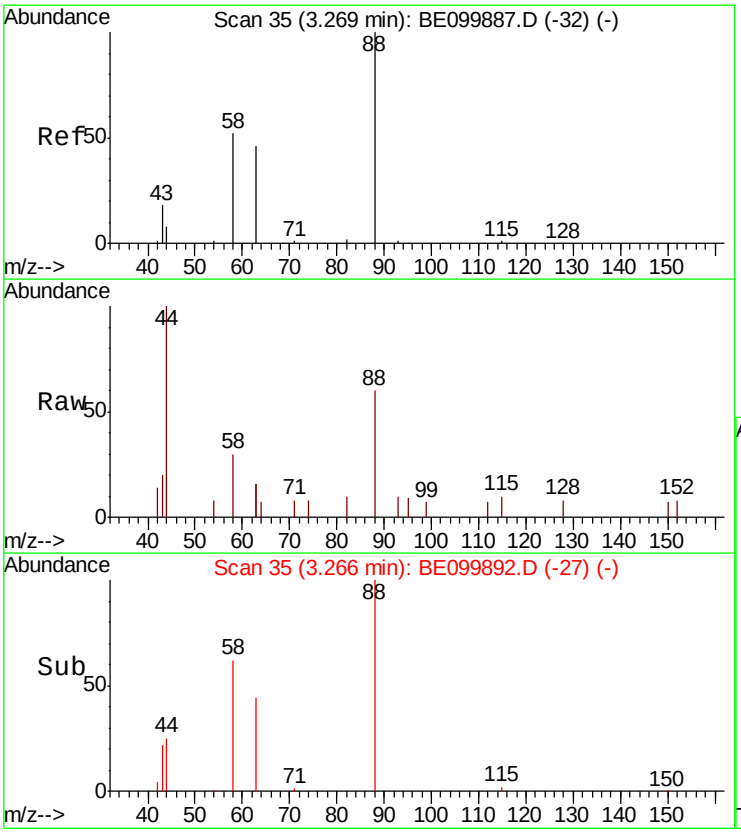
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:152 Resp: 772

Ion	Ratio	Lower	Upper
152	100		
150	129.6	111.0	166.6
115	59.3	50.7	76.1

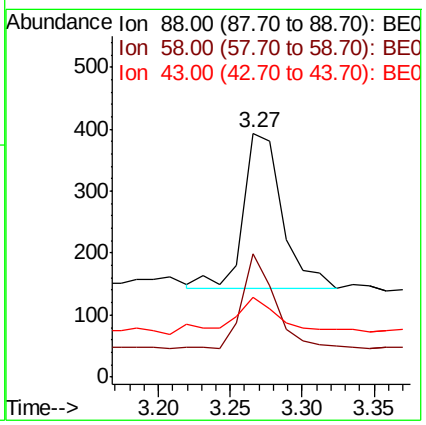


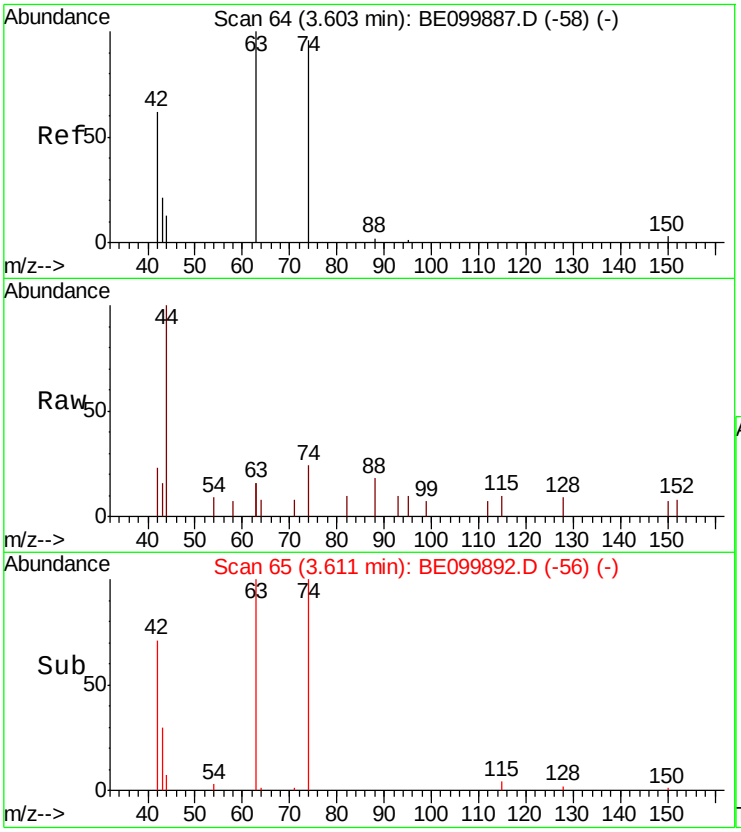


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion: 88 Resp: 473

Ion	Ratio	Lower	Upper
88	100		
58	49.9	48.8	73.2
43	30.2	19.0	28.6#



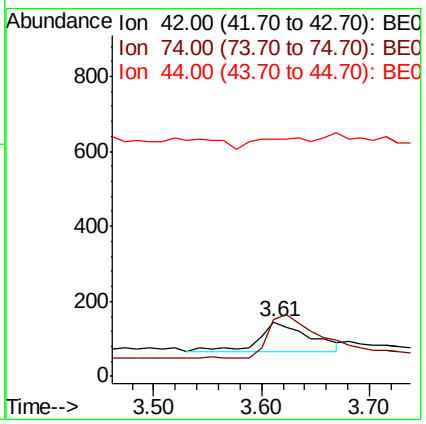


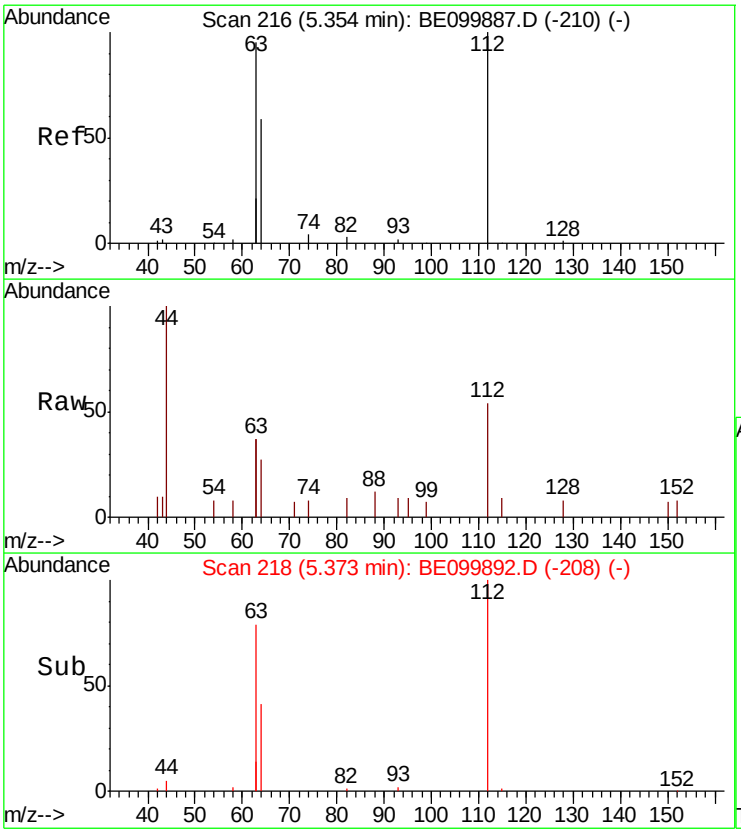
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion: 42 Resp: 244

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

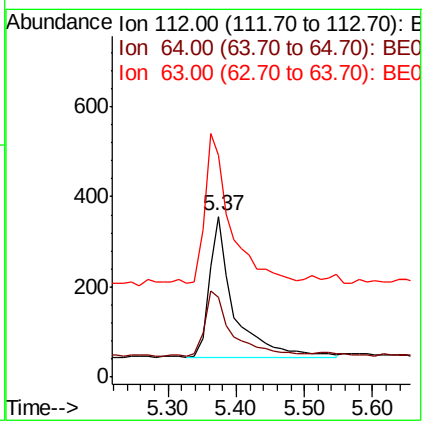


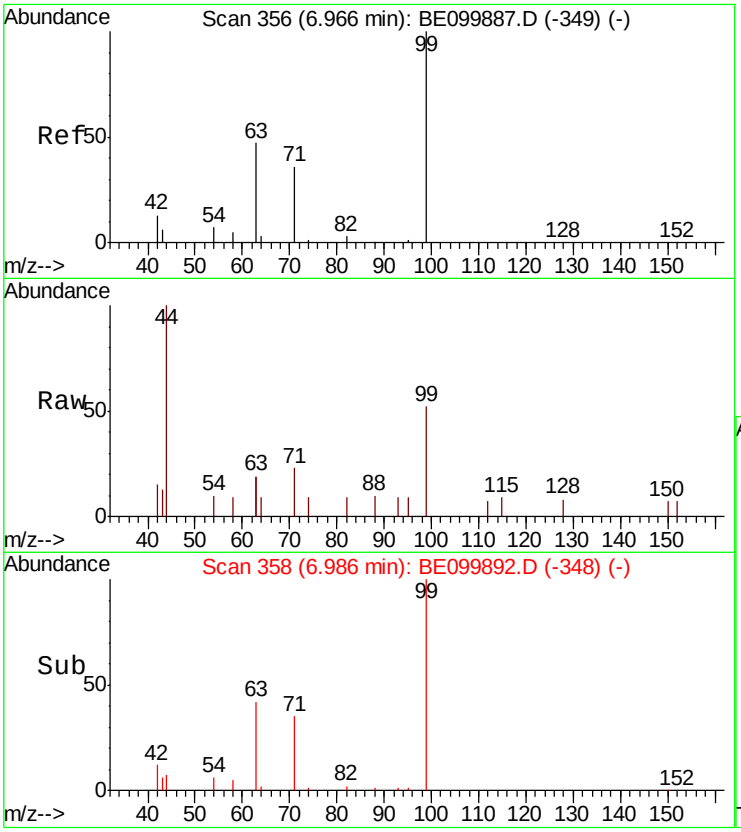


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.02 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:112 Resp: 776

Ion	Ratio	Lower	Upper
112	100		
64	51.4	44.1	66.1
63	110.1	87.8	131.6



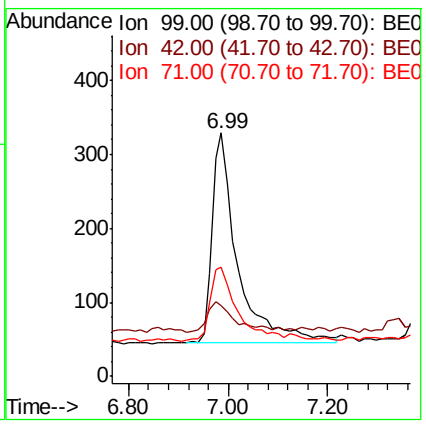


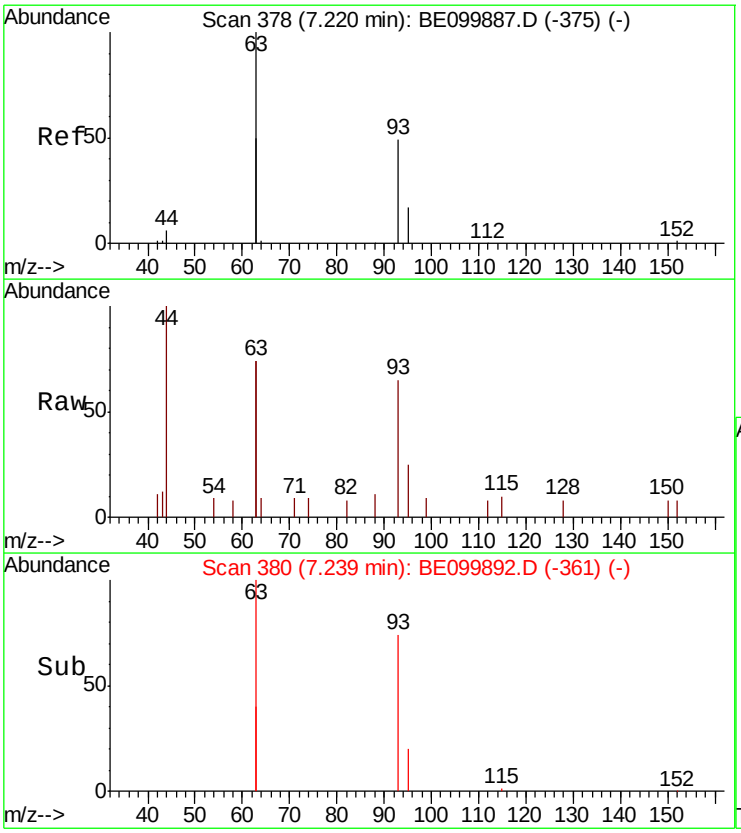
#5
Phenol-d6
Concen: 0.377 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.02 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion: 99 Resp: 1013

Ion	Ratio	Lower	Upper
99	100		
42	14.9	15.9	23.9#
71	38.0	34.6	52.0

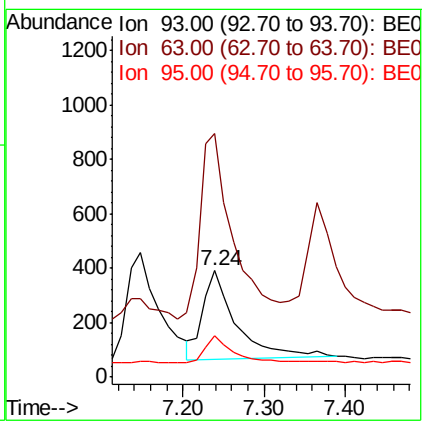


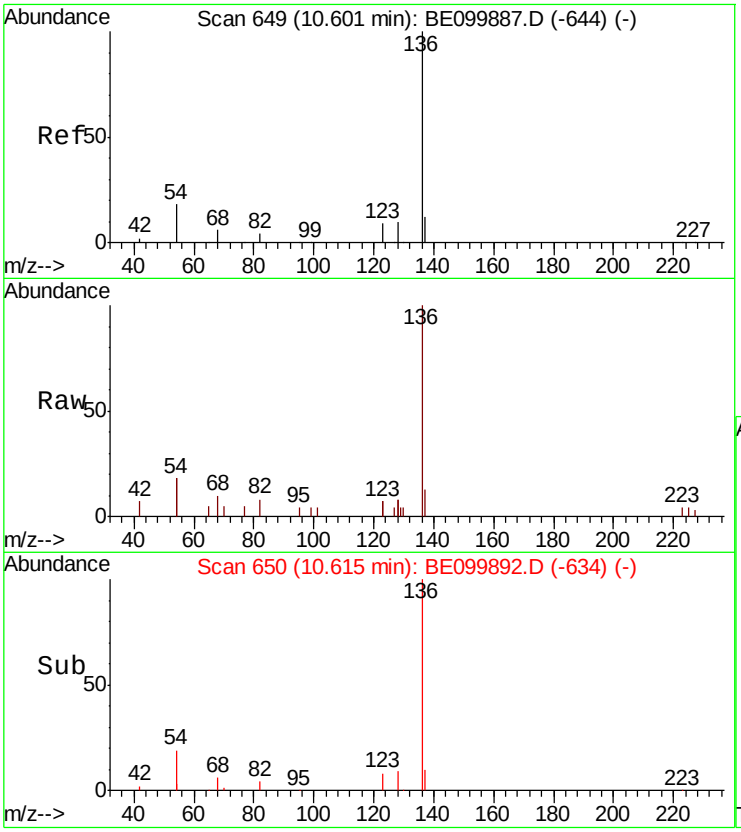


#6
bis(2-Chloroethyl)ether
Concen: 0.426 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion: 93 Resp: 934

Ion	Ratio	Lower	Upper
93	100		
63	207.7	202.8	304.2
95	28.9	23.7	35.5



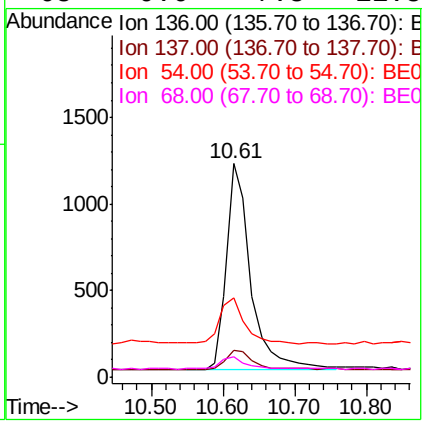


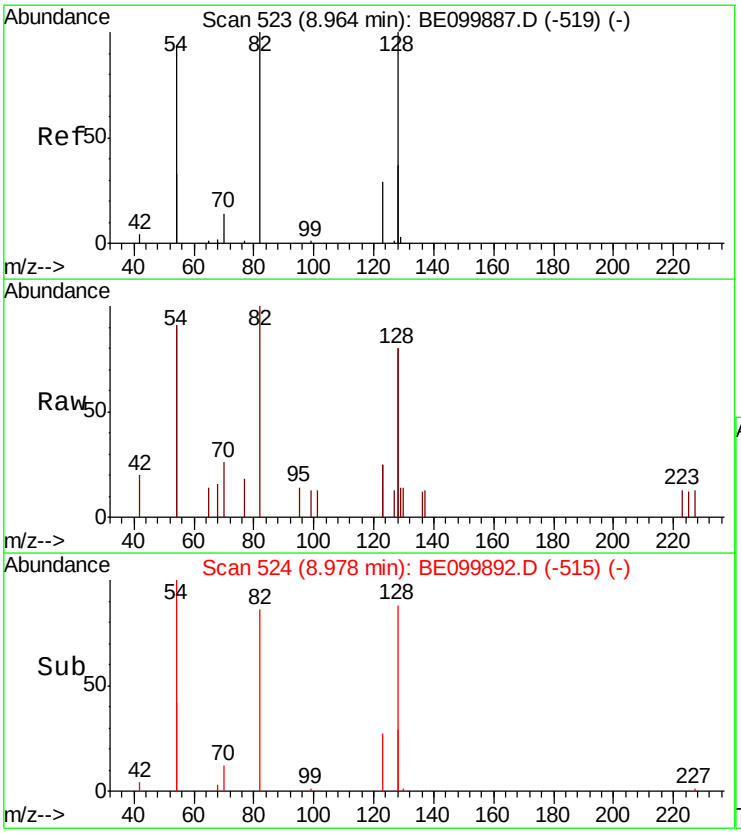
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:136 Resp: 2807

Ion	Ratio	Lower	Upper
136	100		
137	12.9	12.3	18.5
54	37.0	28.2	42.4
68	9.6	7.8	11.8

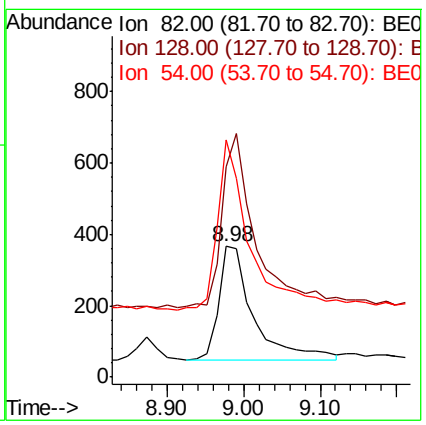


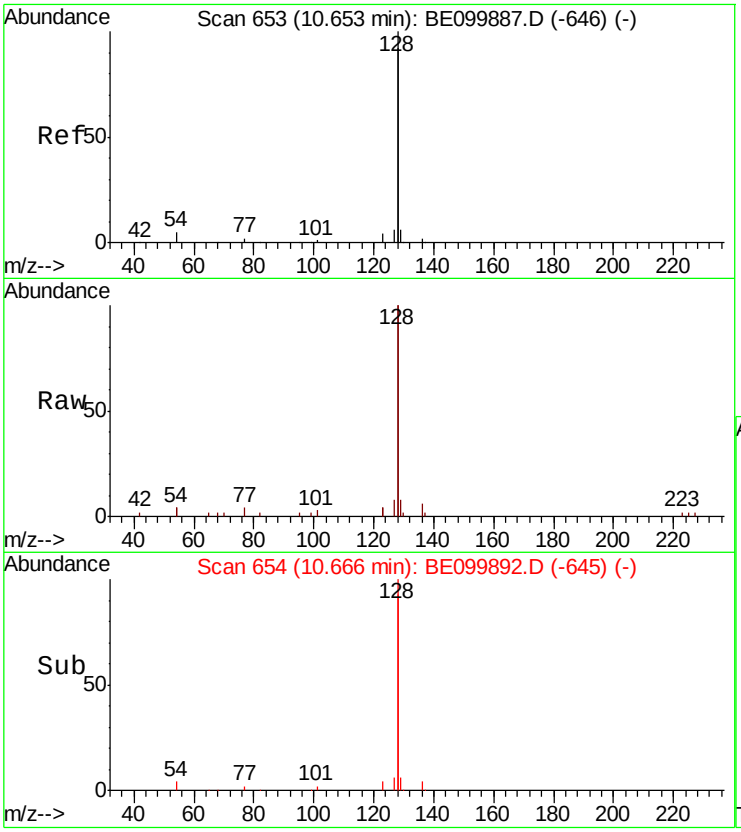


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion: 82 Resp: 988

Ion	Ratio	Lower	Upper
82	100		
128	160.7	137.3	205.9
54	182.0	129.7	194.5



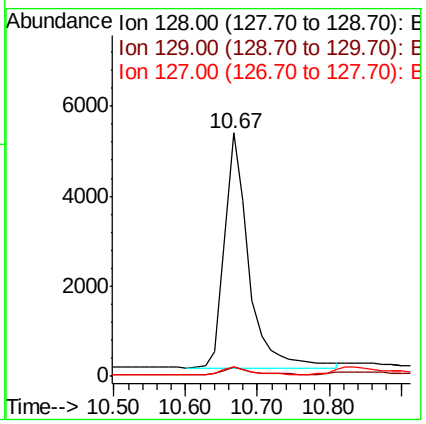


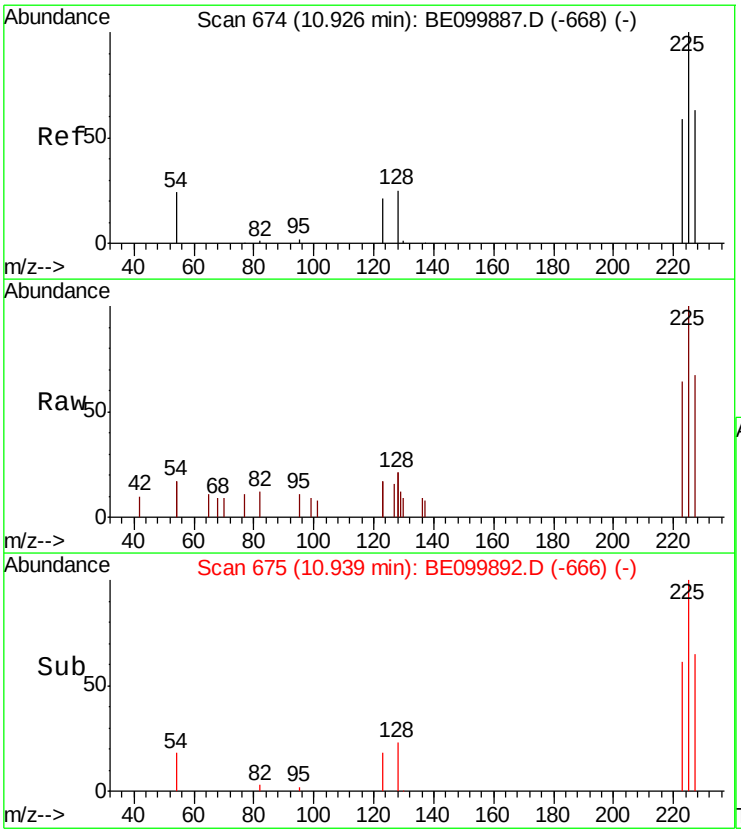
#9
Naphthalene
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:128 Resp: 12122

Ion	Ratio	Lower	Upper
128	100		
129	3.8	3.0	4.6
127	4.0	3.4	5.0

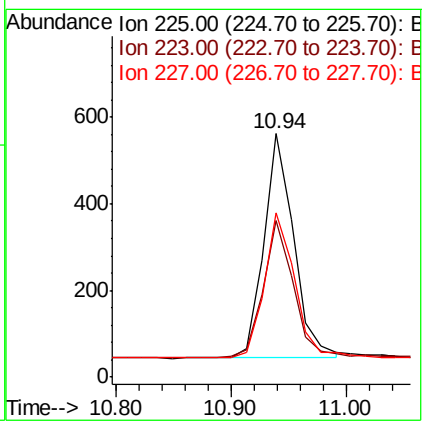


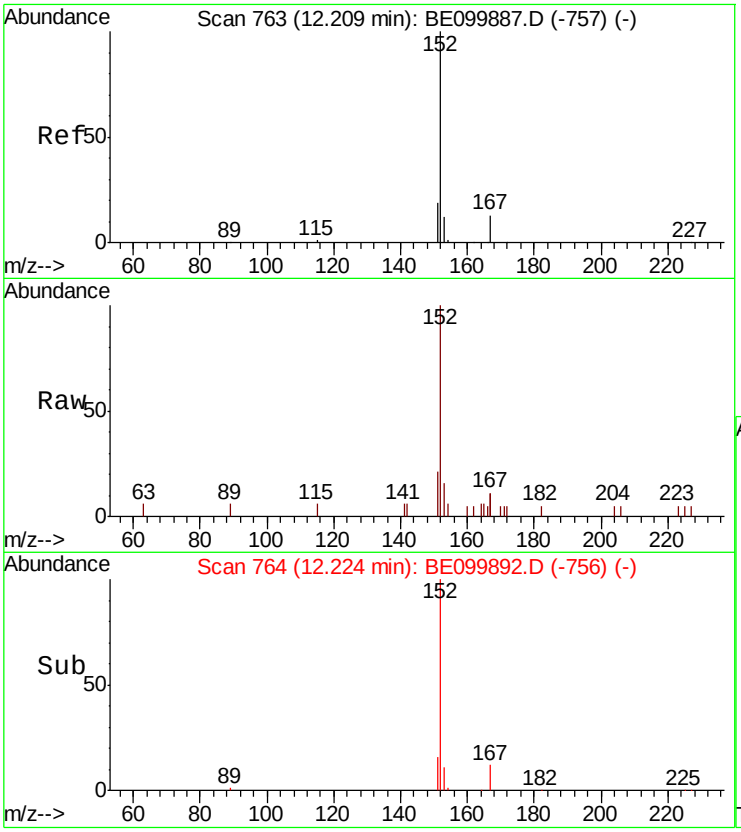


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:225 Resp: 943

Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.6	77.4
227	64.8	50.6	76.0



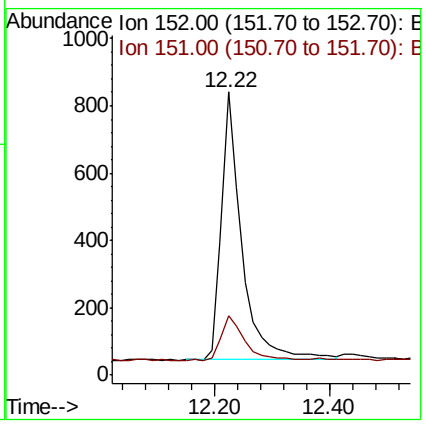


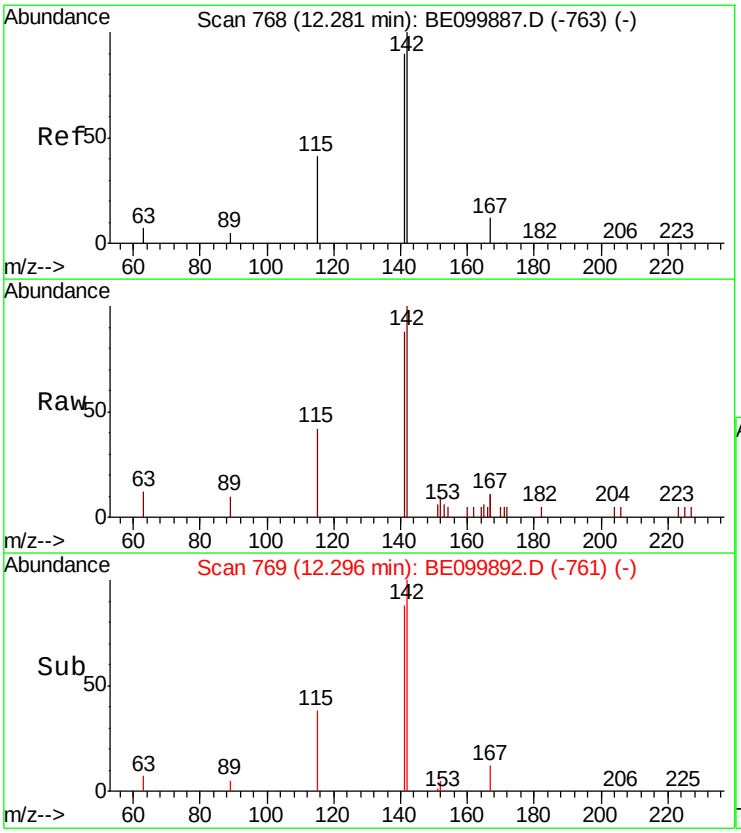
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:152 Resp: 1944

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8

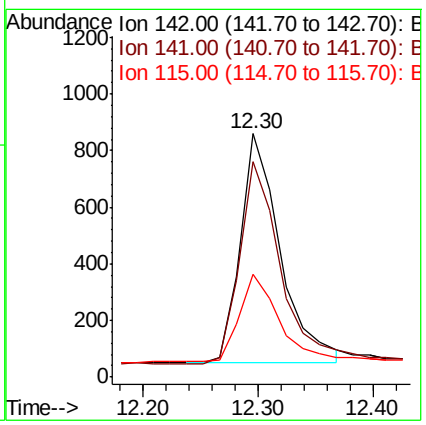


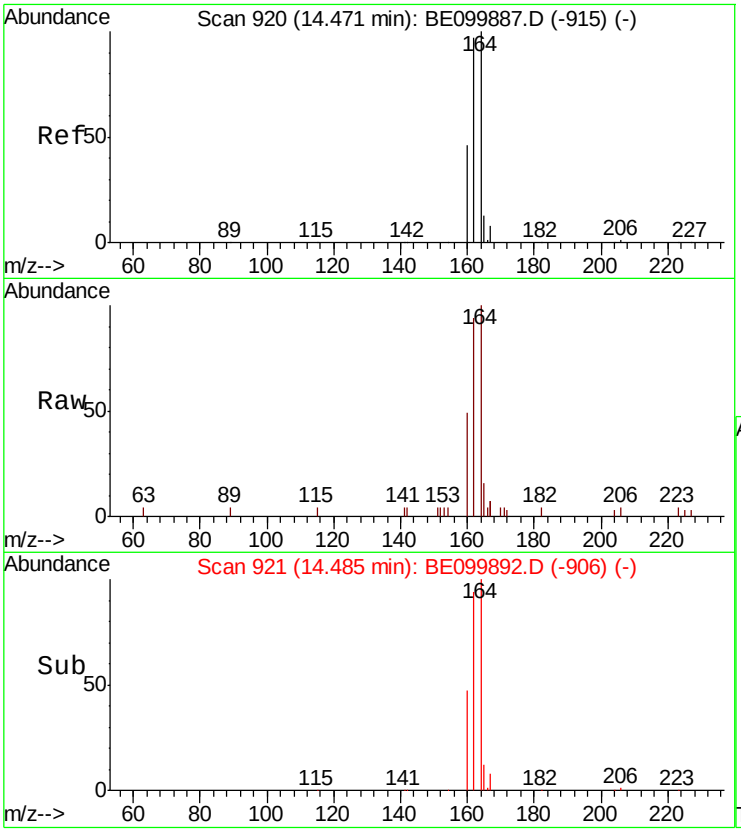


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:142 Resp: 1951

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.3	108.5
115	42.0	36.4	54.6



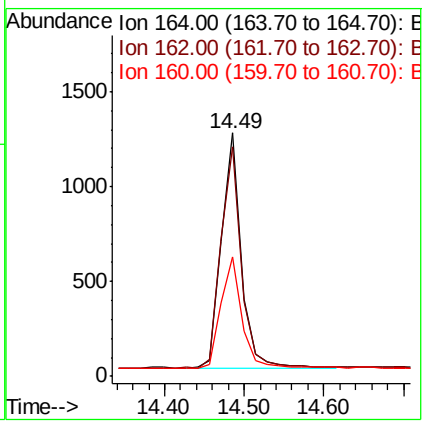


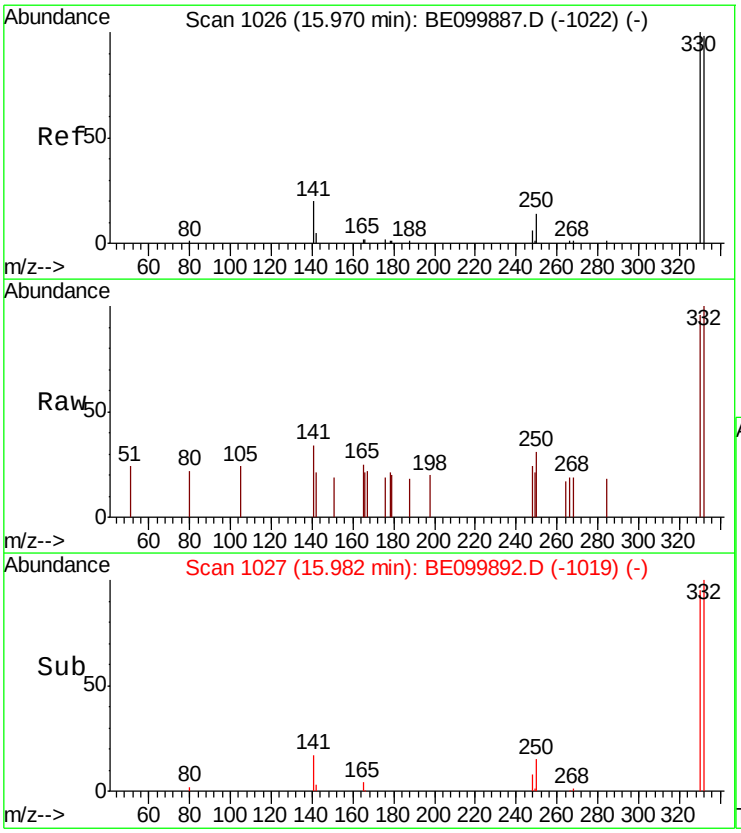
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:164 Resp: 2136

Ion	Ratio	Lower	Upper
164	100		
162	94.2	77.8	116.8
160	48.9	38.2	57.4

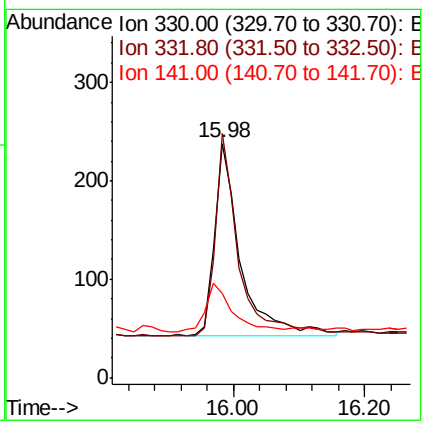


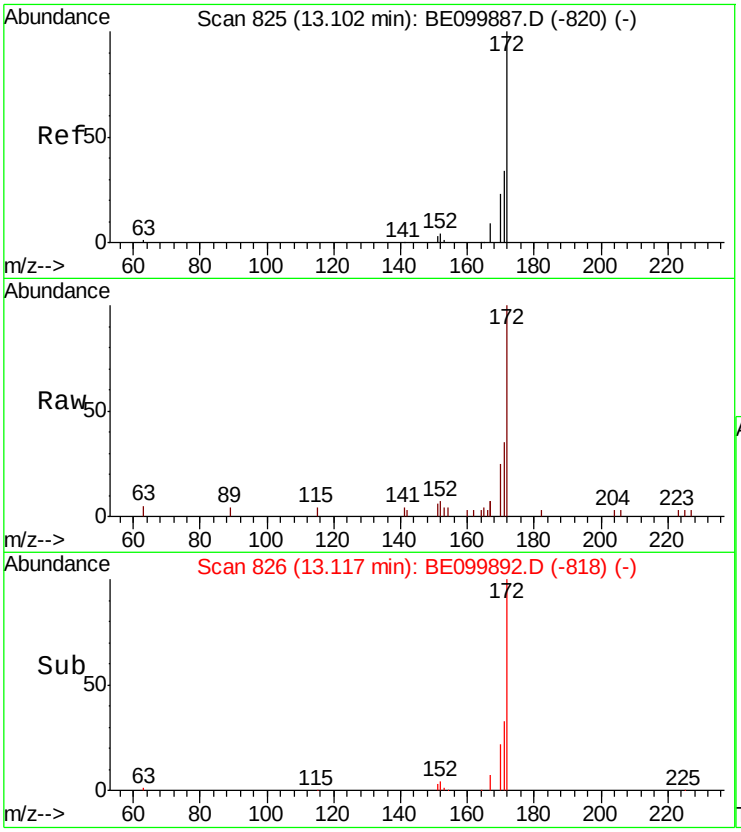


#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:330 Resp: 536

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.7	115.1
141	27.1	21.0	31.6



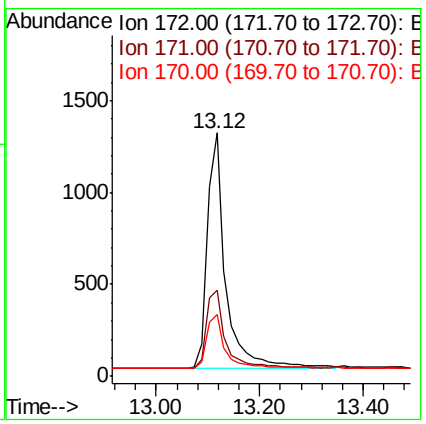


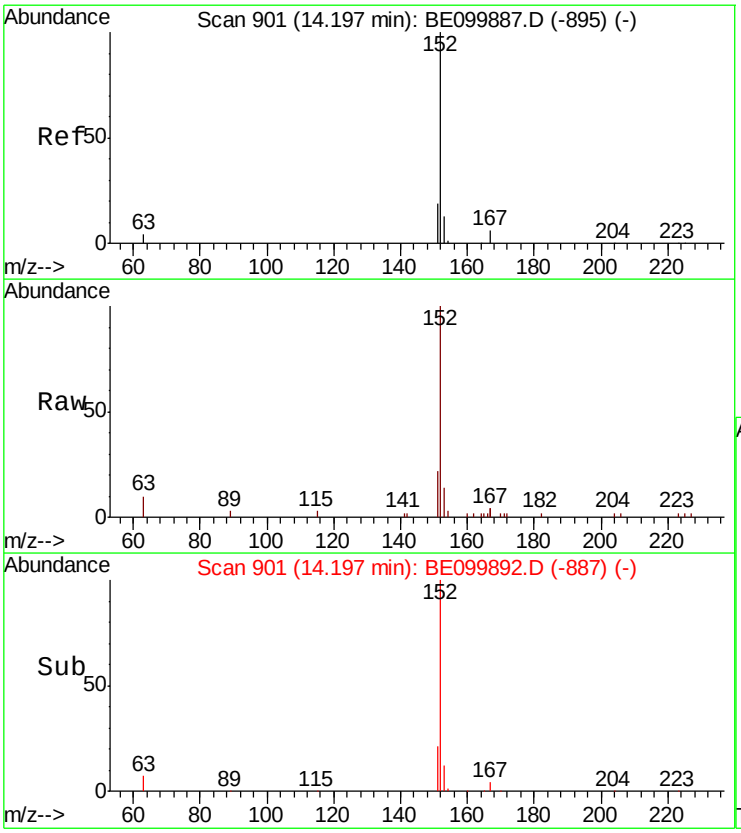
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:172 Resp: 3143

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	25.2	21.2	31.8

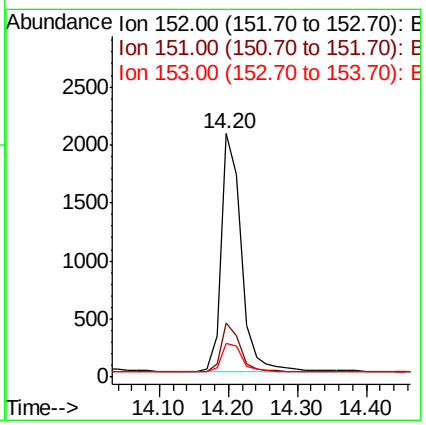


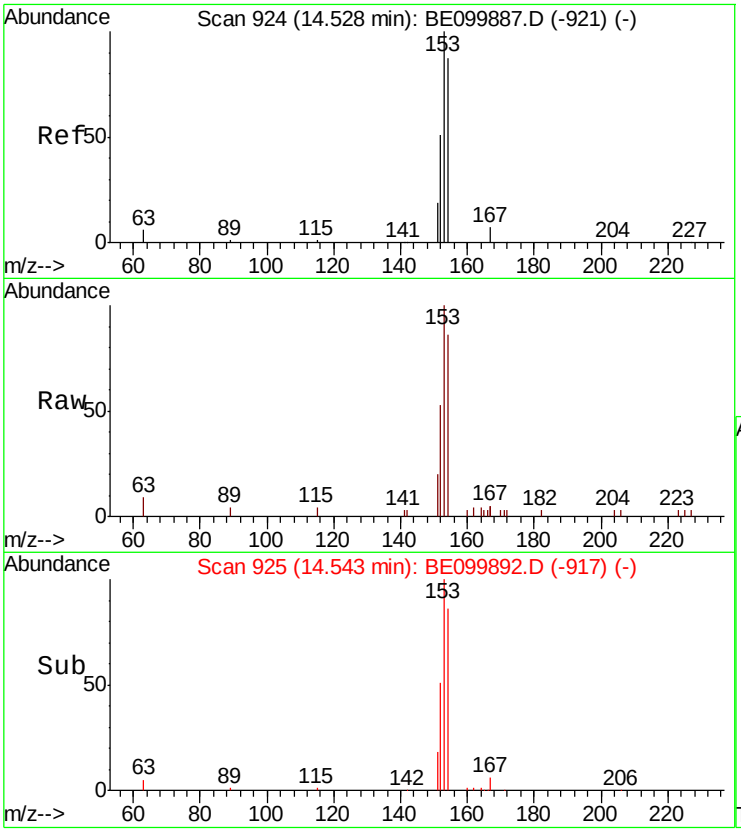


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:152 Resp: 4137

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.9	10.2	15.2

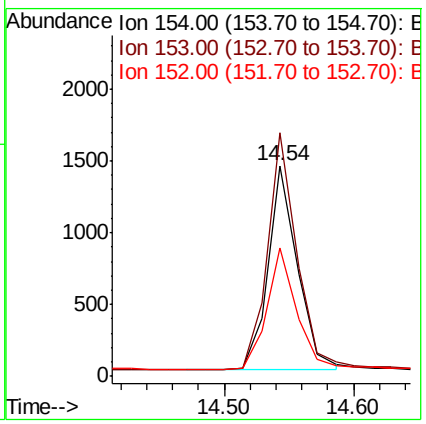




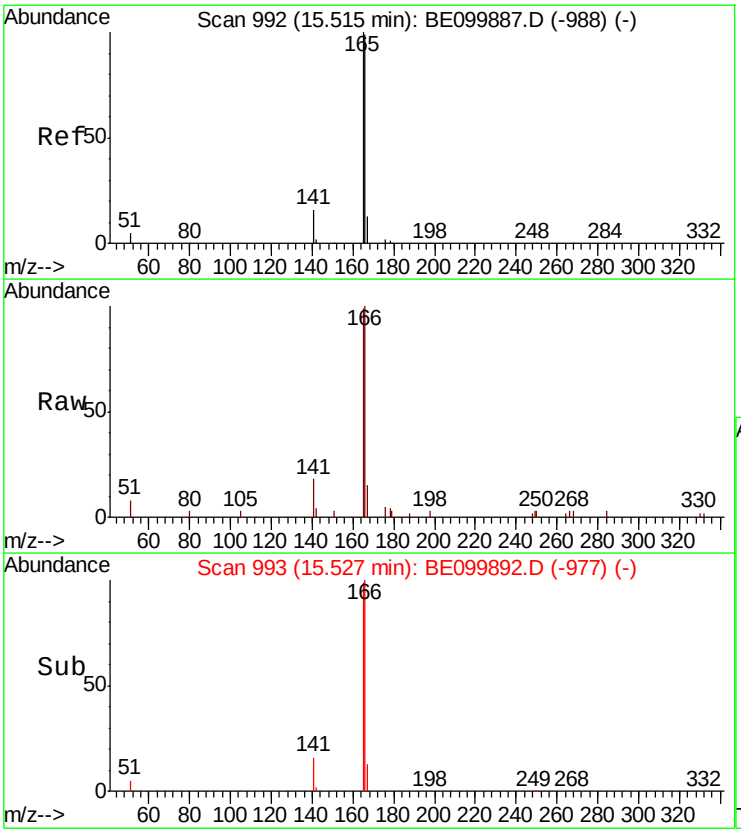
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:154 Resp: 2239

Ion	Ratio	Lower	Upper
154	100		
153	116.1	93.1	139.7
152	60.0	47.0	70.4



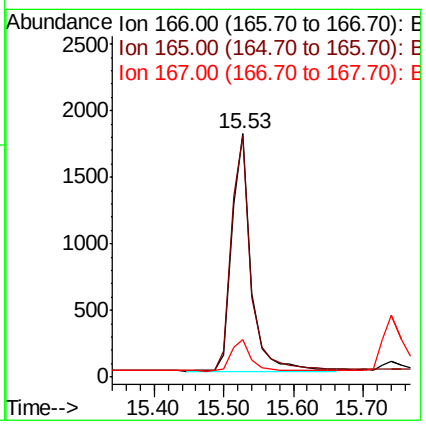
Instrument :
BNA_E
ClientSampleId :
ICVBE061019

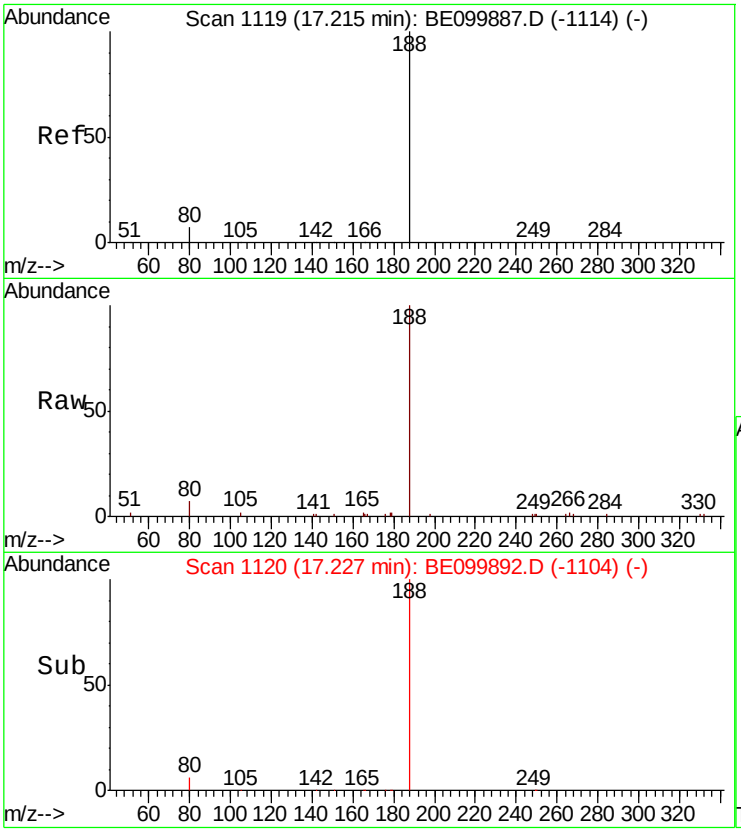


#18
Fluorene
Concen: 0.389 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:166 Resp: 3378

Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.8	122.8
167	13.6	11.2	16.8



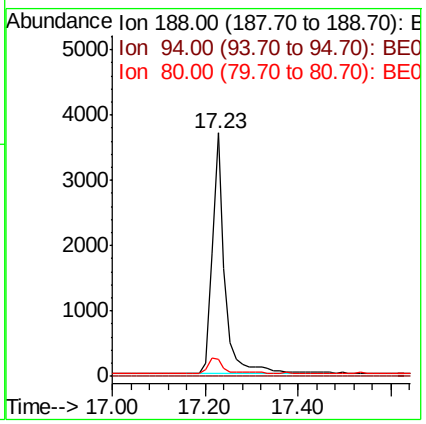


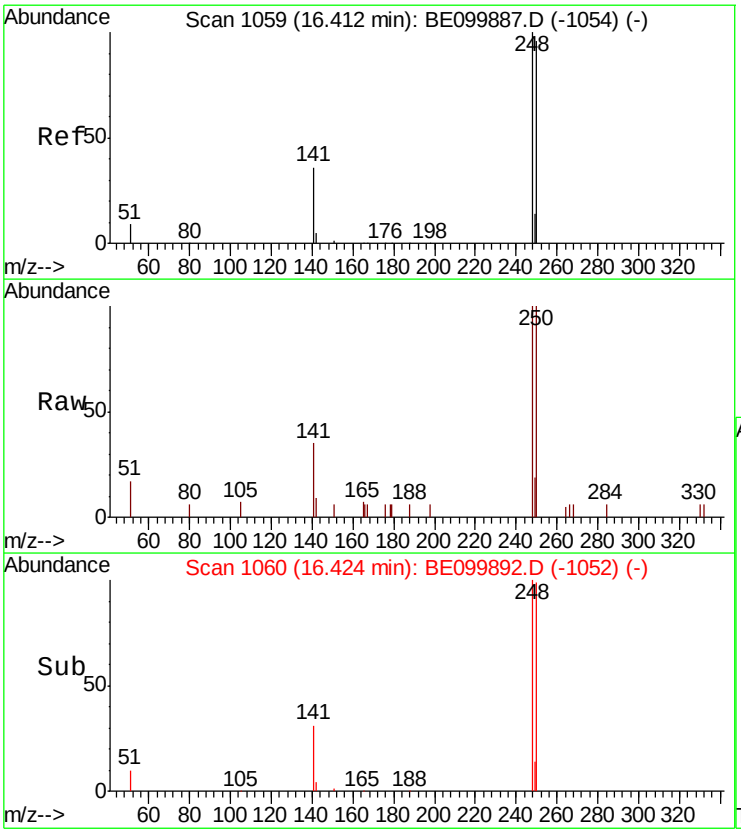
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:188 Resp: 7024

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.4	9.6

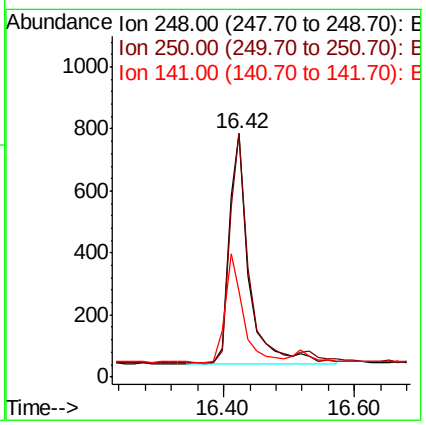


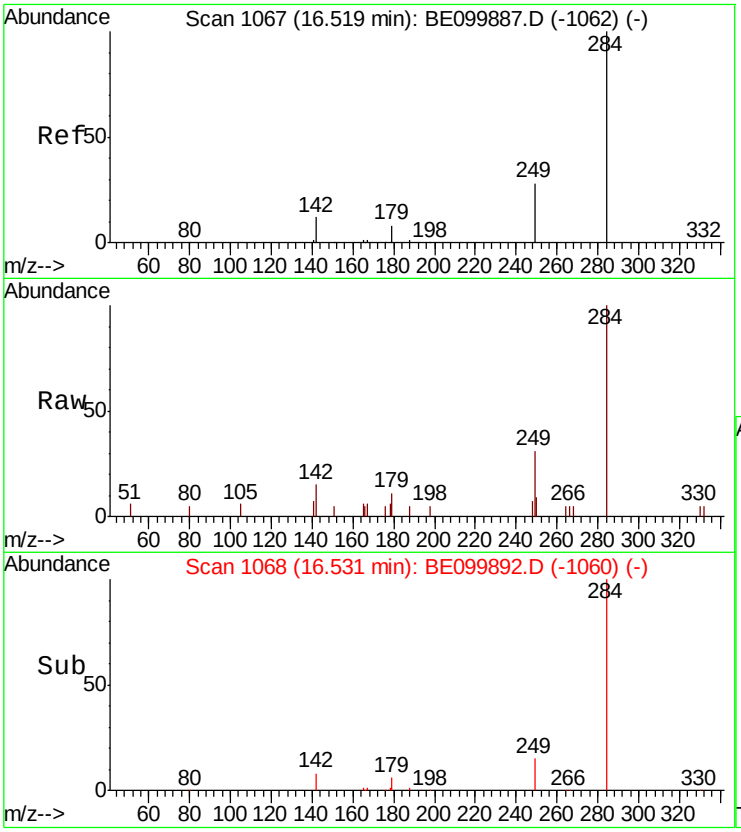


#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:248 Resp: 1572

Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.5	116.3
141	35.3	31.8	47.8



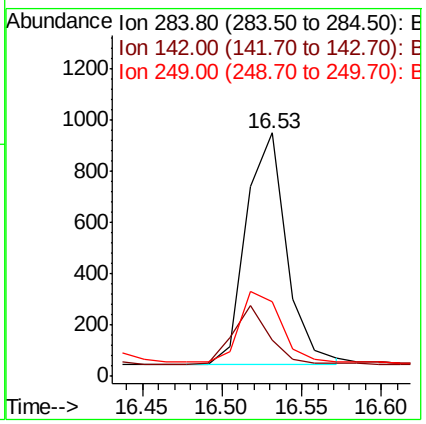


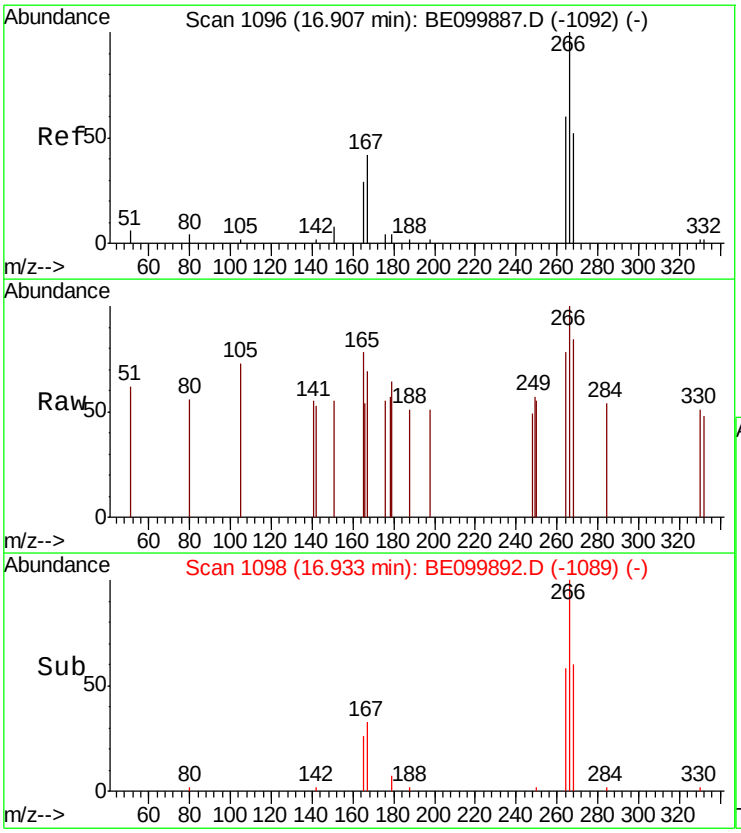
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:284 Resp: 1609

Ion	Ratio	Lower	Upper
284	100		
142	23.4	18.2	27.4
249	30.3	24.6	37.0

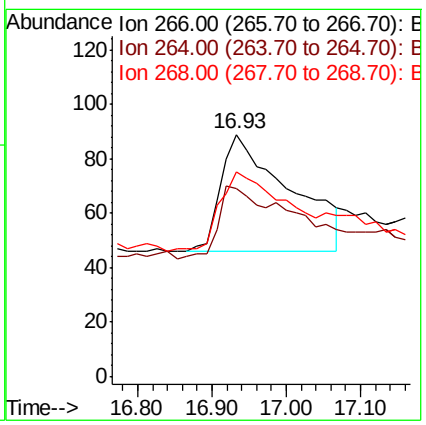


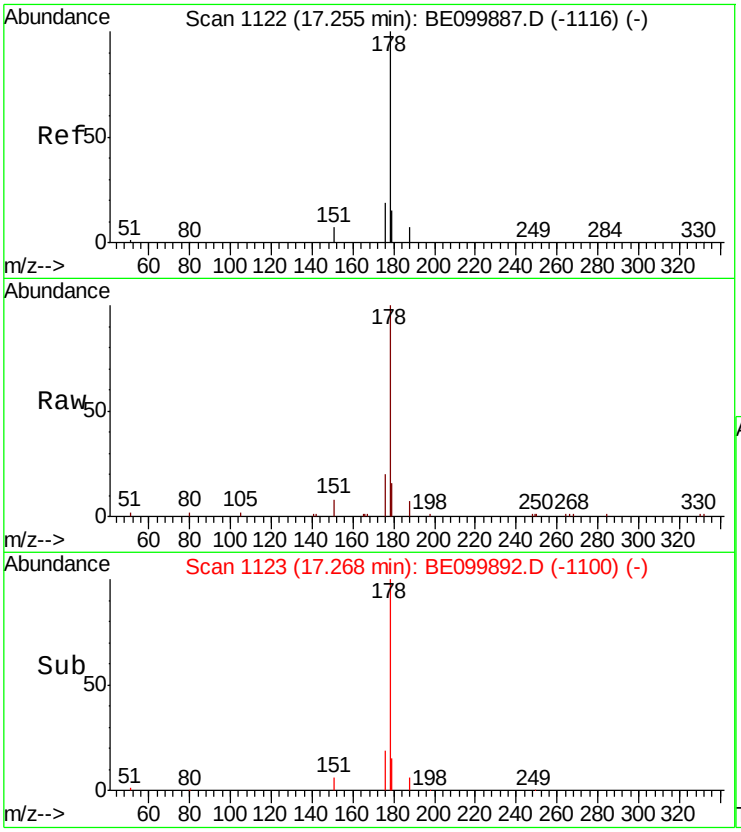


#22
Pentachlorophenol
Concen: 0.441 ng
RT: 16.93 min Scan# 1098
Delta R.T. 0.03 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:266 Resp: 276

Ion	Ratio	Lower	Upper
266	100		
264	77.5	62.2	93.2
268	84.3	65.5	98.3



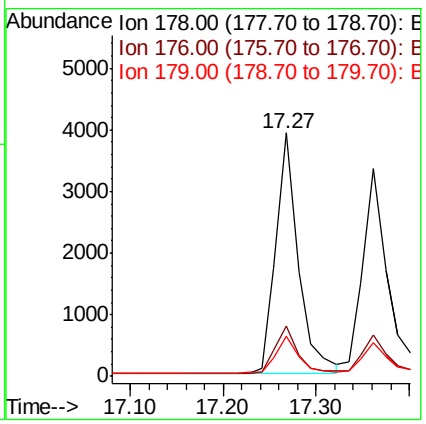


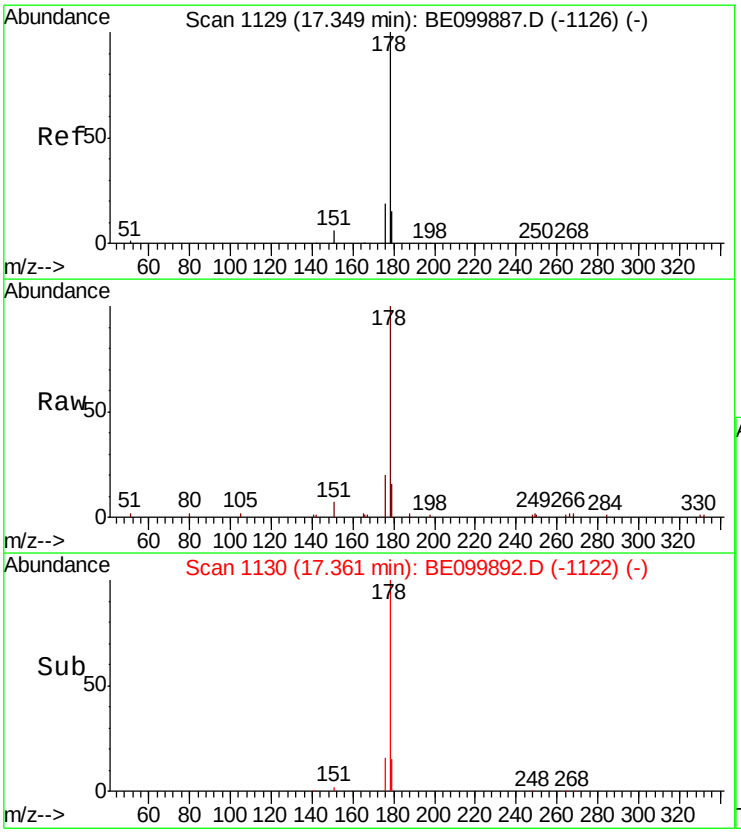
#23
Phenanthrene
Concen: 0.388 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:178 Resp: 6605

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	12.4	18.6

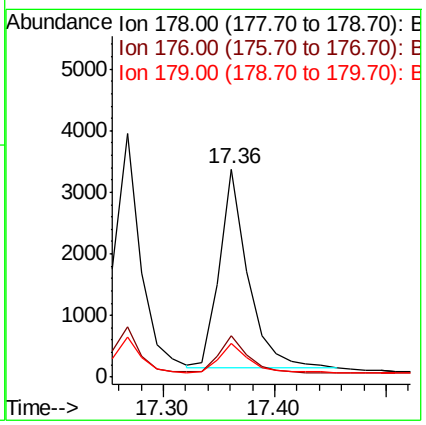


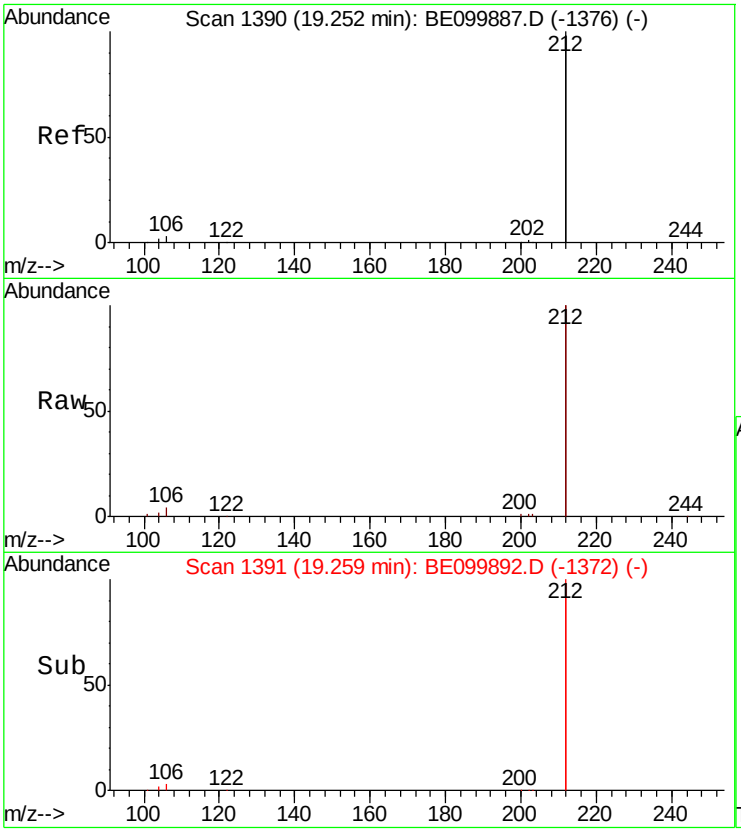


#24
Anthracene
Concen: 0.372 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:178 Resp: 5807

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	14.6	12.3	18.5



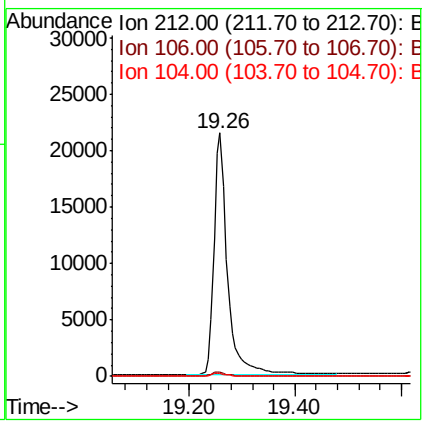


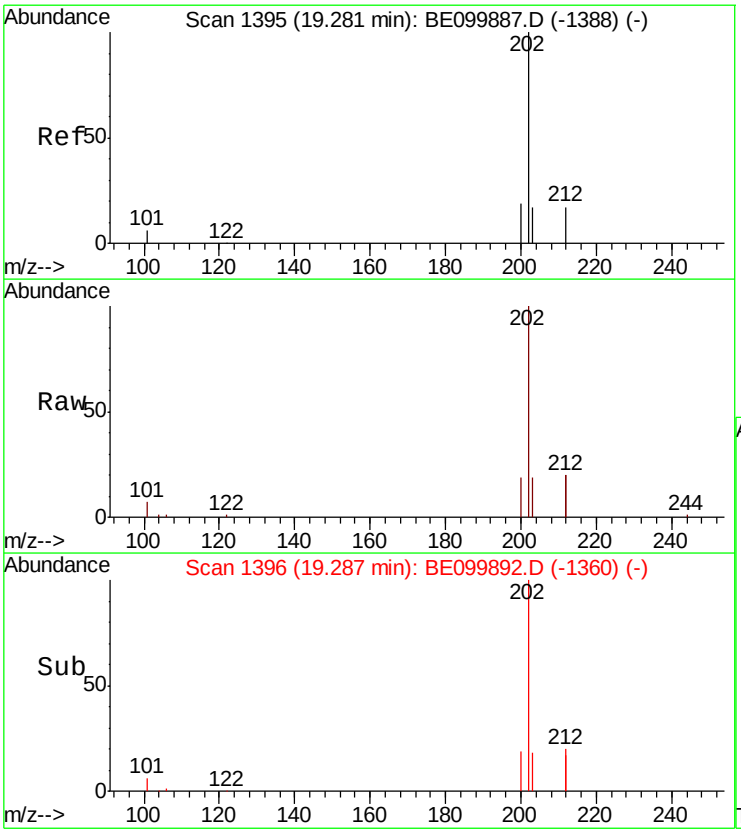
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:212 Resp: 37726

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

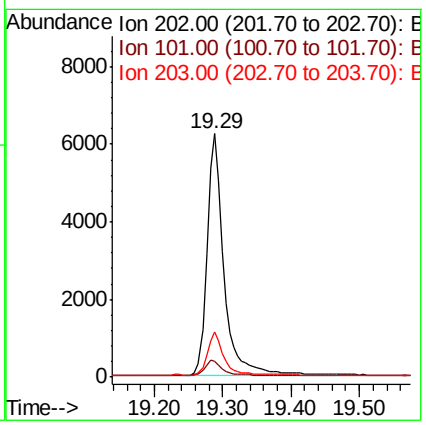


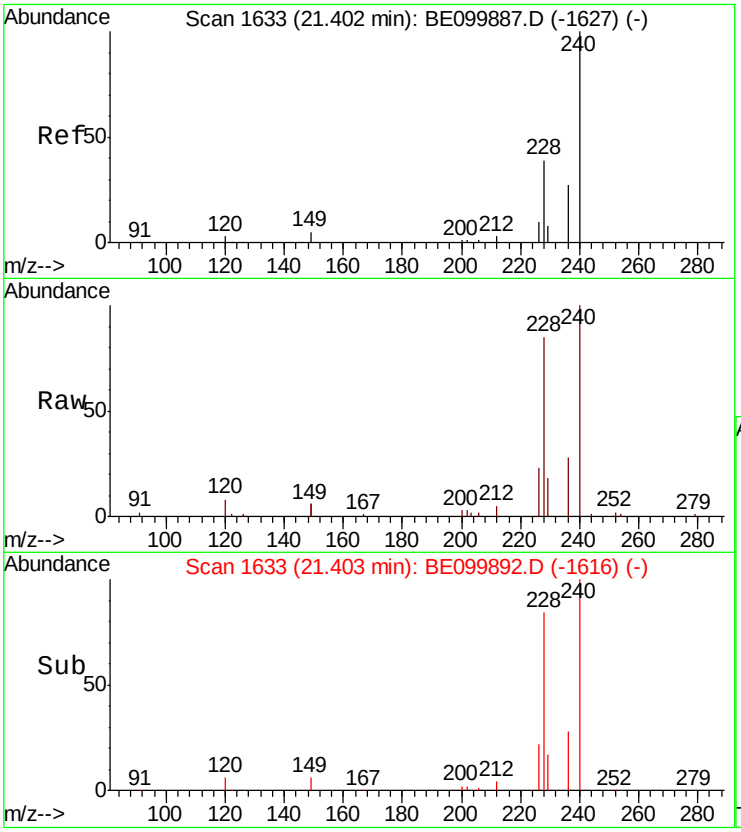


#26
Fluoranthene
Concen: 0.369 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:202 Resp: 10690

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.4	8.0
203	17.1	13.2	19.8



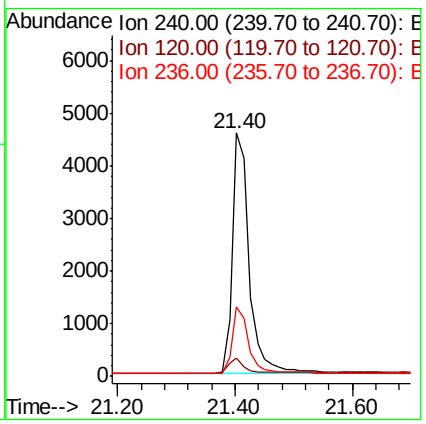


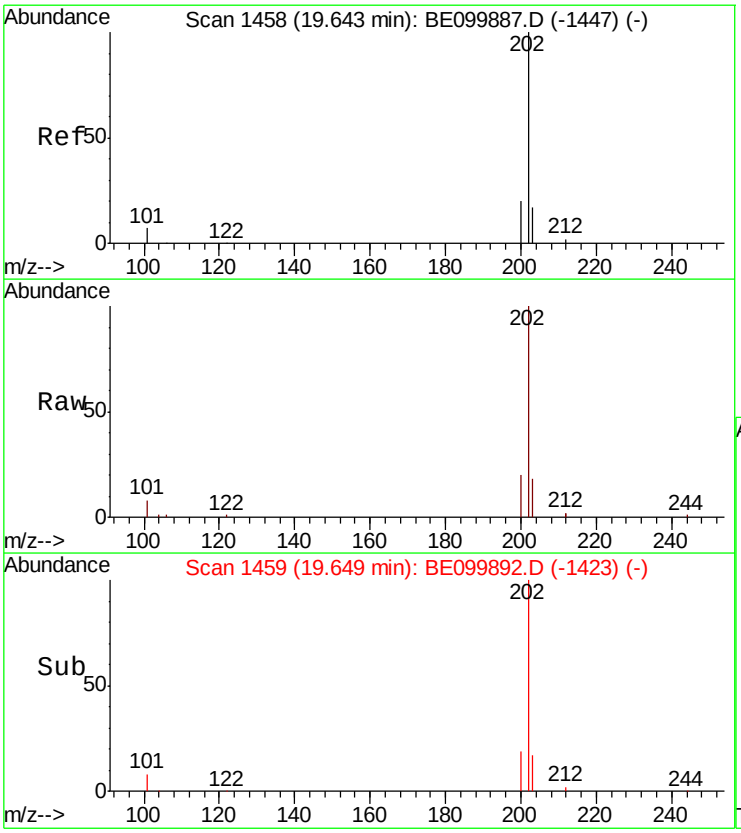
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:240 Resp: 9287

Ion	Ratio	Lower	Upper
240	100		
120	7.6	3.8	5.6#
236	28.4	22.0	33.0

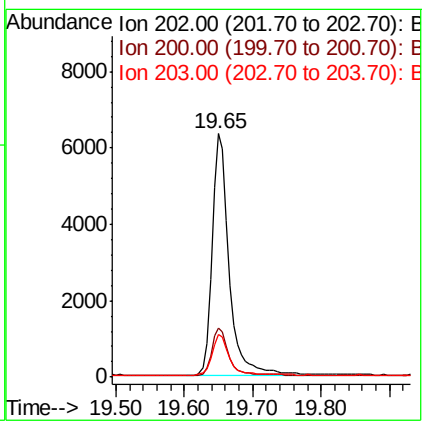


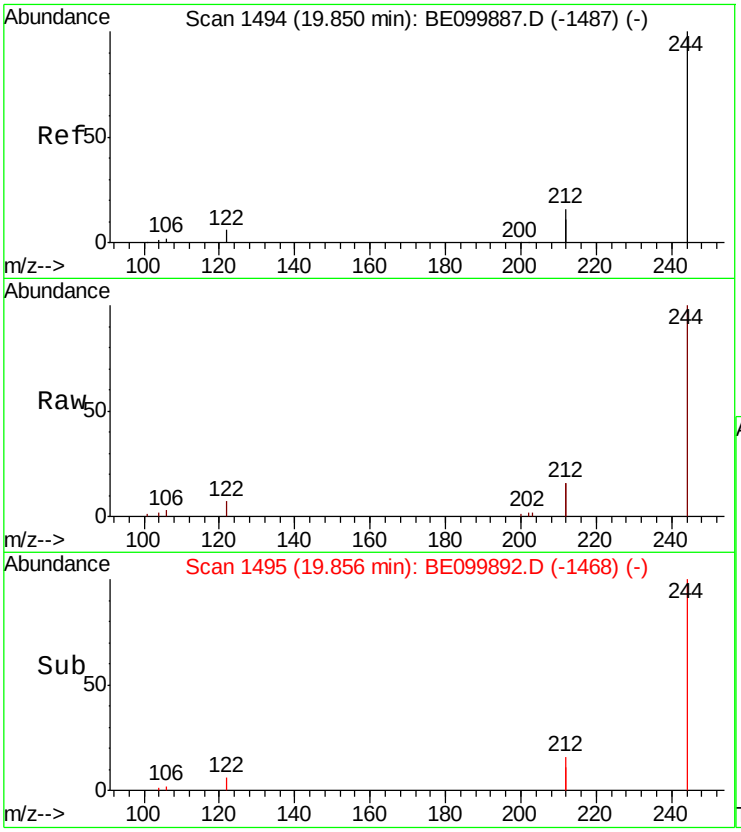


#28
Pyrene
Concen: 0.451 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:202 Resp: 11002

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.3	14.0	21.0



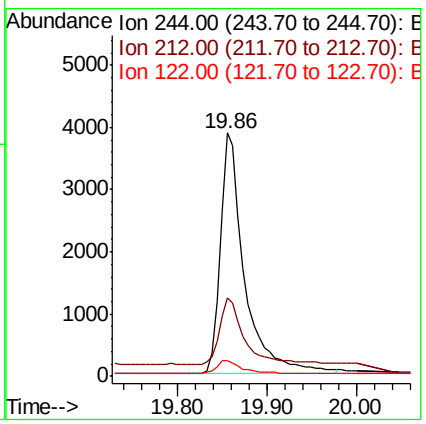


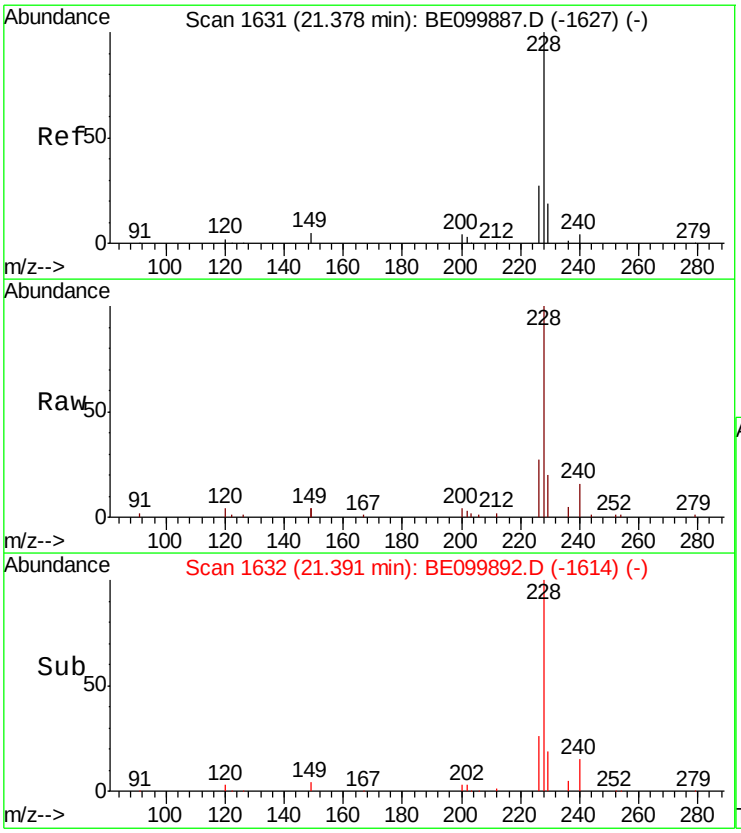
#29
Terphenyl-d14
Concen: 0.429 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:244 Resp: 7168

Ion	Ratio	Lower	Upper
244	100		
212	32.4	25.7	38.5
122	6.7	5.5	8.3

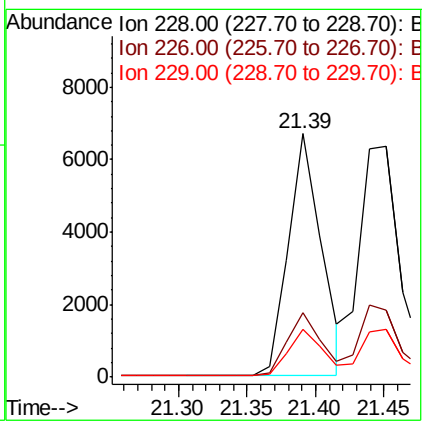


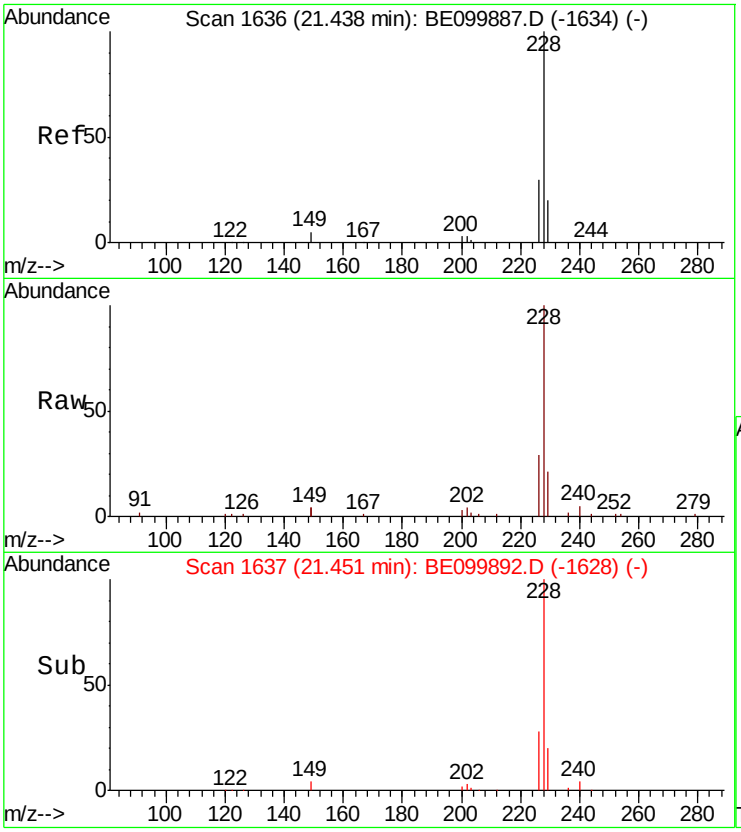


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:228 Resp: 11166

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.5	33.7
229	19.8	15.9	23.9



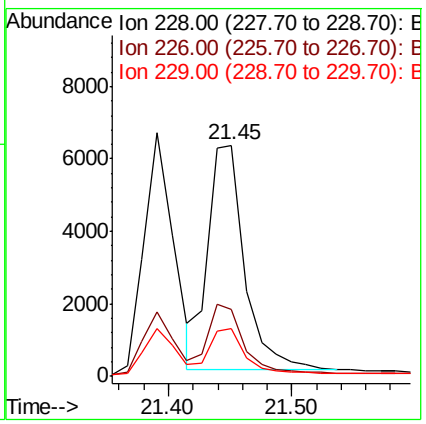


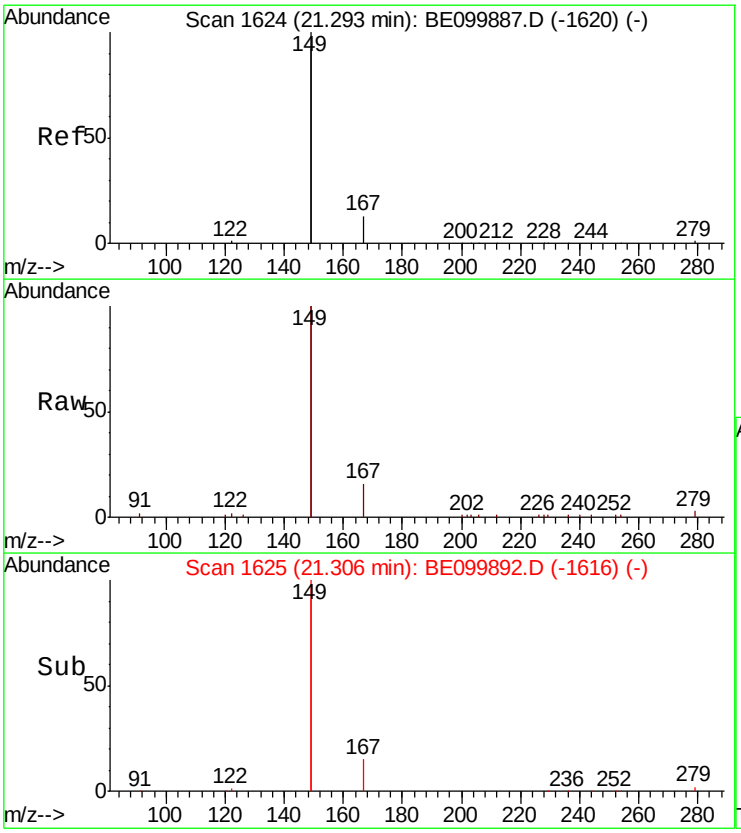
#31
Chrysene
Concen: 0.446 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:228 Resp: 12792

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.1	36.1
229	20.6	16.1	24.1

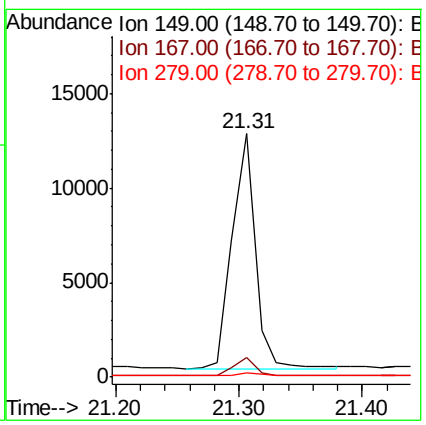


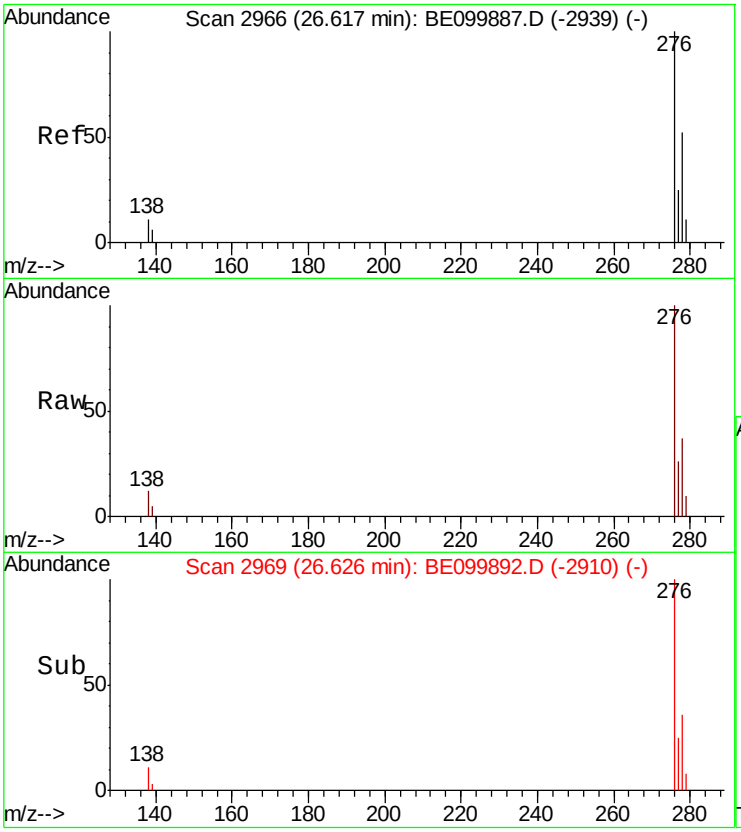


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:149 Resp: 16188

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.4	1.2	1.8



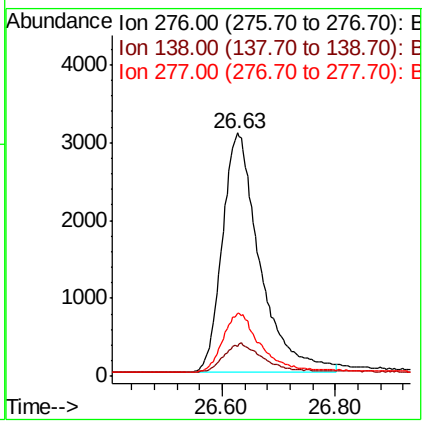


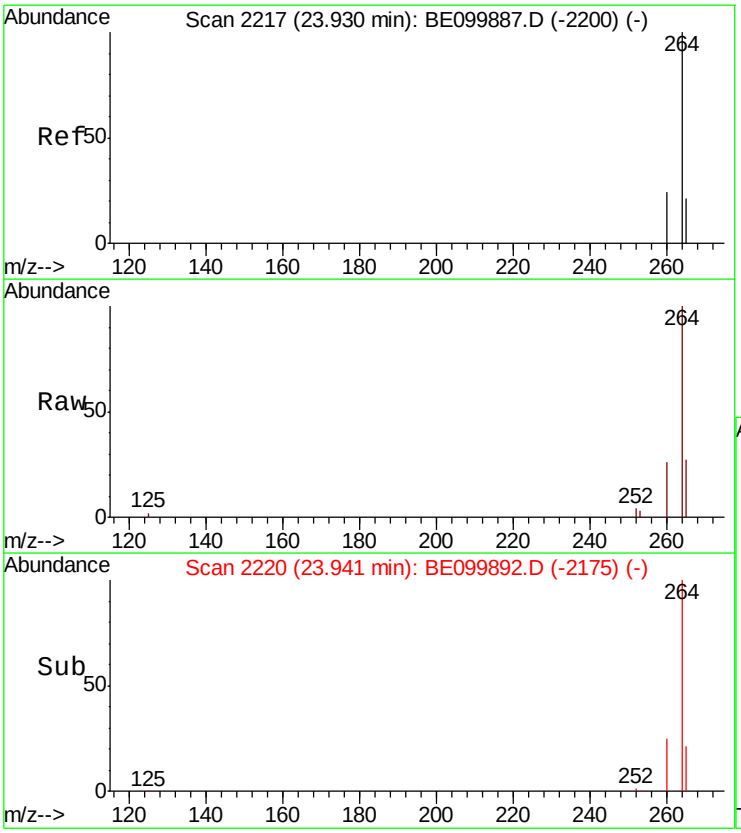
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 26.63 min Scan# 2969
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:276 Resp: 14151

Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.1	15.1
277	24.9	19.1	28.7

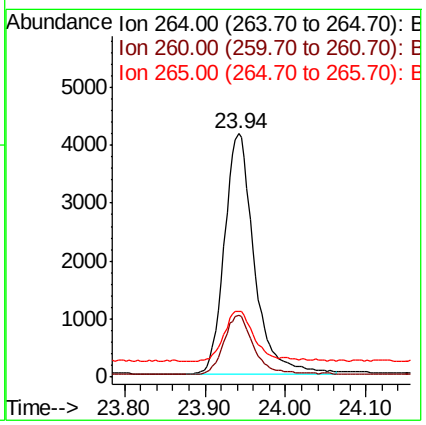


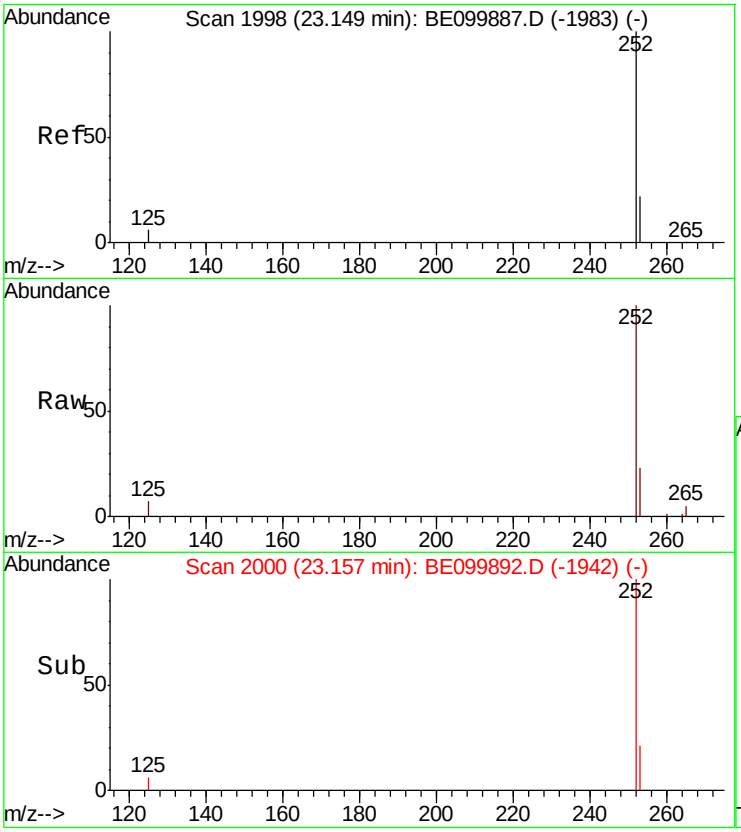


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:264 Resp: 10616

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	27.1	22.0	33.0



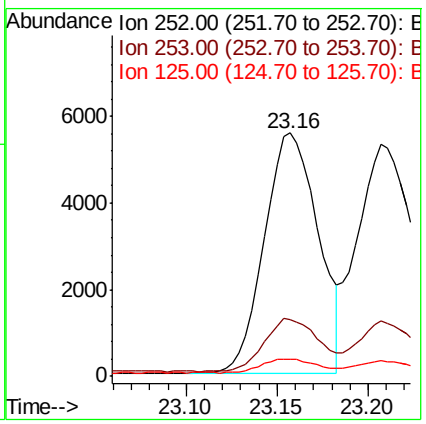


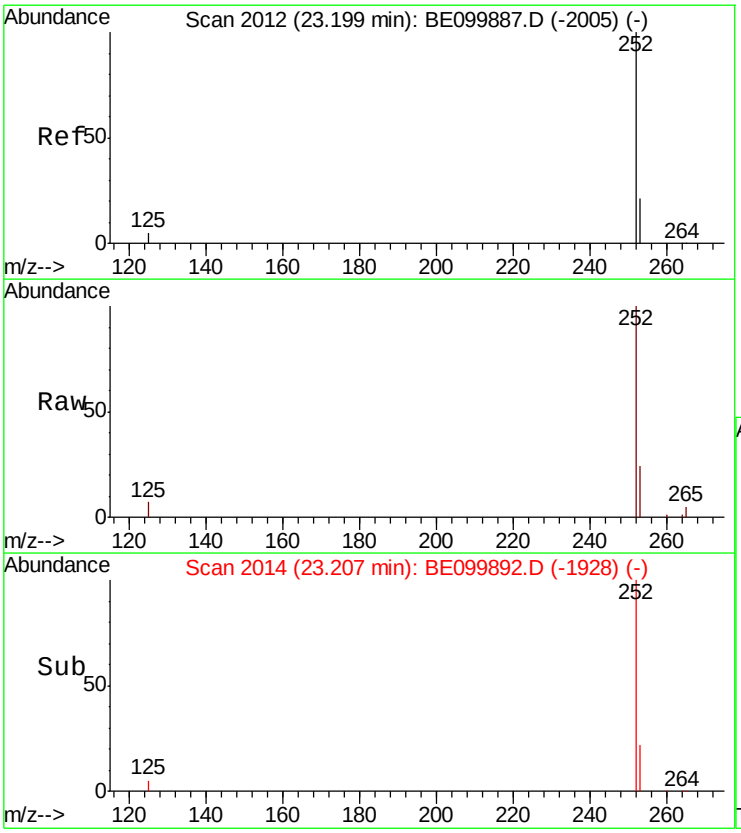
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:252 Resp: 11351

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	7.1	5.7	8.5

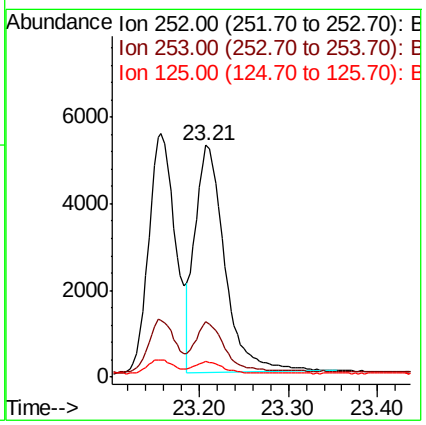


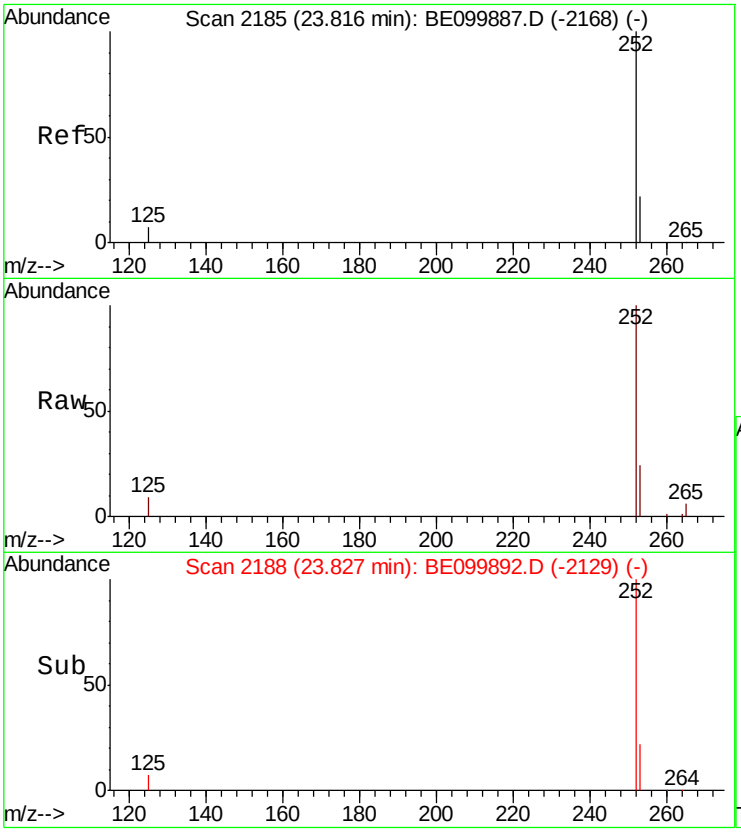


#36
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:252 Resp: 12169

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	28.0
125	6.7	5.4	8.0



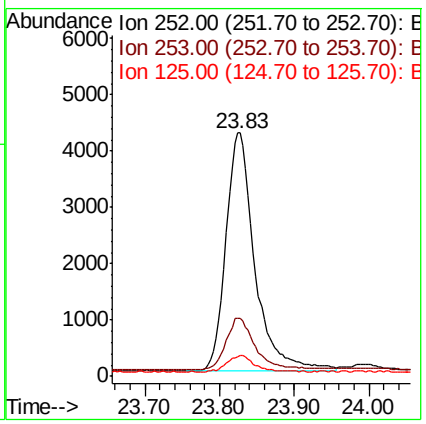


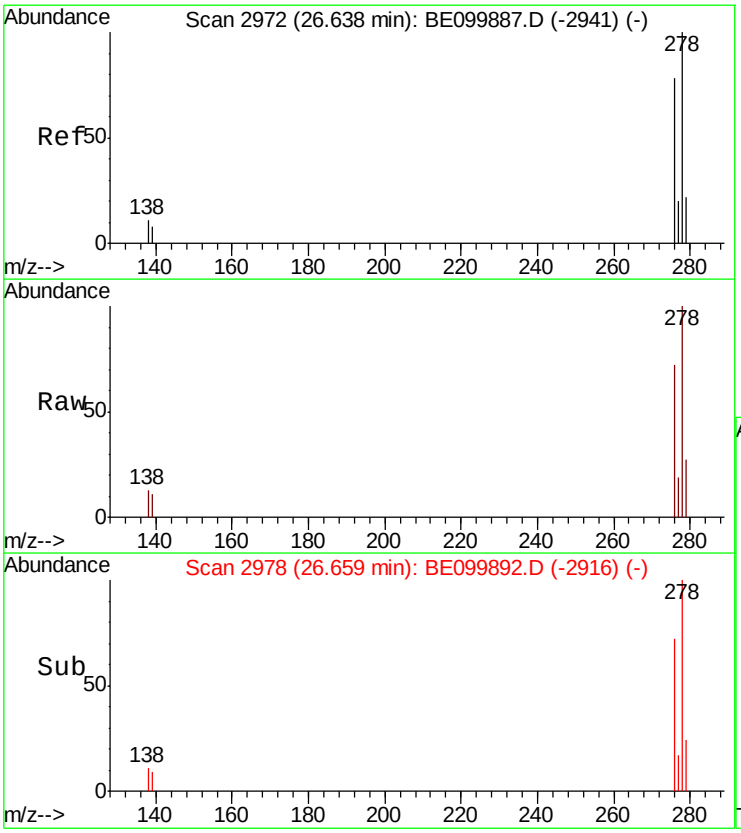
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.83 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:252 Resp: 11434

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.6	29.4
125	8.8	6.6	10.0

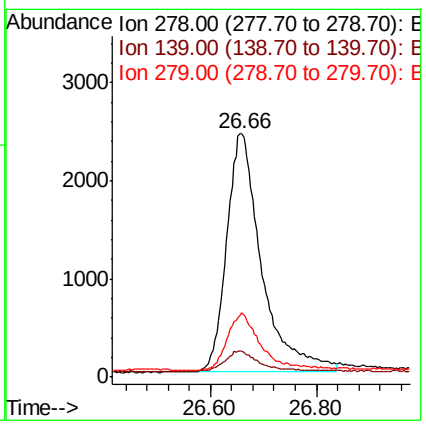


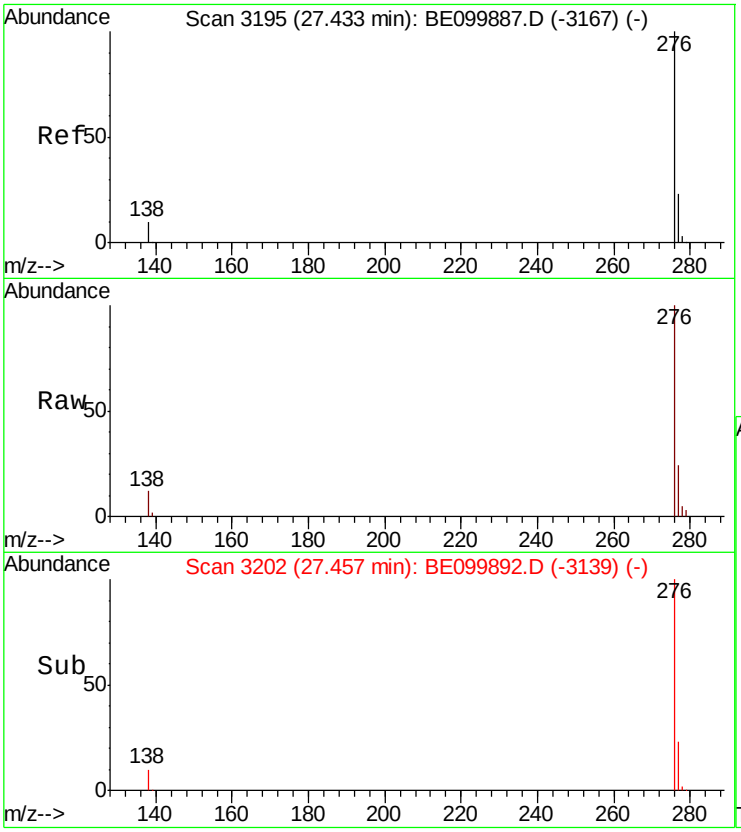


#38
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 26.66 min Scan# 2978
Delta R.T. 0.02 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Tgt Ion:278 Resp: 11226

Ion	Ratio	Lower	Upper
278	100		
139	10.8	7.8	11.8
279	26.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.46 min Scan# 3202
Delta R.T. 0.02 min
Lab File: BE099892.D
Acq: 10 Jun 2019 16:16

Instrument :
BNA_E
ClientSampleId :
ICVBE061019

Tgt Ion:276 Resp: 12122

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	12.0	9.5	14.3