Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
Data File : BE100449.D
Acq On : 17 Jul 2019 14:02
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 15:18:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 14:03:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3771	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	15528	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	9946	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	26605	0.40	ng		0.00
27) Chrysene-d12	21.39	240	29301	0.40	ng		0.00
34) Perylene-d12	23.88	264	30845	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	3520	0.49	ng		0.00
5) Phenol-d6	7.04	99	4926	0.46	ng		0.00
8) Nitrobenzene-d5	9.03	82	2546	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	9705	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	975	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	15895	0.36	ng		0.00
25) Fluoranthene-d10	19.25	212	135322	0.43	ng		0.00
29) Terphenyl-d14	19.85	244	28248	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	2356	0.408	ng		97
3) n-Nitrosodimethylamine	3.71	42	1288	0.394	ng	#	76
6) bis(2-Chloroethyl)ether	7.31	93	4428	0.413	ng		93
9) Naphthalene	10.72	128	59134	0.391	ng		100
10) Hexachlorobutadiene	11.03	225	2818	0.384	ng		99
12) 2-Methylnaphthalene	12.34	142	10328	0.408	ng		99
16) Acenaphthylene	14.23	152	17383	0.432	ng		99
17) Acenaphthene	14.57	154	10602	0.384	ng		97
18) Fluorene	15.54	166	14263	0.400	ng		98
20) 4-Bromophenyl-phenylether	16.44	248	4929	0.355	ng	#	56
21) Hexachlorobenzene	16.55	284	5227	0.322	ng		99
22) Pentachlorophenol	16.88	266	1212	0.499	ng		95
23) Phenanthrene	17.27	178	25608	0.361	ng		100
24) Anthracene	17.36	178	23507	0.402	ng		100
26) Fluoranthene	19.28	202	35587	0.395	ng		99
28) Pyrene	19.64	202	36675	0.428	ng		100
30) Benzo(a)anthracene	21.38	228	35598	0.448	ng		99
31) Chrysene	21.43	228	35812	0.379	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	60964	1.069	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.52	276	35520	0.423	ng		99
35) Benzo(b)fluoranthene	23.12	252	33746	0.358	ng		98
36) Benzo(k)fluoranthene	23.12	252	33746	0.338	ng		98
37) Benzo(a)pyrene	23.77	252	32858	0.424	ng		98
38) Dibenzo(a,h)anthracene	26.55	278	28757	0.348	ng	#	94
39) Benzo(g,h,i)perylene	27.33	276	29786	0.345	ng		97

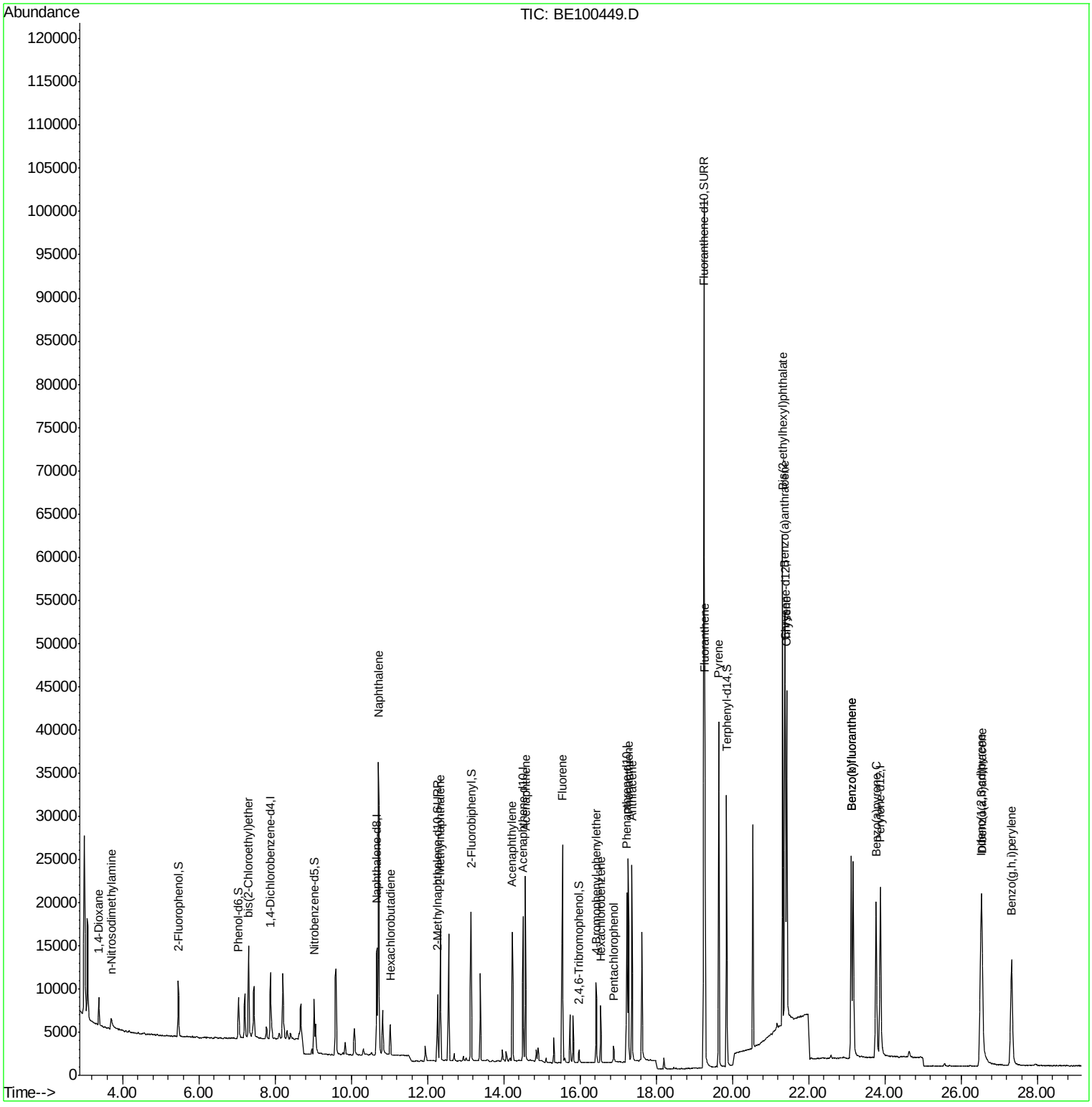
(#) = qualifier out of range (m) = manual integration (+) = signals summed

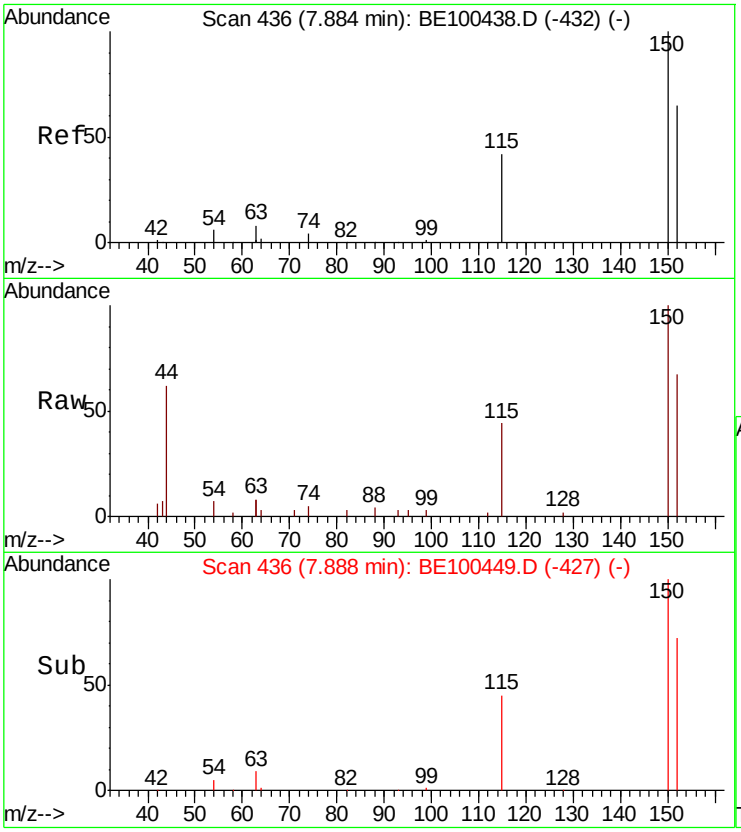
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
Data File : BE100449.D
Acq On : 17 Jul 2019 14:02
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 15:18:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 14:03:26 2019
Response via : Initial Calibration



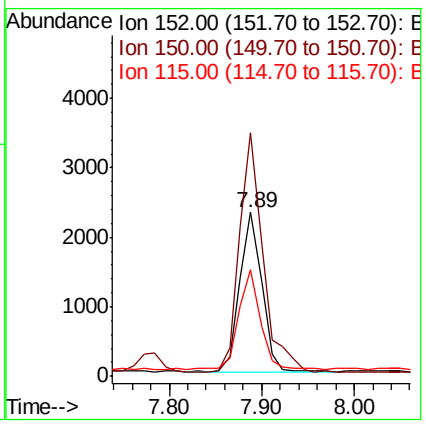


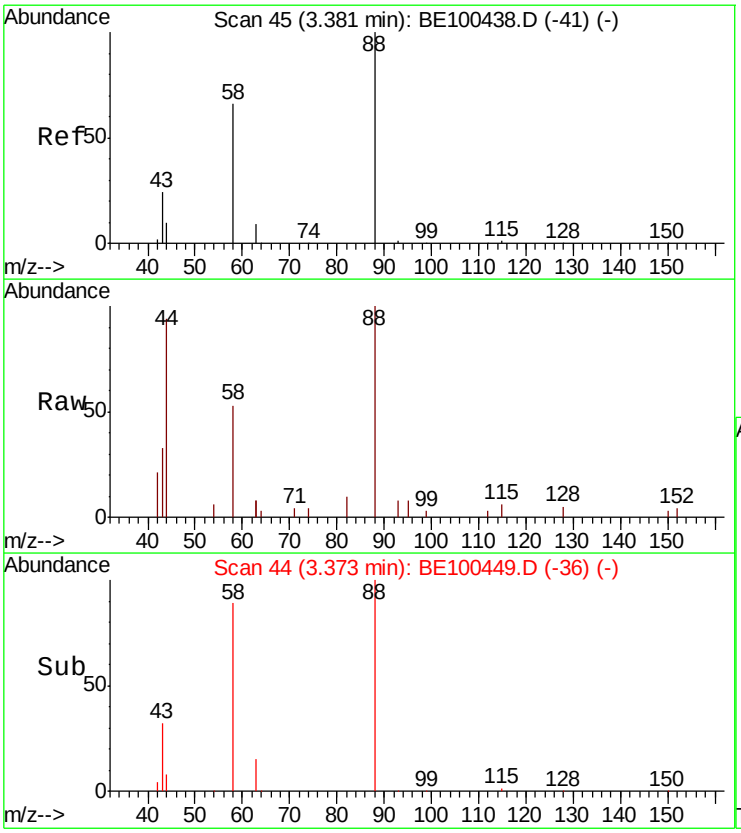
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3771

Ion	Ratio	Lower	Upper
152	100		
150	148.7	121.7	182.5
115	64.9	52.4	78.6

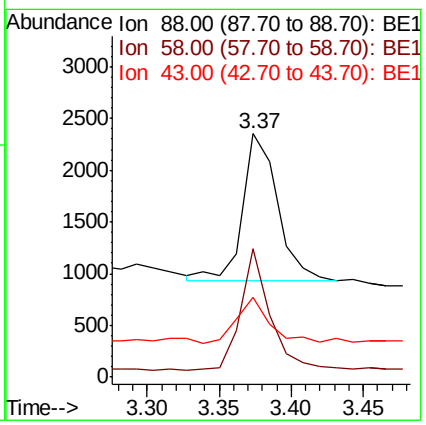


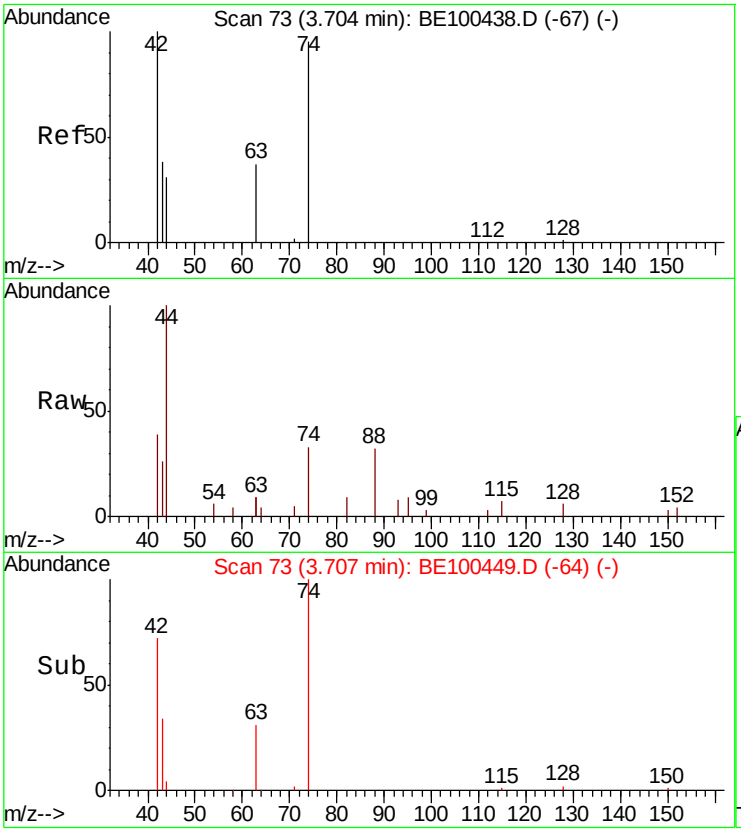


#2
1,4-Dioxane
Concen: 0.408 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion: 88 Resp: 2356

Ion	Ratio	Lower	Upper
88	100		
58	69.6	57.8	86.8
43	30.7	25.0	37.6



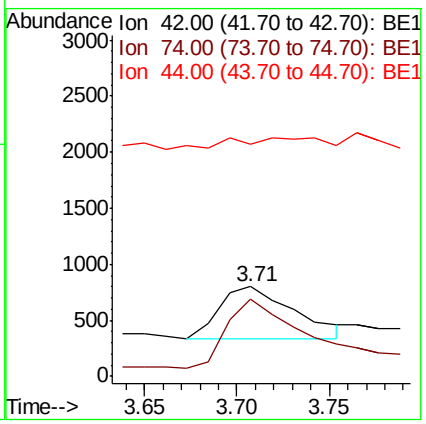


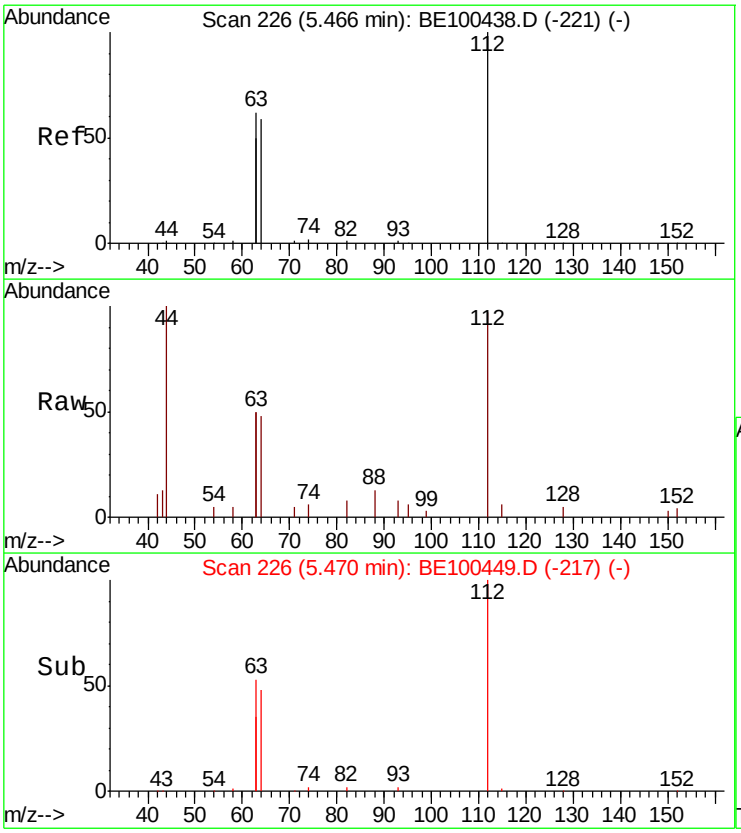
#3
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1288

Ion	Ratio	Lower	Upper
42	100		
74	136.3	85.3	127.9#
44	29.3	21.8	32.8

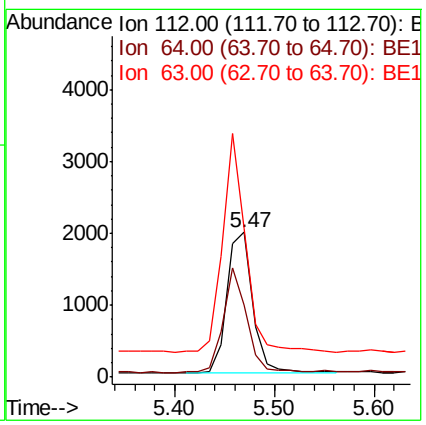


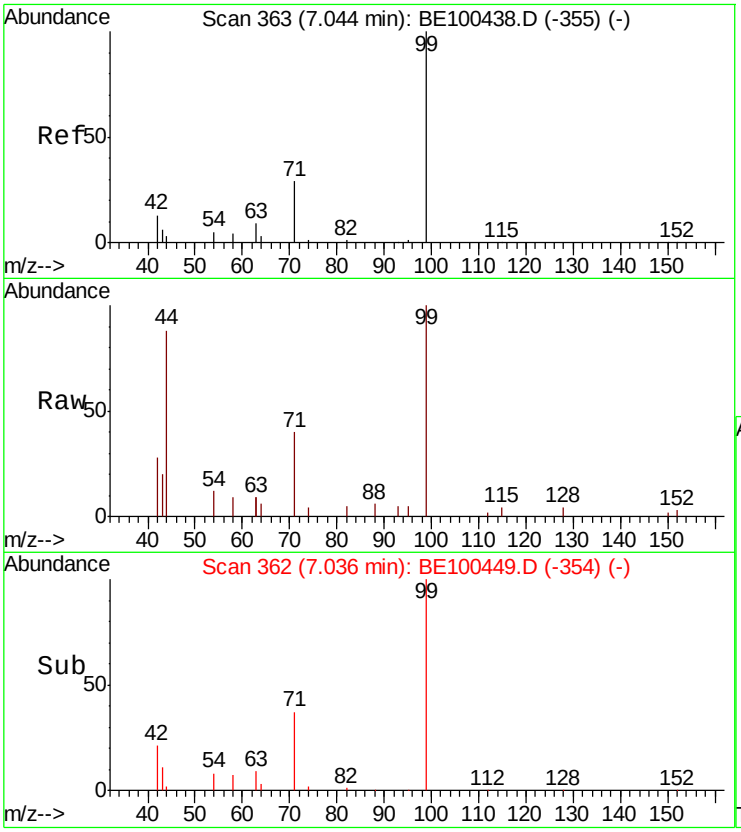


#4
2-Fluorophenol
Concen: 0.491 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:112 Resp: 3520

Ion	Ratio	Lower	Upper
112	100		
64	67.2	55.0	82.4
63	137.8	114.8	172.2



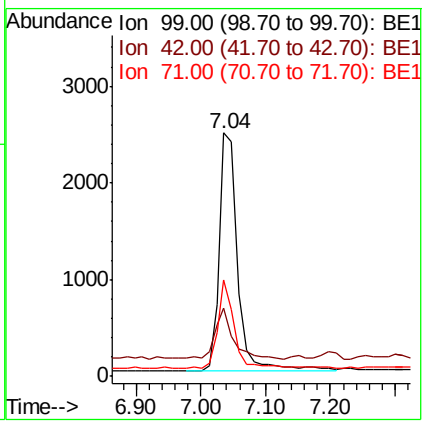


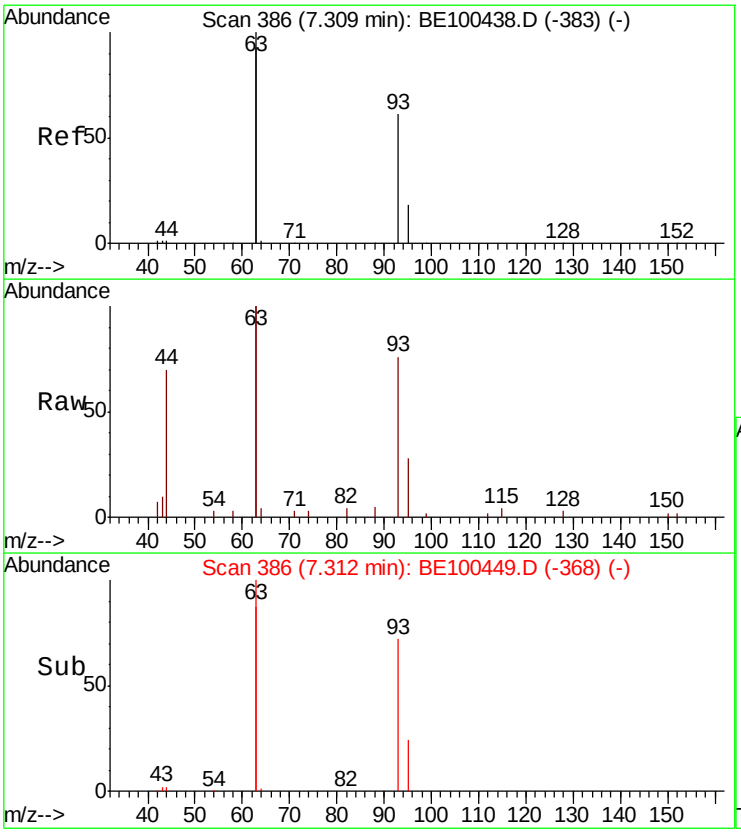
#5
Phenol-d6
Concen: 0.465 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4926

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.2
71	33.1	28.2	42.4

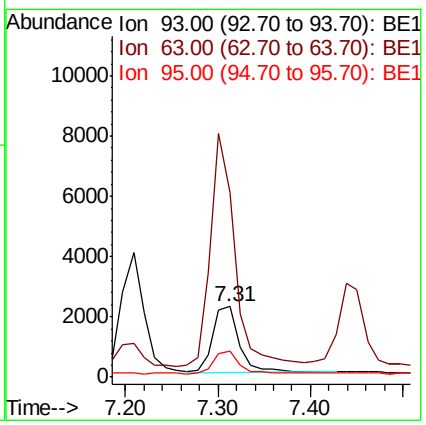


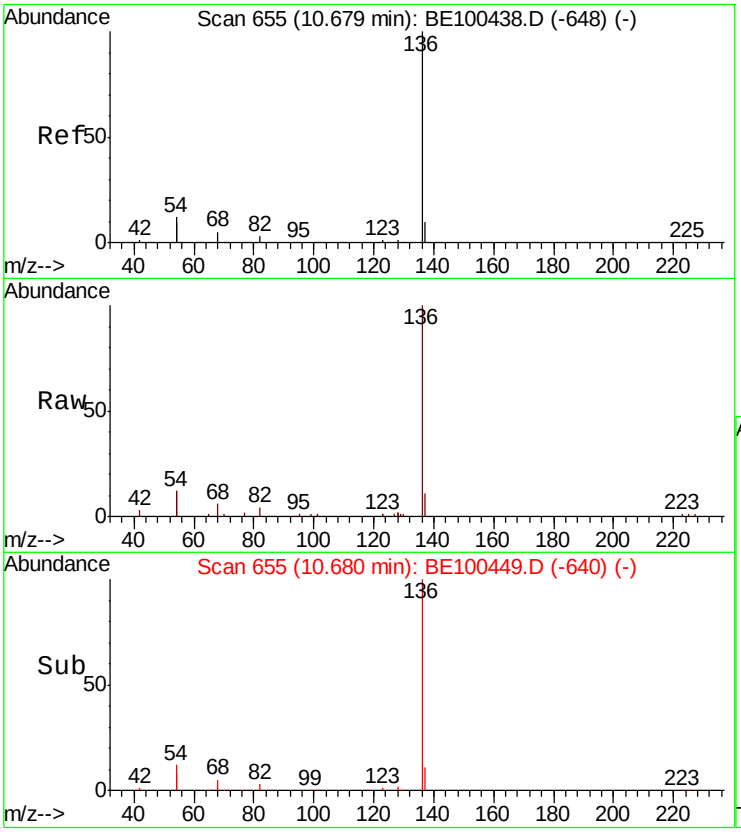


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion: 93 Resp: 4428

Ion	Ratio	Lower	Upper
93	100		
63	317.1	266.9	400.3
95	32.2	26.8	40.2



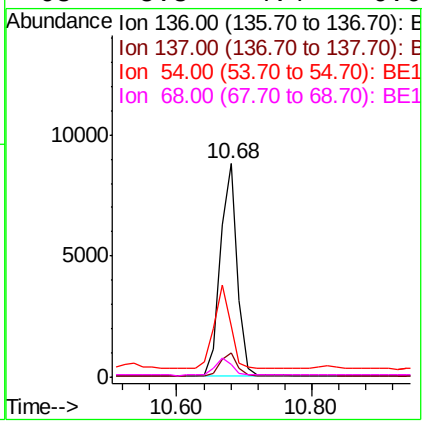


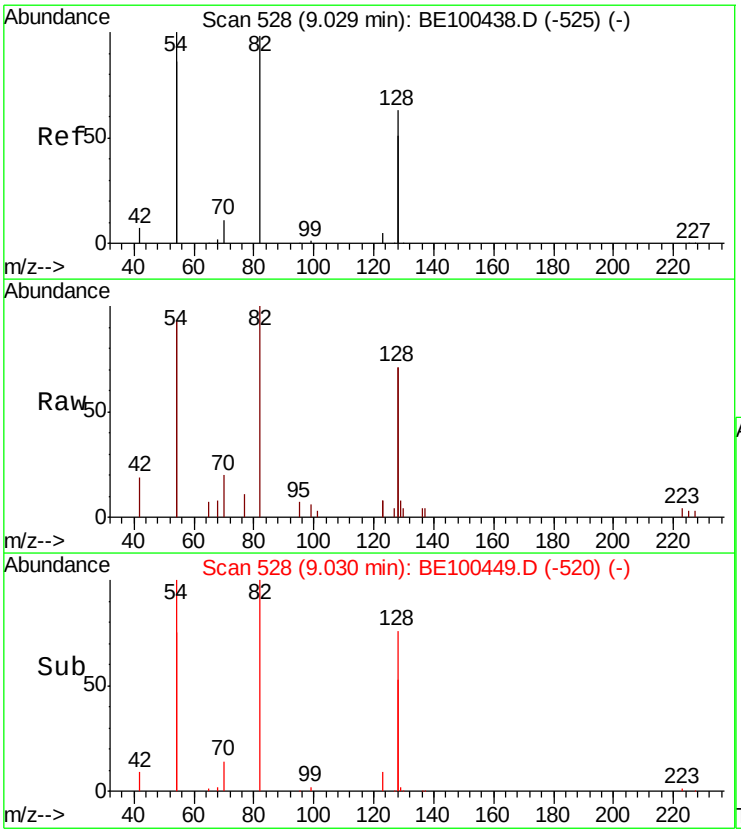
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 15528

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	24.3	19.6	29.4
68	5.8	4.4	6.6

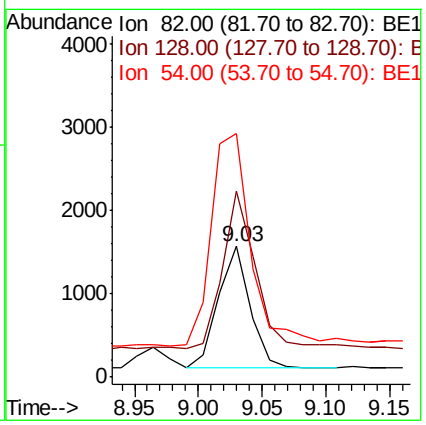


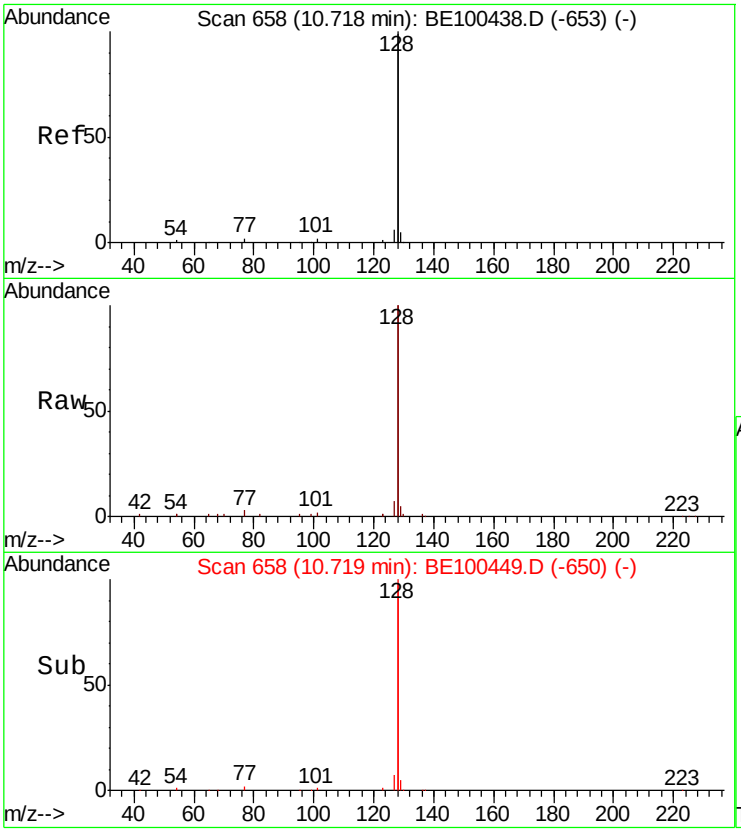


#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion: 82 Resp: 2546

Ion	Ratio	Lower	Upper
82	100		
128	142.2	97.9	146.9
54	186.4	155.0	232.6



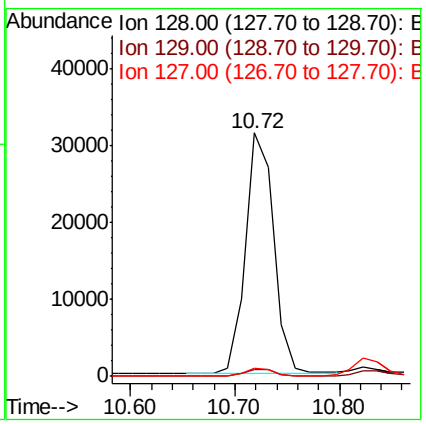


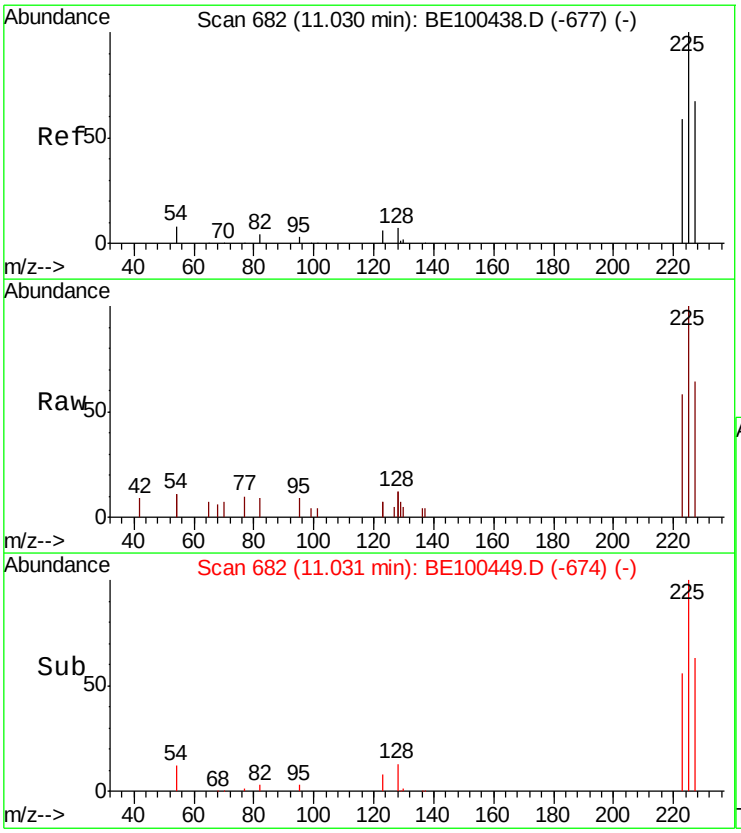
#9
Naphthalene
Concen: 0.391 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 59134

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.5	2.7	4.1

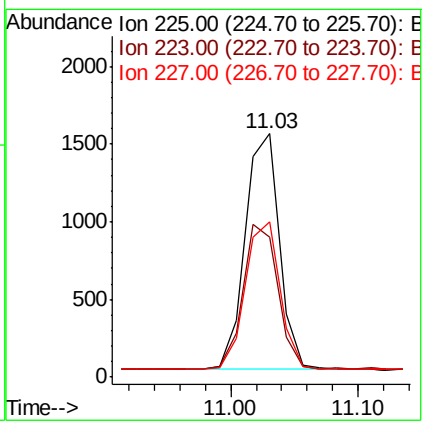


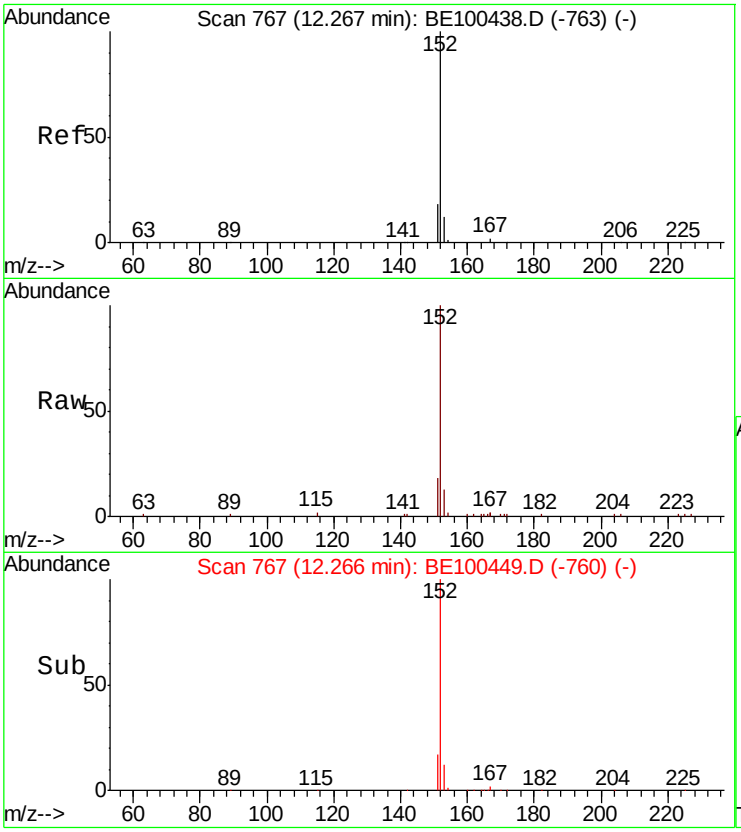


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 11.03 min Scan# 682
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:225 Resp: 2818

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	63.9	52.3	78.5



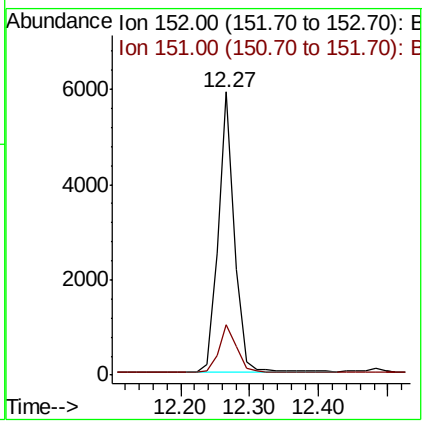


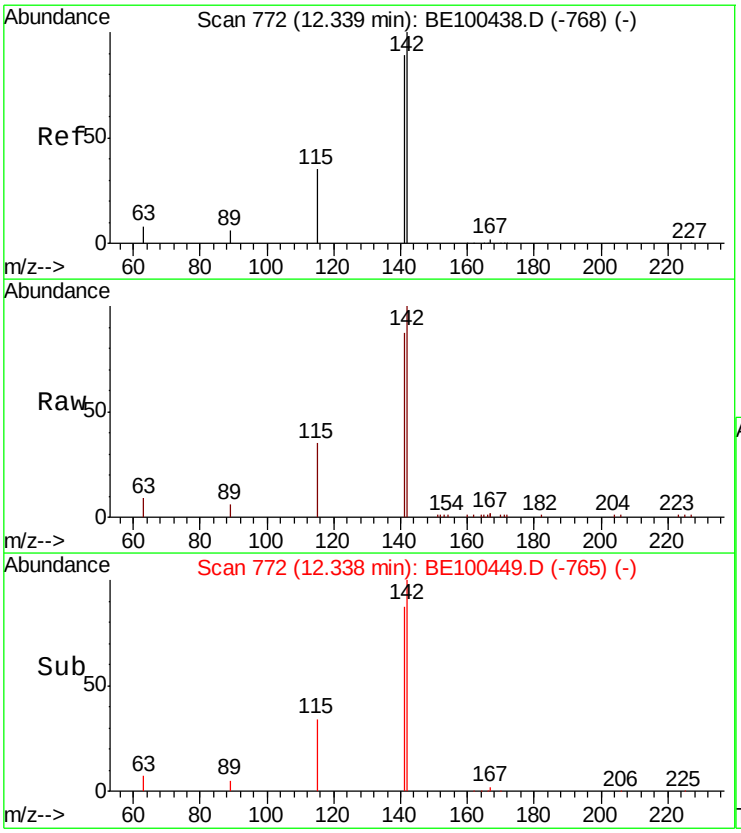
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9705

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.0	24.0

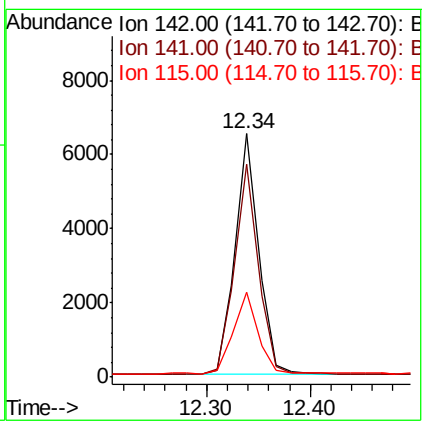


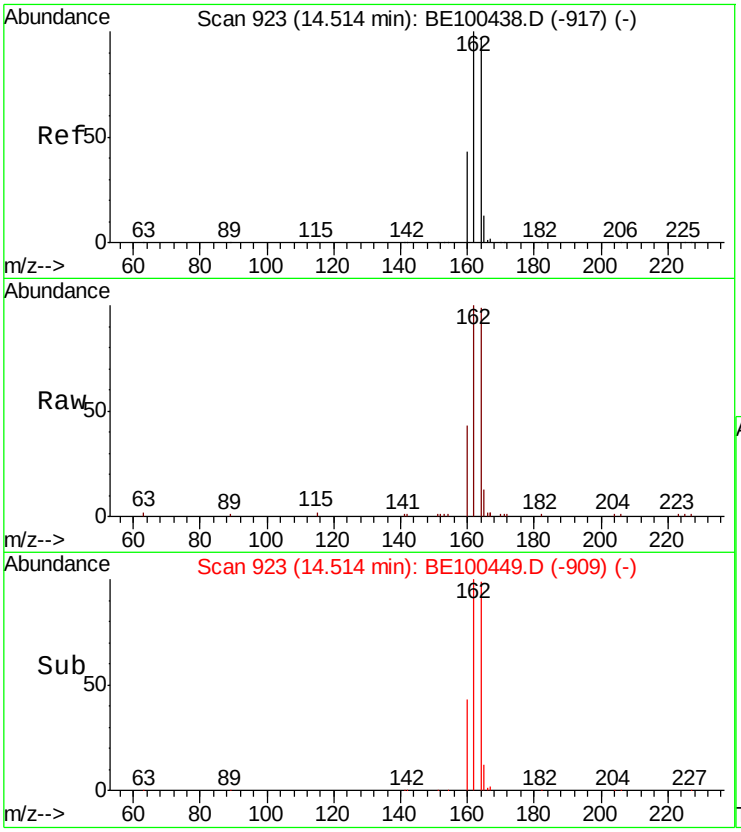


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:142 Resp: 10328

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.9	106.3
115	34.9	29.0	43.4



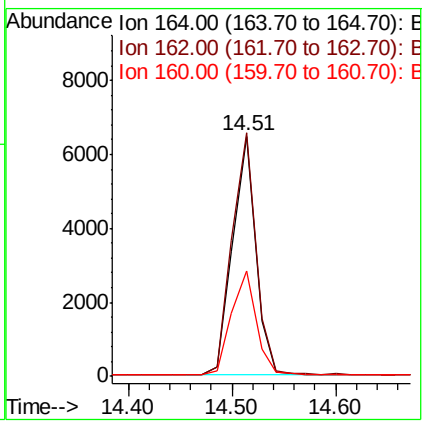


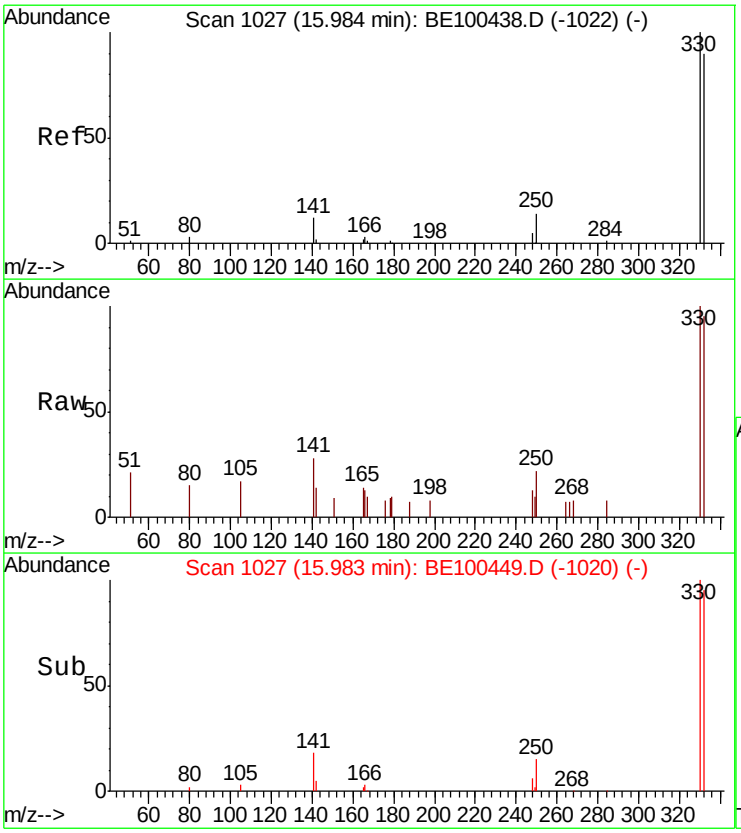
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9946

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	124.0
160	43.9	35.6	53.4

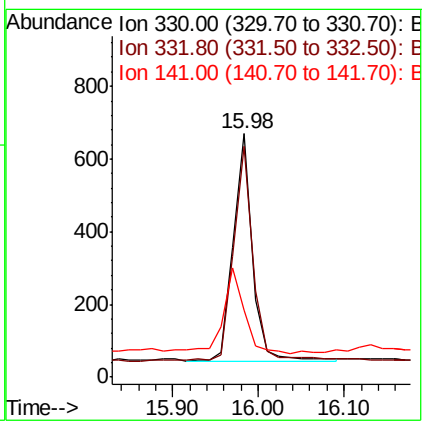


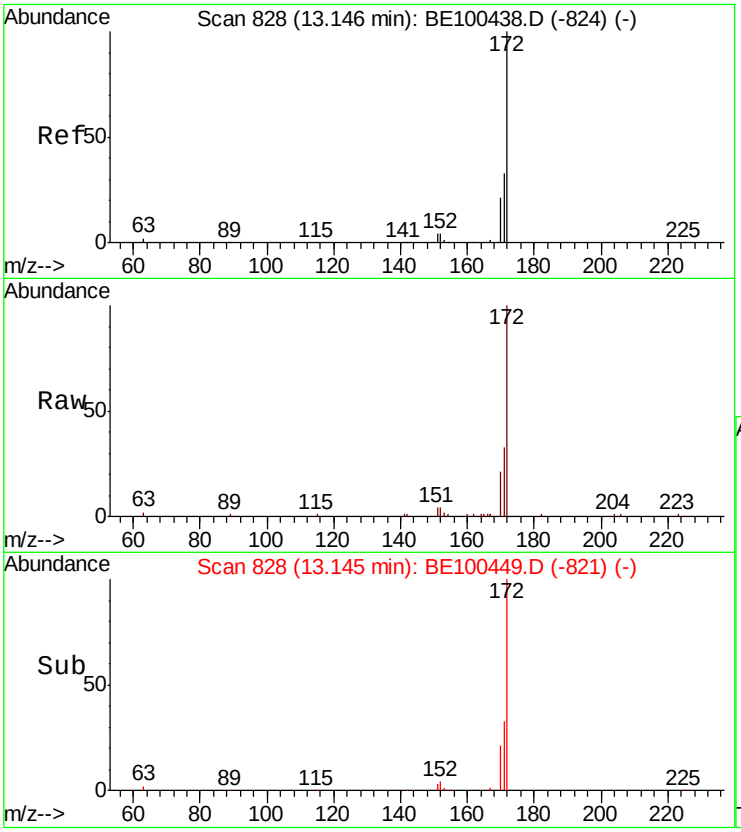


#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:330 Resp: 975

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.3	114.5
141	39.6	28.1	42.1



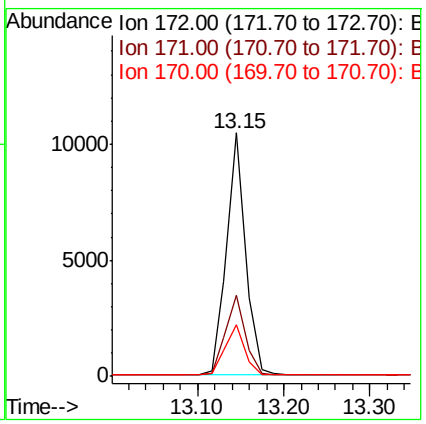


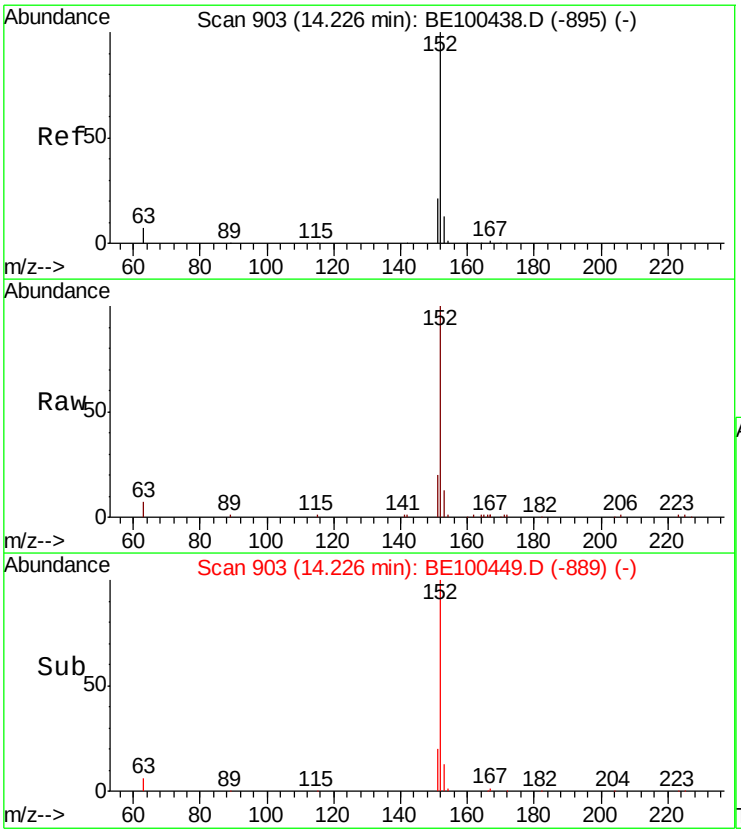
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 15895

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.0	40.4
170	21.3	17.4	26.0

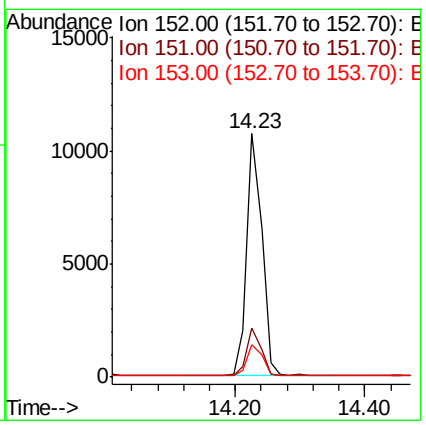


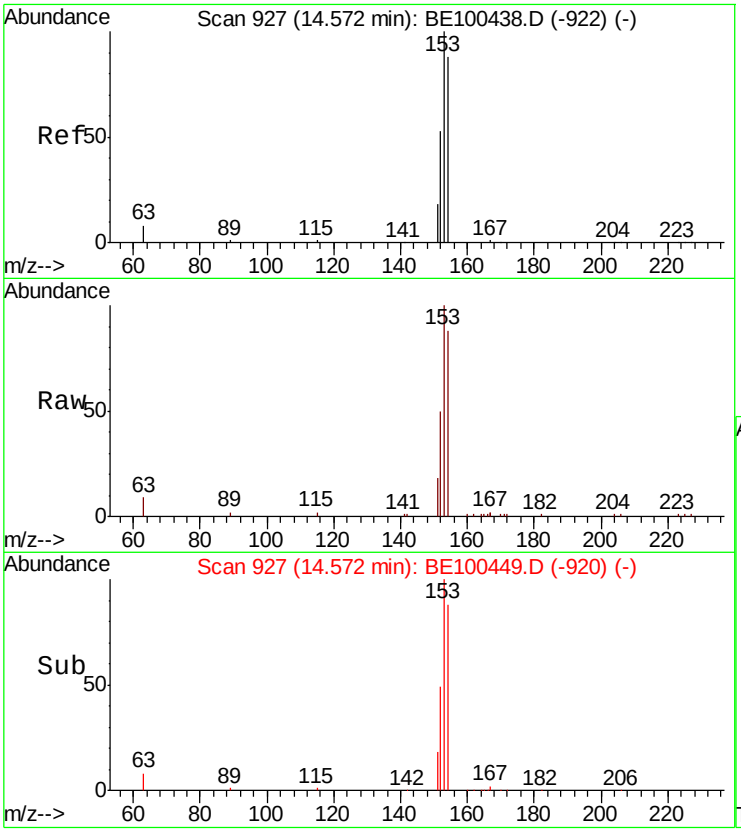


#16
Acenaphthylene
Concen: 0.432 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:152 Resp: 17383

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	13.3	10.4	15.6



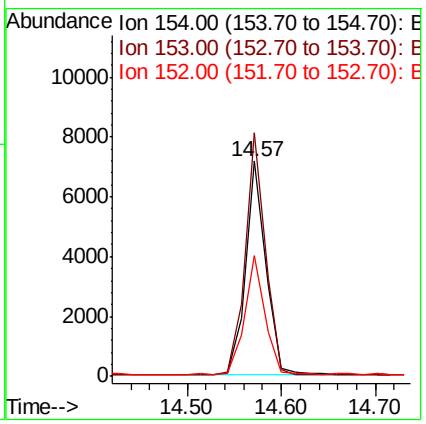


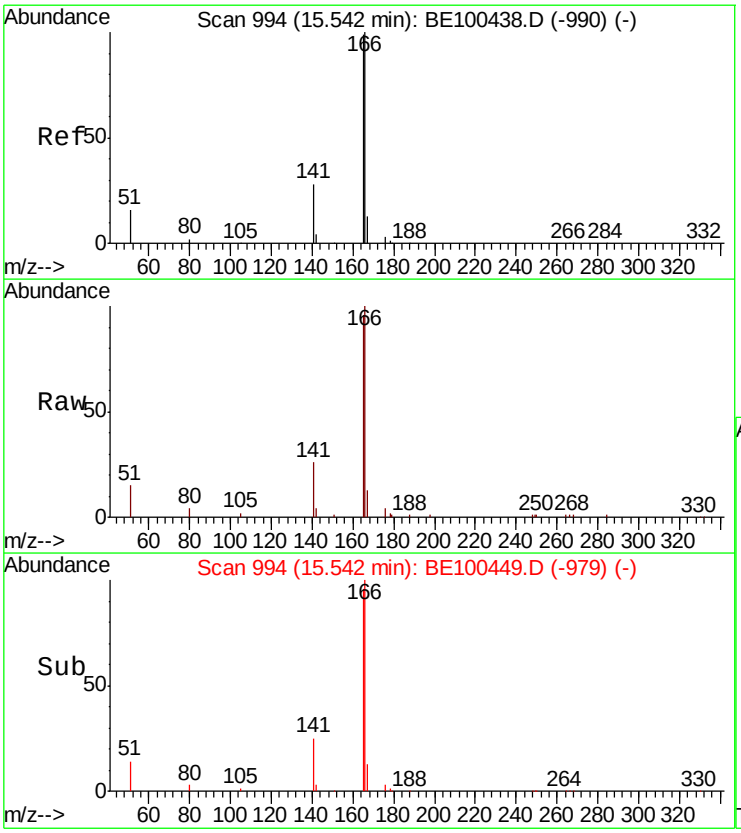
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10602

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.0	136.4
152	55.6	49.4	74.2

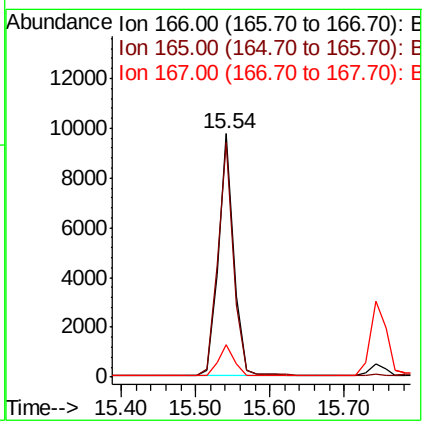


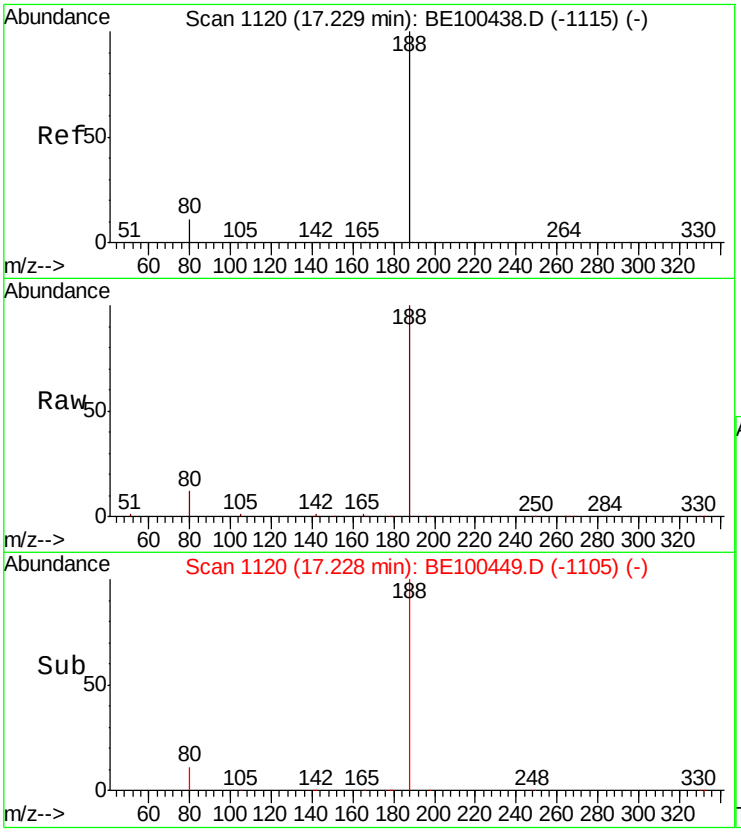


#18
Fluorene
Concen: 0.400 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:166 Resp: 14263

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.6	119.4
167	13.2	10.6	15.8



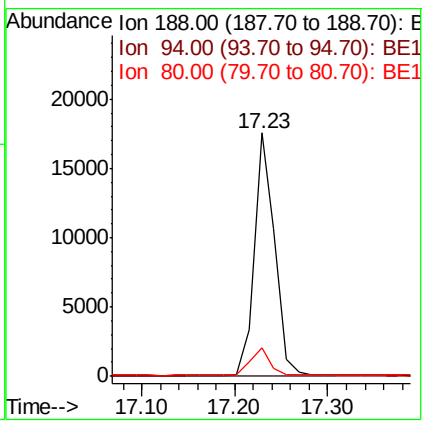


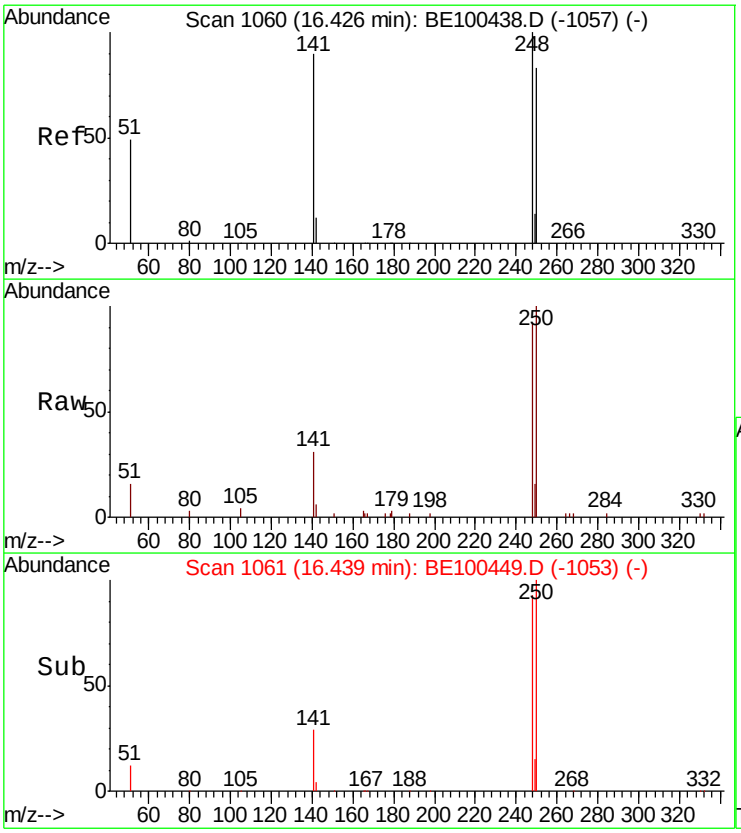
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 26605

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	9.2	13.8

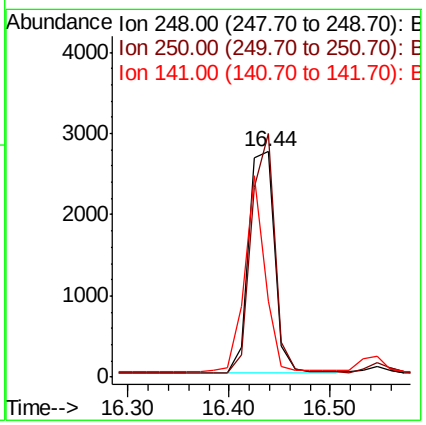


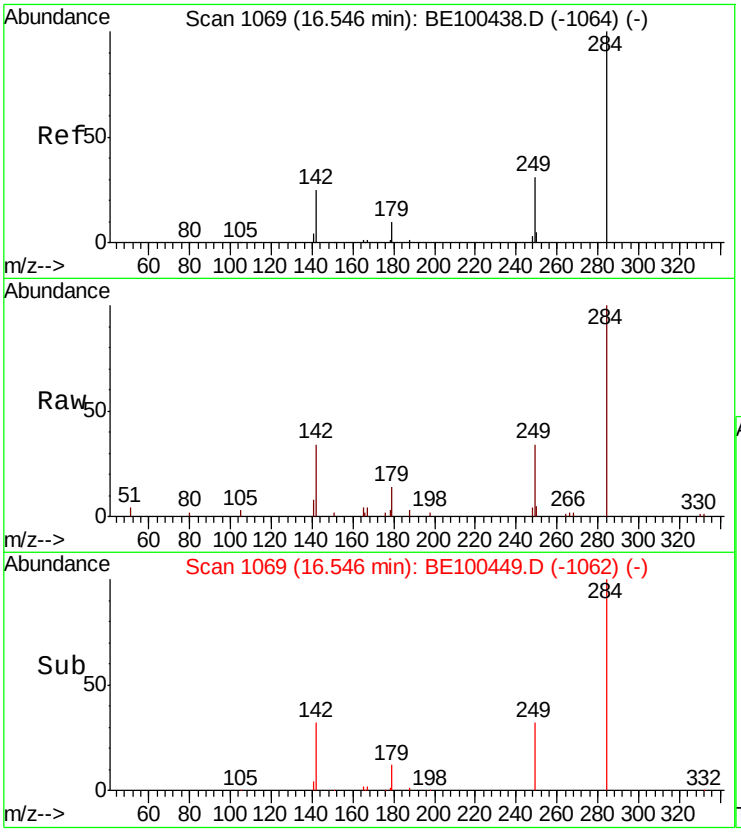


#20
4-Bromophenyl-phenylether
Concen: 0.355 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:248 Resp: 4929

Ion	Ratio	Lower	Upper
248	100		
250	108.1	67.1	100.7#
141	33.5	72.2	108.2#



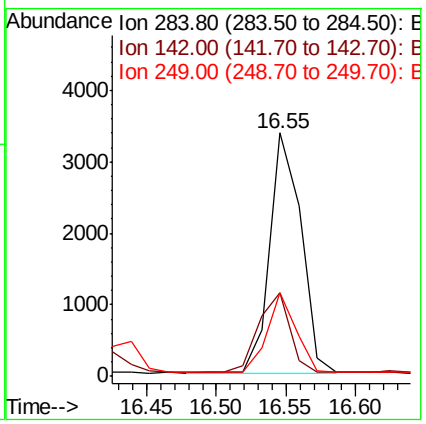


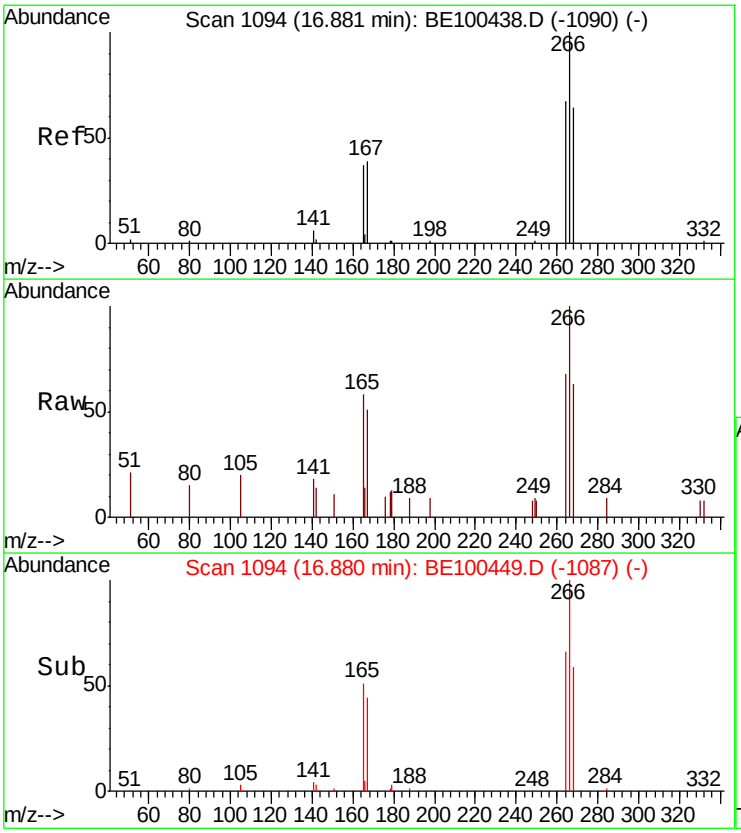
#21
Hexachlorobenzene
Concen: 0.322 ng
RT: 16.55 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5227

Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.6	38.4
249	30.9	25.1	37.7

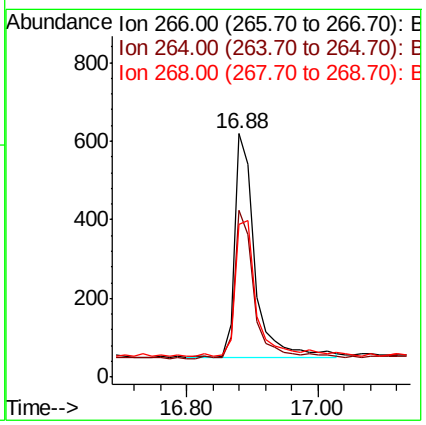


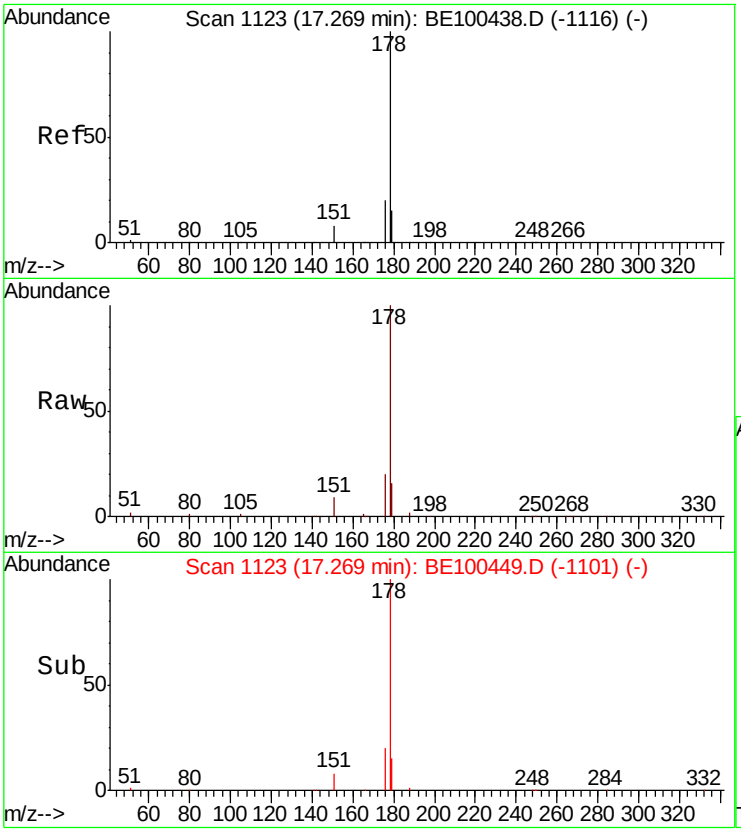


#22
Pentachlorophenol
Concen: 0.499 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:266 Resp: 1212

Ion	Ratio	Lower	Upper
266	100		
264	68.3	56.2	84.2
268	62.8	54.9	82.3



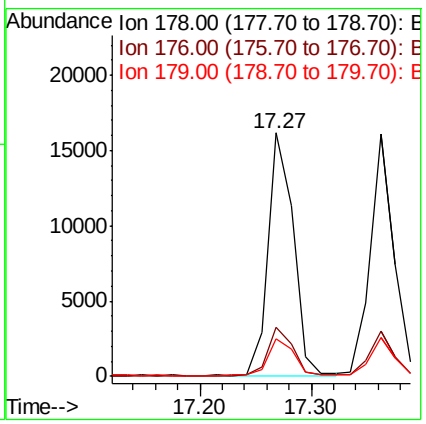


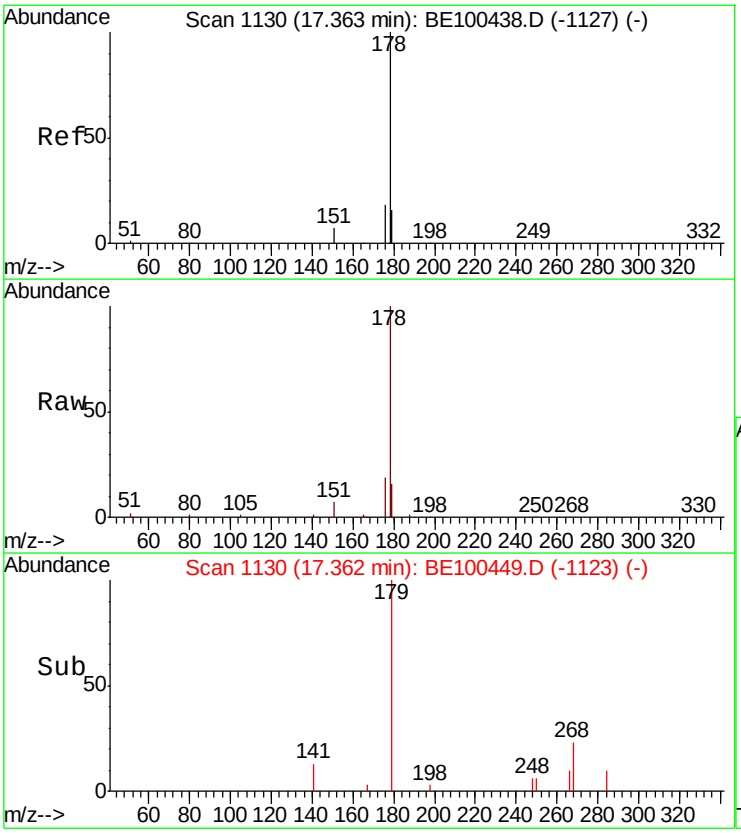
#23
Phenanthrene
Concen: 0.361 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 25608

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.4	12.4	18.6

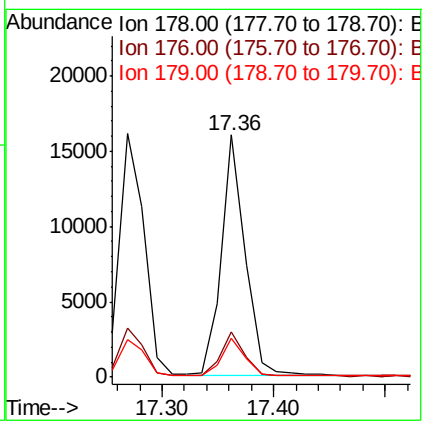


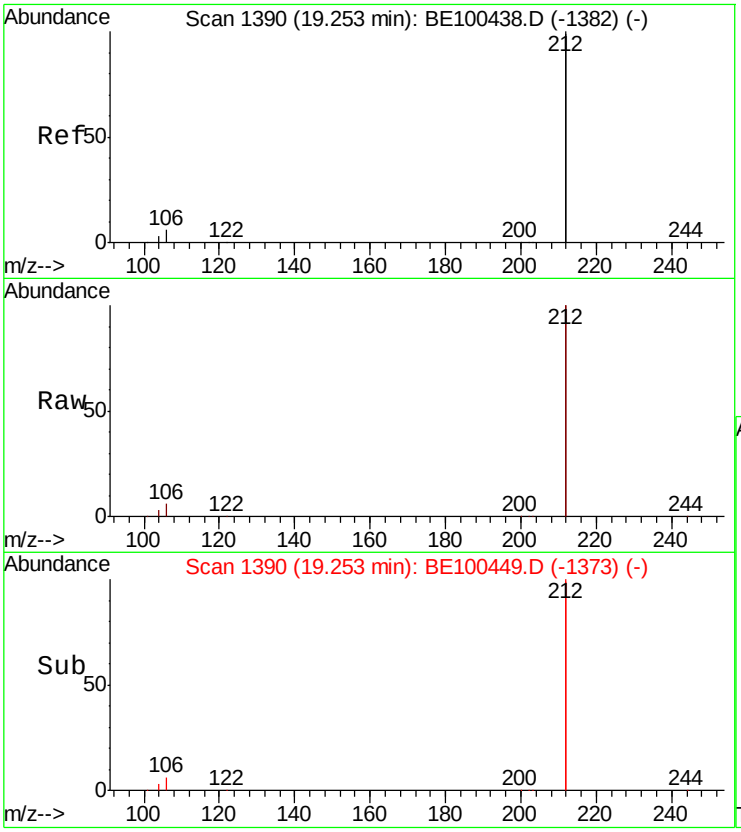


#24
Anthracene
Concen: 0.402 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:178 Resp: 23507

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.3	18.5



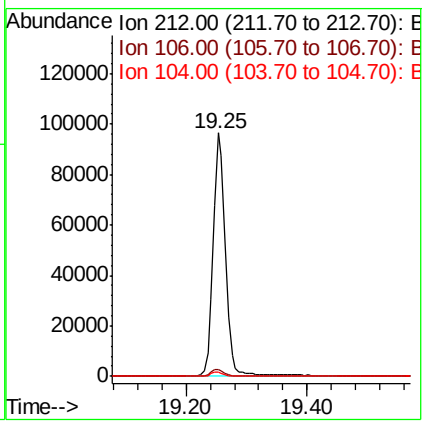


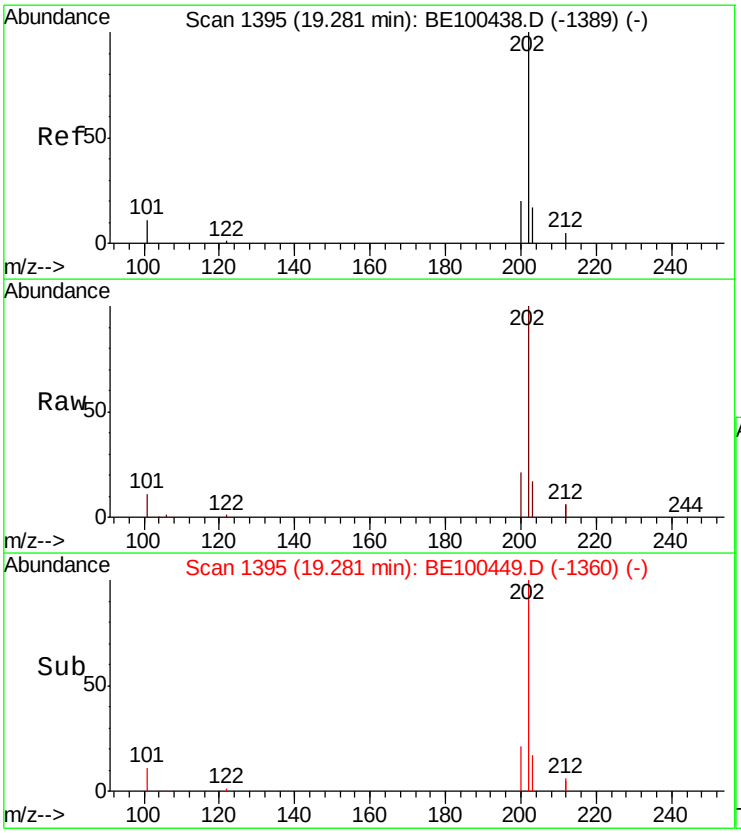
#25
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 135322

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.6	3.8
104	1.6	1.4	2.2

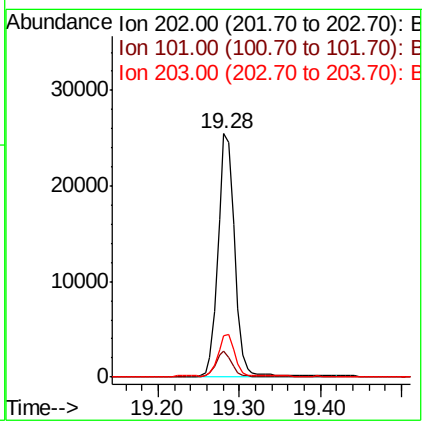


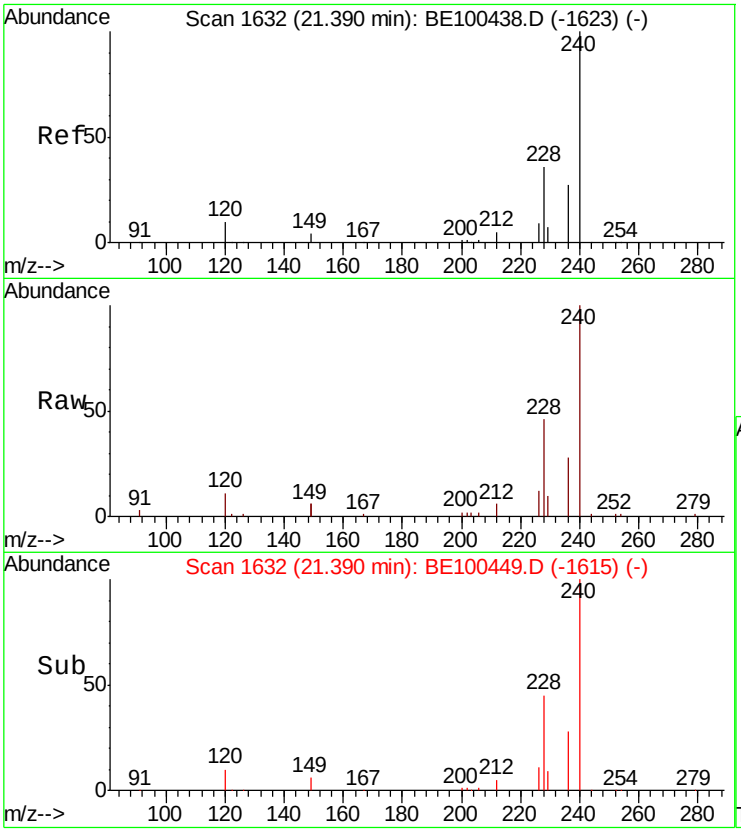


#26
Fluoranthene
Concen: 0.395 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:202 Resp: 35587

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.9	13.3
203	17.1	13.8	20.6



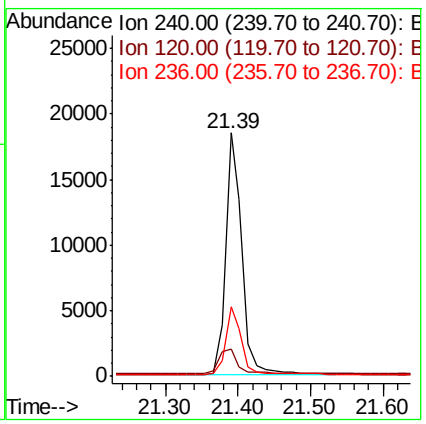


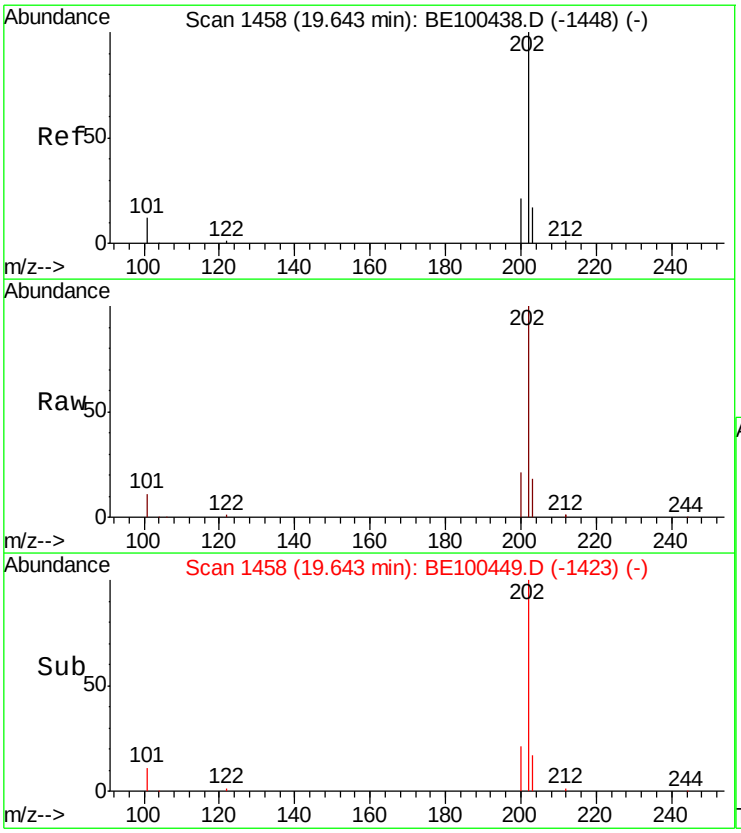
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 29301

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	28.4	22.0	33.0

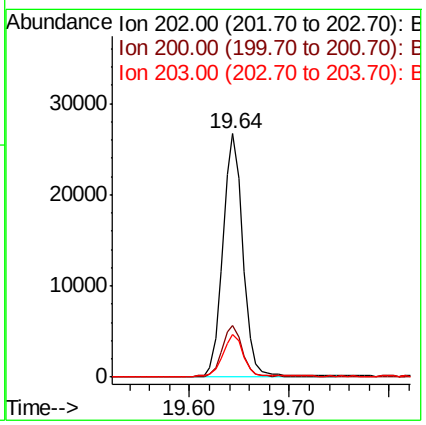


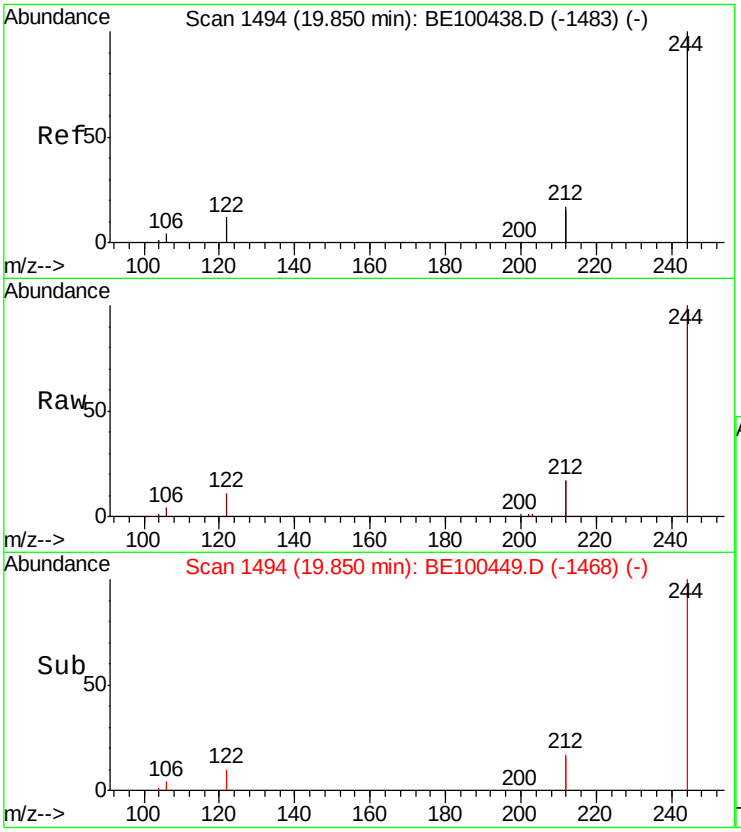


#28
Pyrene
Concen: 0.428 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:202 Resp: 36675

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.5	13.8	20.8



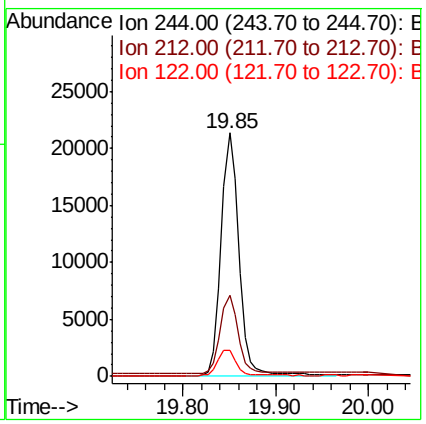


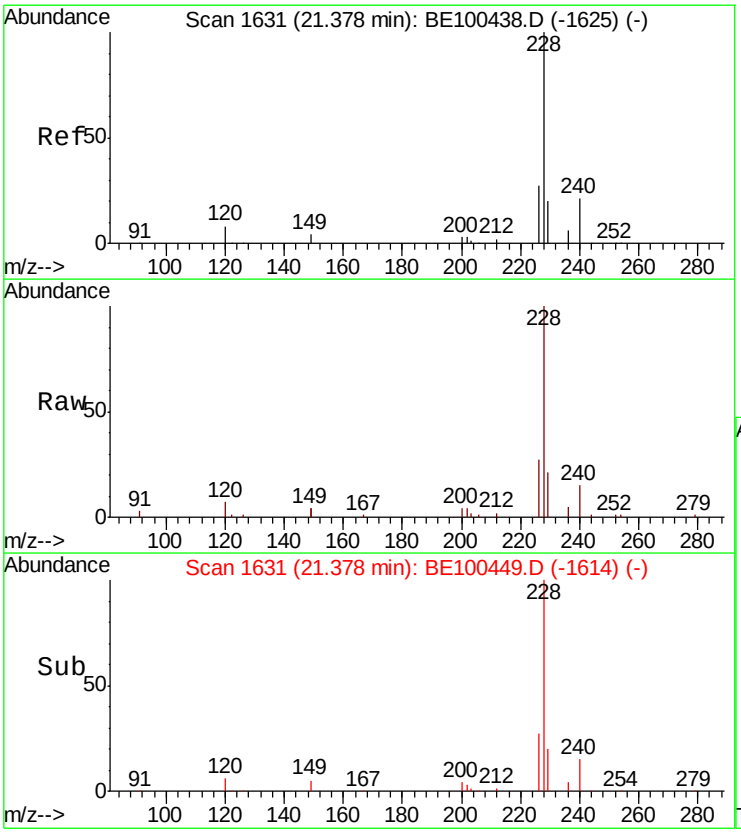
#29
Terphenyl-d14
Concen: 0.393 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 28248

Ion	Ratio	Lower	Upper
244	100		
212	33.2	26.3	39.5
122	10.7	9.4	14.2

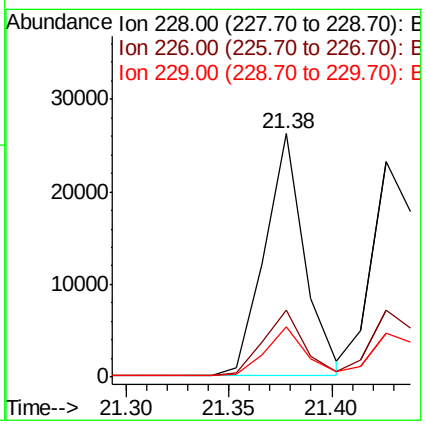


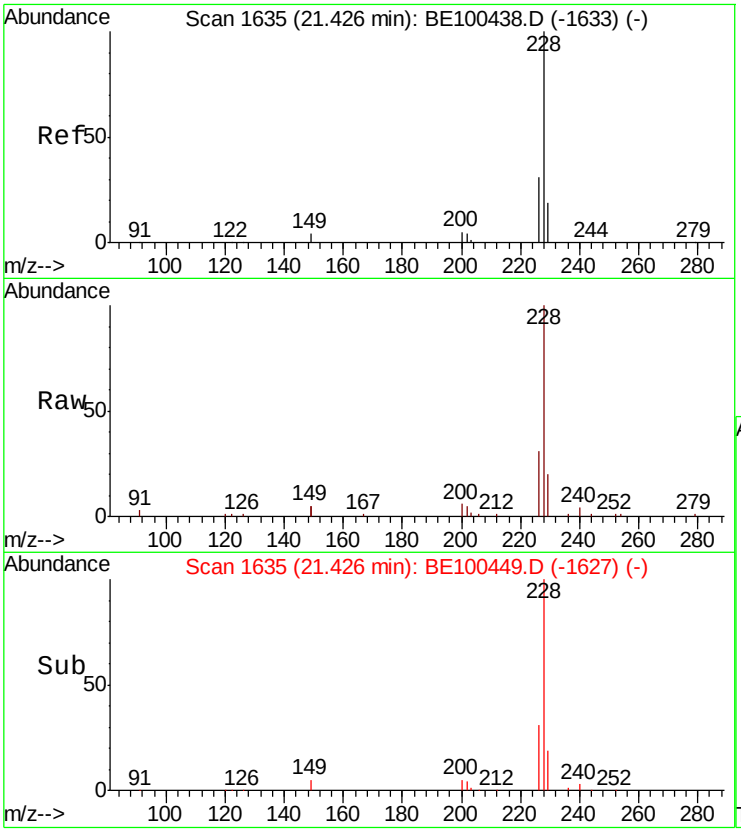


#30
Benzo(a)anthracene
Concen: 0.448 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:228 Resp: 35598

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.6	32.4
229	20.6	15.8	23.8



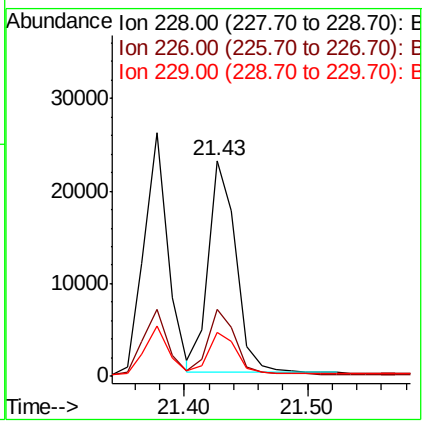


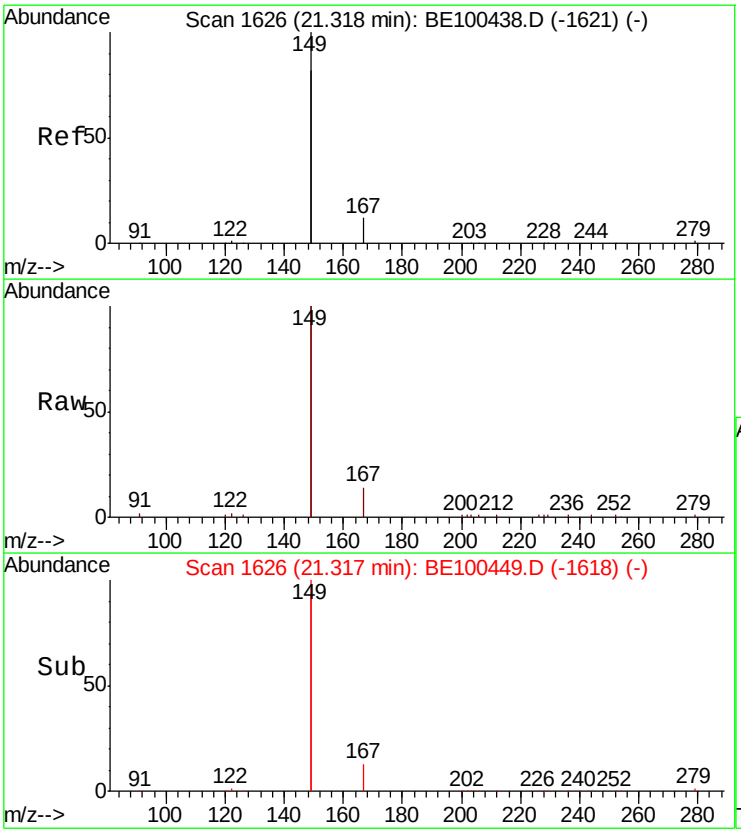
#31
Chrysene
Concen: 0.379 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 35812

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.2	15.8	23.6

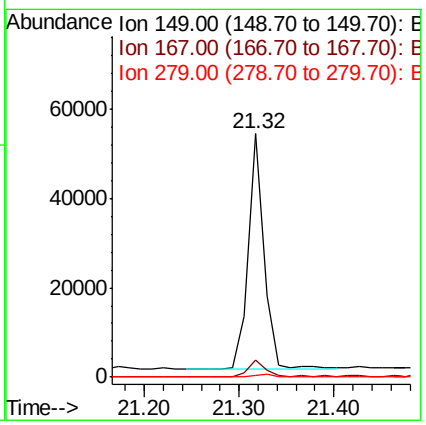


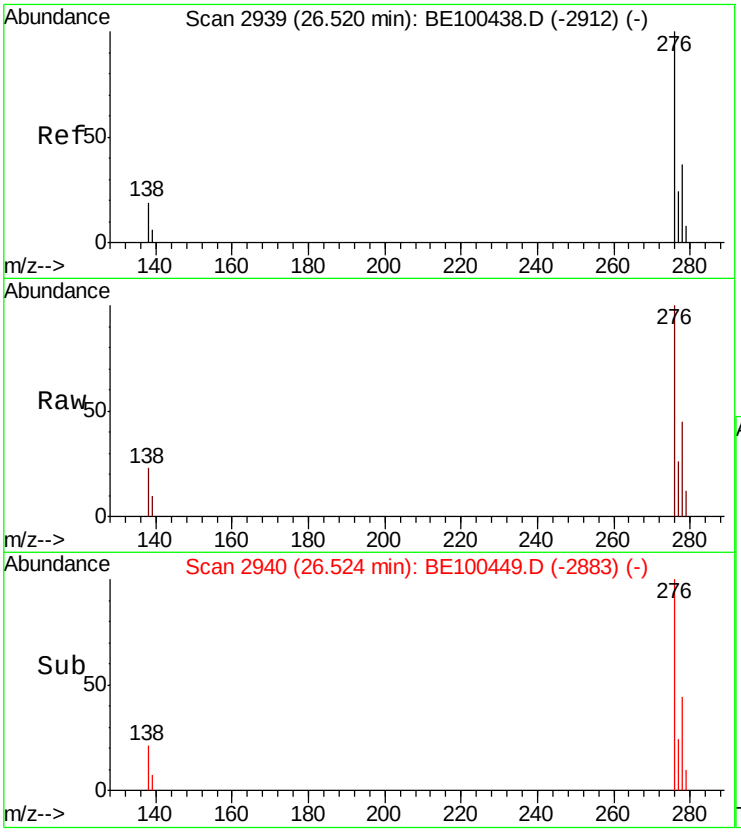


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.069 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:149 Resp: 60964

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.0	7.6
279	0.9	1.2	1.8#



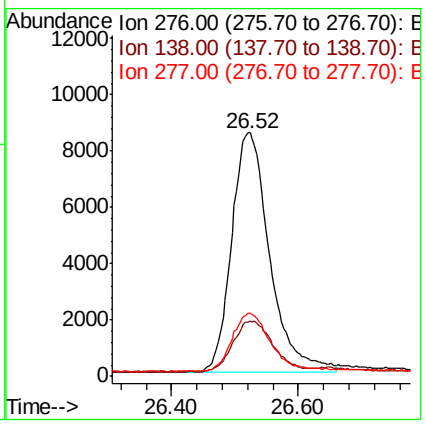


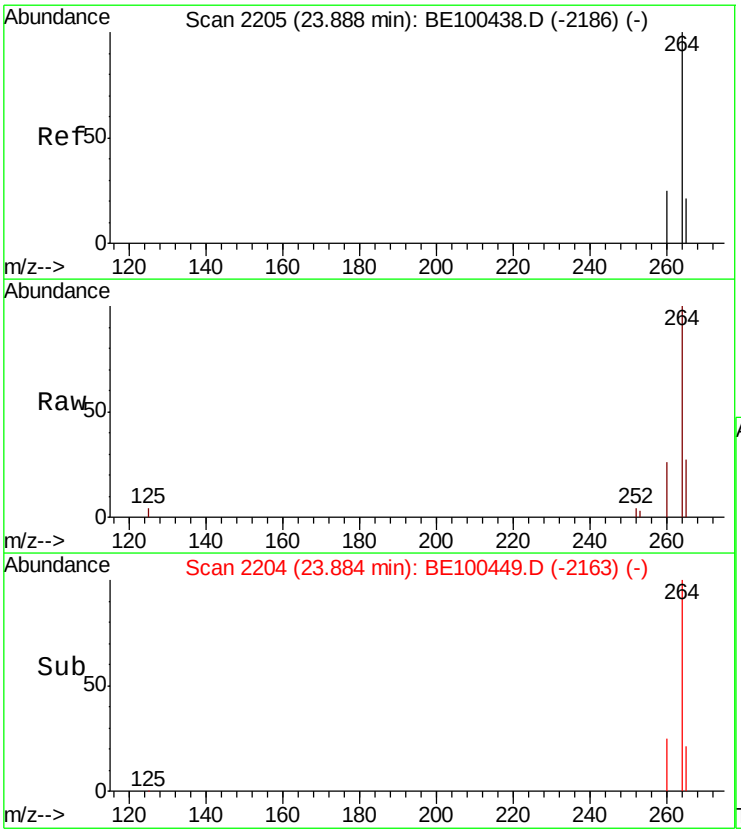
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 35520

Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.0	25.6
277	24.4	19.8	29.6

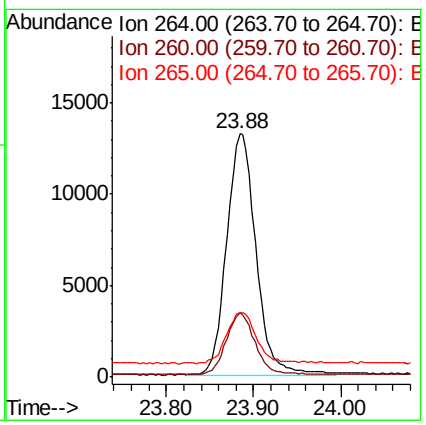


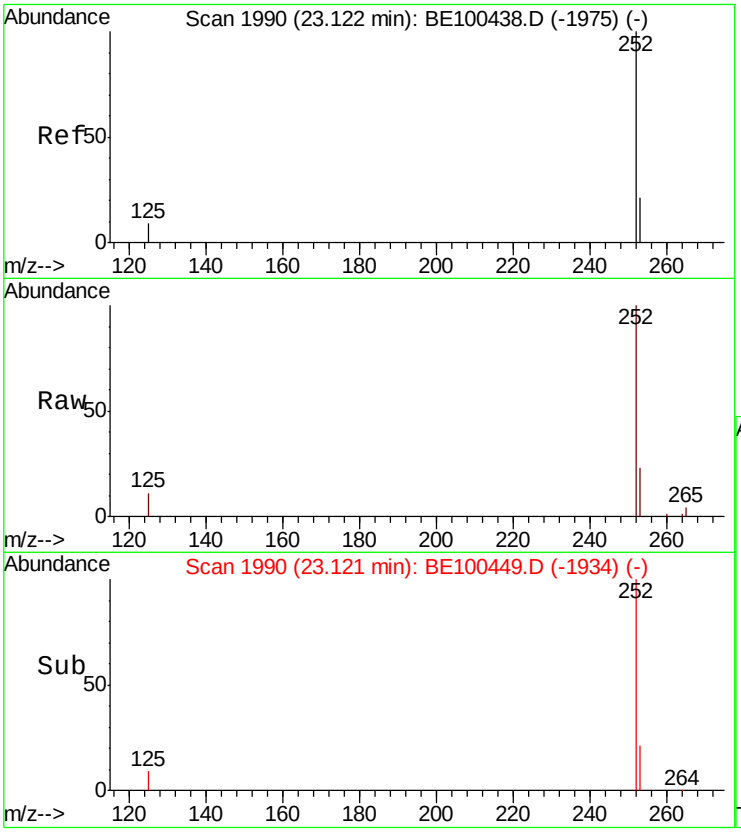


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:264 Resp: 30845

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.0	30.0
265	26.6	22.2	33.4



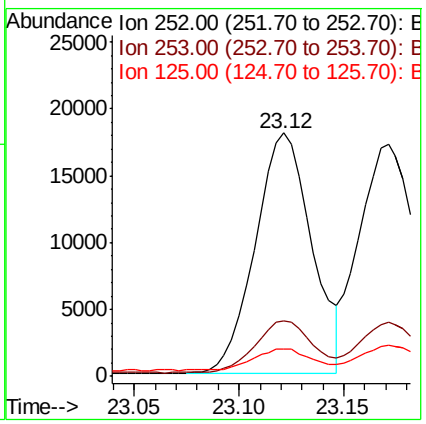


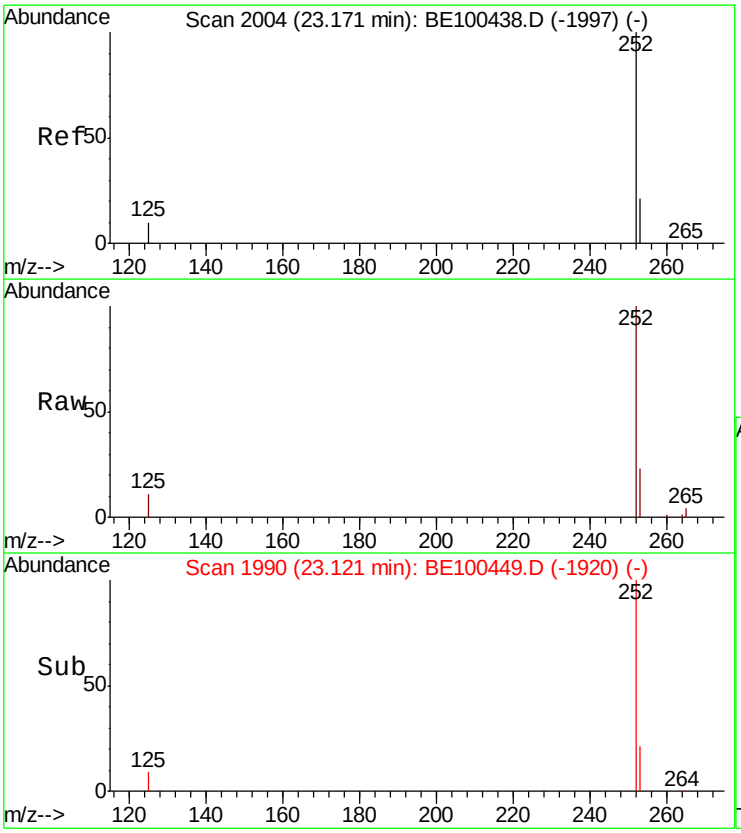
#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 33746

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.5	8.0	12.0

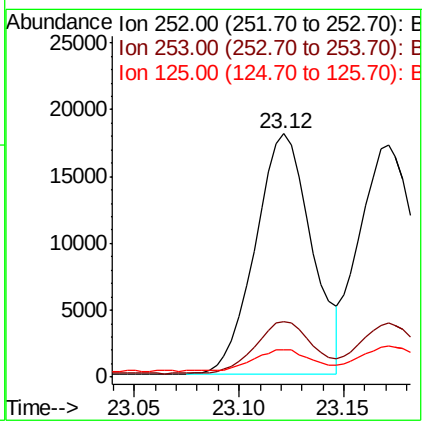


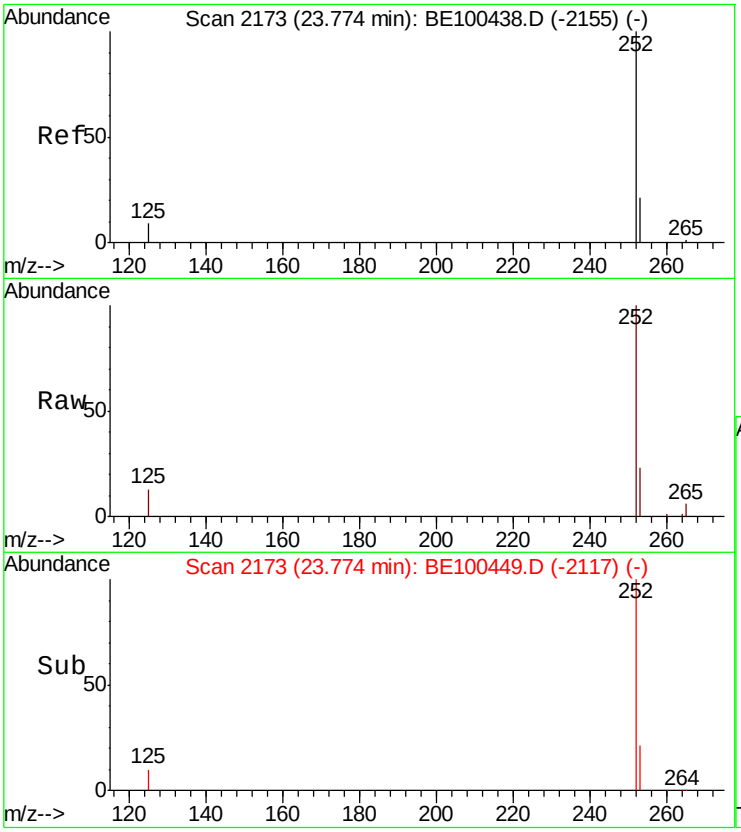


#36
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.05 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:252 Resp: 33746

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	11.5	8.3	12.5



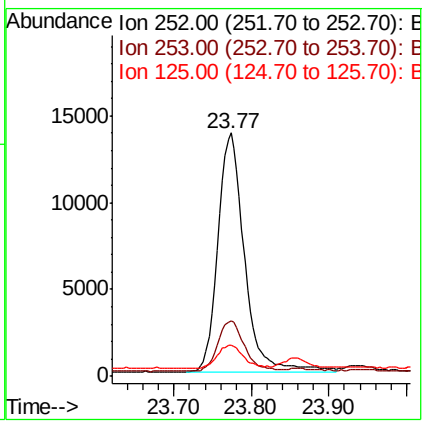


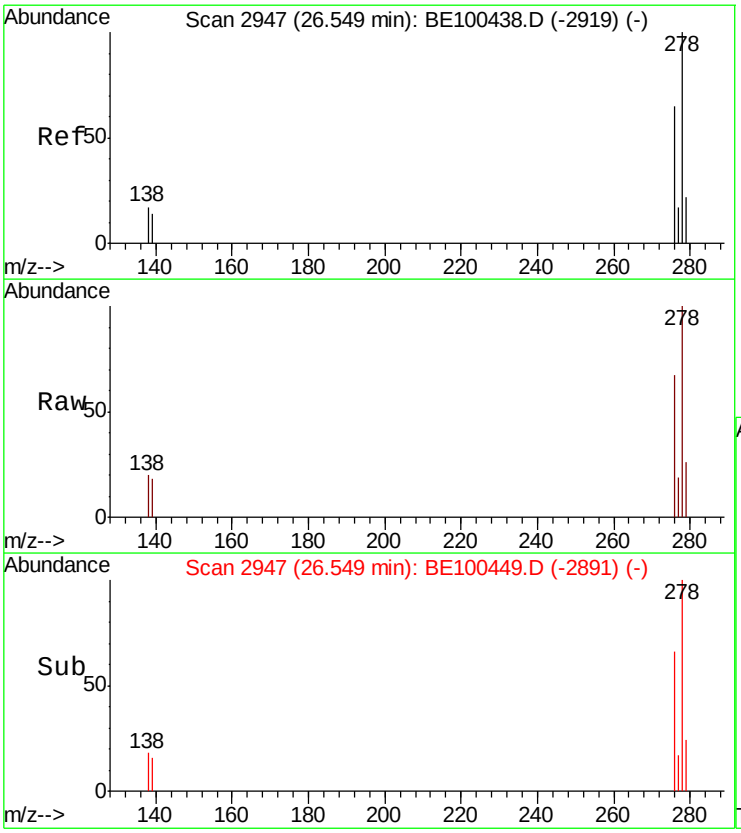
#37
Benzo(a)pyrene
Concen: 0.424 ng
RT: 23.77 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 32858

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.0	9.0	13.6

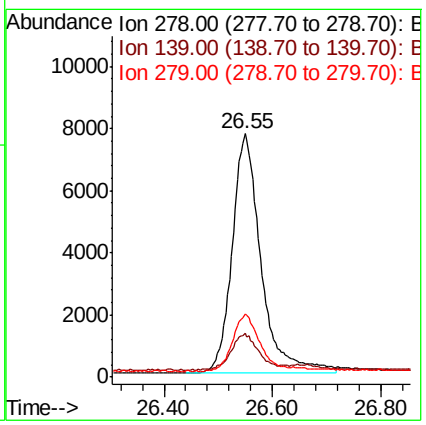


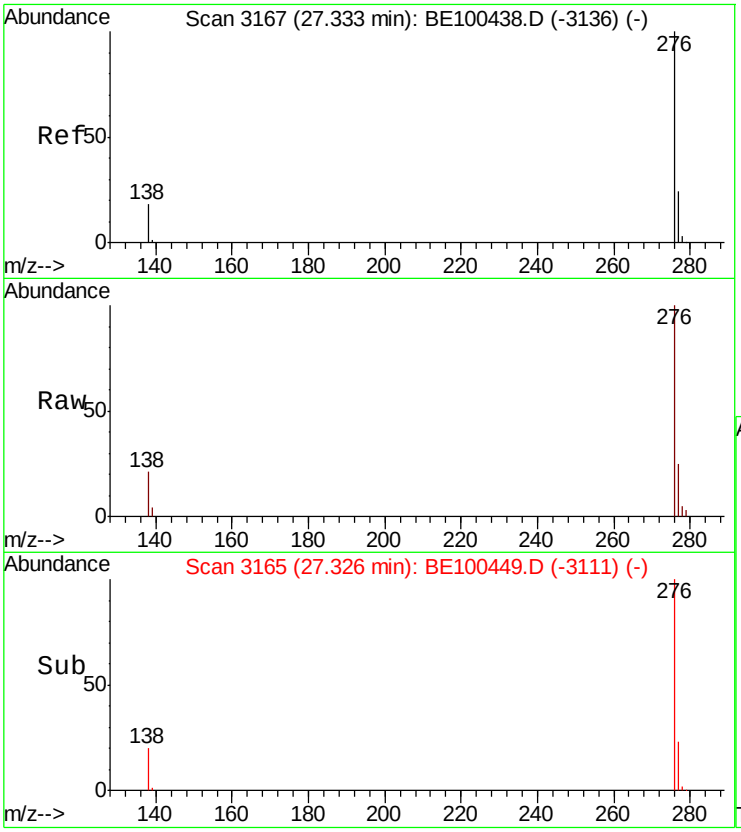


#38
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 26.55 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Tgt Ion:278 Resp: 28757

Ion	Ratio	Lower	Upper
278	100		
139	18.3	12.2	18.2#
279	26.0	18.6	27.8





#39
Benzo(g,h,i)perylene
Concen: 0.345 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE100449.D
Acq: 17 Jul 2019 14:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 29786

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	21.4	15.1	22.7