Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099770.D
Acq On : 28 May 2019 23:09
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 29 04:11:32 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	7.81	152	1450	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	5303	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	4139	0.40	ng		-0.01
19) Phenanthrene-d10	17.23	188	13334	0.40	ng		0.00
27) Chrysene-d12	21.40	240	18926	0.40	ng		-0.01
34) Perylene-d12	23.94	264	22107	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	1465	0.40	ng		0.00
5) Phenol-d6	6.97	99	1927	0.40	ng		0.00
8) Nitrobenzene-d5	8.96	82	1664	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3341	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	1026	0.45	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	5268	0.34	ng		0.00
25) Fluoranthene-d10	19.26	212	65291	0.36	ng		0.00
29) Terphenyl-d14	19.86	244	13220	0.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	697	0.325	ng		97
3) n-Nitrosodimethylamine	3.61	42	427	0.360	ng	#	80
6) bis(2-Chloroethyl)ether	7.22	93	1480	0.343	ng		99
9) Naphthalene	10.65	128	20231	0.357	ng		100
10) Hexachlorobutadiene	10.93	225	1479	0.354	ng		95
12) 2-Methylnaphthalene	12.28	142	3399	0.368	ng		99
16) Acenaphthylene	14.20	152	7065	0.366	ng		100
17) Acenaphthene	14.54	154	3898	0.360	ng		99
18) Fluorene	15.51	166	5927	0.372	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	2623	0.341	ng	#	95
21) Hexachlorobenzene	16.52	284	2648	0.337	ng		98
22) Pentachlorophenol	16.89	266	743	0.484	ng		97
23) Phenanthrene	17.27	178	11760	0.361	ng		99
24) Anthracene	17.36	178	10659	0.361	ng		99
26) Fluoranthene	19.29	202	18541	0.360	ng		100
28) Pyrene	19.65	202	19230	0.404	ng		100
30) Benzo(a)anthracene	21.39	228	21672	0.403	ng		99
31) Chrysene	21.45	228	22589	0.393	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	32349	0.522	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	26429	0.381	ng		98
35) Benzo(b)fluoranthene	23.21	252	21895	0.361	ng		100
36) Benzo(k)fluoranthene	23.21	252	21895	0.347	ng		99
37) Benzo(a)pyrene	23.83	252	21271	0.365	ng	#	97
38) Dibenzo(a,h)anthracene	26.65	278	21377	0.349	ng		98
39) Benzo(g,h,i)perylene	27.46	276	21967	0.355	ng		100

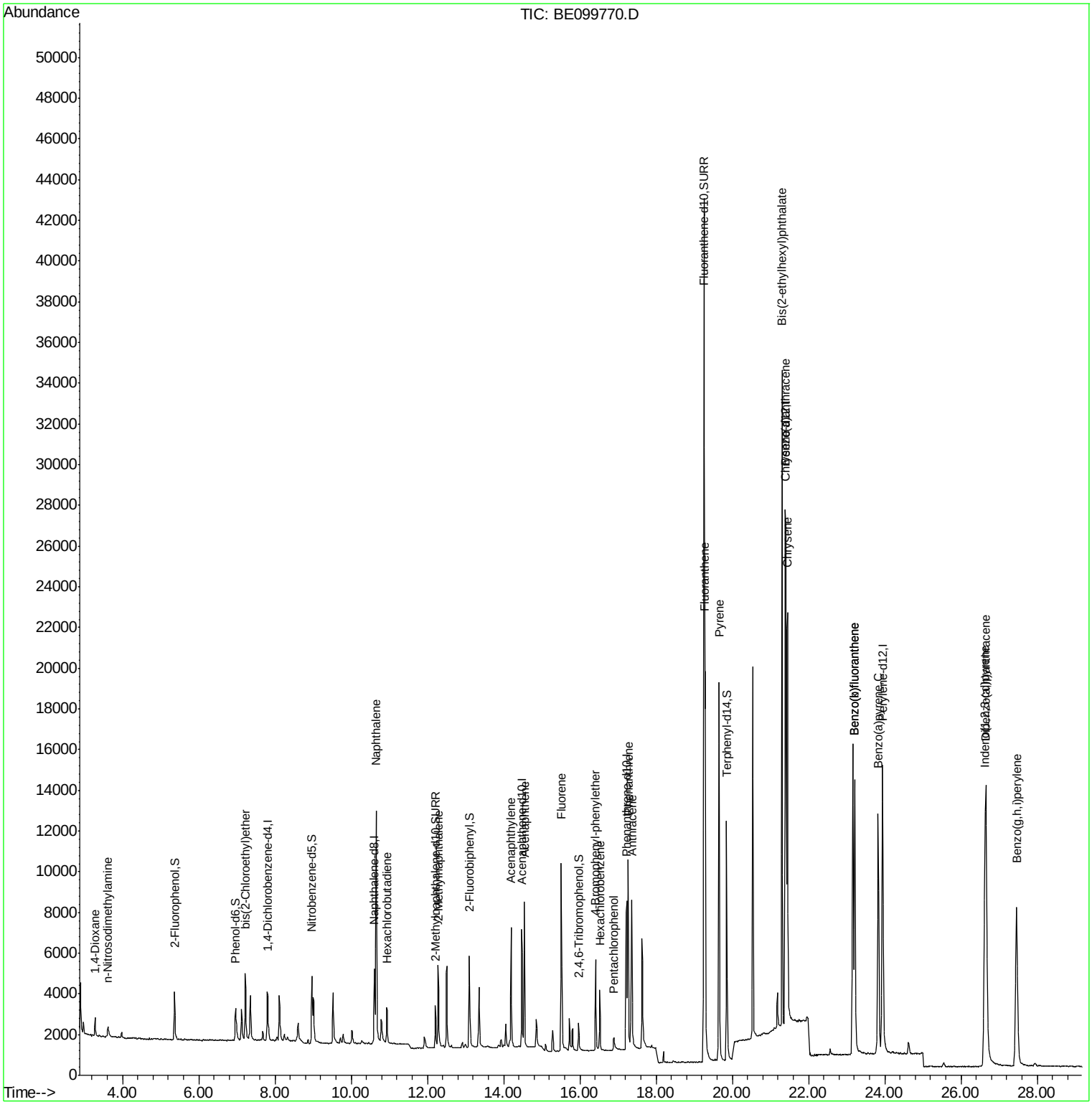
(#) = qualifier out of range (m) = manual integration (+) = signals summed

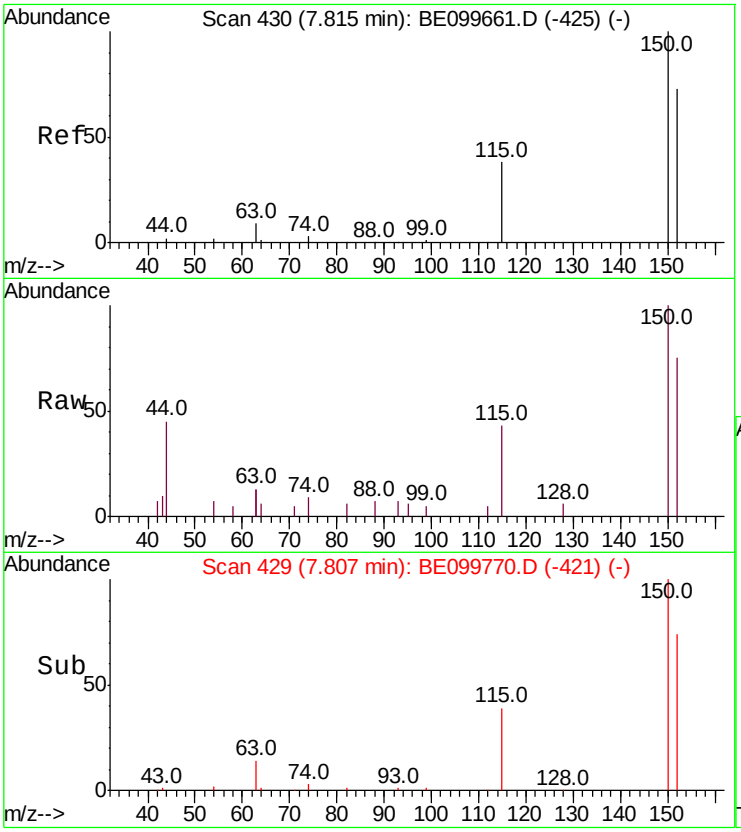
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099770.D
Acq On : 28 May 2019 23:09
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 29 04:11:32 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



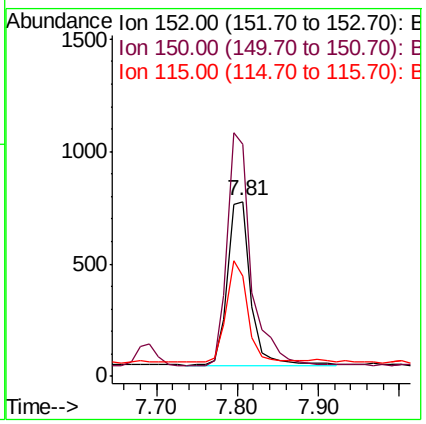


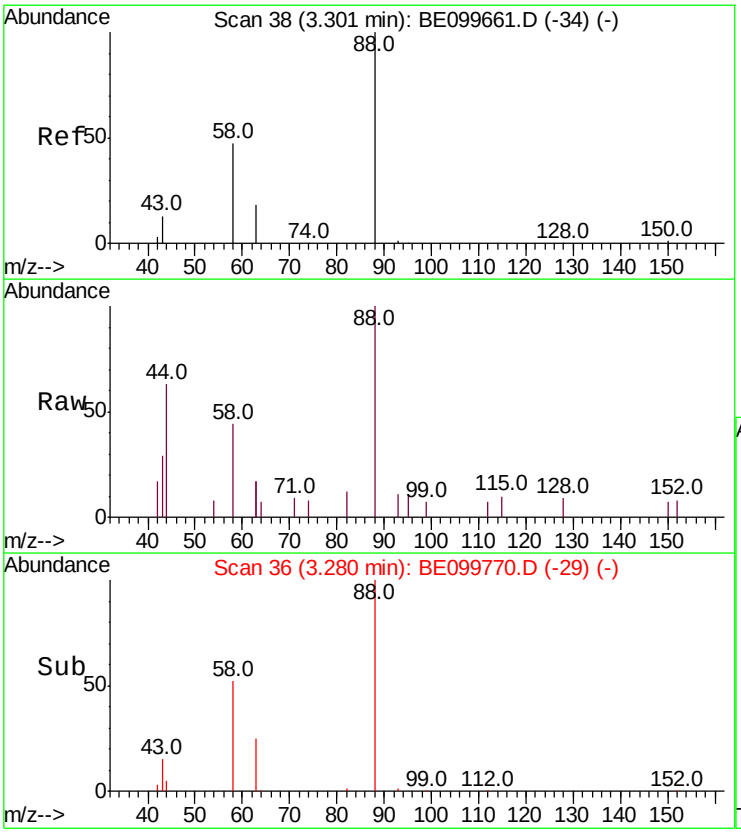
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1450

Ion	Ratio	Lower	Upper
152	100		
150	132.8	109.2	163.8
115	57.5	43.7	65.5

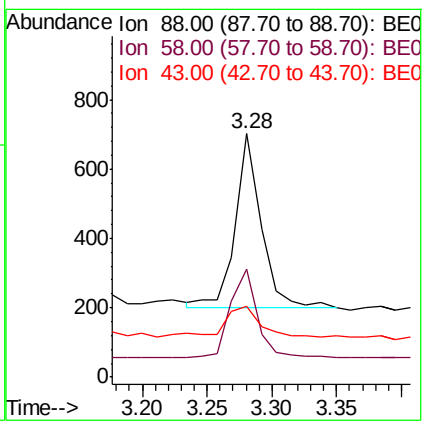


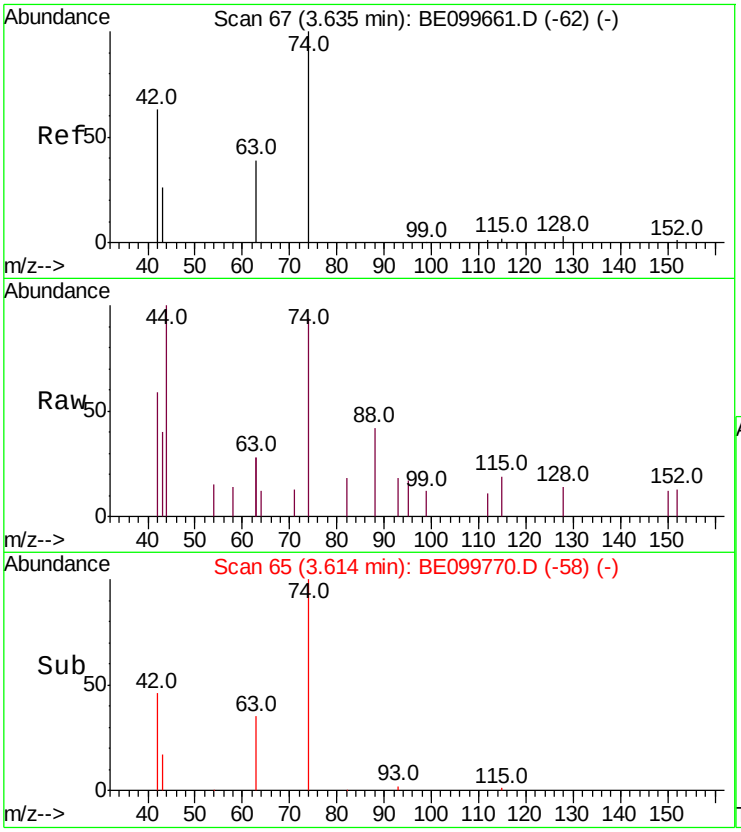


#2
1,4-Dioxane
Concen: 0.325 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion: 88 Resp: 697

Ion	Ratio	Lower	Upper
88	100		
58	53.5	41.8	62.8
43	22.2	15.0	22.4



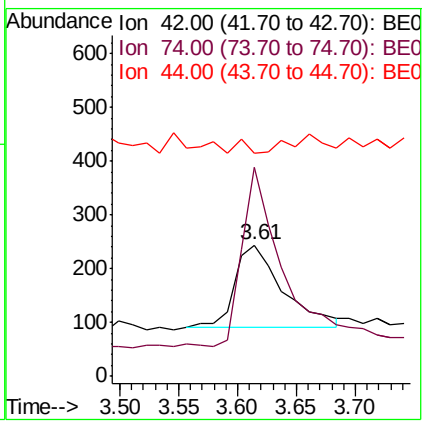


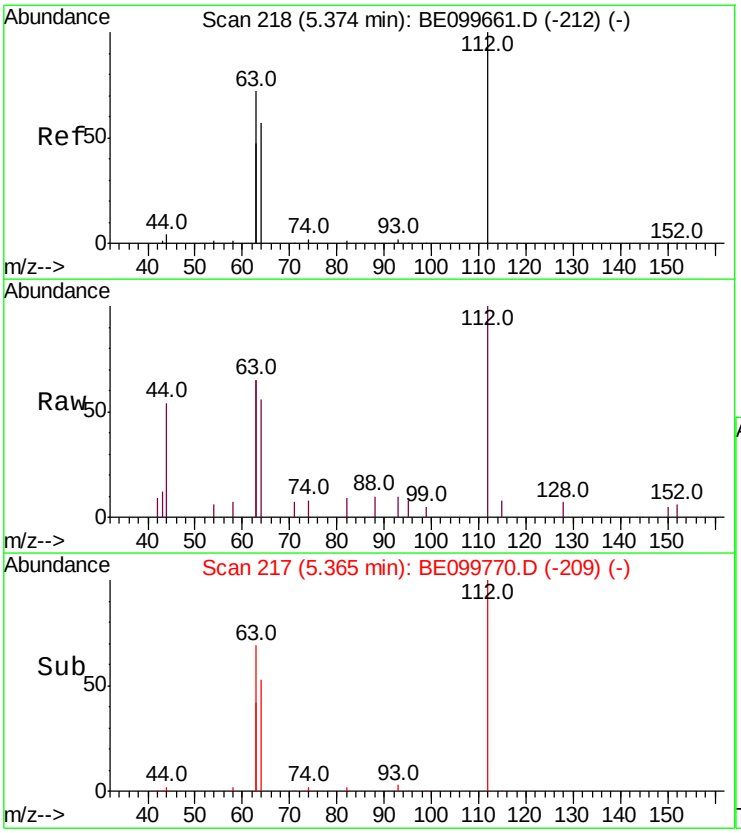
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 427

Ion	Ratio	Lower	Upper
42	100		
74	188.5	129.2	193.8
44	0.0	0.0	0.0

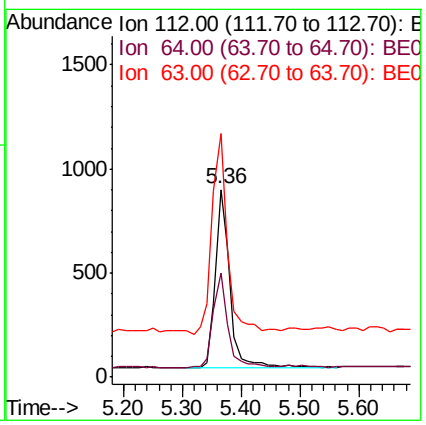


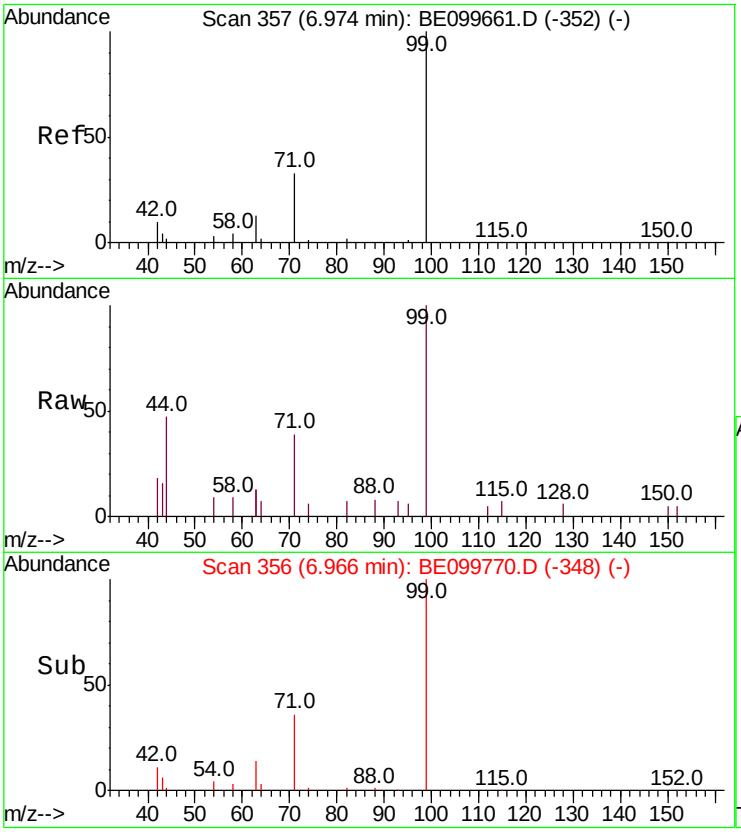


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:112 Resp: 1465

Ion	Ratio	Lower	Upper
112	100		
64	52.1	43.4	65.2
63	119.2	96.9	145.3



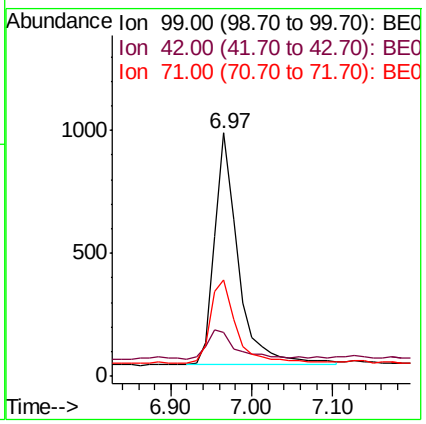


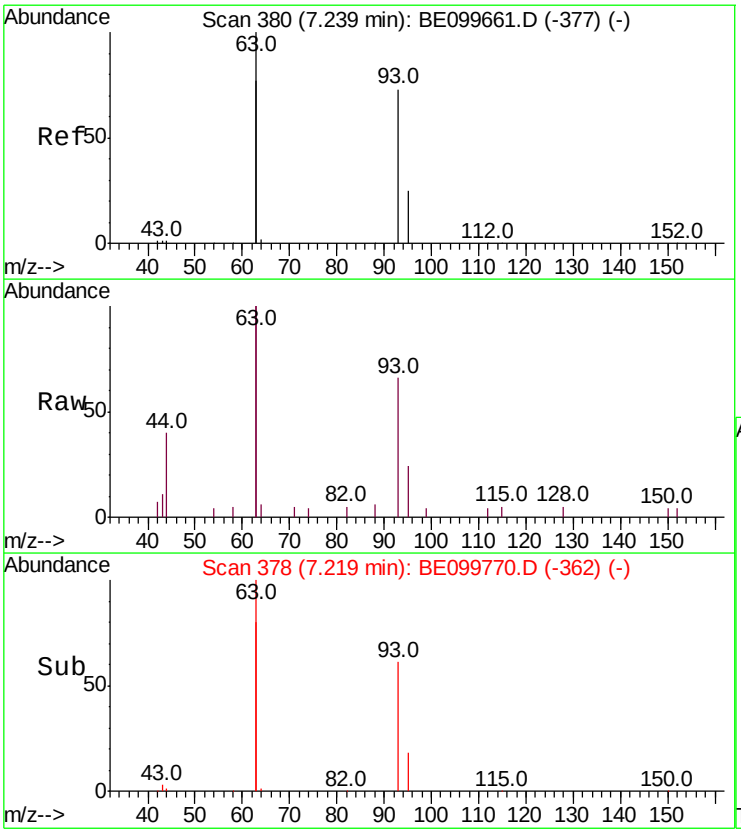
#5
Phenol-d6
Concen: 0.397 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1927

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.2	18.2
71	39.1	28.9	43.3

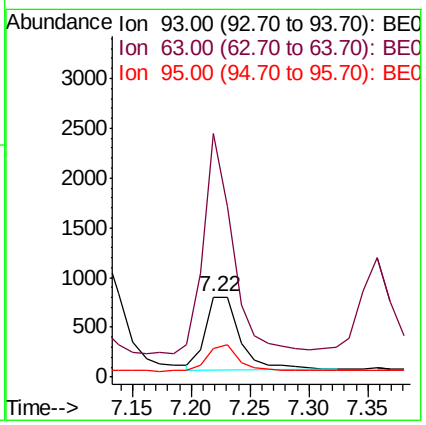


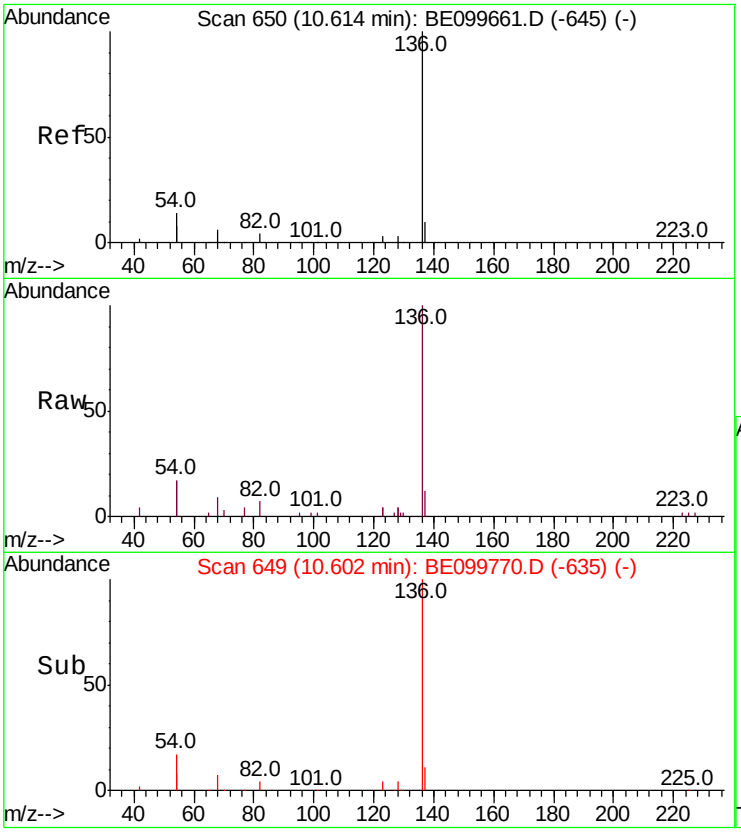


#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion: 93 Resp: 1480

Ion	Ratio	Lower	Upper
93	100		
63	257.6	207.8	311.6
95	33.4	25.9	38.9



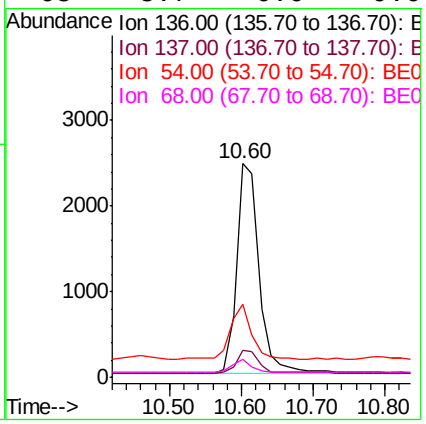


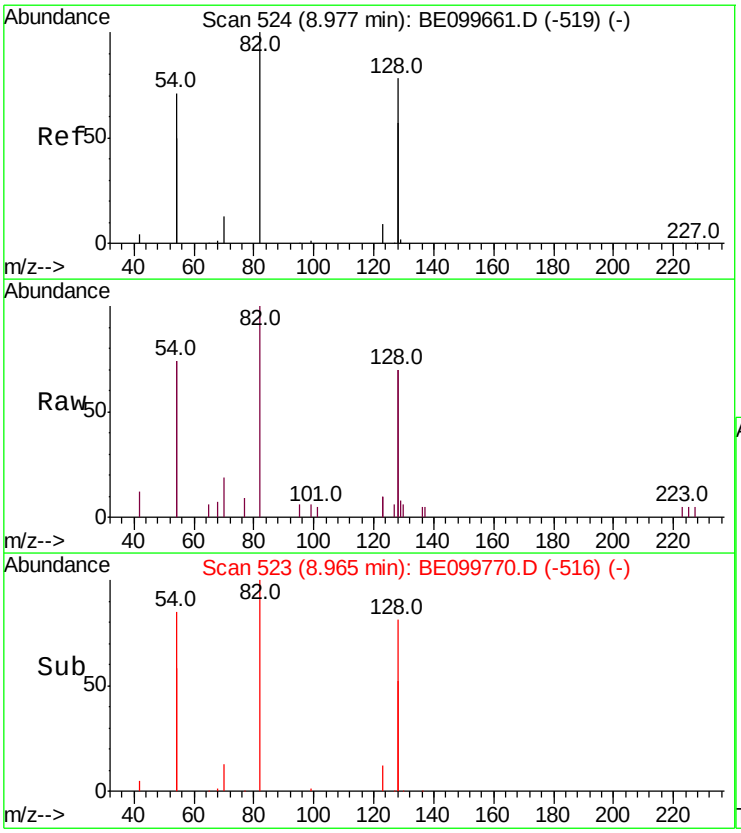
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5303

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	33.9	22.3	33.5#
68	8.7	6.0	9.0

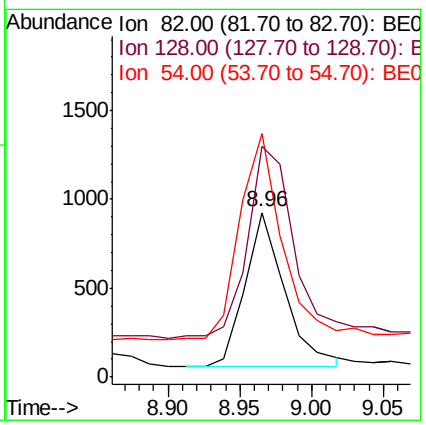


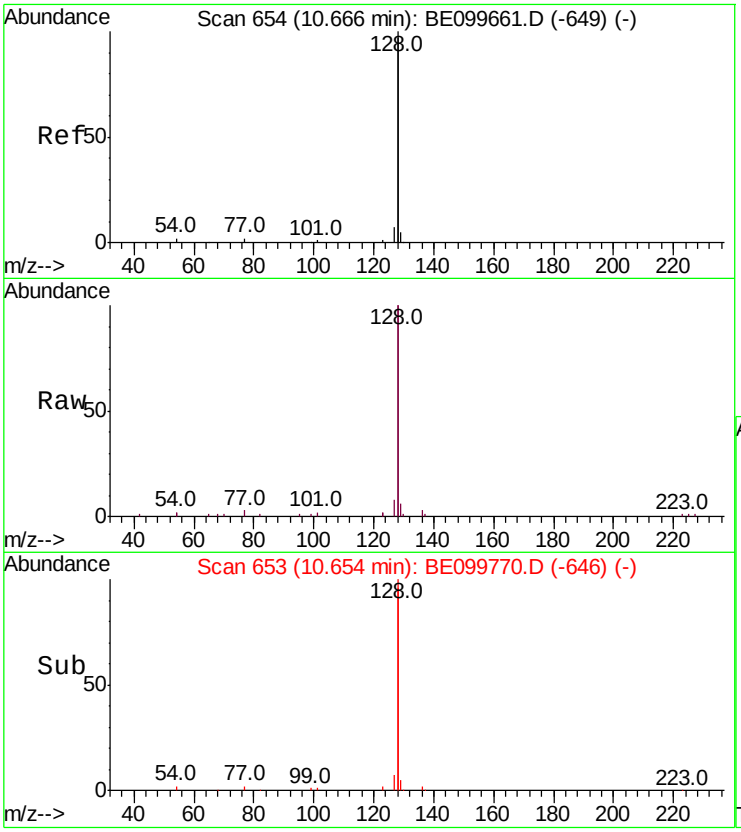


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion: 82 Resp: 1664

Ion	Ratio	Lower	Upper
82	100		
128	140.5	117.7	176.5
54	148.1	106.6	160.0



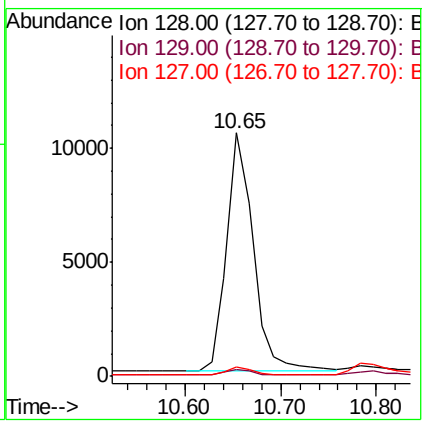


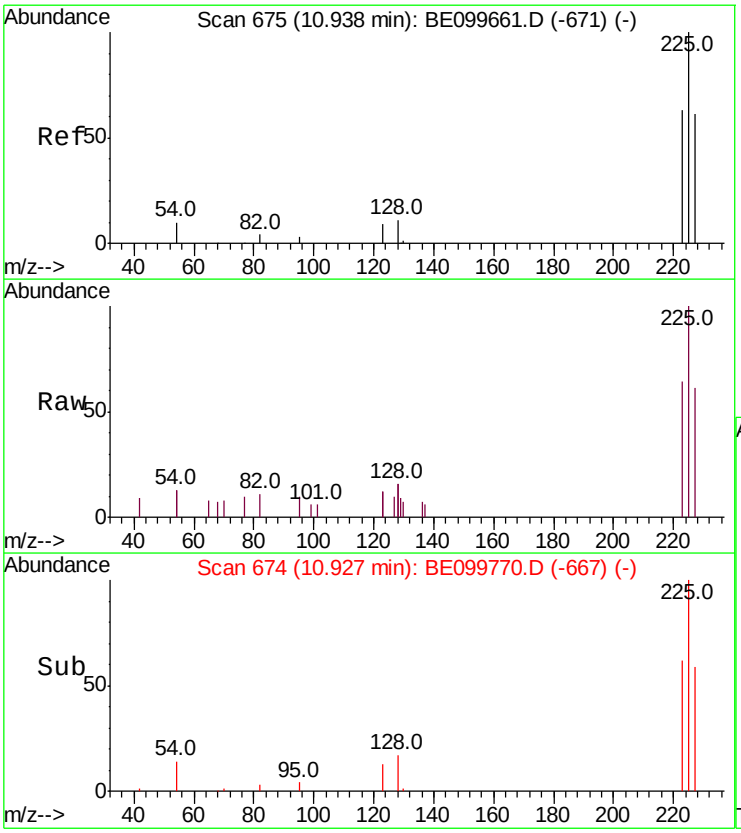
#9
Naphthalene
Concen: 0.357 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 20231

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.4	3.6
127	3.8	2.9	4.3

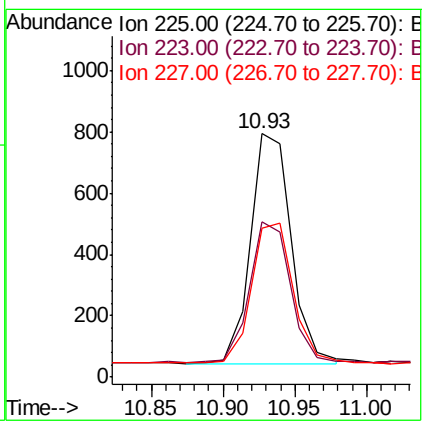


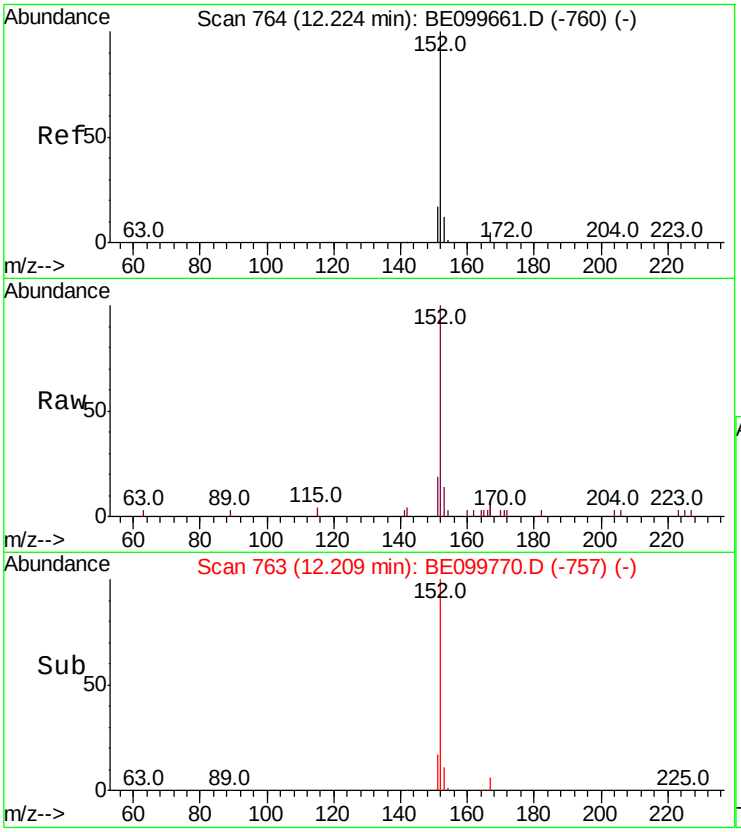


#10
Hexachlorobutadiene
Concen: 0.354 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:225 Resp: 1479

Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.8	77.6
227	62.0	52.6	79.0



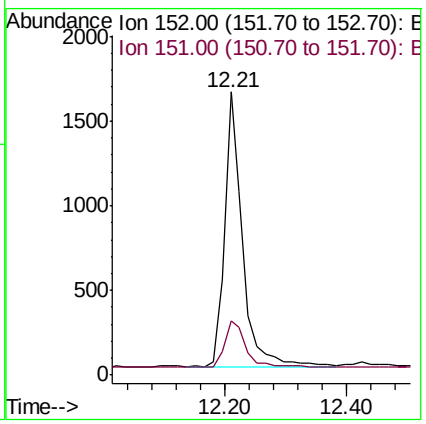


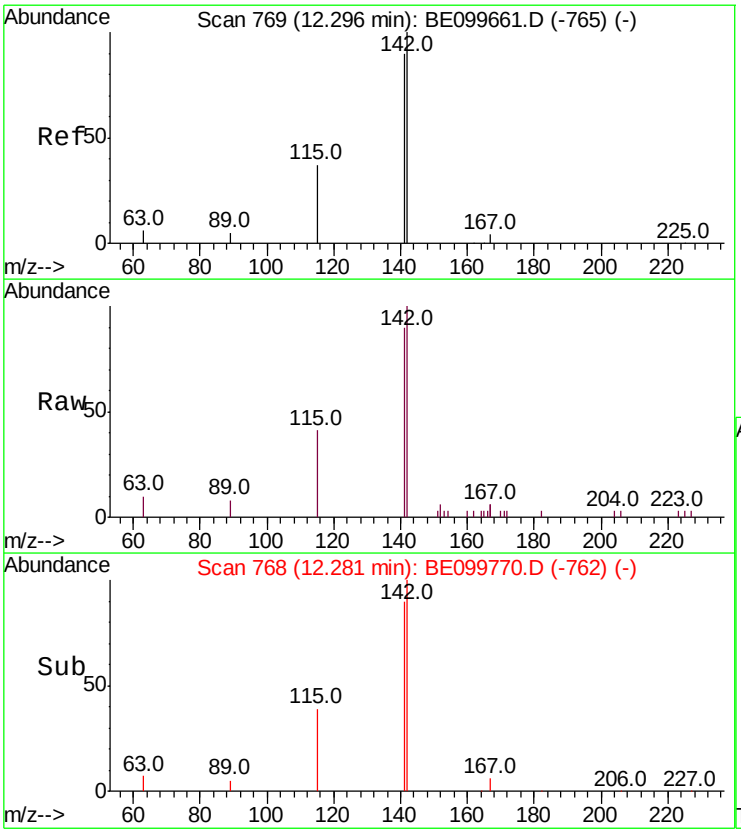
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3341

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.0	22.4

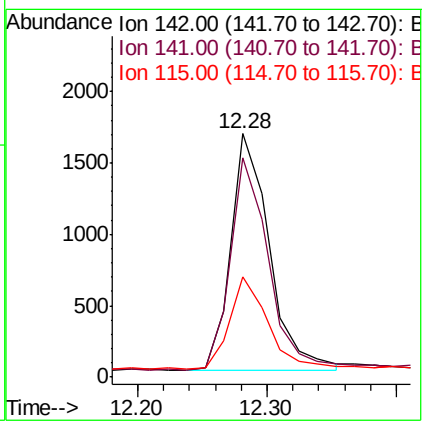


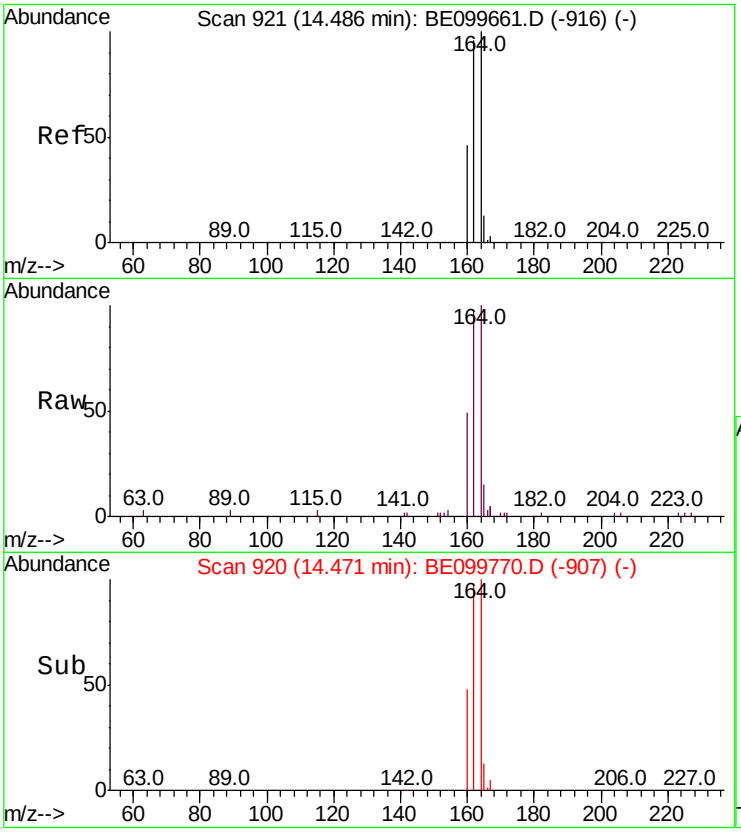


#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:142 Resp: 3399

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.0	108.0
115	41.2	31.0	46.4



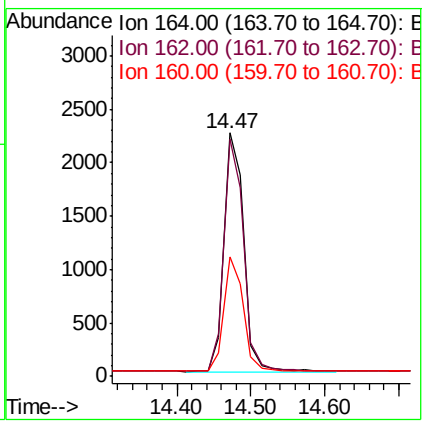


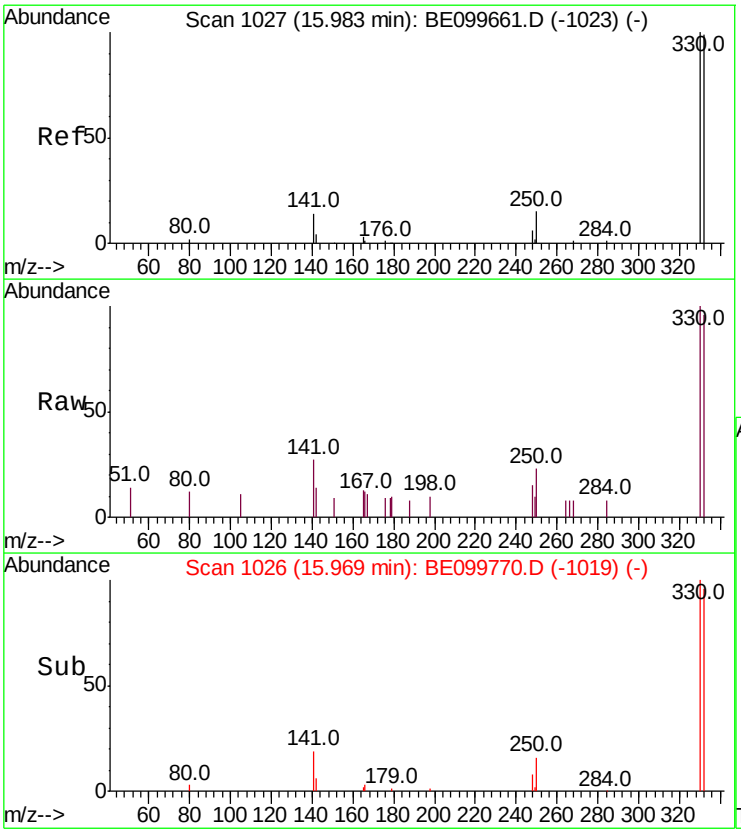
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4139

Ion	Ratio	Lower	Upper
164	100		
162	97.4	76.5	114.7
160	49.0	37.4	56.2

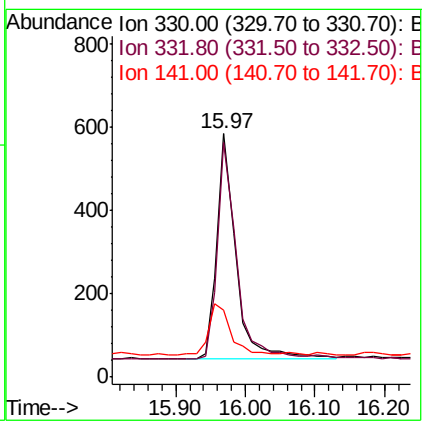


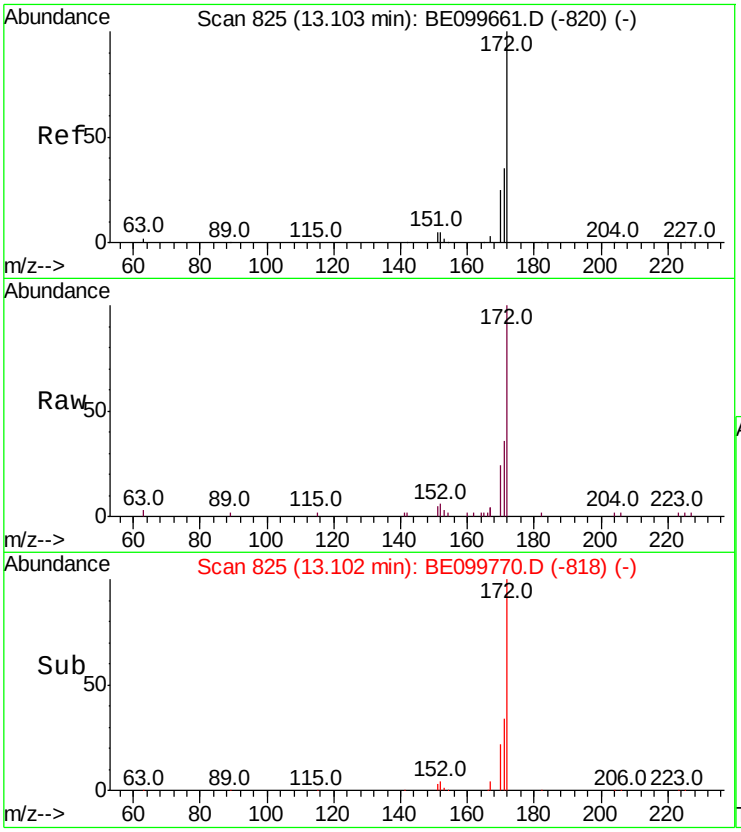


#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:330 Resp: 1026

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.3	115.9
141	25.2	18.9	28.3



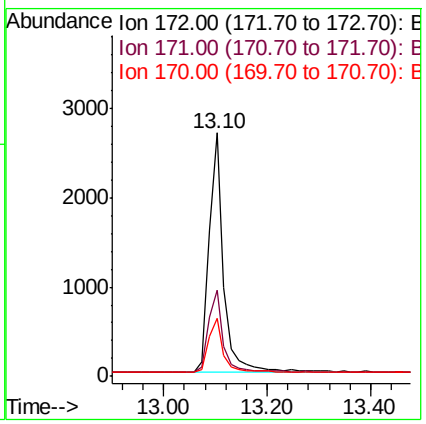


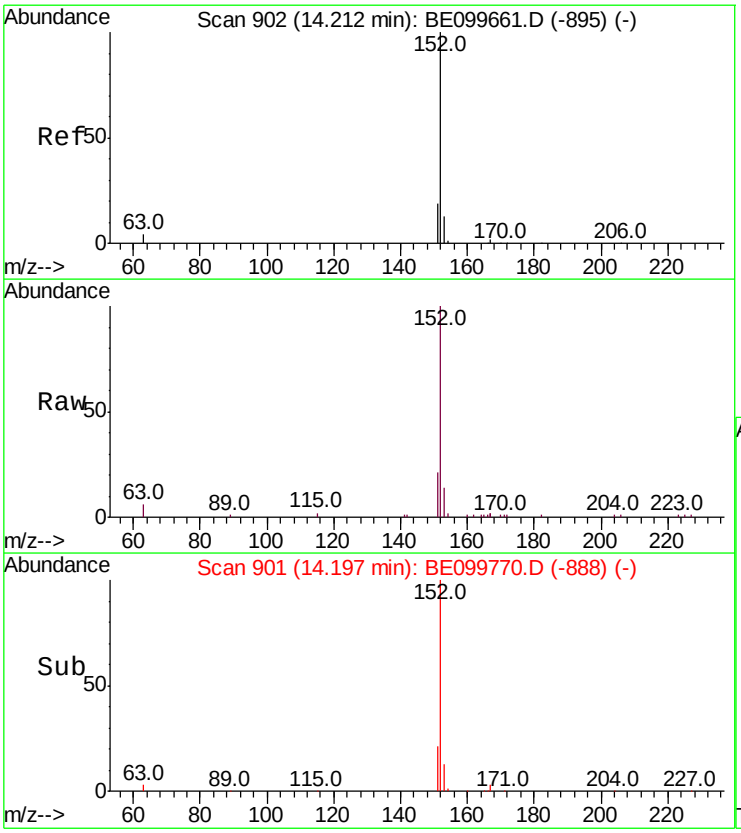
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5268

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.9	20.9	31.3

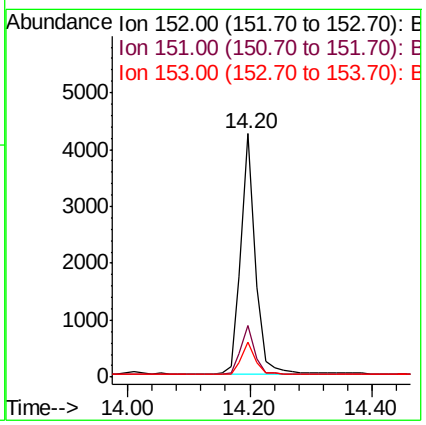


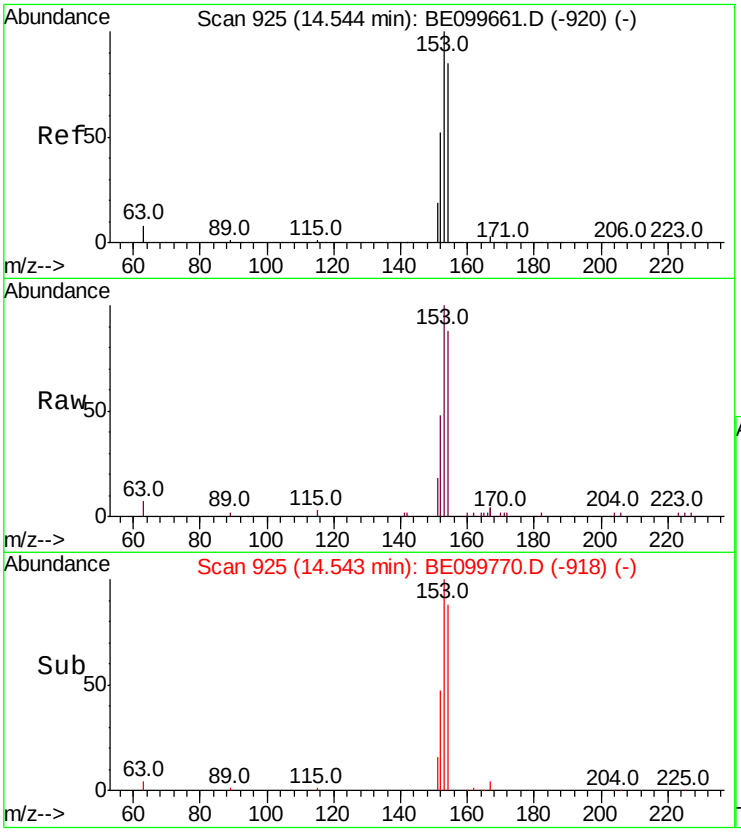


#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:152 Resp: 7065

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	16.0



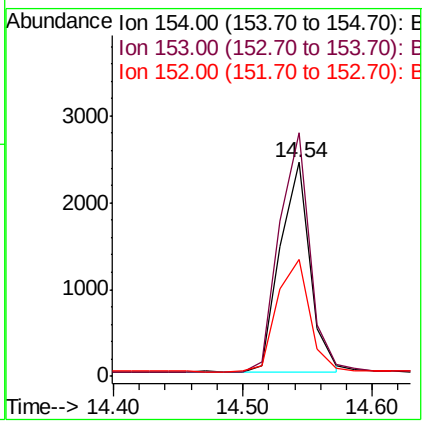


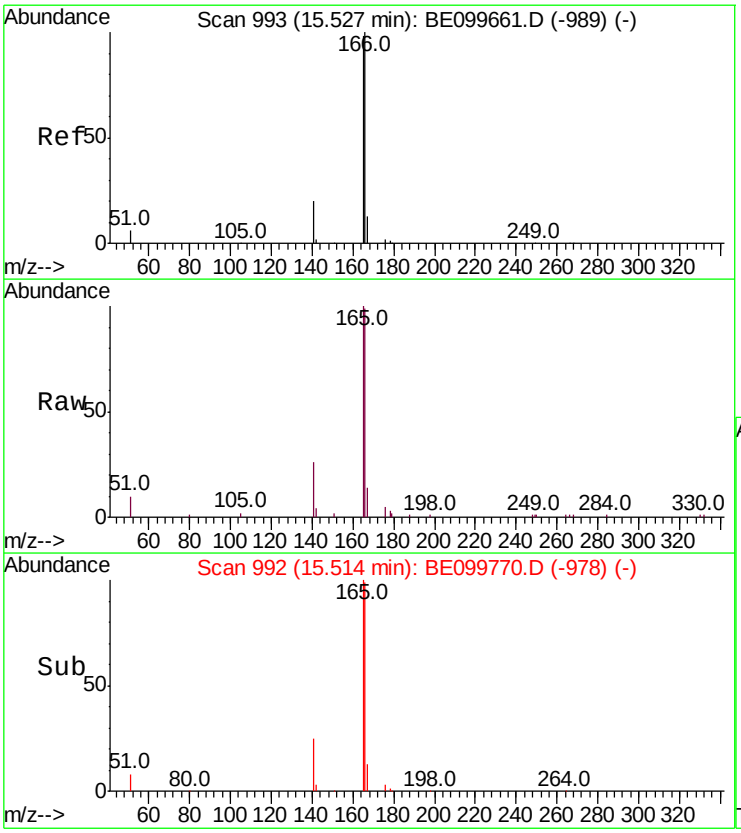
#17
Acenaphthene
Concen: 0.360 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3898

Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.8	137.6
152	57.9	46.0	69.0

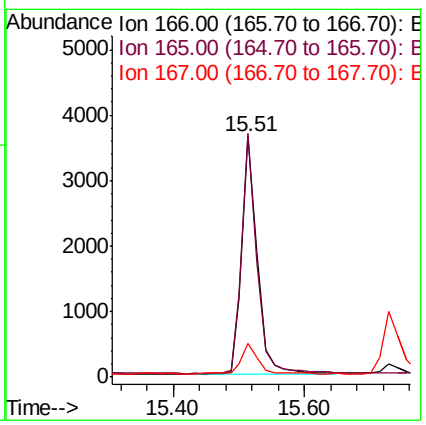


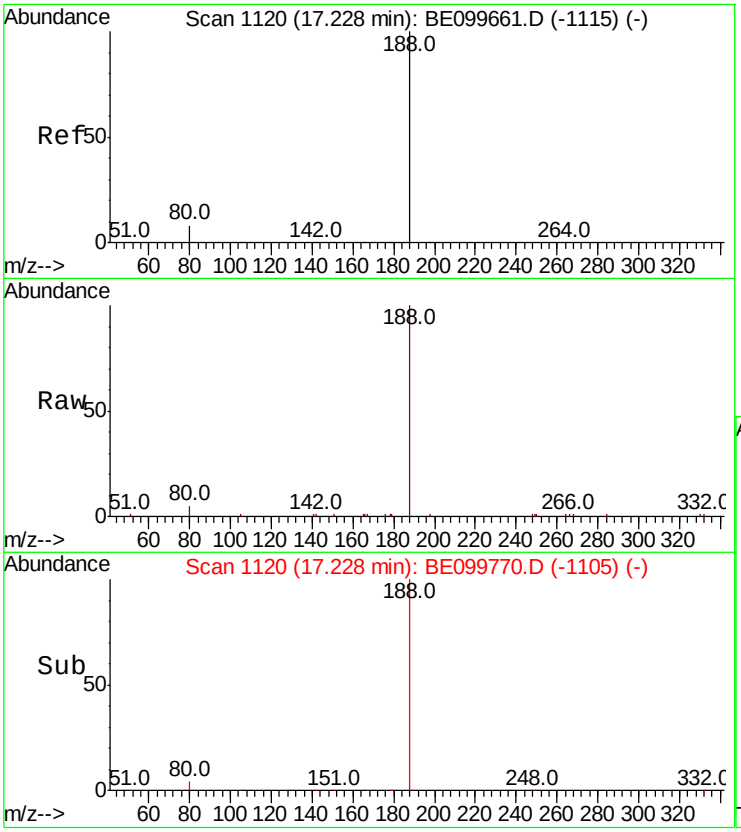


#18
Fluorene
Concen: 0.372 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:166 Resp: 5927

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.3	120.5
167	13.8	10.6	16.0



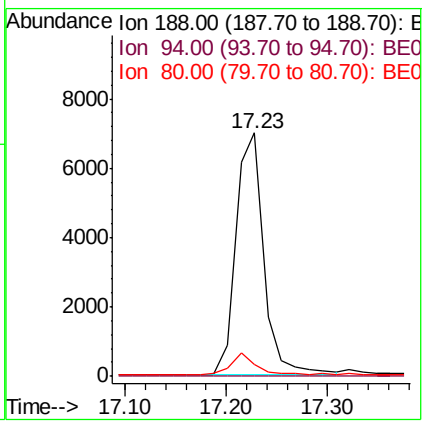


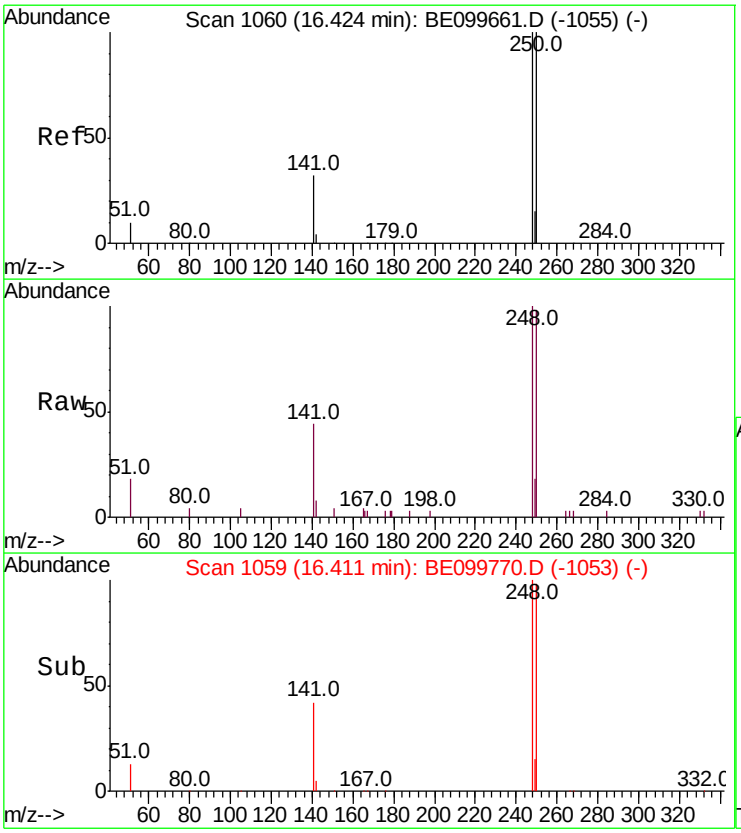
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 13334

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

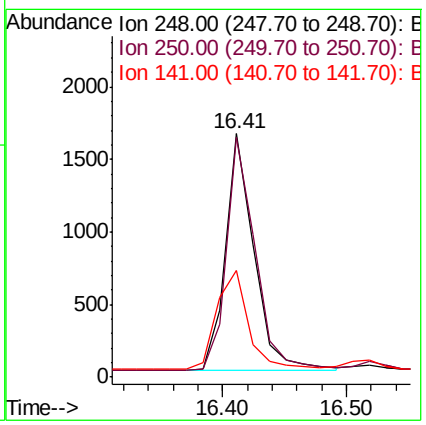


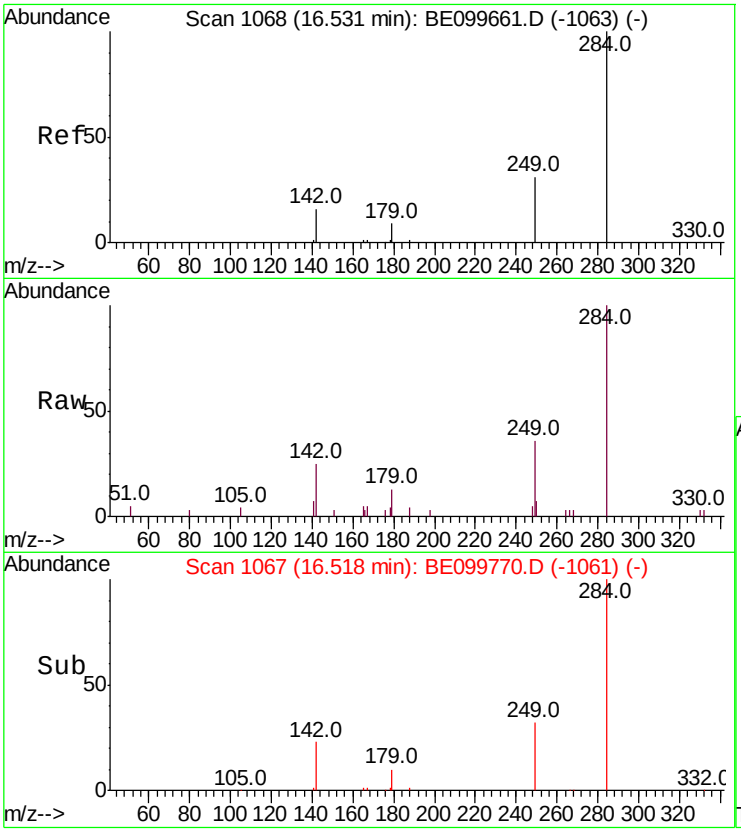


#20
4-Bromophenyl-phenylether
Concen: 0.341 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:248 Resp: 2623

Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.8	119.8
141	43.8	27.0	40.6#



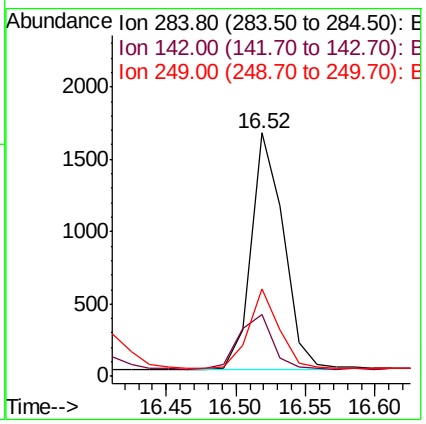


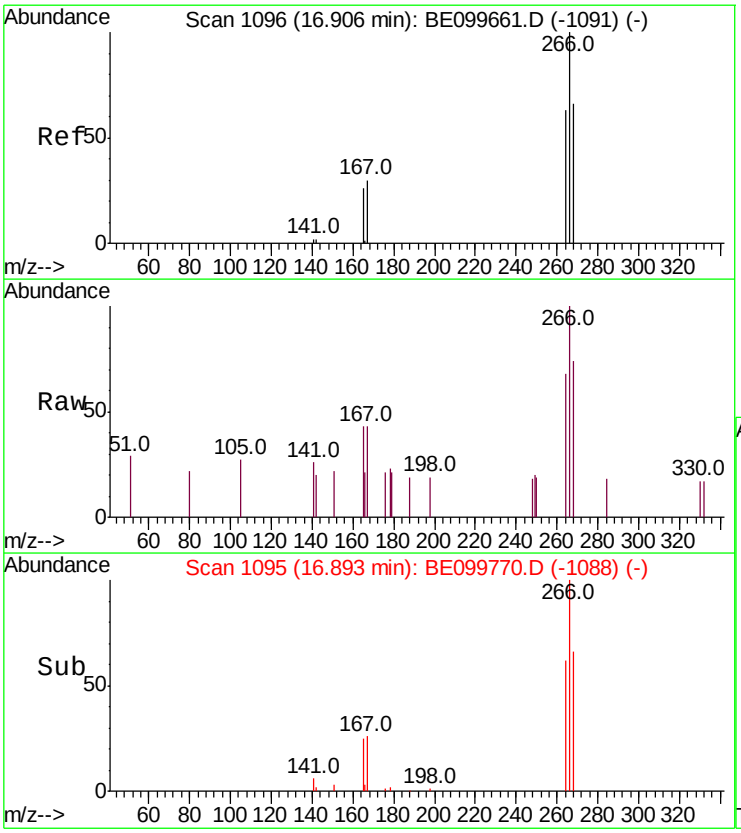
#21
Hexachlorobenzene
Concen: 0.337 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2648

Ion	Ratio	Lower	Upper
284	100		
142	24.2	17.8	26.6
249	31.2	24.8	37.2

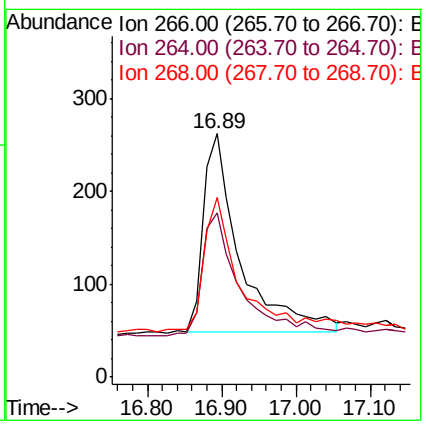


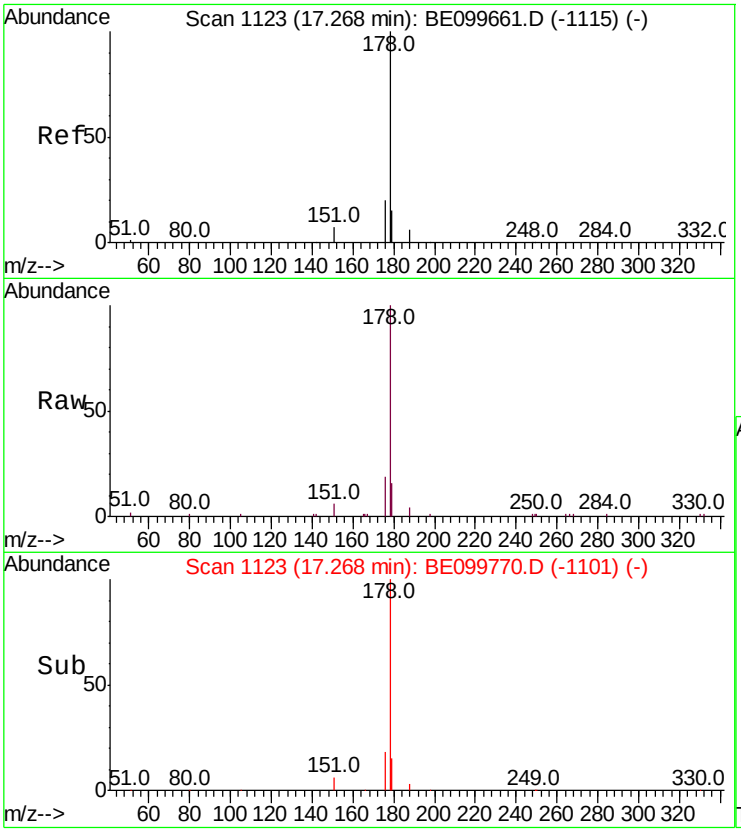


#22
Pentachlorophenol
Concen: 0.484 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:266 Resp: 743

Ion	Ratio	Lower	Upper
266	100		
264	67.6	57.2	85.8
268	74.0	60.5	90.7



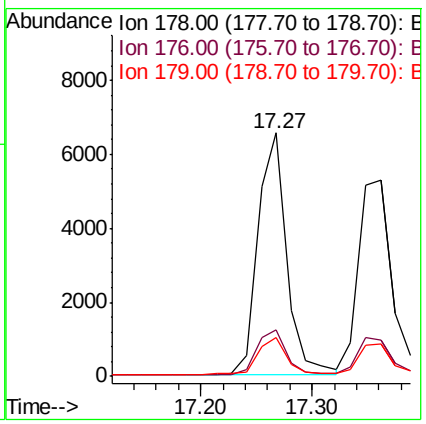


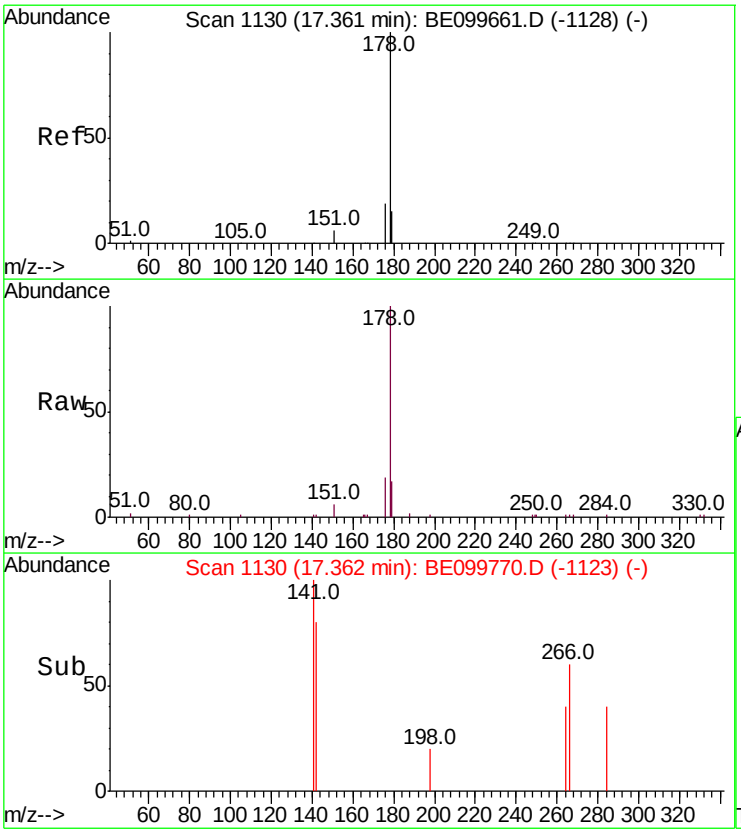
#23
Phenanthrene
Concen: 0.361 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11760

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.1	12.2	18.4

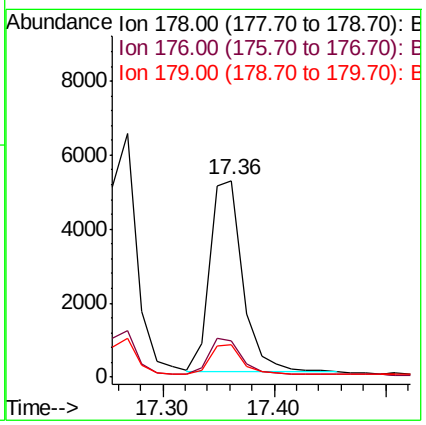


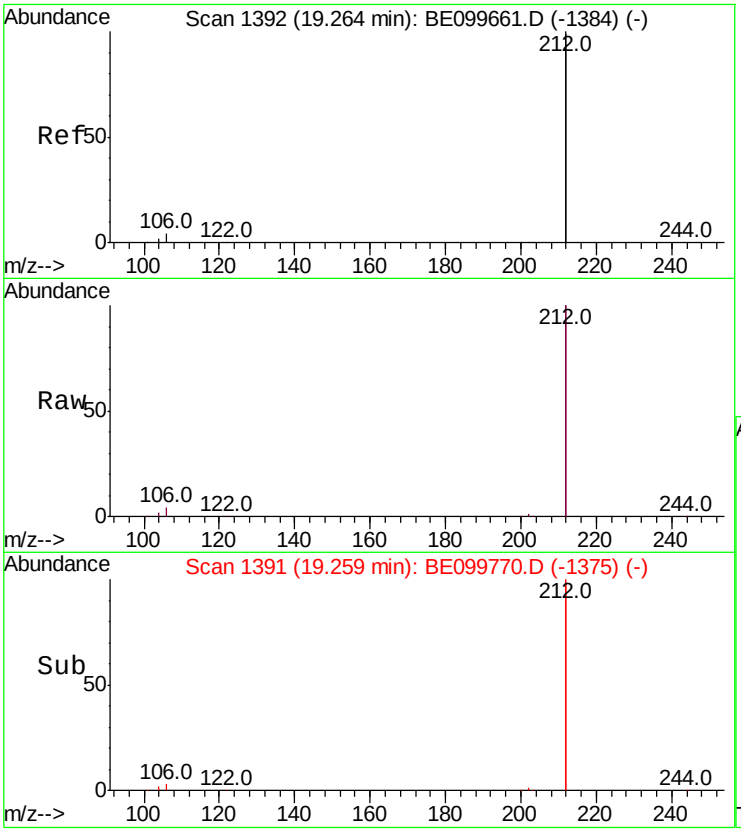


#24
Anthracene
Concen: 0.361 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:178 Resp: 10659

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.1	12.0	18.0



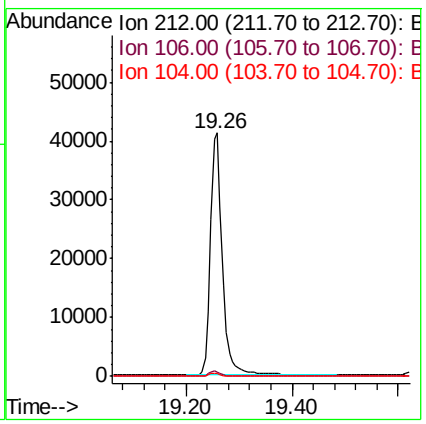


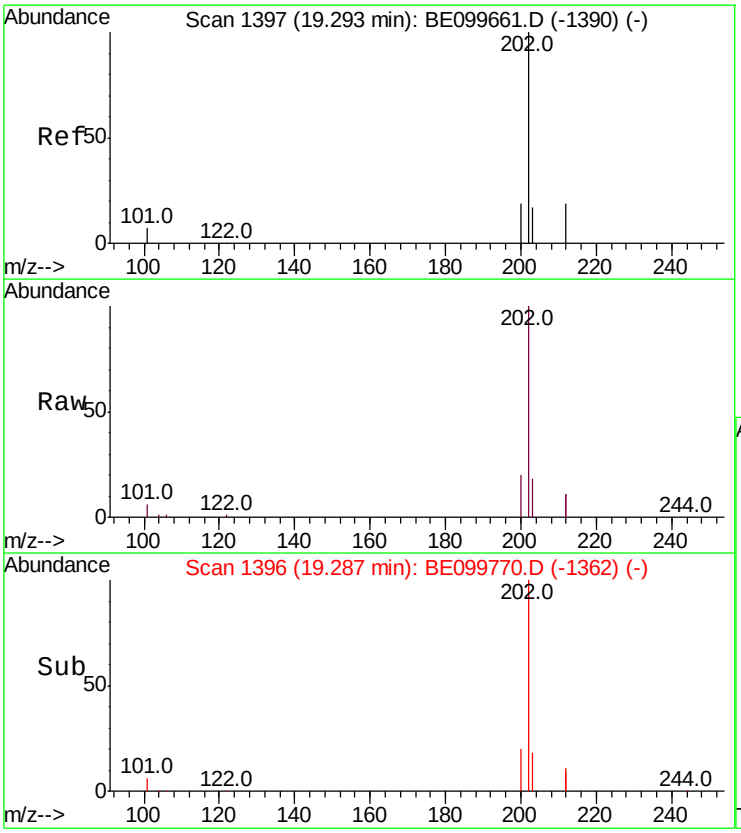
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 65291

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2

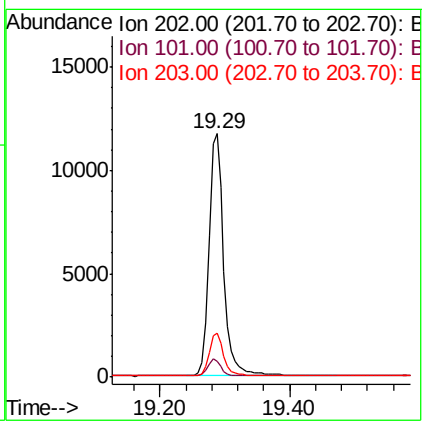


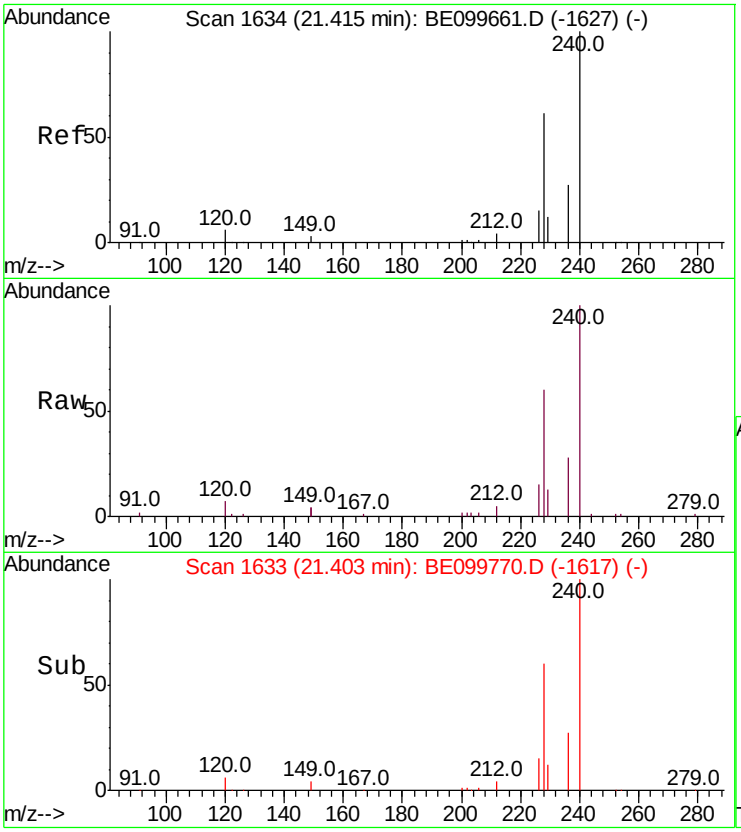


#26
Fluoranthene
Concen: 0.360 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:202 Resp: 18541

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
203	17.4	13.8	20.6



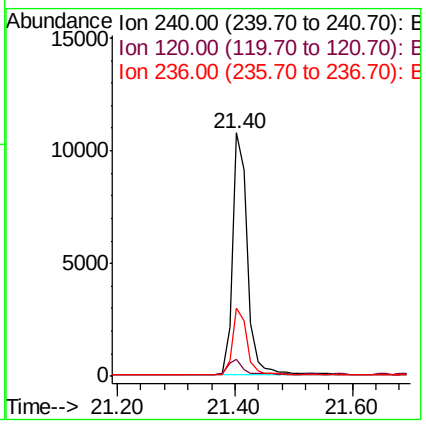


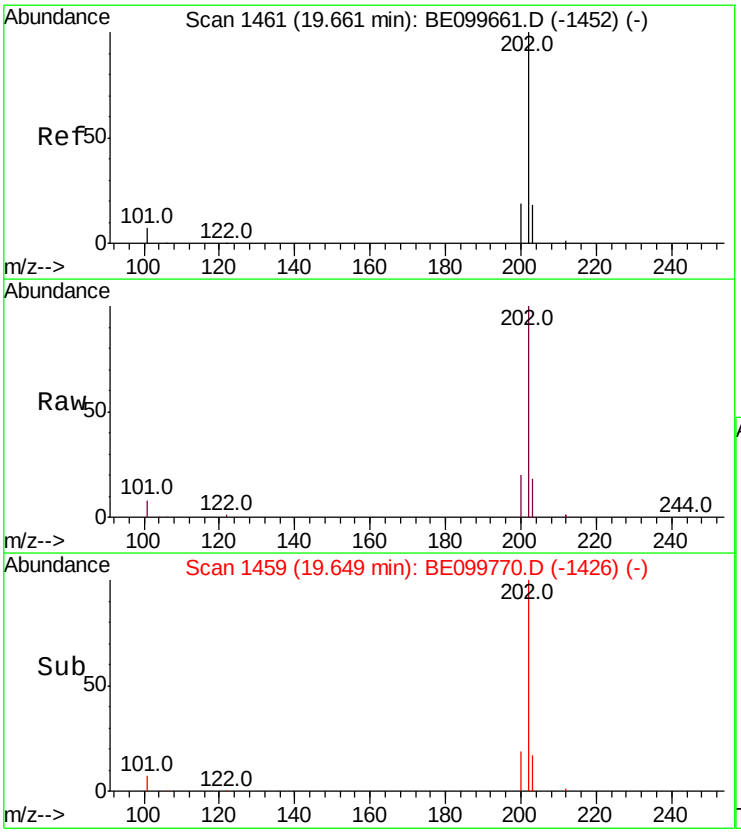
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 18926

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.4	8.0
236	27.9	21.7	32.5

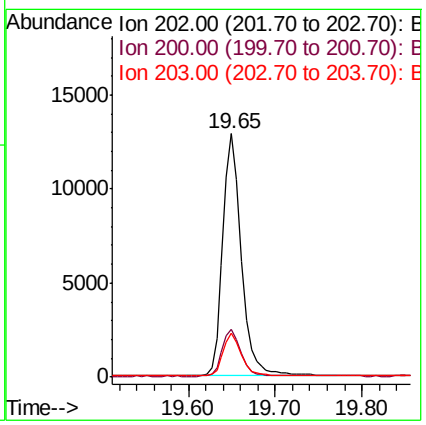


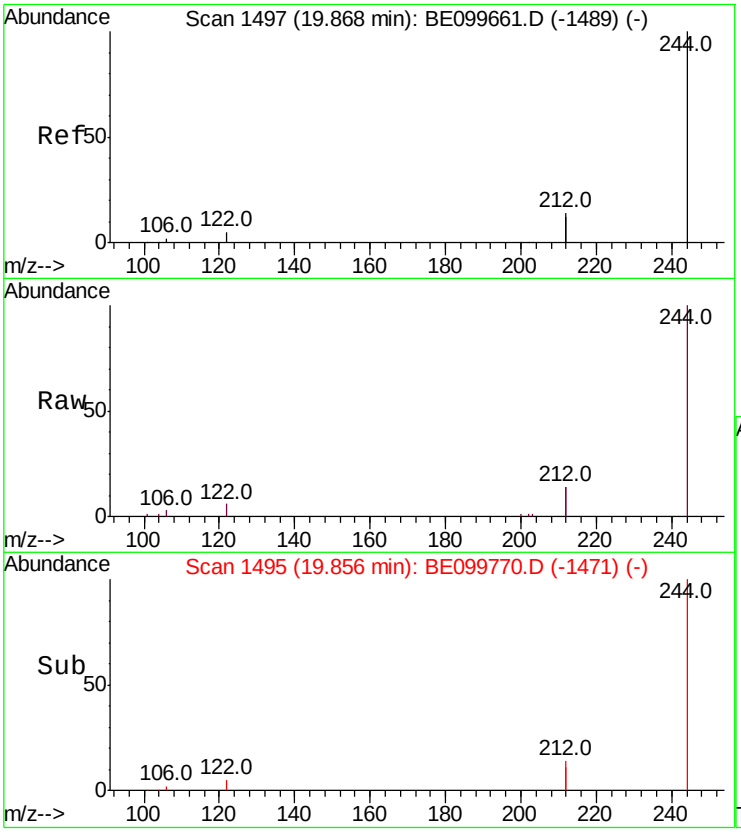


#28
Pyrene
Concen: 0.404 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:202 Resp: 19230

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.4	23.2
203	17.3	13.8	20.8



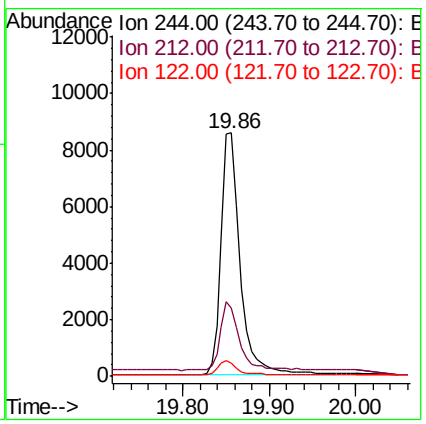


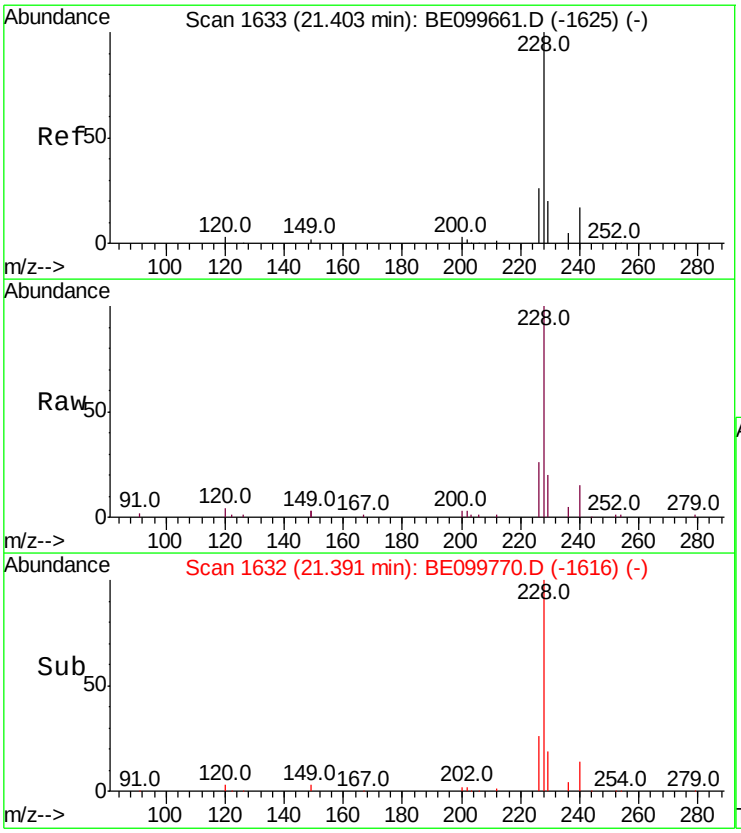
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13220

Ion	Ratio	Lower	Upper
244	100		
212	28.2	22.5	33.7
122	5.7	4.3	6.5

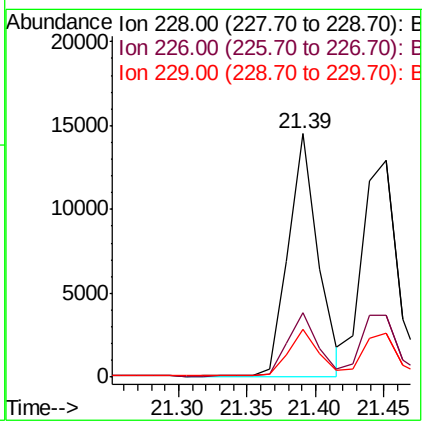


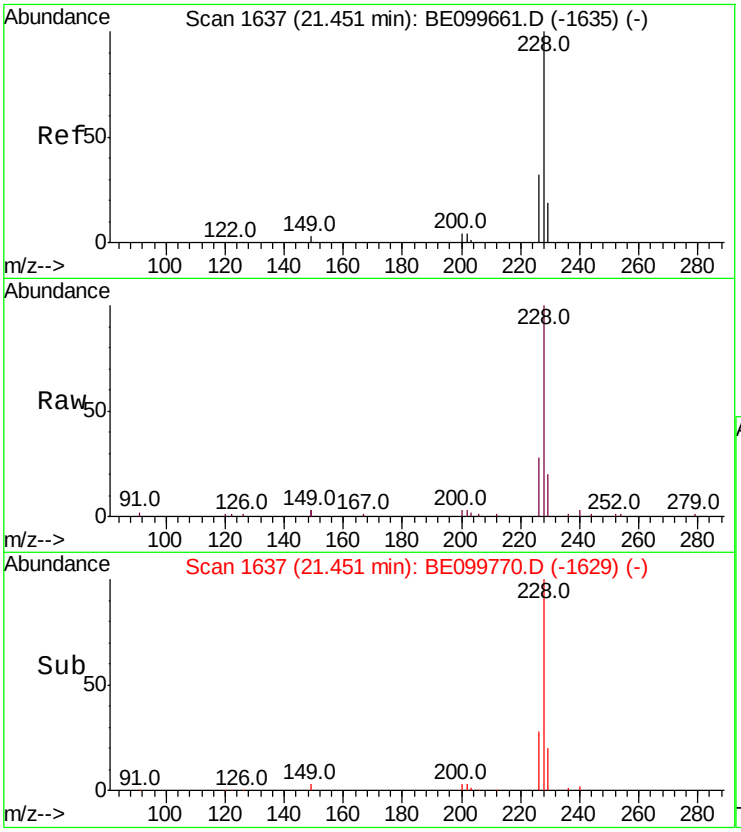


#30
Benzo(a)anthracene
Concen: 0.403 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:228 Resp: 21672

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.5	16.1	24.1



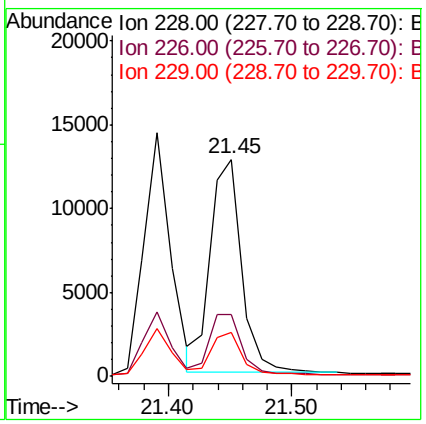


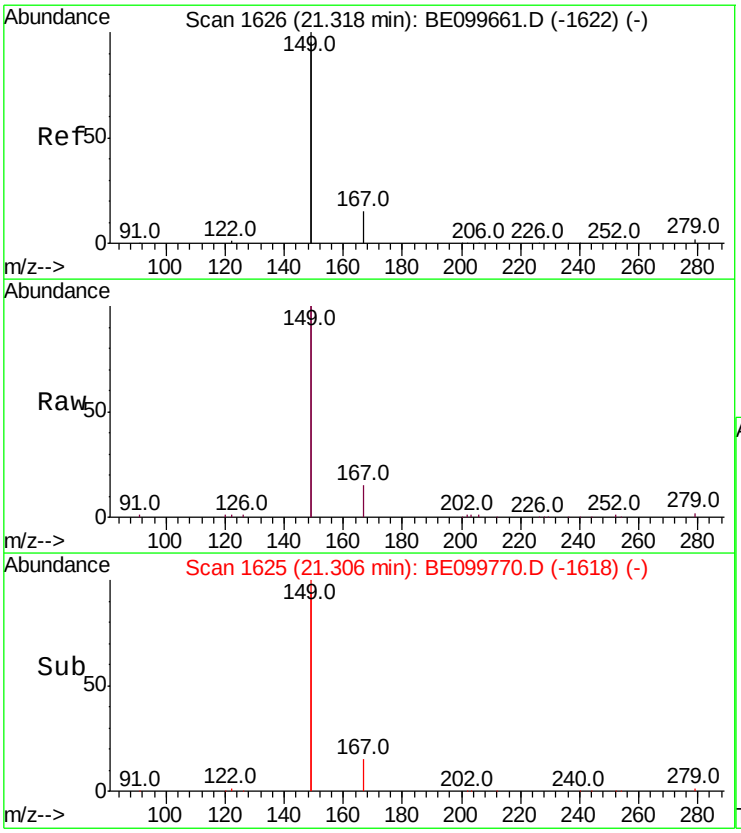
#31
Chrysene
Concen: 0.393 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 22589

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.7	37.1
229	20.3	15.8	23.6

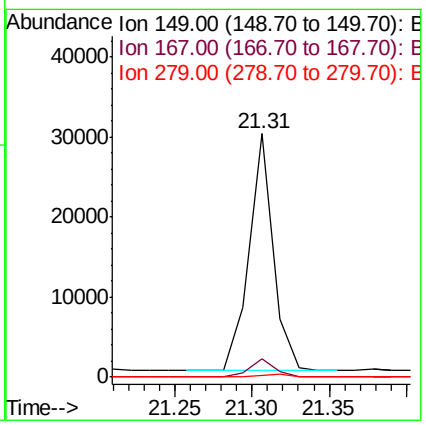


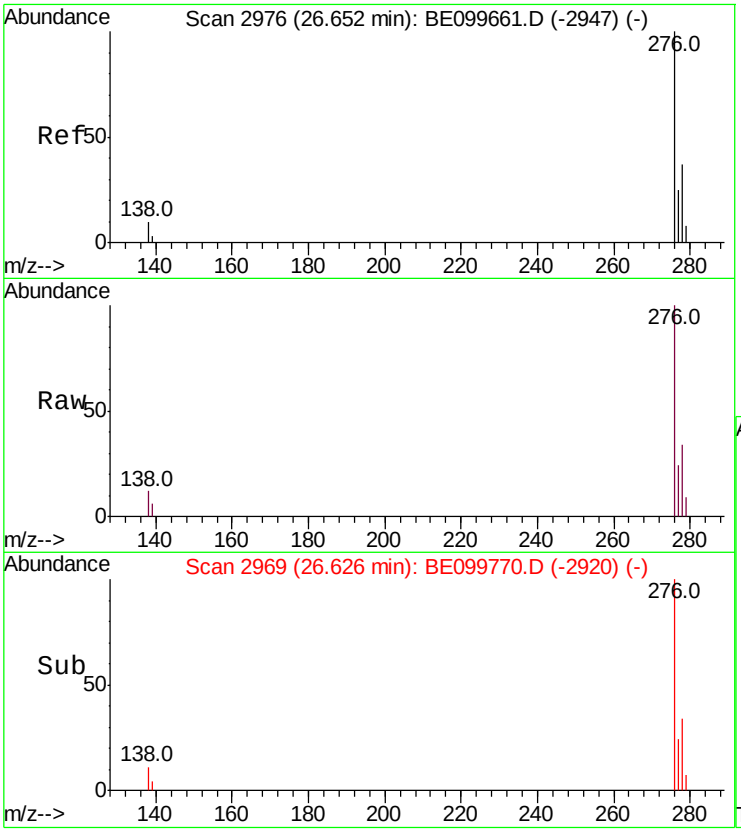


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.522 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:149 Resp: 32349

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.2	9.4
279	1.5	1.2	1.8



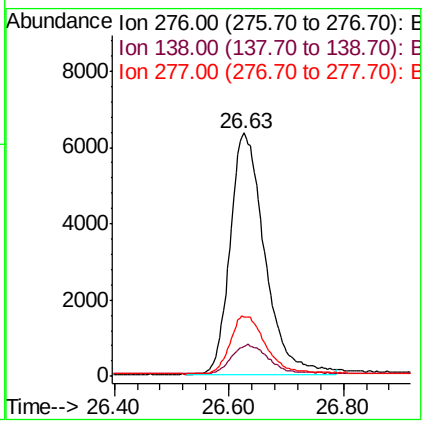


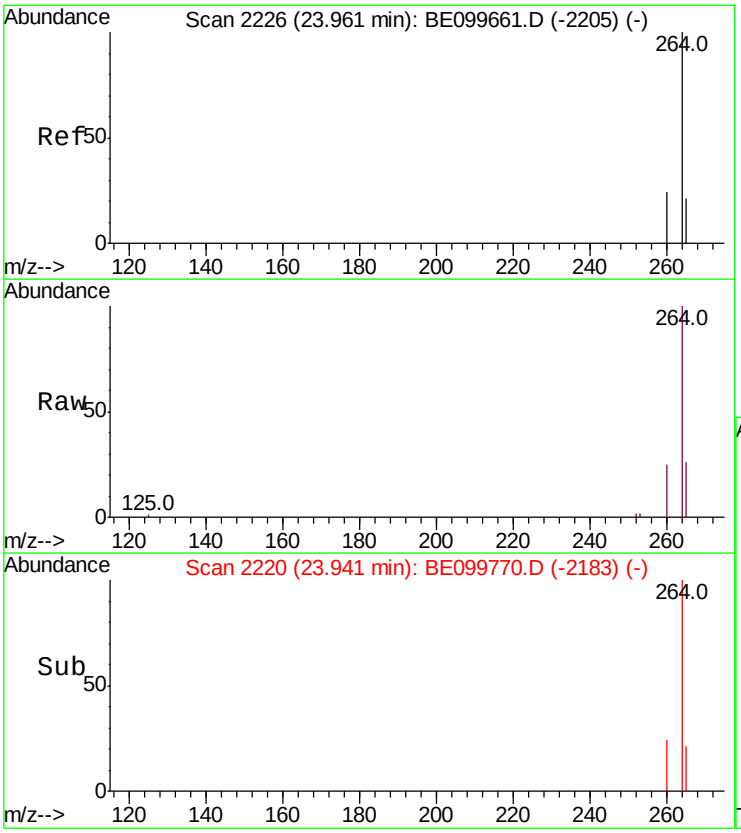
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.03 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 26429

Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.6	14.4
277	24.7	19.2	28.8

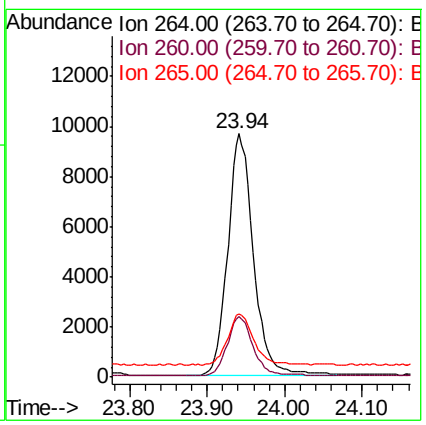


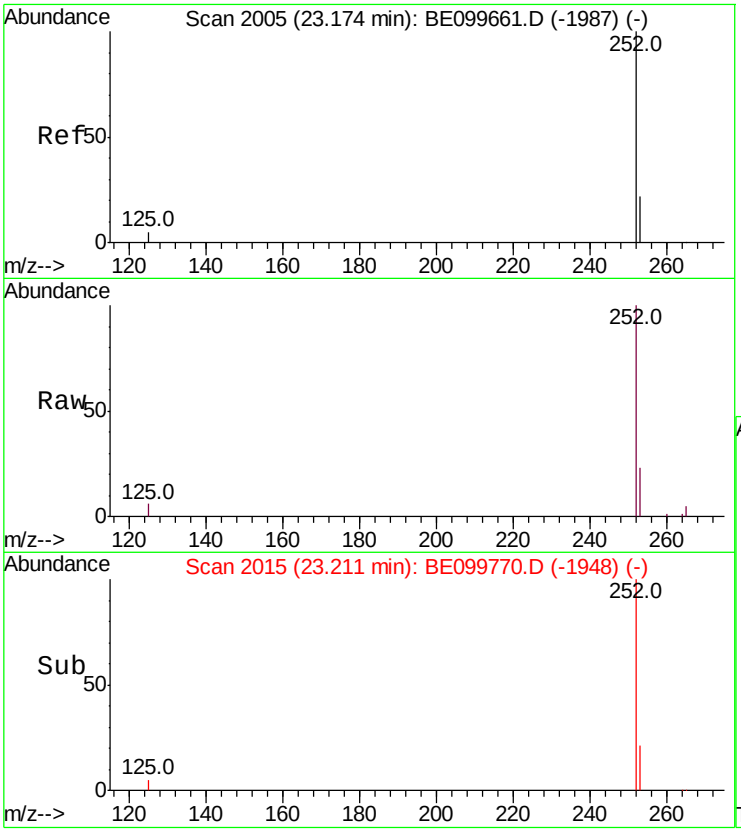


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:264 Resp: 22107

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	26.0	19.1	28.7



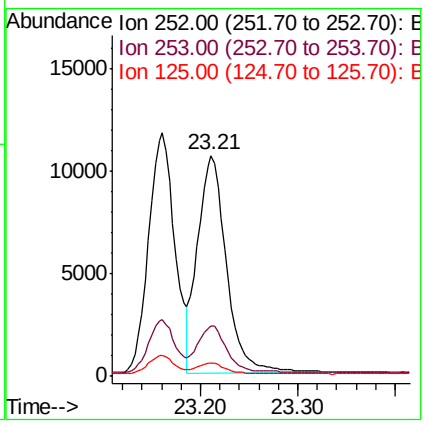


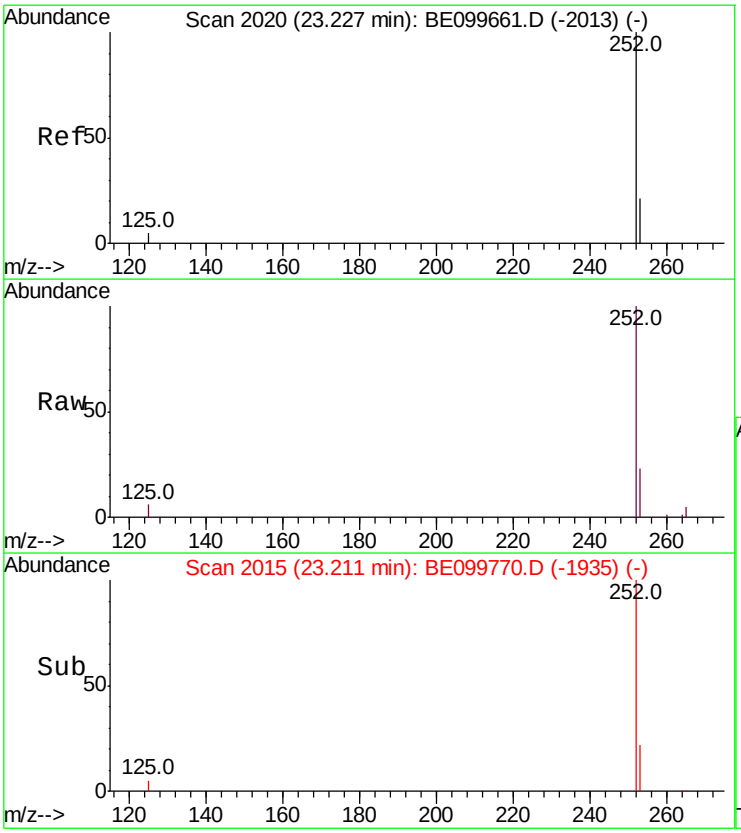
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.04 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21895

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	5.8	4.5	6.7

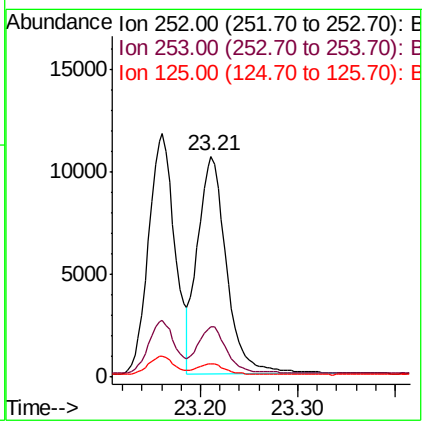


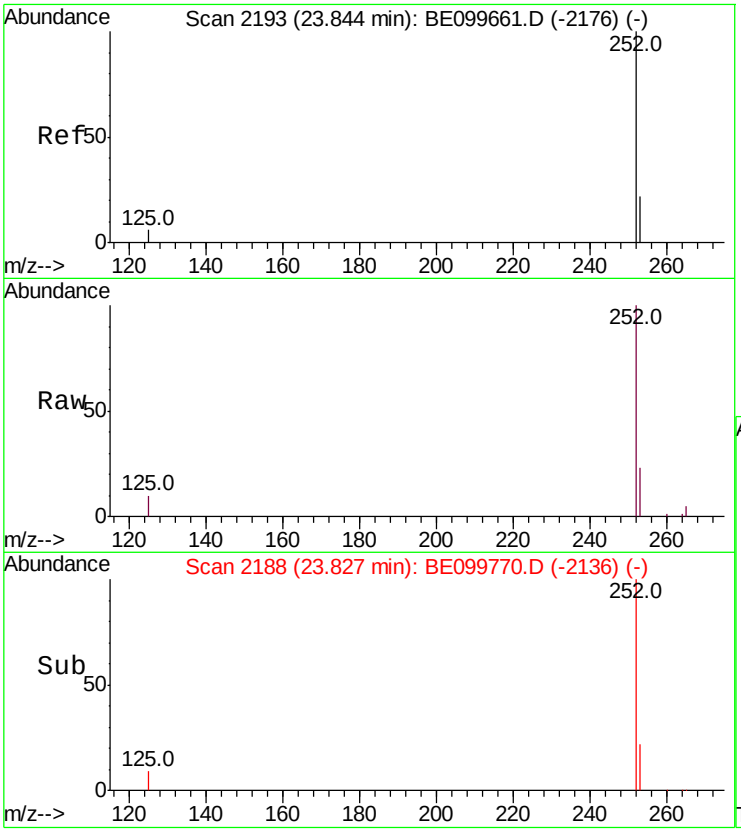


#36
Benzo(k)fluoranthene
Concen: 0.347 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:252 Resp: 21895

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	5.8	4.6	6.8



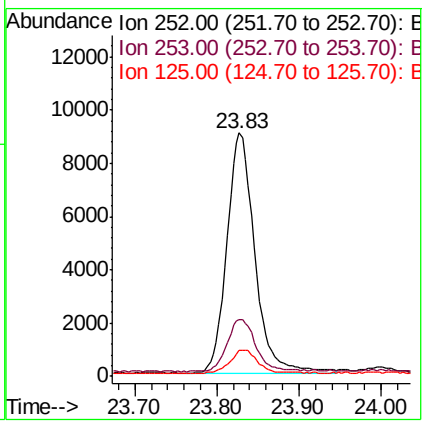


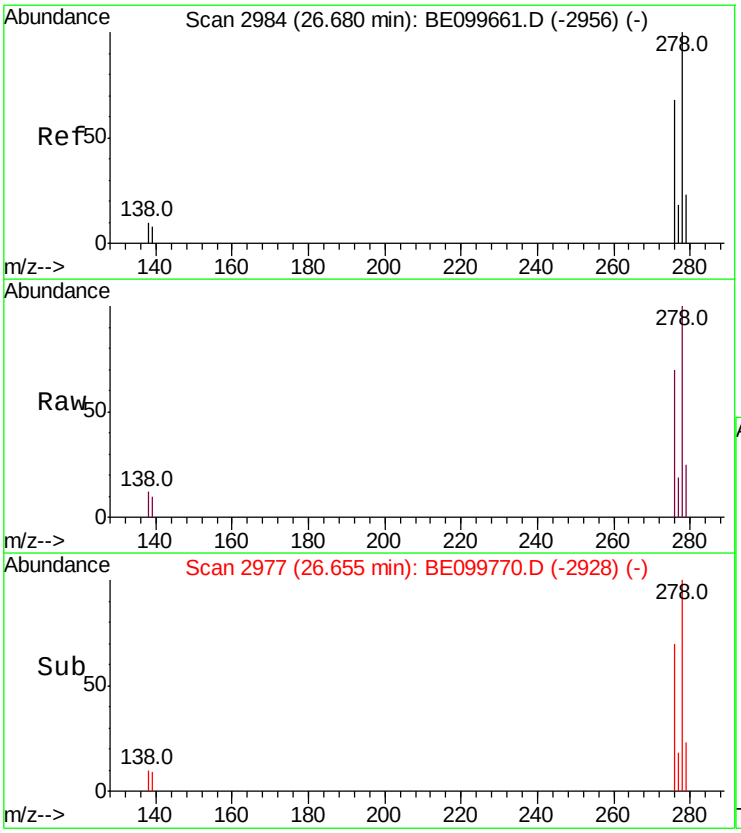
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21271

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	10.5	5.4	8.0#

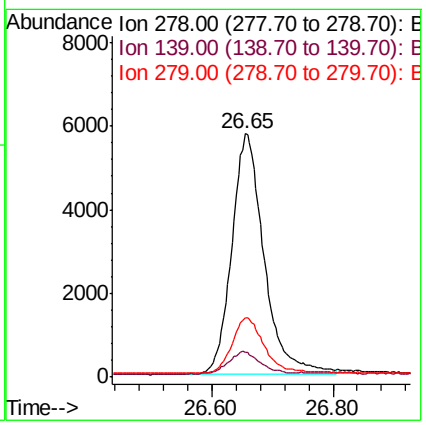


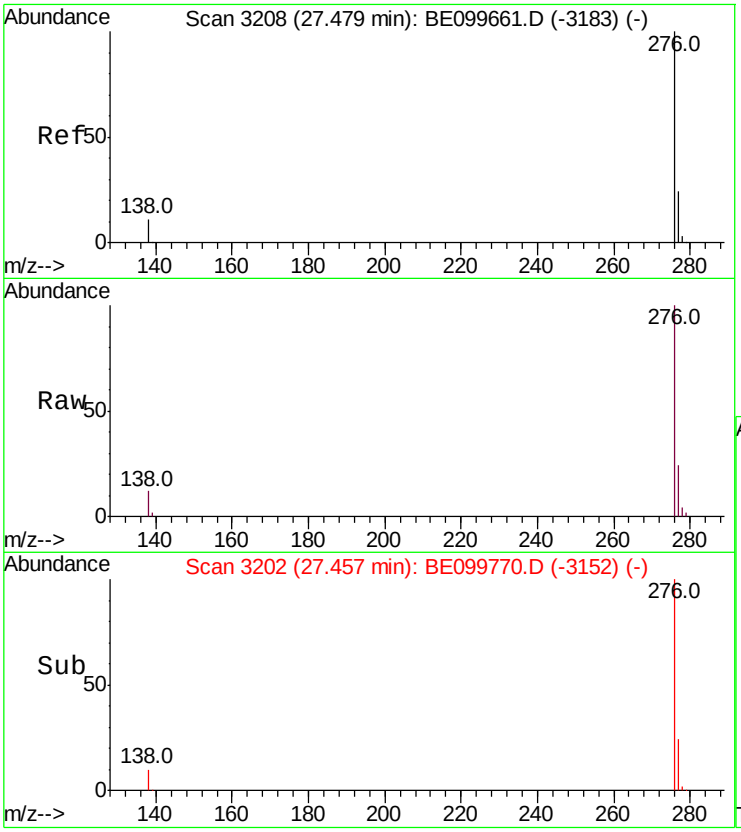


#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 26.65 min Scan# 2977
Delta R.T. -0.03 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion:278 Resp: 21377

Ion	Ratio	Lower	Upper
278	100		
139	10.2	6.9	10.3
279	24.5	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 27.46 min Scan# 3202
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21967

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.6
138	11.6	9.2	13.8