Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100682.D
Acq On : 28 Oct 2019 20:19
Operator : JU
Sample : K5546-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 29 11:53:28 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	4012	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	17147	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	10818	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	24619	0.40	ng		-0.01
27) Chrysene-d12	21.35	240	34663	0.40	ng		0.00
34) Perylene-d12	23.82	264	43759	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	3092	0.25	ng		0.00
5) Phenol-d6	7.01	99	3278	0.19	ng		0.00
8) Nitrobenzene-d5	8.99	82	4235	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	8672	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1311	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	12911	0.33	ng		0.00
25) Fluoranthene-d10	19.22	212	109738	0.35	ng		0.00
29) Terphenyl-d14	19.82	244	33221	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1473	0.206	ng	#	62
3) n-Nitrosodimethylamine	3.68	42	1965	0.260	ng	#	81
6) bis(2-Chloroethyl)ether	7.27	93	5076	0.354	ng		89
9) Naphthalene	10.68	128	57316	0.318	ng		100
10) Hexachlorobutadiene	10.98	225	2221	0.284	ng		99
12) 2-Methylnaphthalene	12.30	142	9560	0.311	ng		99
16) Acenaphthylene	14.18	152	14023	0.301	ng		100
17) Acenaphthene	14.53	154	8804	0.293	ng		99
18) Fluorene	15.50	166	11890	0.298	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	3866	0.309	ng		90
21) Hexachlorobenzene	16.51	284	3240	0.271	ng		93
22) Pentachlorophenol	16.84	266	2841	0.739	ng		88
23) Phenanthrene	17.23	178	21839	0.323	ng		100
24) Anthracene	17.32	178	19814	0.315	ng		100
26) Fluoranthene	19.25	202	28776	0.326	ng	#	96
28) Pyrene	19.60	202	30688	0.317	ng		99
30) Benzo(a)anthracene	21.34	228	34633	0.306	ng		99
31) Chrysene	21.39	228	34323	0.304	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	123671	0.523	ng		100
33) Indeno(1,2,3-cd)pyrene	26.43	276	42571	0.307	ng		100
35) Benzo(b)fluoranthene	23.07	252	36543	0.286	ng	#	98
36) Benzo(k)fluoranthene	23.12	252	39608	0.302	ng	#	90
37) Benzo(a)pyrene	23.71	252	35716	0.301	ng		97
38) Dibenzo(a,h)anthracene	26.45	278	35371	0.288	ng		98
39) Benzo(g,h,i)perylene	27.22	276	36246	0.294	ng		99

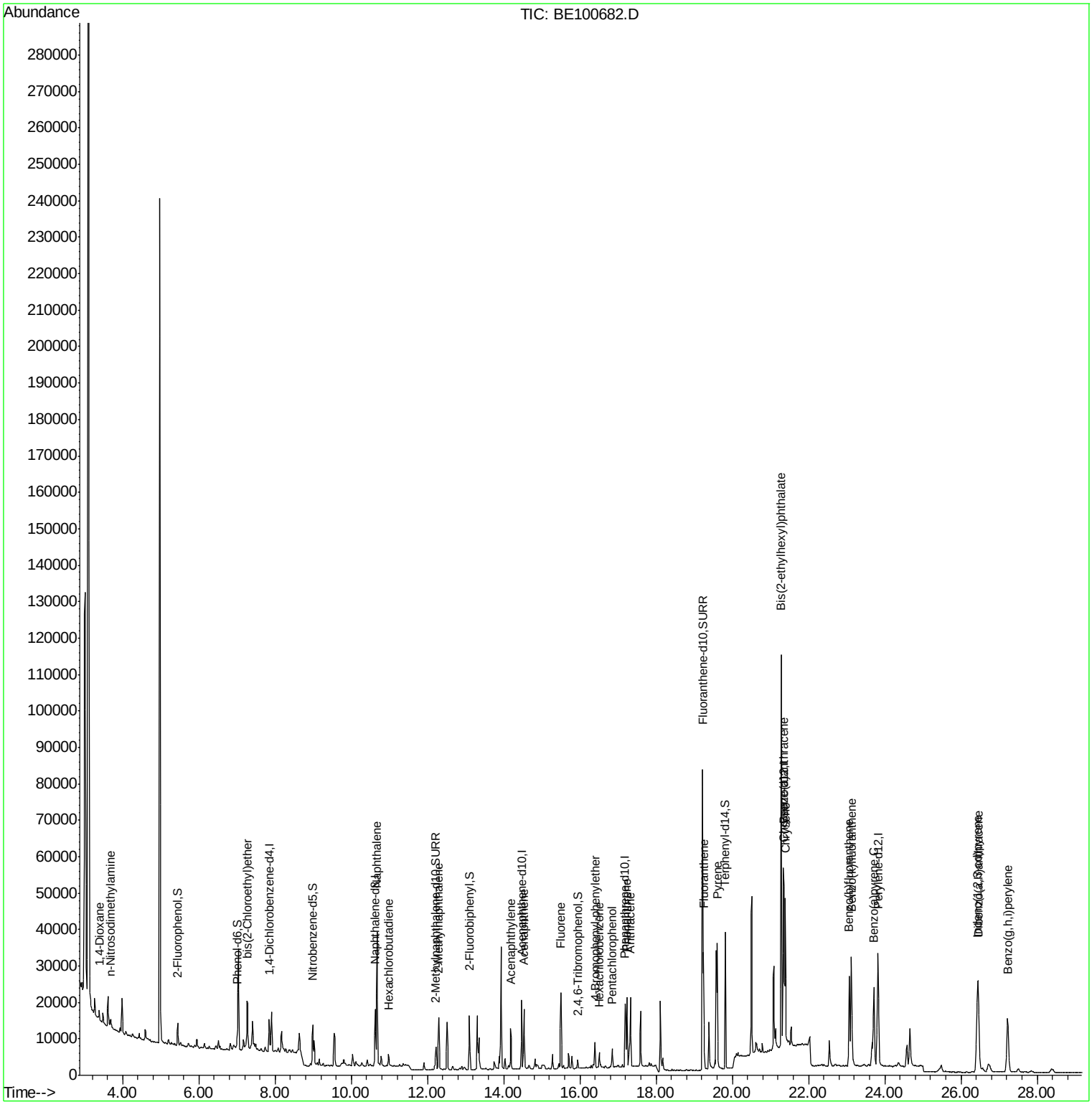
(#) = qualifier out of range (m) = manual integration (+) = signals summed

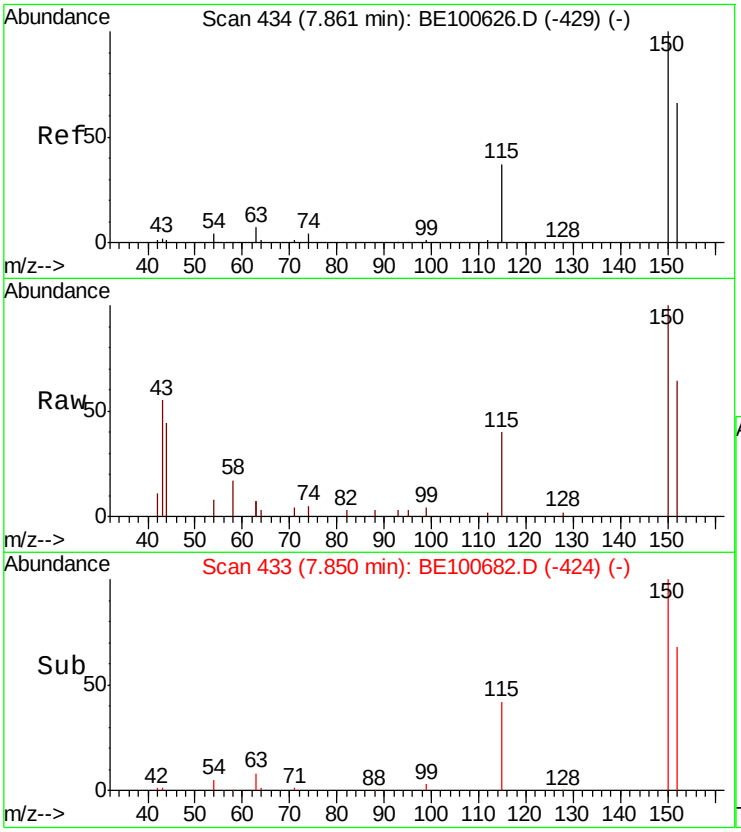
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100682.D
Acq On : 28 Oct 2019 20:19
Operator : JU
Sample : K5546-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 29 11:53:28 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



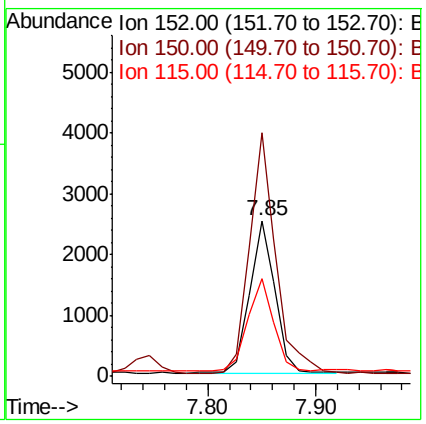


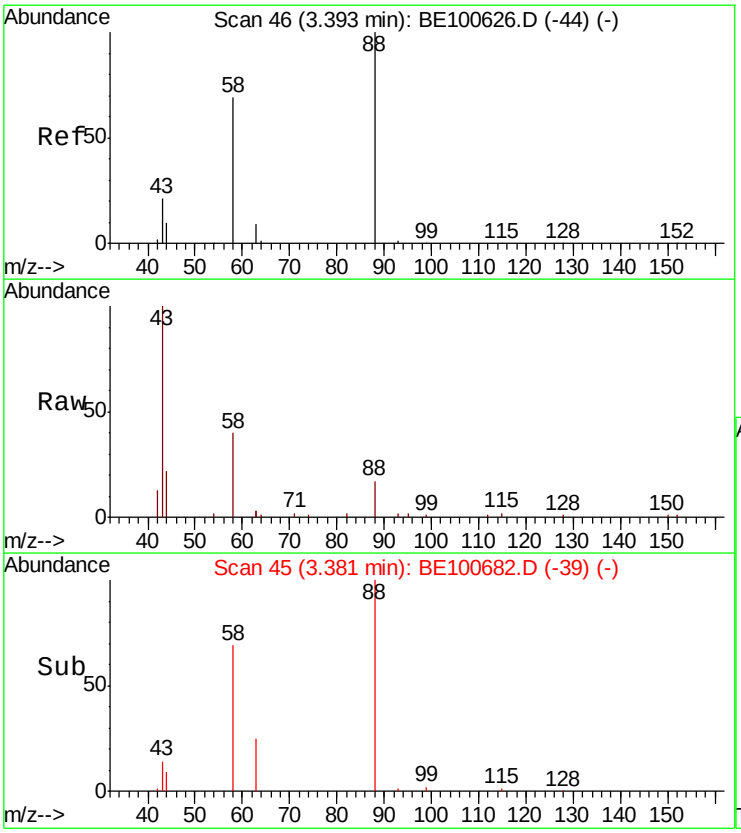
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4012

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.3	184.9
115	63.3	51.9	77.9

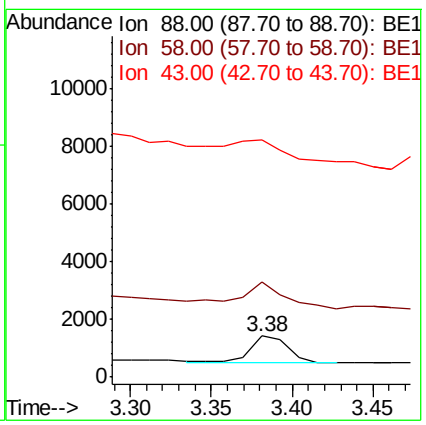


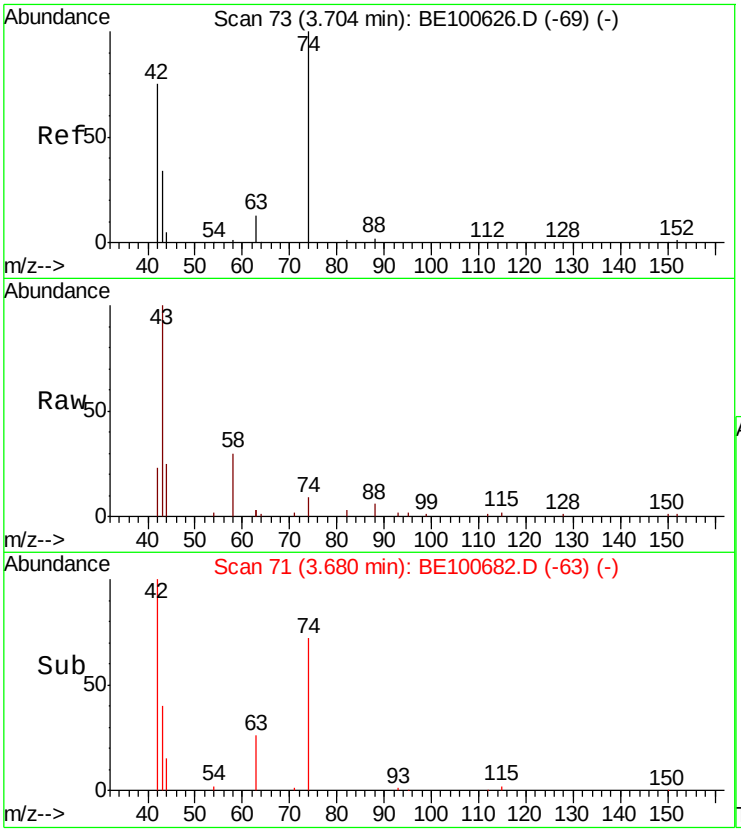


#2
1,4-Dioxane
Concen: 0.206 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion: 88 Resp: 1473

Ion	Ratio	Lower	Upper
88	100		
58	100.1	59.8	89.6#
43	0.0	24.6	36.8#



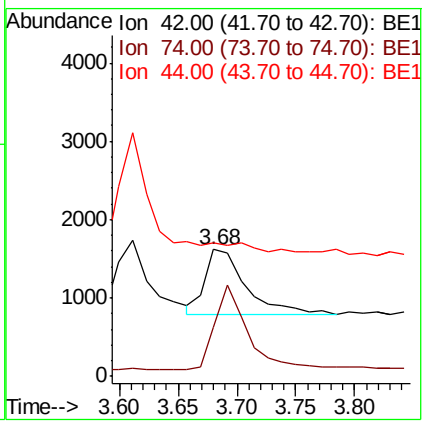


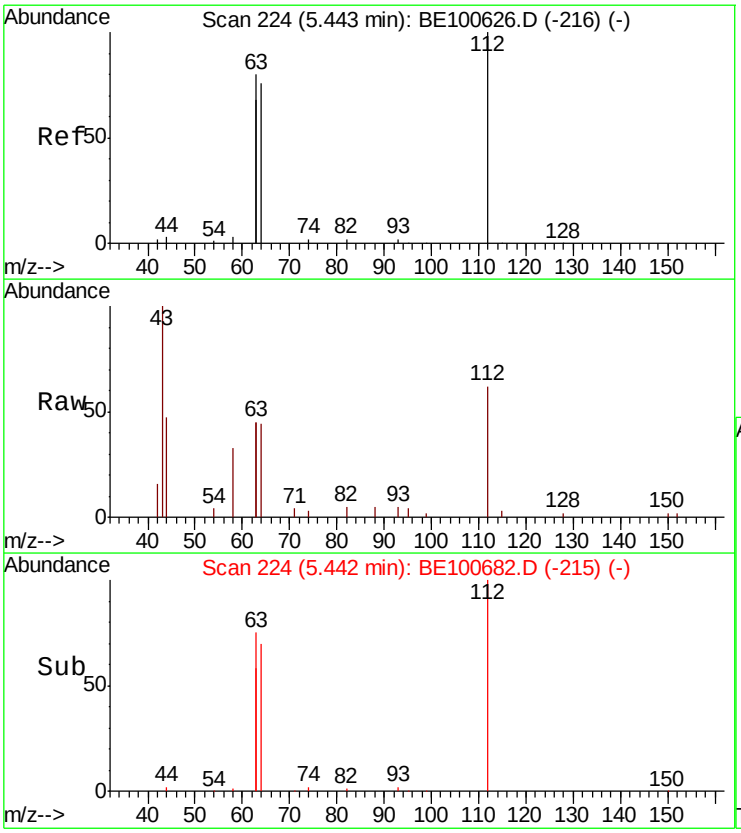
#3
n-Nitrosodimethylamine
Concen: 0.260 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1965

Ion	Ratio	Lower	Upper
42	100		
74	104.9	97.2	145.8
44	0.0	16.6	24.8#

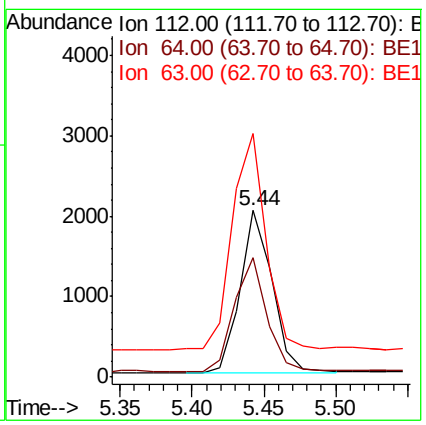


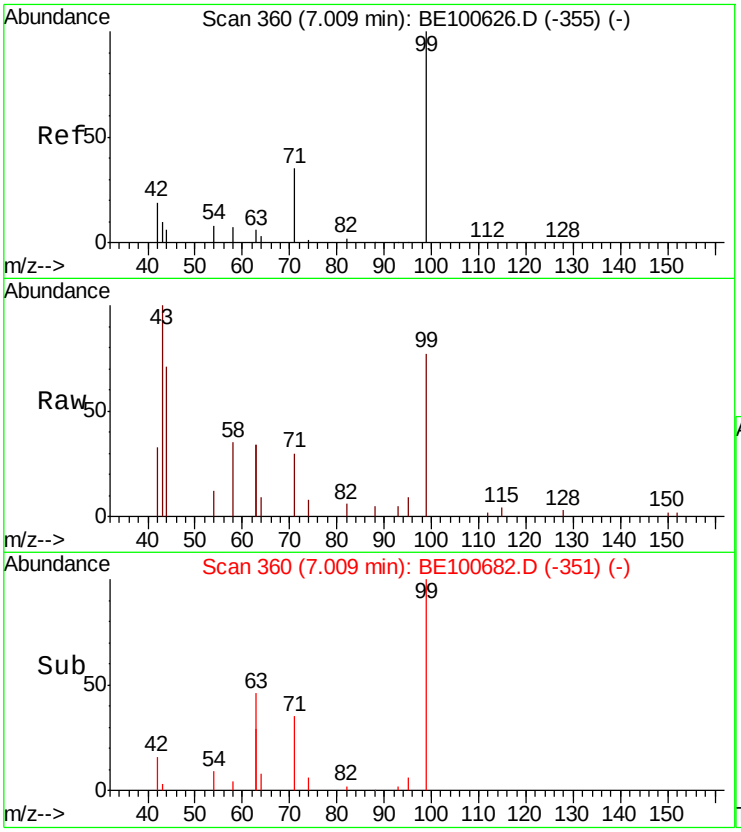


#4
2-Fluorophenol
Concen: 0.250 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:112 Resp: 3092

Ion	Ratio	Lower	Upper
112	100		
64	71.2	55.4	83.2
63	140.8	114.2	171.4



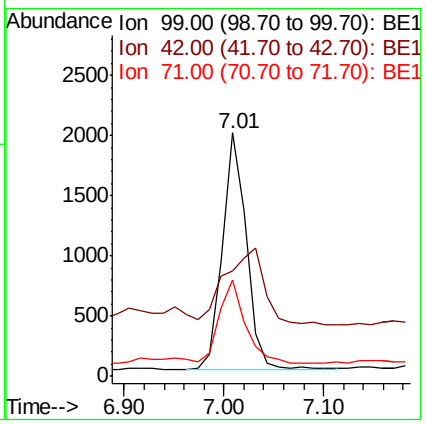


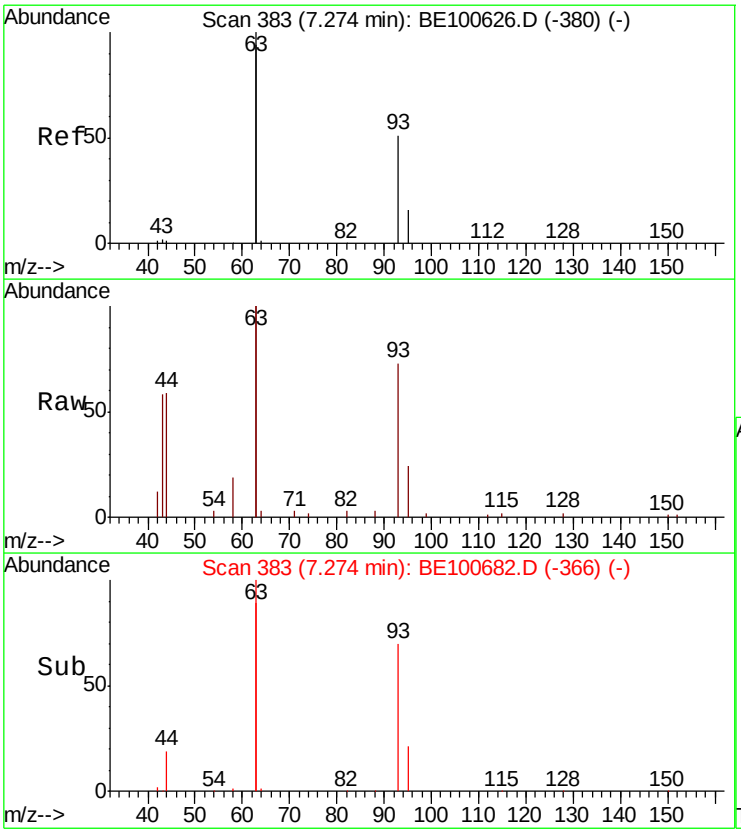
#5
Phenol-d6
Concen: 0.188 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3278

Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.7	26.5#
71	38.4	27.4	41.0

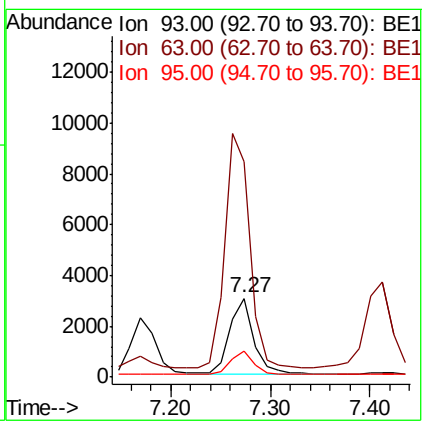


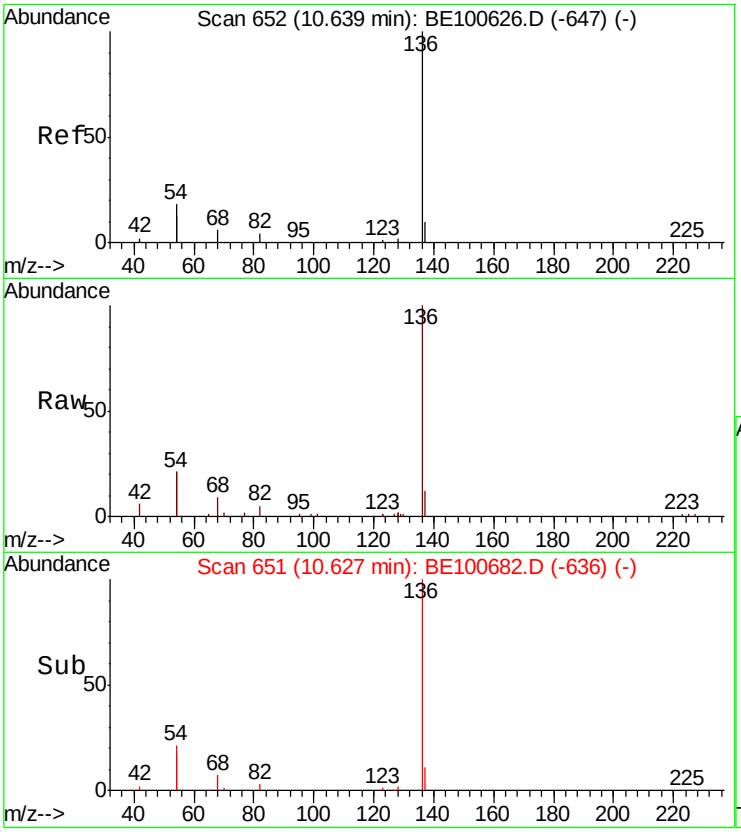


#6
bis(2-Chloroethyl)ether
Concen: 0.354 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion: 93 Resp: 5076

Ion	Ratio	Lower	Upper
93	100		
63	312.3	268.8	403.2
95	29.1	25.6	38.4



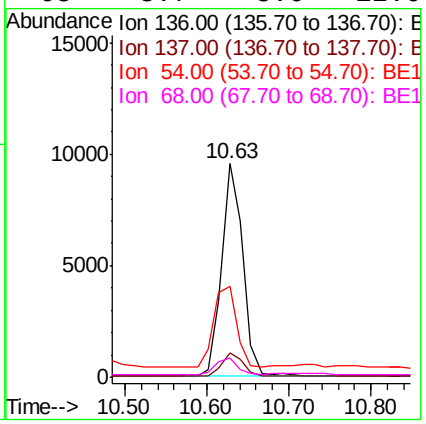


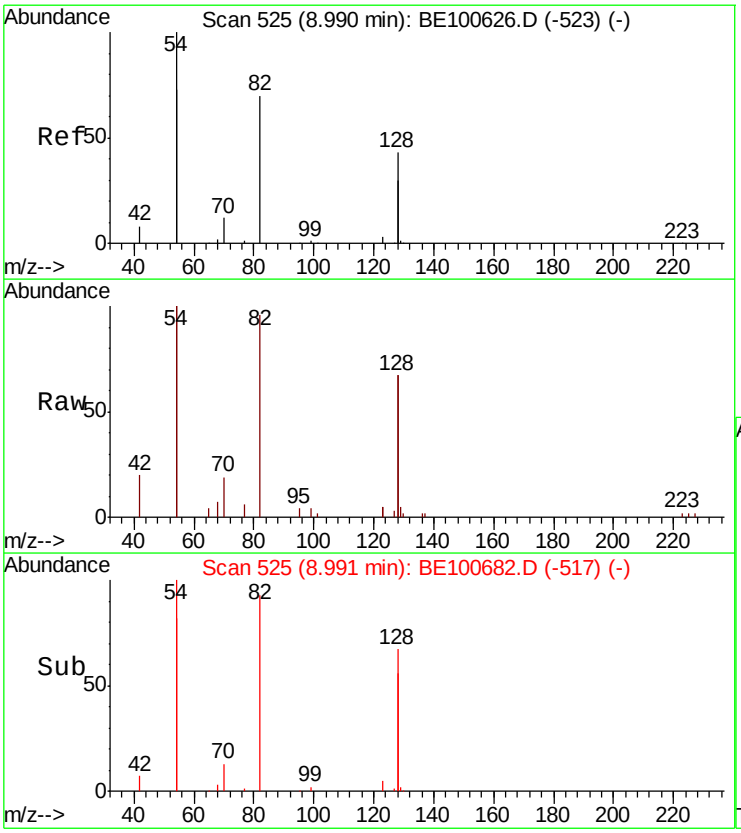
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 17147

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	42.4	39.4	59.2
68	8.7	8.0	12.0

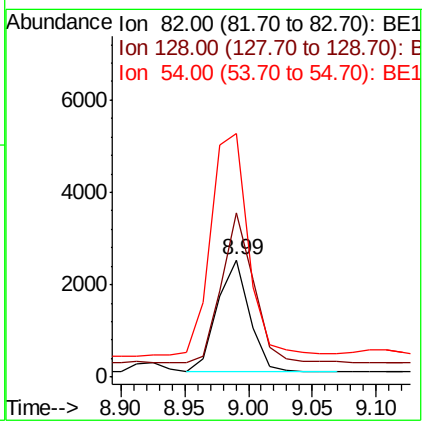


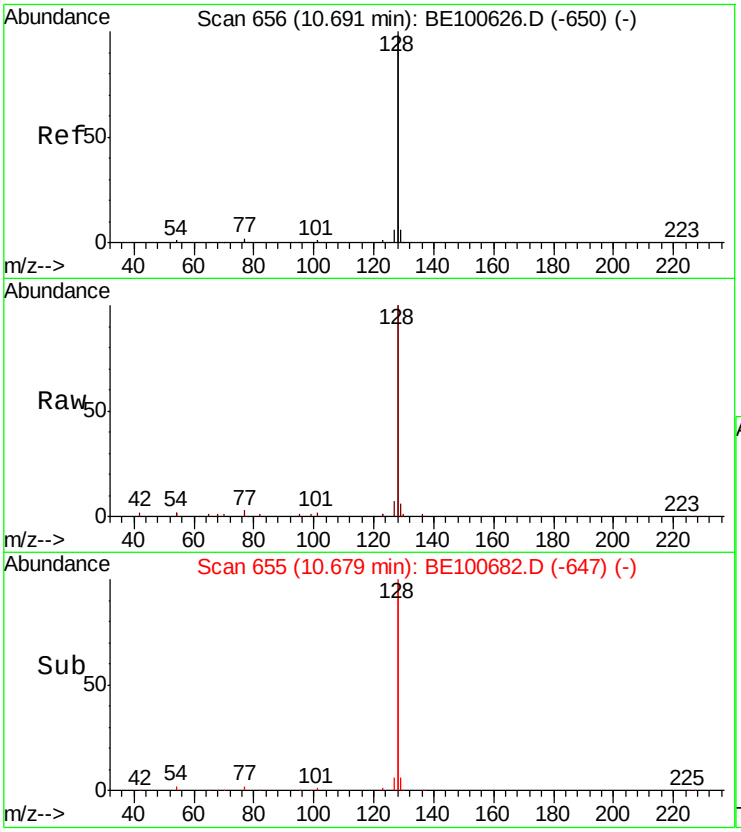


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion: 82 Resp: 4235

Ion	Ratio	Lower	Upper
82	100		
128	139.9	107.8	161.8
54	207.6	166.1	249.1



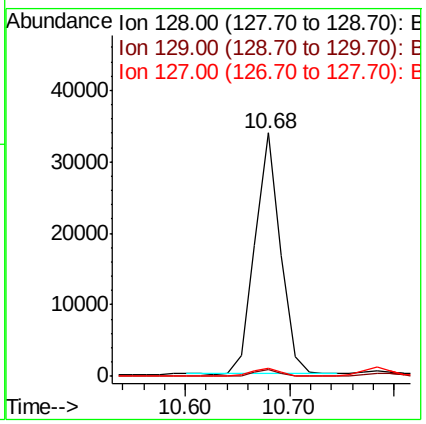


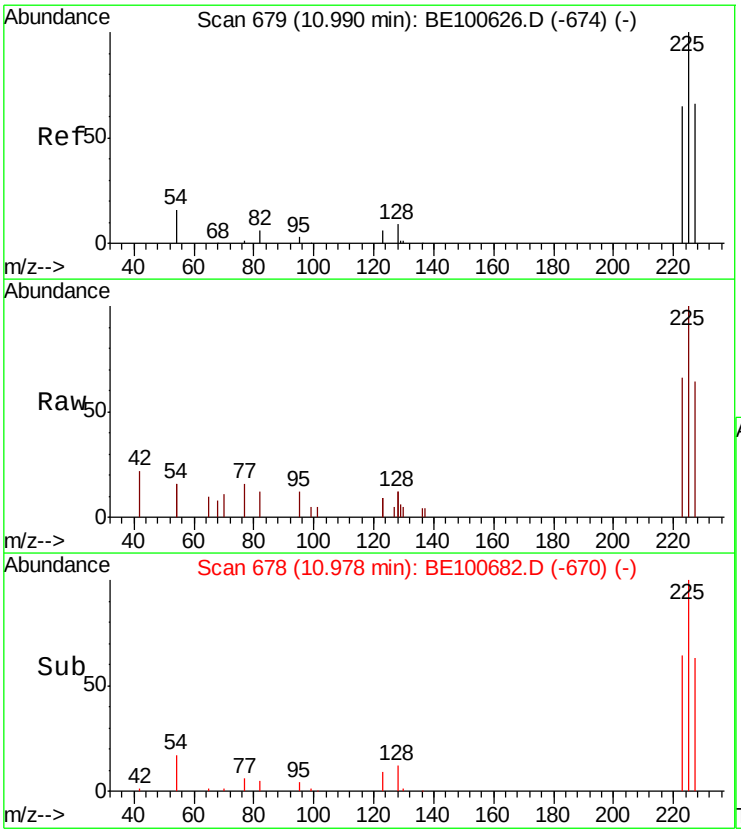
#9
Naphthalene
Concen: 0.318 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 57316

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.4	2.7	4.1

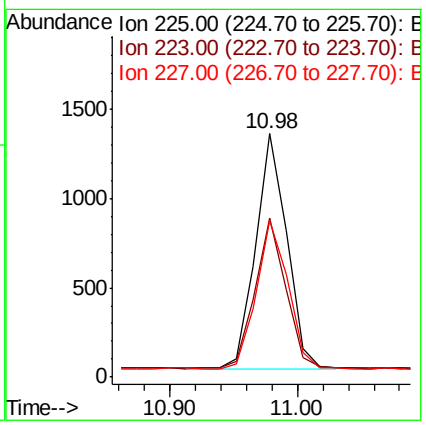


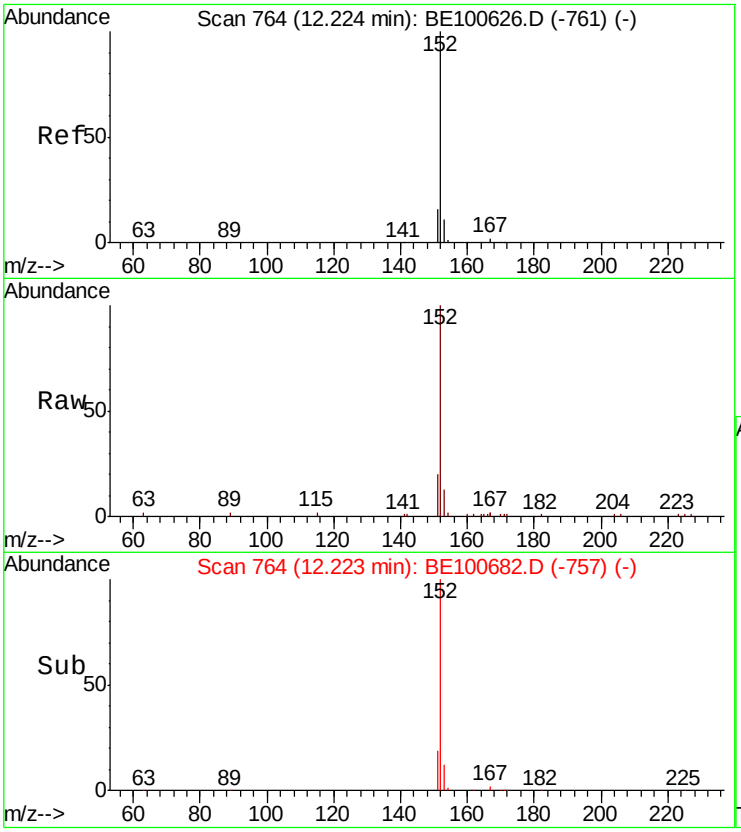


#10
Hexachlorobutadiene
Concen: 0.284 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:225 Resp: 2221

Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.6	72.8
227	63.6	51.6	77.4



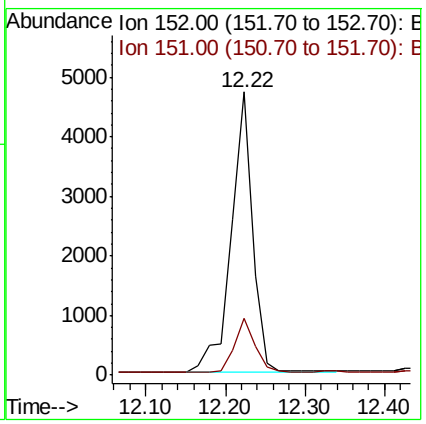


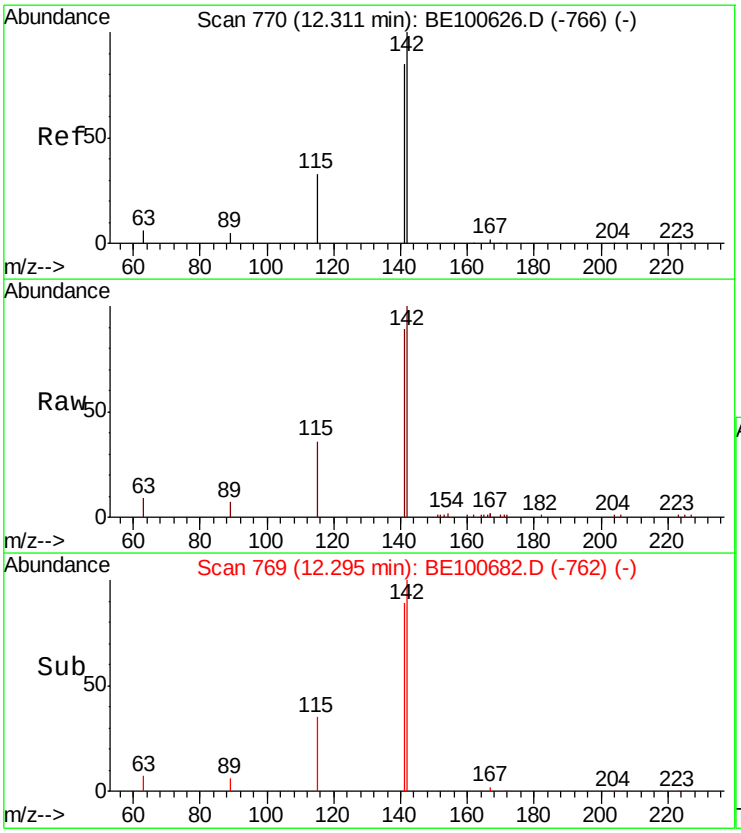
#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8672

Ion	Ratio	Lower	Upper
152	100		
151	18.1	14.7	22.1

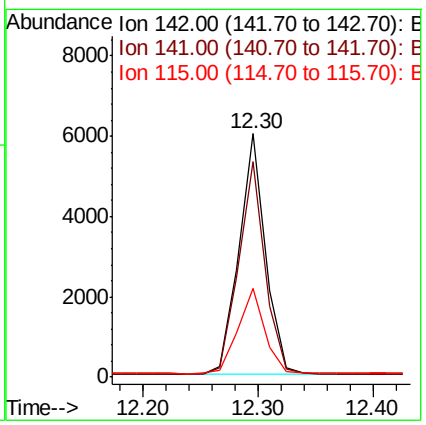


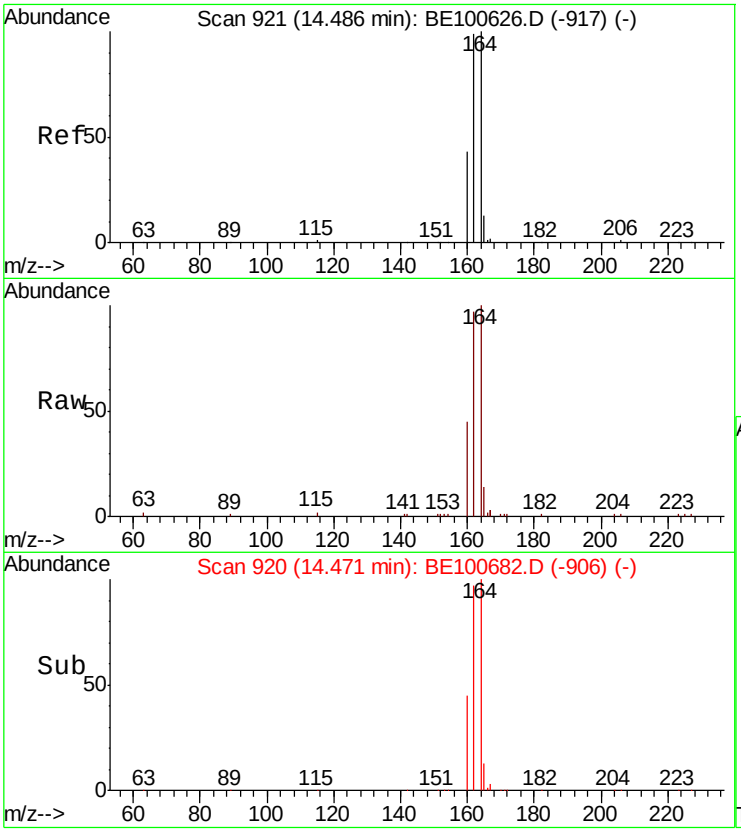


#12
2-Methylnaphthalene
Concen: 0.311 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:142 Resp: 9560

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.1	105.1
115	36.2	28.3	42.5



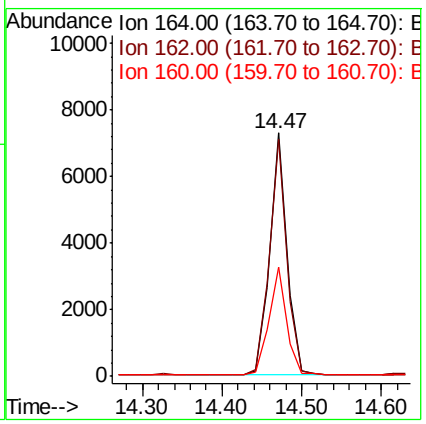


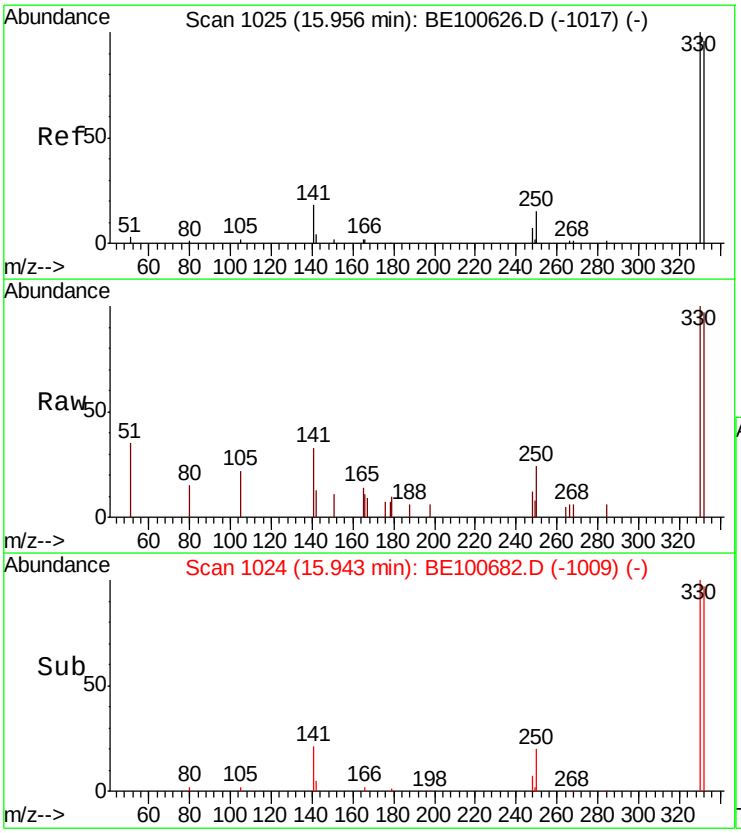
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10818

Ion	Ratio	Lower	Upper
164	100		
162	97.3	82.0	123.0
160	45.0	37.5	56.3

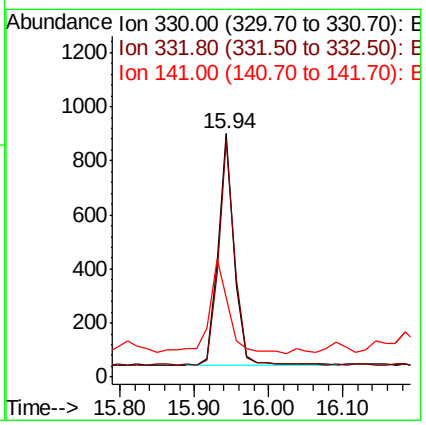


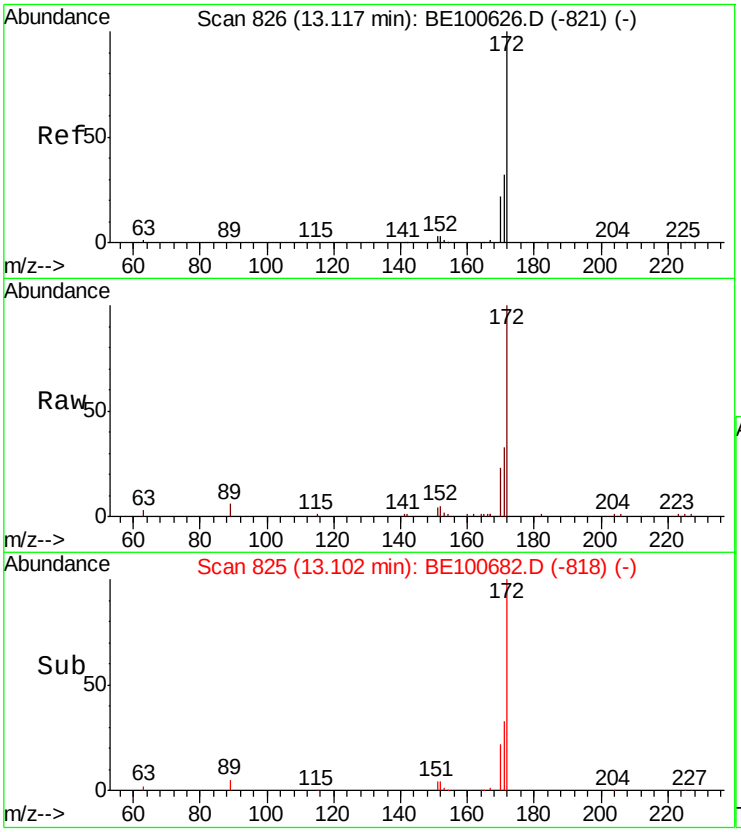


#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:330 Resp: 1311

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.9	116.9
141	48.2	33.0	49.6



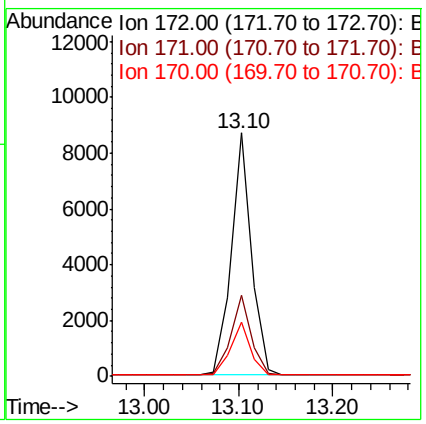


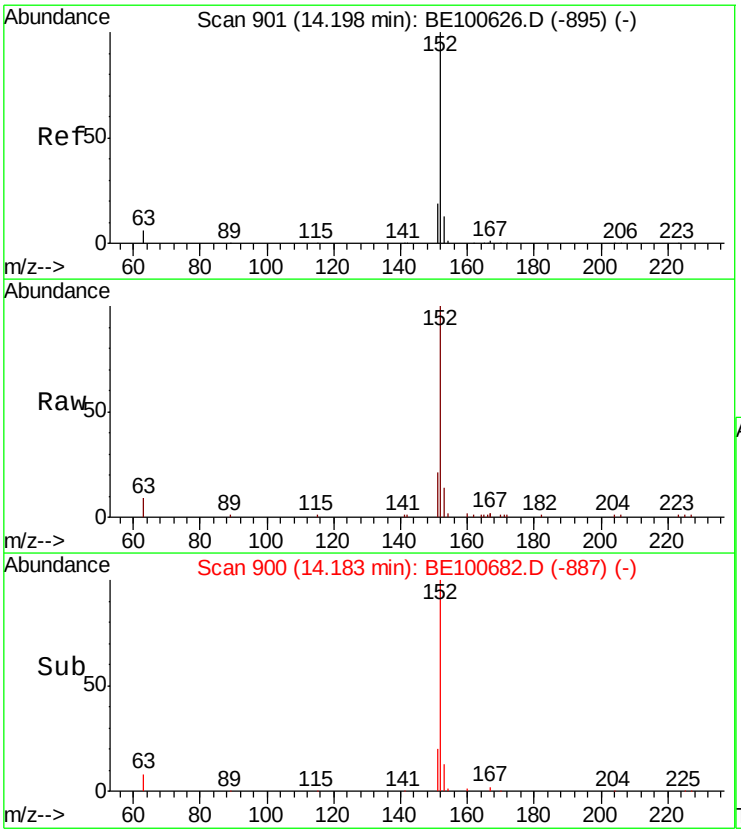
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 12911

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.5	39.7
170	22.5	19.0	28.4

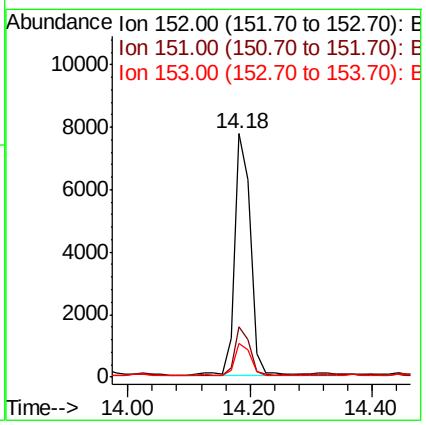


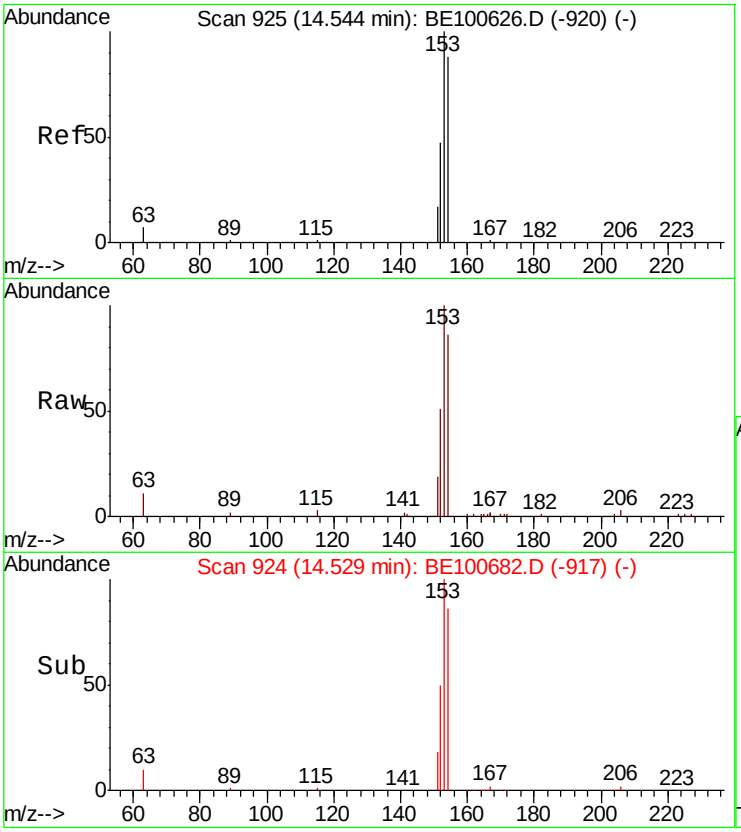


#16
Acenaphthylene
Concen: 0.301 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:152 Resp: 14023

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8
153	13.0	10.3	15.5



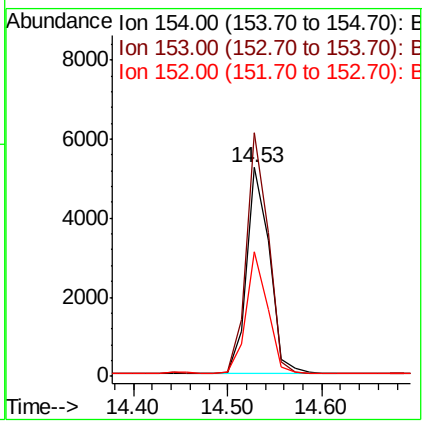


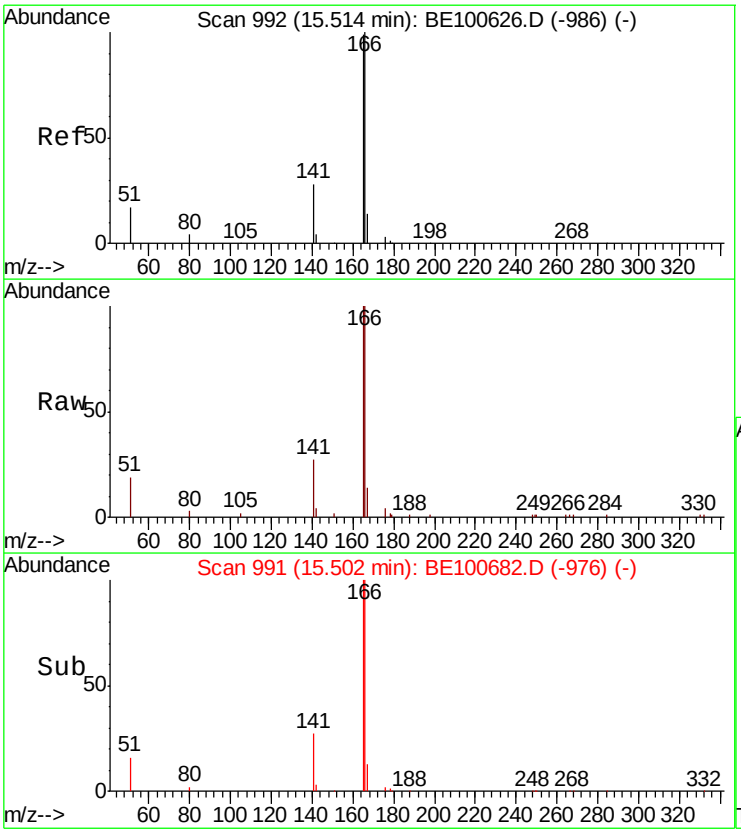
#17
Acenaphthene
Concen: 0.293 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8804

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.2
152	55.6	44.1	66.1

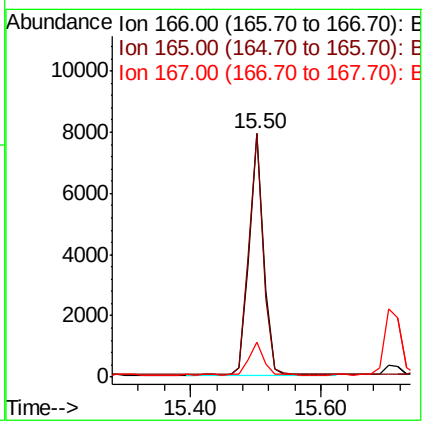


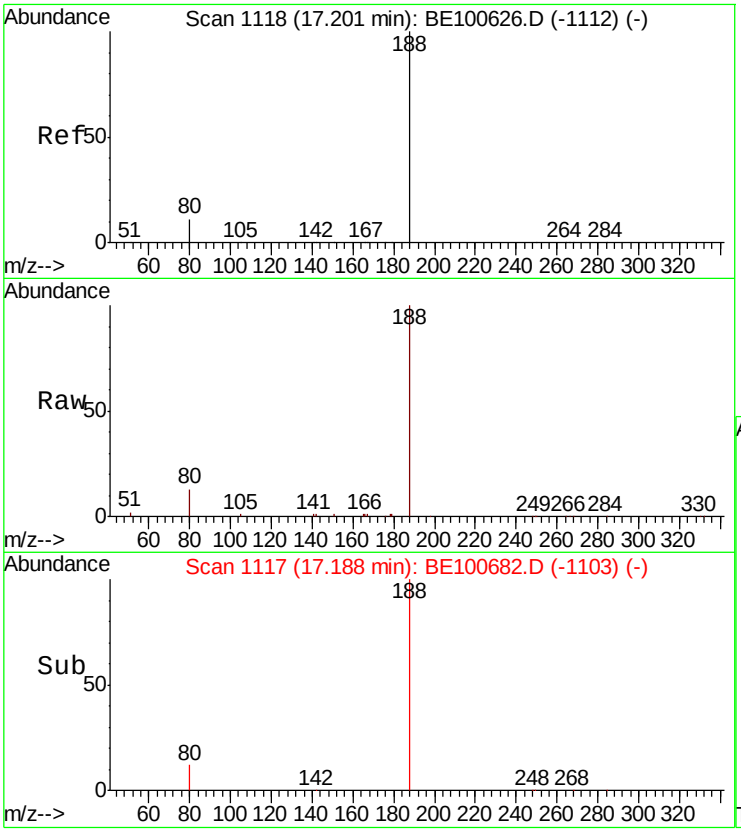


#18
Fluorene
Concen: 0.298 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:166 Resp: 11890

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.9	10.9	16.3



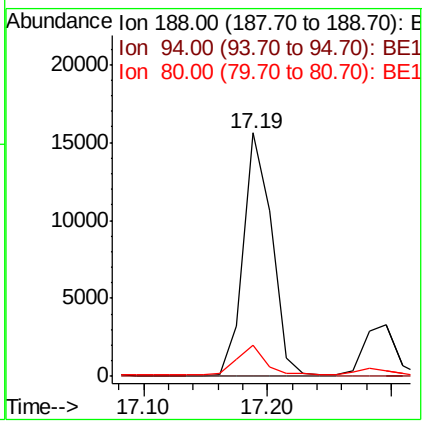


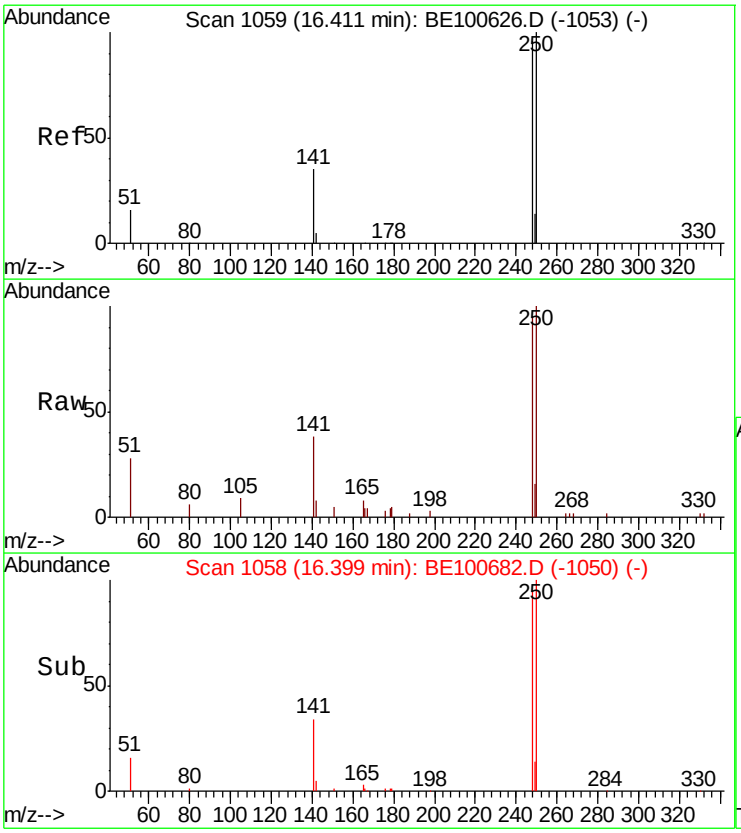
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24619

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	5.4	8.0#

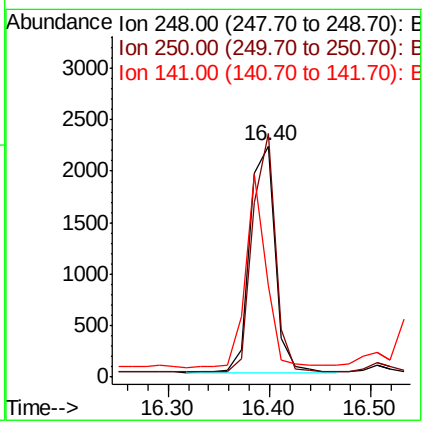


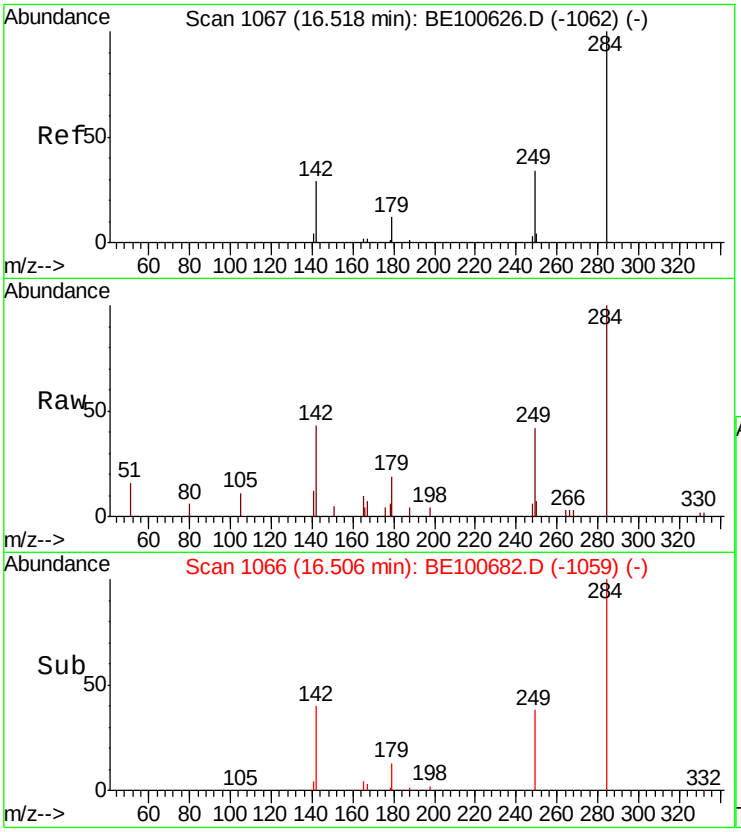


#20
4-Bromophenyl-phenylether
Concen: 0.309 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:248 Resp: 3866

Ion	Ratio	Lower	Upper
248	100		
250	105.3	76.3	114.5
141	39.7	37.3	55.9



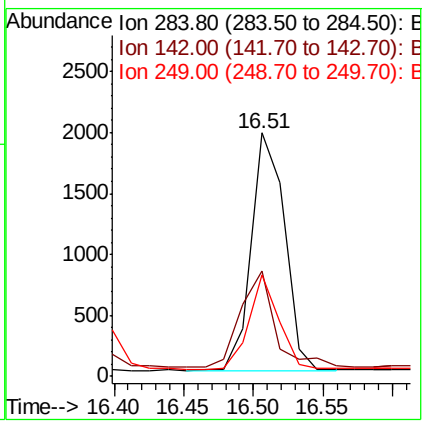


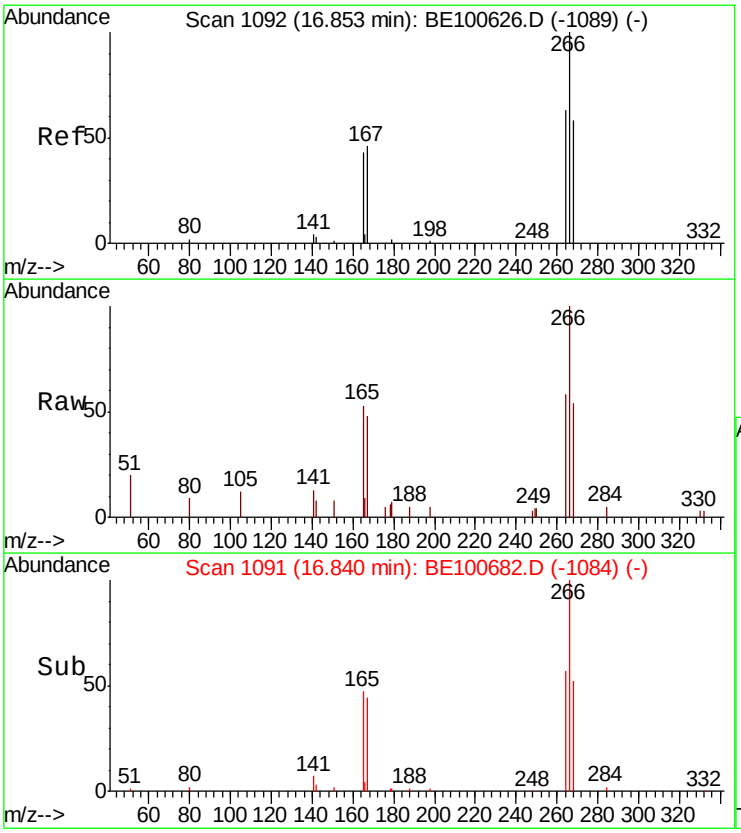
#21
Hexachlorobenzene
Concen: 0.271 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3240

Ion	Ratio	Lower	Upper
284	100		
142	40.7	28.6	42.8
249	35.5	26.3	39.5

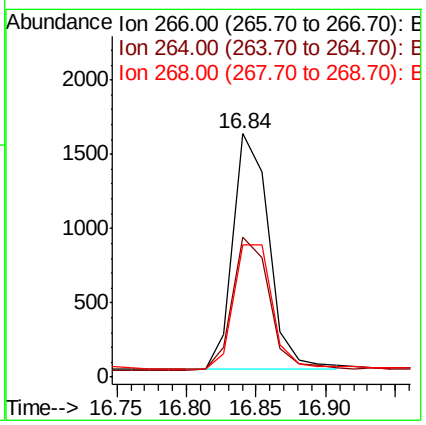


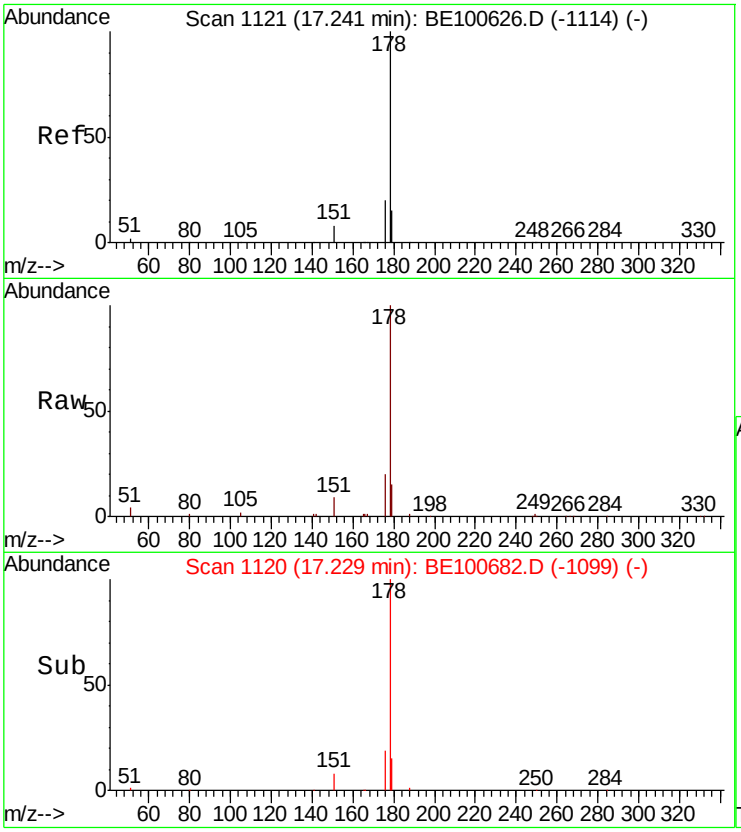


#22
Pentachlorophenol
Concen: 0.739 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:266 Resp: 2841

Ion	Ratio	Lower	Upper
266	100		
264	57.7	52.2	78.4
268	54.2	53.1	79.7



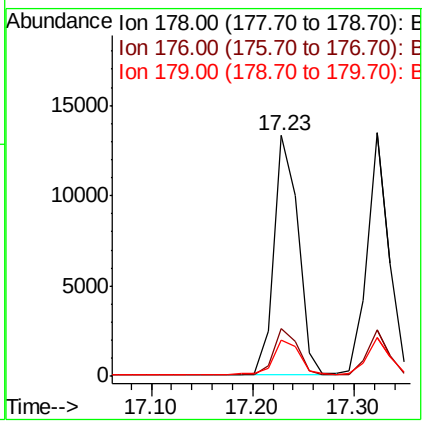


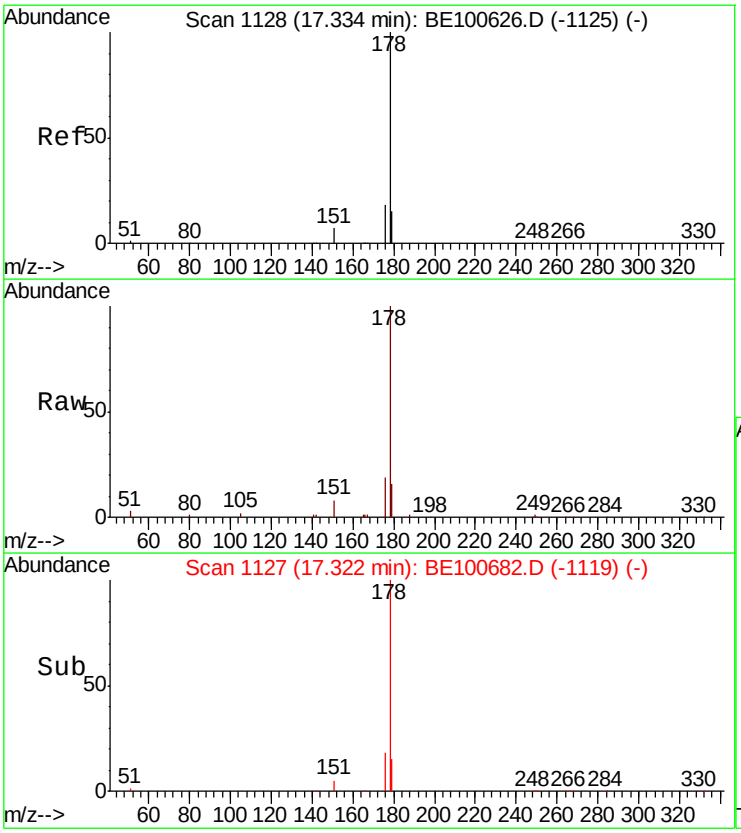
#23
Phenanthrene
Concen: 0.323 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 21839

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.1	18.1

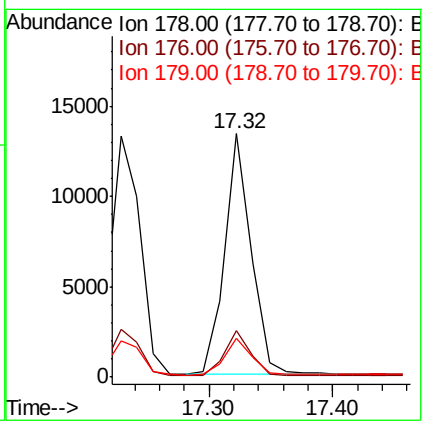


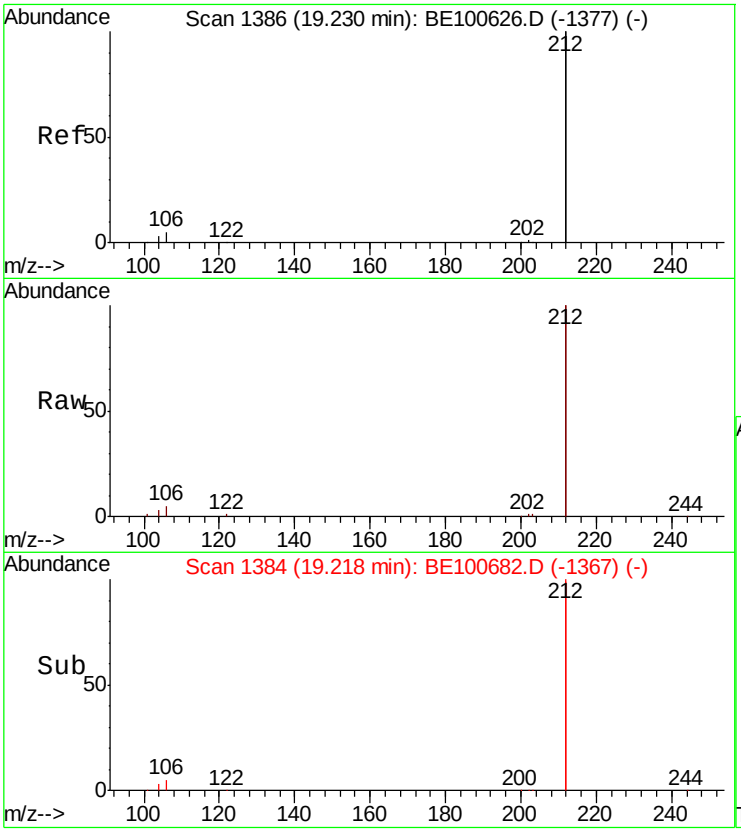


#24
Anthracene
Concen: 0.315 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:178 Resp: 19814

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.5	18.7



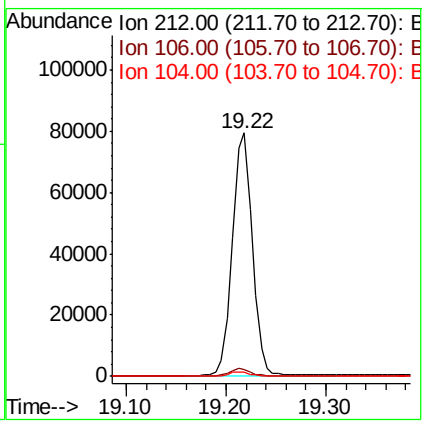


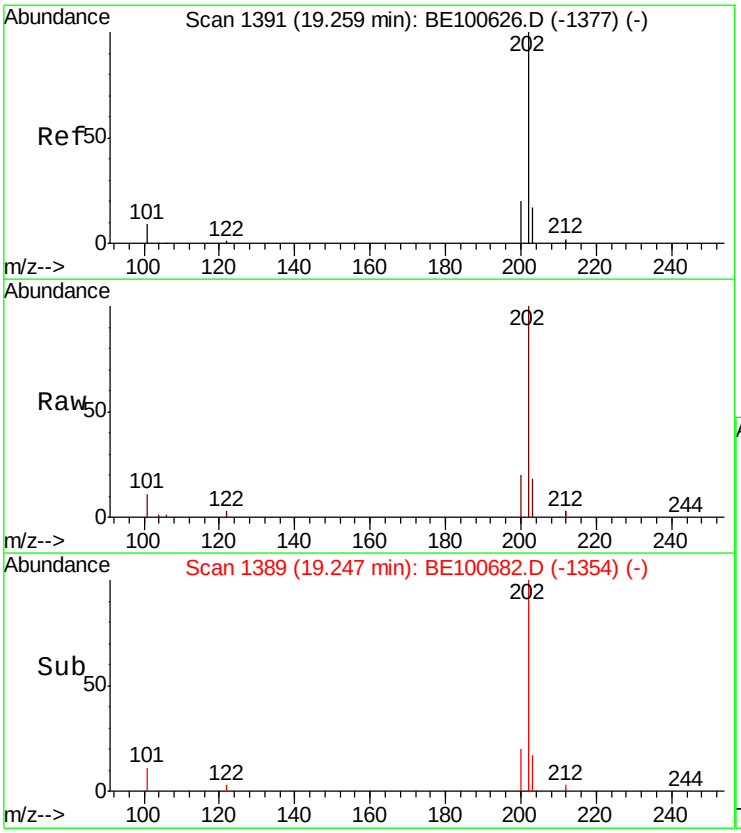
#25
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 109738

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.3	3.5
104	1.7	1.3	1.9

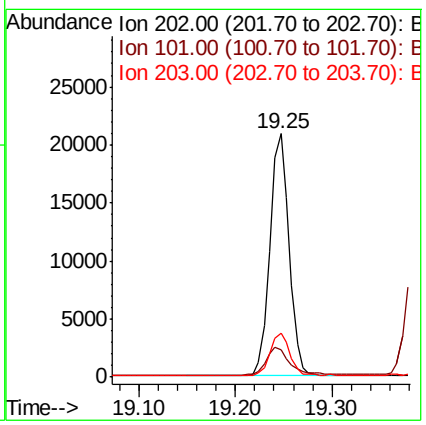


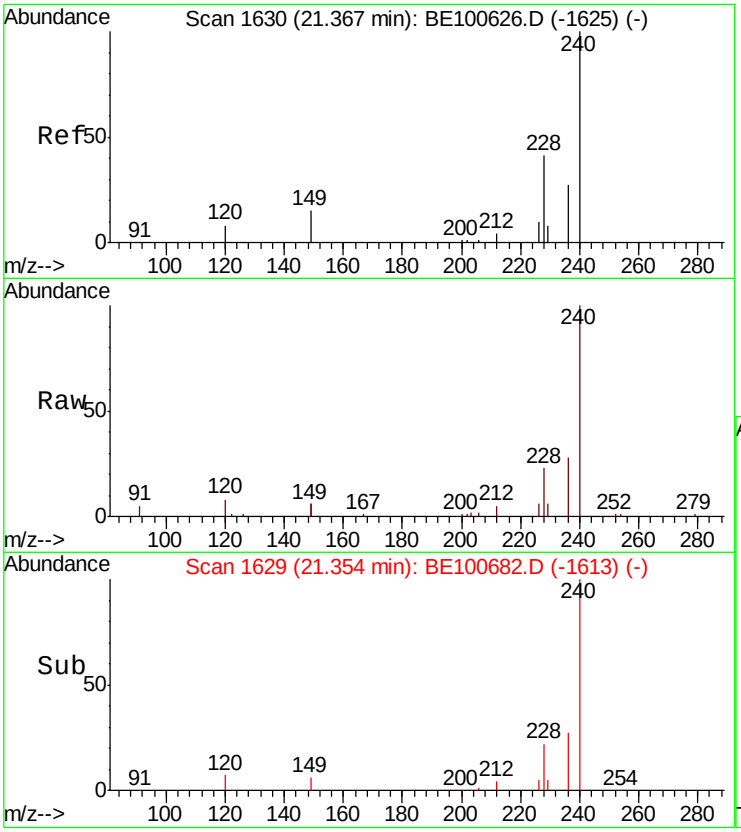


#26
Fluoranthene
Concen: 0.326 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:202 Resp: 28776

Ion	Ratio	Lower	Upper
202	100		
101	14.1	8.5	12.7#
203	17.9	13.8	20.8



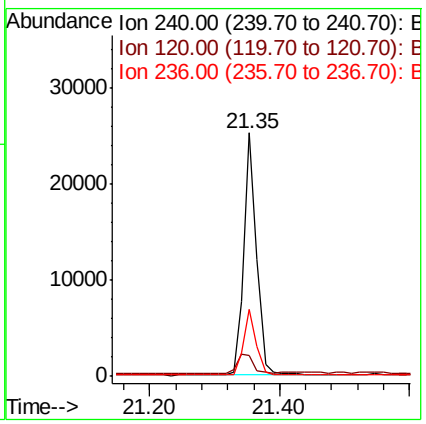


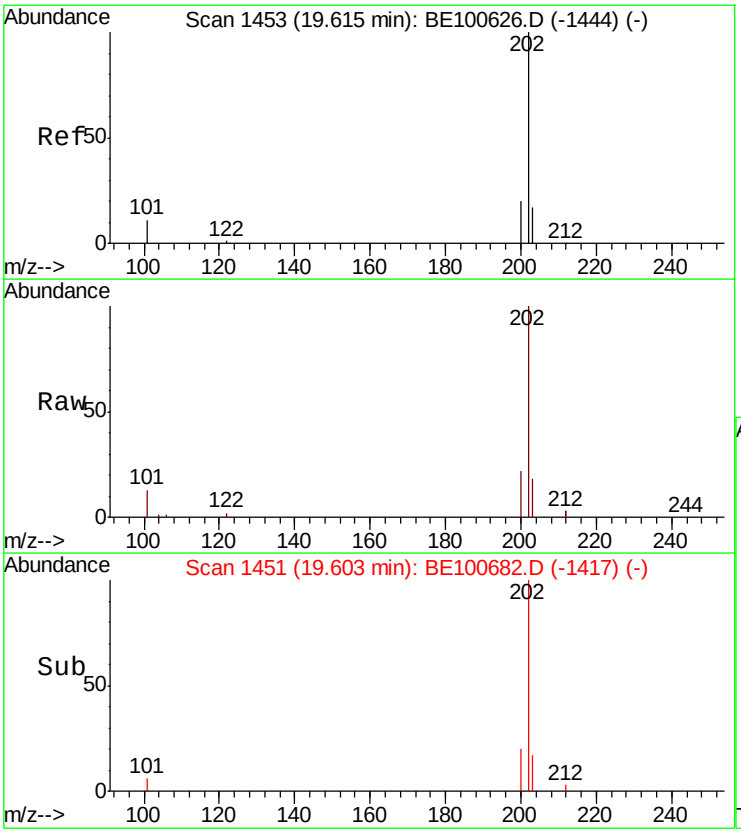
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 34663

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.6	11.4
236	27.6	22.1	33.1

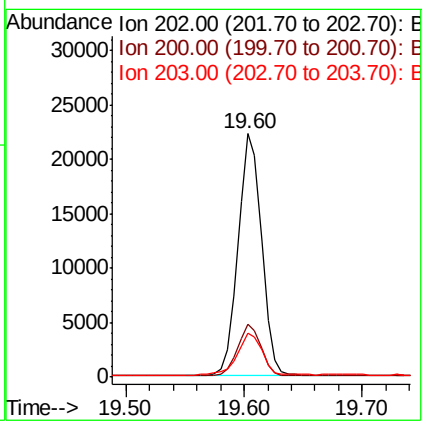


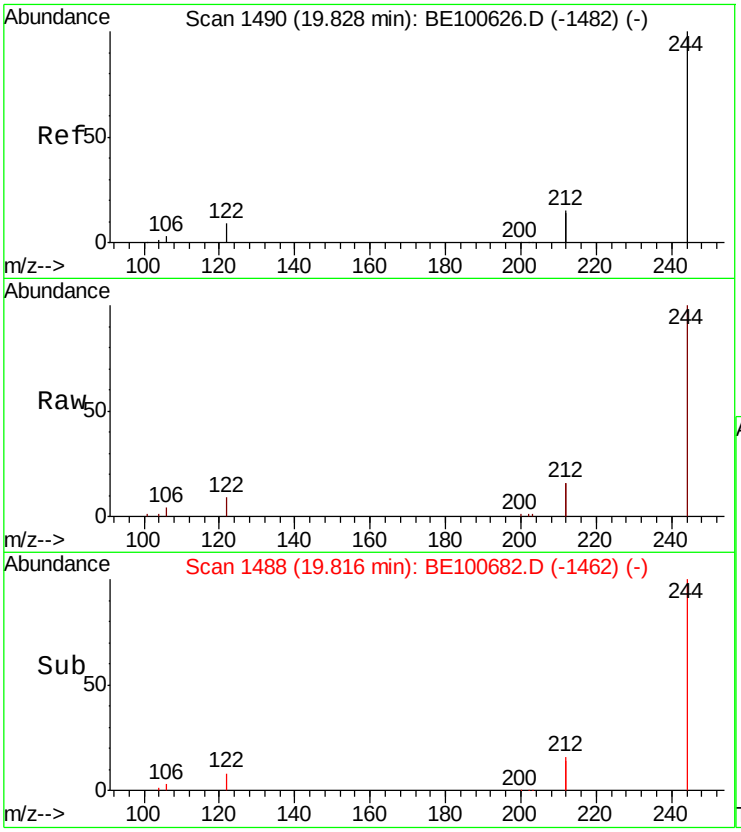


#28
Pyrene
Concen: 0.317 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:202 Resp: 30688

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.1	14.0	21.0



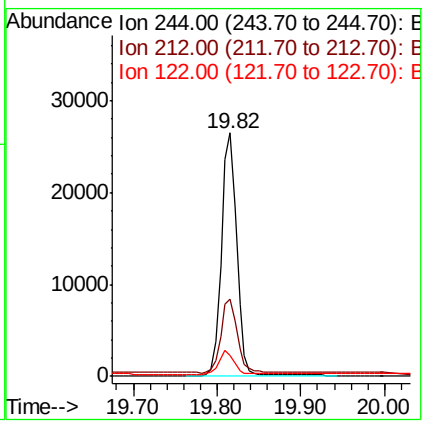


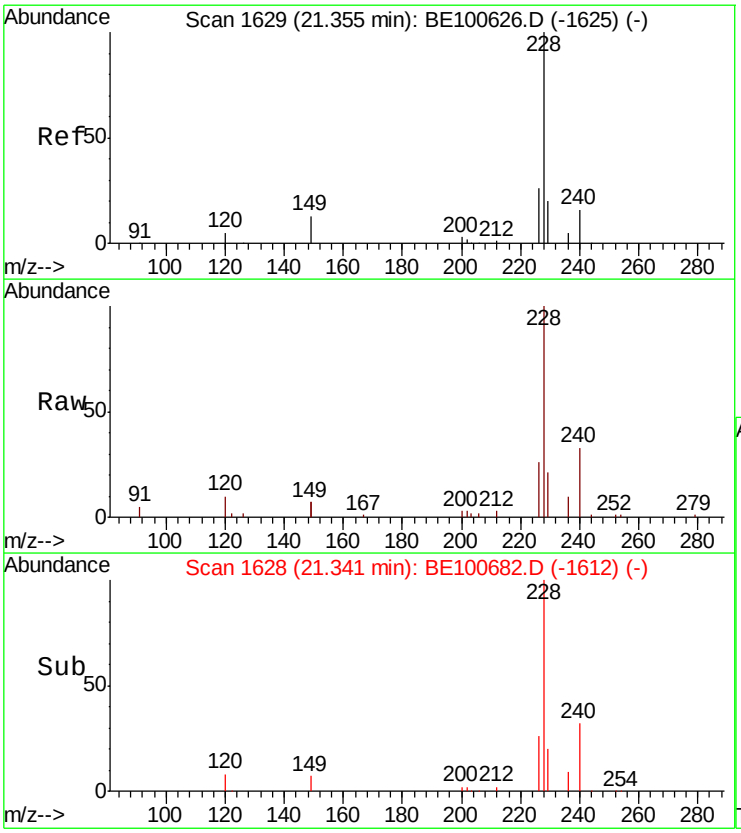
#29
Terphenyl-d14
Concen: 0.438 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 33221

Ion	Ratio	Lower	Upper
244	100		
212	31.8	23.7	35.5
122	8.7	7.9	11.9

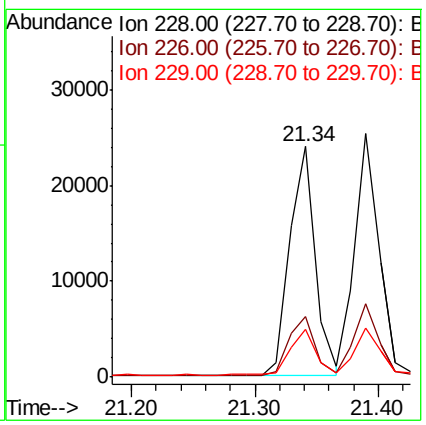


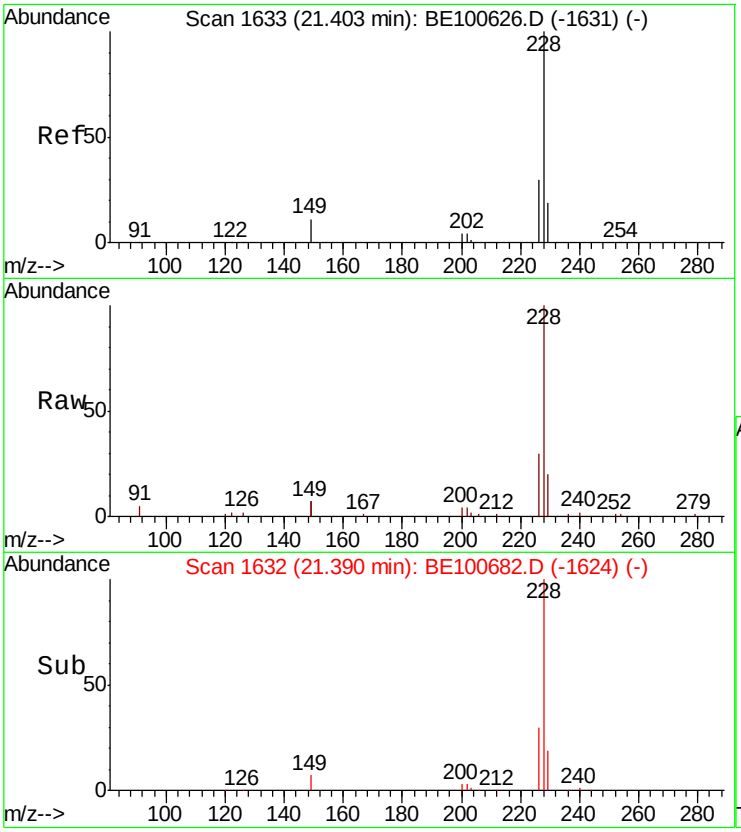


#30
Benzo(a)anthracene
Concen: 0.306 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:228 Resp: 34633

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.4	32.0
229	20.7	16.0	24.0



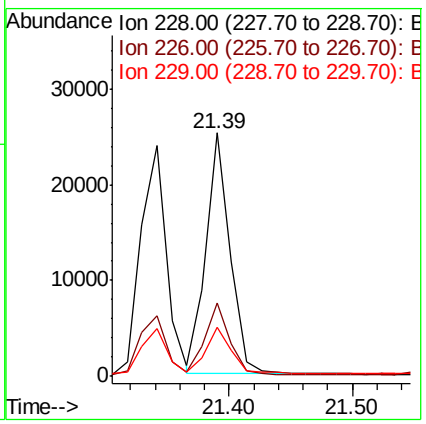


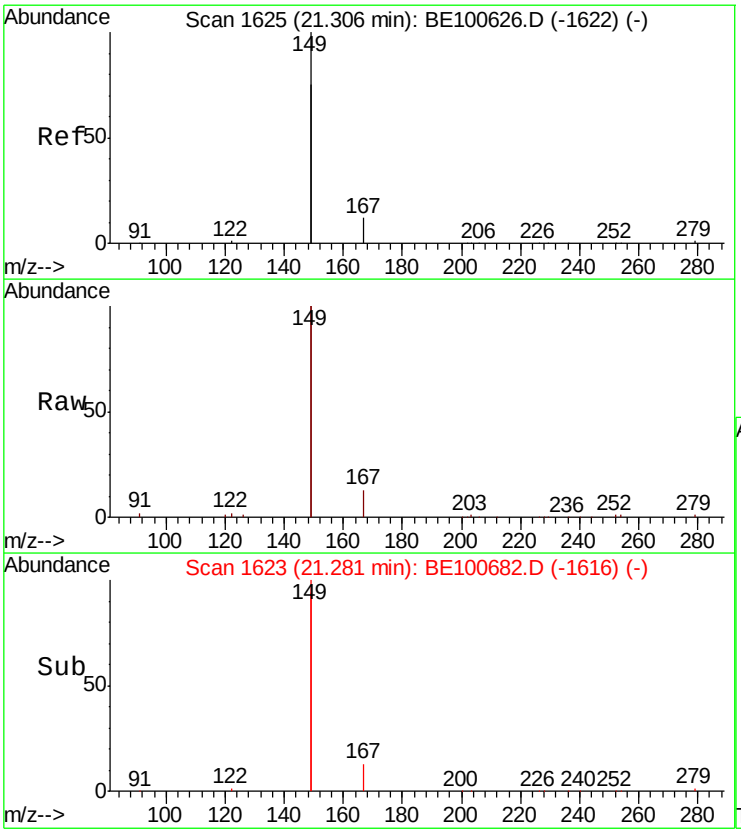
#31
Chrysene
Concen: 0.304 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 34323

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.4	15.8	23.8

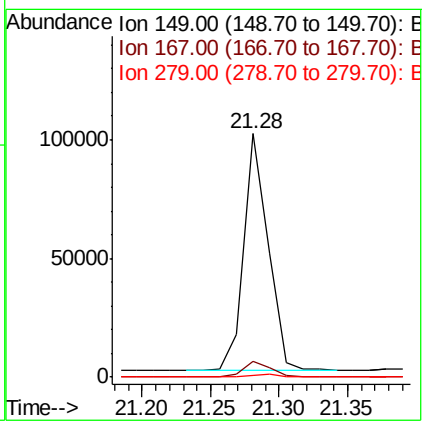


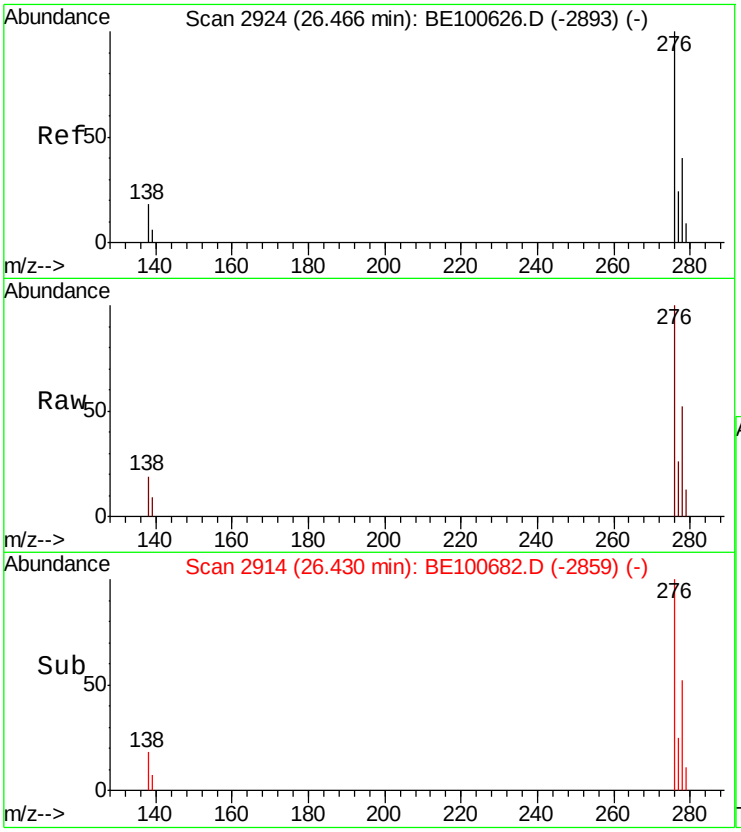


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.523 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:149 Resp: 123671

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



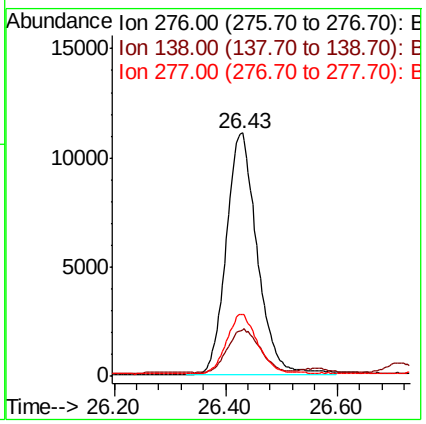


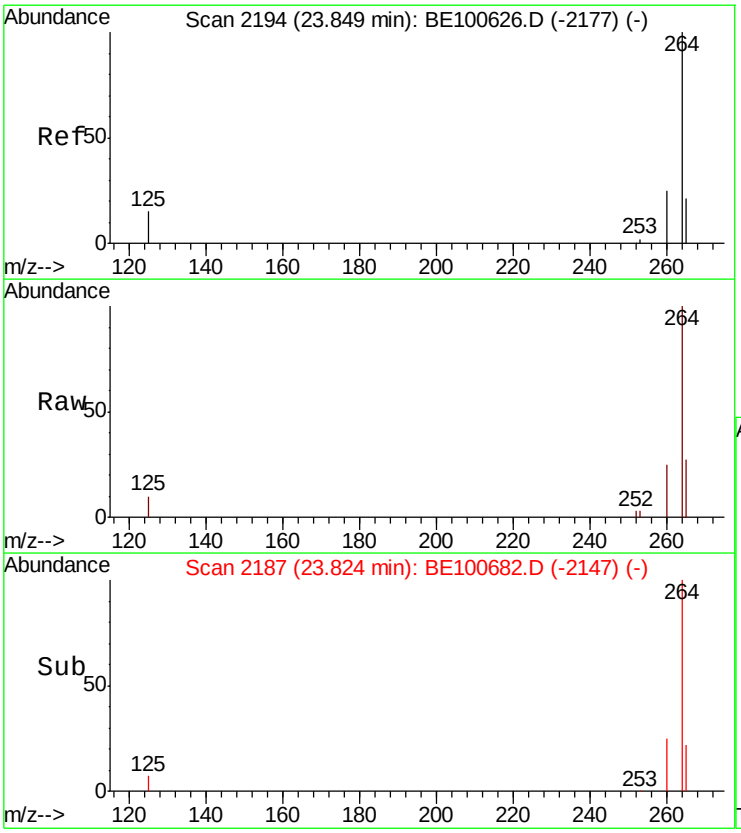
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng
RT: 26.43 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 42571

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.3	22.9
277	24.6	19.4	29.2

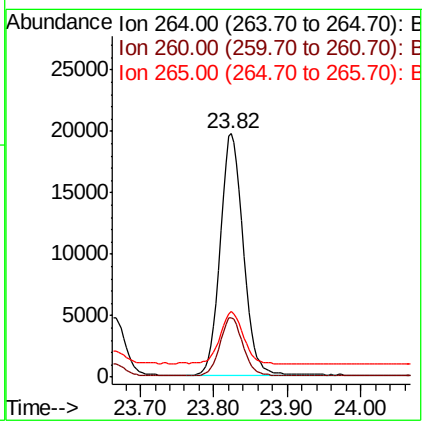


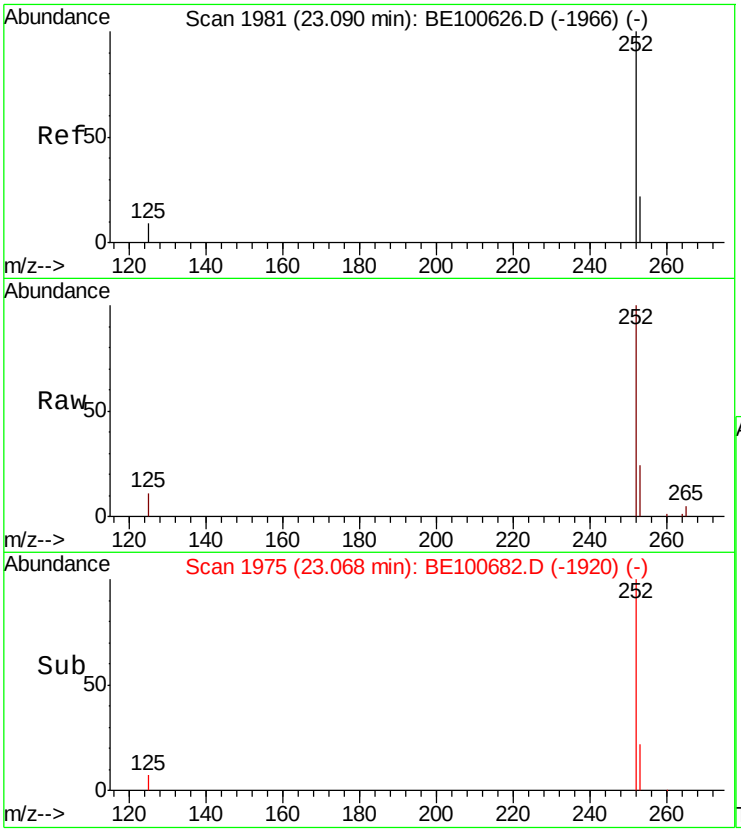


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:264 Resp: 43759

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	26.8	21.7	32.5



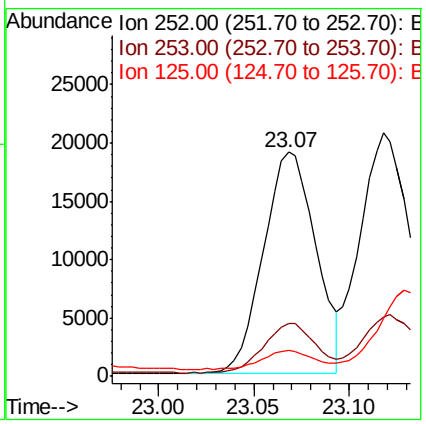


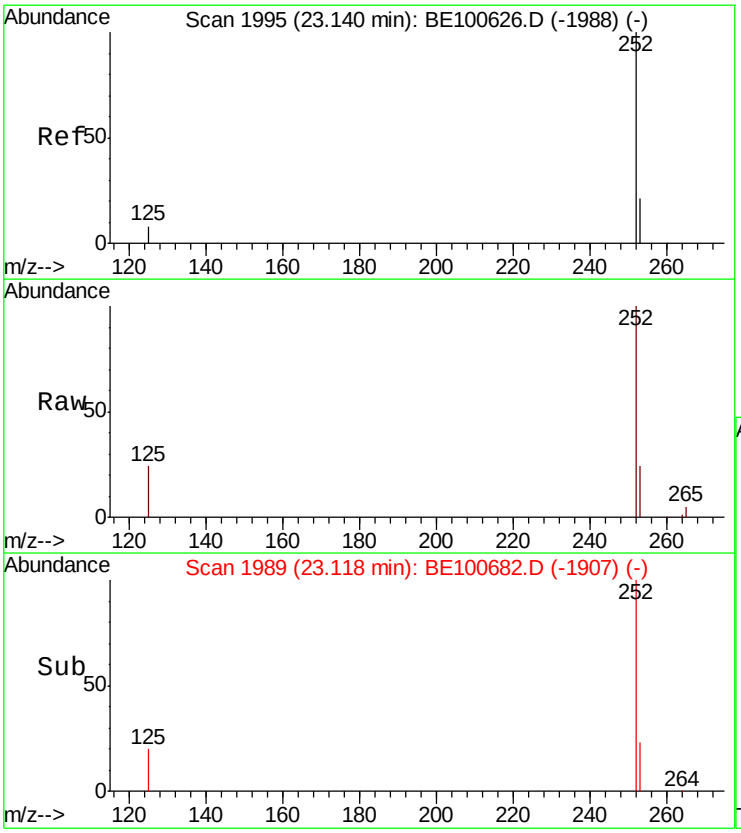
#35
Benzo(b)fluoranthene
Concen: 0.286 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36543

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	11.5	7.6	11.4#

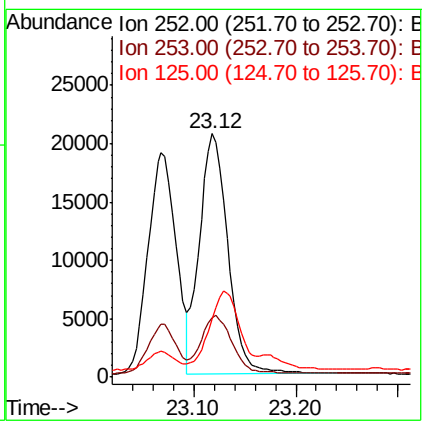


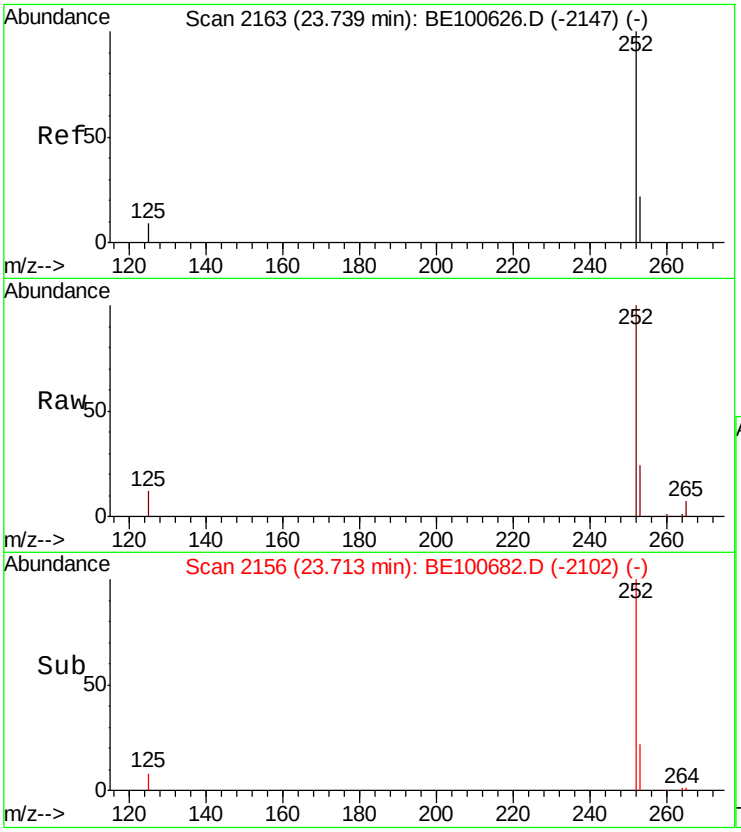


#36
Benzo(k)fluoranthene
Concen: 0.302 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:252 Resp: 39608

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	23.7	11.6	17.4#



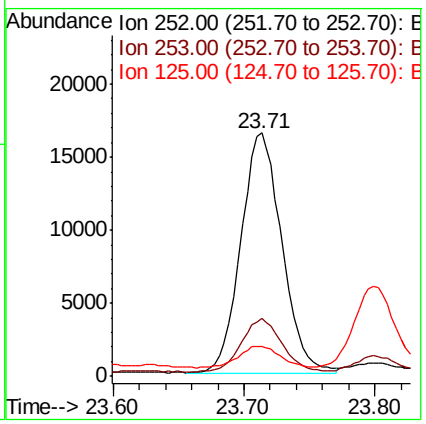


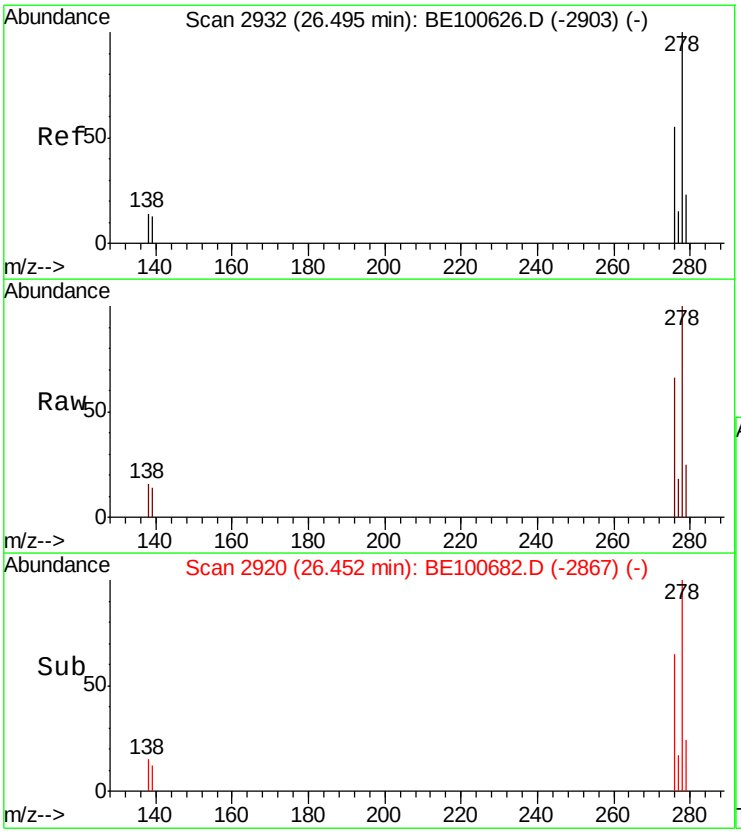
#37
Benzo(a)pyrene
Concen: 0.301 ng
RT: 23.71 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35716

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	12.3	8.2	12.4

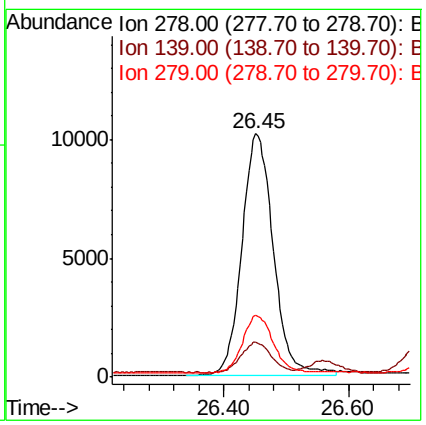


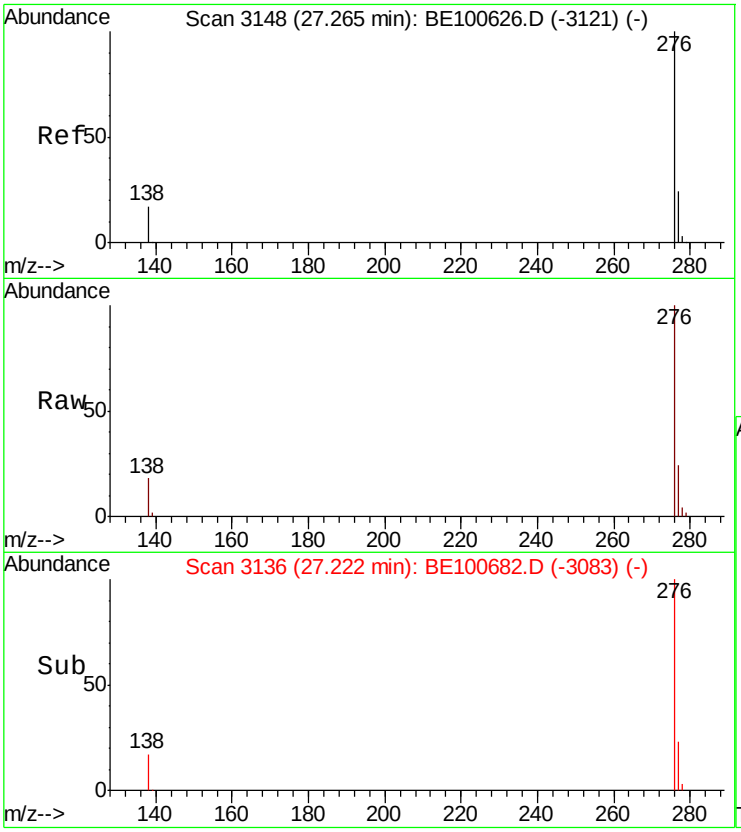


#38
Dibenzo(a,h)anthracene
Concen: 0.288 ng
RT: 26.45 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:278 Resp: 35371

Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.9	16.3
279	25.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.294 ng
RT: 27.22 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36246

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	18.1	13.6	20.4