Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099765.D
Acq On : 28 May 2019 20:07
Operator : JU/SJ
Sample : K3037-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 29 04:10:59 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	1203	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	4288	0.40	ng		-0.01
13) Acenaphthene-d10	14.47	164	3383	0.40	ng		-0.02
19) Phenanthrene-d10	17.21	188	10416	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	15516	0.40	ng		-0.01
34) Perylene-d12	23.94	264	18509	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	513	0.17	ng		0.00
5) Phenol-d6	6.96	99	445	0.11	ng		-0.01
8) Nitrobenzene-d5	8.96	82	1525	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	4410	0.60	ng		-0.02
14) 2,4,6-Tribromophenol	15.97	330	938	0.49	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	5318	0.41	ng		-0.02
25) Fluoranthene-d10	19.25	212	56503	0.40	ng		-0.01
29) Terphenyl-d14	19.85	244	21191	0.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	364	0.204	ng	#	1
3) n-Nitrosodimethylamine	3.61	42	171	0.174	ng	#	93
6) bis(2-Chloroethyl)ether	7.22	93	1338	0.374	ng		95
9) Naphthalene	10.65	128	17034	0.371	ng		99
10) Hexachlorobutadiene	10.93	225	1080	0.320	ng		97
12) 2-Methylnaphthalene	12.28	142	3126	0.418	ng		95
16) Acenaphthylene	14.20	152	5987	0.380	ng		99
17) Acenaphthene	14.54	154	3341	0.378	ng		96
18) Fluorene	15.51	166	5578	0.428	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	2485	0.414	ng		97
21) Hexachlorobenzene	16.52	284	2309	0.376	ng		97
22) Pentachlorophenol	16.87	266	2456	1.329	ng		91
23) Phenanthrene	17.25	178	11238	0.442	ng		98
24) Anthracene	17.35	178	10783	0.467	ng		97
26) Fluoranthene	19.28	202	19372	0.481	ng		98
28) Pyrene	19.65	202	20205	0.518	ng		98
30) Benzo(a)anthracene	21.39	228	22884	0.519	ng		98
31) Chrysene	21.44	228	21984	0.466	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	60726	1.195	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	23799	0.418	ng		99
35) Benzo(b)fluoranthene	23.16	252	21609	0.426	ng	#	90
36) Benzo(k)fluoranthene	23.21	252	20881	0.395	ng	#	93
37) Benzo(a)pyrene	23.83	252	20453	0.419	ng	#	96
38) Dibenzo(a,h)anthracene	26.65	278	19228	0.375	ng	#	95
39) Benzo(g,h,i)perylene	27.45	276	20598	0.398	ng		99

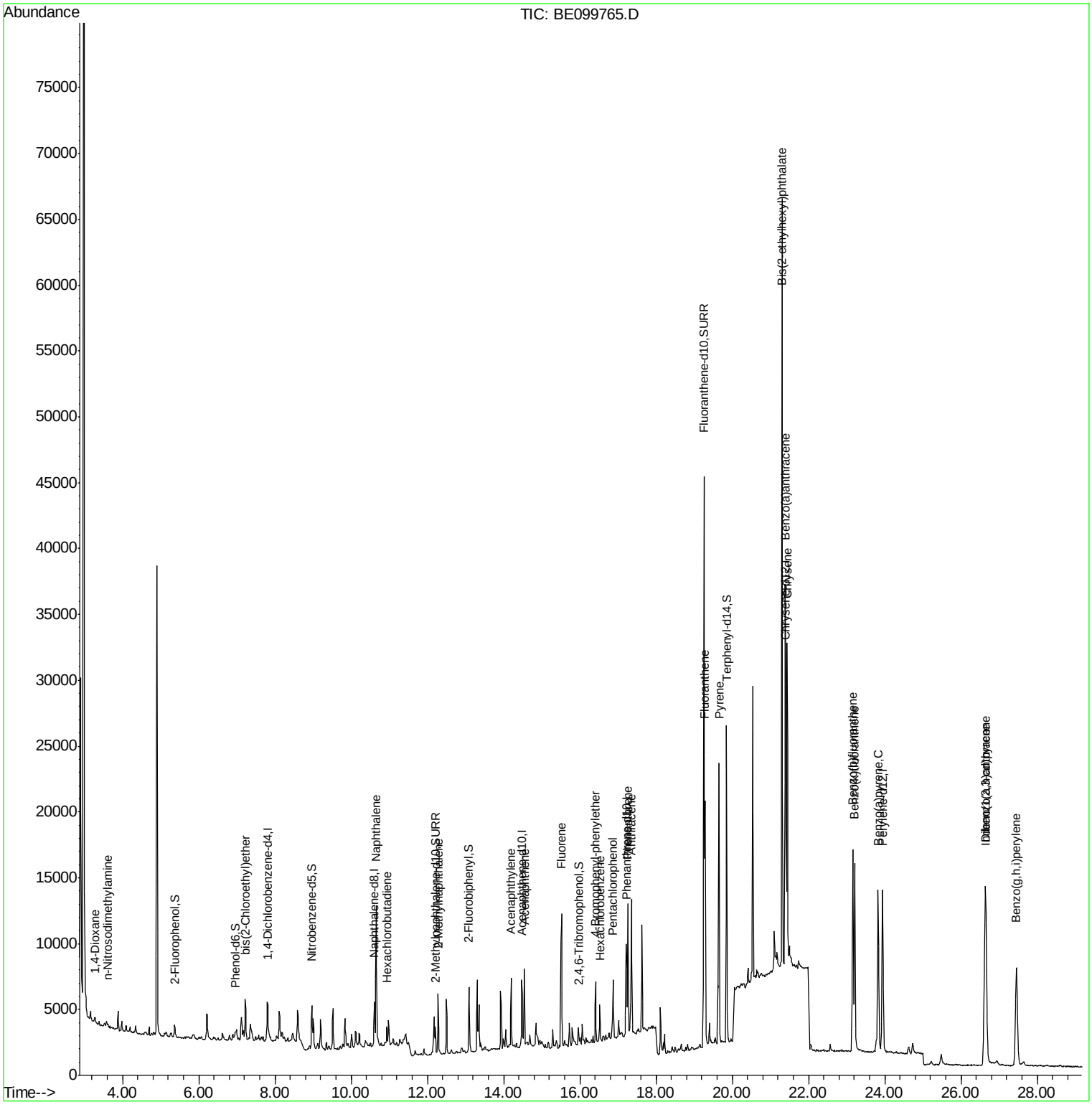
(#) = qualifier out of range (m) = manual integration (+) = signals summed

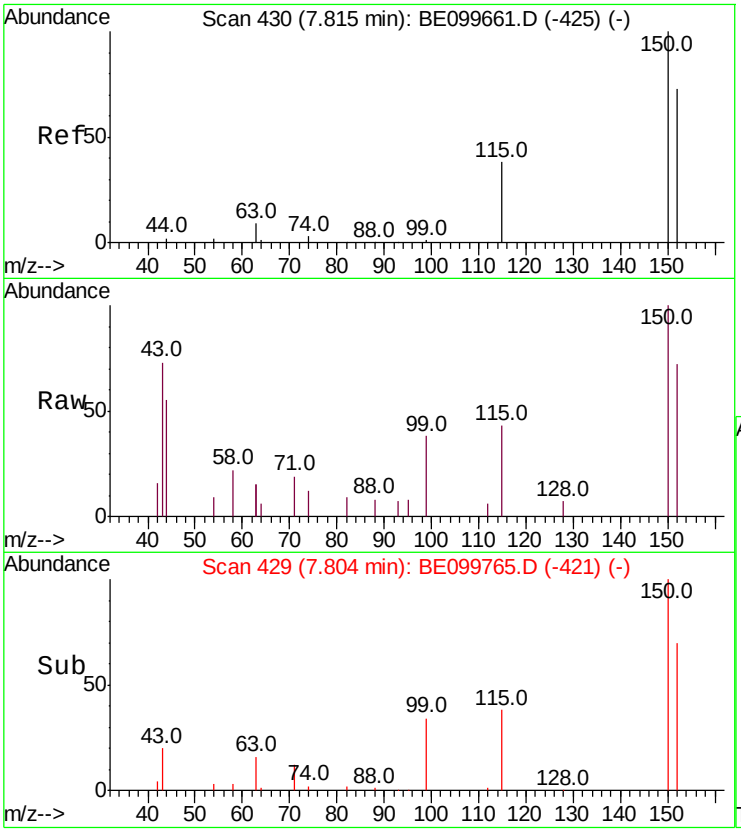
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099765.D
Acq On : 28 May 2019 20:07
Operator : JU/SJ
Sample : K3037-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 29 04:10:59 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



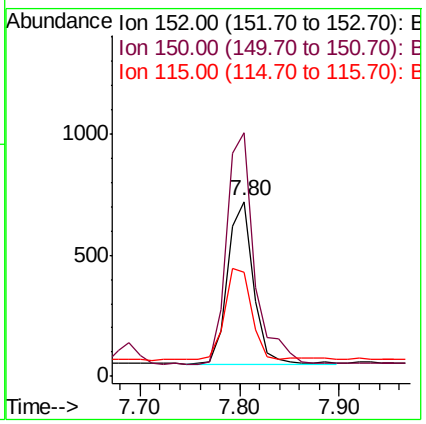


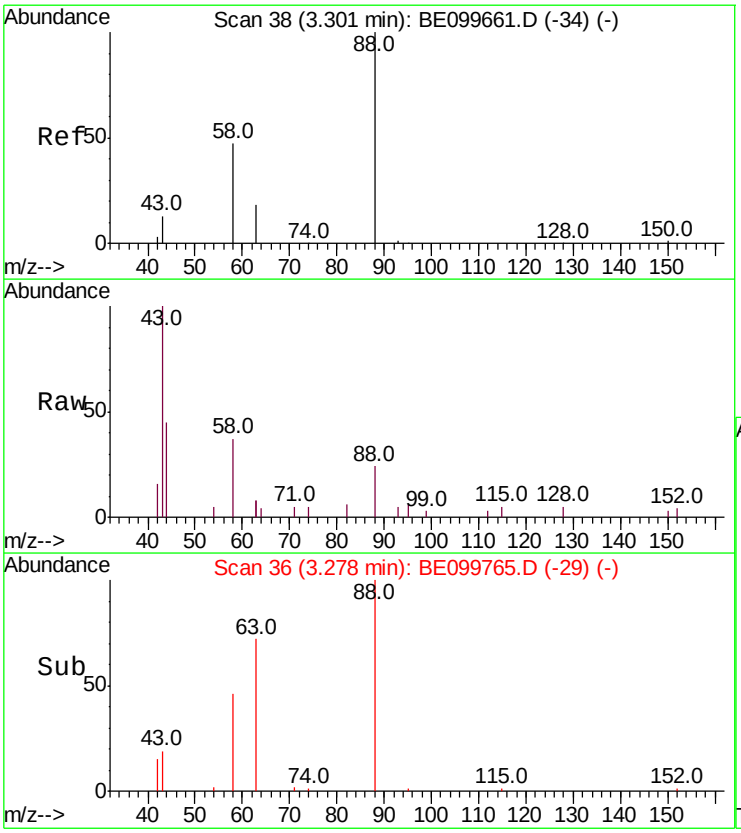
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1203

Ion	Ratio	Lower	Upper
152	100		
150	139.1	109.2	163.8
115	59.6	43.7	65.5

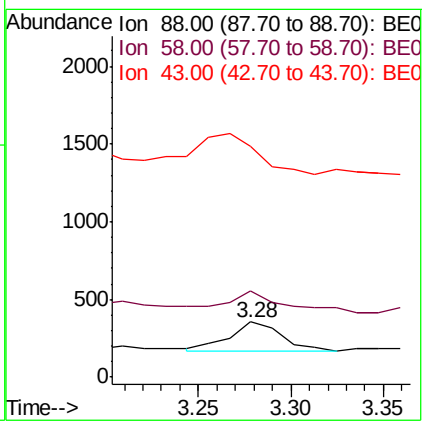


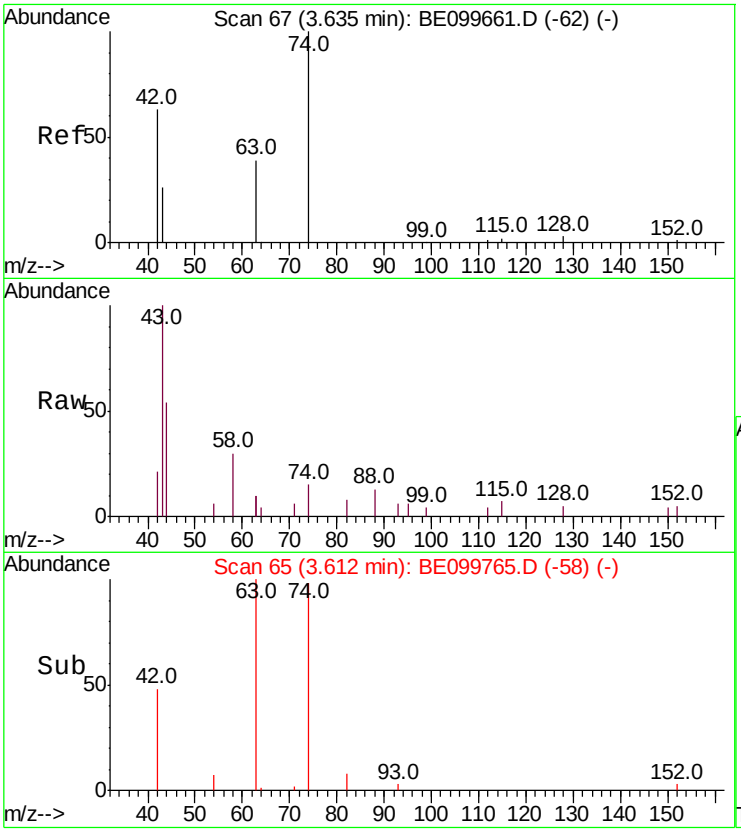


#2
1,4-Dioxane
Concen: 0.204 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion: 88 Resp: 364

Ion	Ratio	Lower	Upper
88	100		
58	82.4	41.8	62.8#
43	194.5	15.0	22.4#



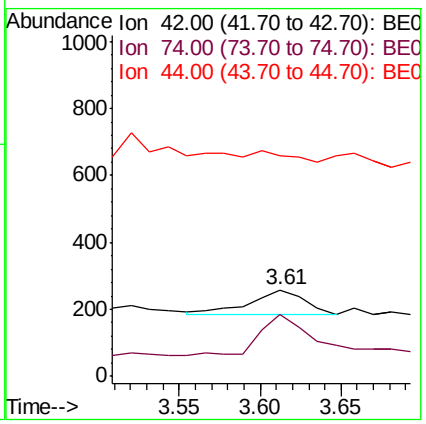


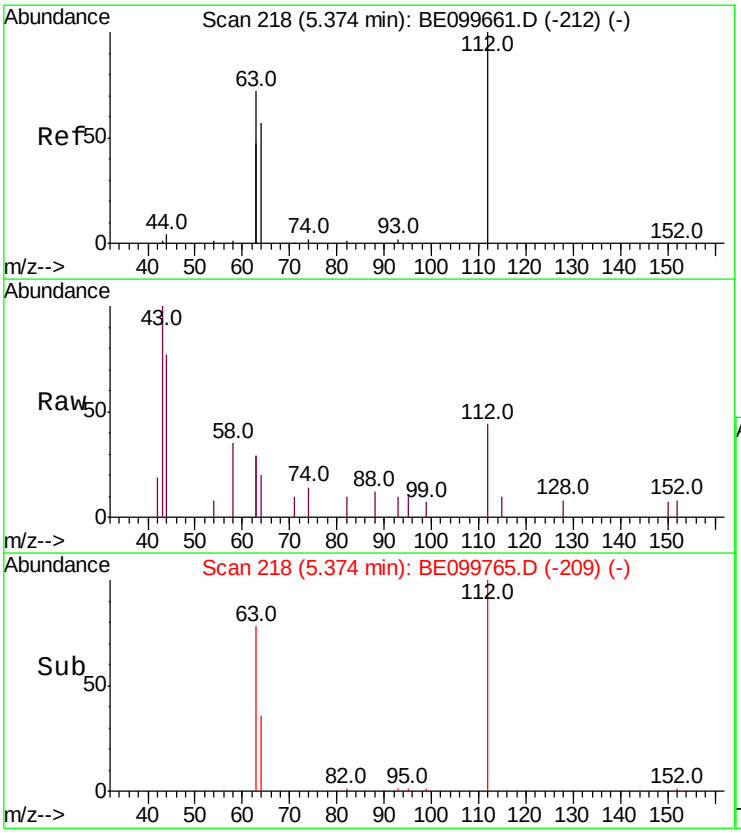
#3
n-Nitrosodimethylamine
Concen: 0.174 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 171

Ion	Ratio	Lower	Upper
42	100		
74	171.3	129.2	193.8
44	0.0	0.0	0.0

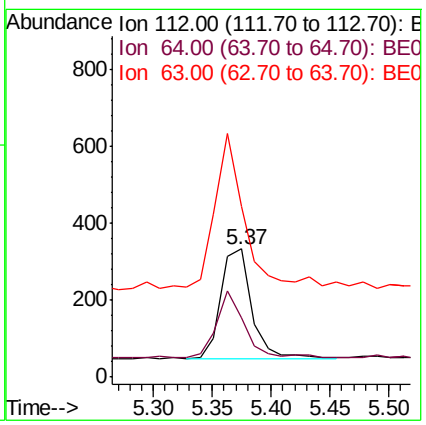


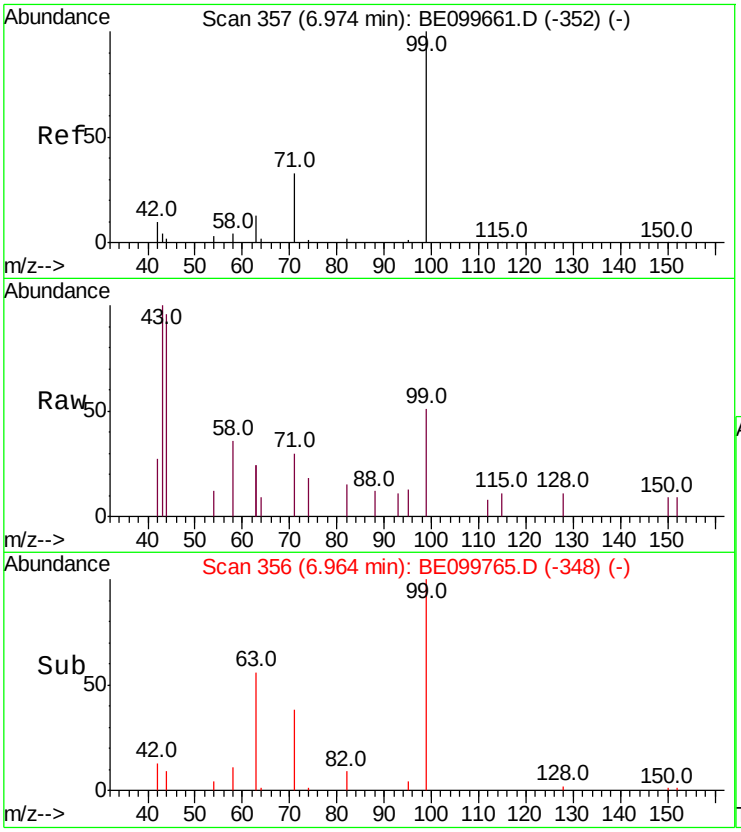


#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:112 Resp: 513

Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.4	65.2
63	136.8	96.9	145.3



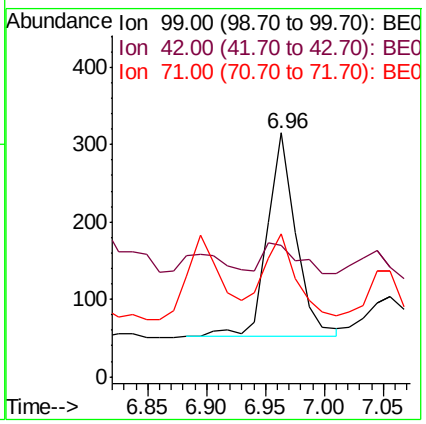


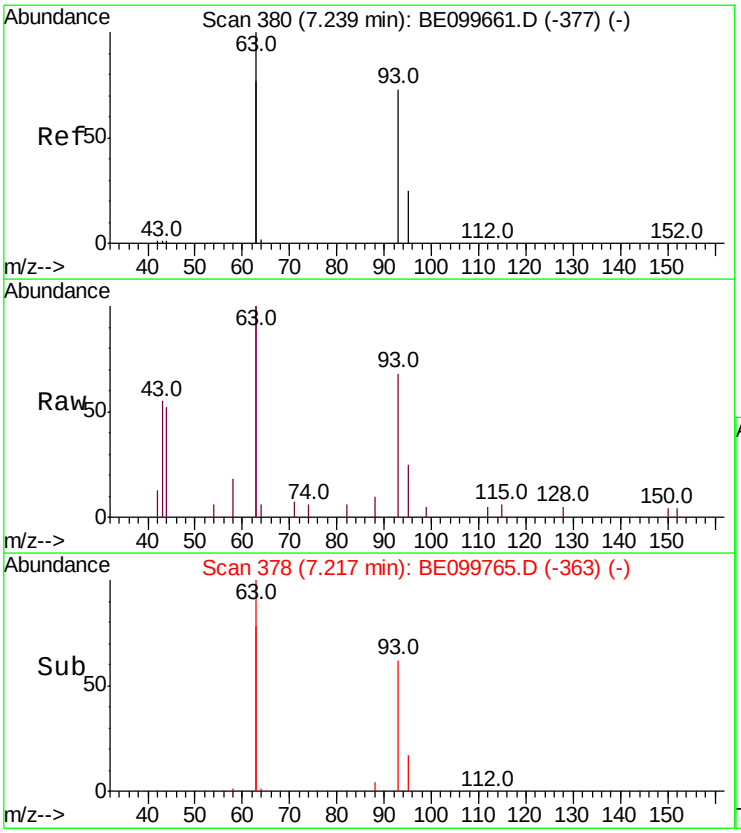
#5
Phenol-d6
Concen: 0.111 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 445

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	44.7	28.9	43.3#

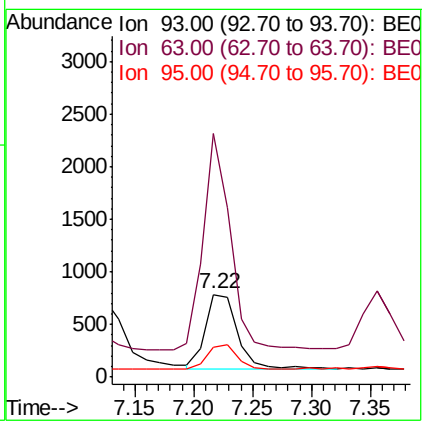


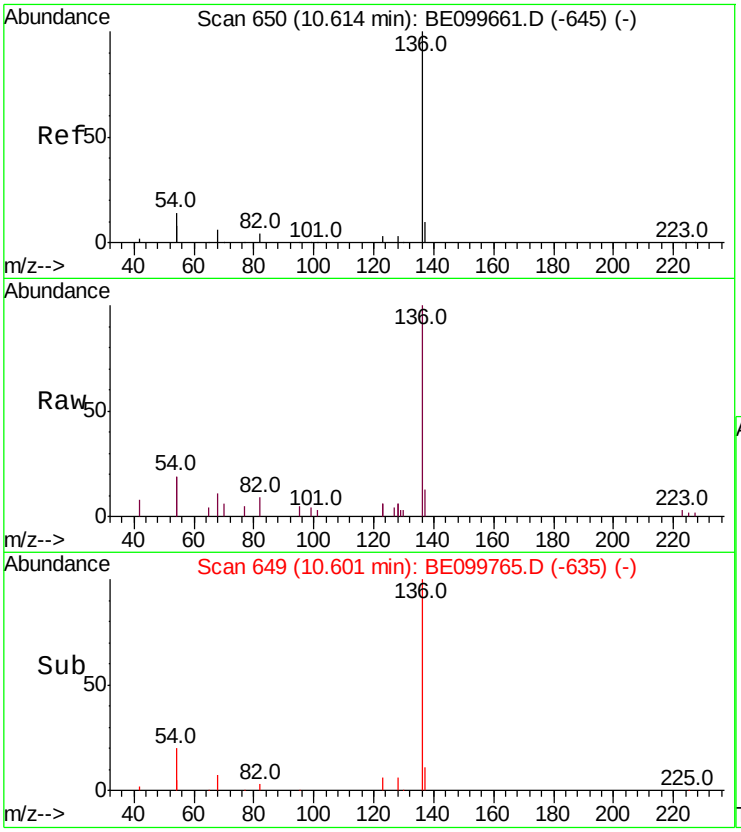


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion: 93 Resp: 1338

Ion	Ratio	Lower	Upper
93	100		
63	248.8	207.8	311.6
95	32.5	25.9	38.9



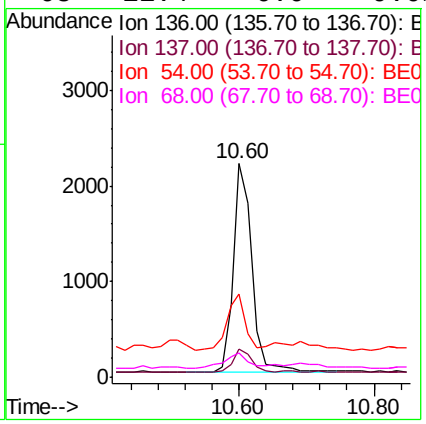


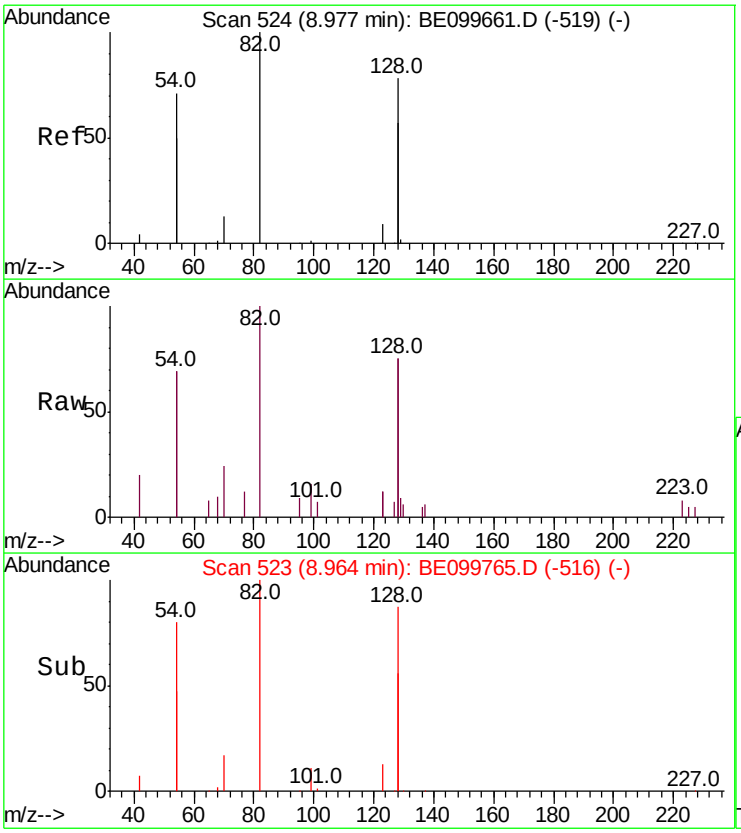
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4288

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.0	13.6
54	38.8	22.3	33.5#
68	11.4	6.0	9.0#

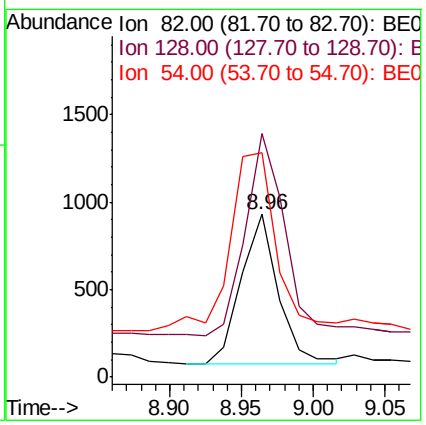


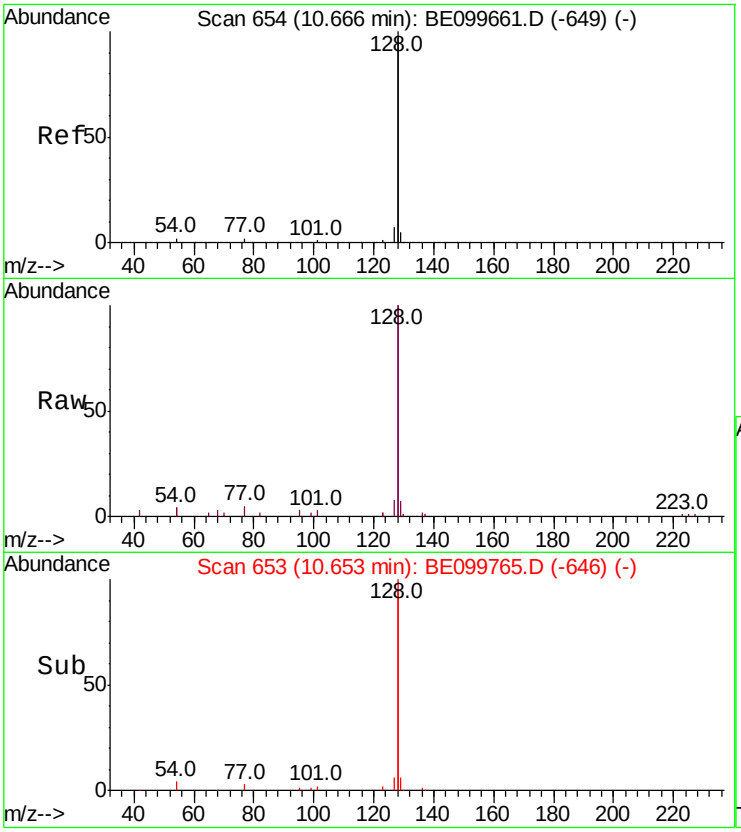


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion: 82 Resp: 1525

Ion	Ratio	Lower	Upper
82	100		
128	149.8	117.7	176.5
54	137.8	106.6	160.0



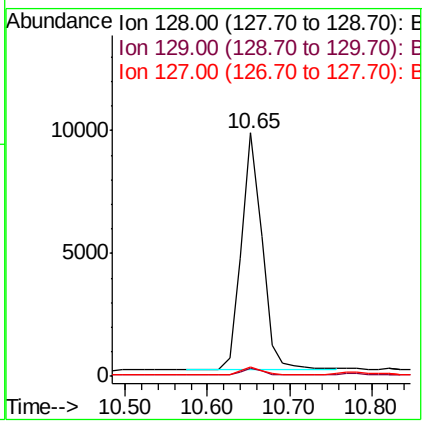


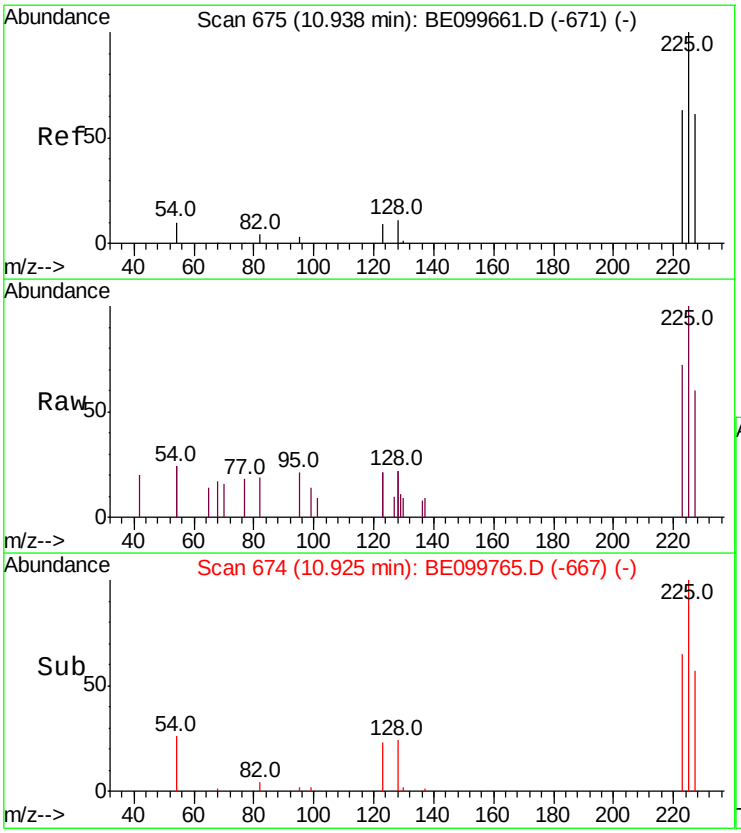
#9
Naphthalene
Concen: 0.371 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17034

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.4	3.6
127	3.9	2.9	4.3

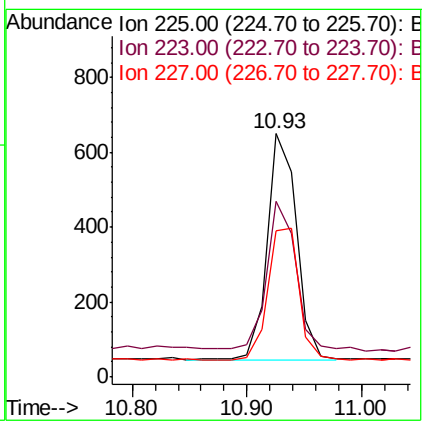


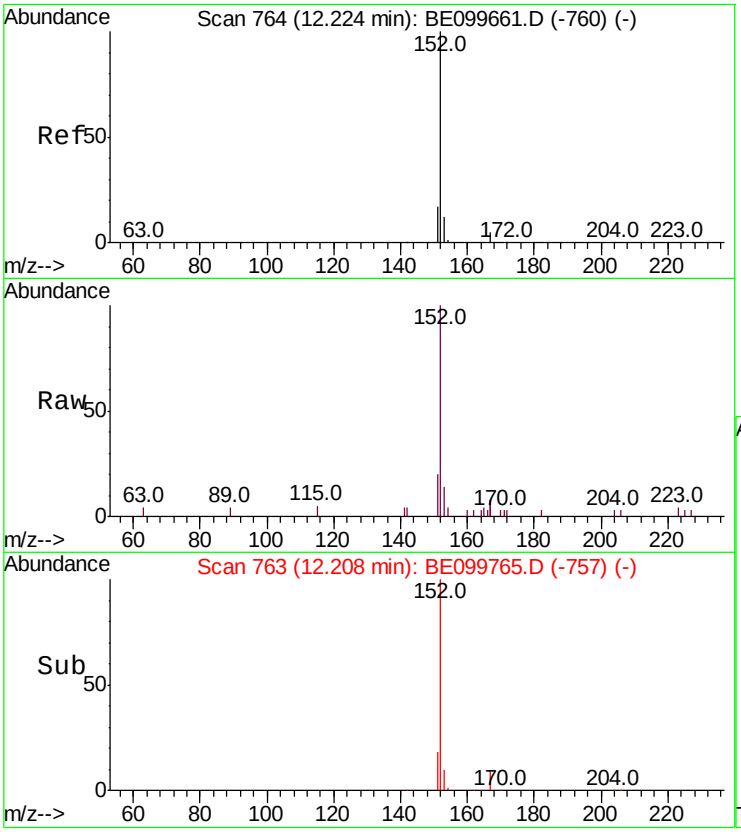


#10
Hexachlorobutadiene
Concen: 0.320 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:225 Resp: 1080

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.8	77.6
227	62.0	52.6	79.0



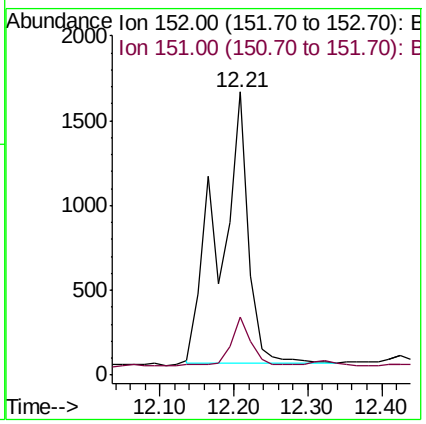


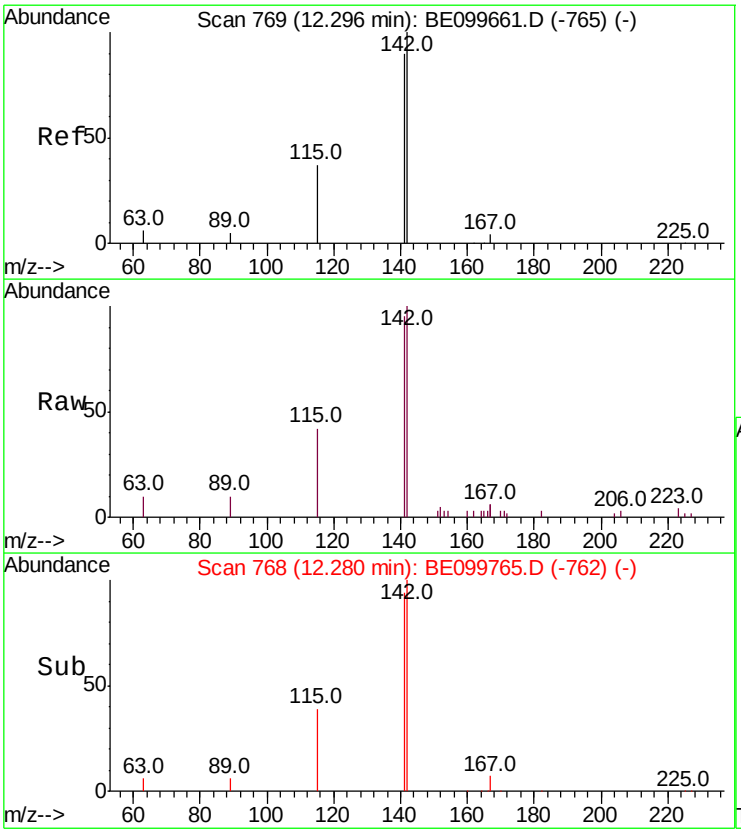
#11
2-Methylnaphthalene-d10
Concen: 0.596 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4410

Ion	Ratio	Lower	Upper
152	100		
151	11.6	15.0	22.4#

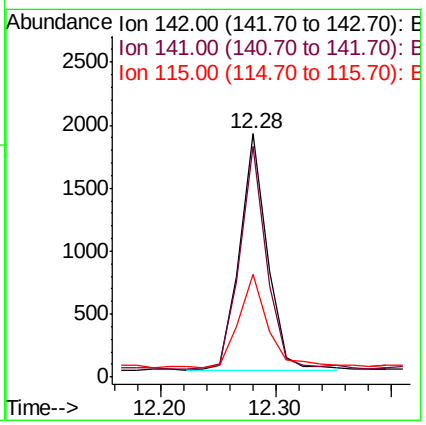


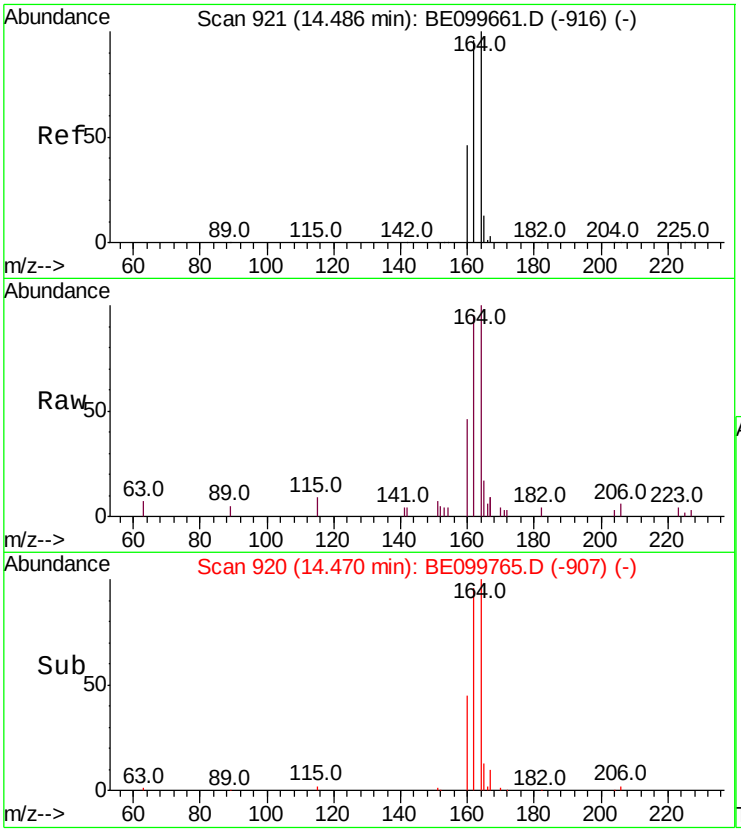


#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:142 Resp: 3126

Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.0	108.0
115	42.2	31.0	46.4



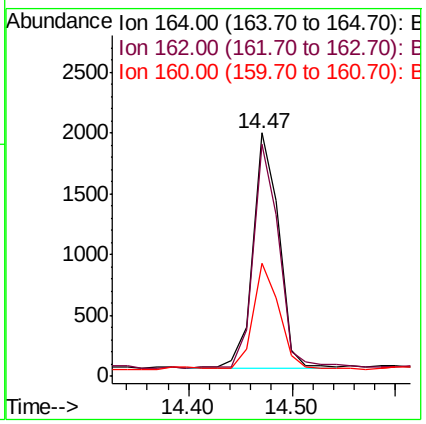


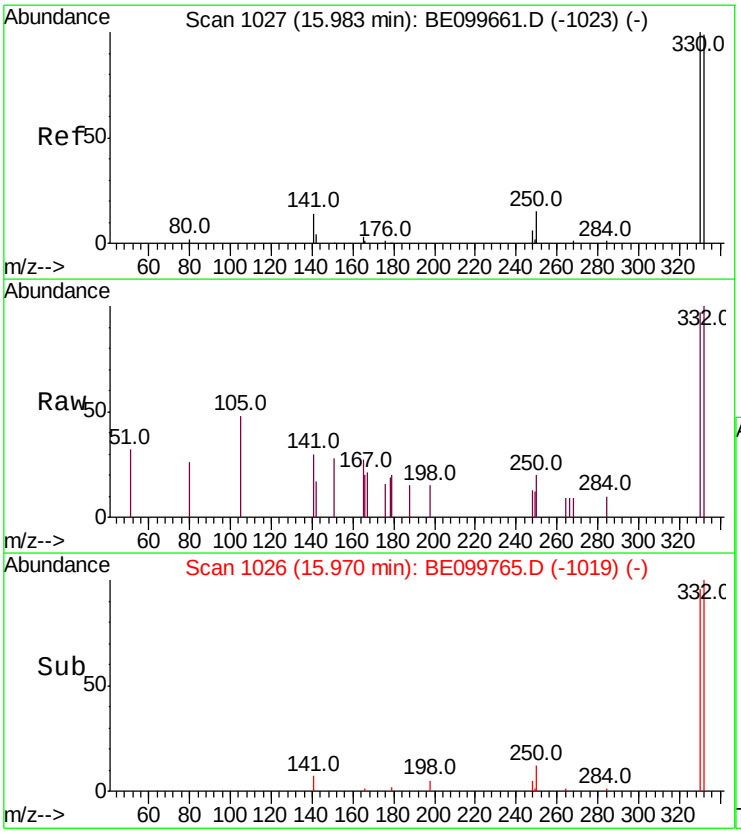
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3383

Ion	Ratio	Lower	Upper
164	100		
162	95.2	76.5	114.7
160	46.4	37.4	56.2

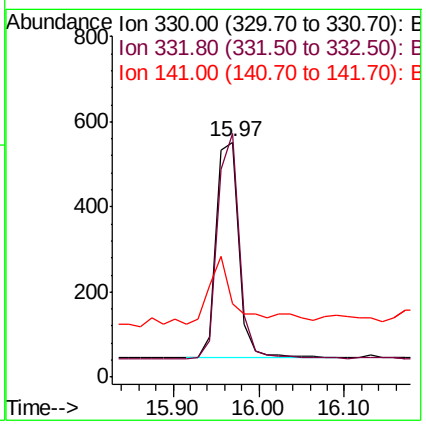


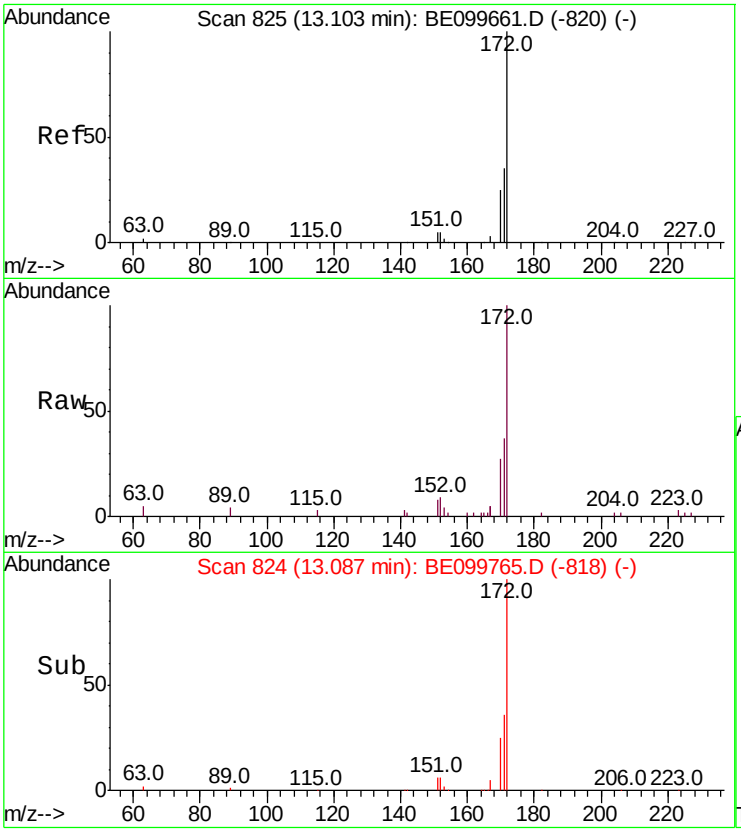


#14
2,4,6-Tribromophenol
Concen: 0.491 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:330 Resp: 938

Ion	Ratio	Lower	Upper
330	100		
332	100.3	77.3	115.9
141	31.9	18.9	28.3#



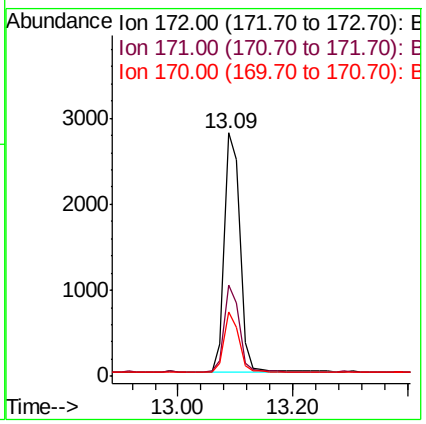


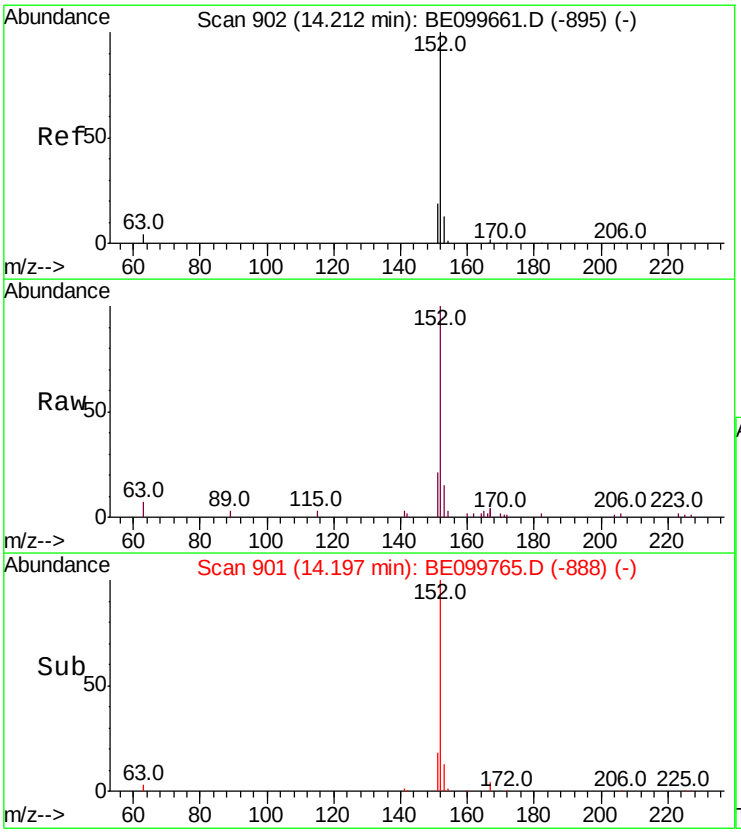
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5318

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	26.5	20.9	31.3

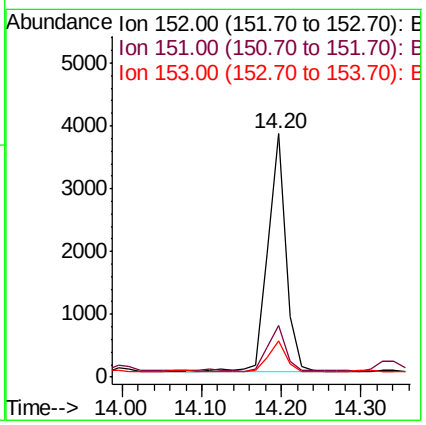


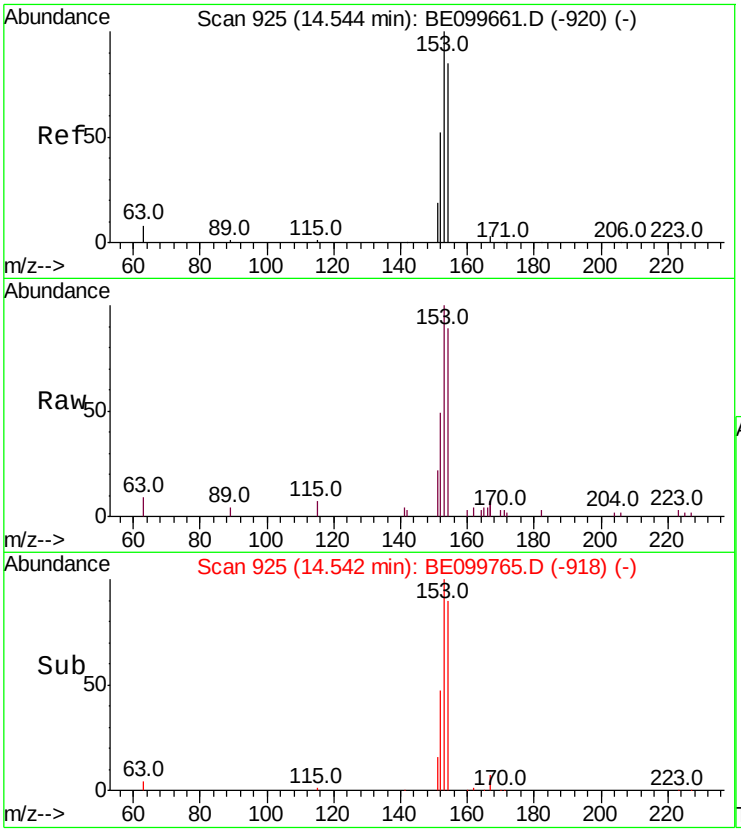


#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:152 Resp: 5987

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.2	10.6	16.0



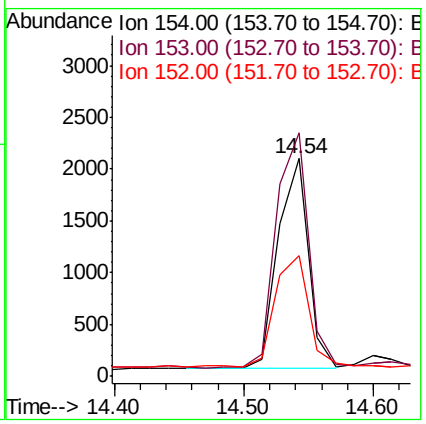


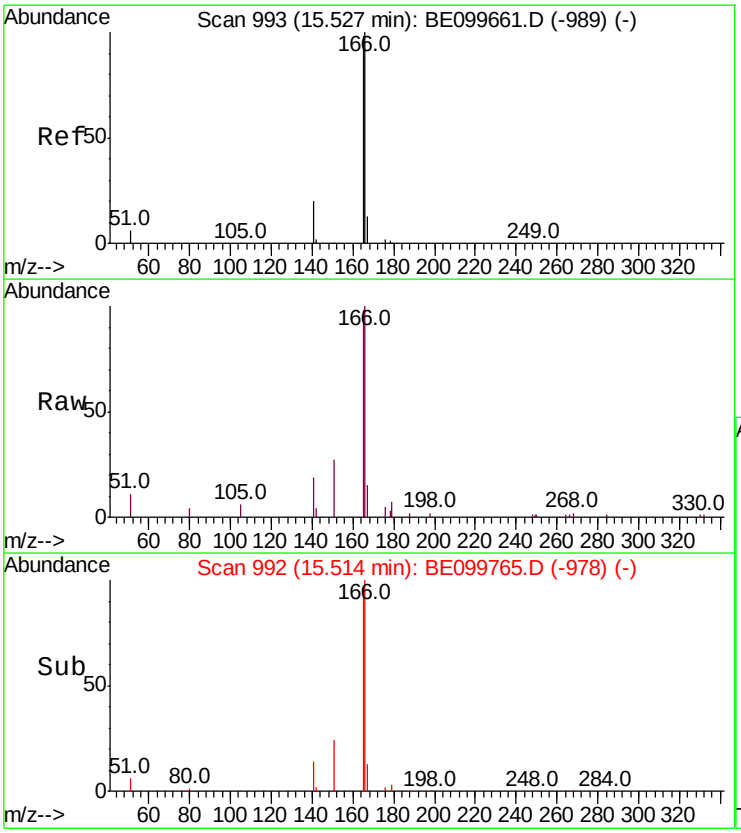
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3341

Ion	Ratio	Lower	Upper
154	100		
153	118.9	91.8	137.6
152	59.6	46.0	69.0

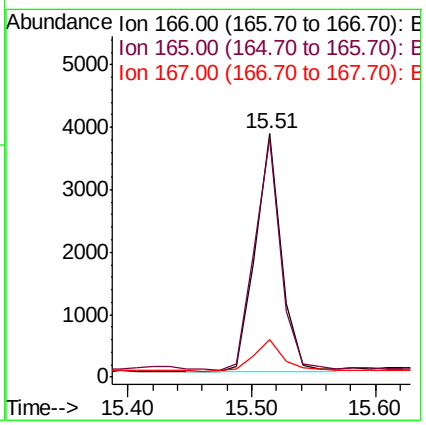


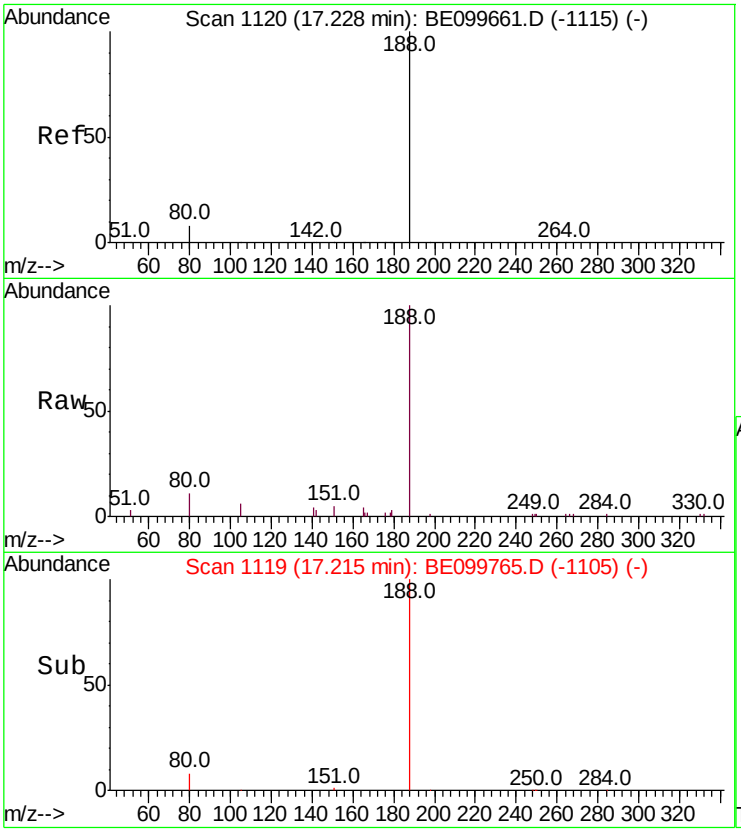


#18
Fluorene
Concen: 0.428 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:166 Resp: 5578

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.3	120.5
167	15.6	10.6	16.0



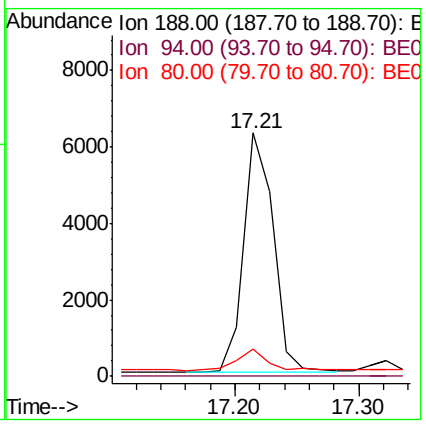


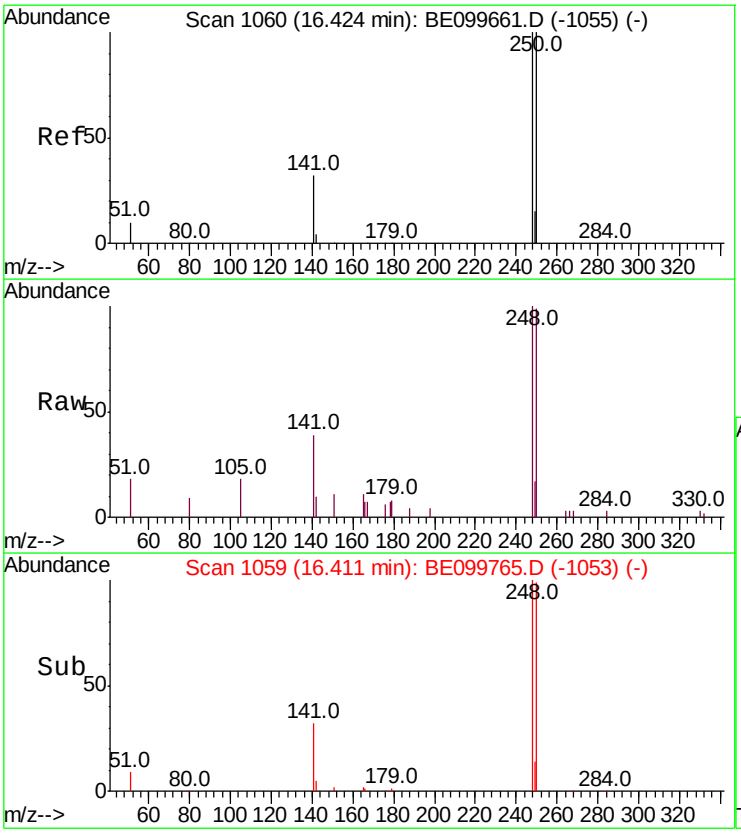
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10416

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.7	10.1#

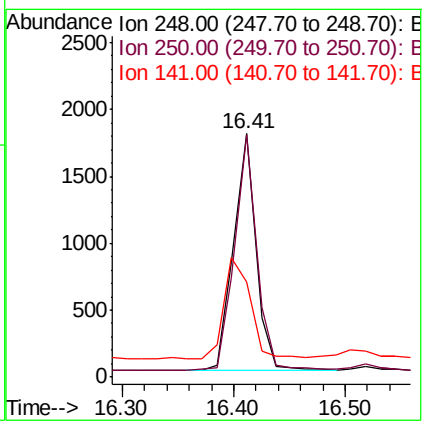


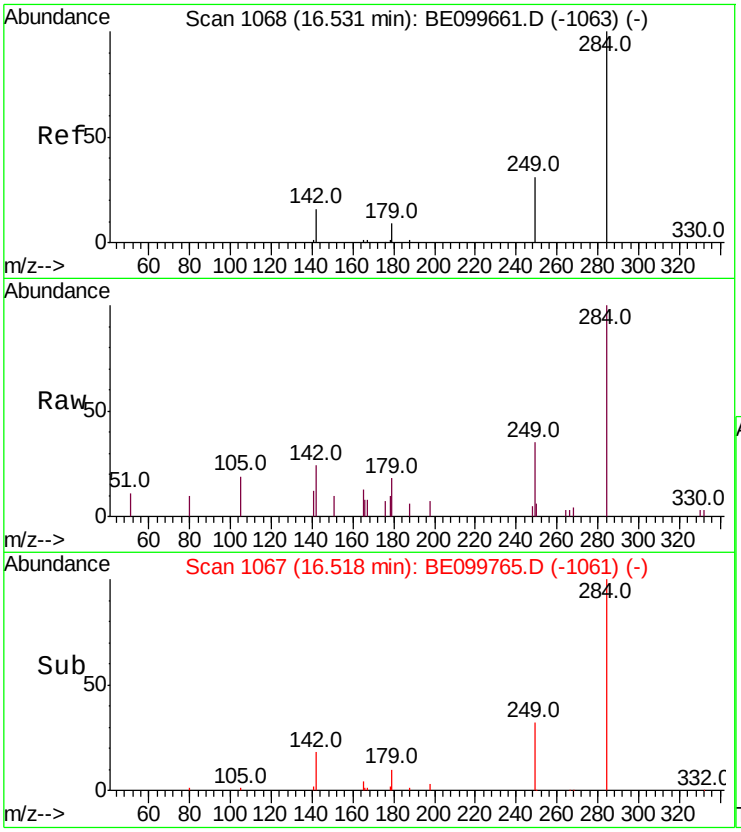


#20
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:248 Resp: 2485

Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.8	119.8
141	39.1	27.0	40.6



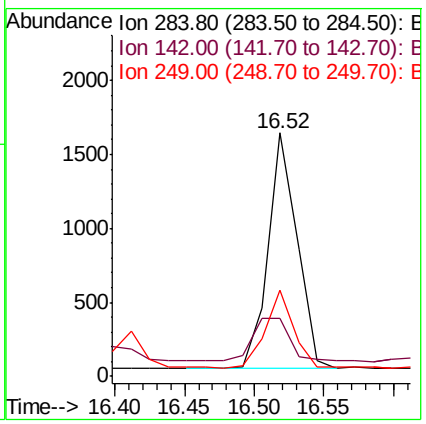


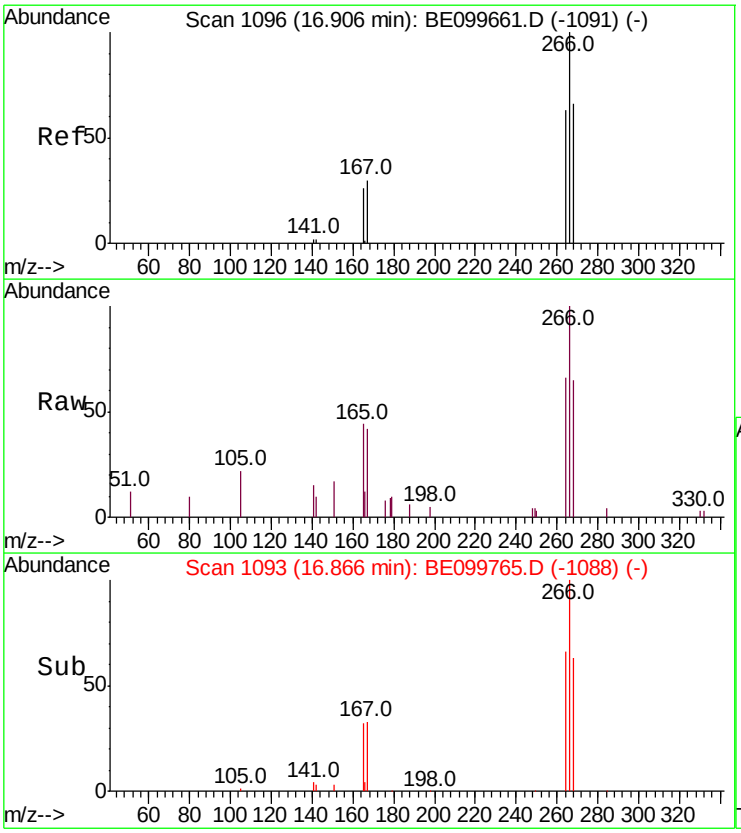
#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2309

Ion	Ratio	Lower	Upper
284	100		
142	23.4	17.8	26.6
249	32.6	24.8	37.2

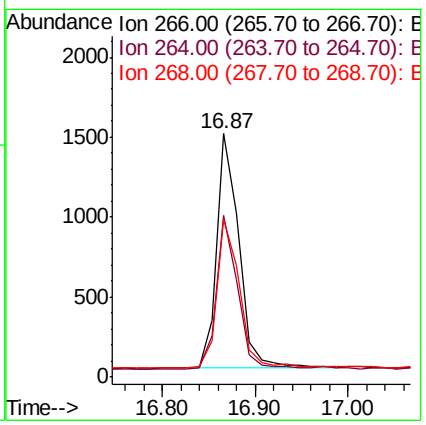


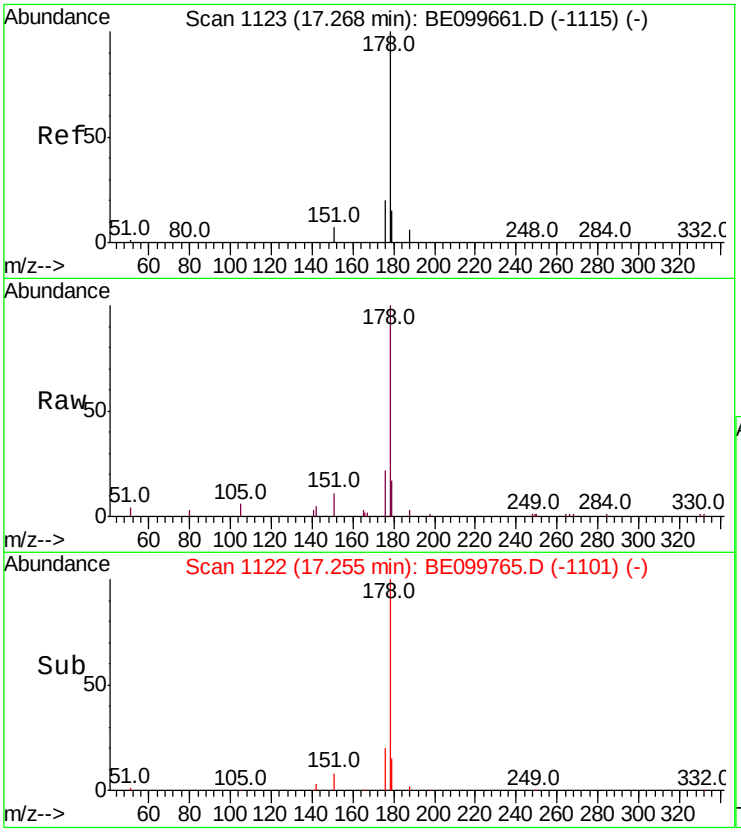


#22
Pentachlorophenol
Concen: 1.329 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:266 Resp: 2456

Ion	Ratio	Lower	Upper
266	100		
264	66.3	57.2	85.8
268	64.9	60.5	90.7



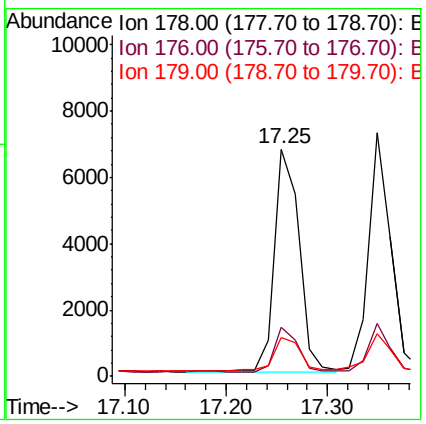


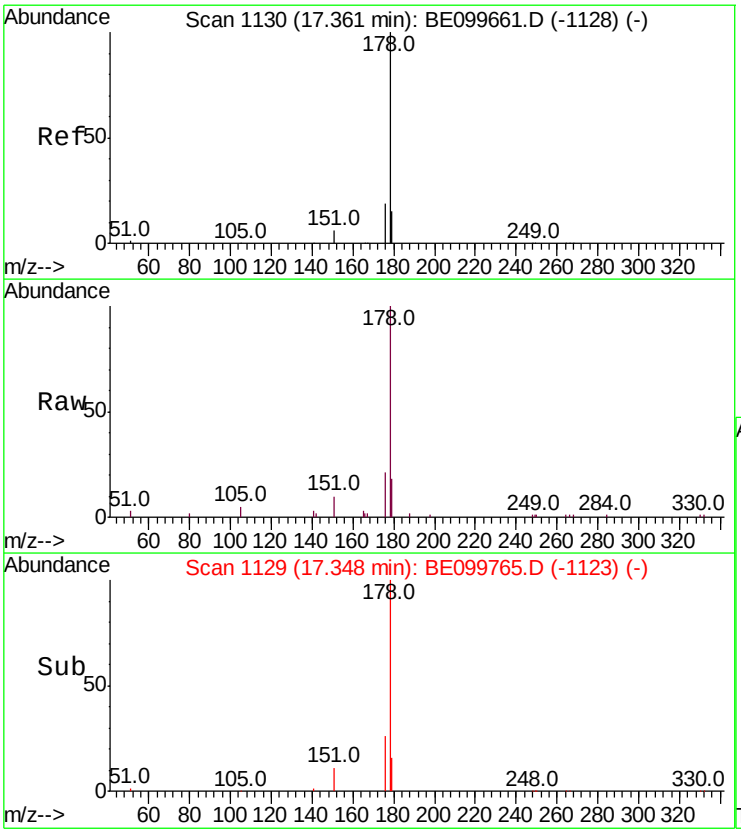
#23
Phenanthrene
Concen: 0.442 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11238

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	17.0	12.2	18.4

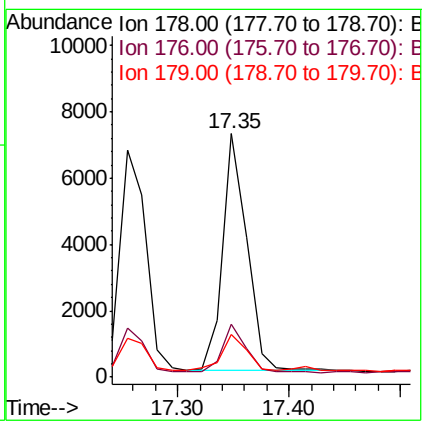


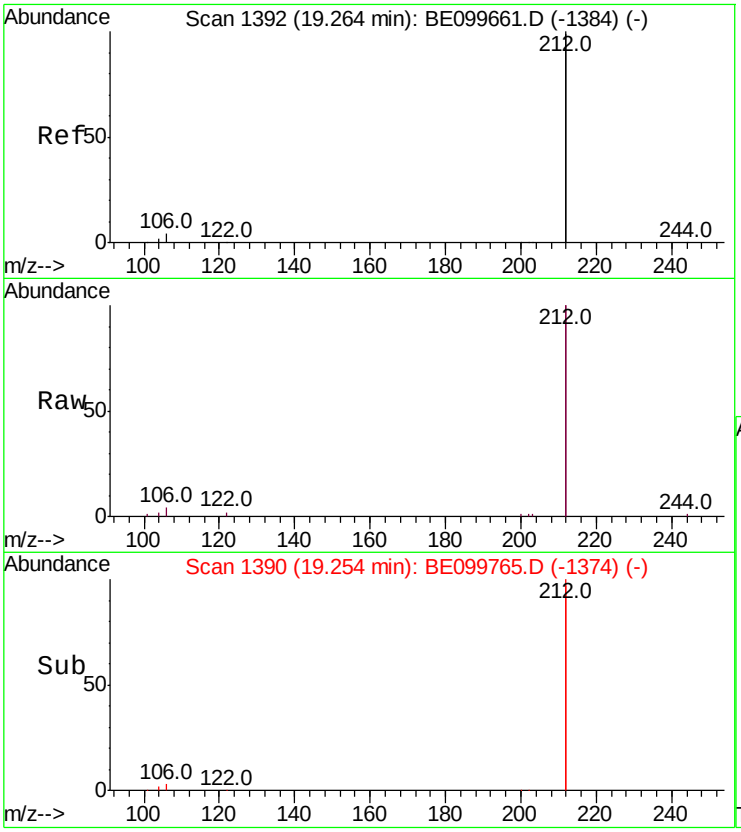


#24
Anthracene
Concen: 0.467 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:178 Resp: 10783

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.7	22.1
179	15.8	12.0	18.0



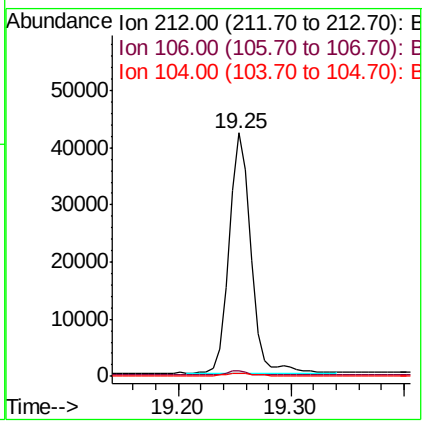


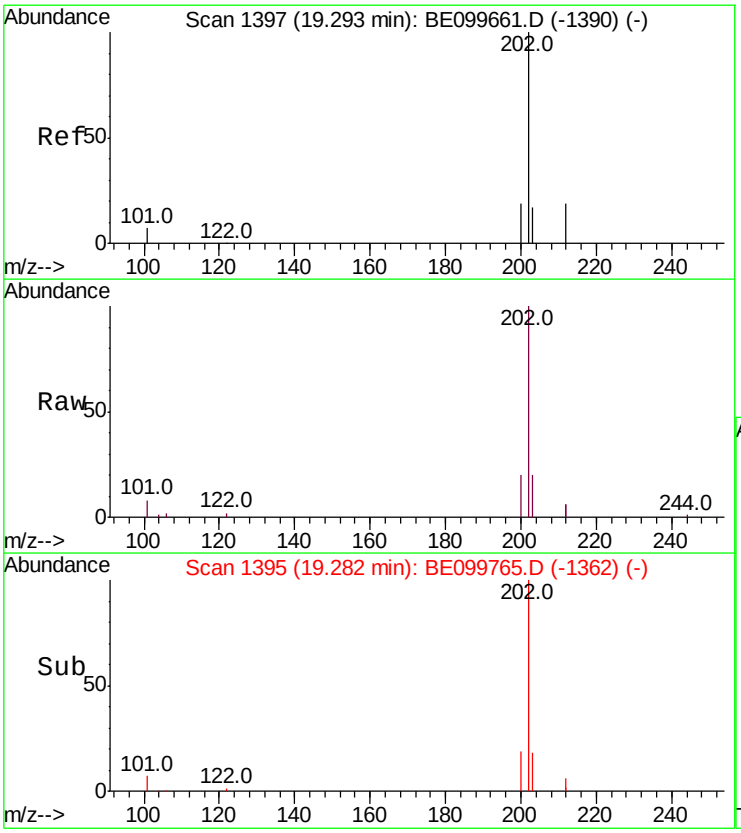
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 56503

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.2
104	1.2	0.8	1.2

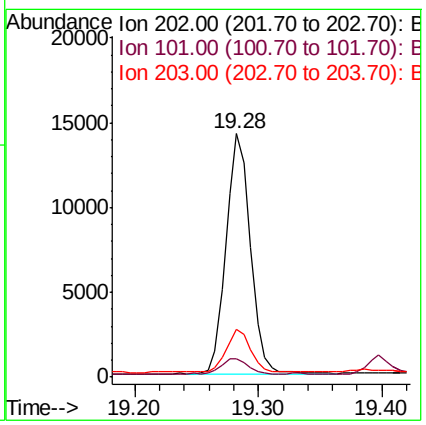


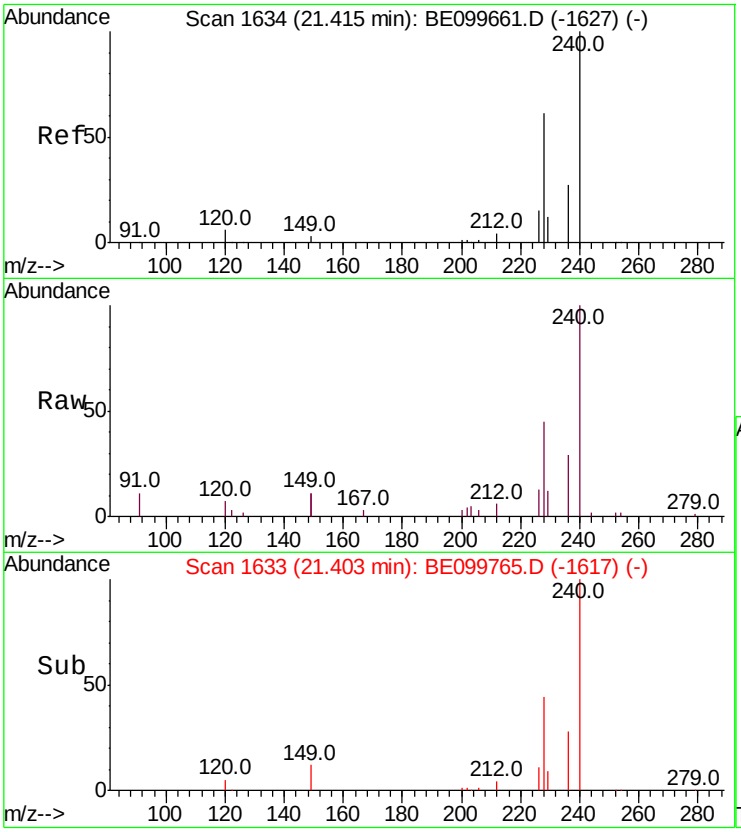


#26
Fluoranthene
Concen: 0.481 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:202 Resp: 19372

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.2	7.8
203	17.9	13.8	20.6



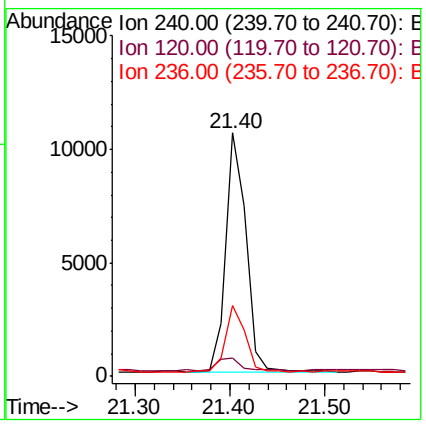


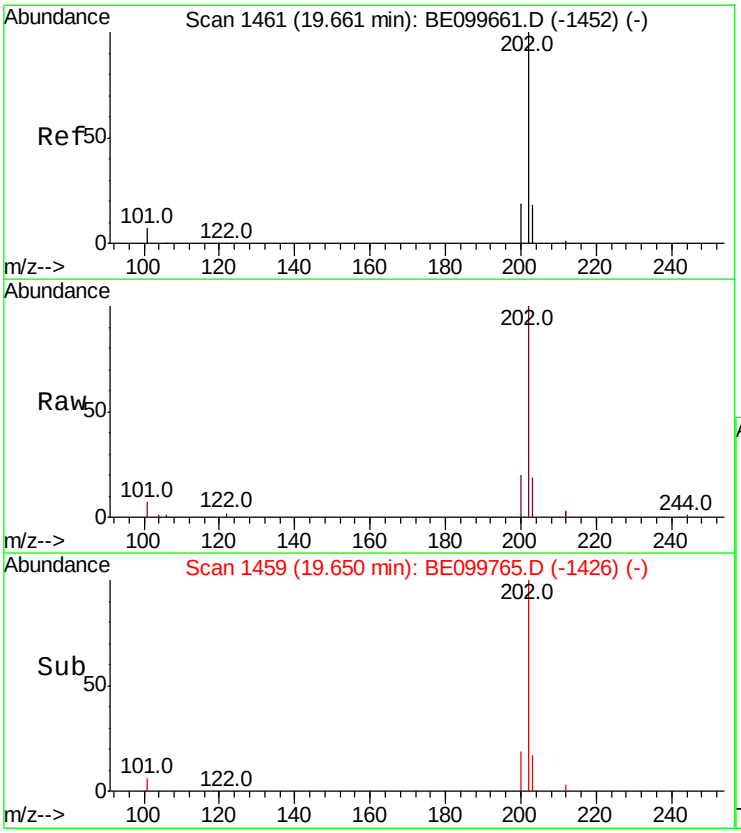
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15516

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.4	8.0
236	29.1	21.7	32.5

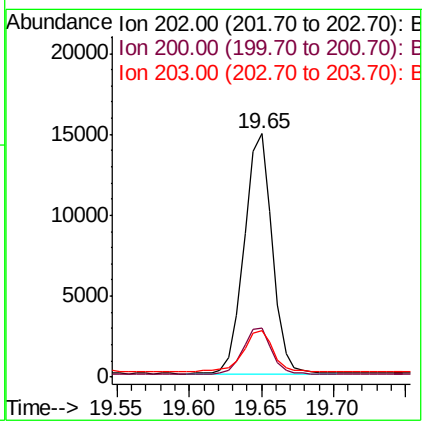


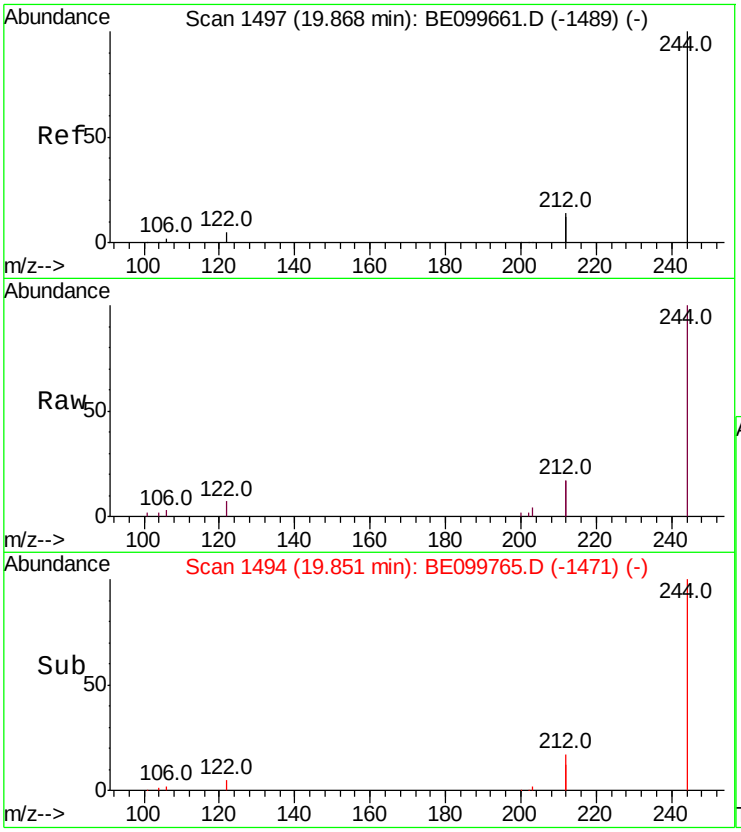


#28
Pyrene
Concen: 0.518 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:202 Resp: 20205

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	19.0	13.8	20.8



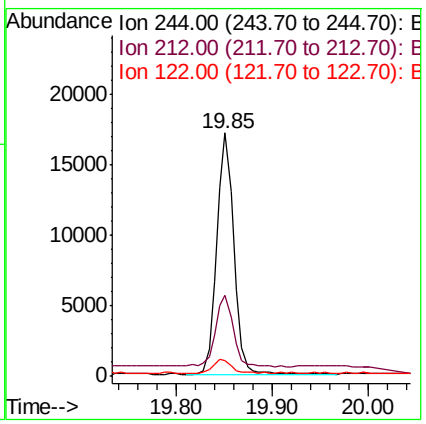


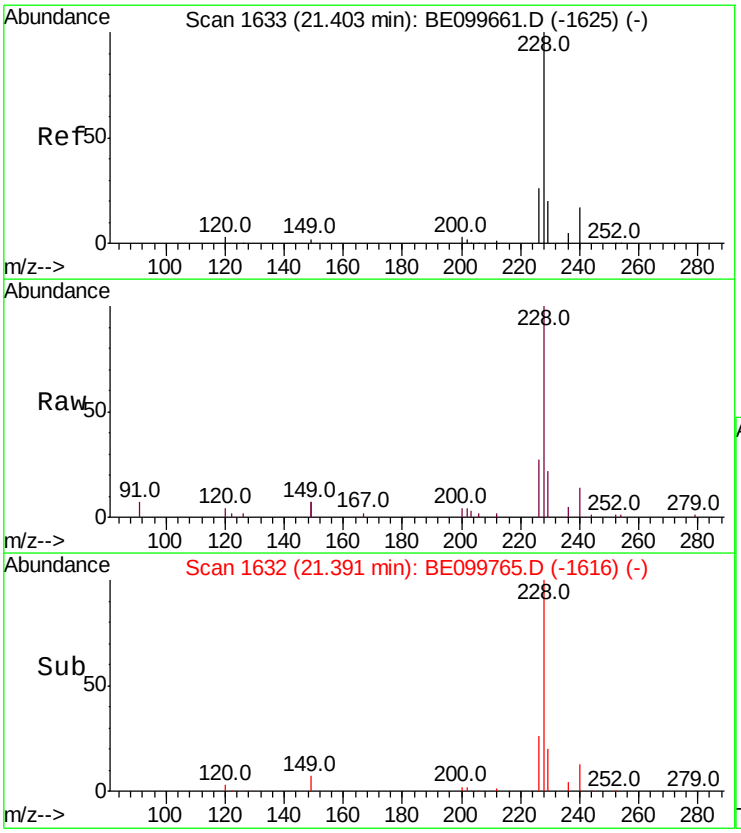
#29
Terphenyl-d14
Concen: 0.765 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 21191

Ion	Ratio	Lower	Upper
244	100		
212	33.5	22.5	33.7
122	6.6	4.3	6.5#

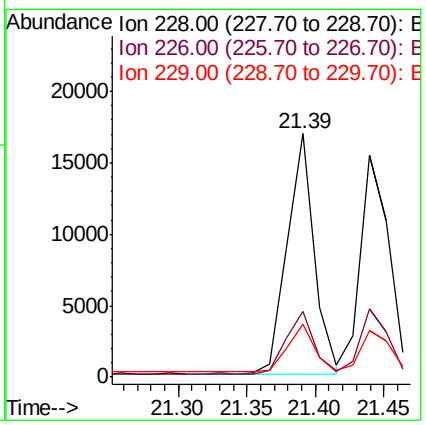


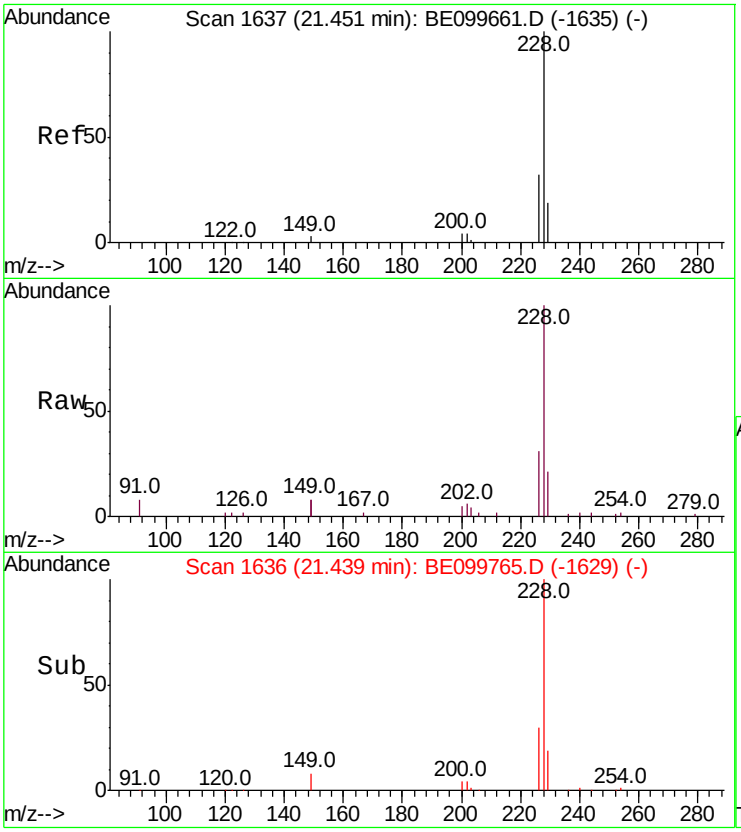


#30
Benzo(a)anthracene
Concen: 0.519 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:228 Resp: 22884

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	21.9	16.1	24.1



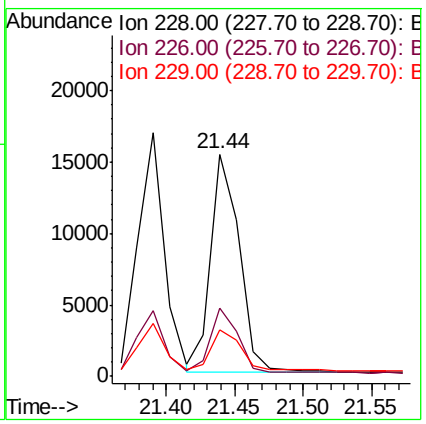


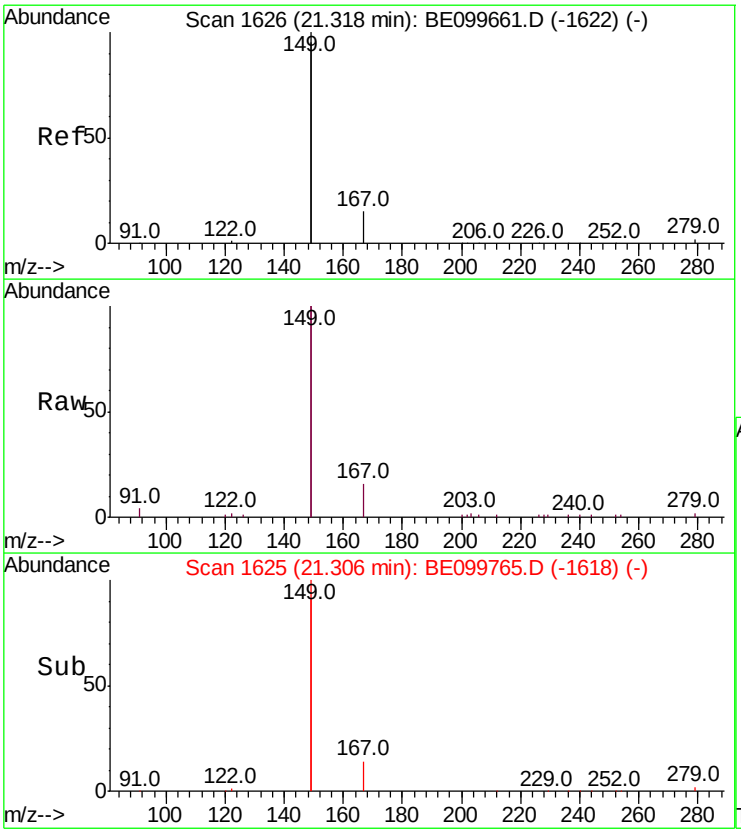
#31
Chrysene
Concen: 0.466 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 21984

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	21.0	15.8	23.6

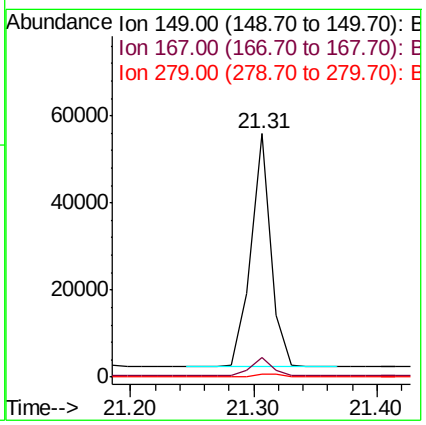


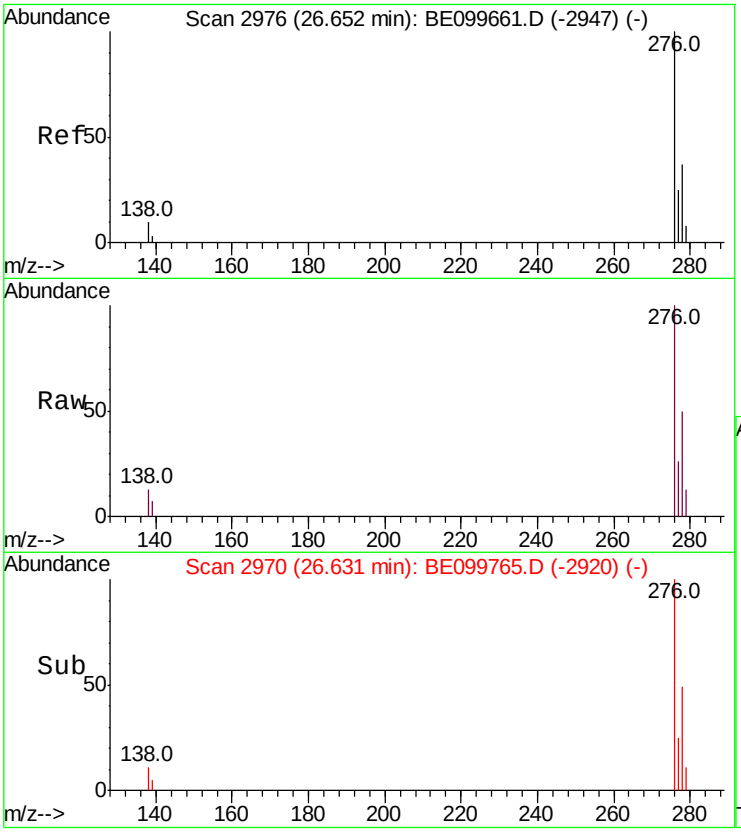


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.195 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:149 Resp: 60726

Ion	Ratio	Lower	Upper
149	100		
167	7.8	6.2	9.4
279	1.5	1.2	1.8



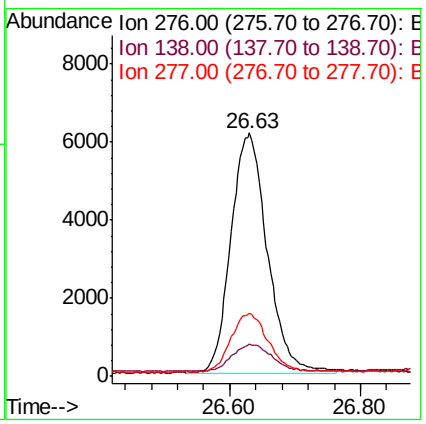


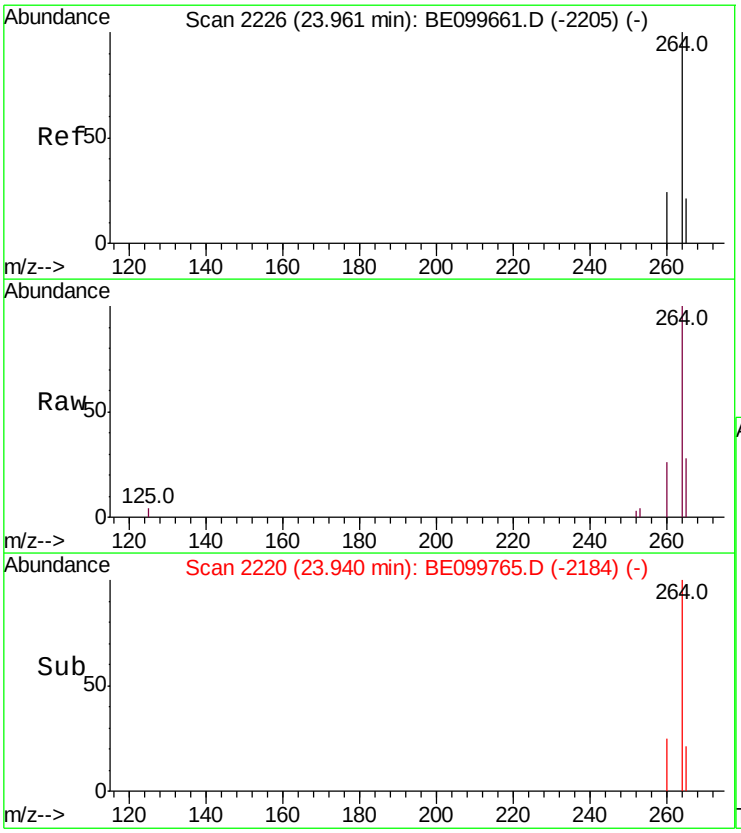
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23799

Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.6	14.4
277	24.7	19.2	28.8

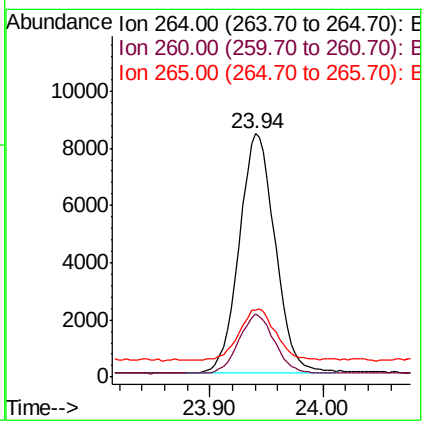


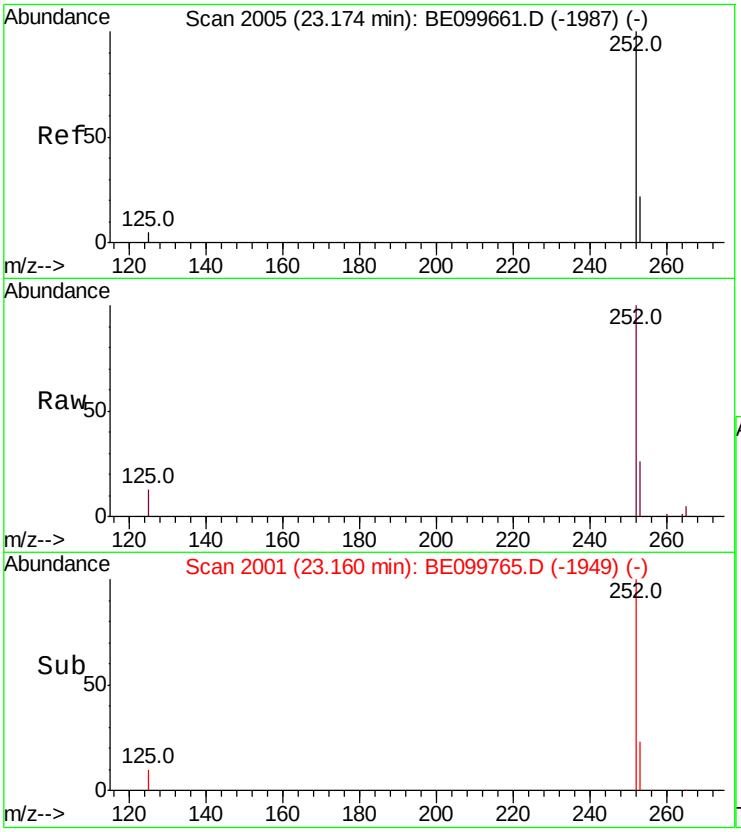


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:264 Resp: 18509

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.6	29.4
265	27.5	19.1	28.7



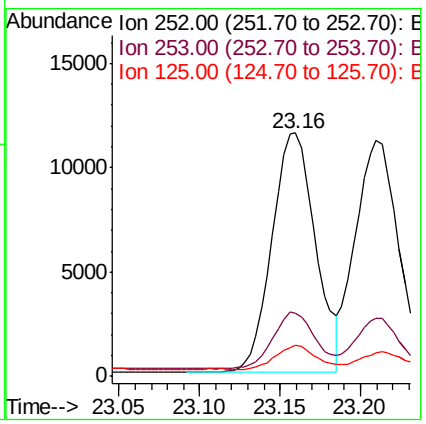


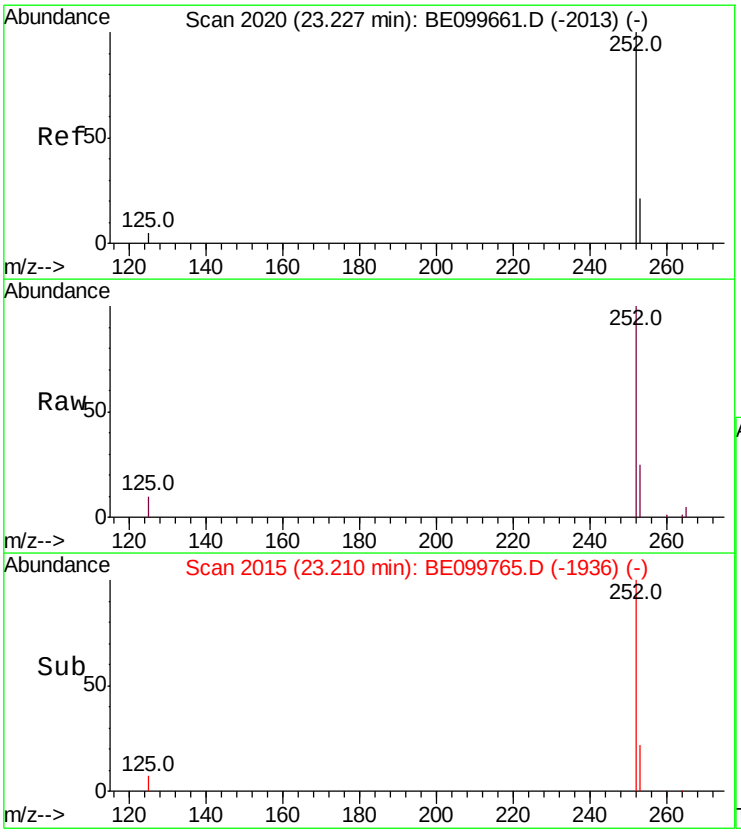
#35
Benzo(b)fluoranthene
Concen: 0.426 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21609

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.4
125	12.8	4.5	6.7#

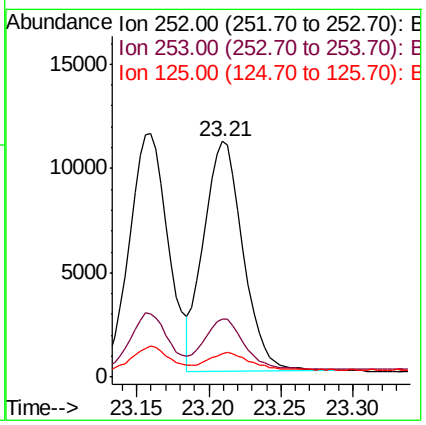


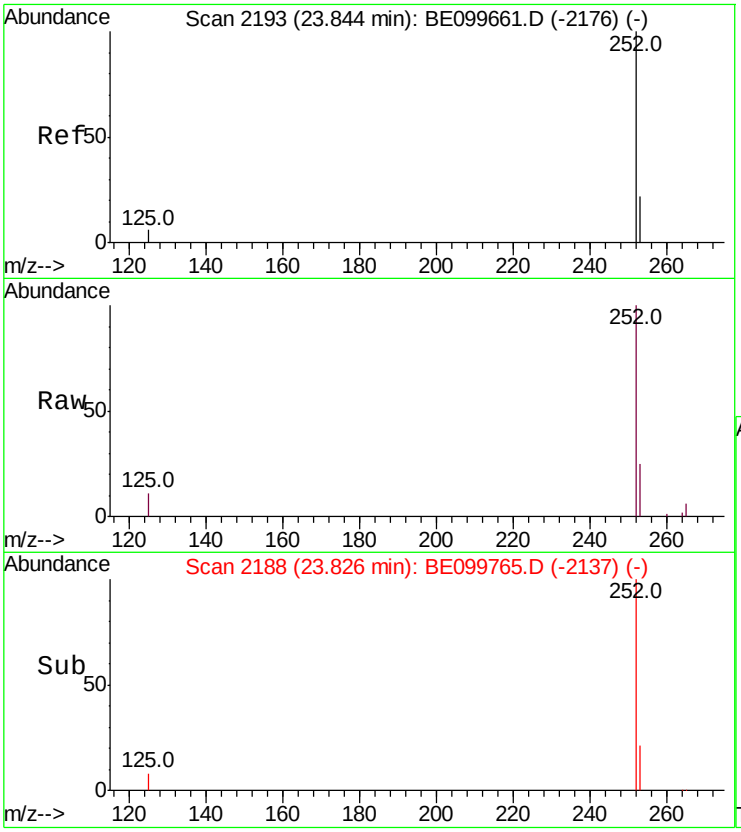


#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:252 Resp: 20881

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	9.8	4.6	6.8#



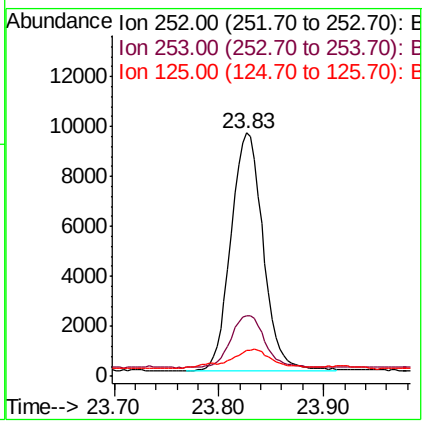


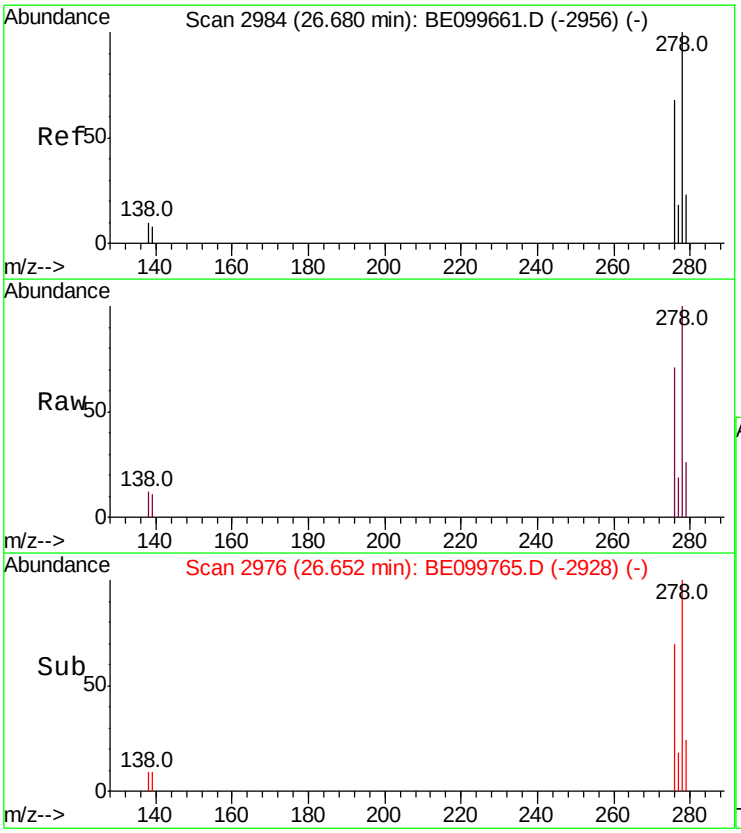
#37
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20453

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	10.6	5.4	8.0#

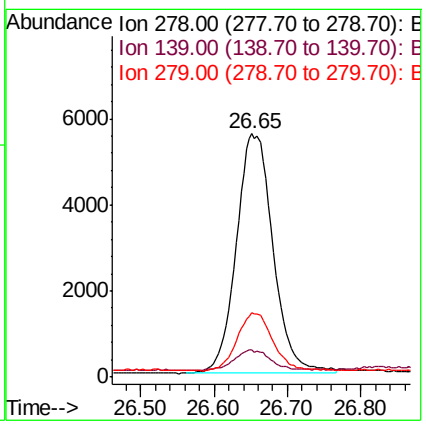


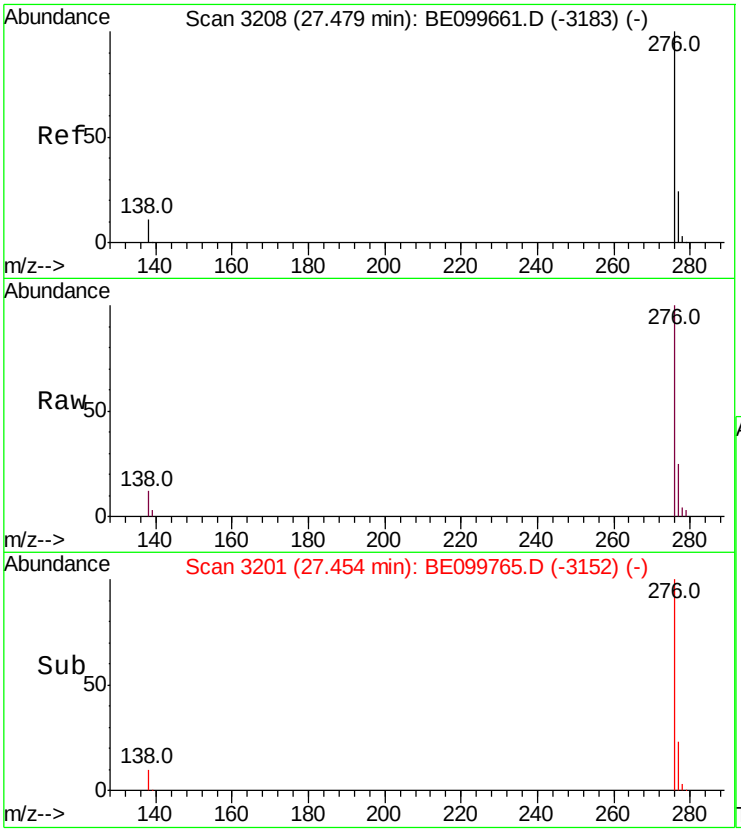


#38
Dibenzo(a,h)anthracene
Concen: 0.375 ng
RT: 26.65 min Scan# 2976
Delta R.T. -0.03 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:278 Resp: 19228

Ion	Ratio	Lower	Upper
278	100		
139	11.2	6.9	10.3#
279	26.3	19.2	28.8





#39
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.45 min Scan# 3201
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20598

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.6
138	12.3	9.2	13.8