Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100555.D
Acq On : 25 Sep 2019 13:14
Operator : JU
Sample : K4995-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 00:40:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8236	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	34776	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	17906	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	33320	0.40	ng	0.00
27) Chrysene-d12	21.37	240	40140	0.40	ng	0.00
34) Perylene-d12	23.83	264	54871	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	6474	0.34	ng	0.00
5) Phenol-d6	7.02	99	8489	0.32	ng	0.00
8) Nitrobenzene-d5	9.00	82	6297	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	15501	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	712	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	18401	0.29	ng	0.00
25) Fluoranthene-d10	19.22	212	110024	0.28	ng	0.00
29) Terphenyl-d14	19.82	244	24839	0.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2836	0.239	ng	# 77
3) n-Nitrosodimethylamine	3.66	42	2097	0.301	ng	# 87
6) bis(2-Chloroethyl)ether	7.27	93	7634	0.286	ng	88
9) Naphthalene	10.69	128	108948	0.302	ng	100
10) Hexachlorobutadiene	10.99	225	3233	0.280	ng	99
12) 2-Methylnaphthalene	12.31	142	16571	0.289	ng	100
16) Acenaphthylene	14.20	152	24175	0.328	ng	100
17) Acenaphthene	14.54	154	13947	0.280	ng	99
18) Fluorene	15.51	166	16967	0.272	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	4853	0.310	ng	96
21) Hexachlorobenzene	16.52	284	3610	0.265	ng	100
22) Pentachlorophenol	16.85	266	412	0.302	ng	99
23) Phenanthrene	17.24	178	34184	0.368	ng	99
24) Anthracene	17.33	178	24539	0.314	ng	99
26) Fluoranthene	19.25	202	56982	0.509	ng	100
28) Pyrene	19.62	202	60704	0.526	ng	98
30) Benzo(a)anthracene	21.34	228	58945	0.550	ng	99
31) Chrysene	21.40	228	58971	0.483	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	101900	0.882	ng	100
33) Indeno(1,2,3-cd)pyrene	26.44	276	69628	0.513	ng	97
35) Benzo(b)fluoranthene	23.07	252	73842	0.497	ng	98
36) Benzo(k)fluoranthene	23.07	252	73842	0.430	ng	99
37) Benzo(a)pyrene	23.72	252	67952	0.491	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	45718	0.317	ng	99
39) Benzo(g,h,i)perylene	27.24	276	61003	0.405	ng	99

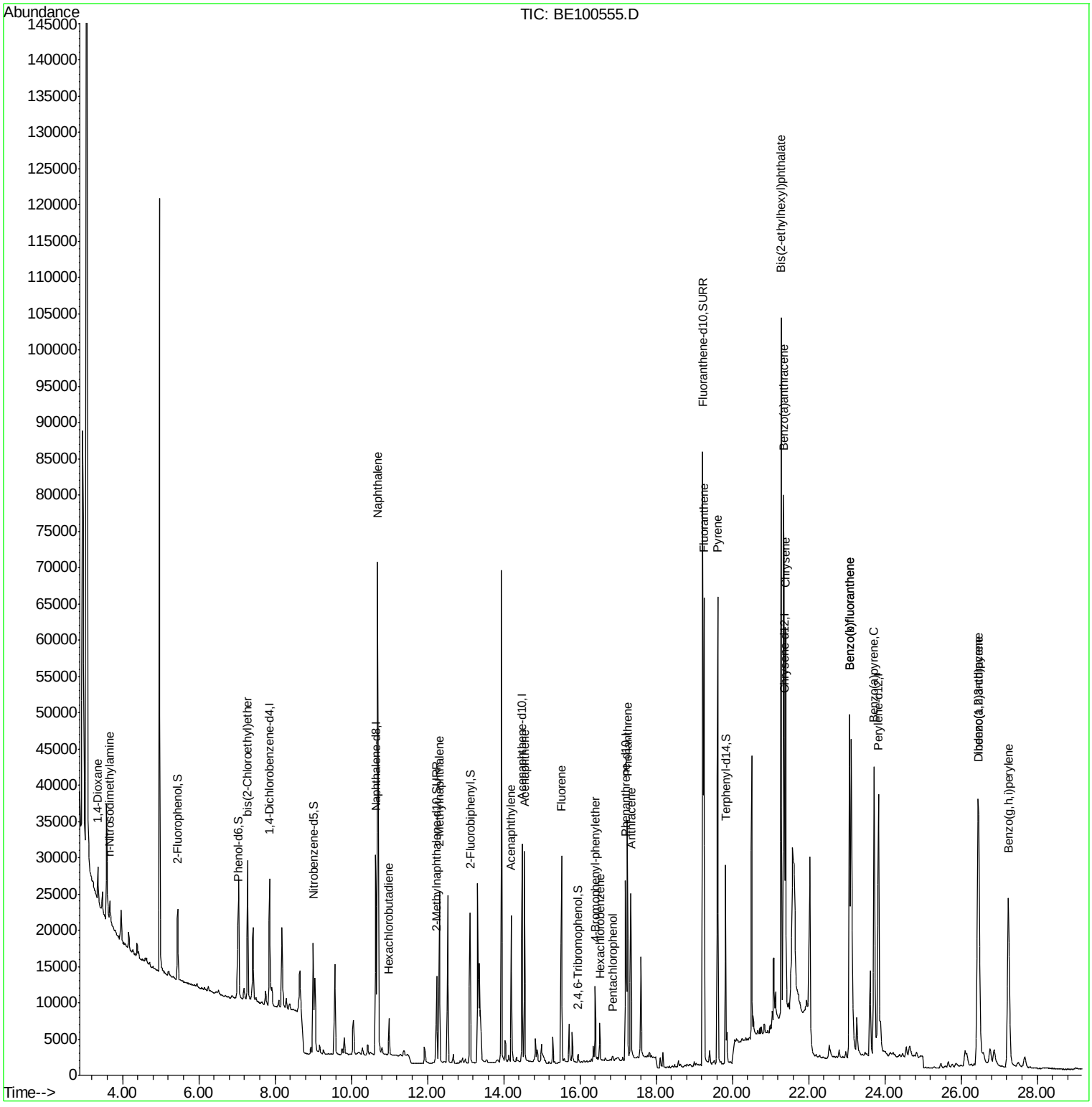
(#) = qualifier out of range (m) = manual integration (+) = signals summed

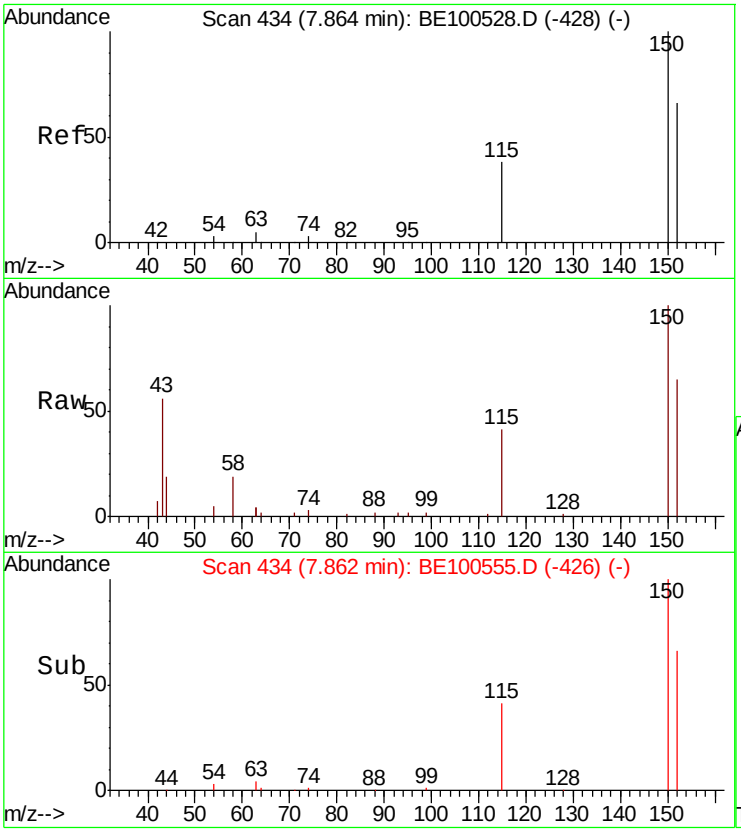
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100555.D
Acq On : 25 Sep 2019 13:14
Operator : JU
Sample : K4995-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 00:40:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration



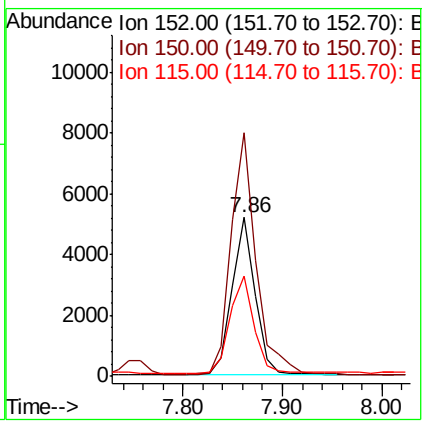


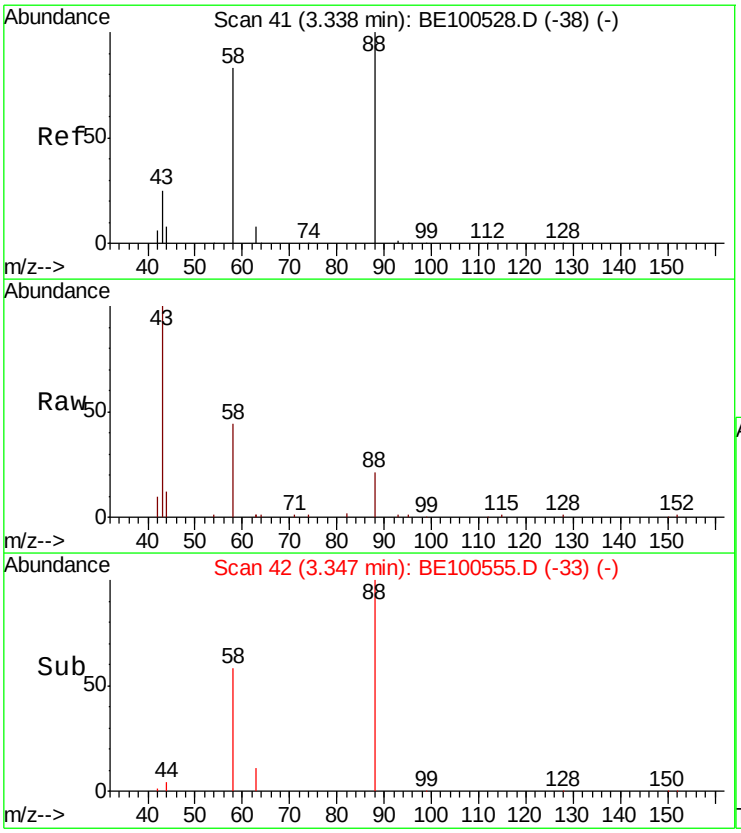
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8236

Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.6	182.4
115	63.5	48.2	72.4

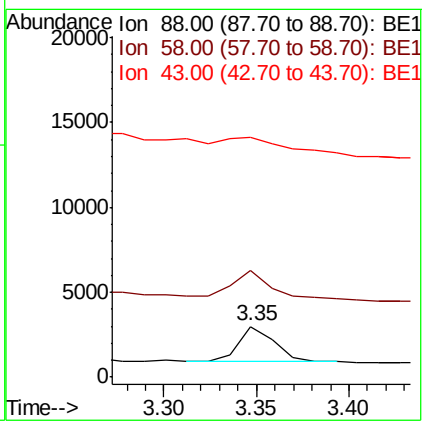


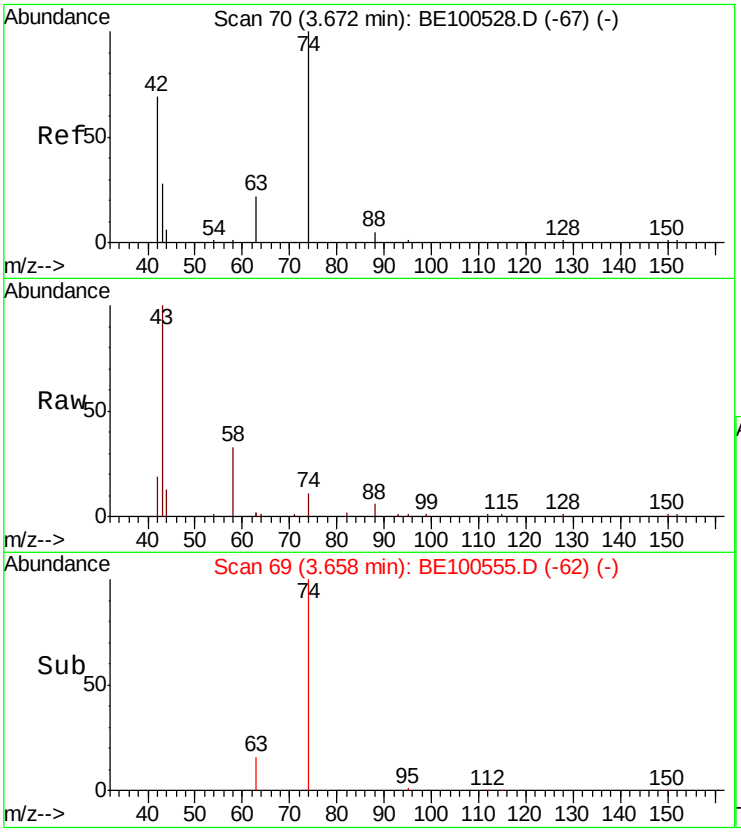


#2
1,4-Dioxane
Concen: 0.239 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion: 88 Resp: 2836

Ion	Ratio	Lower	Upper
88	100		
58	79.7	53.3	79.9
43	0.0	16.9	25.3#



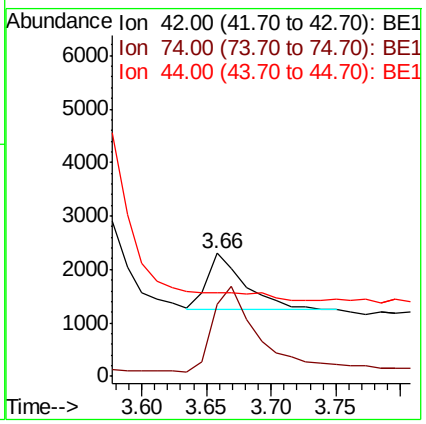


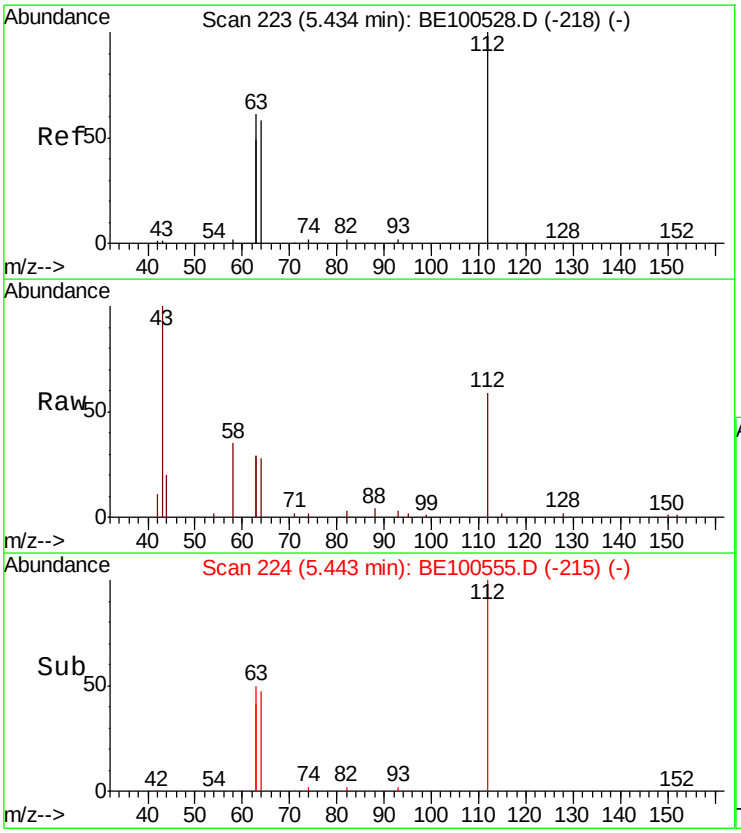
#3
n-Nitrosodimethylamine
Concen: 0.301 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2097

Ion	Ratio	Lower	Upper
42	100		
74	184.6	133.8	200.6
44	0.0	6.4	9.6#

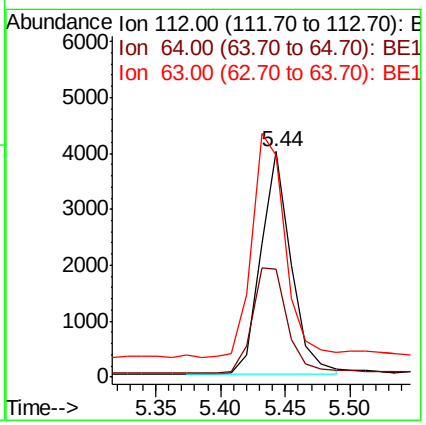


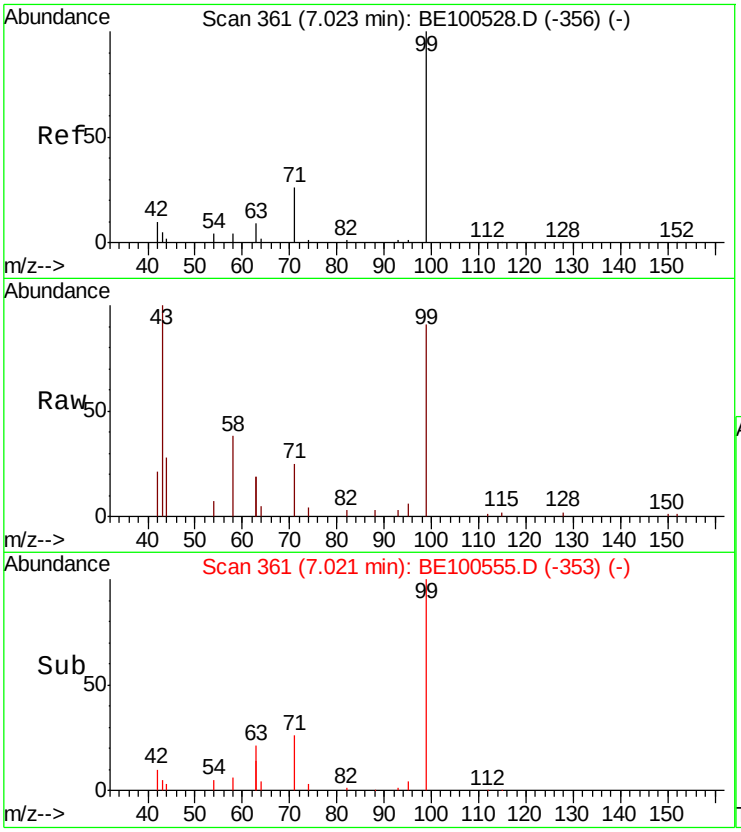


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:112 Resp: 6474

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.1	66.1
63	111.4	86.5	129.7



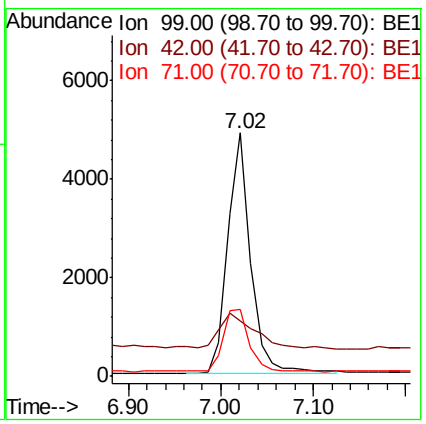


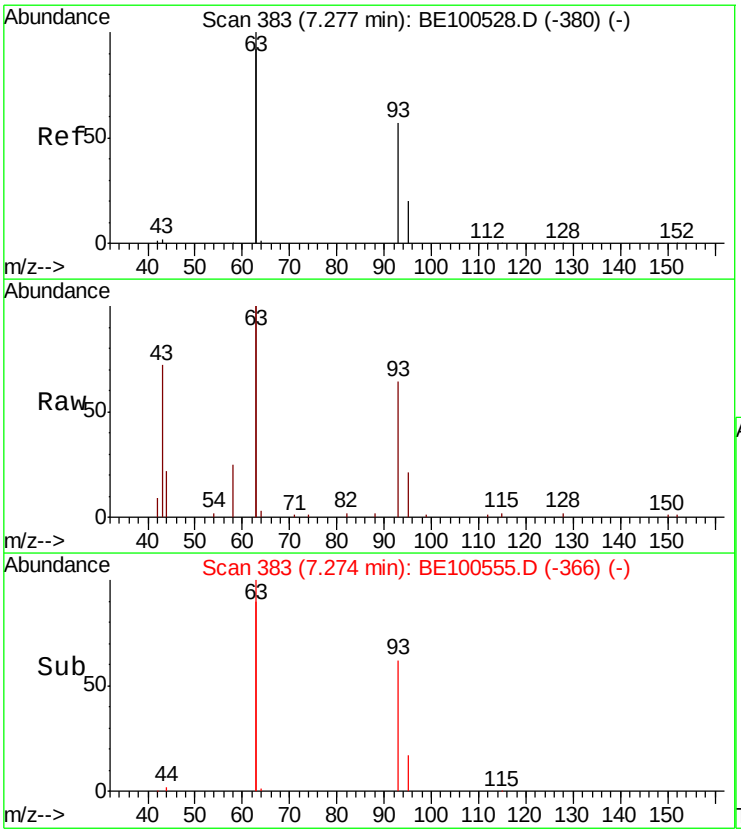
#5
Phenol-d6
Concen: 0.322 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8489

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.0	19.6#
71	29.6	23.4	35.0

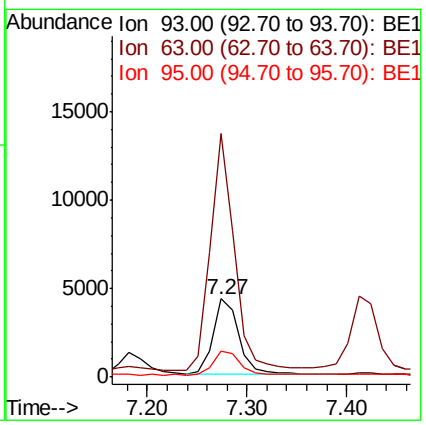


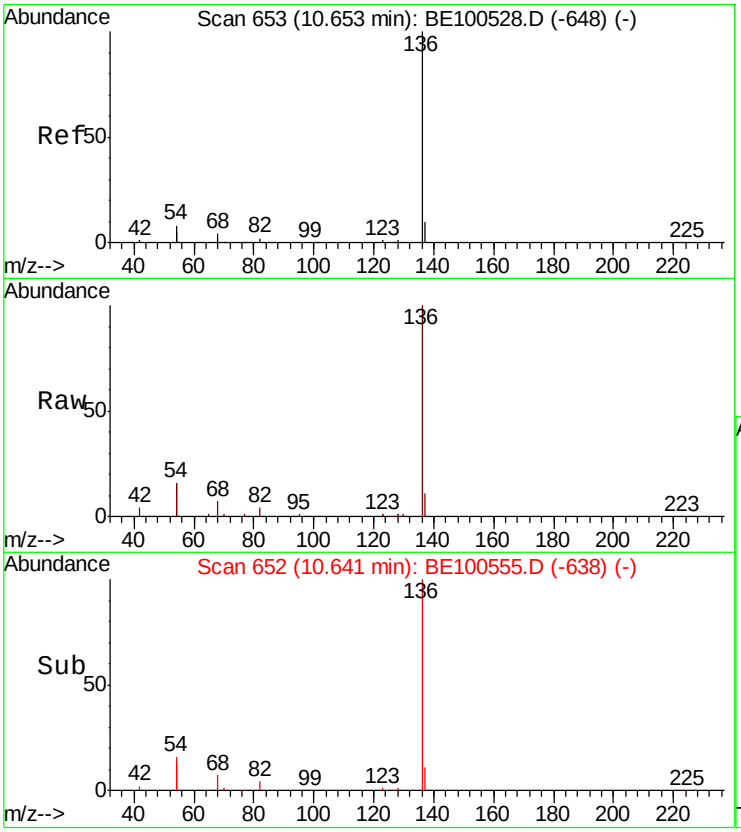


#6
bis(2-Chloroethyl)ether
Concen: 0.286 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion: 93 Resp: 7634

Ion	Ratio	Lower	Upper
93	100		
63	289.4	213.4	320.0
95	32.4	23.7	35.5



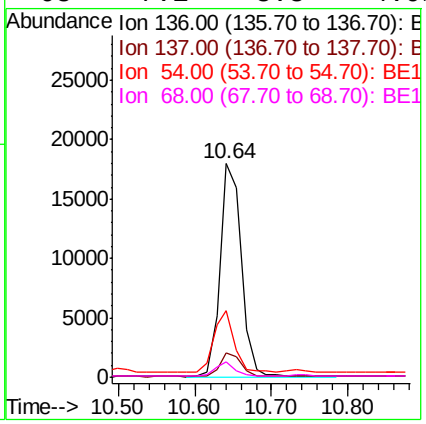


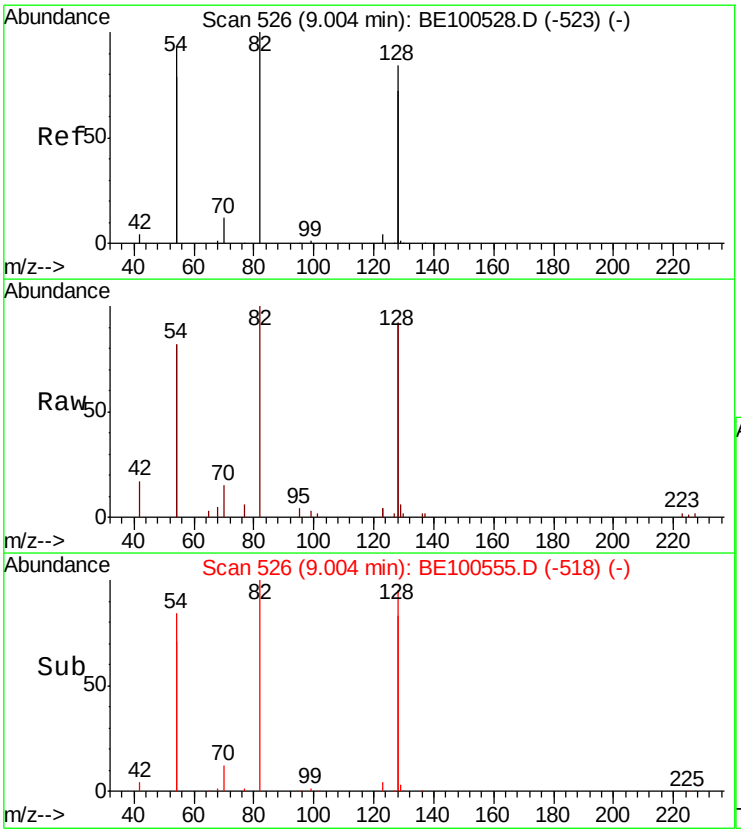
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 34776

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	31.2	12.4	18.6#
68	7.1	3.3	4.9#

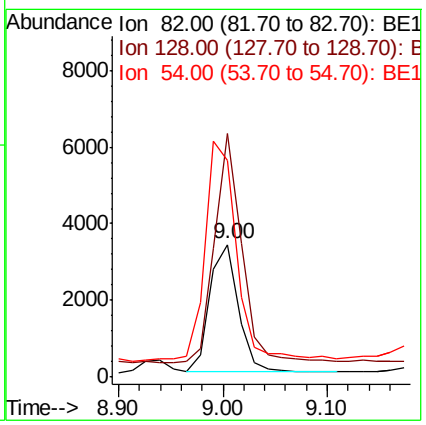


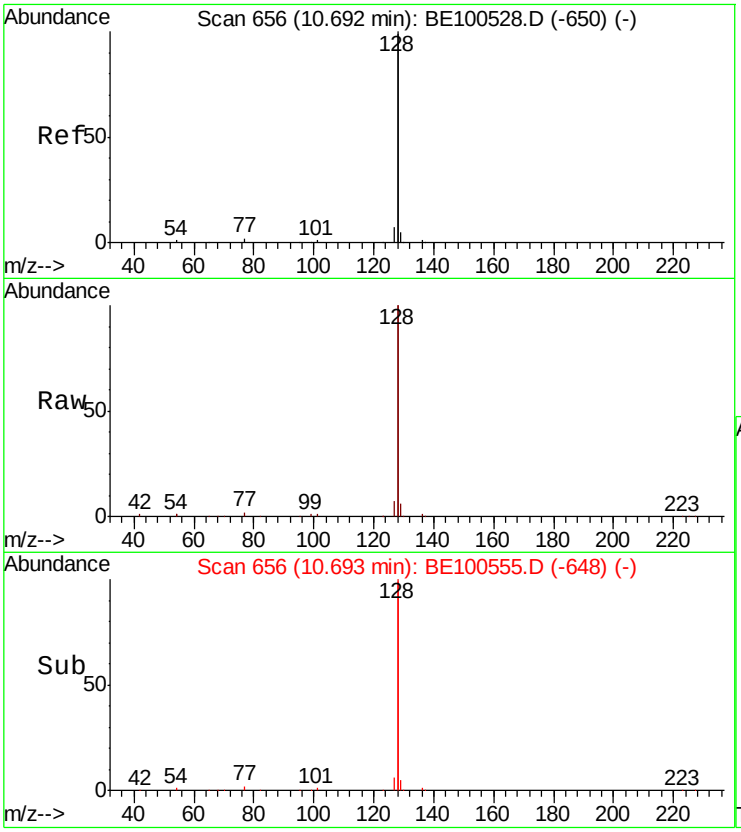


#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion: 82 Resp: 6297

Ion	Ratio	Lower	Upper
82	100		
128	183.4	129.4	194.2
54	163.3	143.3	214.9



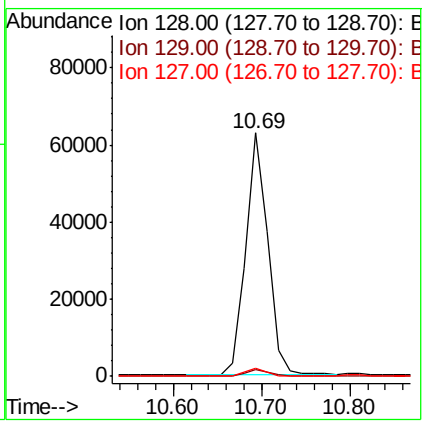


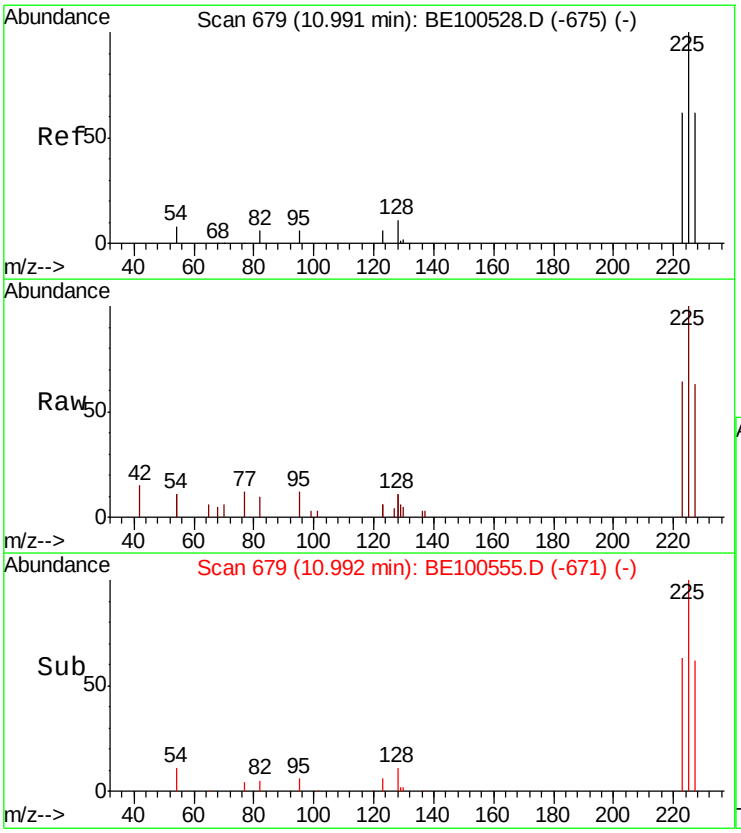
#9
Naphthalene
Concen: 0.302 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 108948

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.4	2.7	4.1

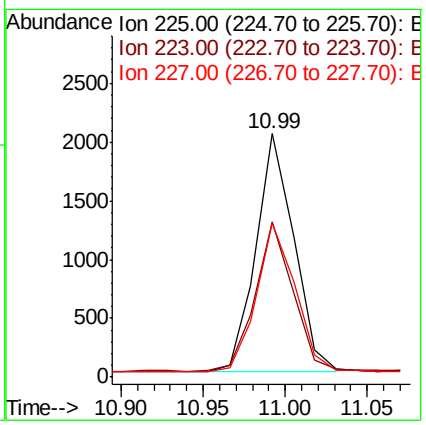


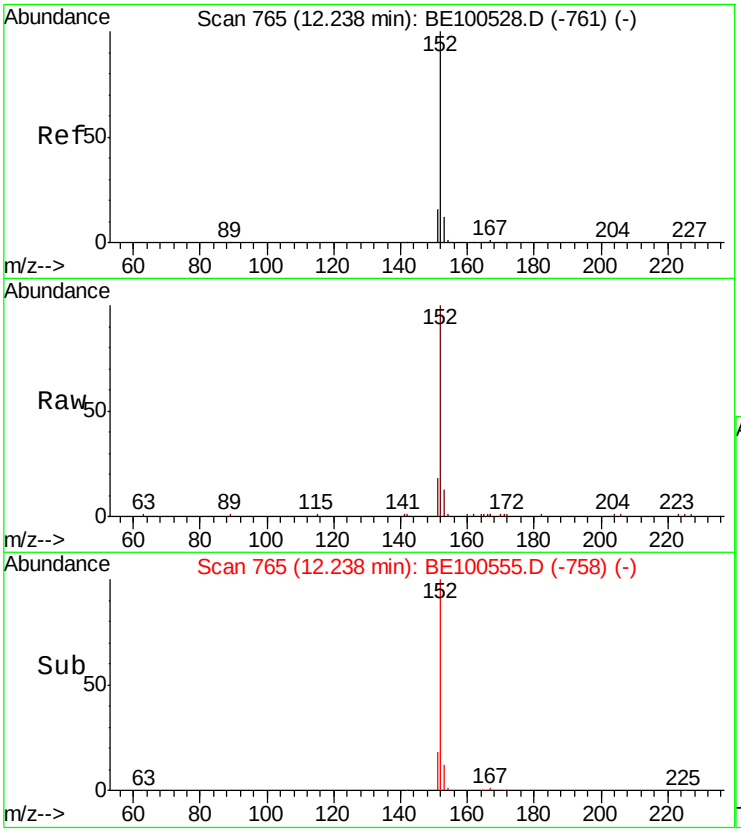


#10
Hexachlorobutadiene
Concen: 0.280 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:225 Resp: 3233

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	63.3	51.4	77.2



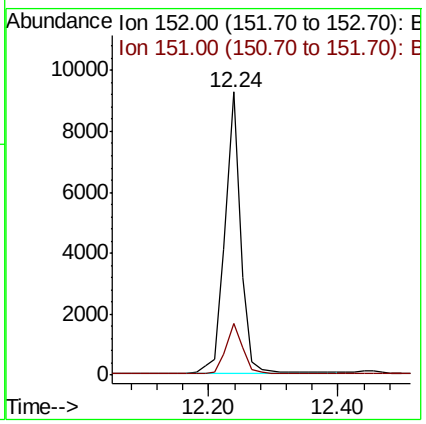


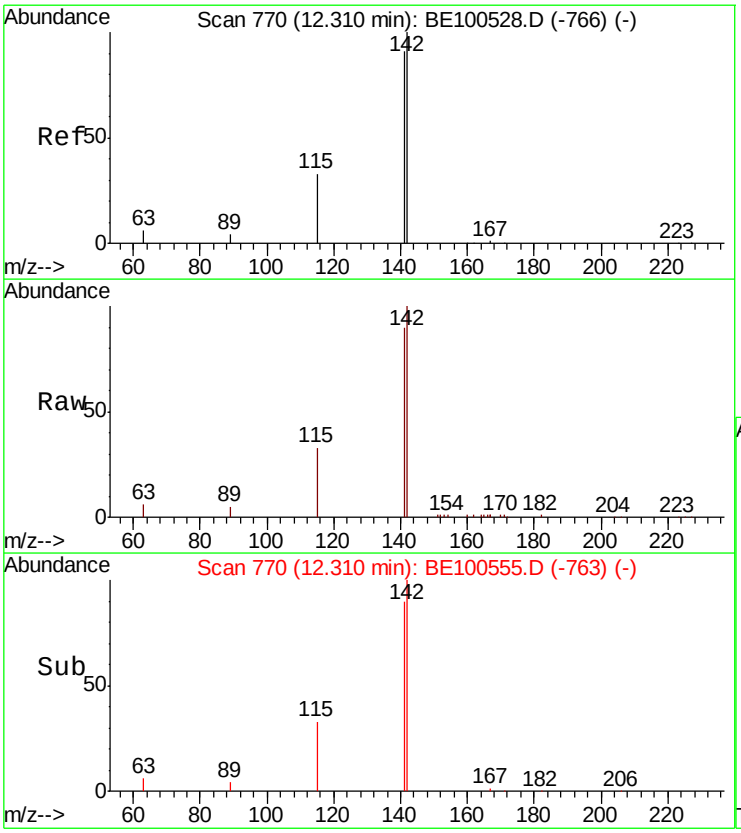
#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15501

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.3	22.9

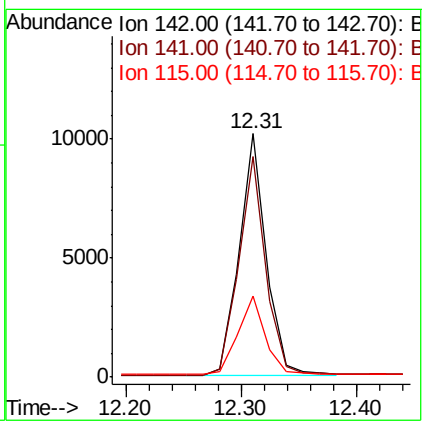


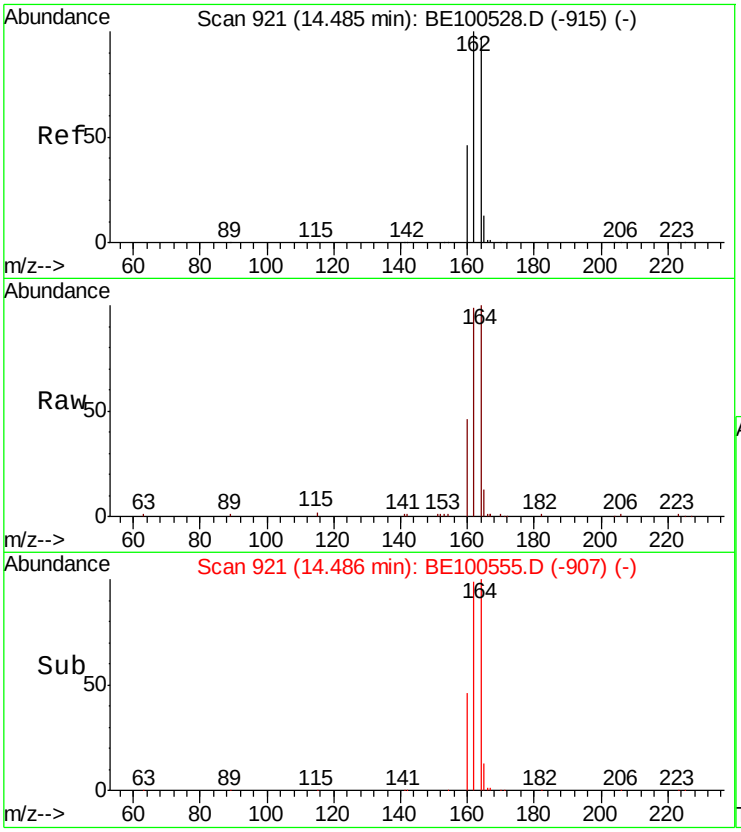


#12
2-Methylnaphthalene
Concen: 0.289 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:142 Resp: 16571

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.5	108.7
115	33.5	27.2	40.8



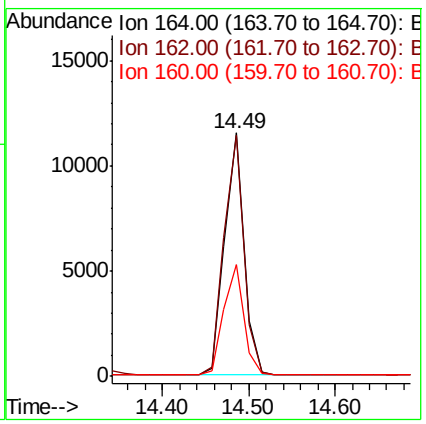


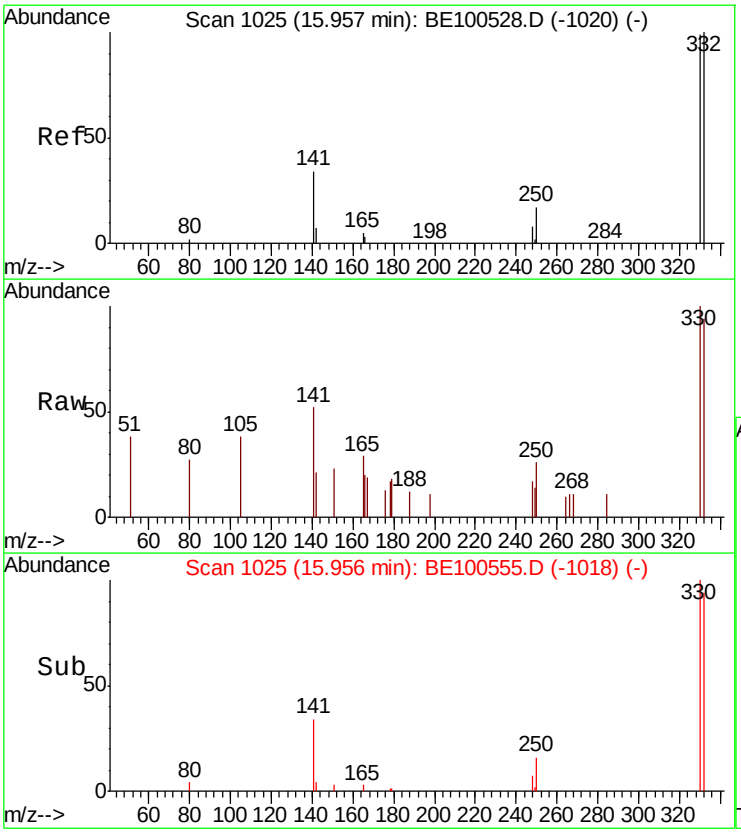
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 17906

Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.1	123.1
160	45.8	37.6	56.4

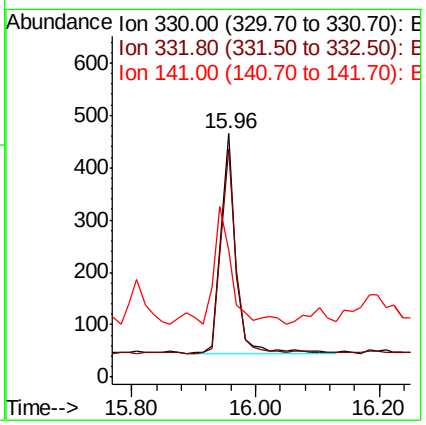


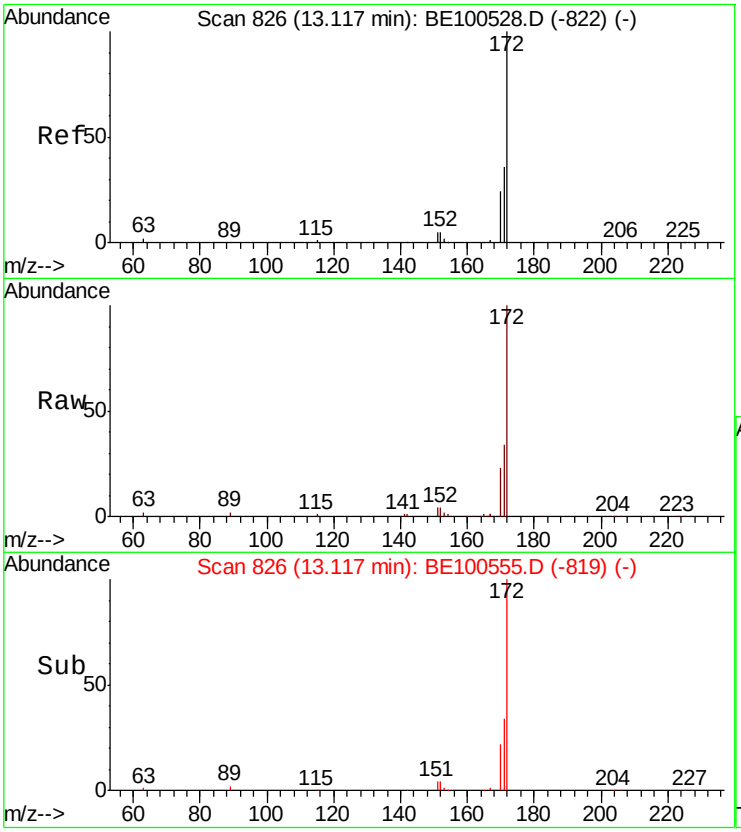


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:330 Resp: 712

Ion	Ratio	Lower	Upper
330	100		
332	92.8	75.5	113.3
141	48.6	42.3	63.5



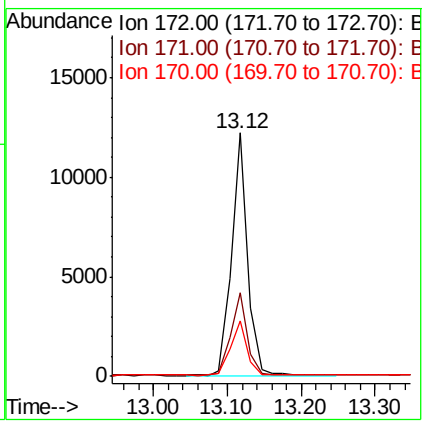


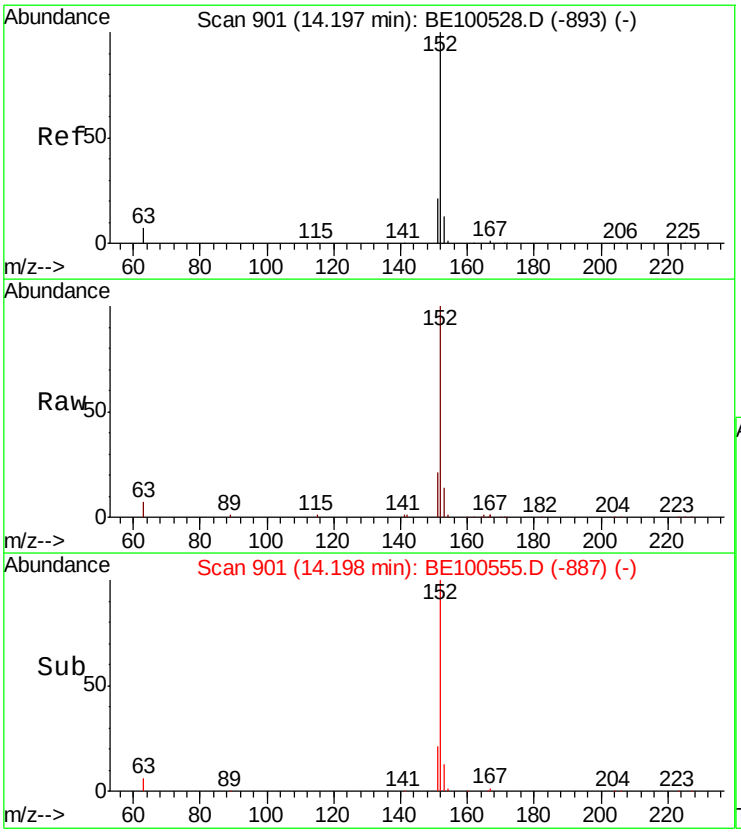
#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 18401

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.8	43.2
170	22.8	19.4	29.0

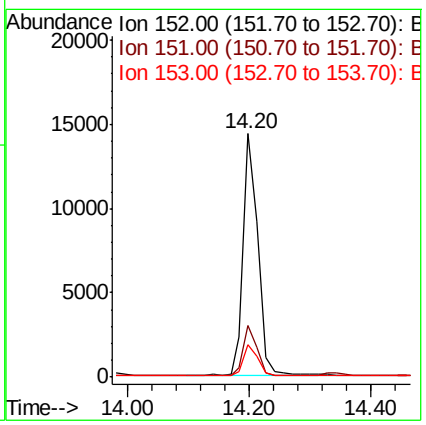


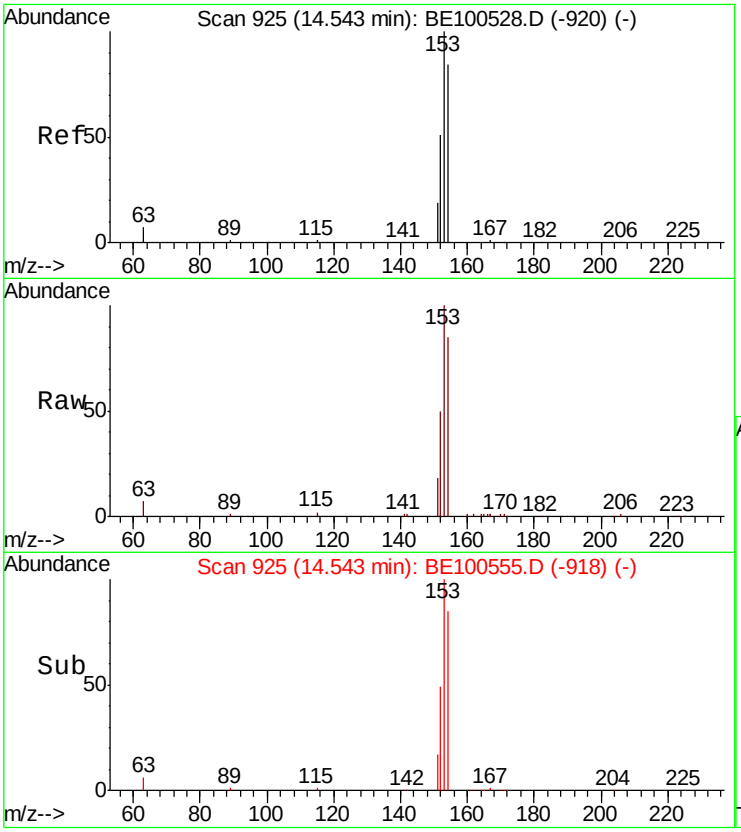


#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:152 Resp: 24175

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.7	16.1



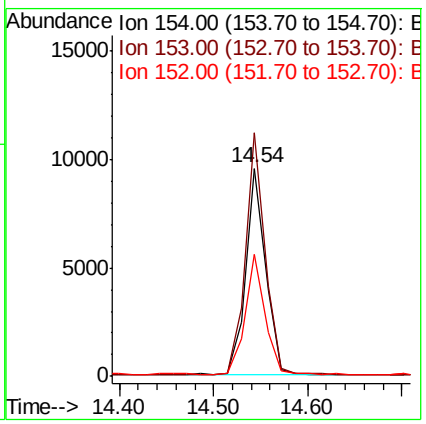


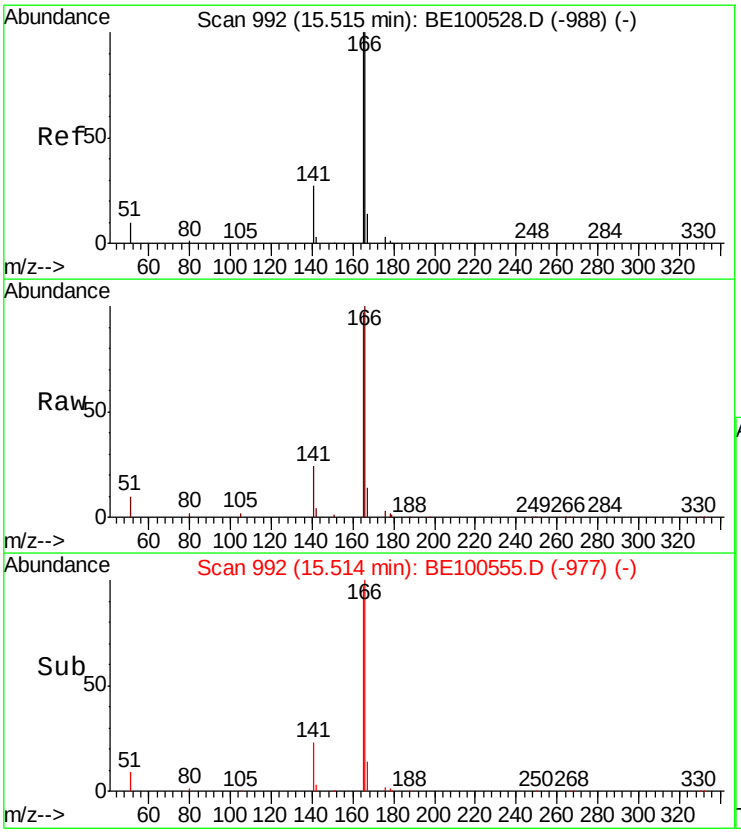
#17
Acenaphthene
Concen: 0.280 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 13947

Ion	Ratio	Lower	Upper
154	100		
153	116.6	93.7	140.5
152	58.2	47.3	70.9

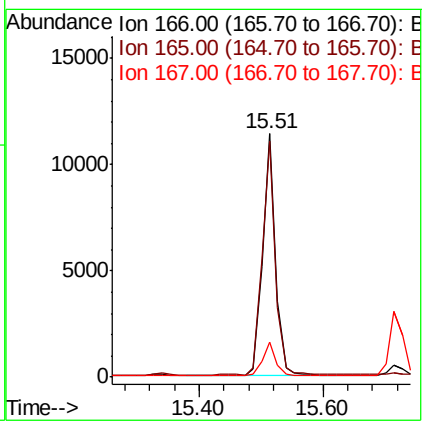


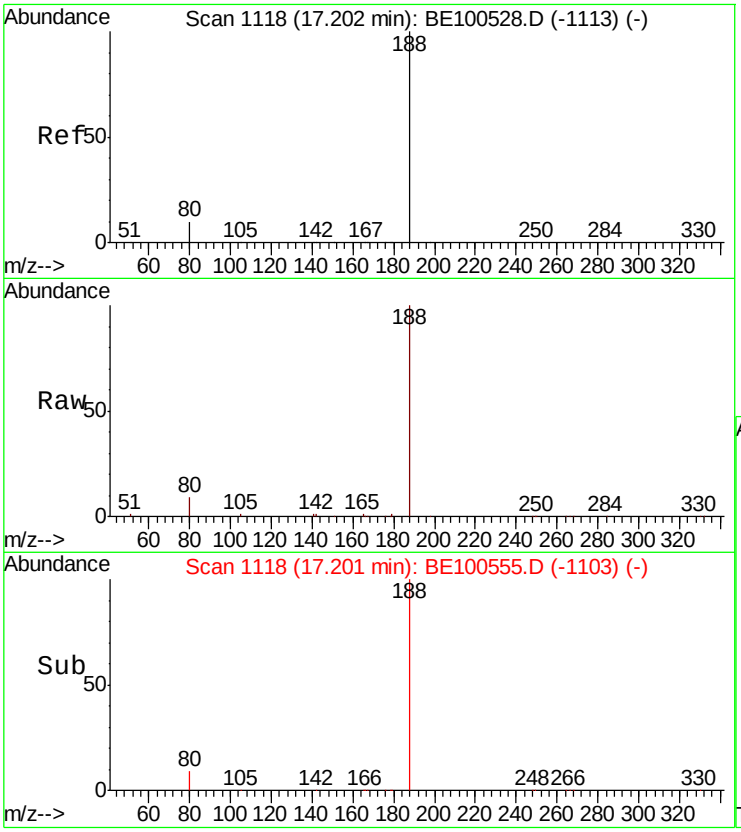


#18
Fluorene
Concen: 0.272 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:166 Resp: 16967

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.1	120.1
167	13.8	10.9	16.3



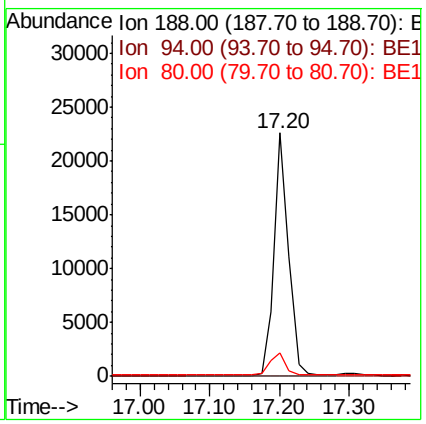


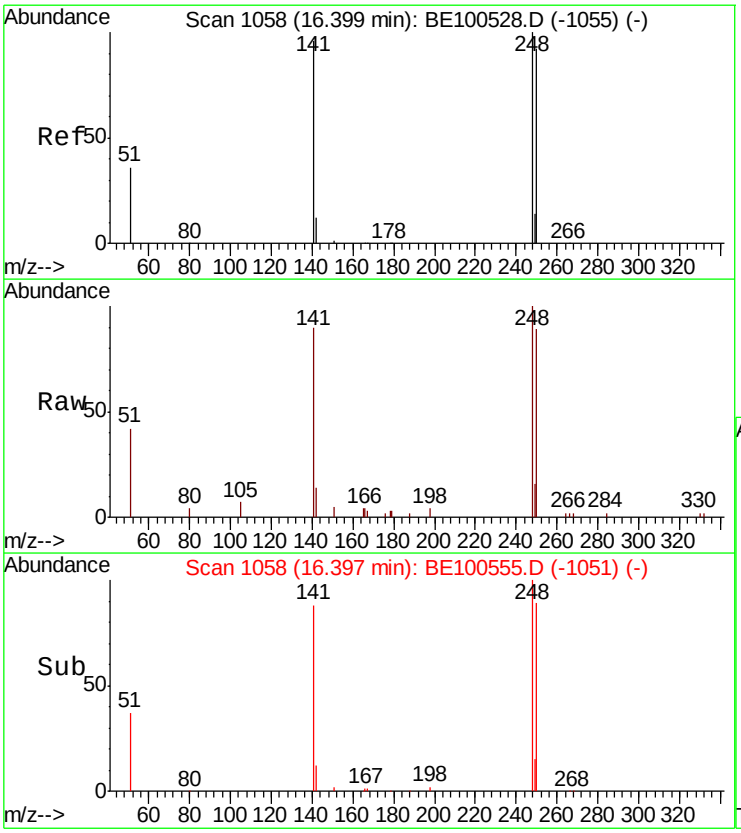
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 33320

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	8.0	12.0

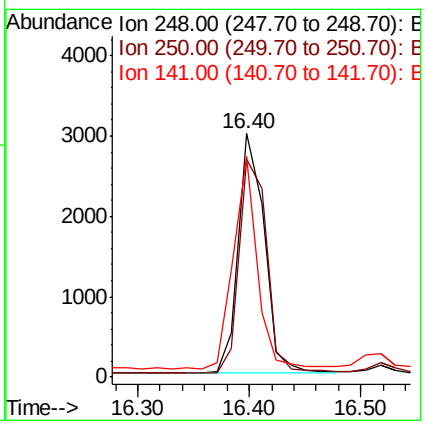


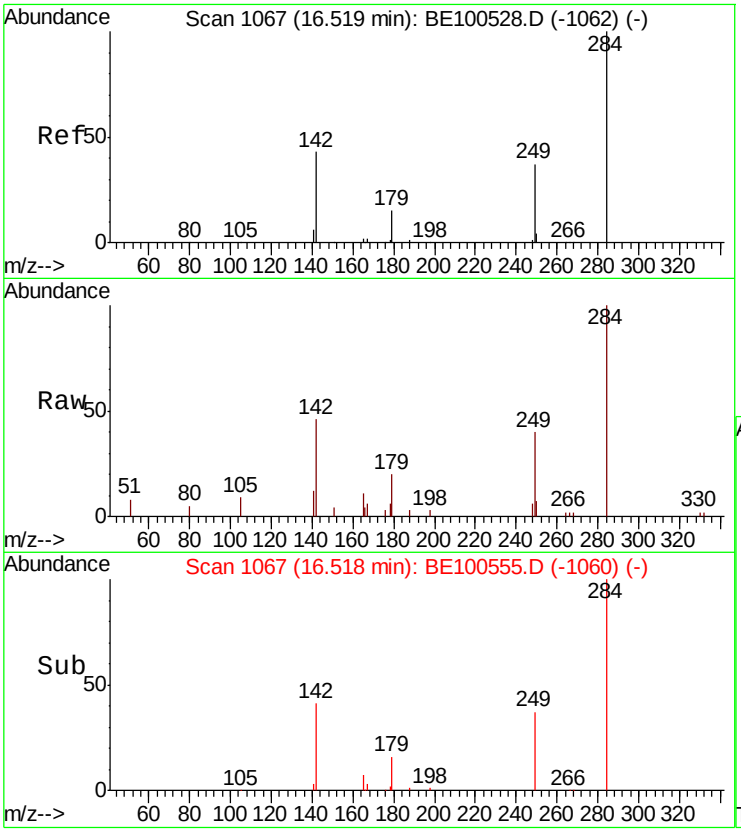


#20
4-Bromophenyl-phenylether
Concen: 0.310 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:248 Resp: 4853

Ion	Ratio	Lower	Upper
248	100		
250	89.3	73.5	110.3
141	90.5	77.0	115.4



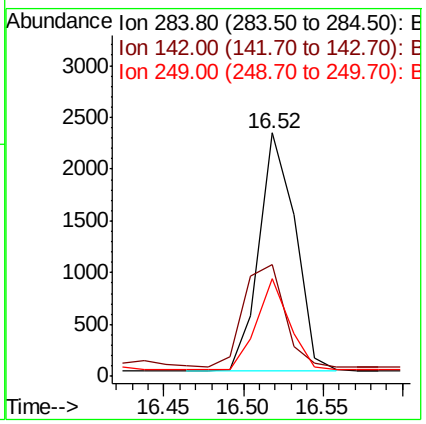


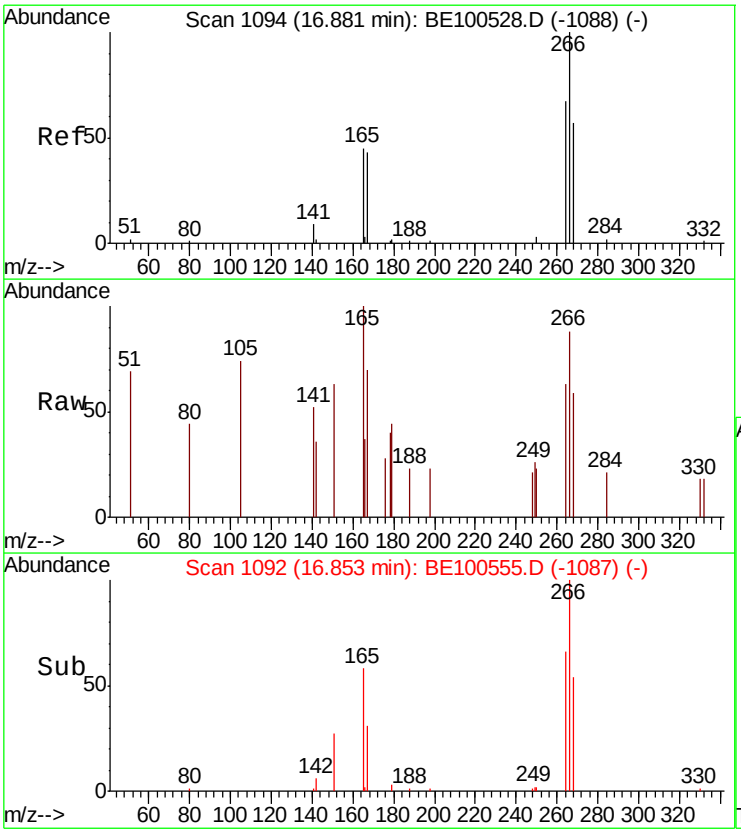
#21
Hexachlorobenzene
Concen: 0.265 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3610

Ion	Ratio	Lower	Upper
284	100		
142	48.8	39.0	58.6
249	35.1	28.2	42.2

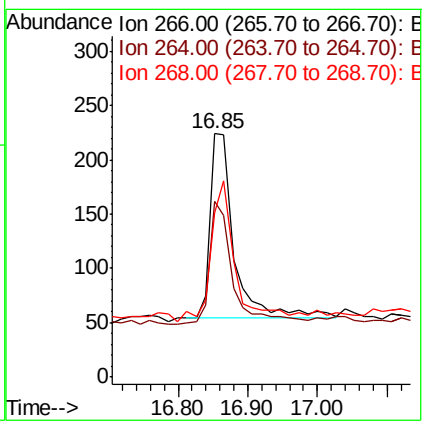


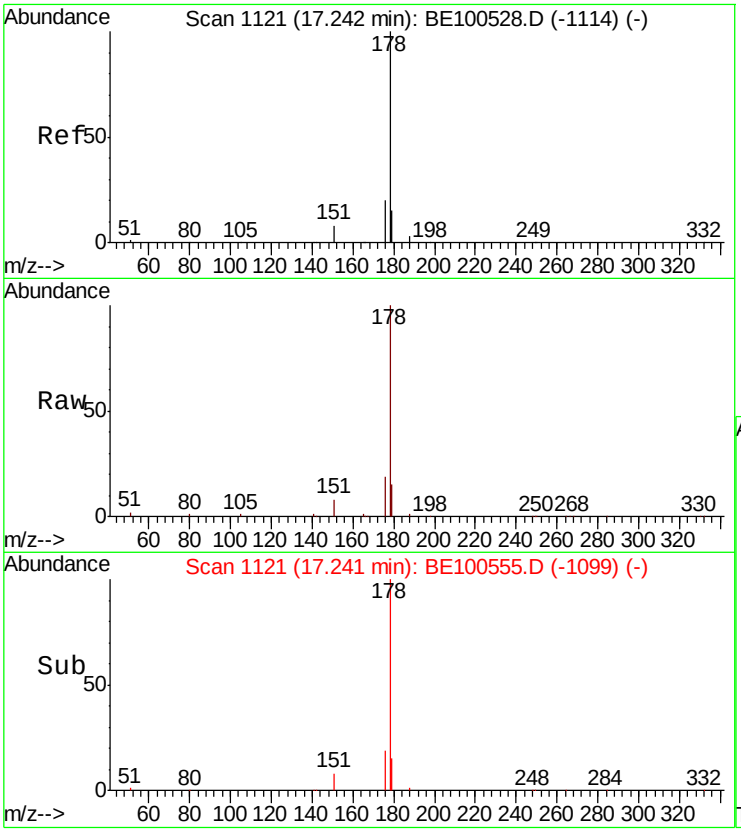


#22
Pentachlorophenol
Concen: 0.302 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:266 Resp: 412

Ion	Ratio	Lower	Upper
266	100		
264	72.3	57.6	86.4
268	67.4	55.1	82.7



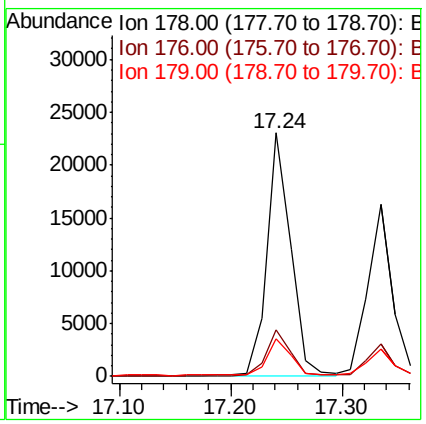


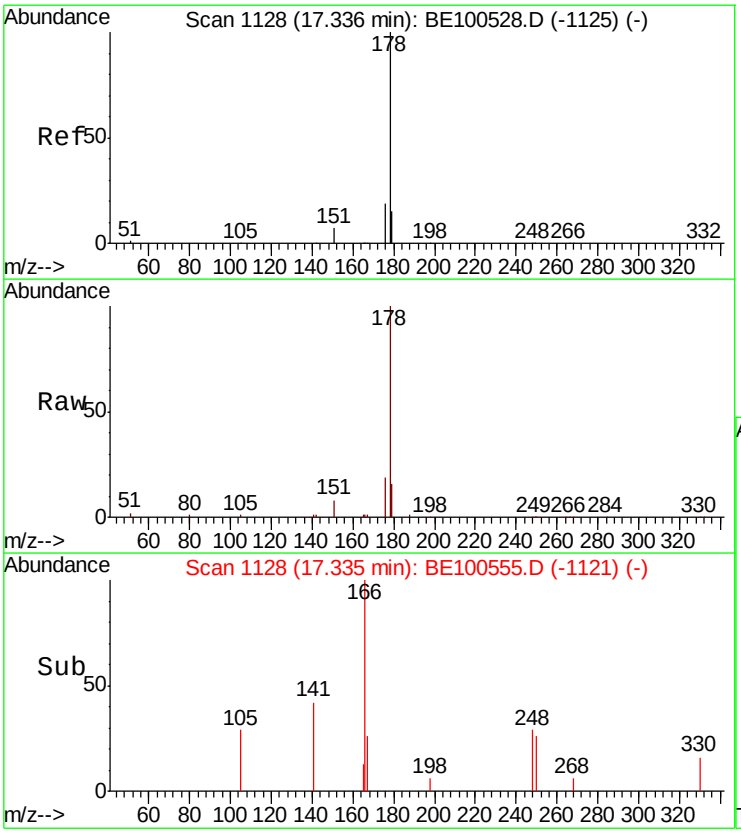
#23
Phenanthrene
Concen: 0.368 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 34184

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.6	18.8

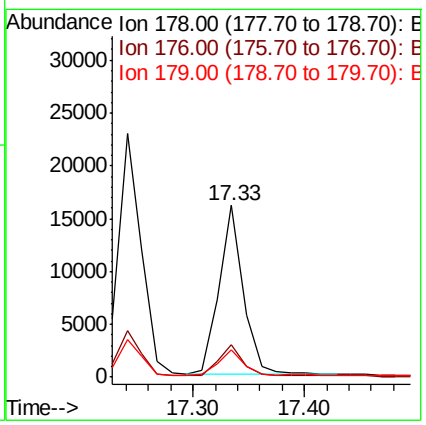


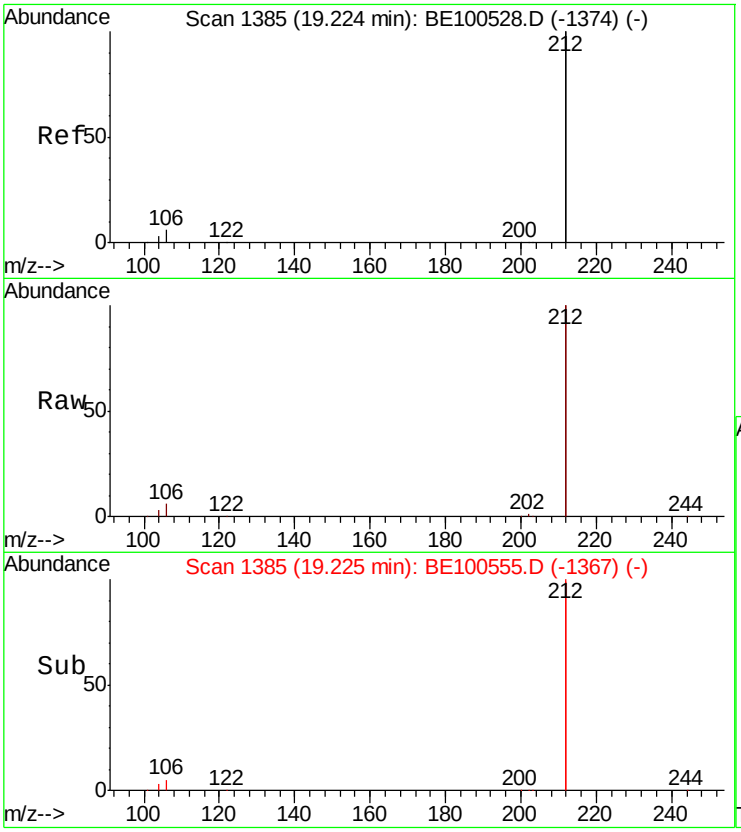


#24
Anthracene
Concen: 0.314 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:178 Resp: 24539

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.4	12.2	18.4



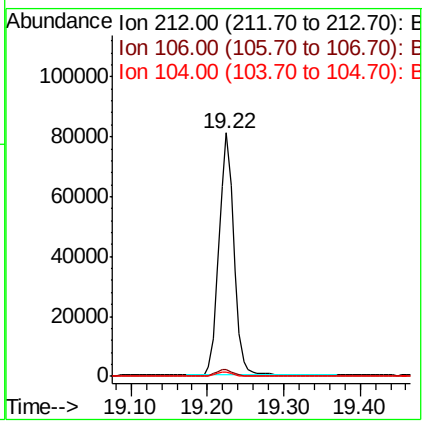


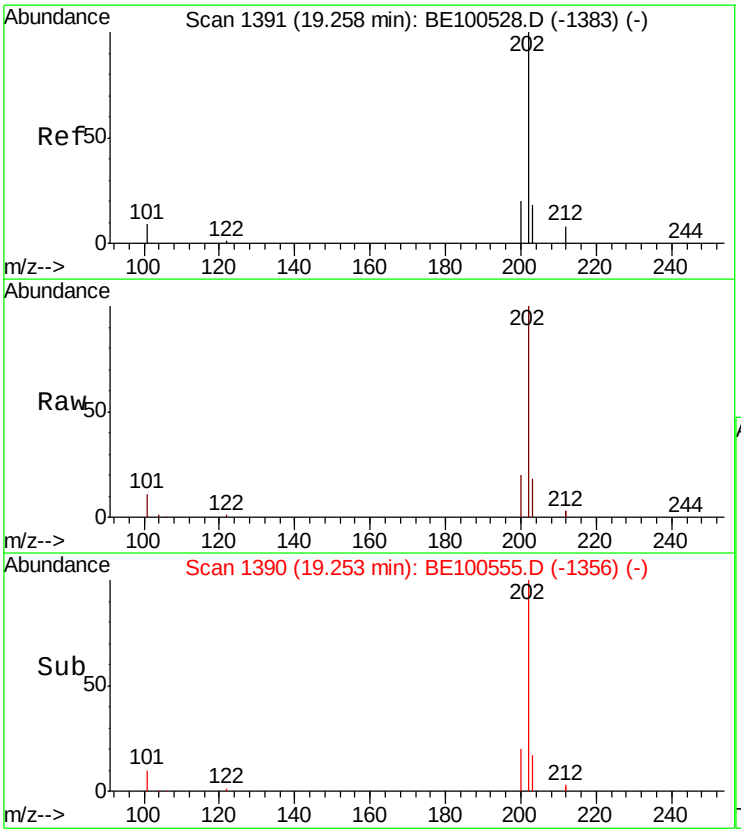
#25
Fluoranthene-d10
Concen: 0.278 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 110024

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.8	1.3	1.9

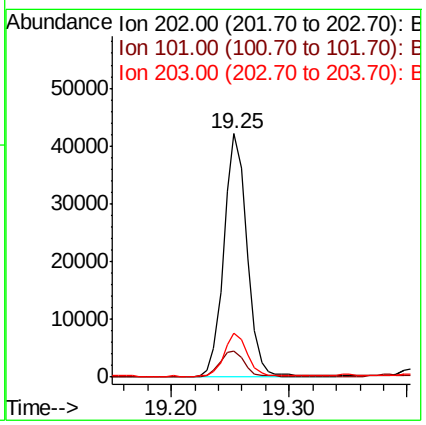


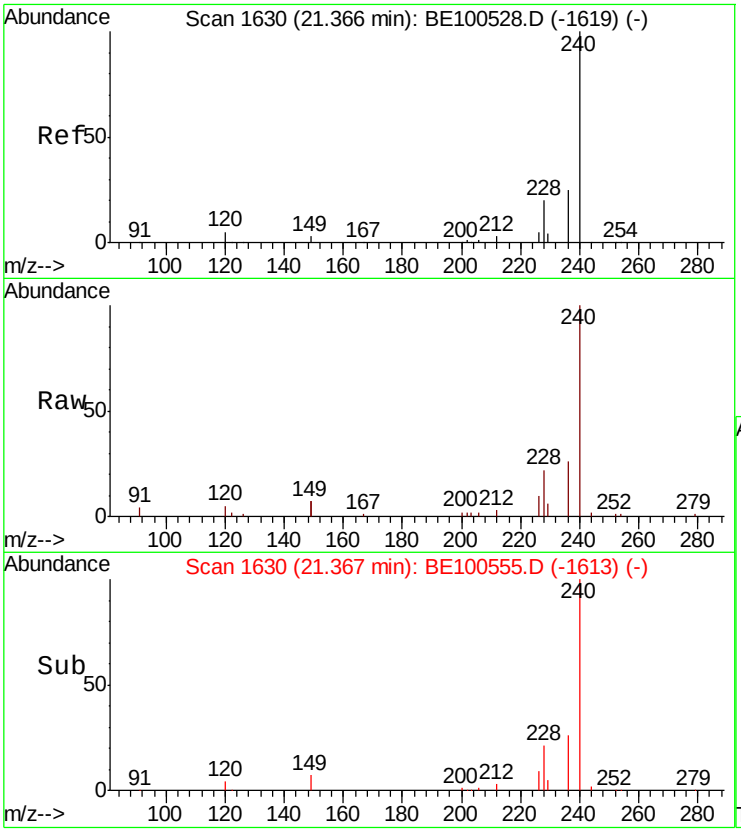


#26
Fluoranthene
Concen: 0.509 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:202 Resp: 56982

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.4	13.7	20.5



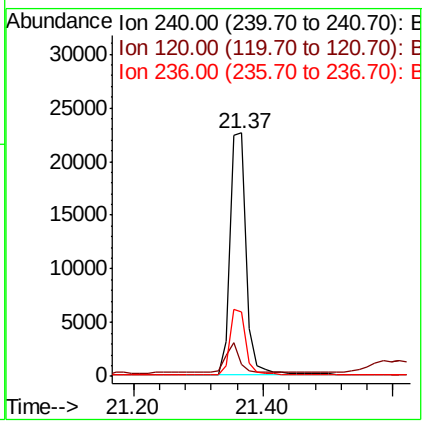


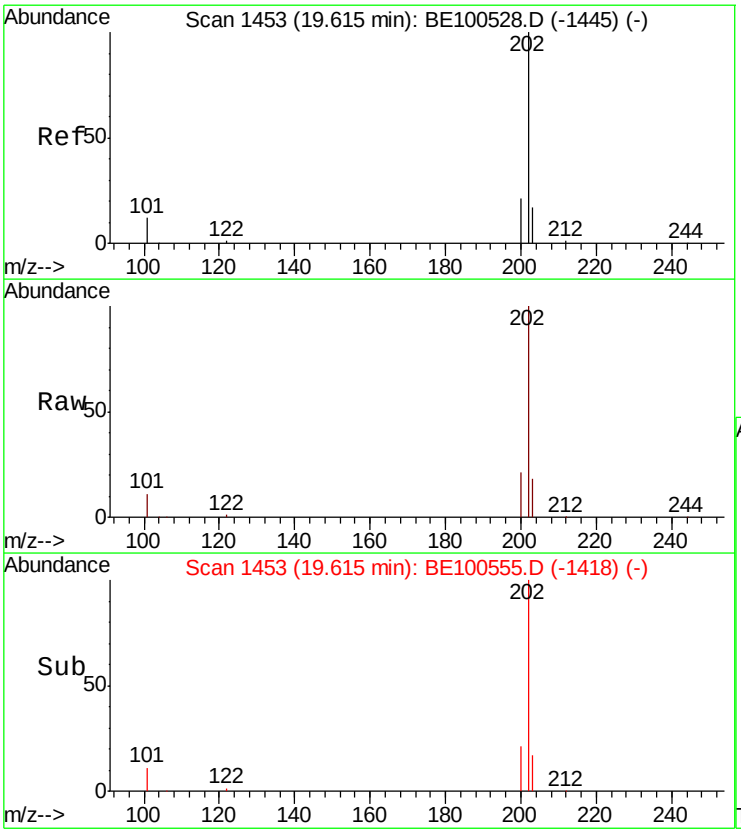
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 40140

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.5	6.7
236	26.4	20.6	30.8

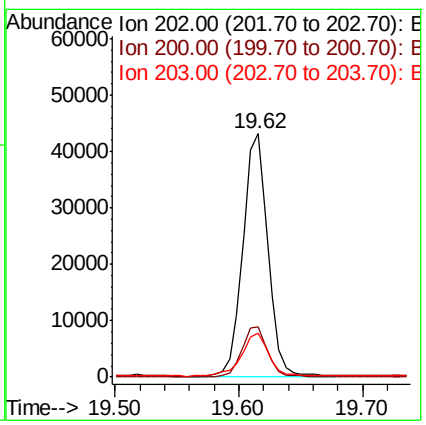


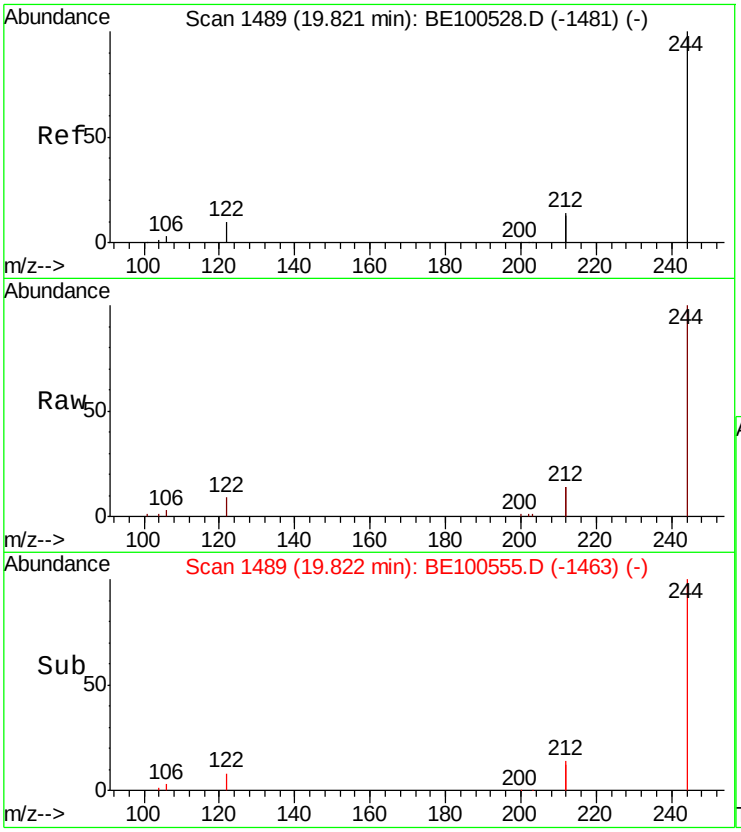


#28
Pyrene
Concen: 0.526 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:202 Resp: 60704

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	19.0	14.0	21.0



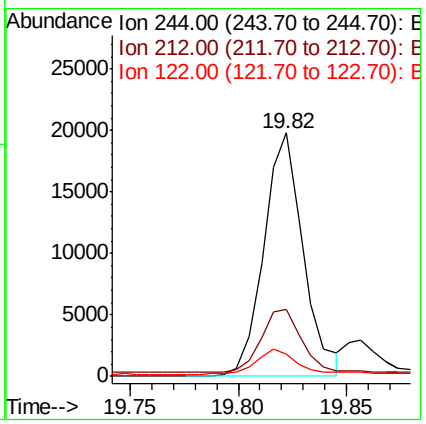


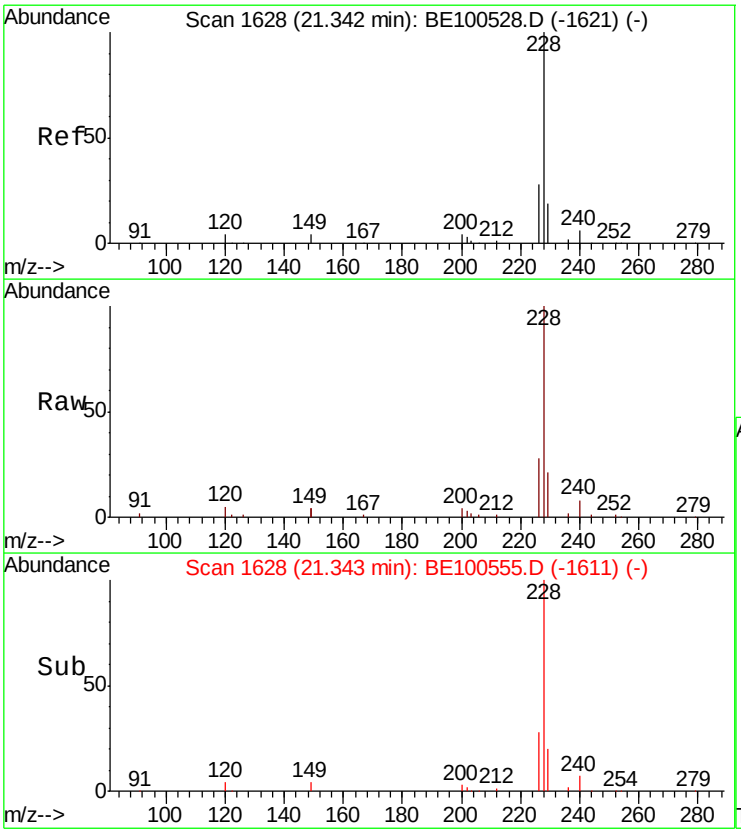
#29
Terphenyl-d14
Concen: 0.261 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 24839

Ion	Ratio	Lower	Upper
244	100		
212	27.7	22.2	33.2
122	9.3	8.3	12.5

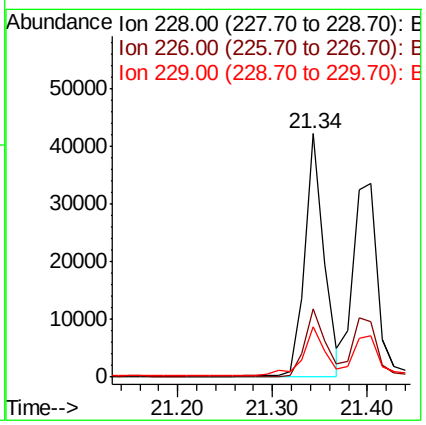


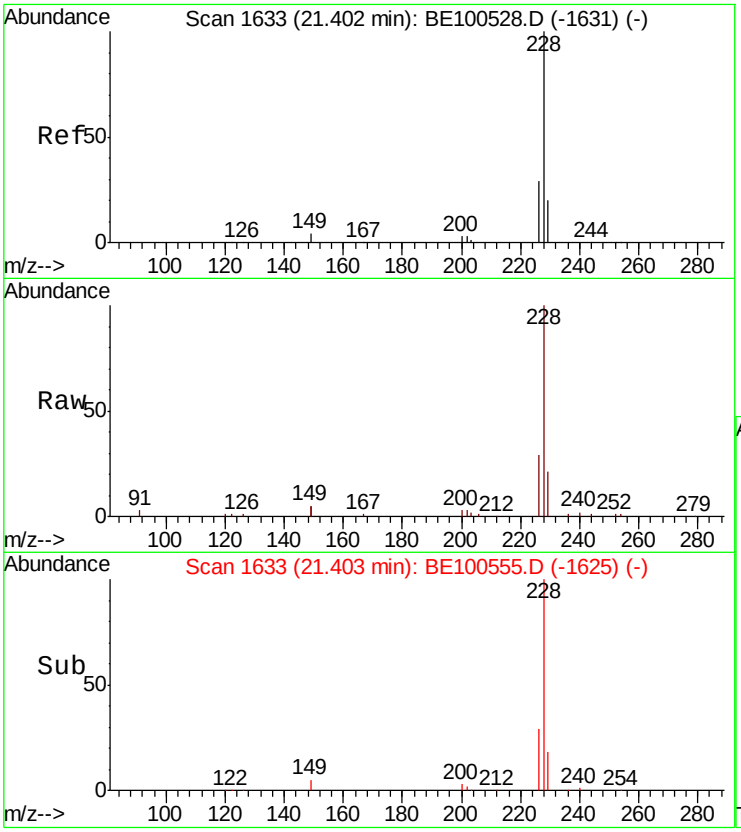


#30
Benzo(a)anthracene
Concen: 0.550 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:228 Resp: 58945

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.5	15.4	23.2



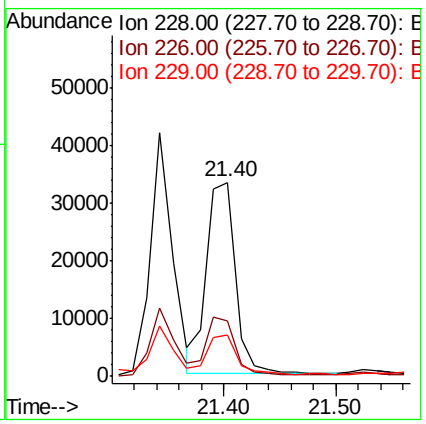


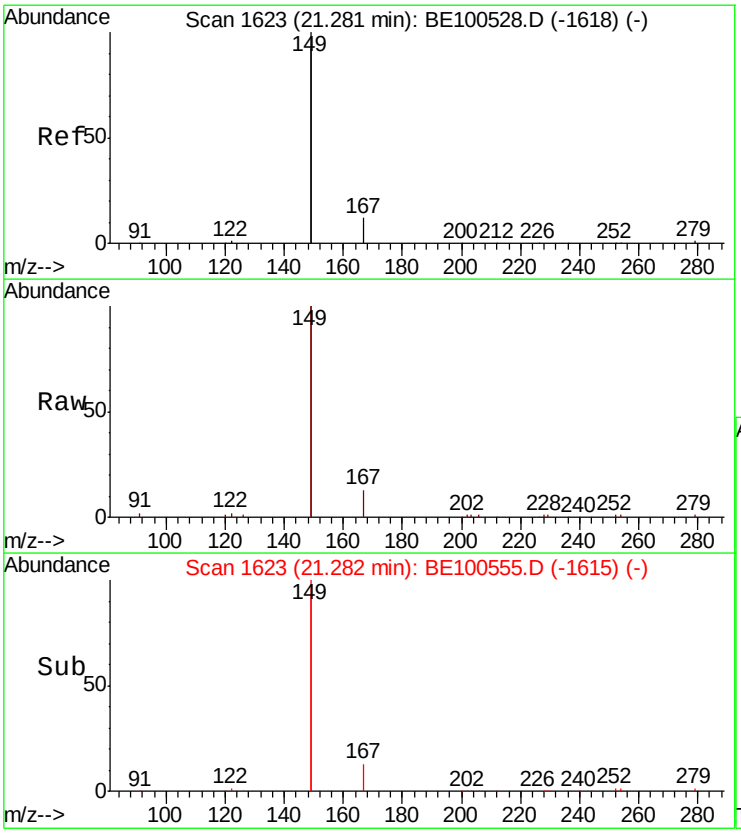
#31
Chrysene
Concen: 0.483 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 58971

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.3	34.9
229	21.5	16.3	24.5

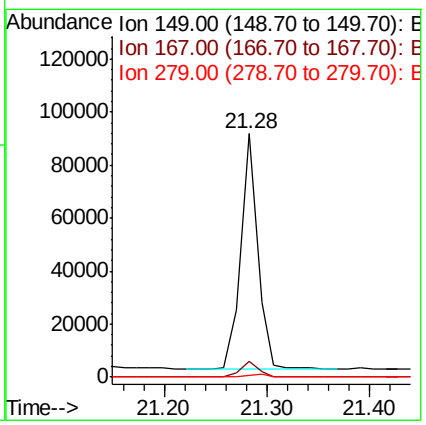


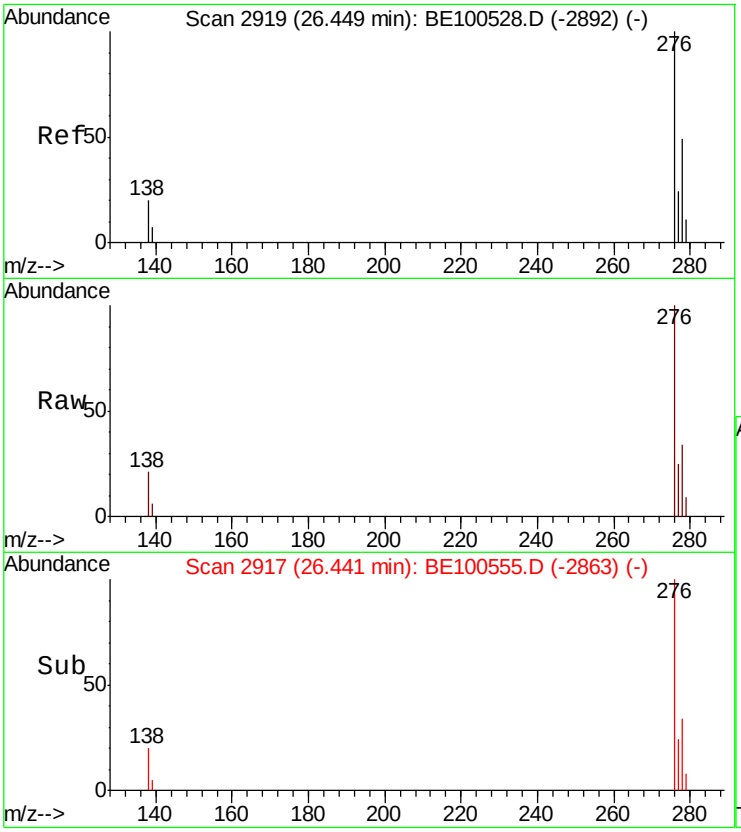


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.882 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:149 Resp: 101900

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.1	1.0	1.4



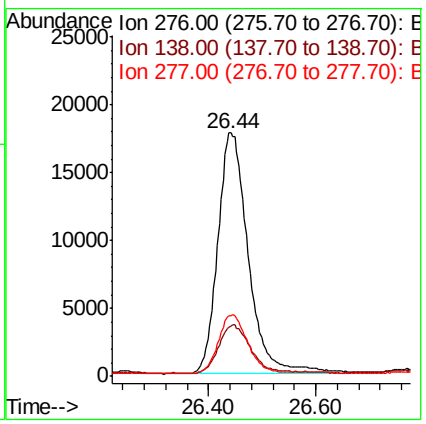


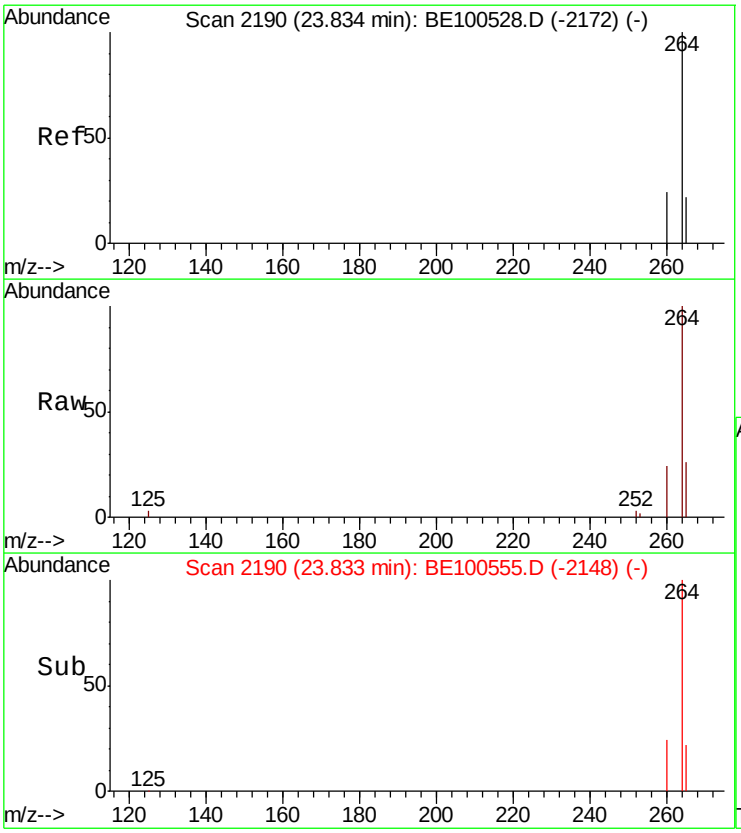
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng
RT: 26.44 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 69628

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.7	26.5
277	23.2	19.9	29.9

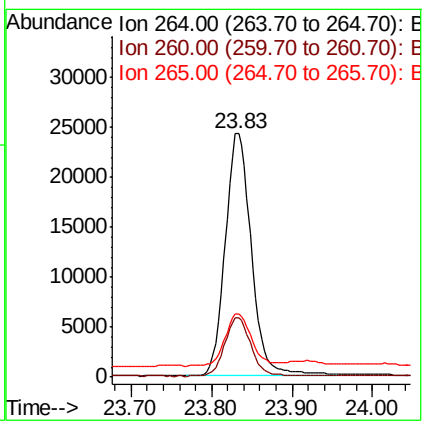


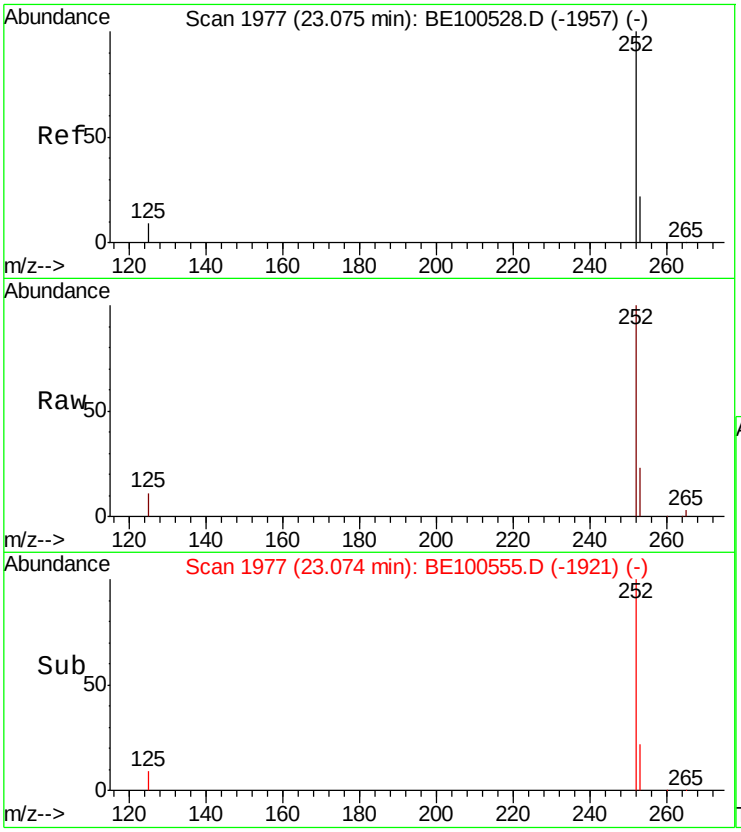


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:264 Resp: 54871

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	26.2	21.8	32.8



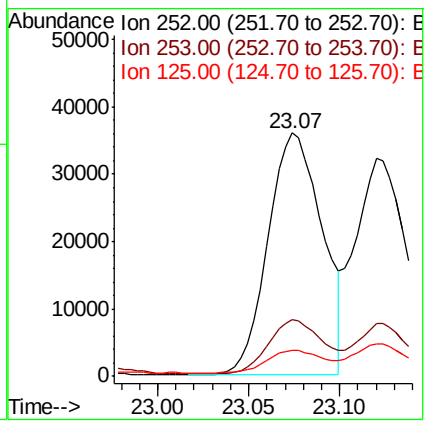


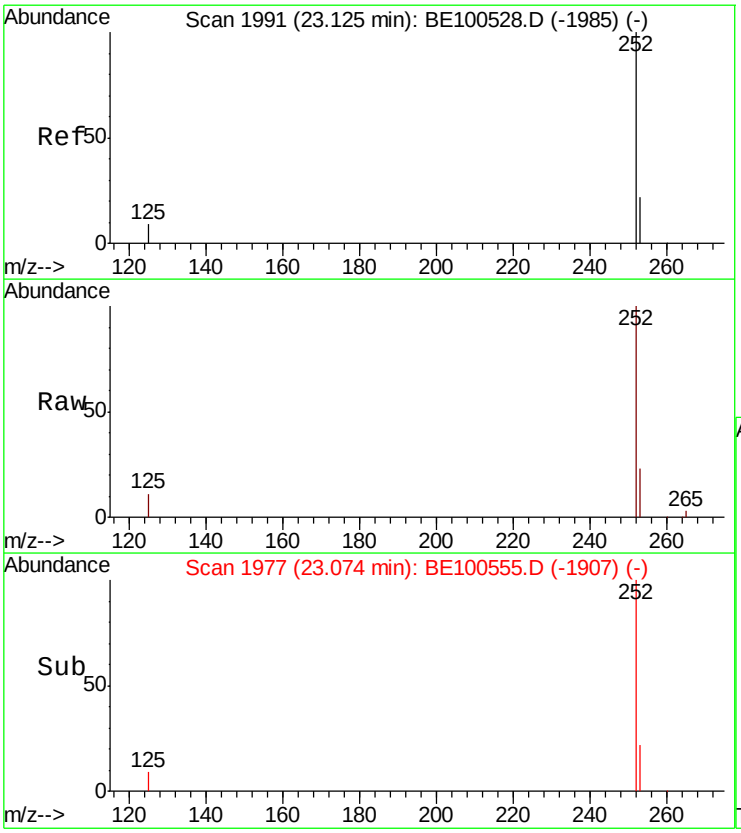
#35
Benzo(b)fluoranthene
Concen: 0.497 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 73842

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	10.9	8.0	12.0

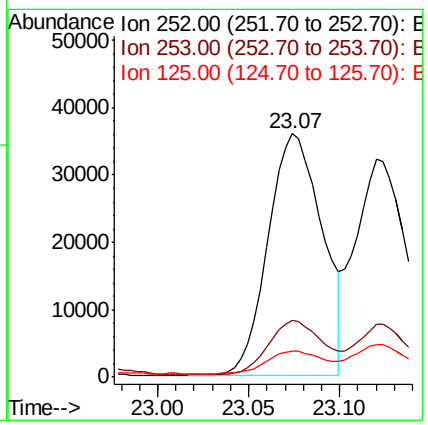


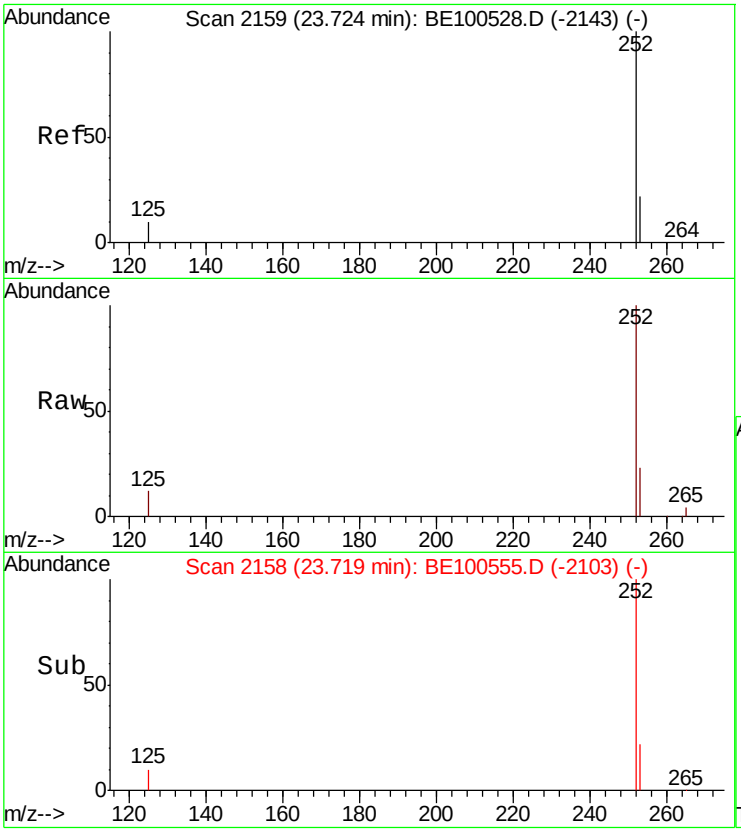


#36
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 23.07 min Scan# 1977
Delta R.T. -0.05 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:252 Resp: 73842

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.9	8.5	12.7



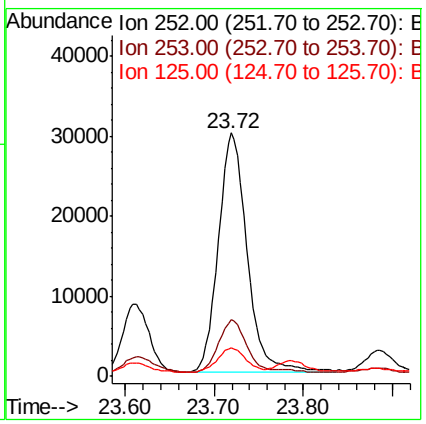


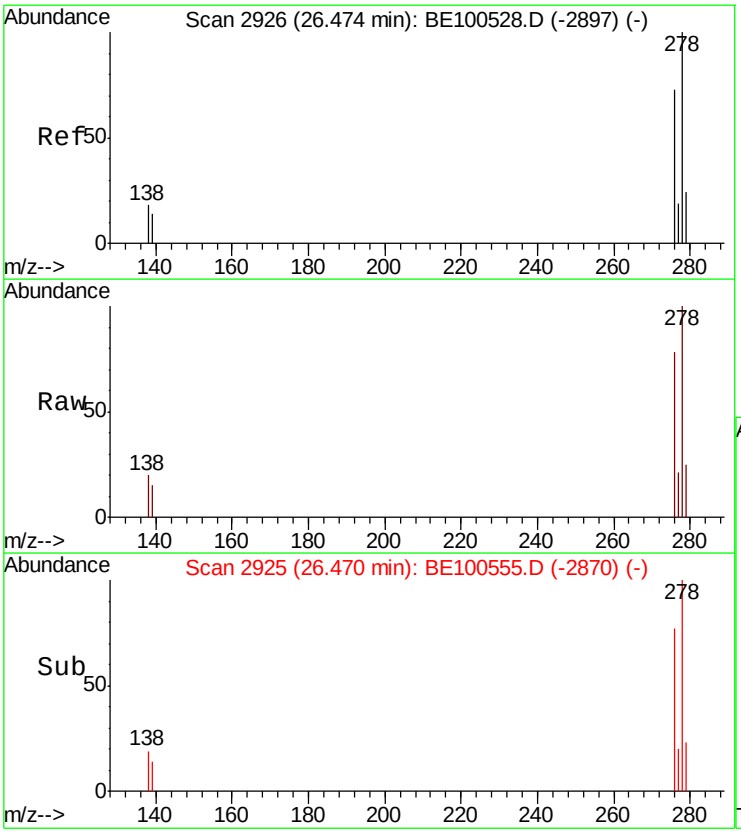
#37
Benzo(a)pyrene
Concen: 0.491 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 67952

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	12.0	9.2	13.8

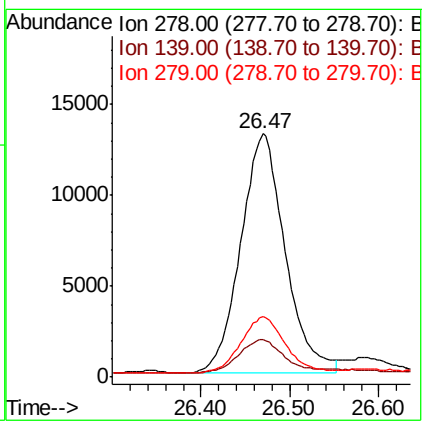


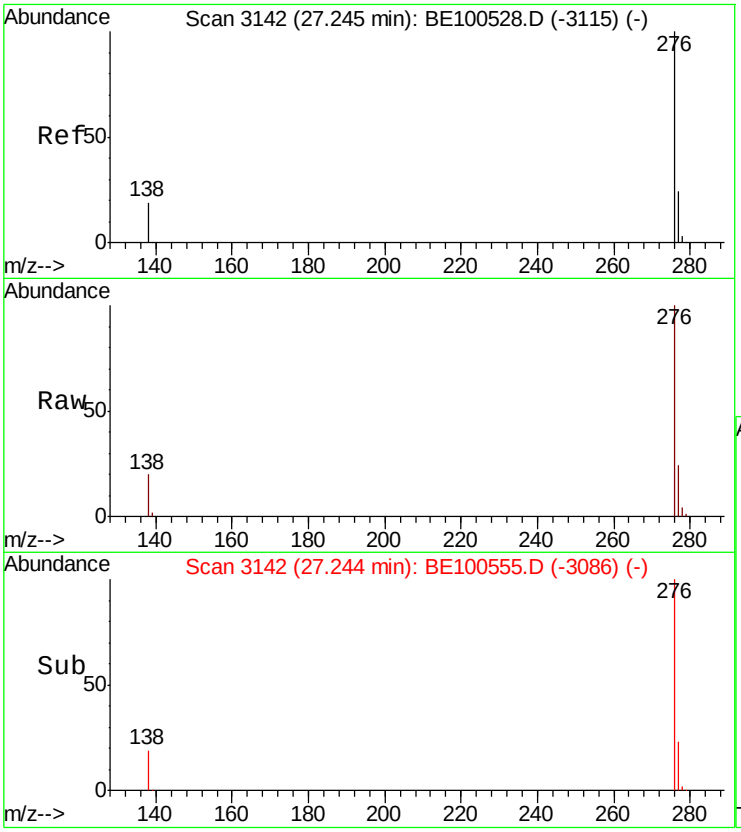


#38
Dibenzo(a,h)anthracene
Concen: 0.317 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Tgt Ion:278 Resp: 45718

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.6	17.4
279	24.9	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 27.24 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE100555.D
Acq: 25 Sep 2019 13:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 61003

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	20.4	15.7	23.5