Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100668.D
Acq On : 23 Oct 2019 19:07
Operator : JU
Sample : PB124193BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 24 01:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3584	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14420	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8088	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	18537	0.40	ng	0.00
27) Chrysene-d12	21.35	240	24850	0.40	ng	0.00
34) Perylene-d12	23.83	264	34766	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2474	0.22	ng	0.00
5) Phenol-d6	7.01	99	2529	0.16	ng	0.00
8) Nitrobenzene-d5	8.99	82	3718	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11691	0.51	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1001	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	10259	0.35	ng	0.00
25) Fluoranthene-d10	19.22	212	84695	0.35	ng	0.00
29) Terphenyl-d14	19.82	244	20779	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	1462	0.229	ng	# 44
3) n-Nitrosodimethylamine	3.69	42	1503	0.222	ng	# 60
6) bis(2-Chloroethyl)ether	7.27	93	4108	0.321	ng	99
9) Naphthalene	10.68	128	47899	0.316	ng	100
10) Hexachlorobutadiene	10.98	225	1627	0.247	ng	98
12) 2-Methylnaphthalene	12.29	142	7866	0.304	ng	98
16) Acenaphthylene	14.20	152	11537	0.331	ng	99
17) Acenaphthene	14.53	154	7099	0.316	ng	97
18) Fluorene	15.50	166	9779	0.327	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	3054	0.324	ng	96
21) Hexachlorobenzene	16.52	284	2636	0.293	ng	99
22) Pentachlorophenol	16.85	266	1700	0.587	ng	98
23) Phenanthrene	17.24	178	17056	0.335	ng	99
24) Anthracene	17.32	178	14920	0.315	ng	99
26) Fluoranthene	19.25	202	21651	0.325	ng	100
28) Pyrene	19.61	202	22548	0.325	ng	100
30) Benzo(a)anthracene	21.34	228	26591	0.328	ng	99
31) Chrysene	21.39	228	26676	0.329	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	56328	0.332	ng	100
33) Indeno(1,2,3-cd)pyrene	26.43	276	39151	0.393	ng	99
35) Benzo(b)fluoranthene	23.07	252	32370	0.319	ng	100
36) Benzo(k)fluoranthene	23.12	252	33150	0.318	ng	97
37) Benzo(a)pyrene	23.72	252	31751	0.336	ng	99
38) Dibenzo(a,h)anthracene	26.46	278	33034	0.339	ng	99
39) Benzo(g,h,i)perylene	27.23	276	34273	0.349	ng	98

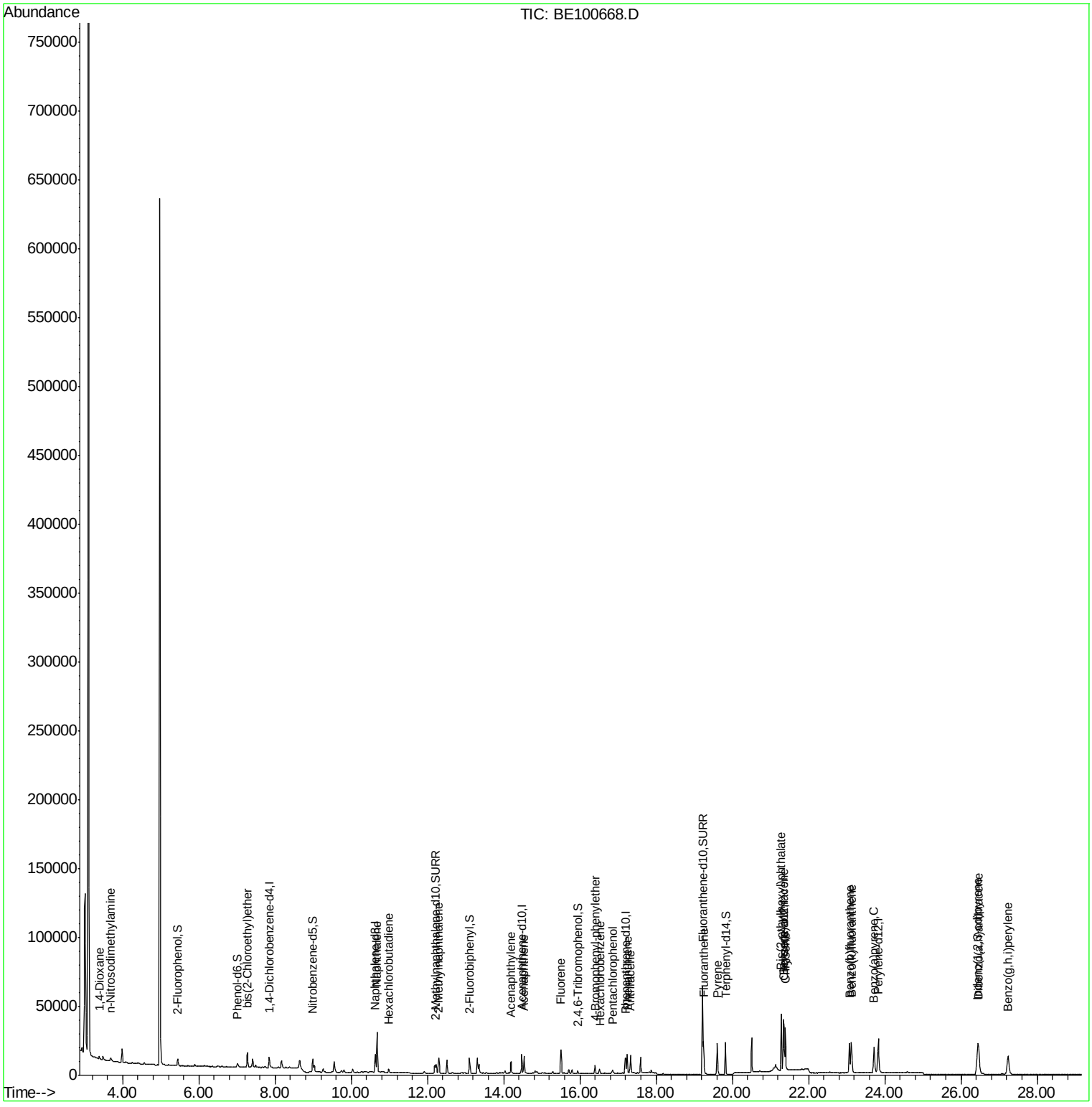
(#) = qualifier out of range (m) = manual integration (+) = signals summed

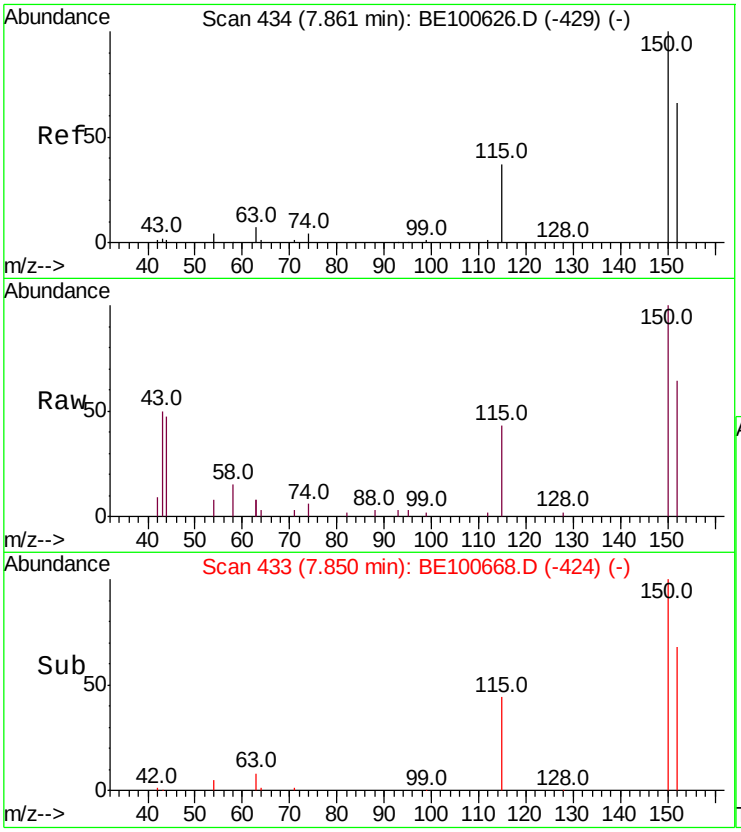
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100668.D
Acq On : 23 Oct 2019 19:07
Operator : JU
Sample : PB124193BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 24 01:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



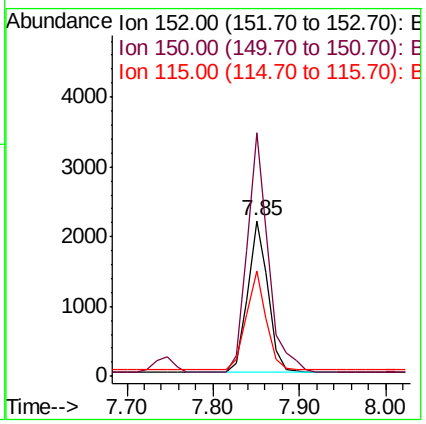


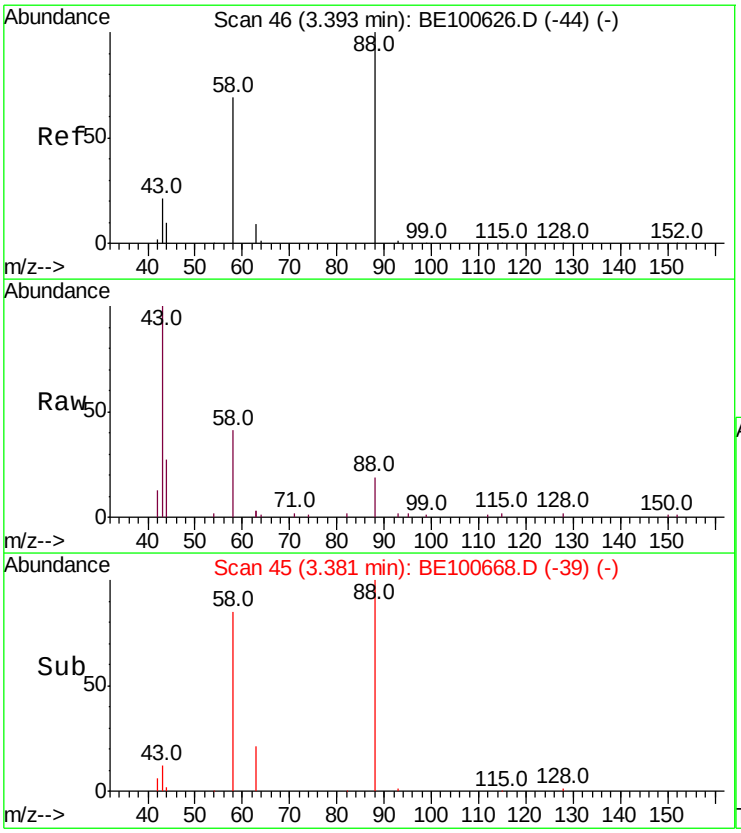
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3584

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.3	184.9
115	67.6	51.9	77.9

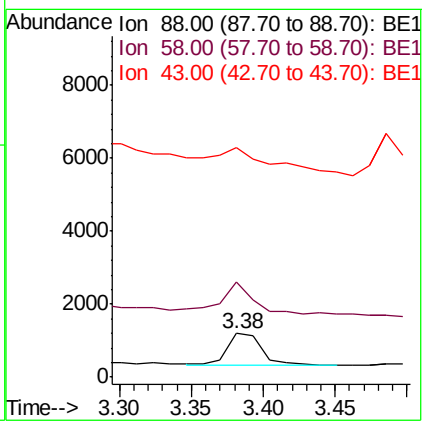


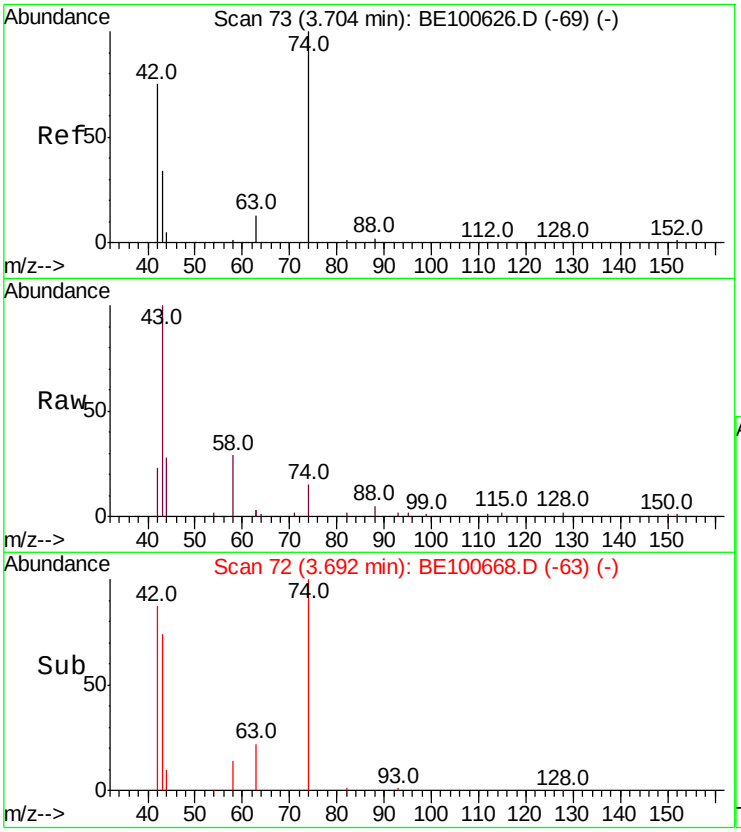


#2
1,4-Dioxane
Concen: 0.229 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion: 88 Resp: 1462

Ion	Ratio	Lower	Upper
88	100		
58	94.8	59.8	89.6#
43	105.2	24.6	36.8#



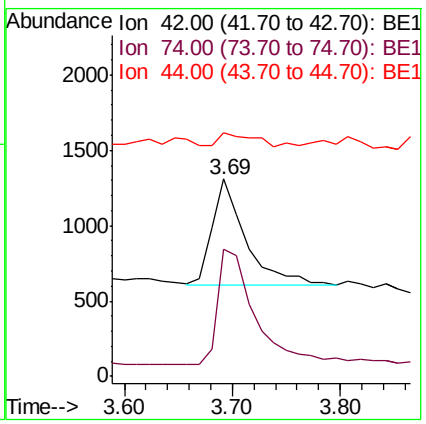


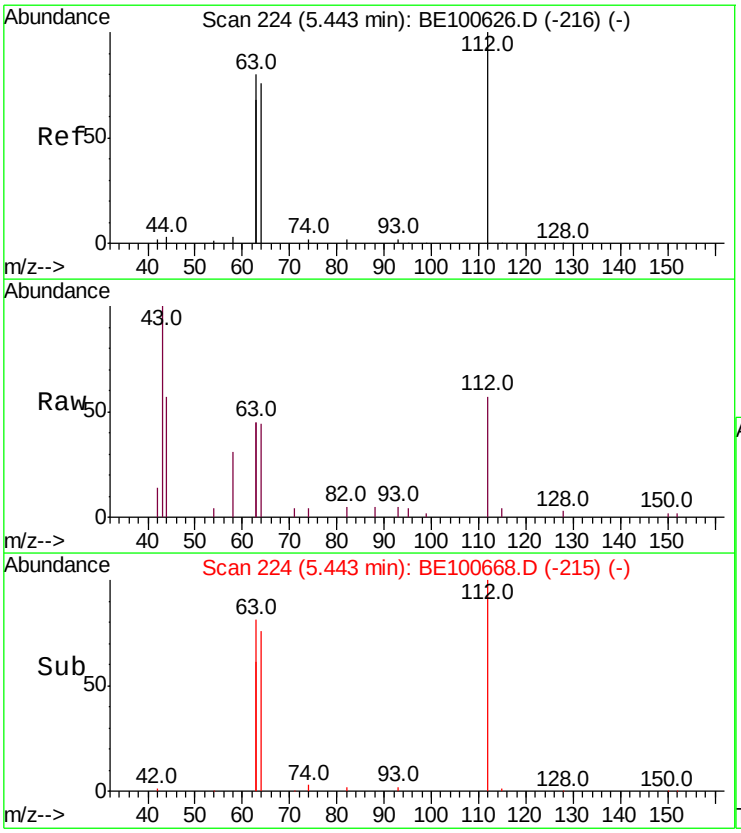
#3
n-Nitrosodimethylamine
Concen: 0.222 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1503

Ion	Ratio	Lower	Upper
42	100		
74	72.9	97.2	145.8#
44	12.4	16.6	24.8#

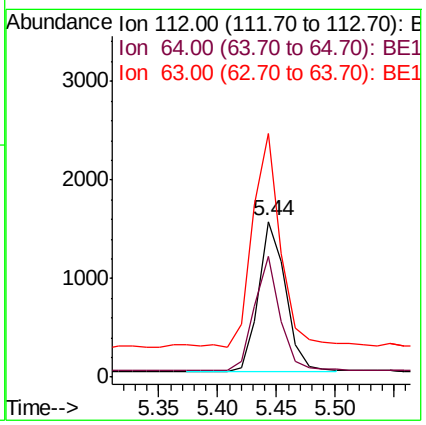


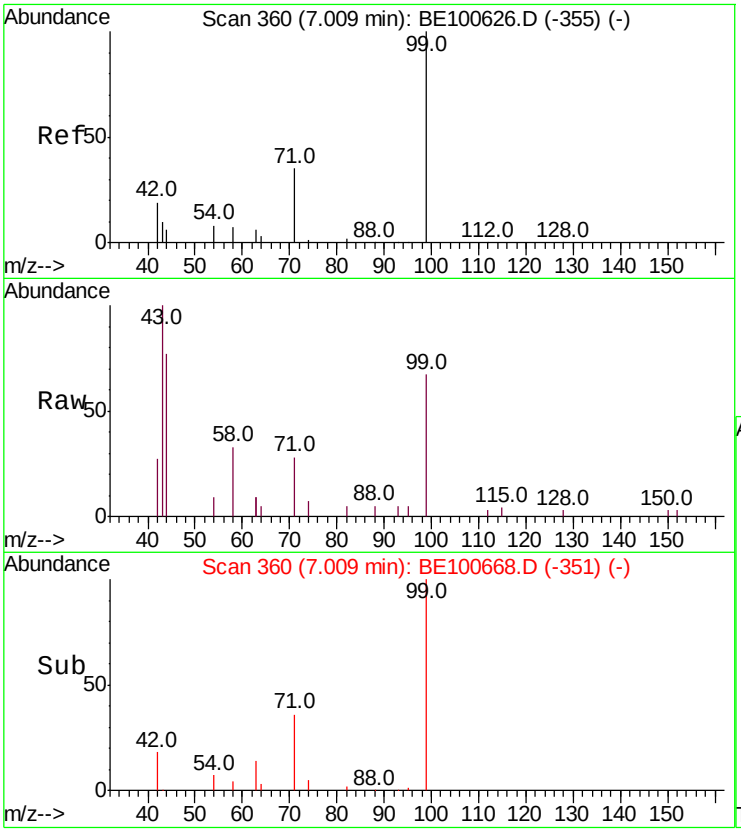


#4
2-Fluorophenol
Concen: 0.224 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:112 Resp: 2474

Ion	Ratio	Lower	Upper
112	100		
64	71.1	55.4	83.2
63	139.9	114.2	171.4



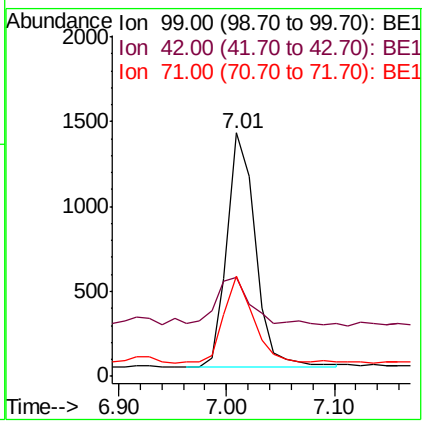


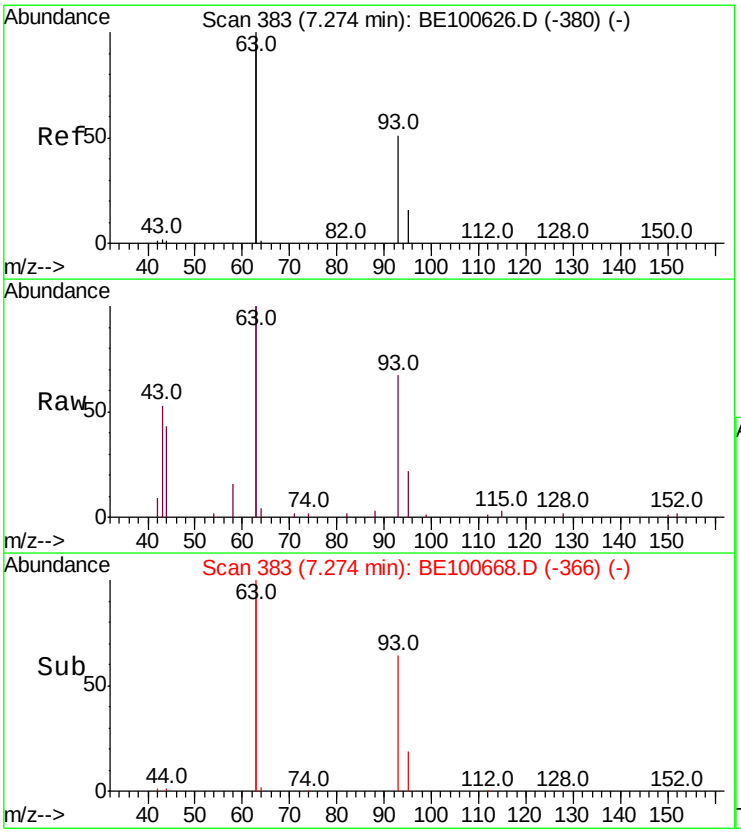
#5
Phenol-d6
Concen: 0.162 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2529

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.7	26.5
71	37.8	27.4	41.0

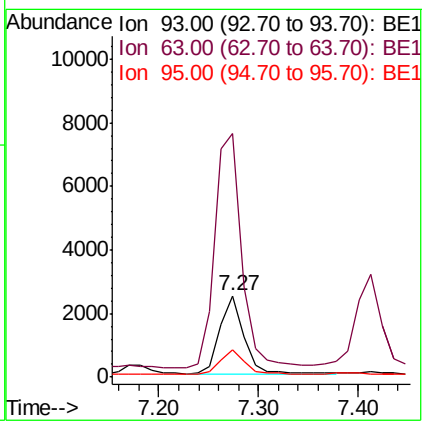


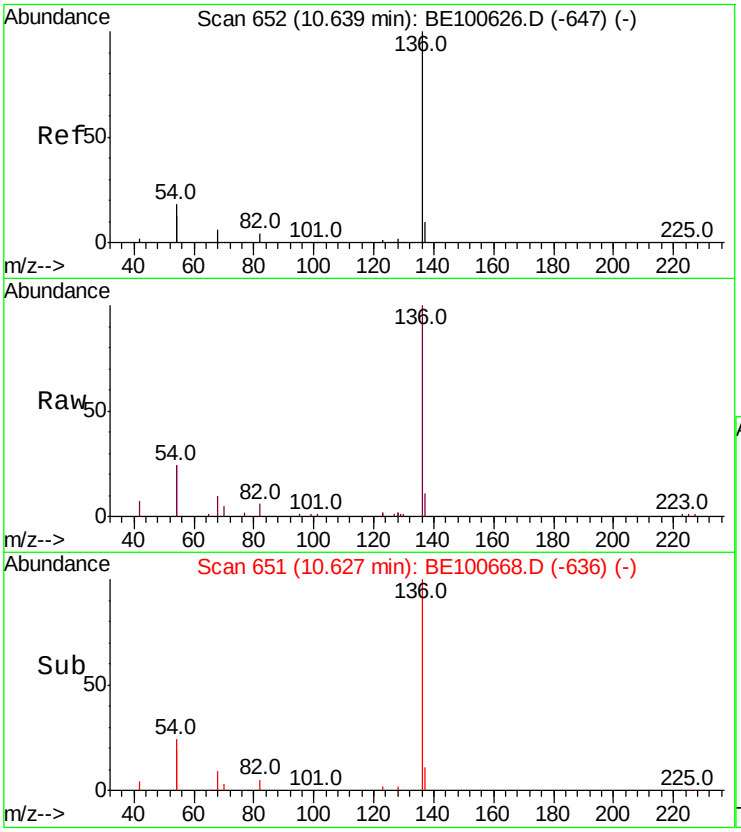


#6
bis(2-Chloroethyl)ether
Concen: 0.321 ng
RT: 7.27 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion: 93 Resp: 4108

Ion	Ratio	Lower	Upper
93	100		
63	333.4	268.8	403.2
95	30.6	25.6	38.4



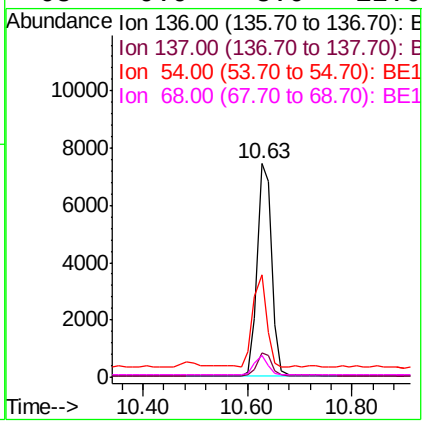


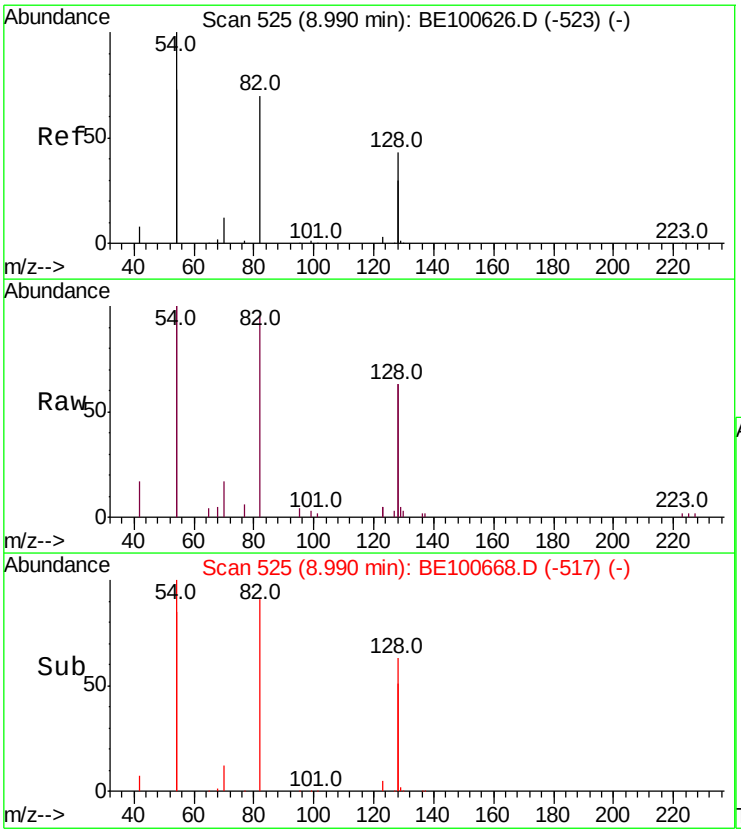
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14420

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	48.0	39.4	59.2
68	9.9	8.0	12.0

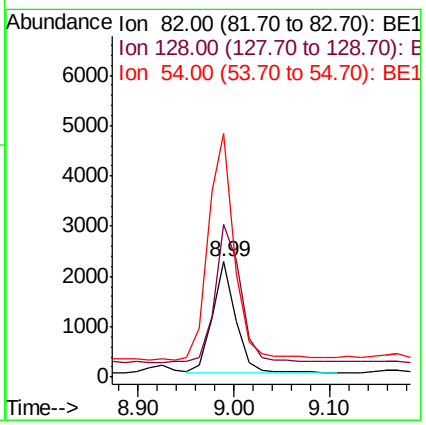


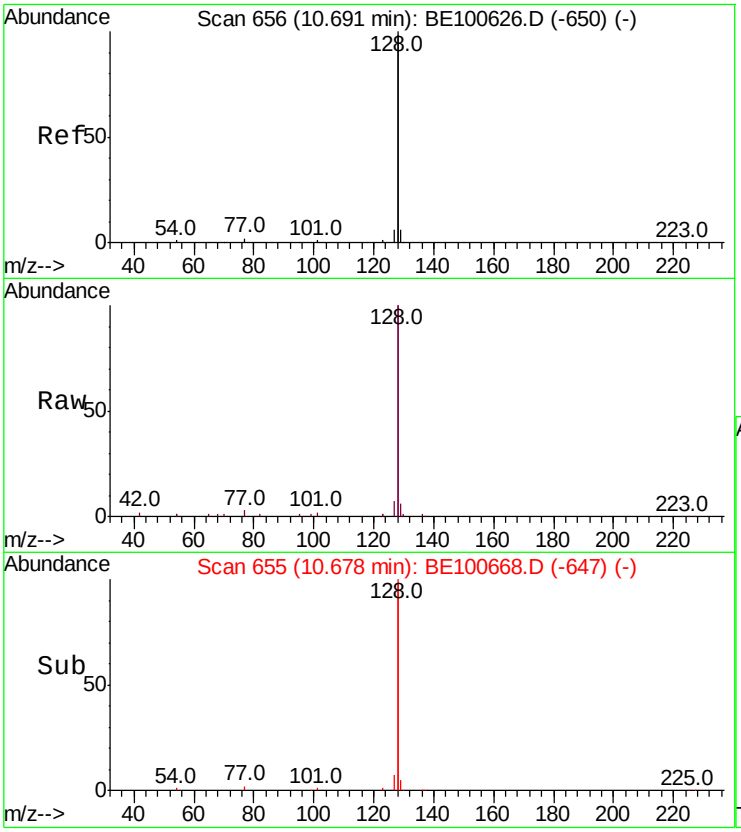


#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion: 82 Resp: 3718

Ion	Ratio	Lower	Upper
82	100		
128	132.0	107.8	161.8
54	210.7	166.1	249.1



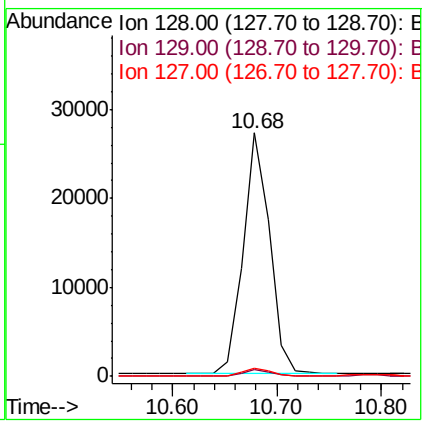


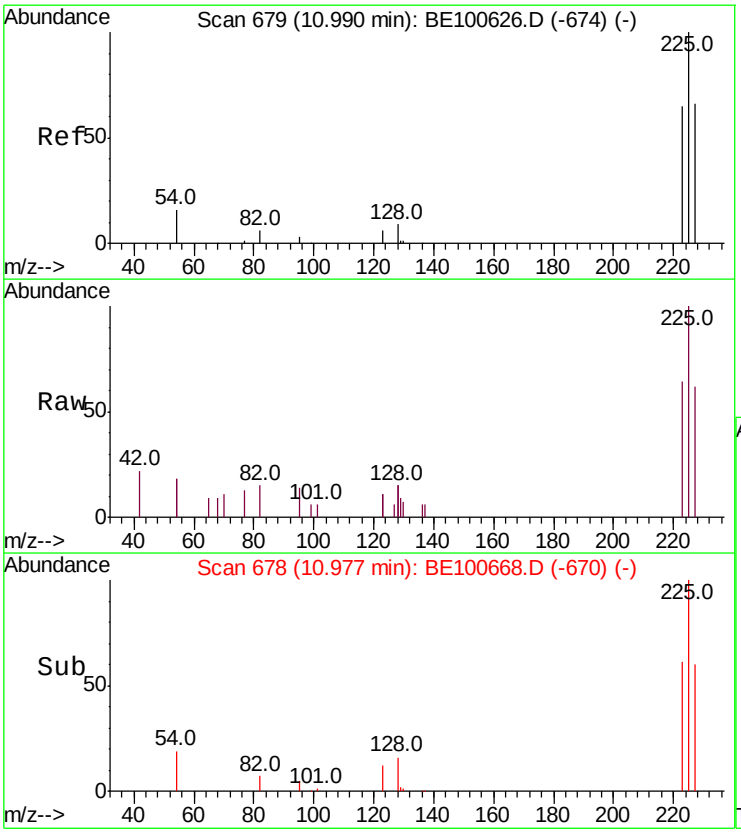
#9
Naphthalene
Concen: 0.316 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 47899

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.5	2.7	4.1

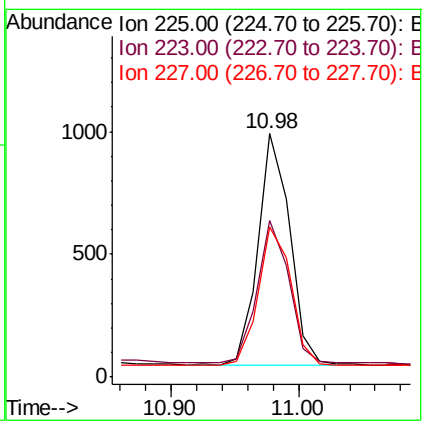


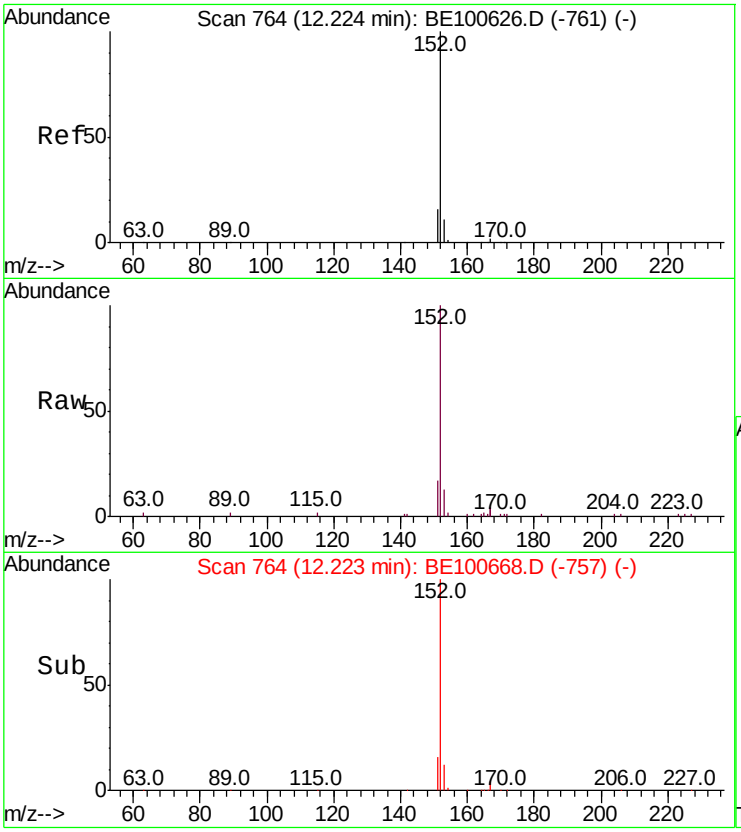


#10
Hexachlorobutadiene
Concen: 0.247 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:225 Resp: 1627

Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.6	72.8
227	61.3	51.6	77.4



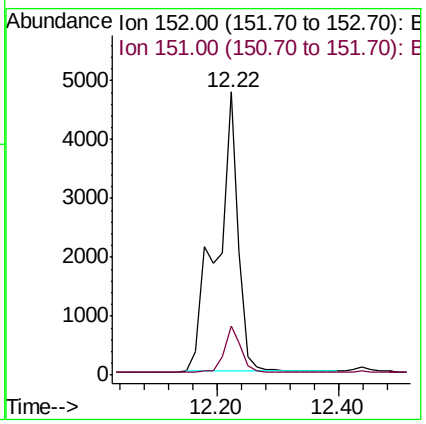


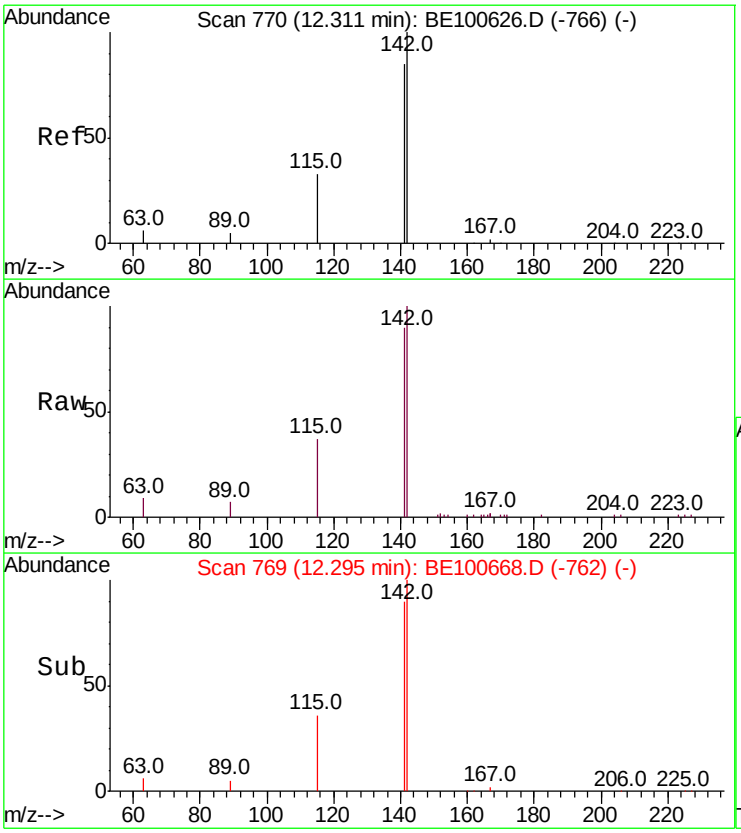
#11
2-Methylnaphthalene-d10
Concen: 0.514 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11691

Ion	Ratio	Lower	Upper
152	100		
151	13.0	14.7	22.1#

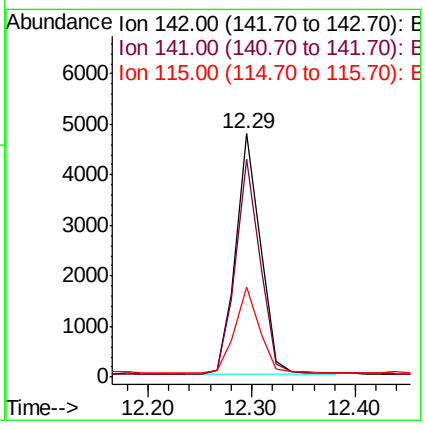


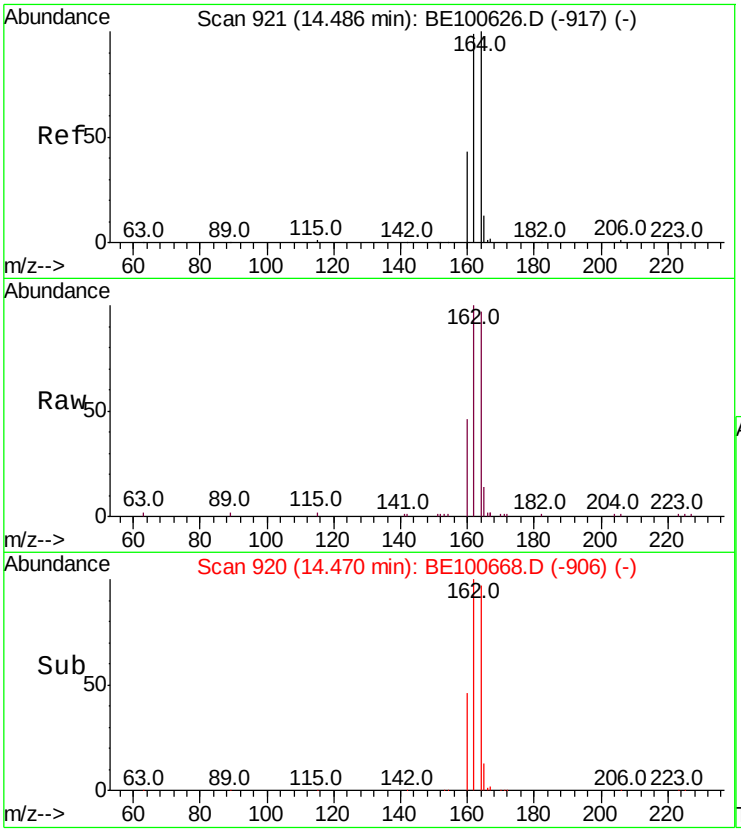


#12
2-Methylnaphthalene
Concen: 0.304 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:142 Resp: 7866

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.1	105.1
115	37.0	28.3	42.5



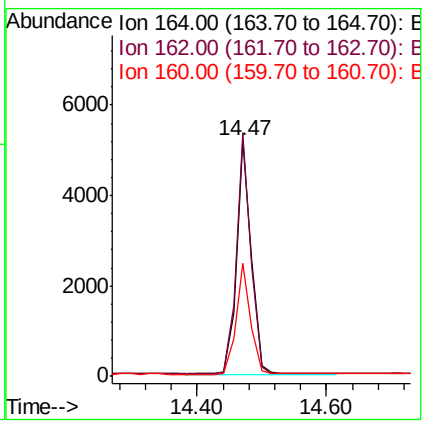


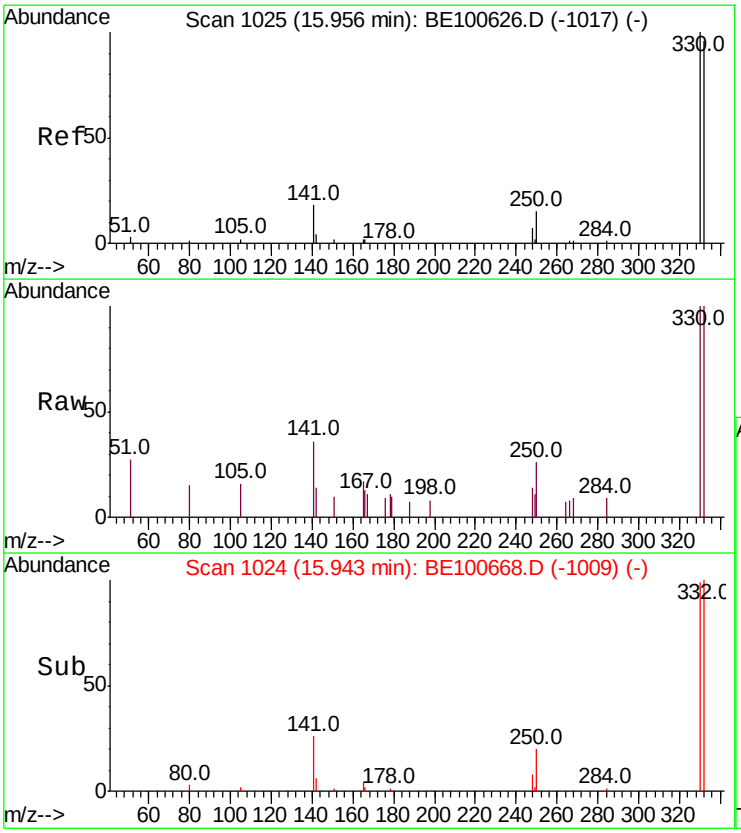
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8088

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.0	123.0
160	48.1	37.5	56.3

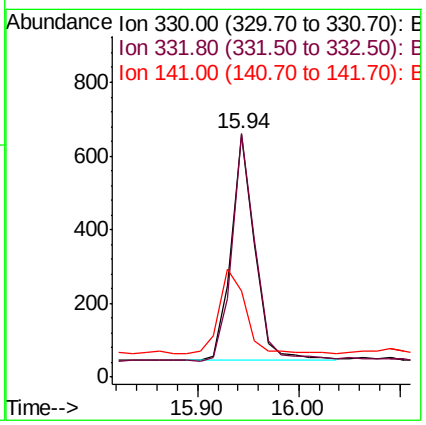


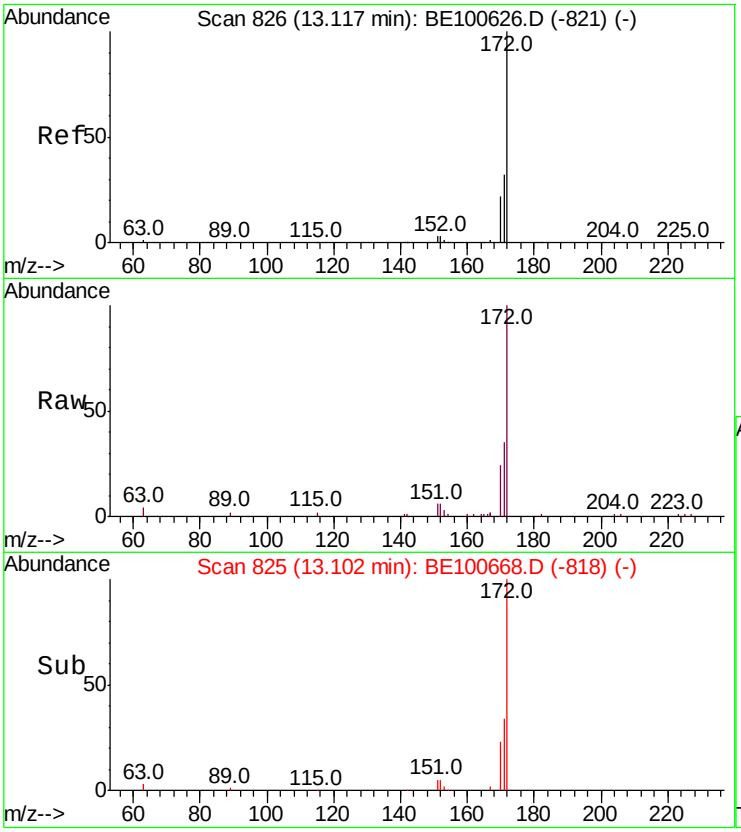


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:330 Resp: 1001

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.9	116.9
141	41.7	33.0	49.6



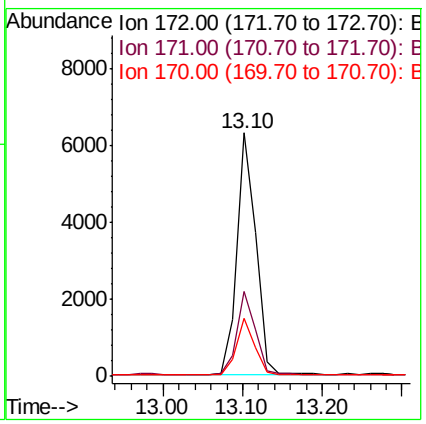


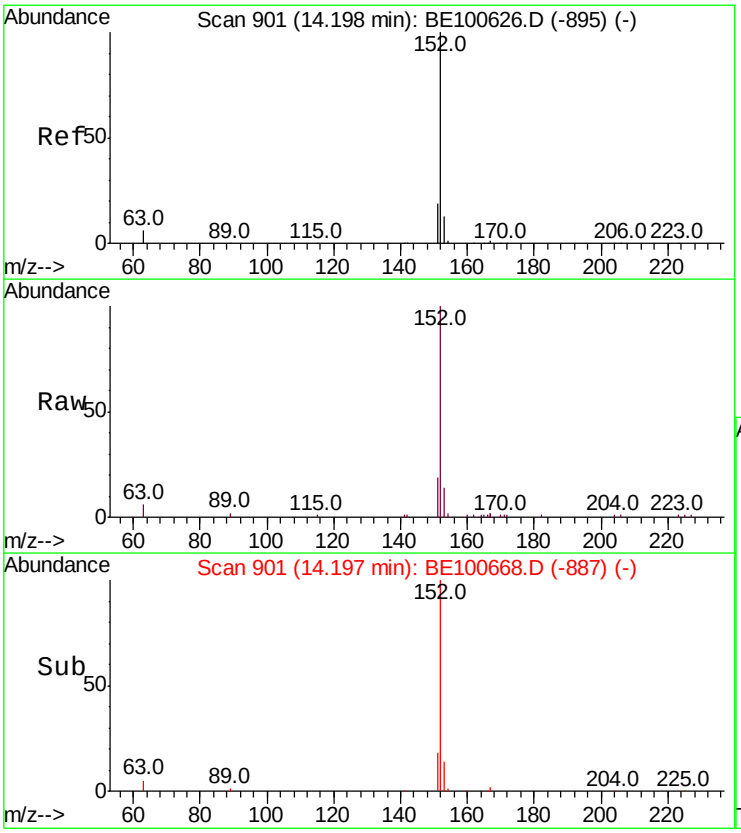
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10259

Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.5	39.7
170	24.1	19.0	28.4

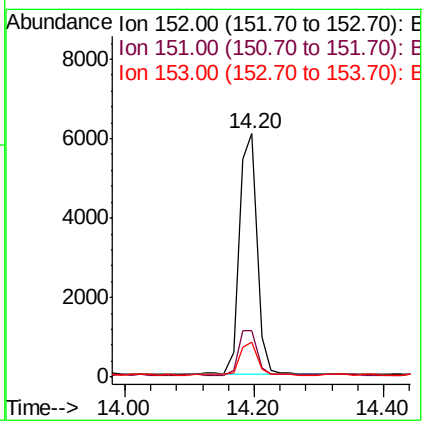


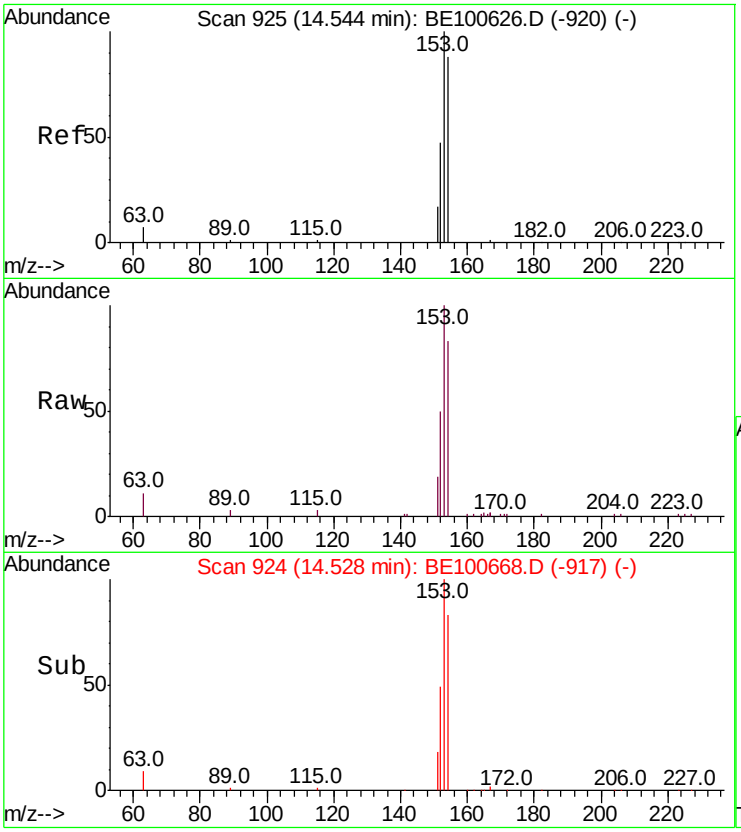


#16
Acenaphthylene
Concen: 0.331 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:152 Resp: 11537

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.2	22.8
153	13.3	10.3	15.5



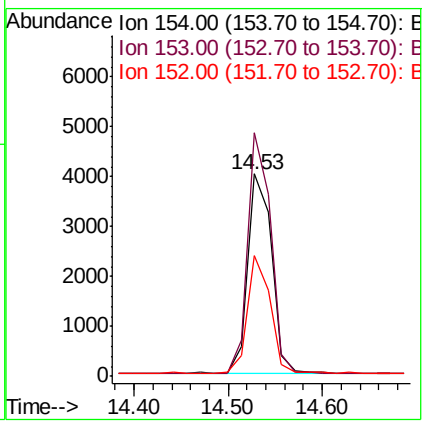


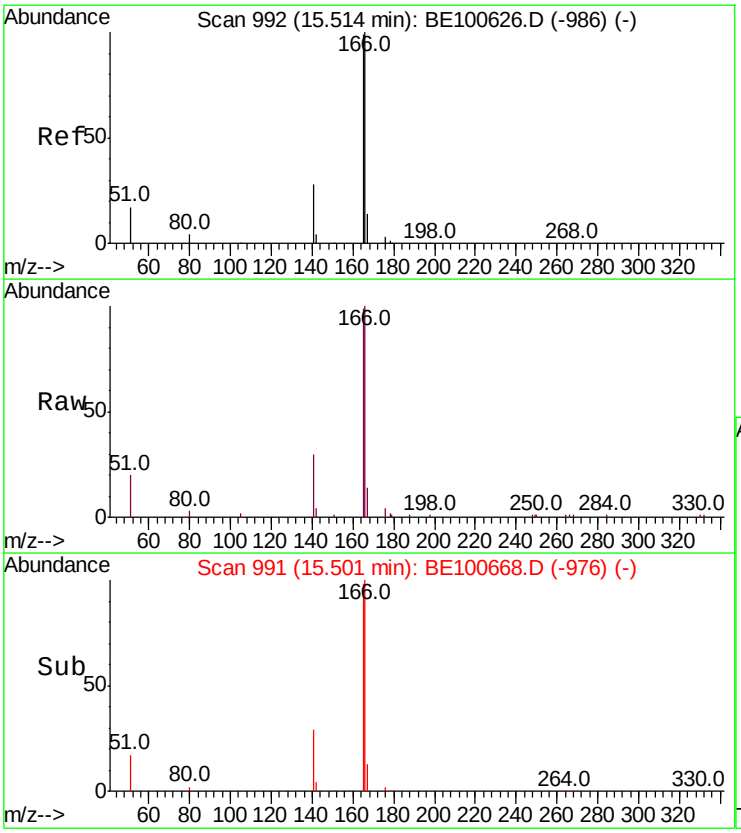
#17
Acenaphthene
Concen: 0.316 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7099

Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.4	134.2
152	56.2	44.1	66.1

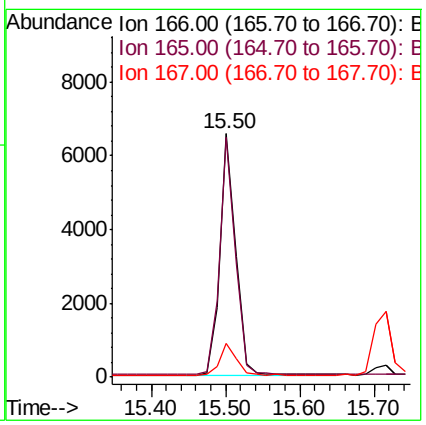


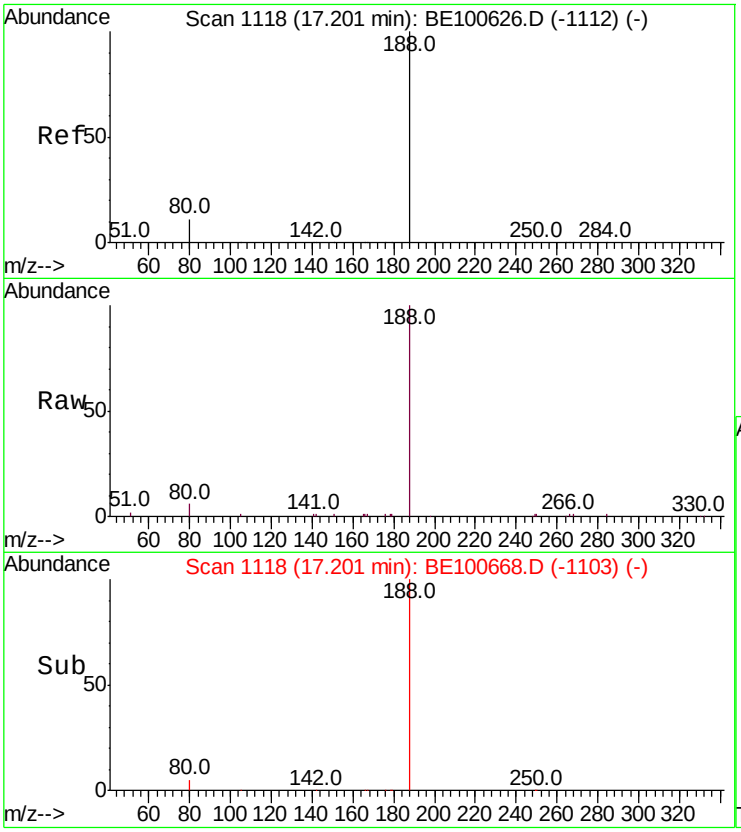


#18
Fluorene
Concen: 0.327 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:166 Resp: 9779

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.4	10.9	16.3



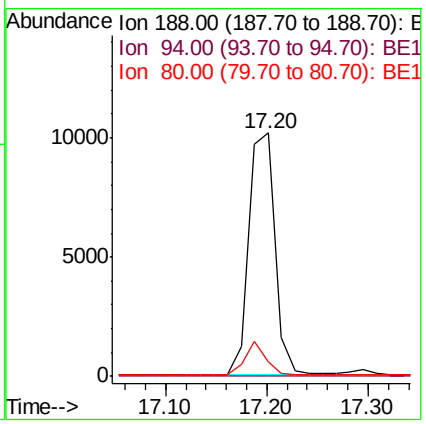


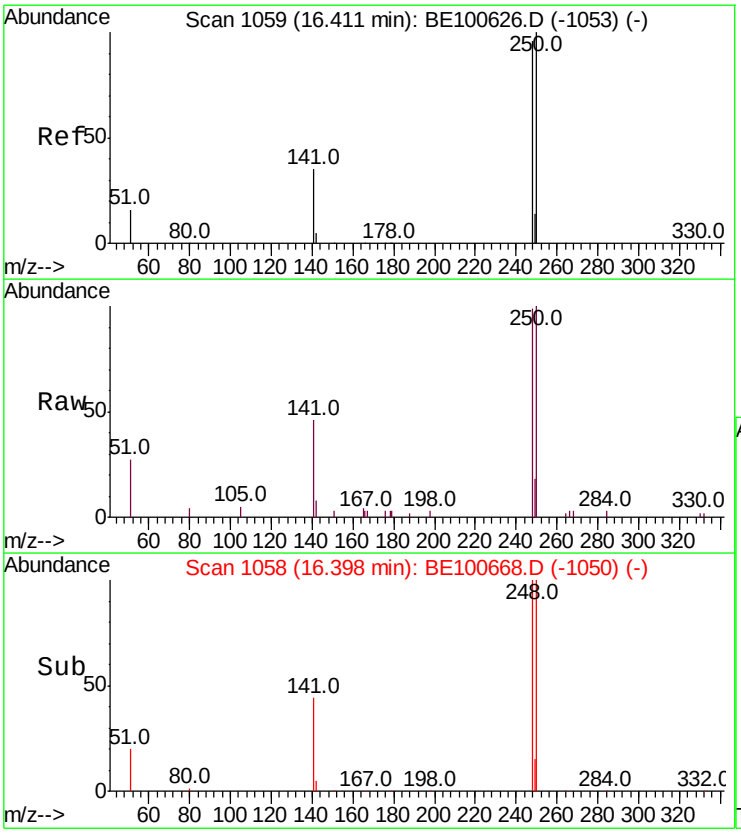
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18537

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	5.4	8.0

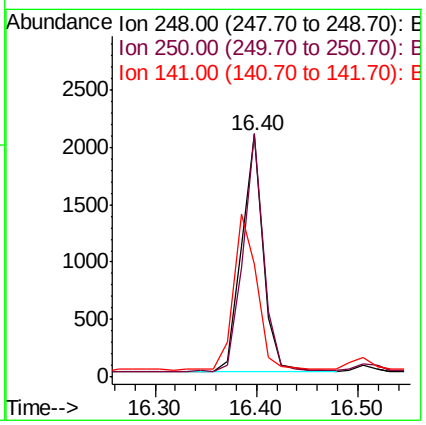


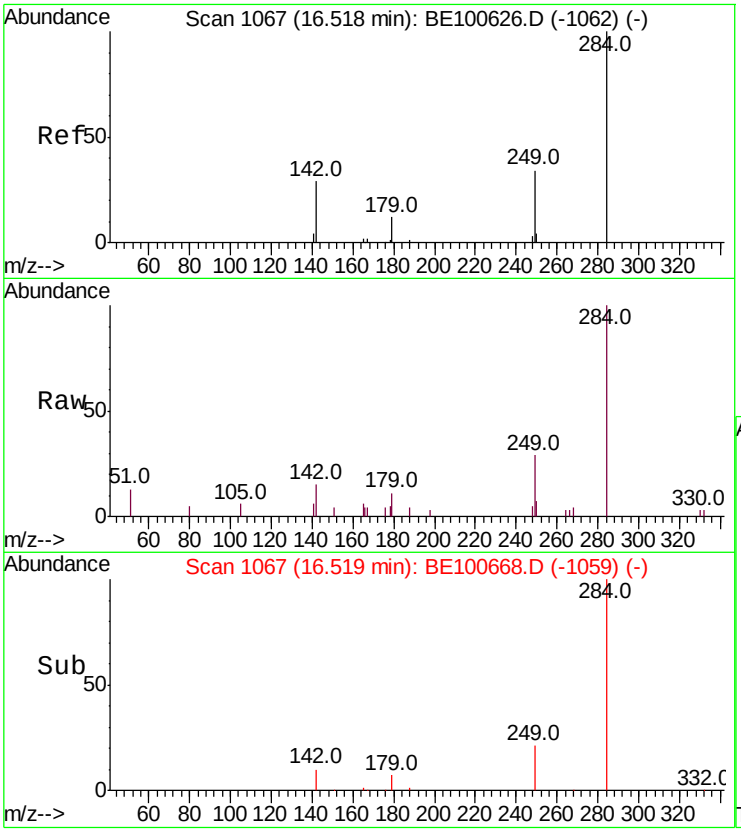


#20
4-Bromophenyl-phenylether
Concen: 0.324 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:248 Resp: 3054

Ion	Ratio	Lower	Upper
248	100		
250	100.6	76.3	114.5
141	46.5	37.3	55.9



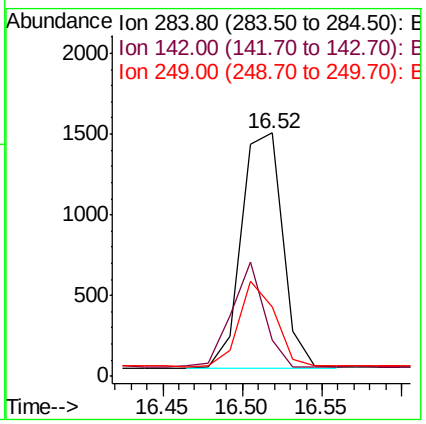


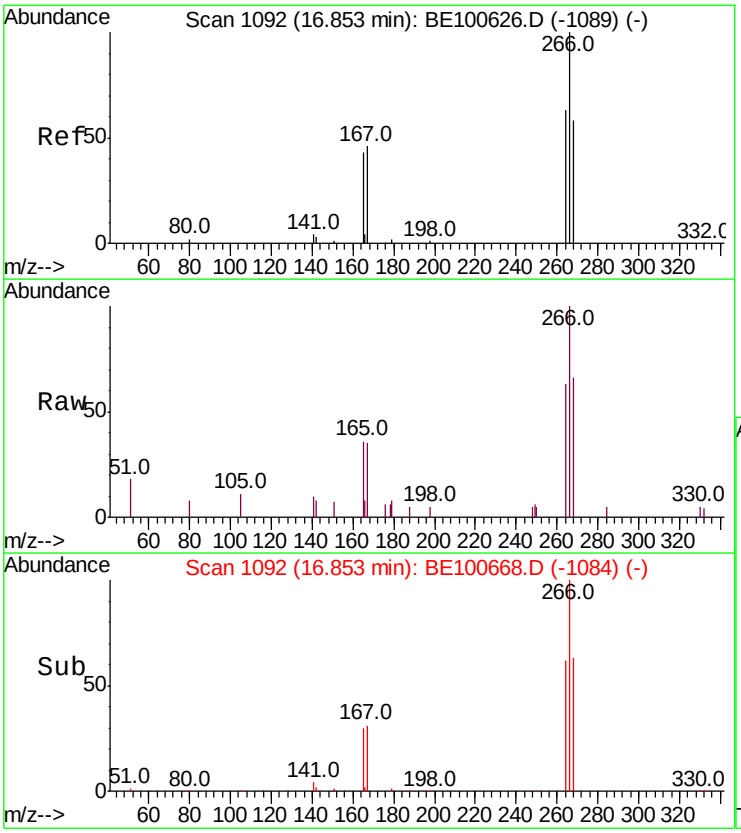
#21
Hexachlorobenzene
Concen: 0.293 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2636

Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.6	42.8
249	32.0	26.3	39.5

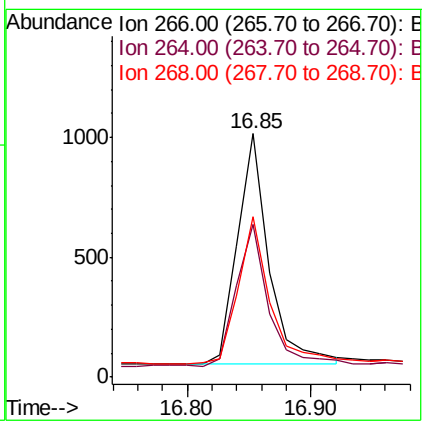


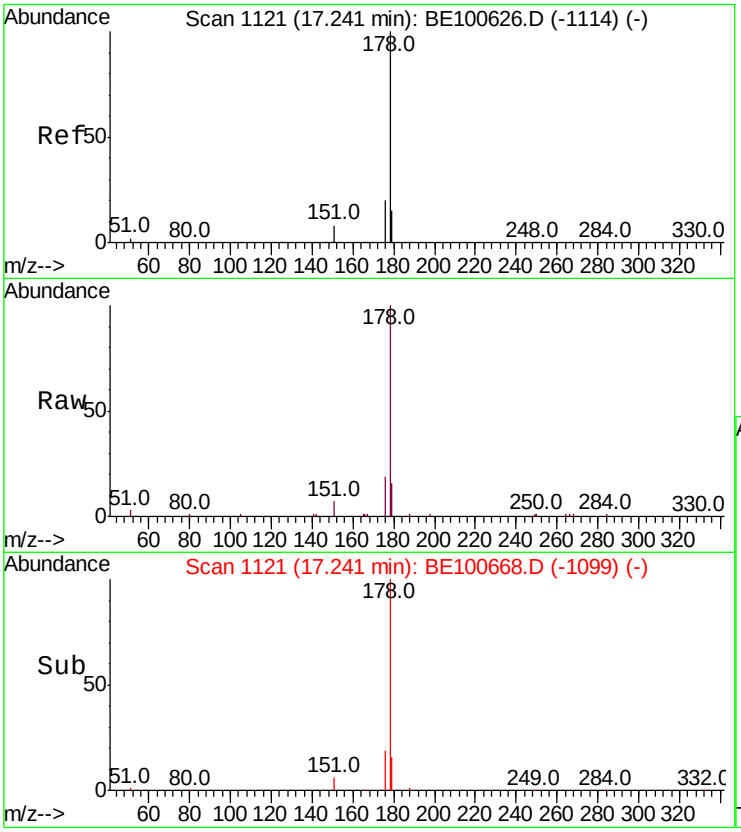


#22
Pentachlorophenol
Concen: 0.587 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:266 Resp: 1700

Ion	Ratio	Lower	Upper
266	100		
264	62.8	52.2	78.4
268	65.8	53.1	79.7



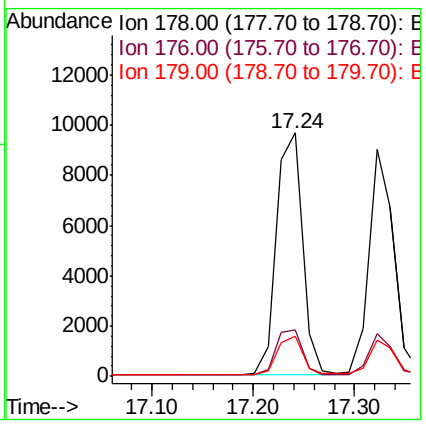


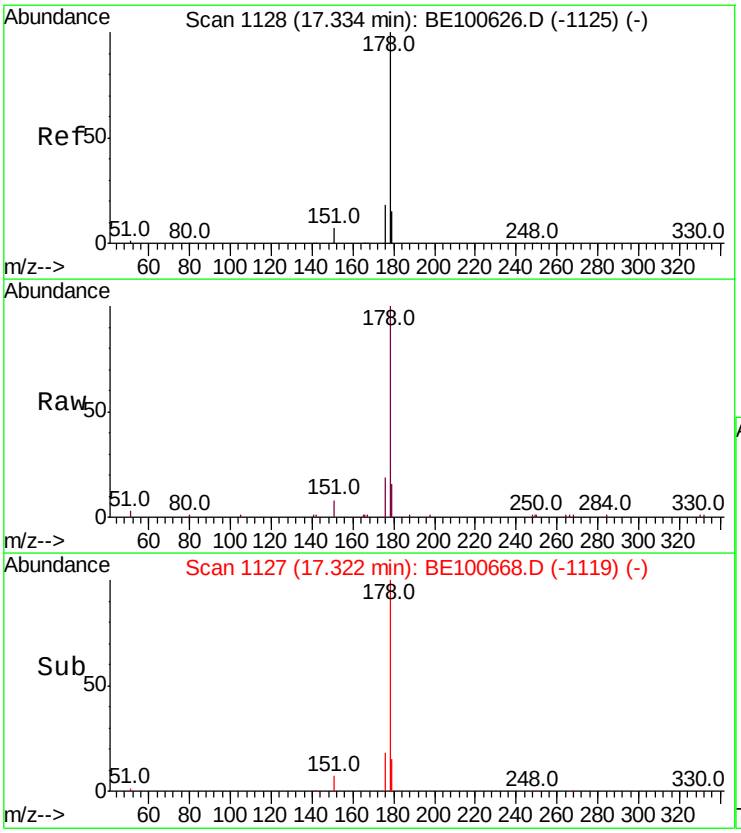
#23
Phenanthrene
Concen: 0.335 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 17056

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.1	18.1

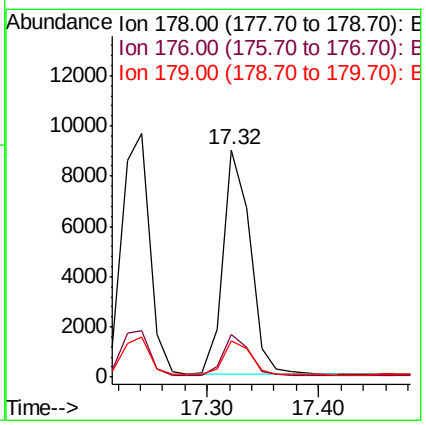


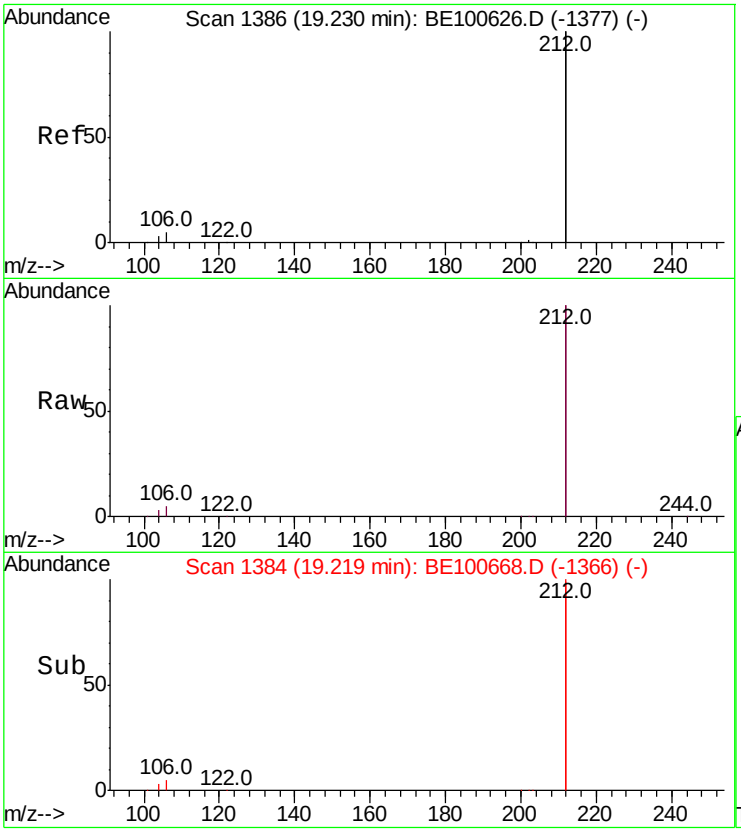


#24
Anthracene
Concen: 0.315 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:178 Resp: 14920

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.1	12.5	18.7



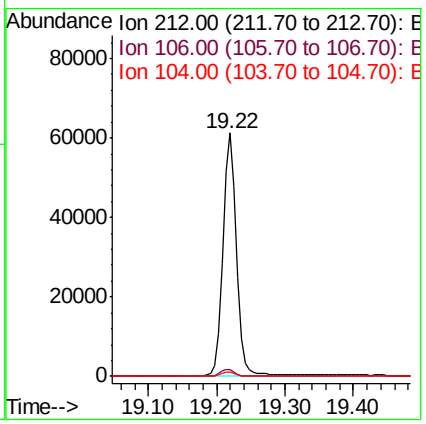


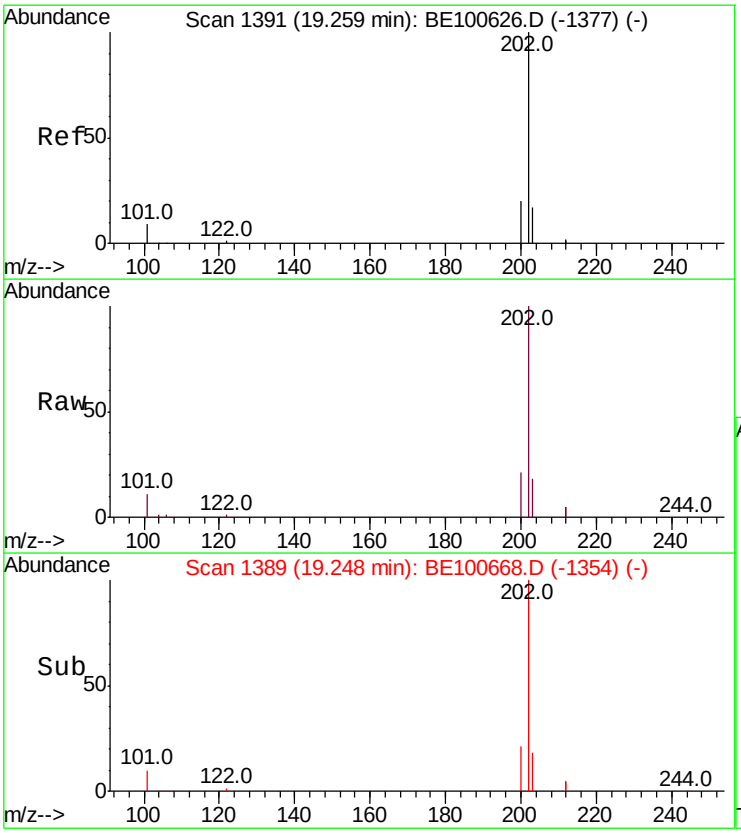
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 84695

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.5	1.3	1.9

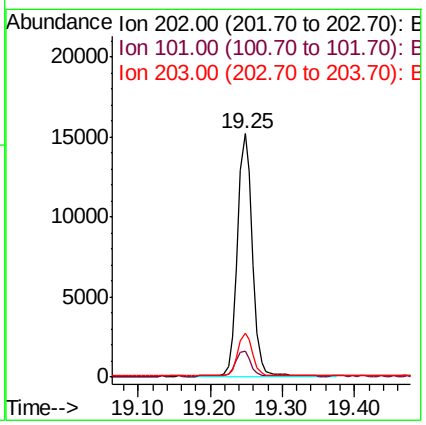


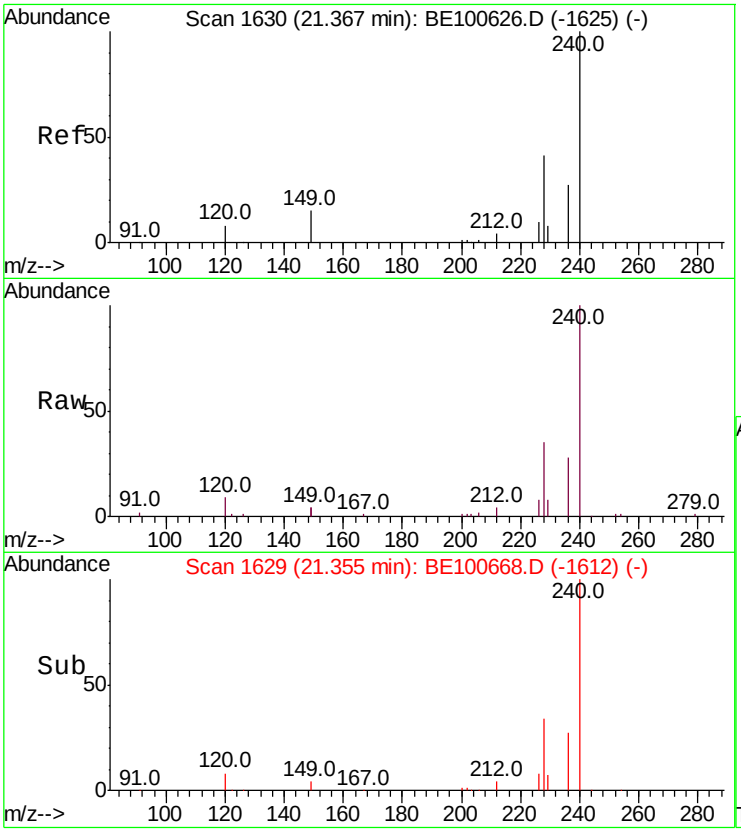


#26
Fluoranthene
Concen: 0.325 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:202 Resp: 21651

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.4	13.8	20.8



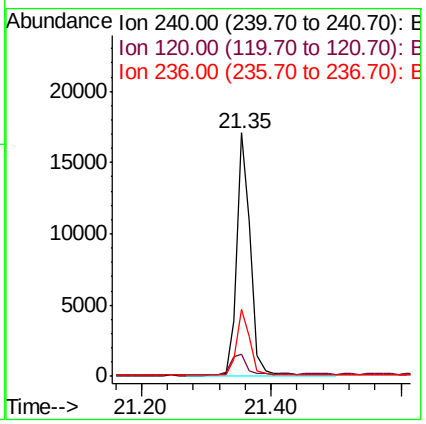


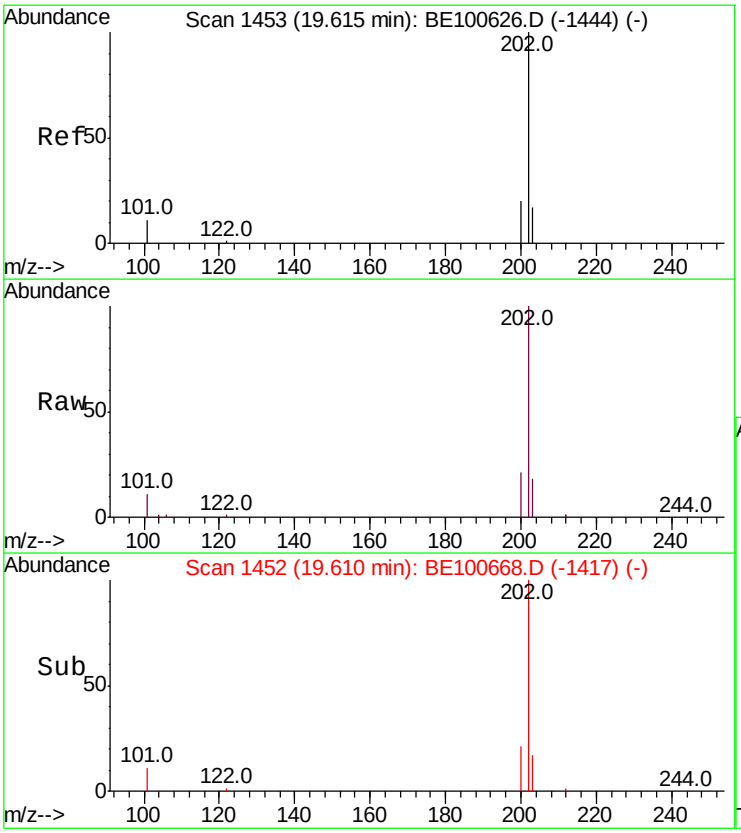
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 24850

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.6	11.4
236	27.7	22.1	33.1

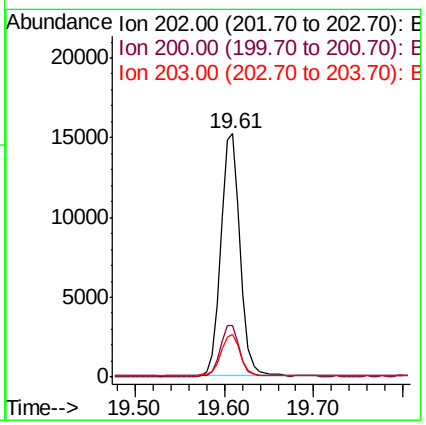


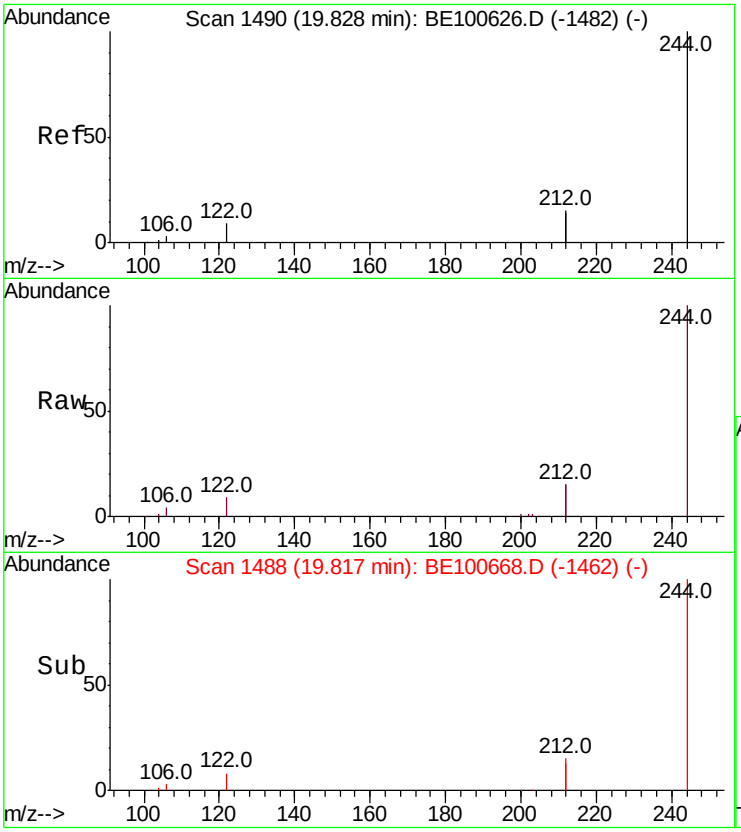


#28
Pyrene
Concen: 0.325 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:202 Resp: 22548

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.9	14.0	21.0



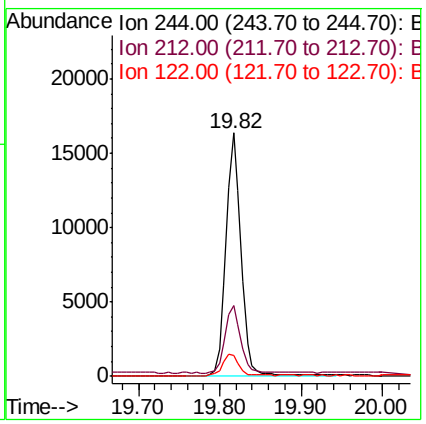


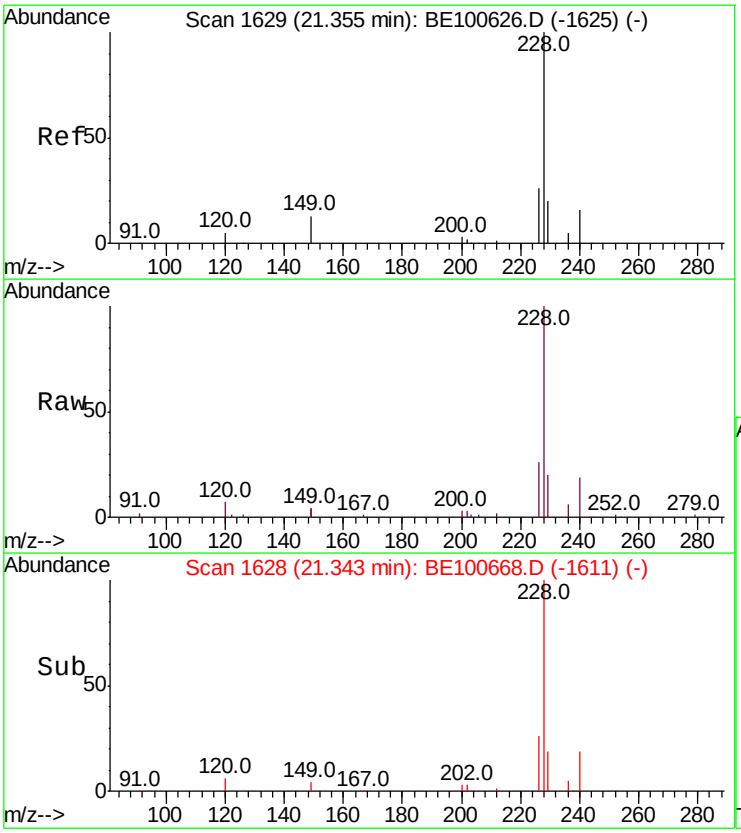
#29
Terphenyl-d14
Concen: 0.382 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 20779

Ion	Ratio	Lower	Upper
244	100		
212	29.1	23.7	35.5
122	8.7	7.9	11.9

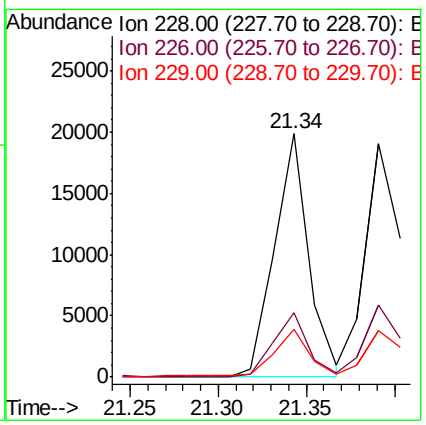


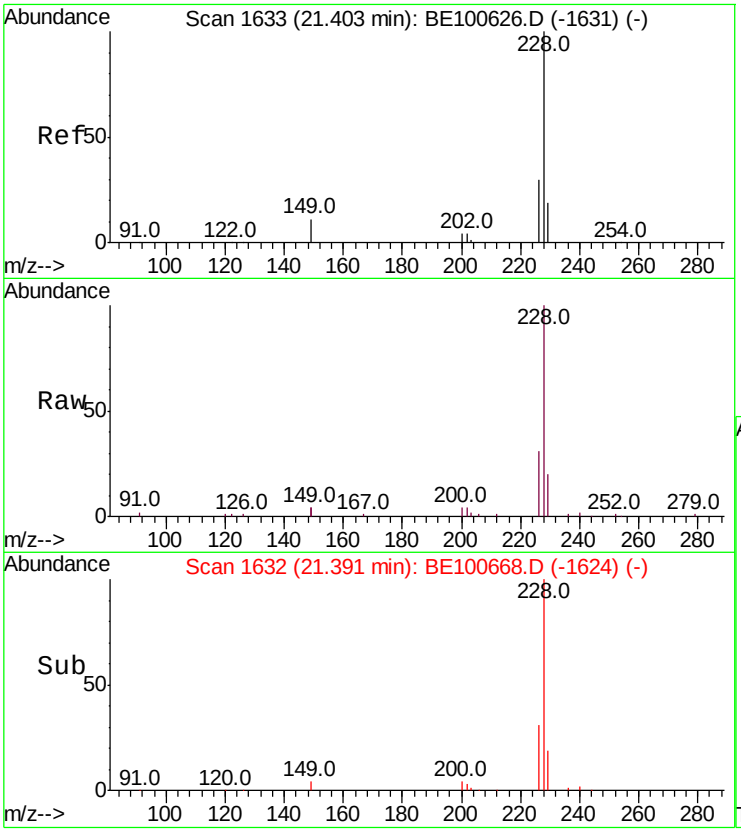


#30
Benzo(a)anthracene
Concen: 0.328 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:228 Resp: 26591

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	19.7	16.0	24.0



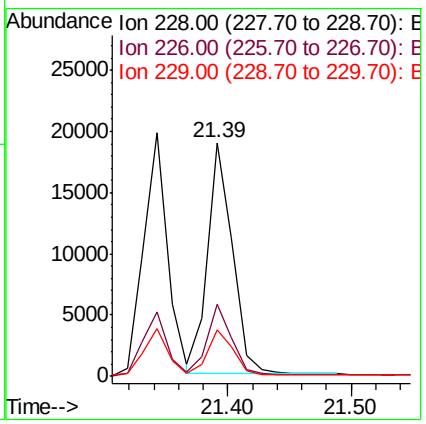


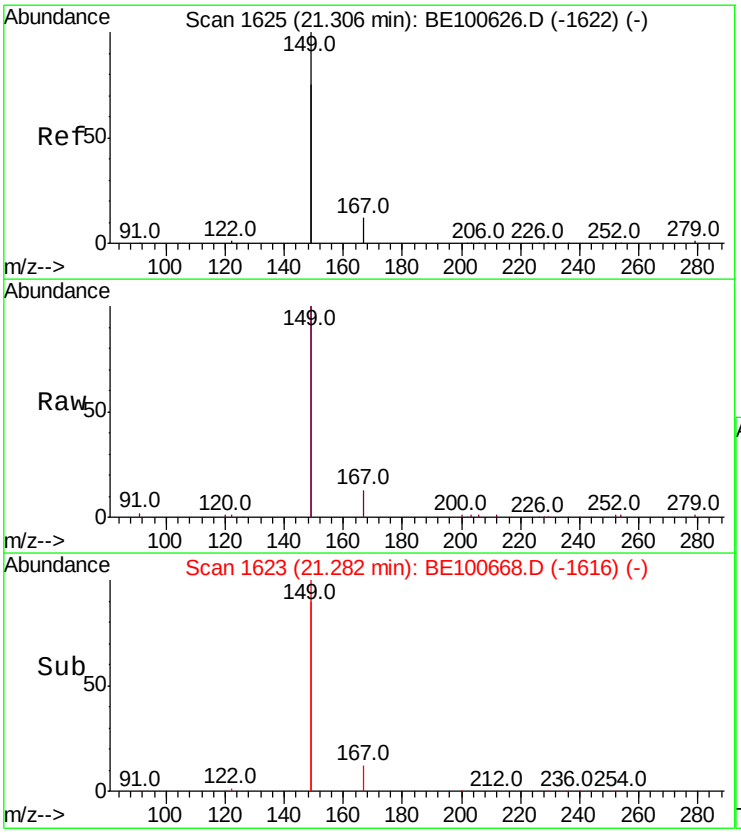
#31
Chrysene
Concen: 0.329 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 26676

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	19.8	15.8	23.8

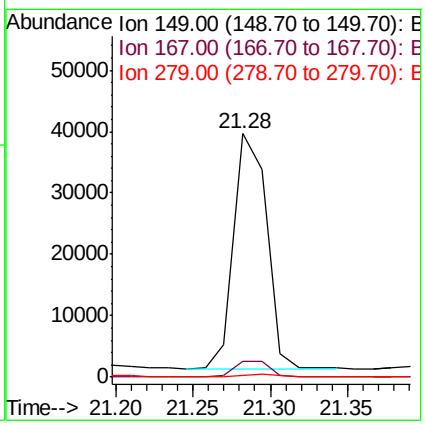


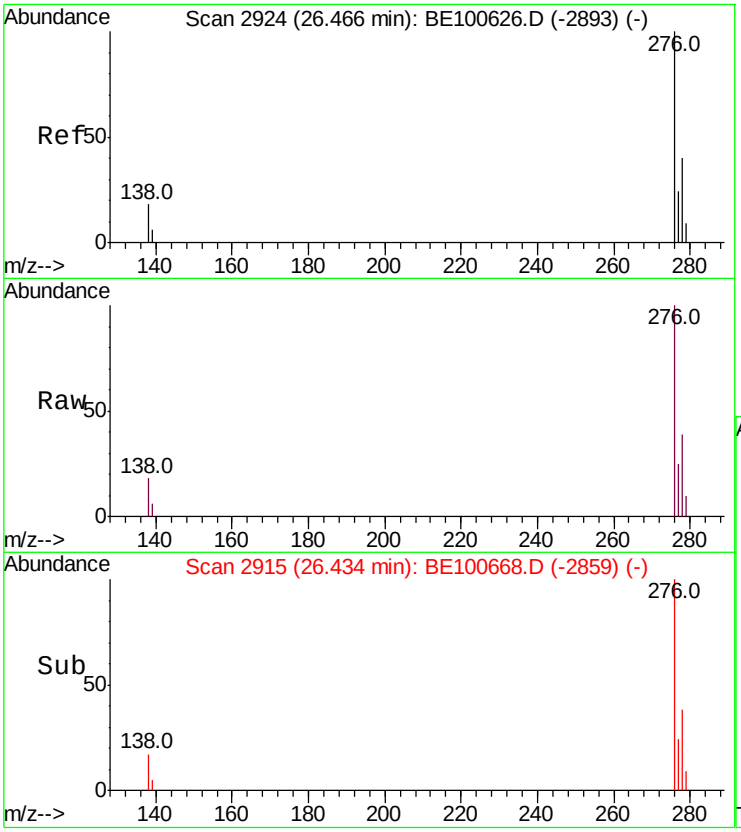


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.332 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:149 Resp: 56328

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.0	0.9	1.3



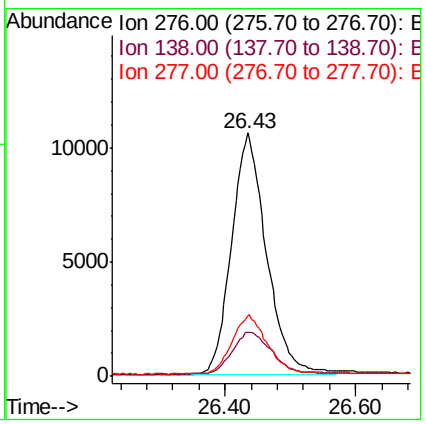


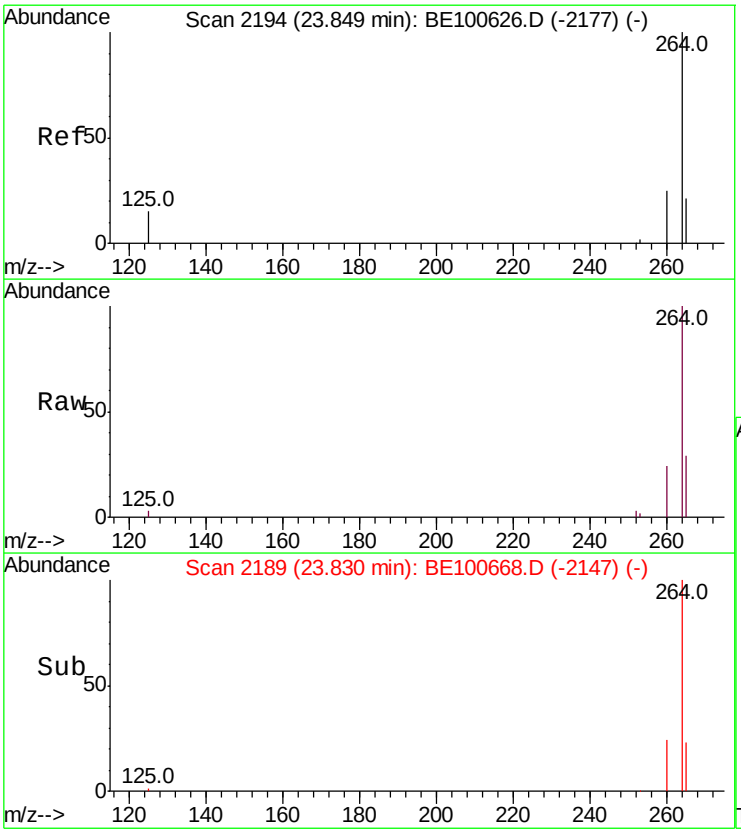
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.43 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 39151

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.3	22.9
277	24.7	19.4	29.2

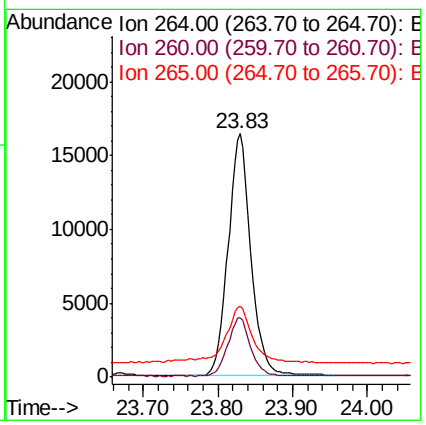


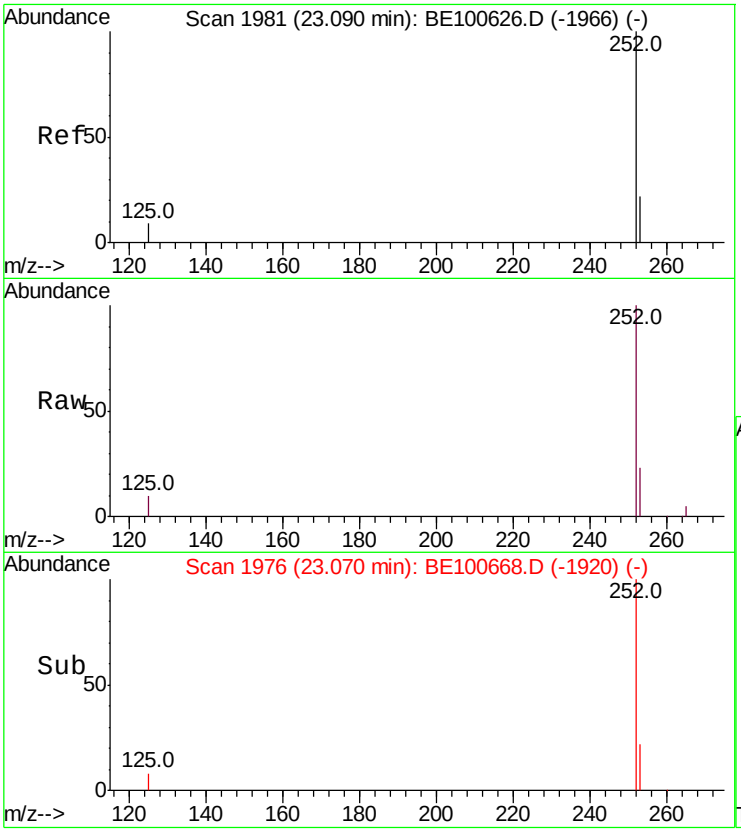


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:264 Resp: 34766

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	28.9	21.7	32.5



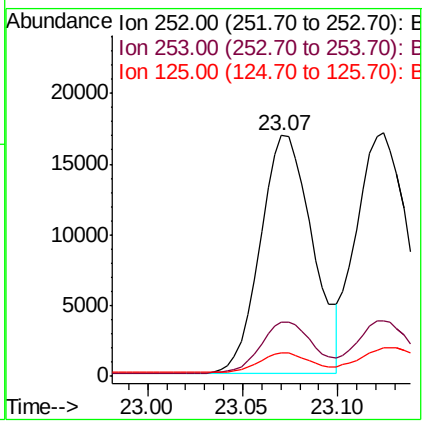


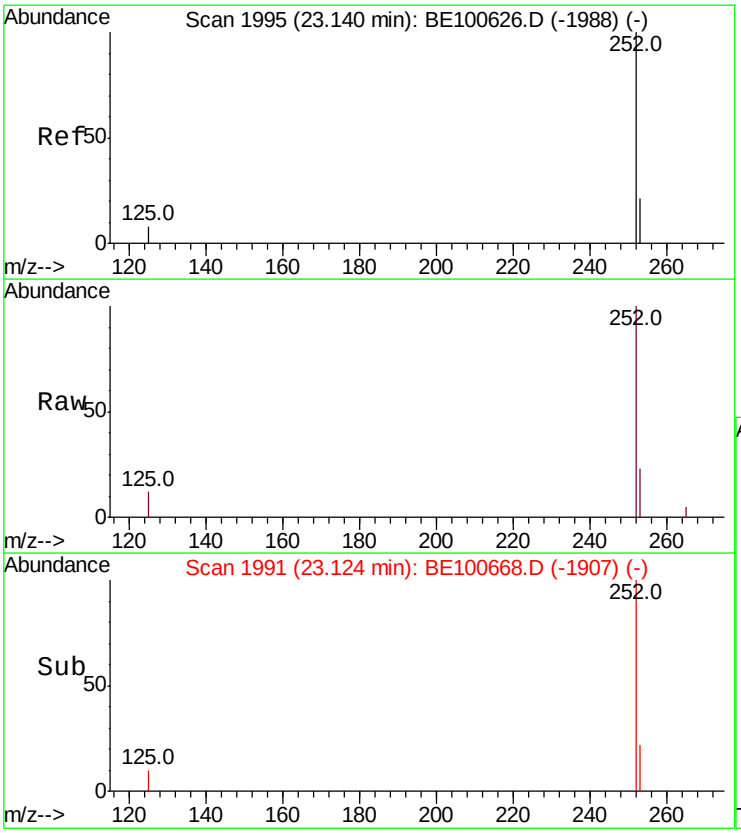
#35
Benzo(b)fluoranthene
Concen: 0.319 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 32370

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	9.5	7.6	11.4

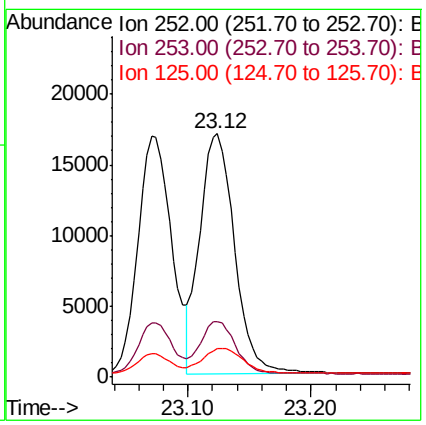


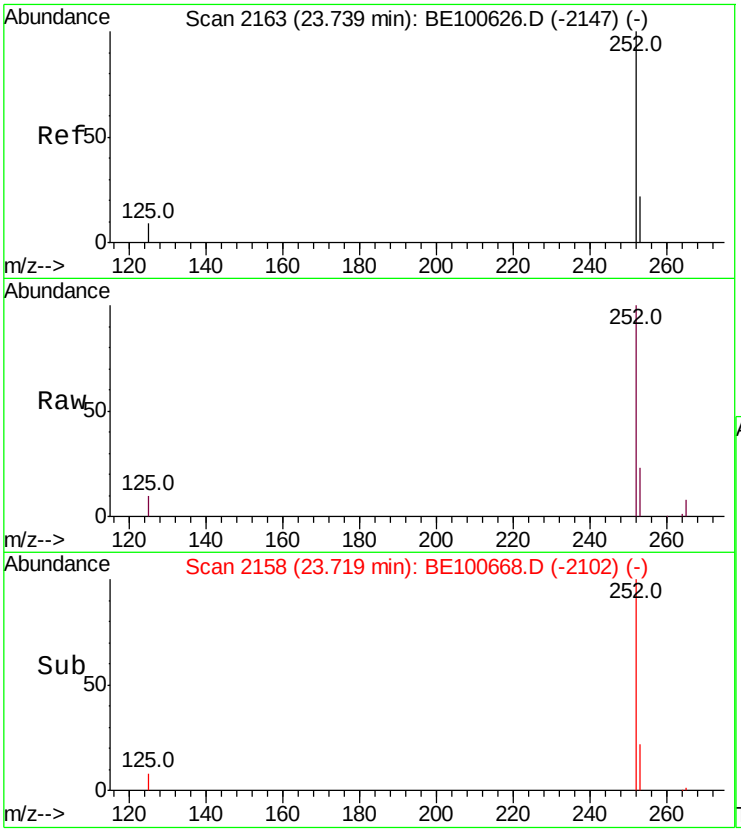


#36
Benzo(k)fluoranthene
Concen: 0.318 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:252 Resp: 33150

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	11.6	11.6	17.4



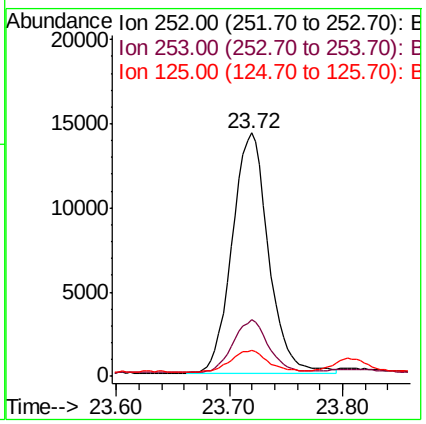


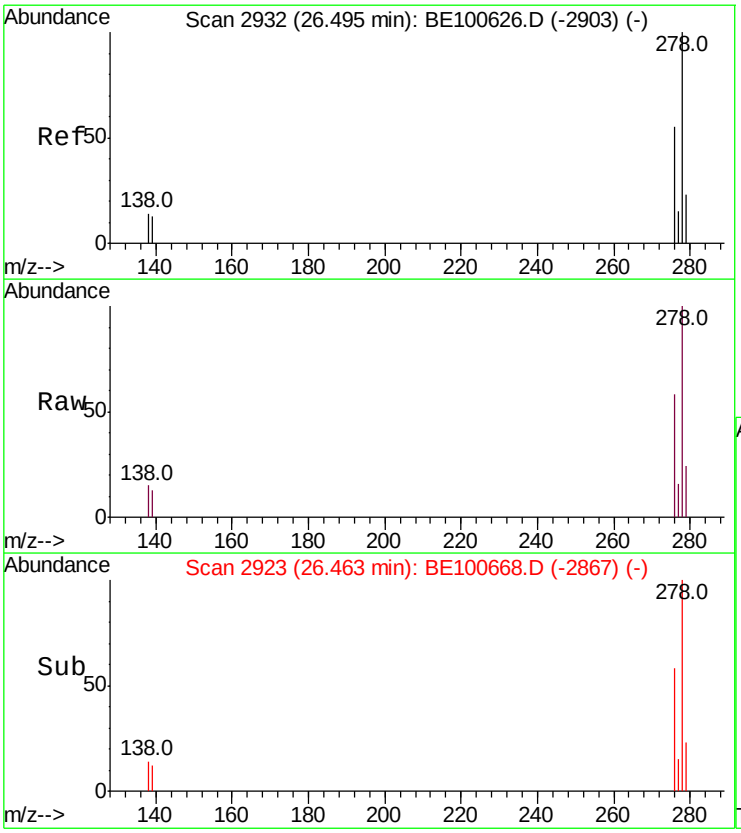
#37
Benzo(a)pyrene
Concen: 0.336 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 31751

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	10.4	8.2	12.4

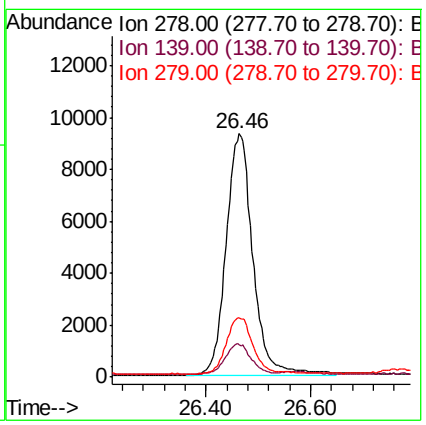


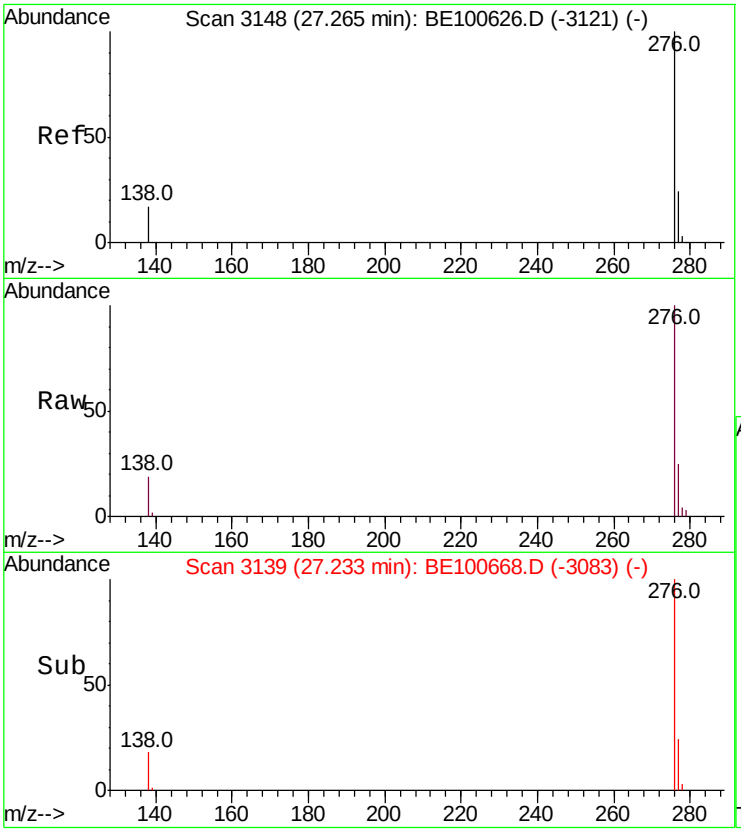


#38
Dibenzo(a,h)anthracene
Concen: 0.339 ng
RT: 26.46 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Tgt Ion:278 Resp: 33034

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.9	16.3
279	24.5	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.349 ng
RT: 27.23 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BE100668.D
Acq: 23 Oct 2019 19:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 34273

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	18.6	13.6	20.4