Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099736.D
Acq On : 24 May 2019 11:23
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 24 21:32:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1138	0.40	ng		-0.01
7) Naphthalene-d8	10.61	136	4239	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	3102	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	9979	0.40	ng		0.00
27) Chrysene-d12	21.41	240	17020	0.40	ng		0.00
34) Perylene-d12	23.94	264	18336	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	1302	0.45	ng		-0.01
5) Phenol-d6	6.96	99	1719	0.45	ng		-0.01
8) Nitrobenzene-d5	8.96	82	1696	0.46	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3041	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.97	330	983	0.54	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	4854	0.41	ng		0.00
25) Fluoranthene-d10	19.26	212	58015	0.43	ng		0.00
29) Terphenyl-d14	19.86	244	12176	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	728	0.432	ng	#	96
3) n-Nitrosodimethylamine	3.60	42	433	0.466	ng	#	86
6) bis(2-Chloroethyl)ether	7.23	93	1466	0.433	ng		99
9) Naphthalene	10.65	128	18649	0.411	ng		100
10) Hexachlorobutadiene	10.94	225	1370	0.410	ng		97
12) 2-Methylnaphthalene	12.28	142	3147	0.426	ng		98
16) Acenaphthylene	14.20	152	6110	0.423	ng		100
17) Acenaphthene	14.54	154	3379	0.416	ng		98
18) Fluorene	15.51	166	5096	0.426	ng		100
20) 4-Bromophenyl-phenylether	16.41	248	2303	0.400	ng	#	89
21) Hexachlorobenzene	16.52	284	2356	0.400	ng		99
22) Pentachlorophenol	16.88	266	1020	0.720	ng		93
23) Phenanthrene	17.27	178	10319	0.423	ng		99
24) Anthracene	17.36	178	9280	0.420	ng		99
26) Fluoranthene	19.29	202	16368	0.425	ng		100
28) Pyrene	19.65	202	17400	0.407	ng		100
30) Benzo(a)anthracene	21.39	228	20538	0.425	ng		100
31) Chrysene	21.45	228	21240	0.411	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	30045	0.539	ng		99
33) Indeno(1,2,3-cd)pyrene	26.63	276	25373	0.406	ng		99
35) Benzo(b)fluoranthene	23.21	252	20852	0.415	ng		99
36) Benzo(k)fluoranthene	23.21	252	20852	0.398	ng		100
37) Benzo(a)pyrene	23.83	252	19929	0.412	ng	#	97
38) Dibenzo(a,h)anthracene	26.66	278	20375	0.401	ng	#	98
39) Benzo(g,h,i)perylene	27.46	276	20597	0.402	ng		100

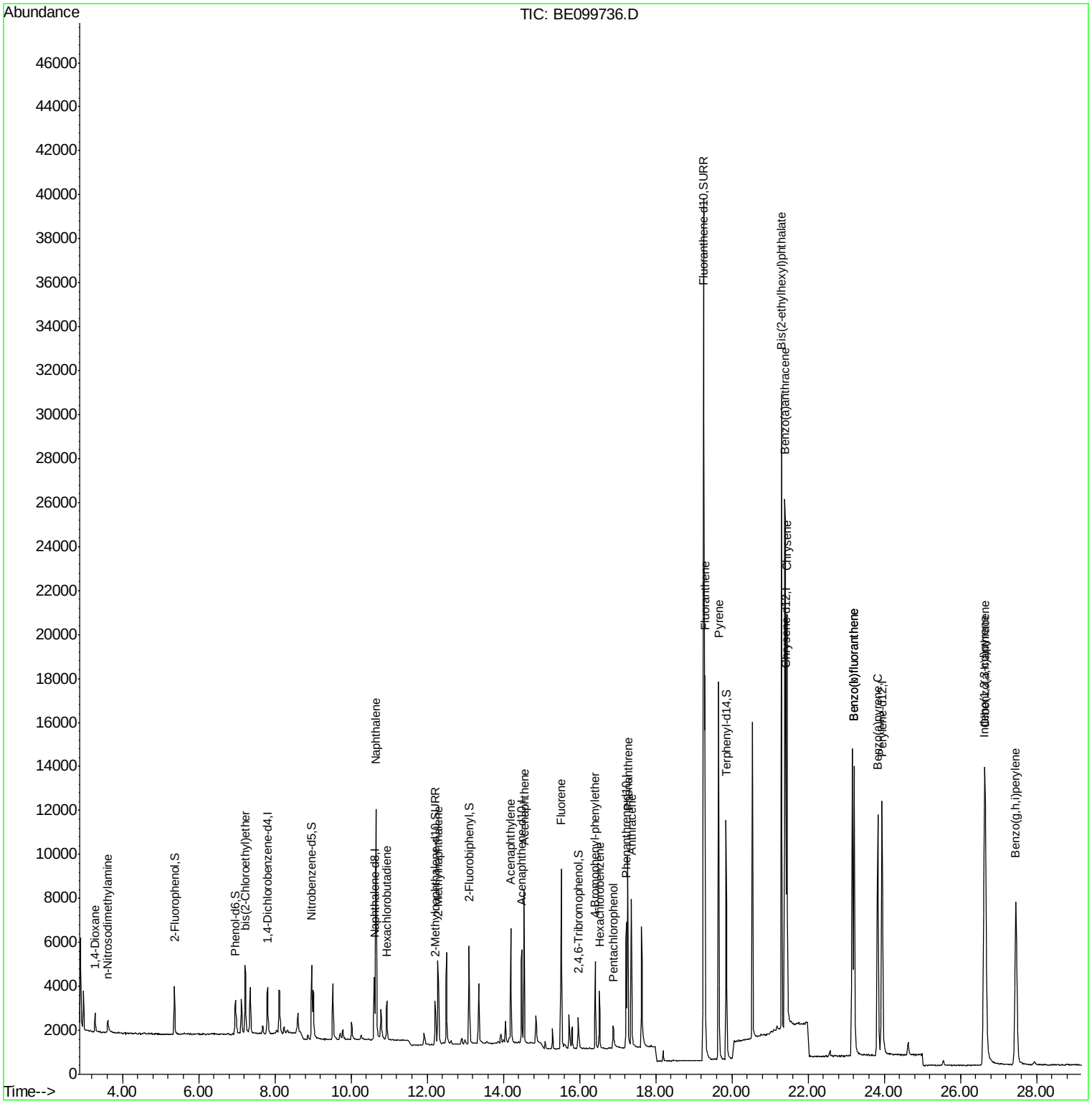
(#) = qualifier out of range (m) = manual integration (+) = signals summed

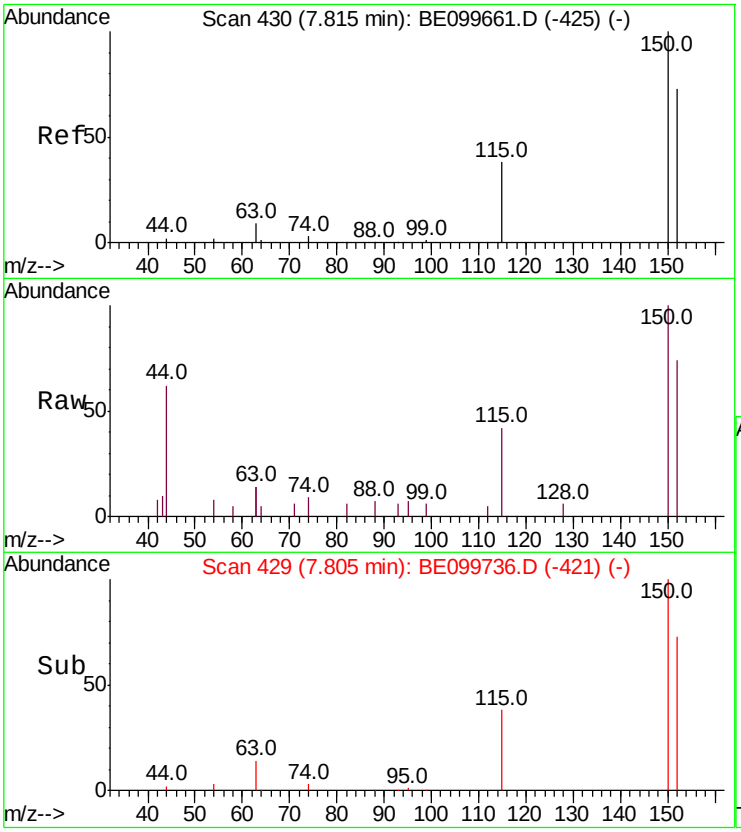
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099736.D
Acq On : 24 May 2019 11:23
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 24 21:32:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



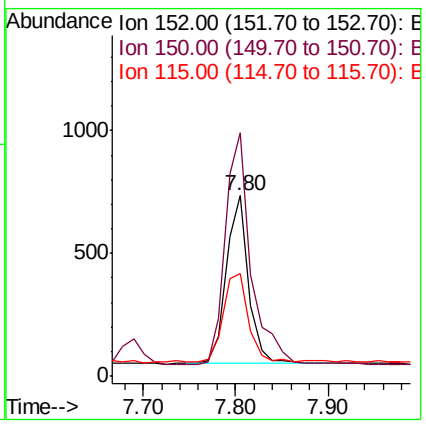


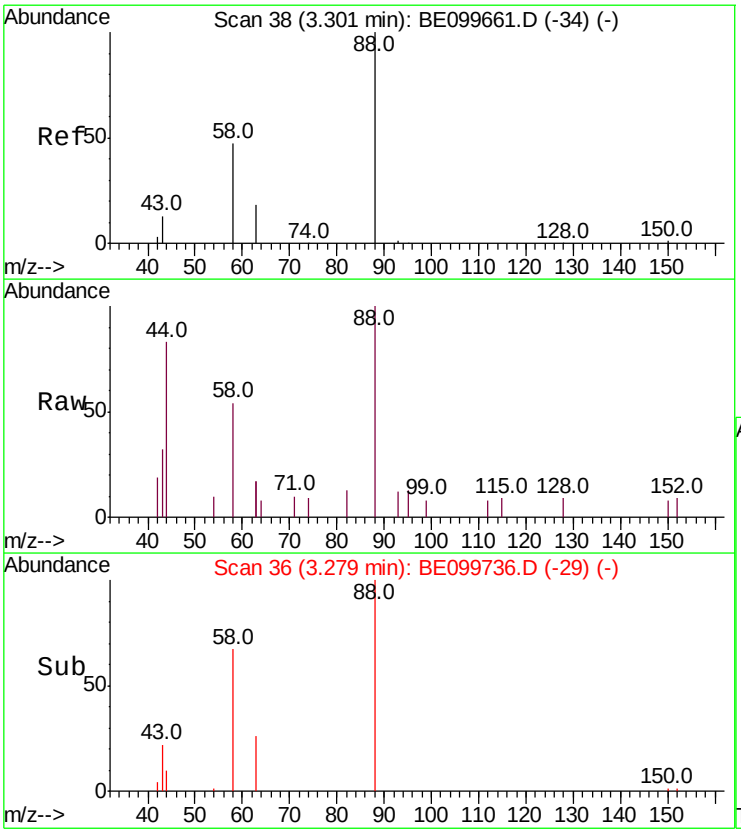
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1138

Ion	Ratio	Lower	Upper
152	100		
150	135.0	109.2	163.8
115	56.7	43.7	65.5

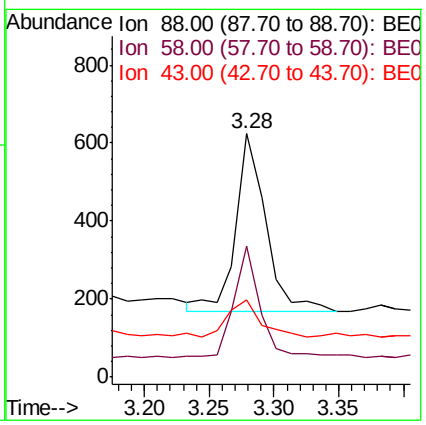


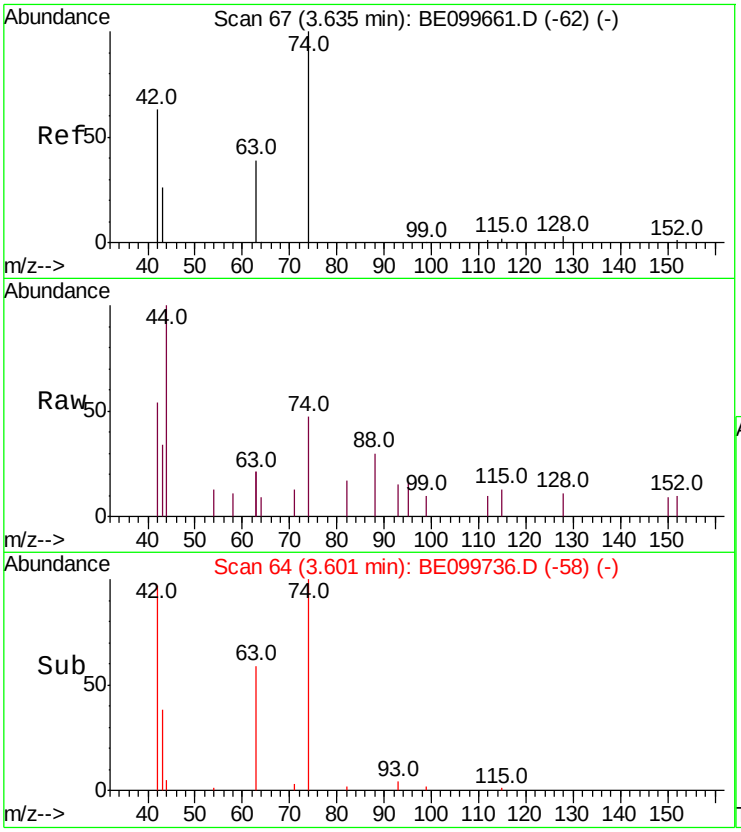


#2
1,4-Dioxane
Concen: 0.432 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion: 88 Resp: 728

Ion	Ratio	Lower	Upper
88	100		
58	53.2	41.8	62.8
43	23.2	15.0	22.4#



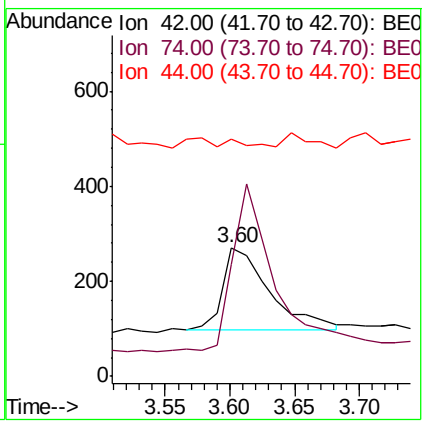


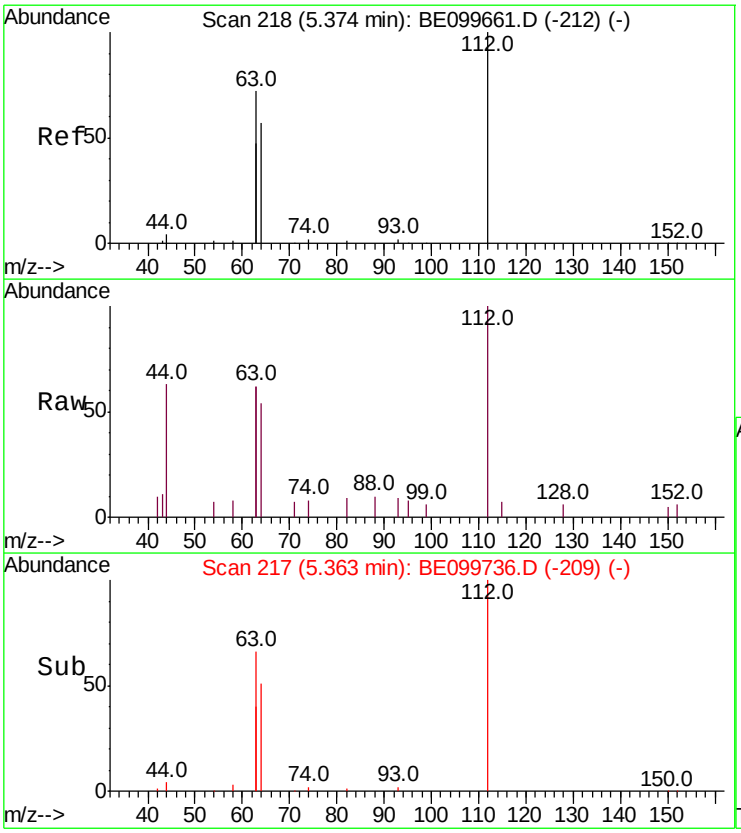
#3
n-Nitrosodimethylamine
Concen: 0.466 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.03 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 433

Ion	Ratio	Lower	Upper
42	100		
74	179.9	129.2	193.8
44	0.0	0.0	0.0

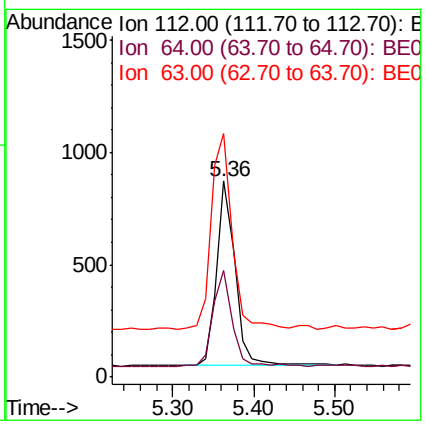


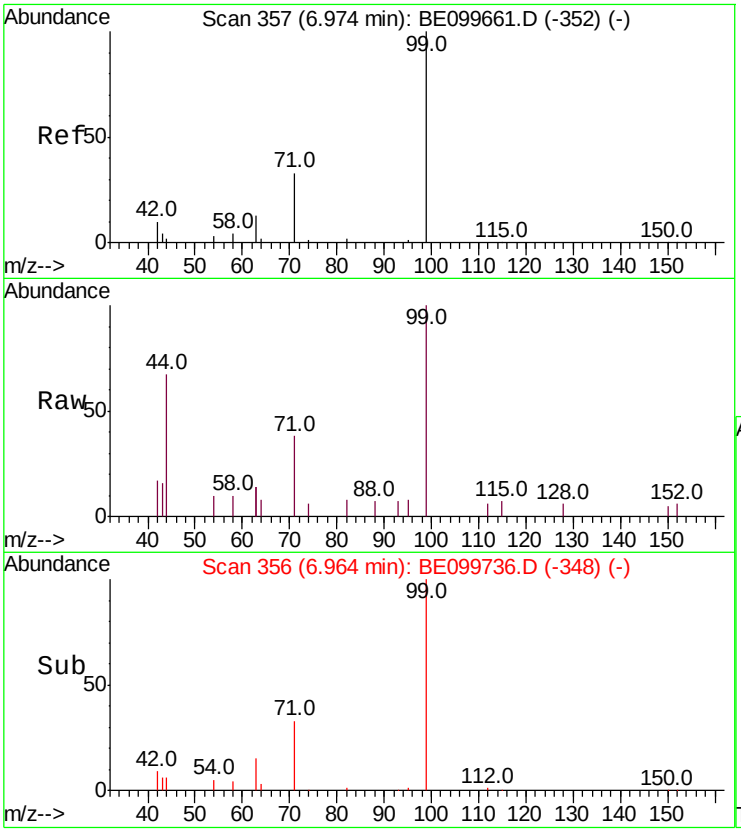


#4
2-Fluorophenol
Concen: 0.453 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:112 Resp: 1302

Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.4	65.2
63	121.4	96.9	145.3



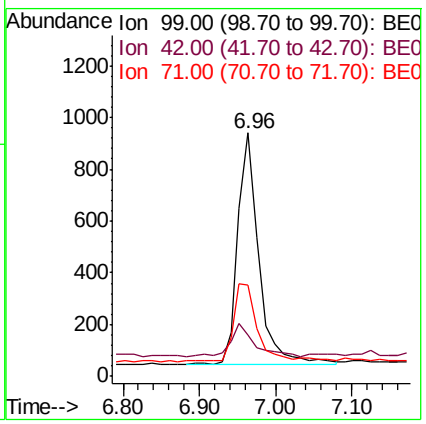


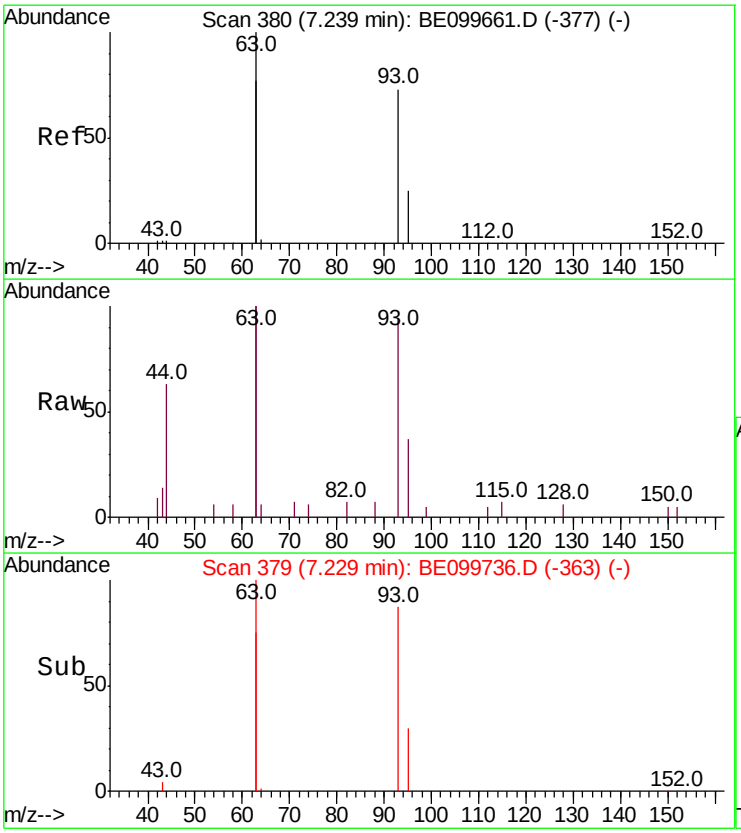
#5
Phenol-d6
Concen: 0.452 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1719

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.2	18.2
71	37.9	28.9	43.3

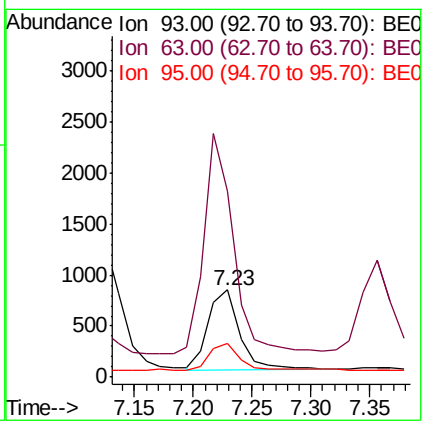


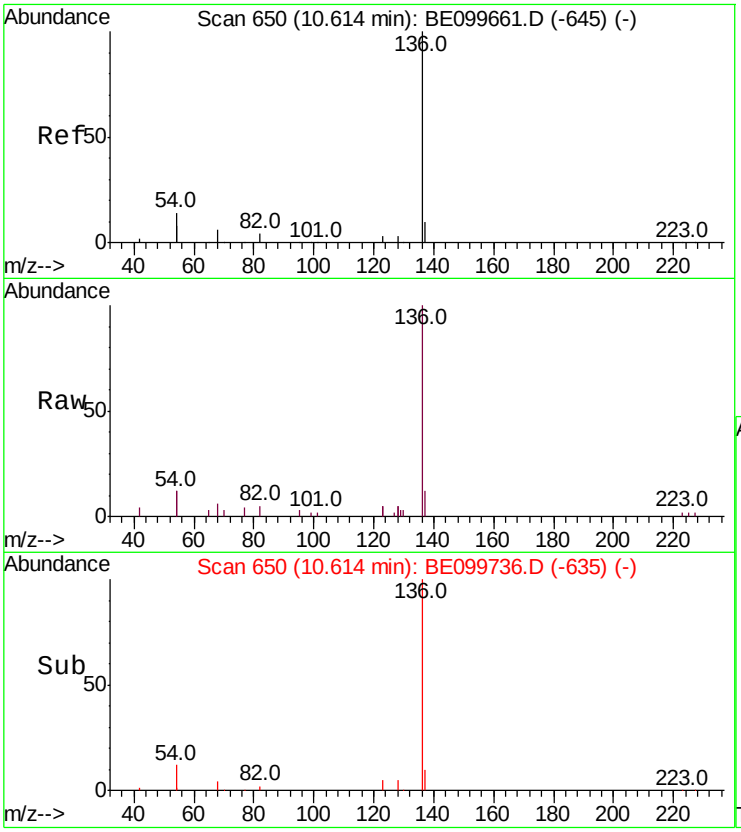


#6
bis(2-Chloroethyl)ether
Concen: 0.433 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion: 93 Resp: 1466

Ion	Ratio	Lower	Upper
93	100		
63	259.7	207.8	311.6
95	36.8	25.9	38.9



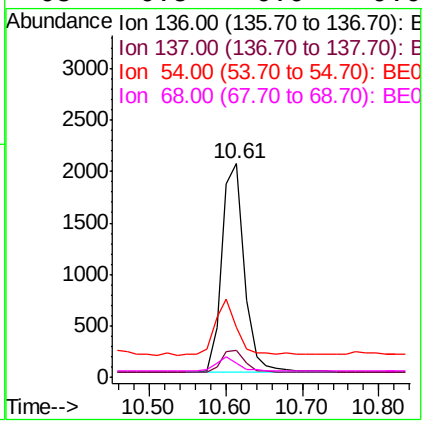


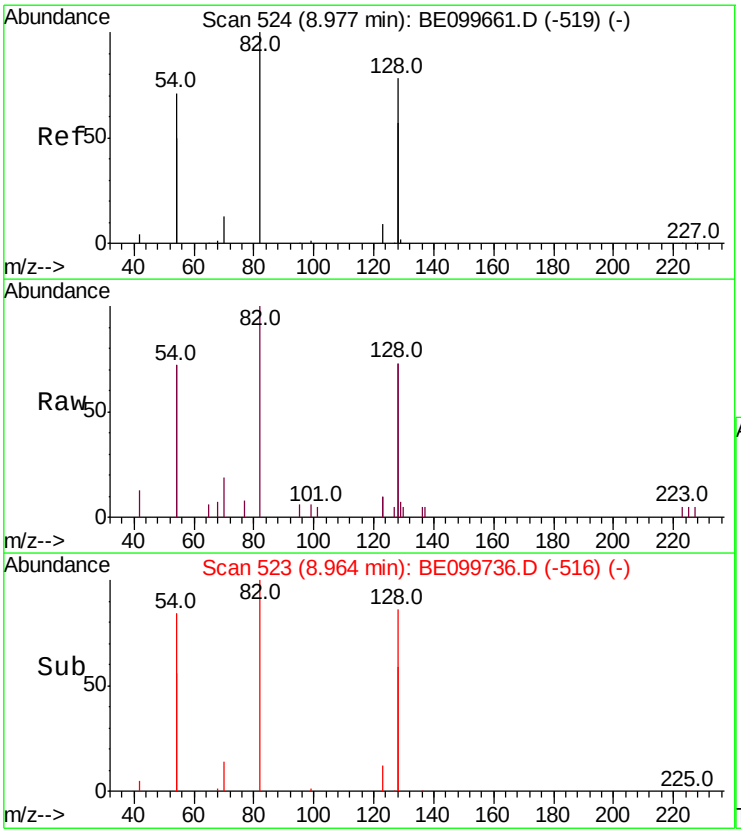
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4239

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.6
54	23.6	22.3	33.5
68	6.5	6.0	9.0

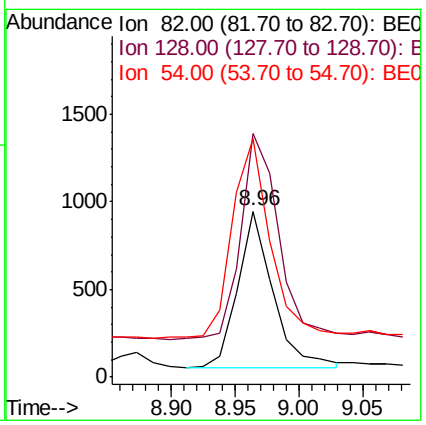


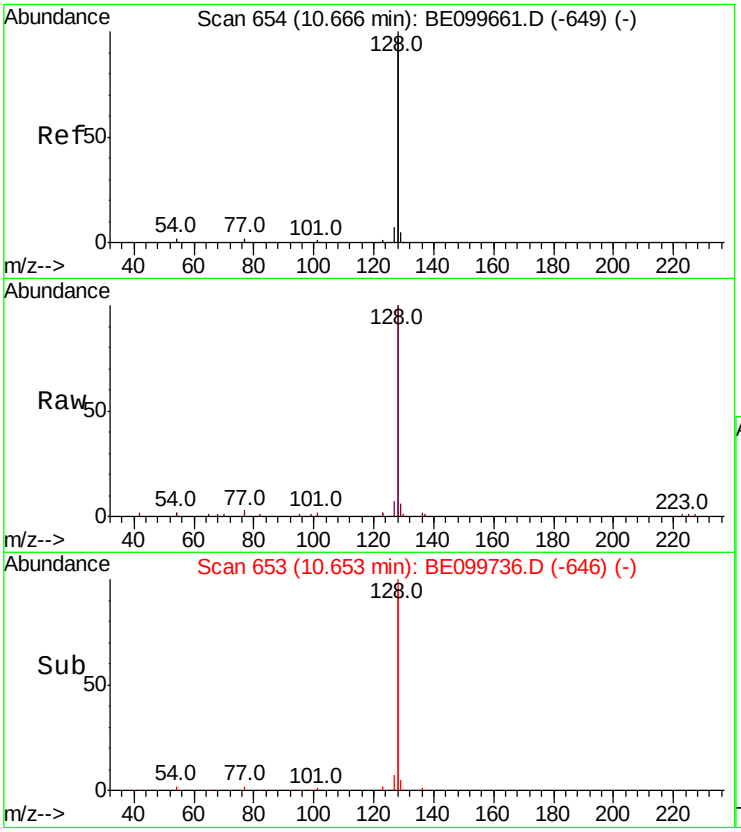


#8
Nitrobenzene-d5
Concen: 0.462 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion: 82 Resp: 1696

Ion	Ratio	Lower	Upper
82	100		
128	146.6	117.7	176.5
54	143.9	106.6	160.0



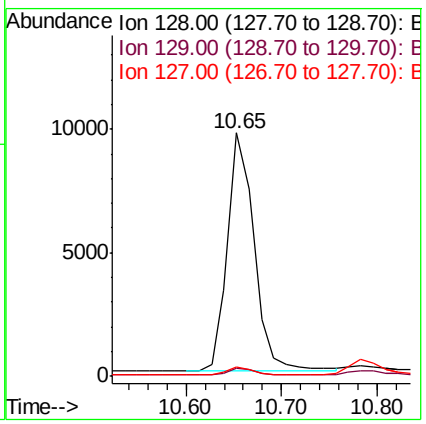


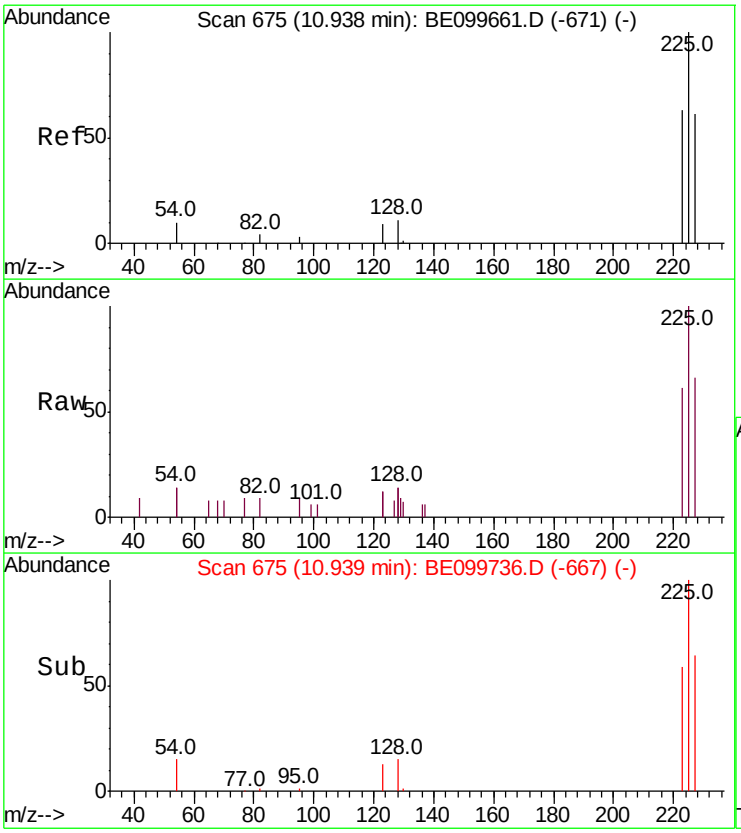
#9
Naphthalene
Concen: 0.411 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 18649

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.4	3.6
127	3.7	2.9	4.3

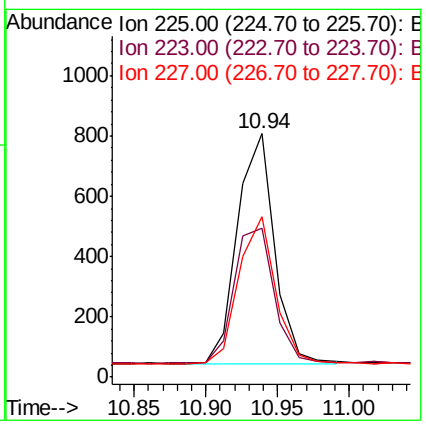


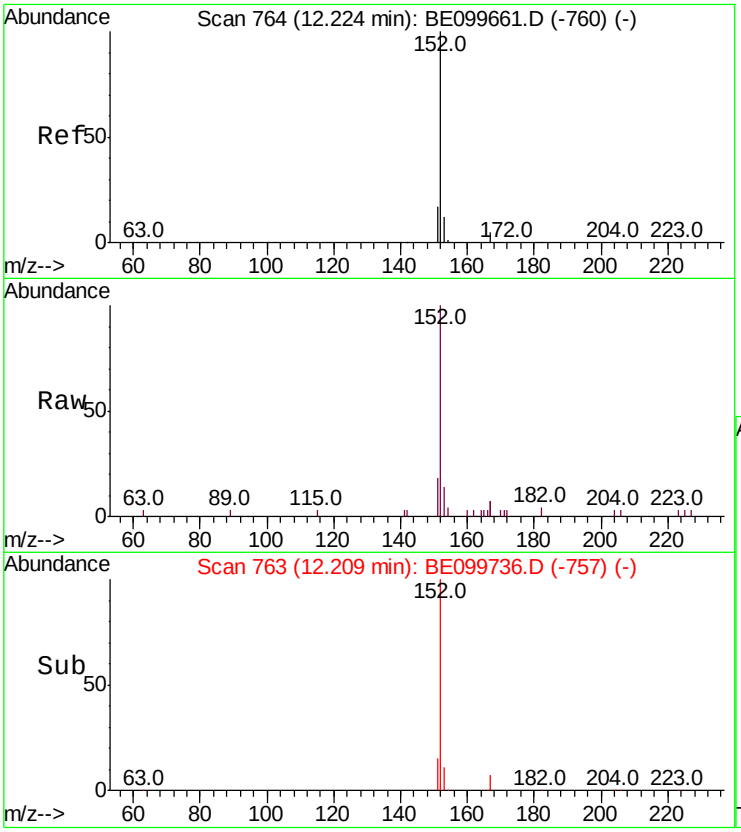


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:225 Resp: 1370

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.8	77.6
227	62.8	52.6	79.0

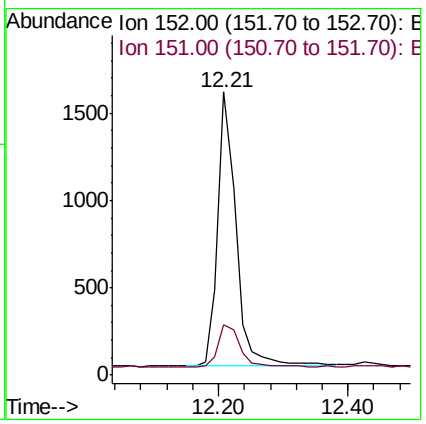




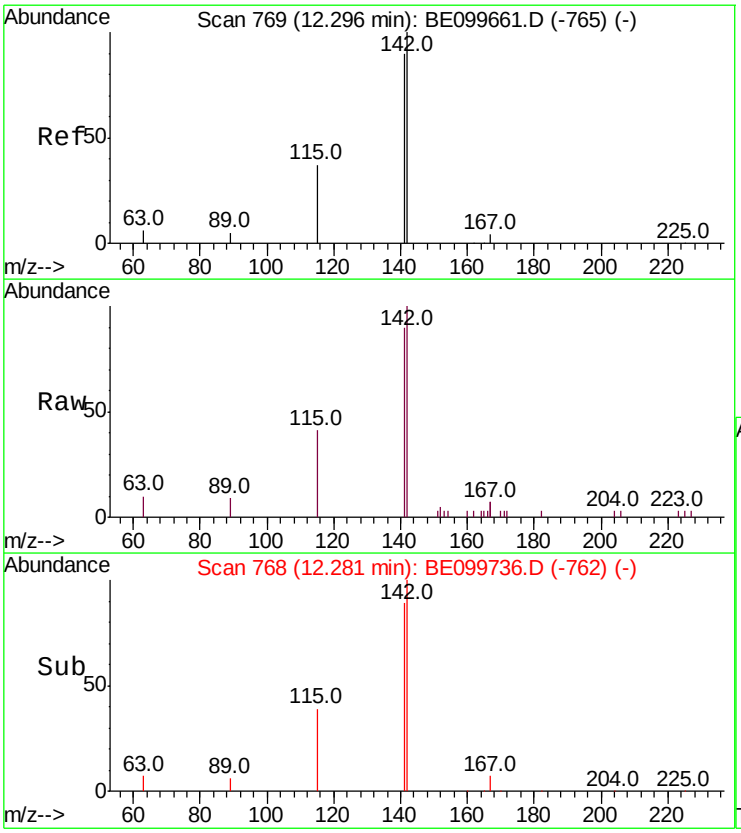
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:152 Resp: 3041

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.0	22.4



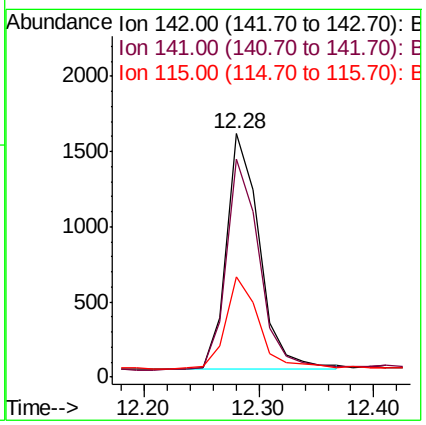
Instrument :
BNA_E
ClientSampleId :

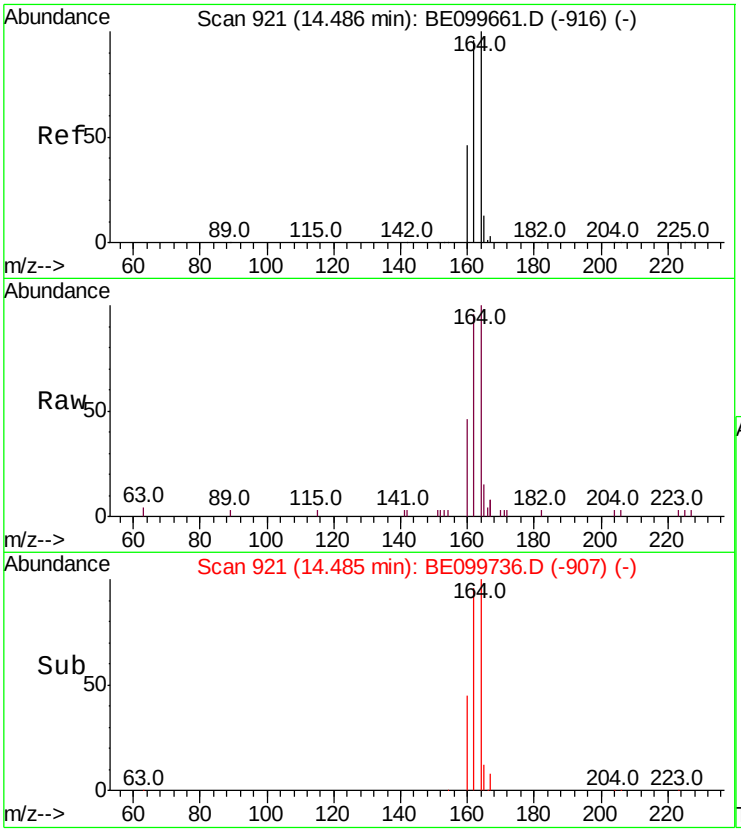


#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:142 Resp: 3147

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.0	108.0
115	41.2	31.0	46.4



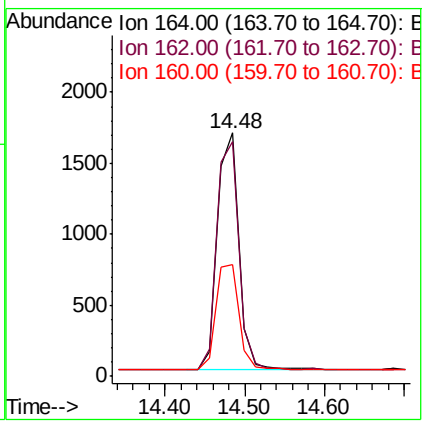


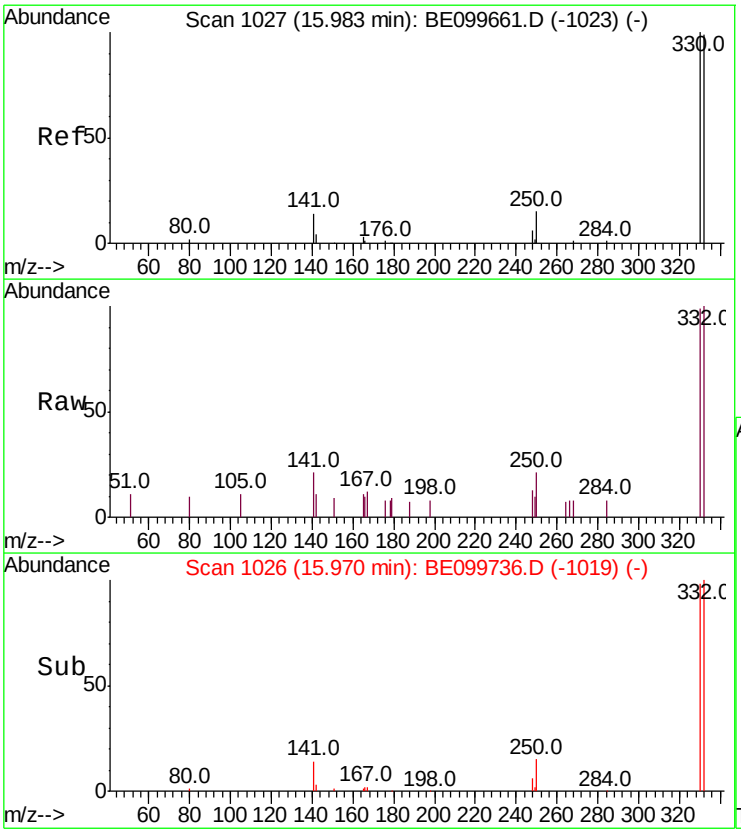
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3102

Ion	Ratio	Lower	Upper
164	100		
162	96.4	76.5	114.7
160	46.0	37.4	56.2

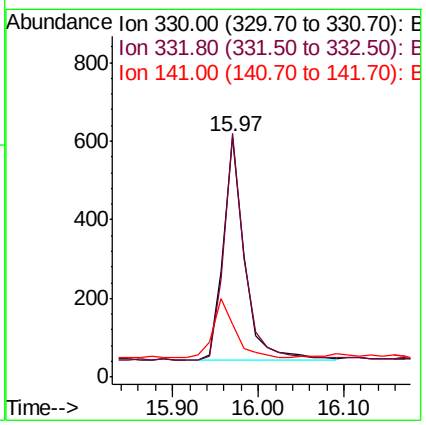


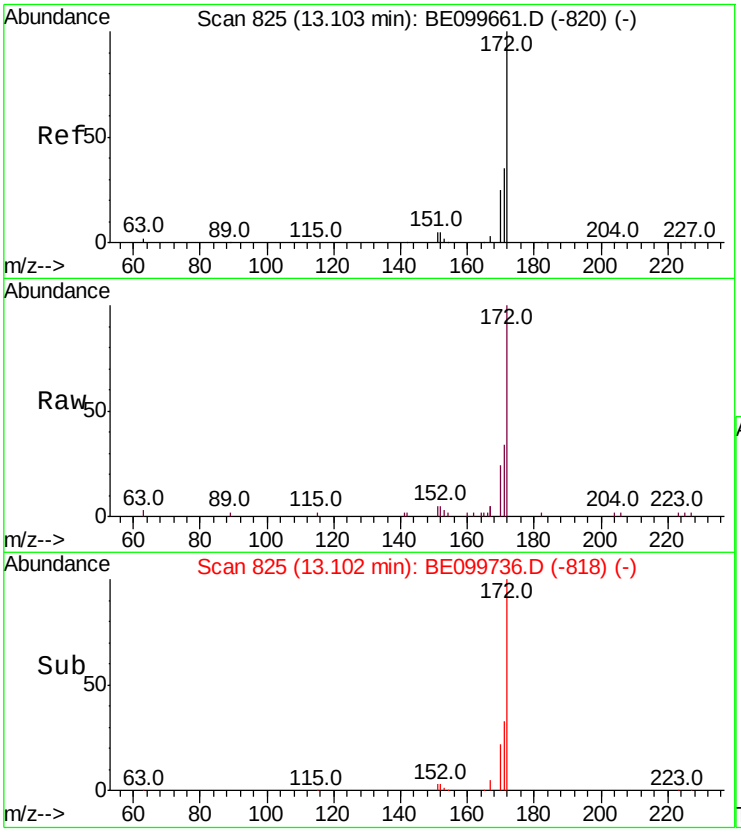


#14
2,4,6-Tribromophenol
Concen: 0.541 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:330 Resp: 983

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.3	115.9
141	27.4	18.9	28.3



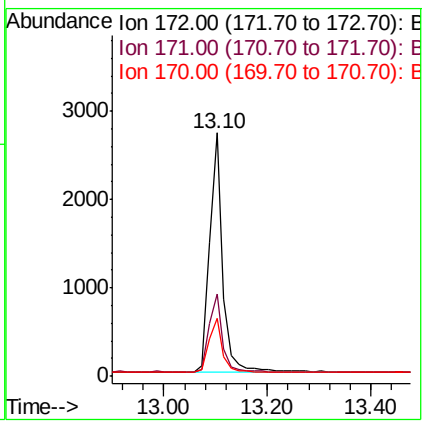


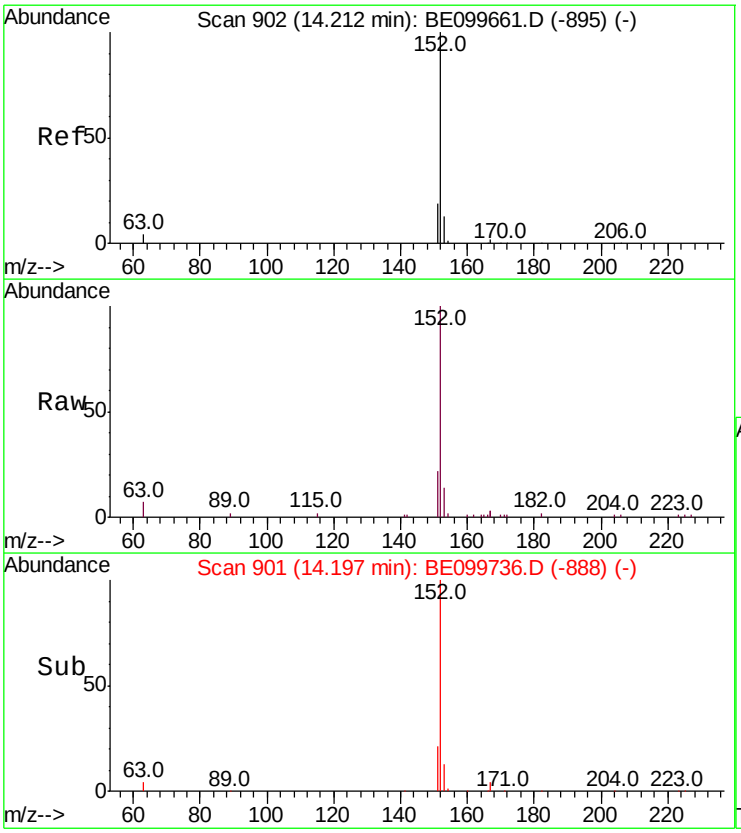
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4854

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.7	43.1
170	23.8	20.9	31.3

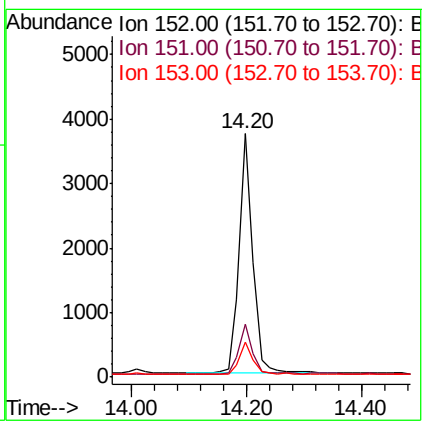


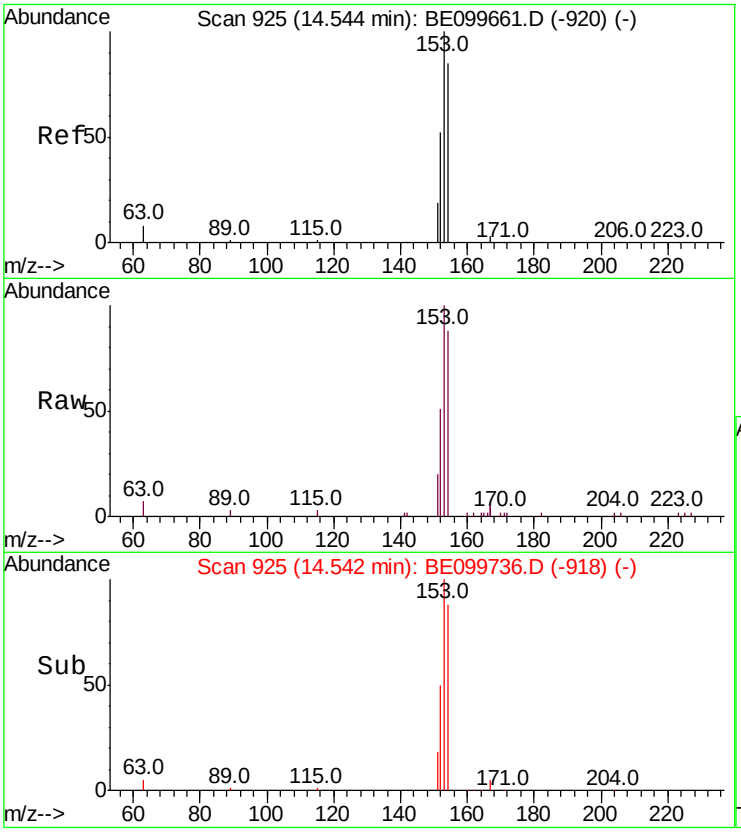


#16
Acenaphthylene
Concen: 0.423 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:152 Resp: 6110

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.5	10.6	16.0



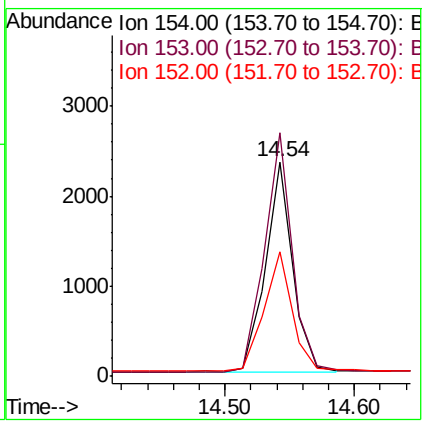


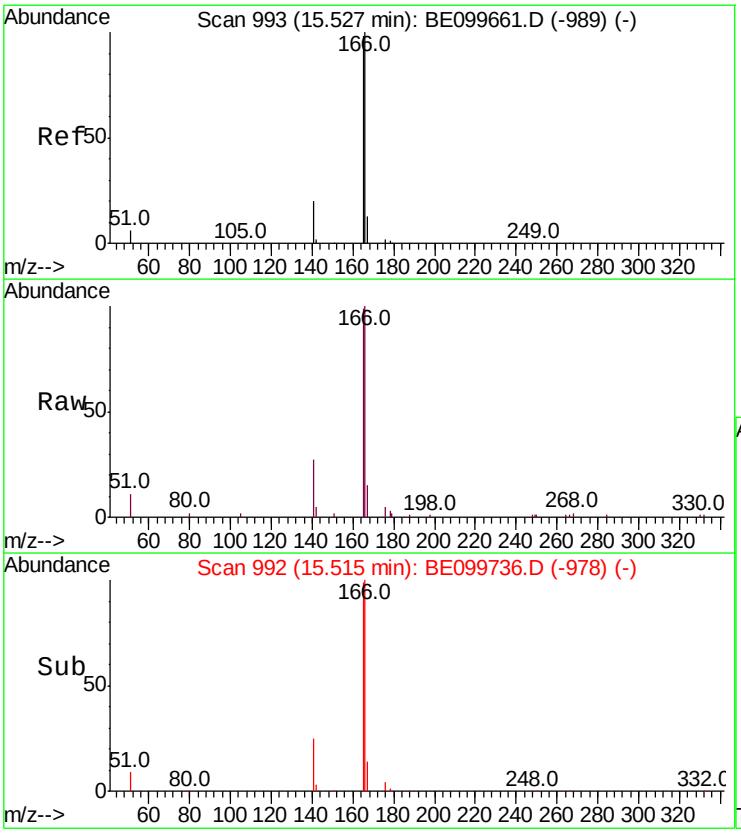
#17
Acenaphthene
Concen: 0.416 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3379

Ion	Ratio	Lower	Upper
154	100		
153	117.0	91.8	137.6
152	59.8	46.0	69.0

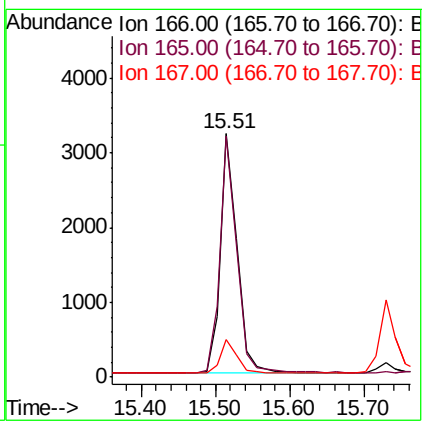


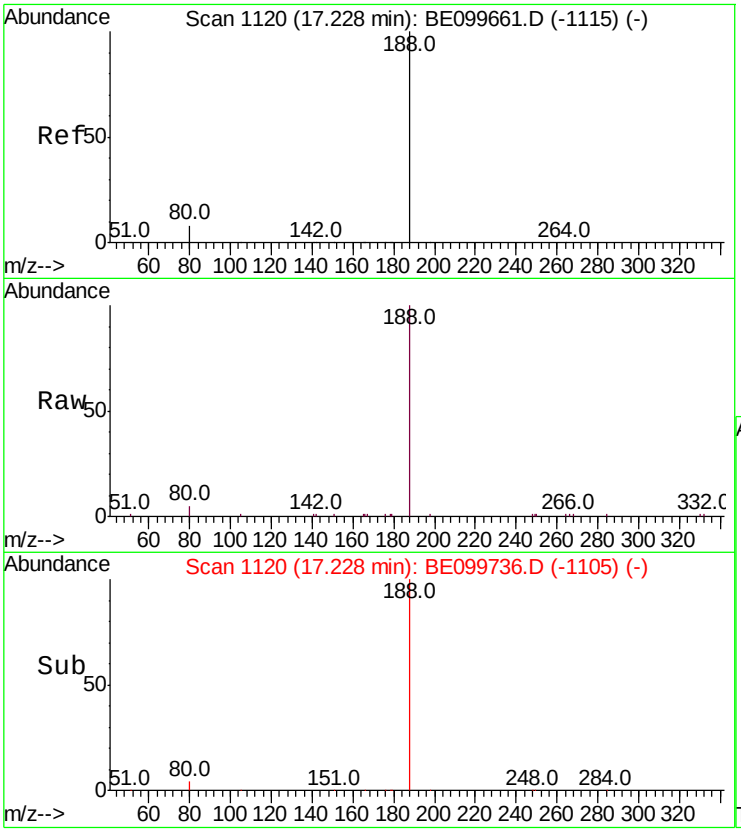


#18
Fluorene
Concen: 0.426 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:166 Resp: 5096

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.3	120.5
167	14.0	10.6	16.0



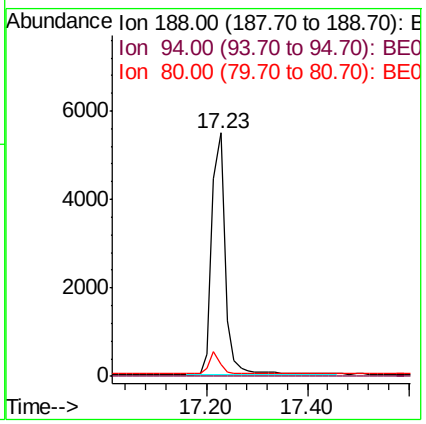


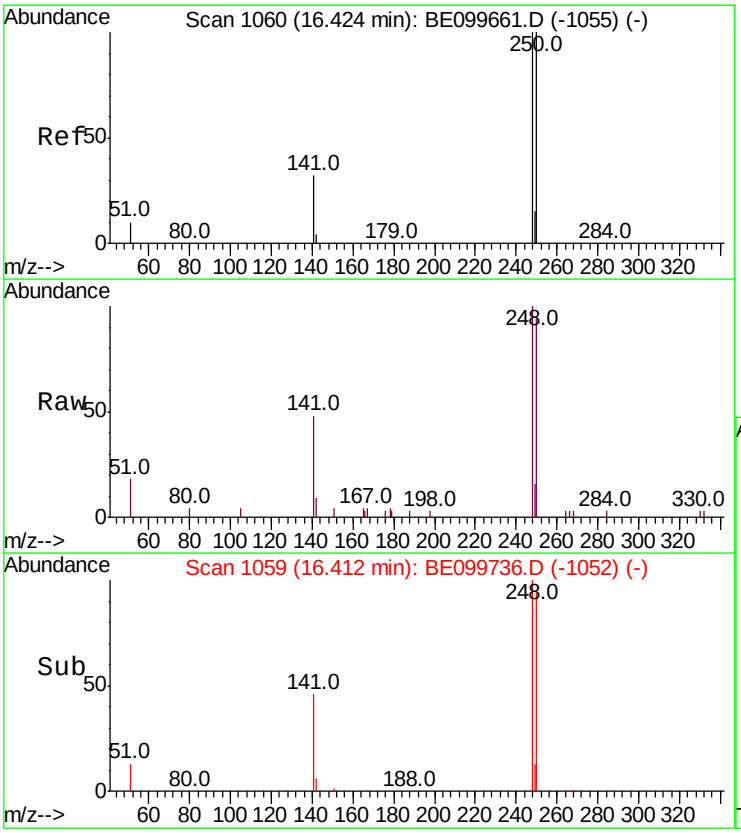
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9979

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.1	6.7	10.1#

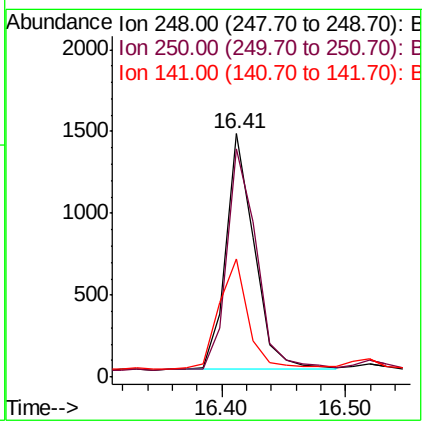


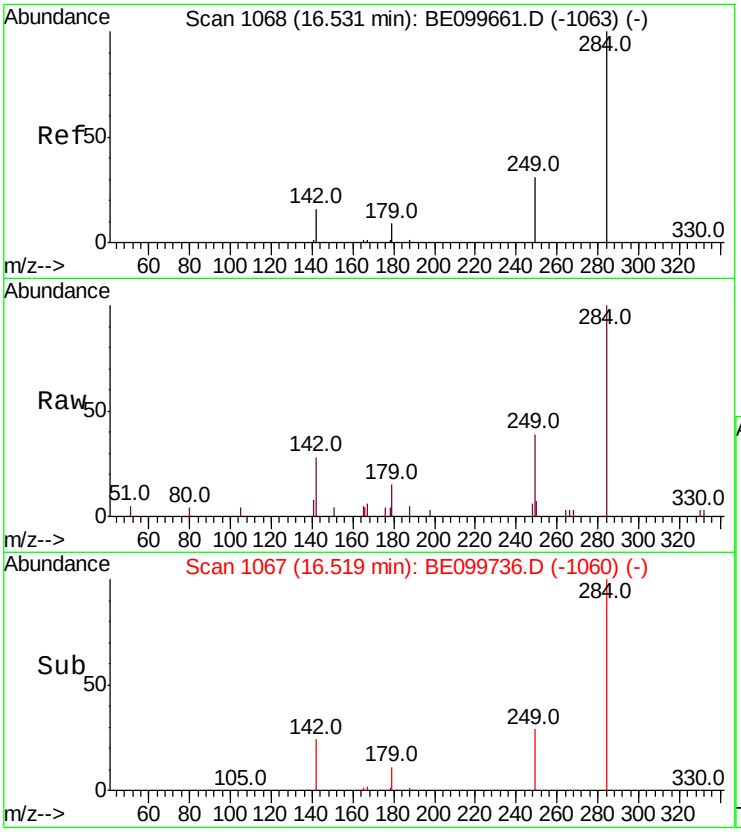


#20
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:248 Resp: 2303

Ion	Ratio	Lower	Upper
248	100		
250	93.8	79.8	119.8
141	48.3	27.0	40.6#



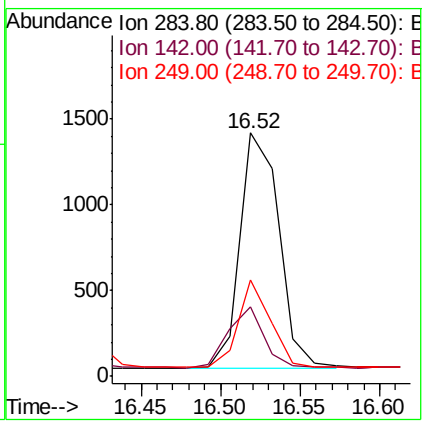


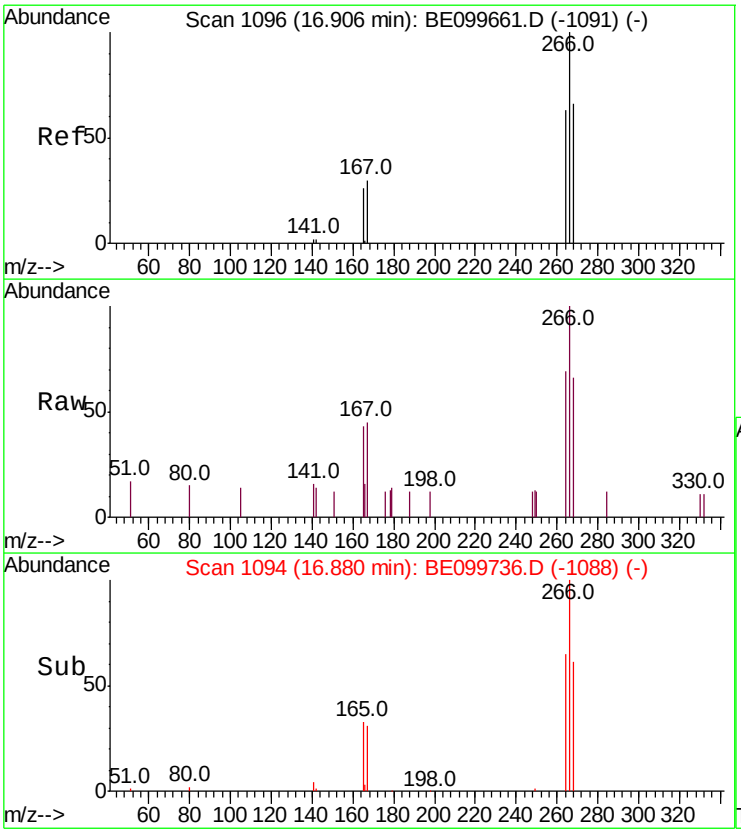
#21
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2356

Ion	Ratio	Lower	Upper
284	100		
142	23.6	17.8	26.6
249	30.8	24.8	37.2

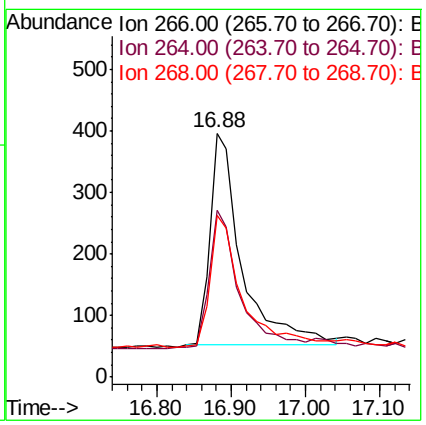


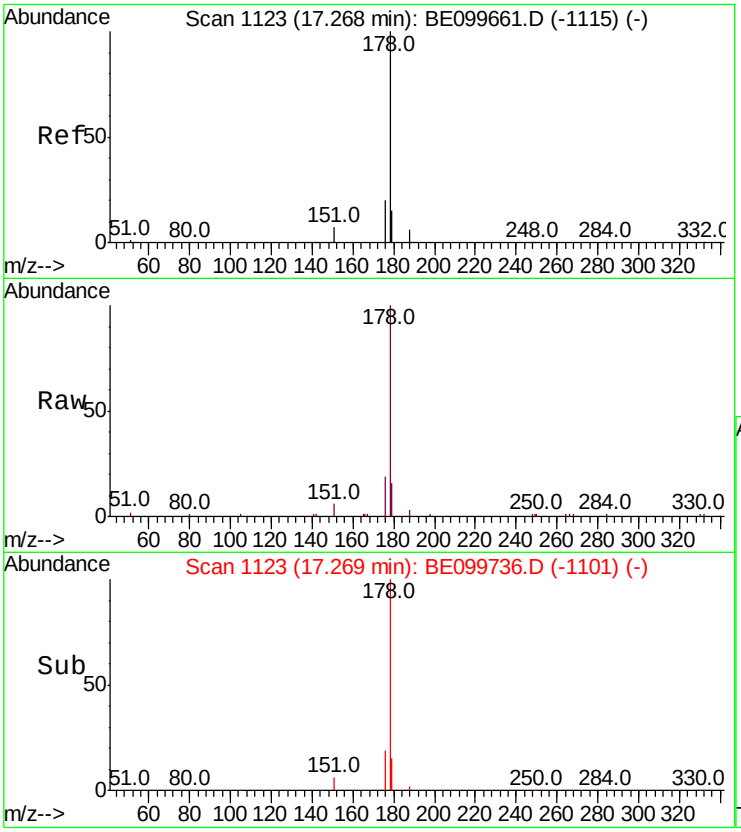


#22
Pentachlorophenol
Concen: 0.720 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:266 Resp: 1020

Ion	Ratio	Lower	Upper
266	100		
264	68.7	57.2	85.8
268	66.4	60.5	90.7



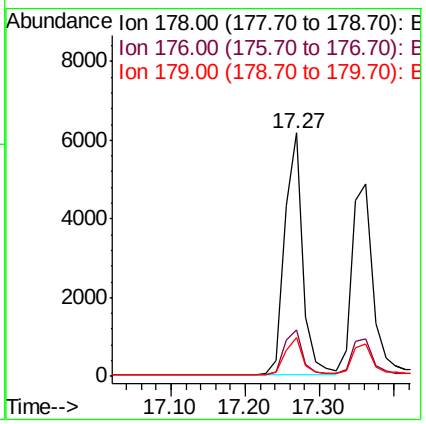


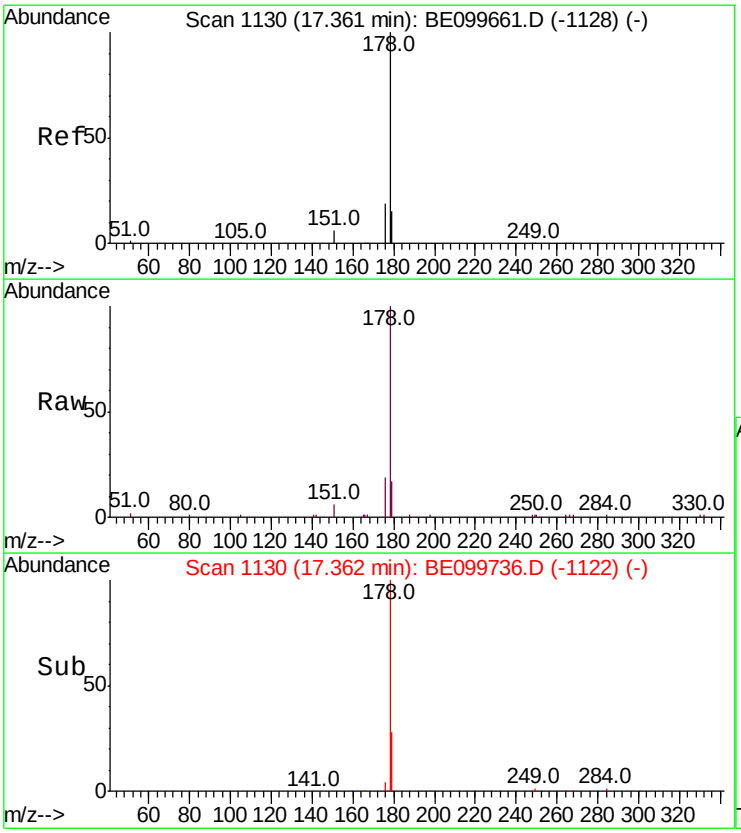
#23
Phenanthrene
Concen: 0.423 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10319

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.4	12.2	18.4

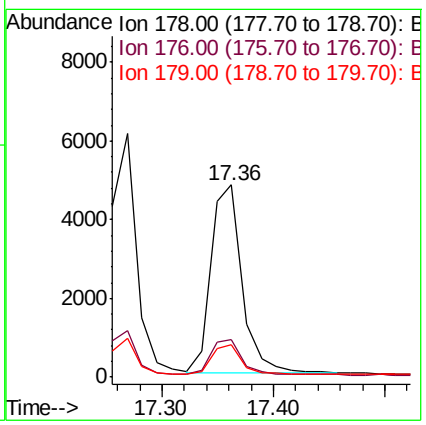


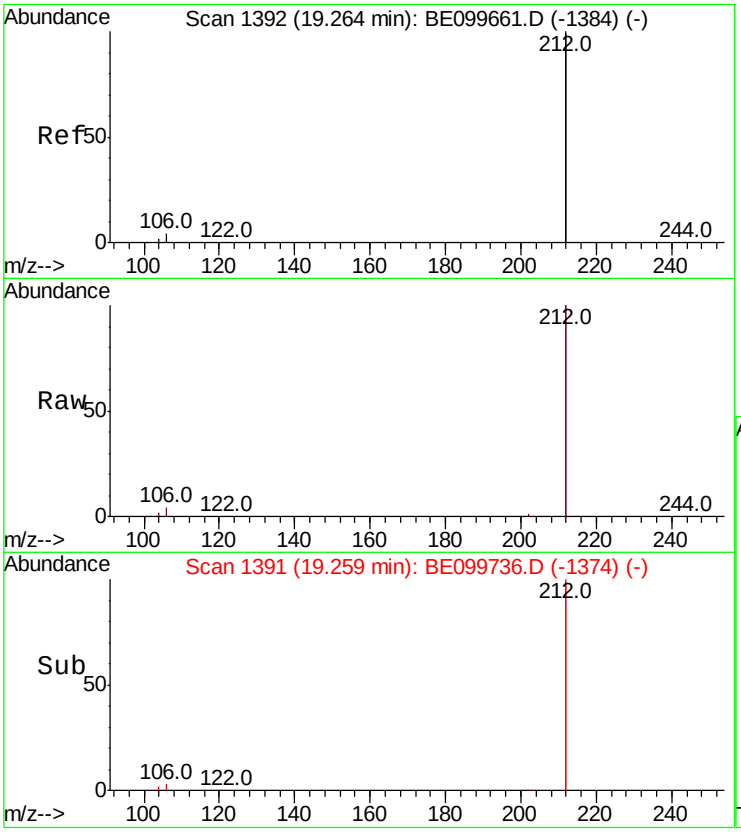


#24
Anthracene
Concen: 0.420 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:178 Resp: 9280

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.3	12.0	18.0



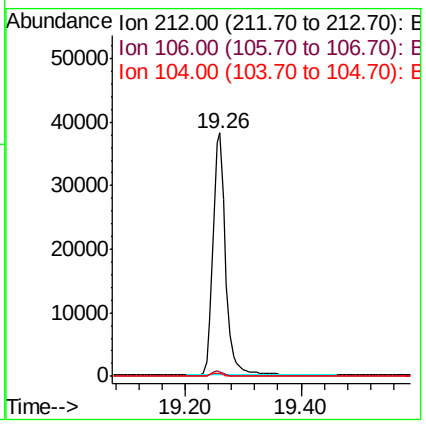


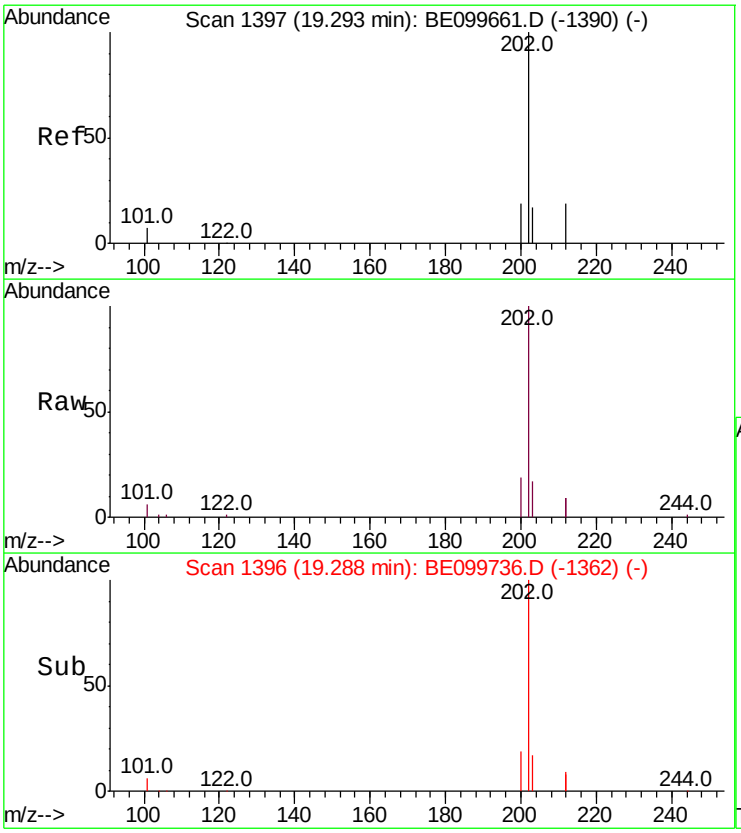
#25
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 58015

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.8	1.2

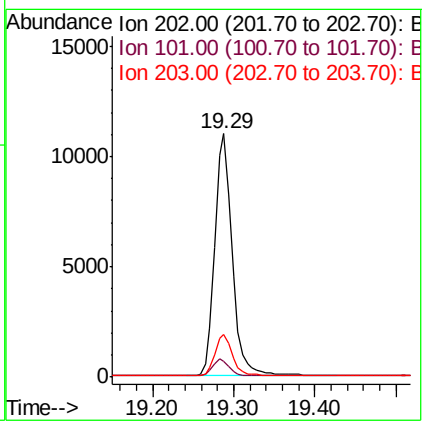


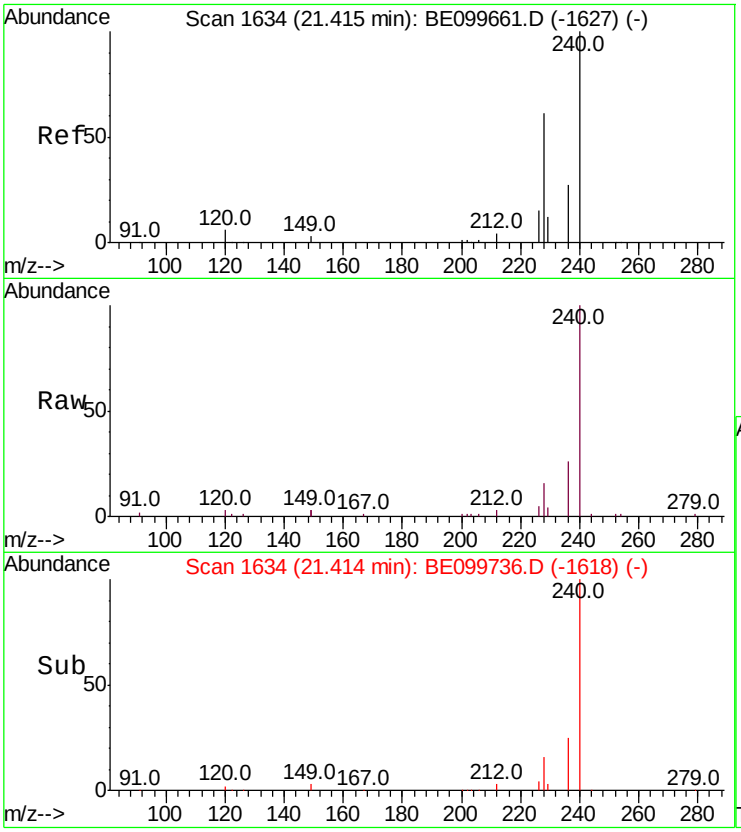


#26
Fluoranthene
Concen: 0.425 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:202 Resp: 16368

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.0	13.8	20.6



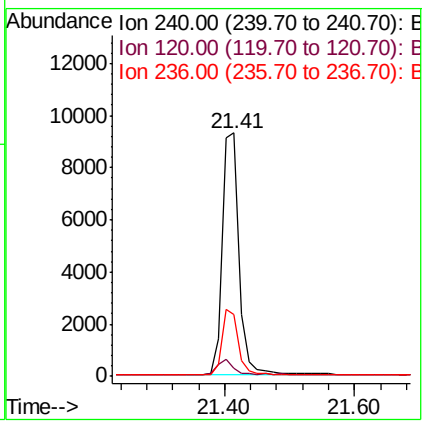


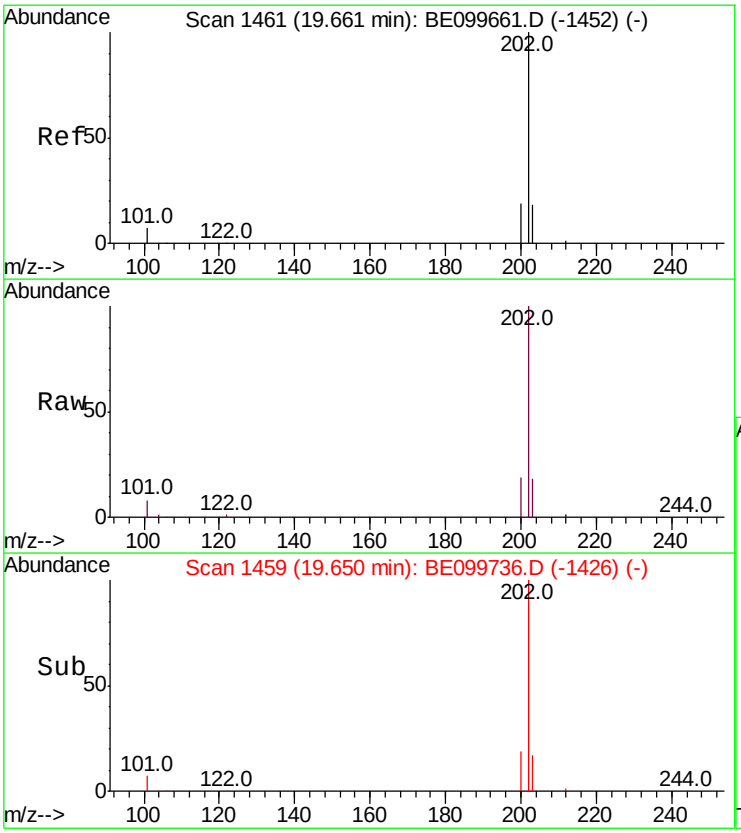
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17020

Ion	Ratio	Lower	Upper
240	100		
120	3.2	5.4	8.0#
236	25.6	21.7	32.5

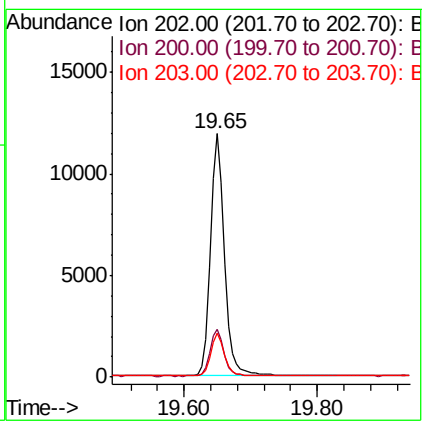


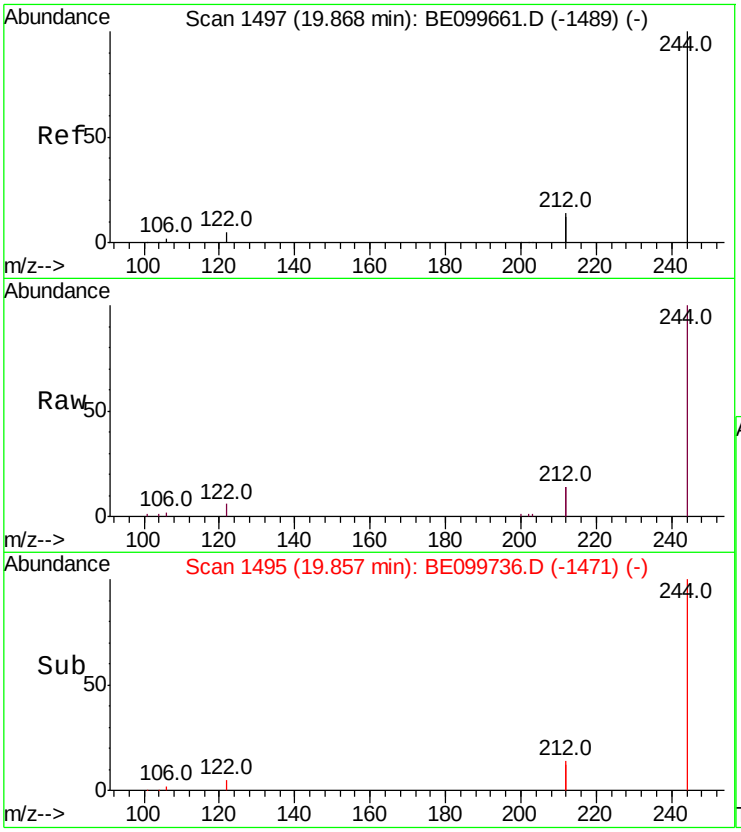


#28
Pyrene
Concen: 0.407 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:202 Resp: 17400

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.4	23.2
203	17.4	13.8	20.8



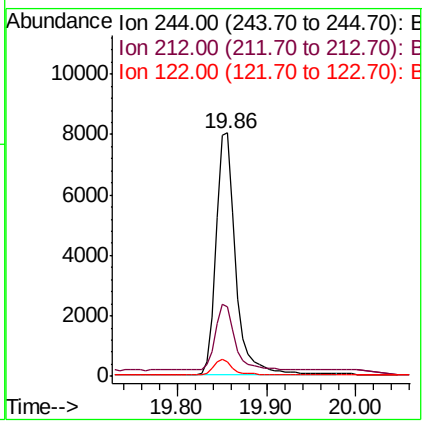


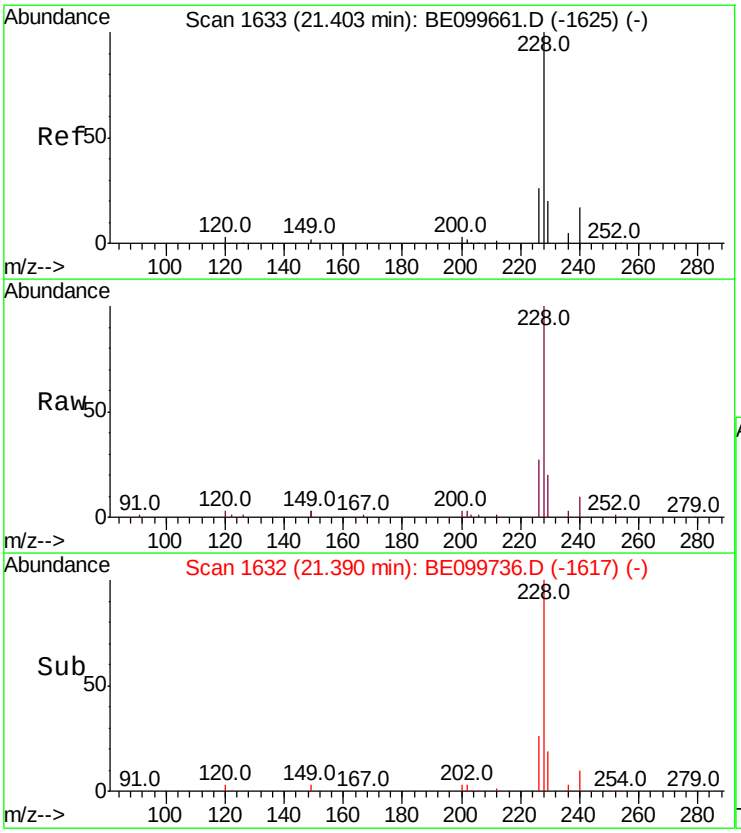
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12176

Ion	Ratio	Lower	Upper
244	100		
212	28.8	22.5	33.7
122	6.0	4.3	6.5

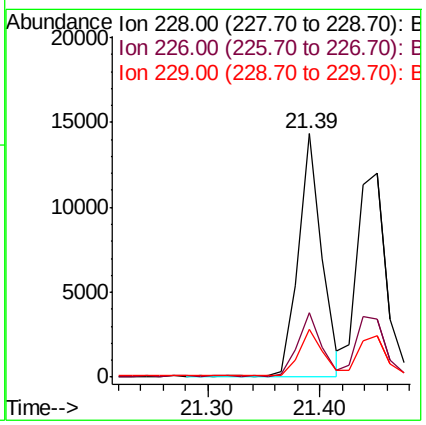


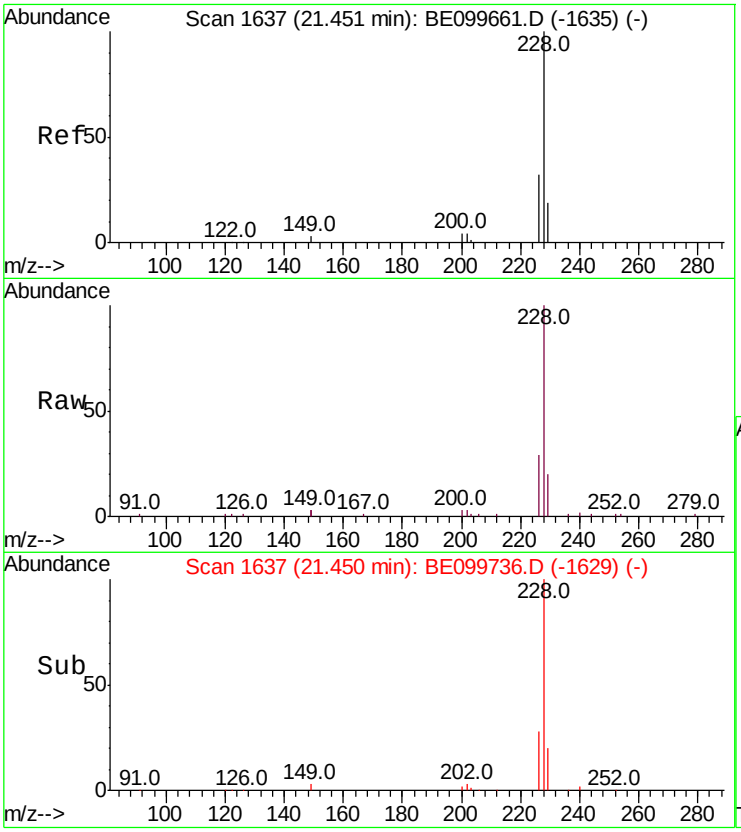


#30
Benzo(a)anthracene
Concen: 0.425 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:228 Resp: 20538

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.7	16.1	24.1



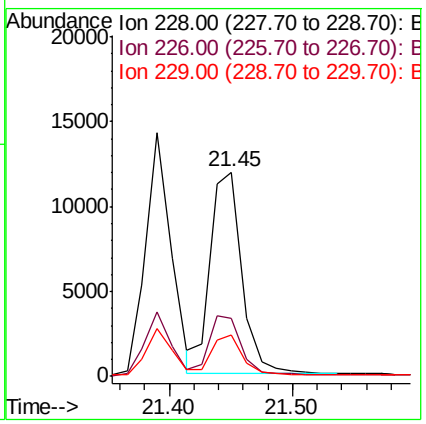


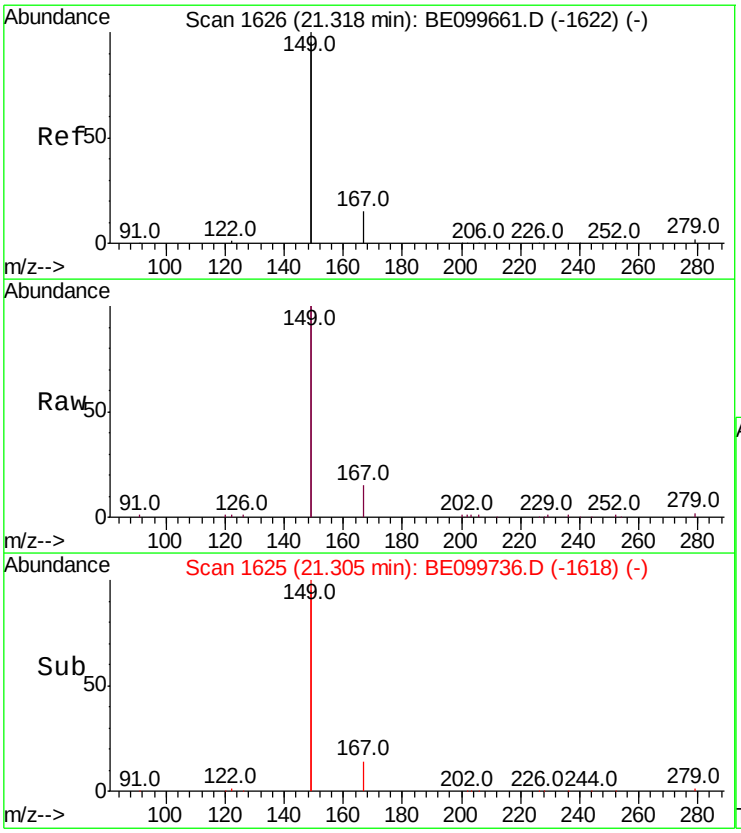
#31
Chrysene
Concen: 0.411 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 21240

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.7	37.1
229	20.2	15.8	23.6

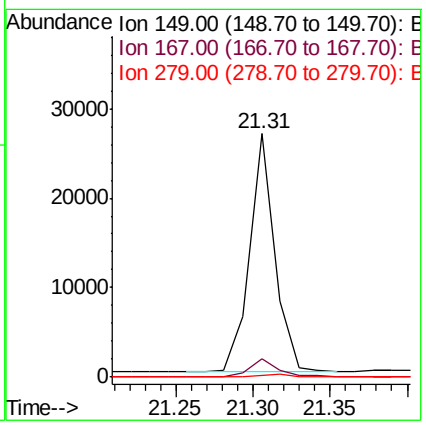


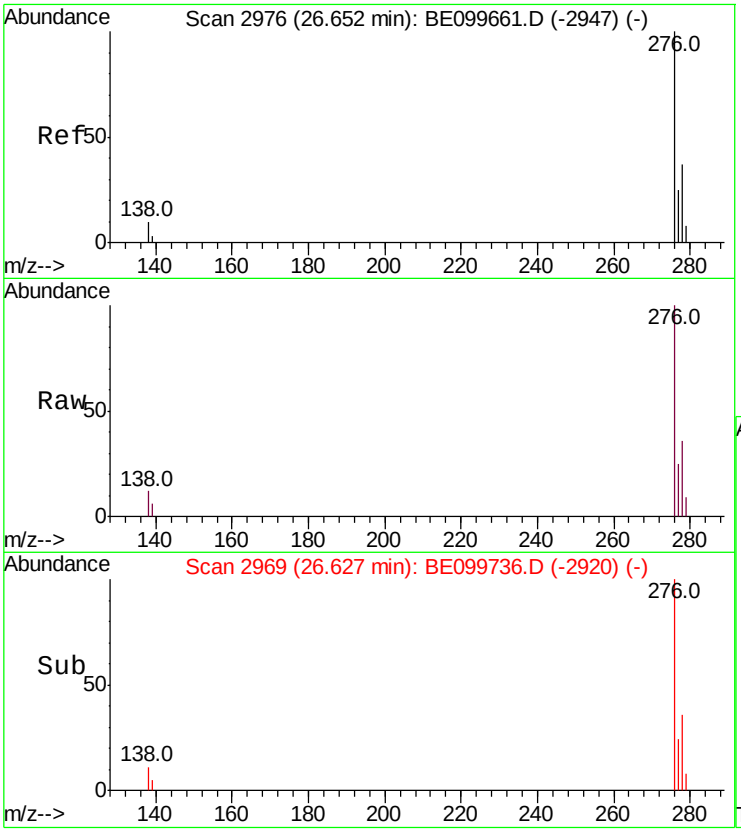


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.539 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:149 Resp: 30045

Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.2	9.4
279	1.4	1.2	1.8



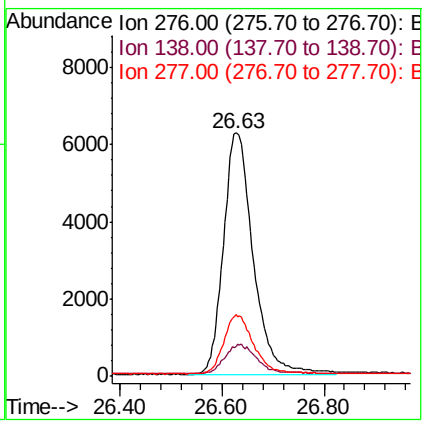


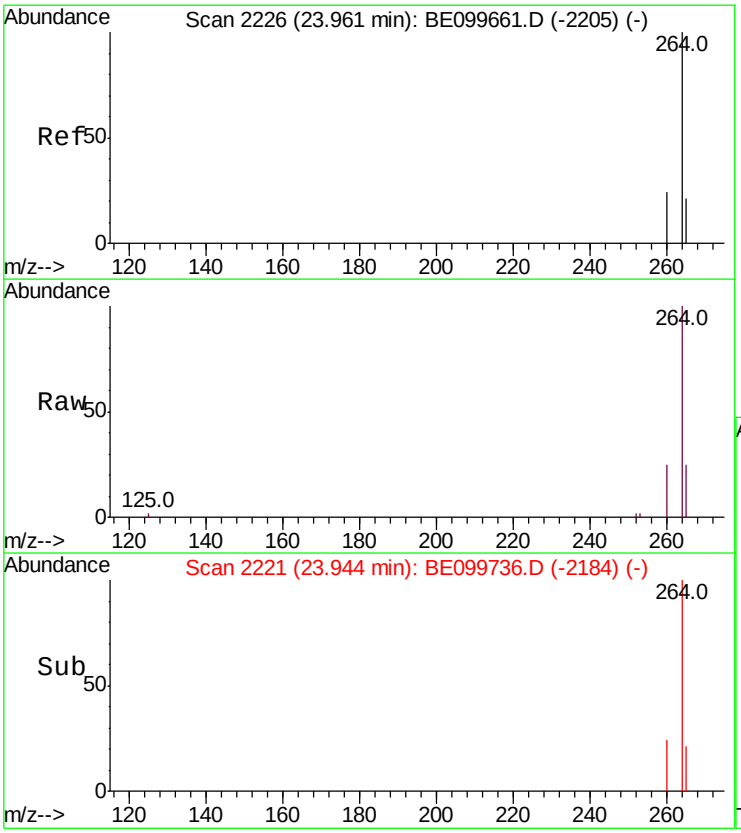
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 25373

Ion	Ratio	Lower	Upper
276	100		
138	12.9	9.6	14.4
277	24.4	19.2	28.8

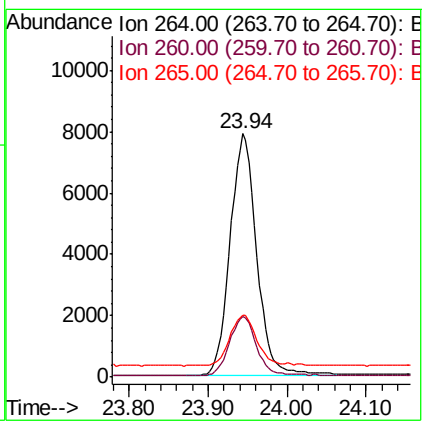


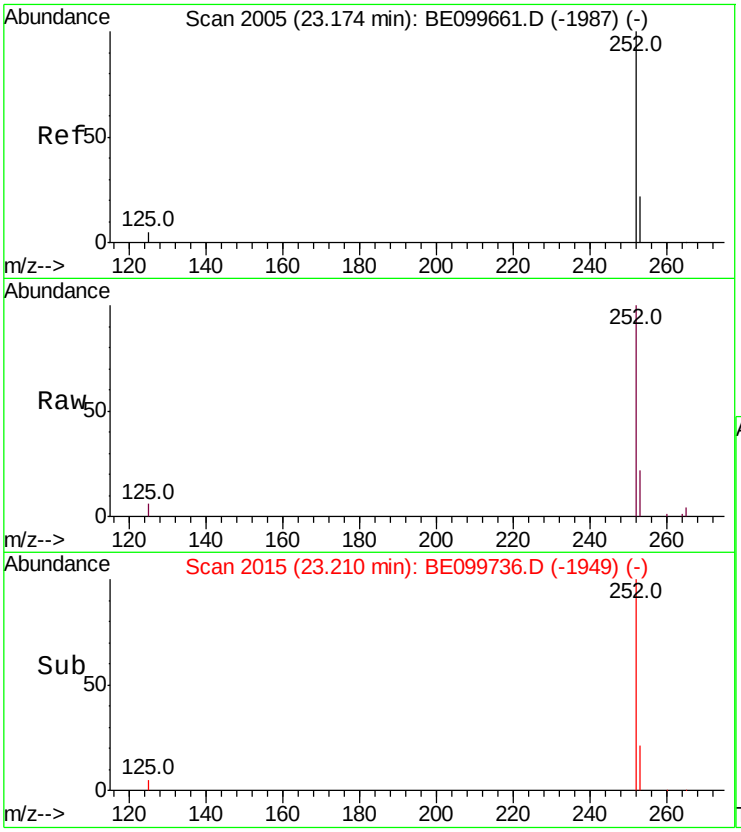


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:264 Resp: 18336

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	25.4	19.1	28.7



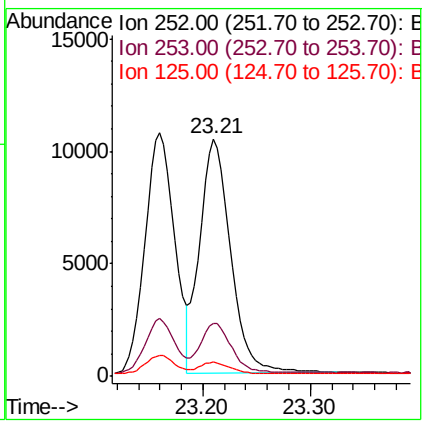


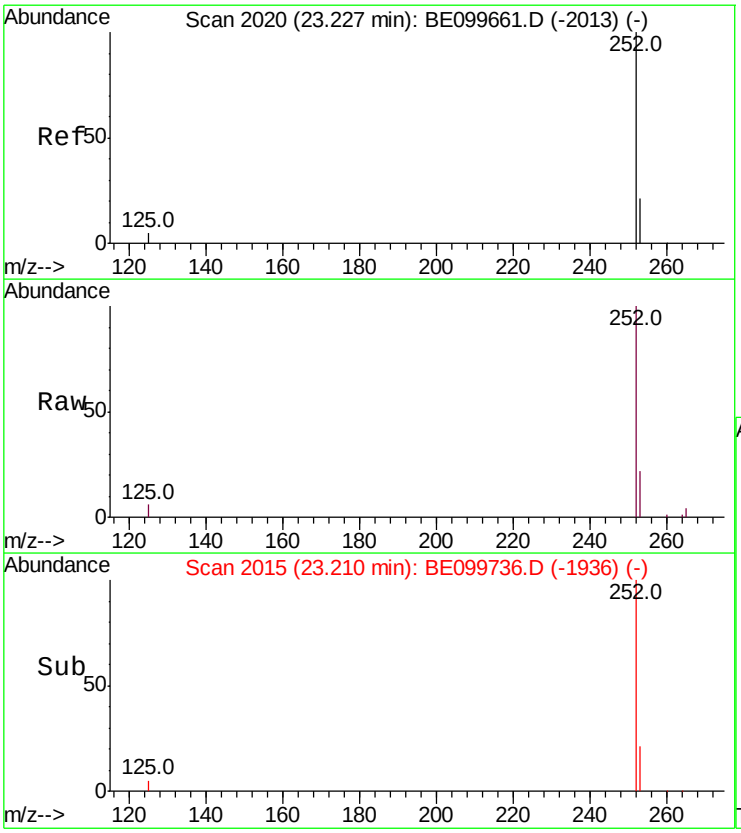
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.04 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20852

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	5.9	4.5	6.7

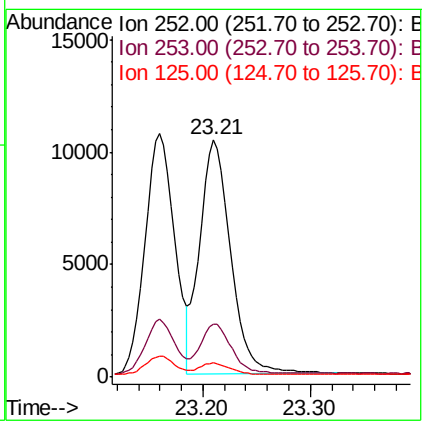


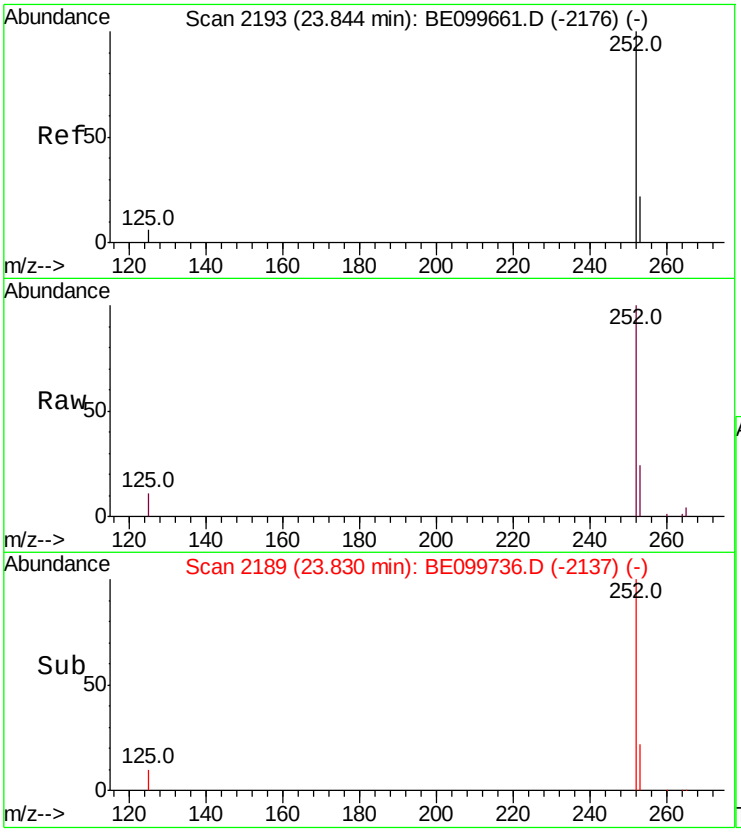


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:252 Resp: 20852

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	5.9	4.6	6.8



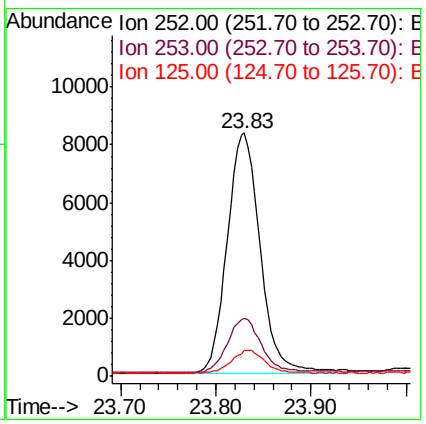


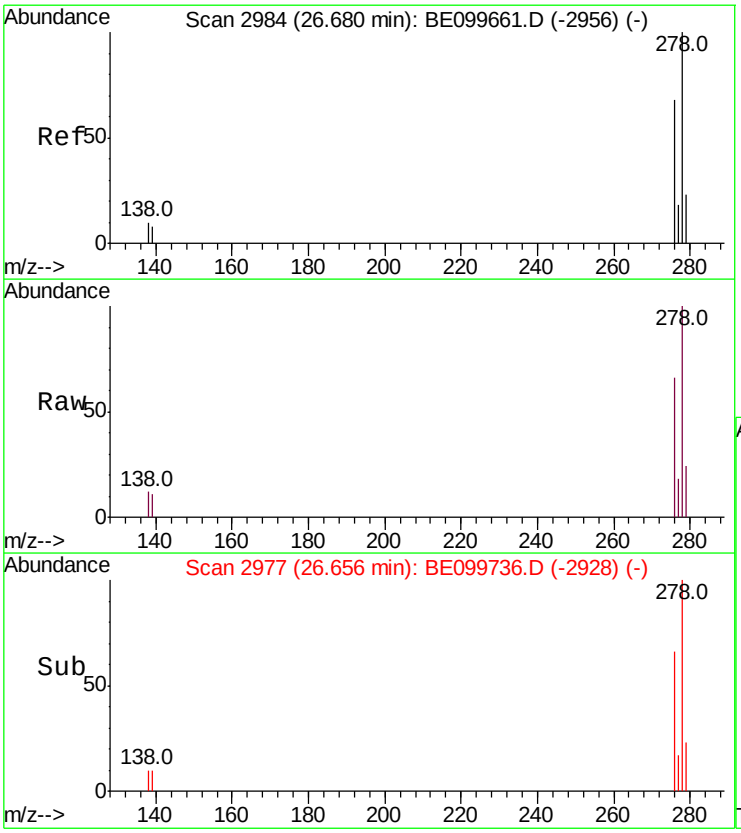
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19929

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	10.9	5.4	8.0#

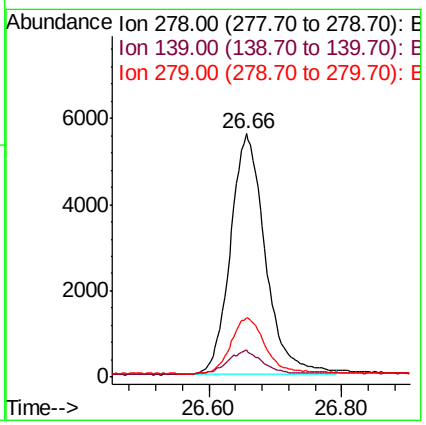


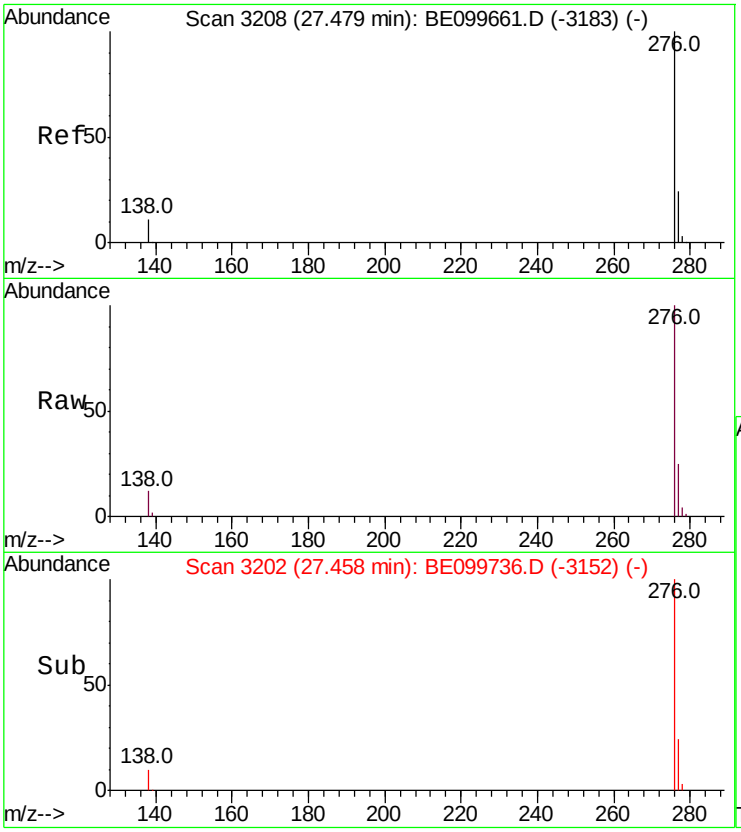


#38
Dibenzo(a,h)anthracene
Concen: 0.401 ng
RT: 26.66 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Tgt Ion:278 Resp: 20375

Ion	Ratio	Lower	Upper
278	100		
139	11.1	6.9	10.3#
279	24.2	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 27.46 min Scan# 3202
Delta R.T. -0.02 min
Lab File: BE099736.D
Acq: 24 May 2019 11:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20597

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.6
138	11.5	9.2	13.8