Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
Data File : BE100559.D
Acq On : 25 Sep 2019 16:37
Operator : JU
Sample : K4995-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 00:41:20 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	7028	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	32416	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	18418	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	42797	0.40	ng		0.00
27) Chrysene-d12	21.37	240	51202	0.40	ng		0.00
34) Perylene-d12	23.84	264	61043	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	5467	0.33	ng		0.00
5) Phenol-d6	7.02	99	7571	0.34	ng		0.00
8) Nitrobenzene-d5	9.00	82	5826	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	12024	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1779	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	14890	0.23	ng		0.00
25) Fluoranthene-d10	19.22	212	138398	0.27	ng		0.00
29) Terphenyl-d14	19.82	244	28099	0.23	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.31	93	531	0.023	ng	#	1
9) Naphthalene	10.69	128	56558	0.168	ng		99
12) 2-Methylnaphthalene	12.31	142	10078	0.188	ng		98
16) Acenaphthylene	14.21	152	139321	1.837	ng		99
17) Acenaphthene	14.54	154	6310	0.123	ng		98
18) Fluorene	15.51	166	24582	0.384	ng	#	84
22) Pentachlorophenol	16.87	266	36	0.180	ng	#	74
23) Phenanthrene	17.24	178	553163	4.639	ng		99
24) Anthracene	17.34	178	84407	0.841	ng		94
26) Fluoranthene	19.26	202	1001767	6.966	ng		97
28) Pyrene	19.61	202	1278435	8.678	ng		96
30) Benzo(a)anthracene	21.34	228	561355	4.105	ng		95
31) Chrysene	21.40	228	688151	4.416	ng		96
32) Bis(2-ethylhexyl)phthalate	21.28	149	551471	3.741	ng		99
33) Indeno(1,2,3-cd)pyrene	26.45	276	393746	2.273	ng		98
35) Benzo(b)fluoranthene	23.08	252	708010	4.287	ng		98
36) Benzo(k)fluoranthene	23.08	252	708010	3.705	ng		98
37) Benzo(a)pyrene	23.73	252	571417	3.708	ng		99
38) Dibenzo(a,h)anthracene	26.47	278	103139	0.643	ng	#	88
39) Benzo(g,h,i)perylene	27.26	276	447408	2.669	ng		98

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

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Acq On : 25 Sep 2019 16:37
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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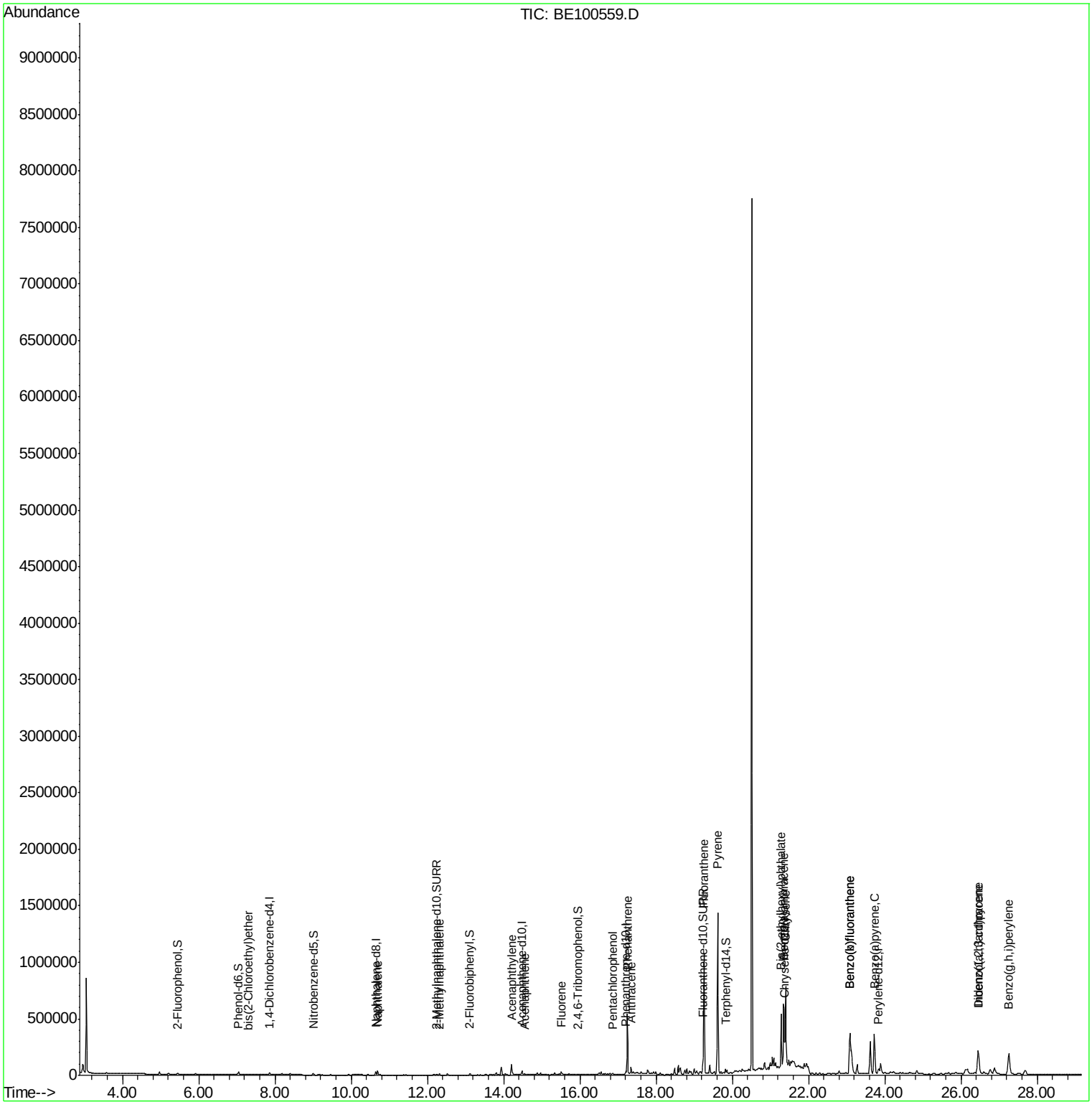
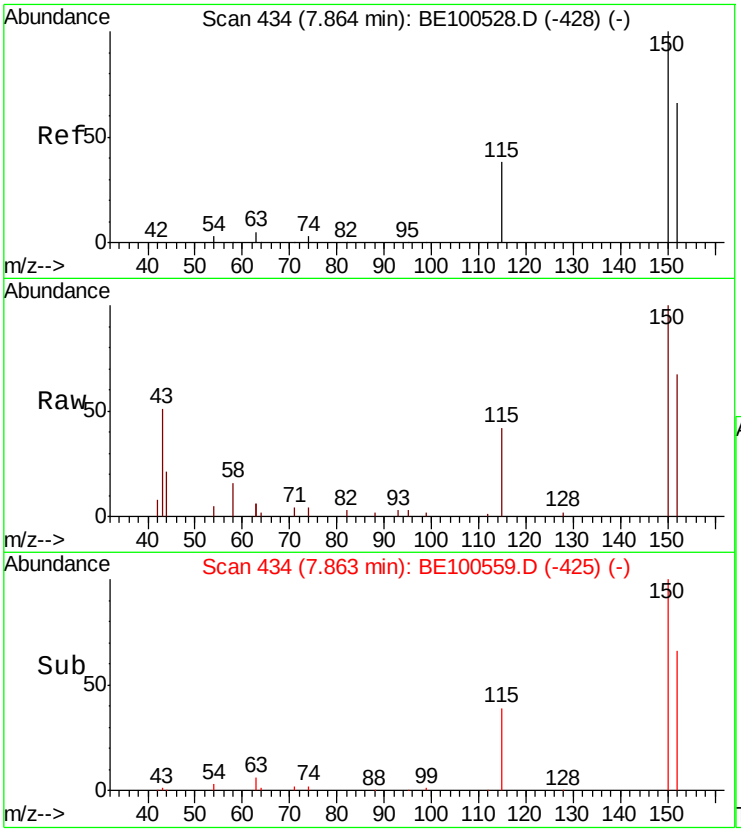


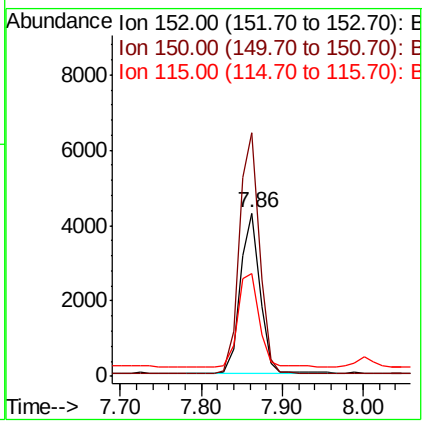


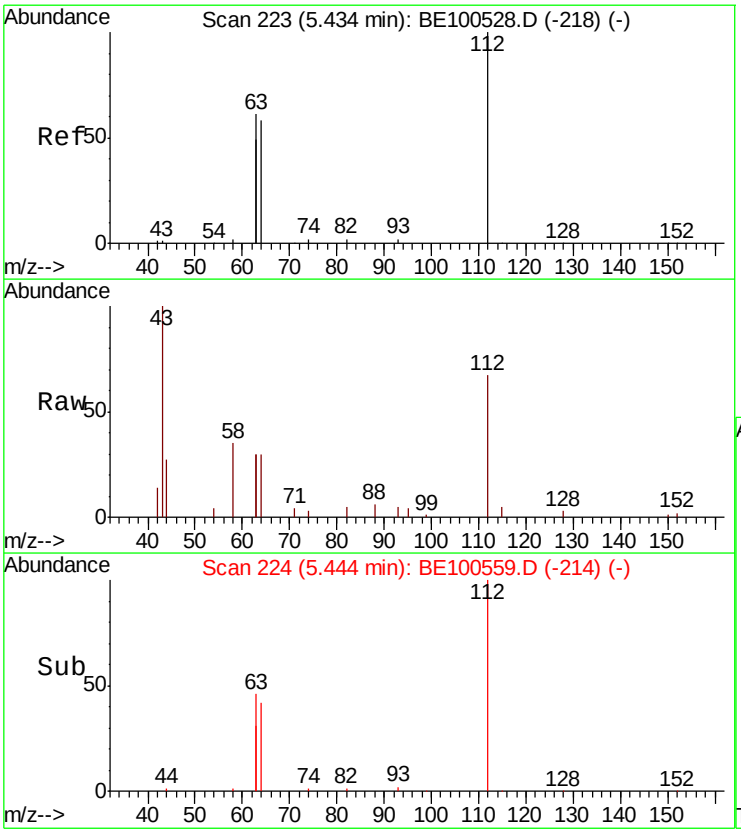
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7028

Ion	Ratio	Lower	Upper
152	100		
150	149.4	121.6	182.4
115	63.0	48.2	72.4

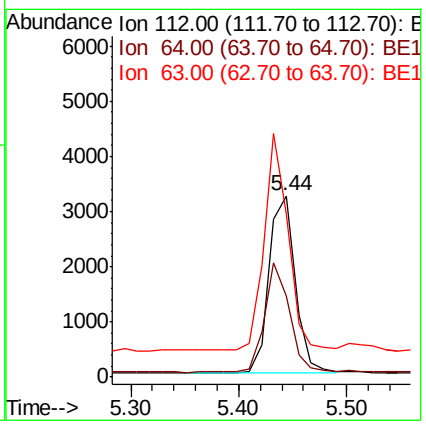


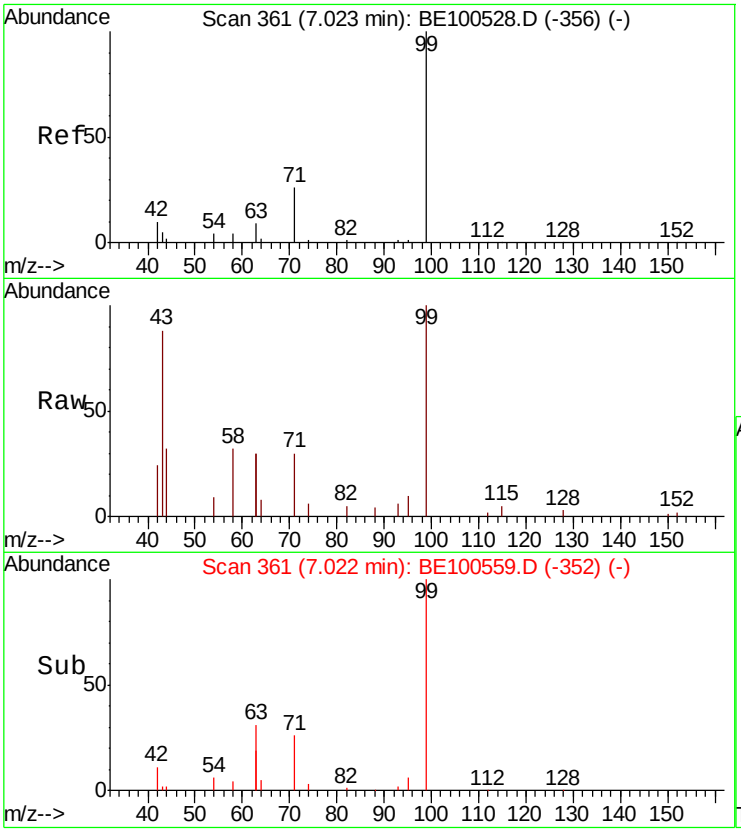


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:112 Resp: 5467

Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.1	66.1
63	110.1	86.5	129.7



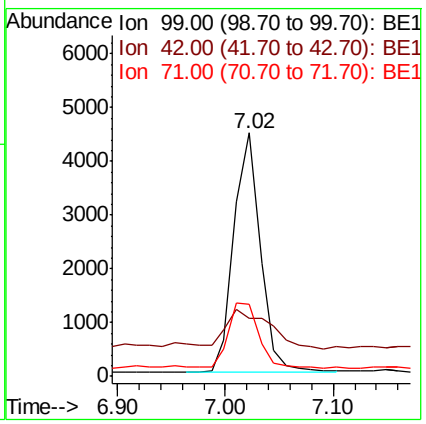


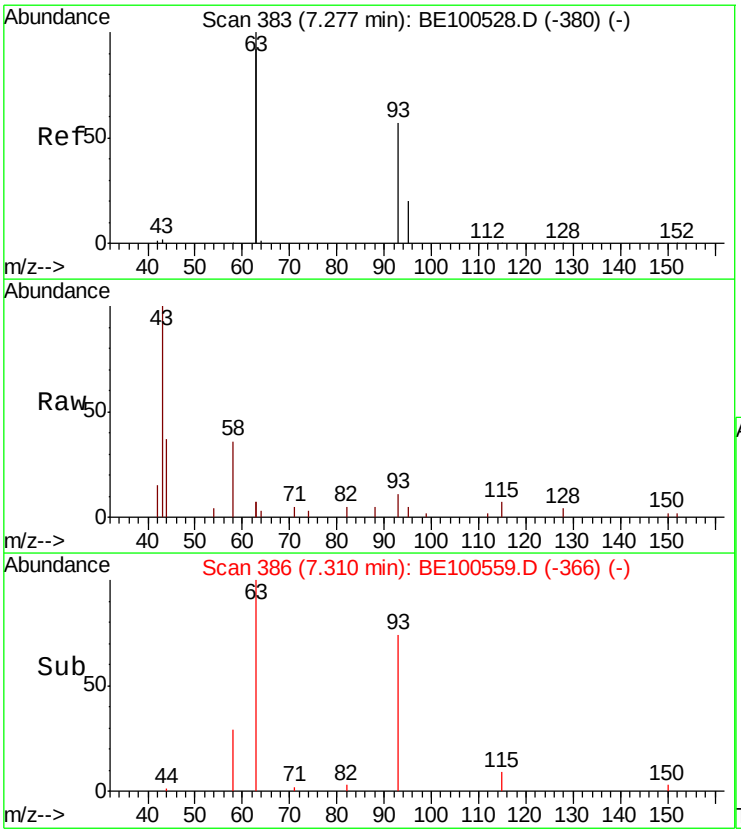
#5
Phenol-d6
Concen: 0.336 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7571

Ion	Ratio	Lower	Upper
99	100		
42	28.1	13.0	19.6#
71	30.5	23.4	35.0

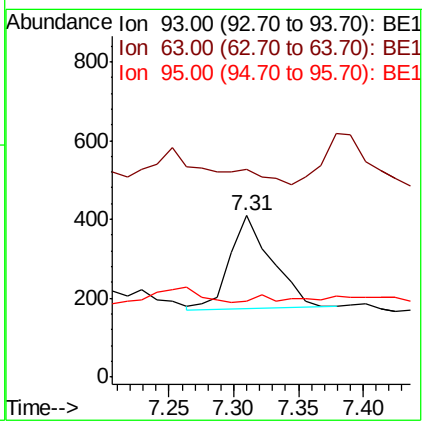


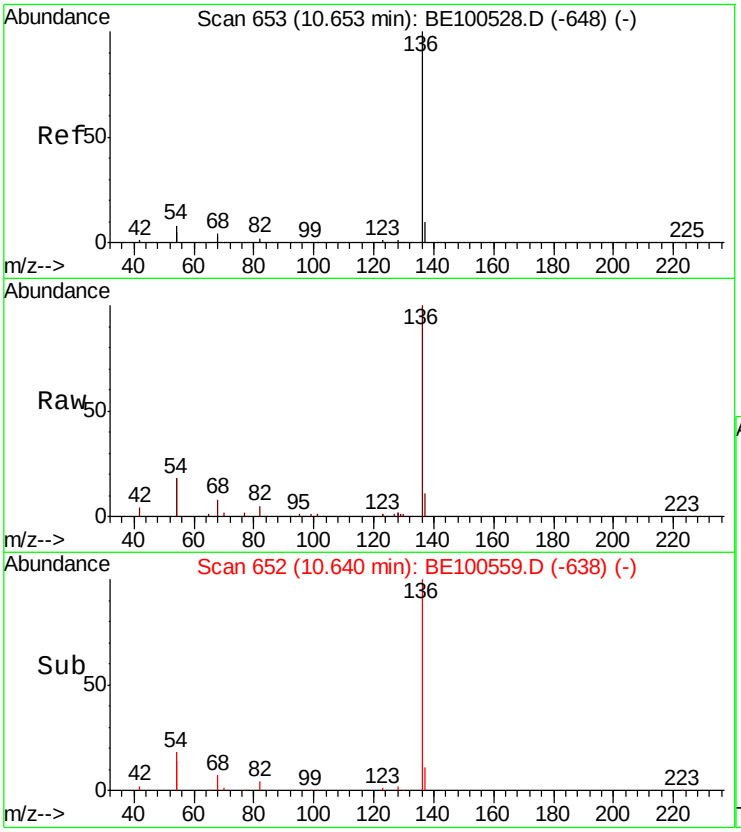


#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.03 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion: 93 Resp: 531

Ion	Ratio	Lower	Upper
93	100		
63	0.0	213.4	320.0#
95	5.5	23.7	35.5#



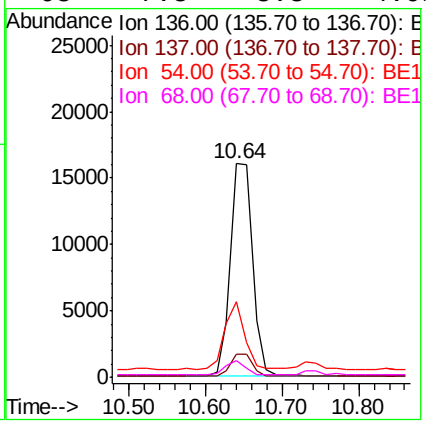


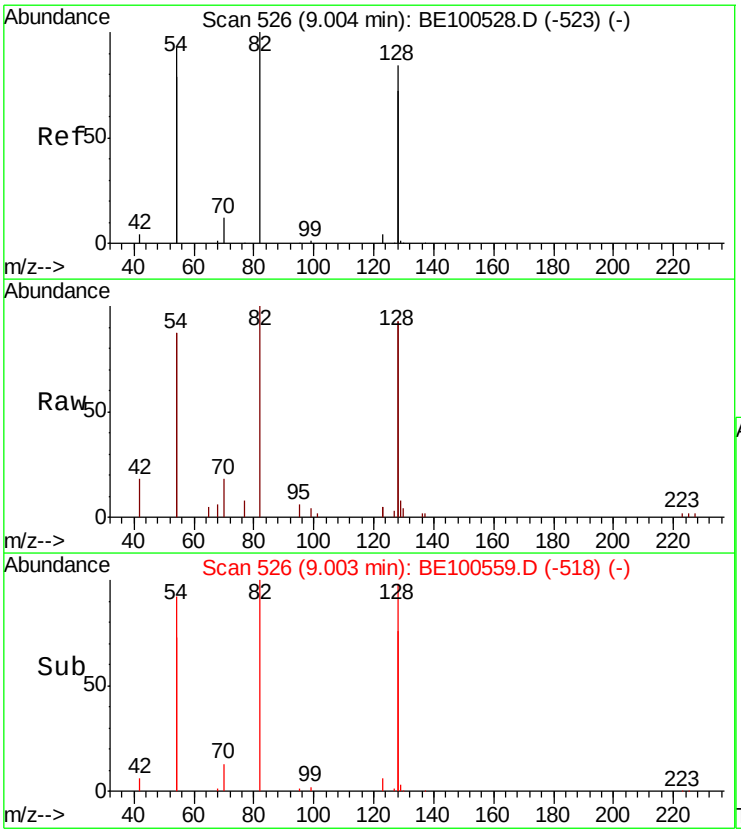
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 32416

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	35.4	12.4	18.6#
68	7.8	3.3	4.9#

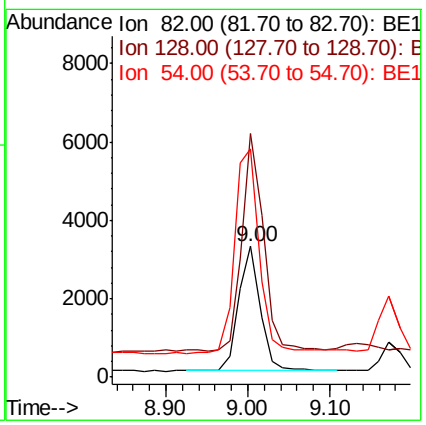


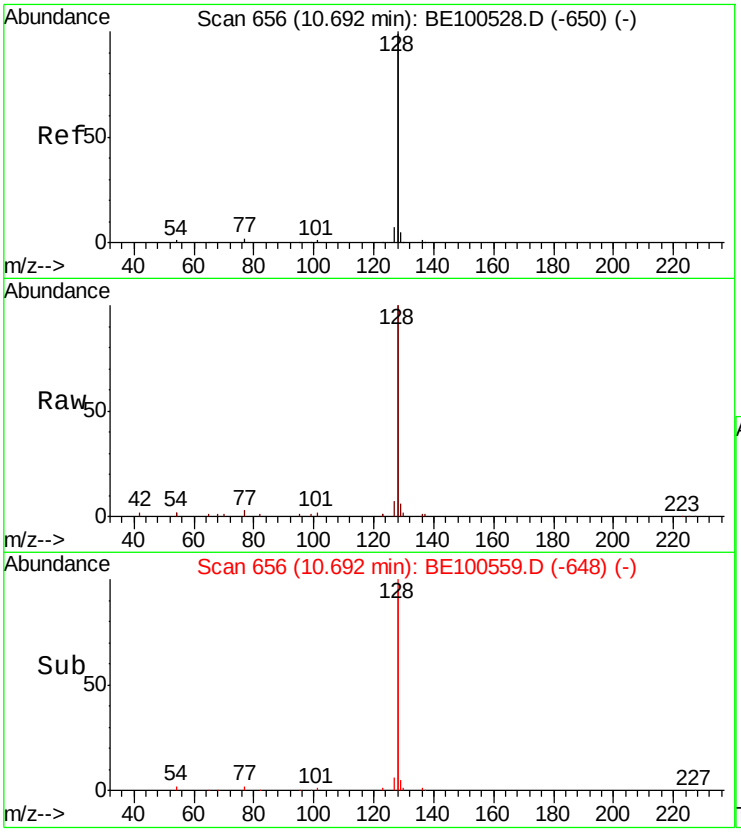


#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion: 82 Resp: 5826

Ion	Ratio	Lower	Upper
82	100		
128	186.5	129.4	194.2
54	174.8	143.3	214.9



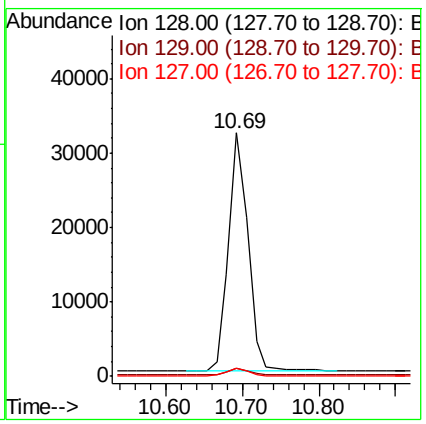


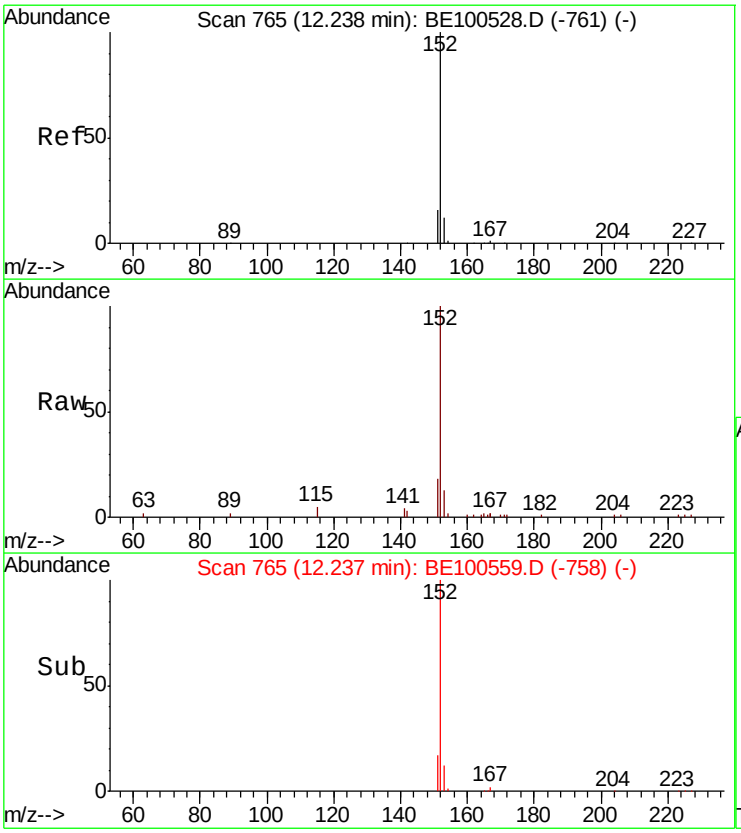
#9
Naphthalene
Concen: 0.168 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 56558

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.2	3.4
127	3.5	2.7	4.1

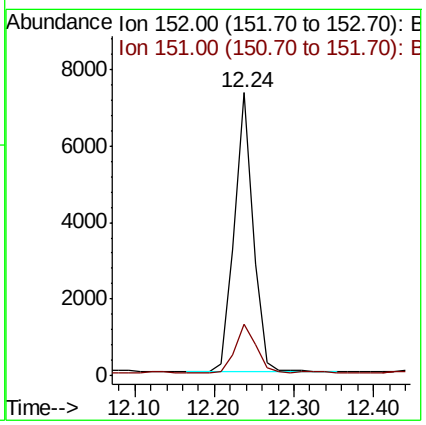


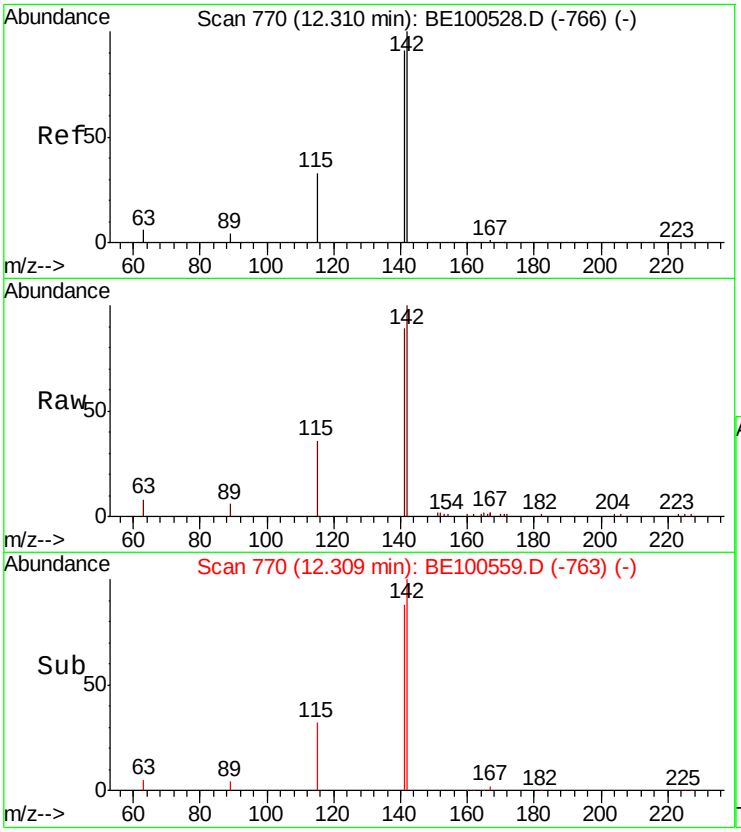


#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:152 Resp: 12024

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9



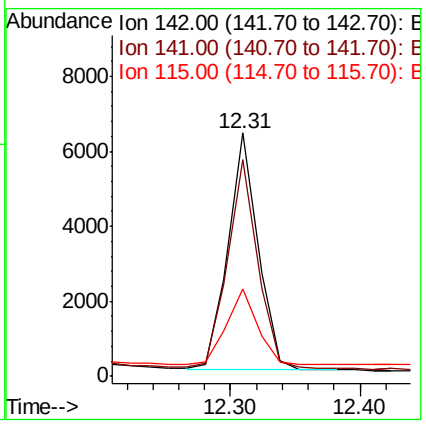


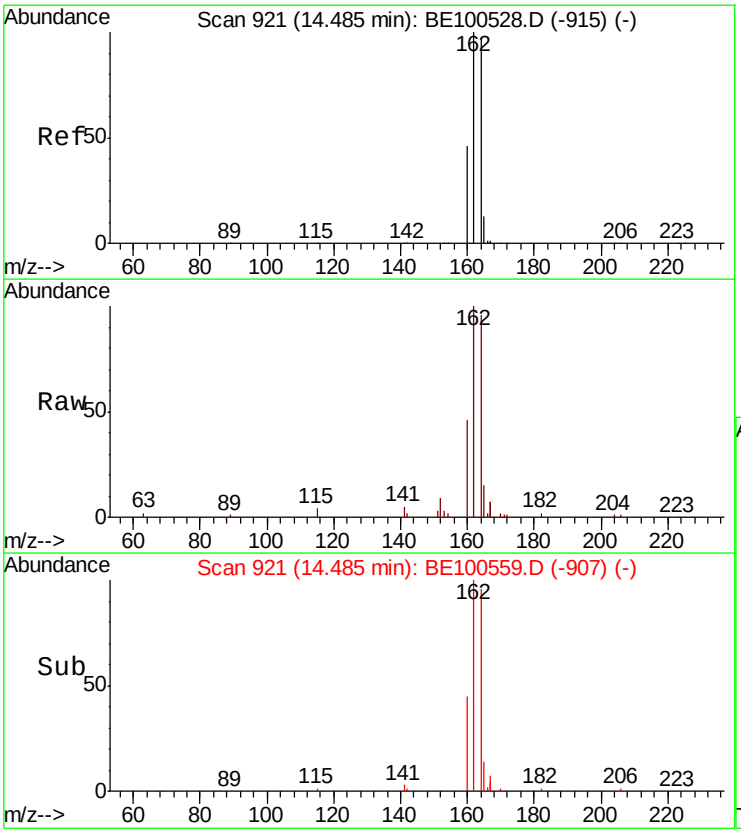
#12
2-Methylnaphthalene
Concen: 0.188 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 10078

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.5	108.7
115	36.0	27.2	40.8

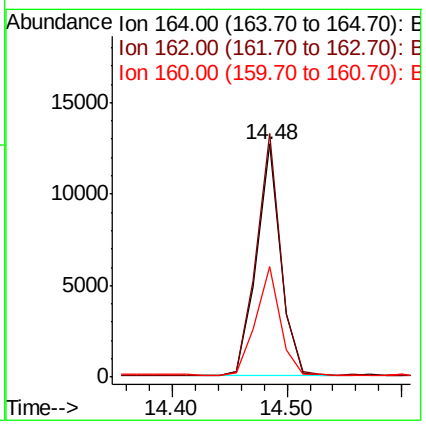


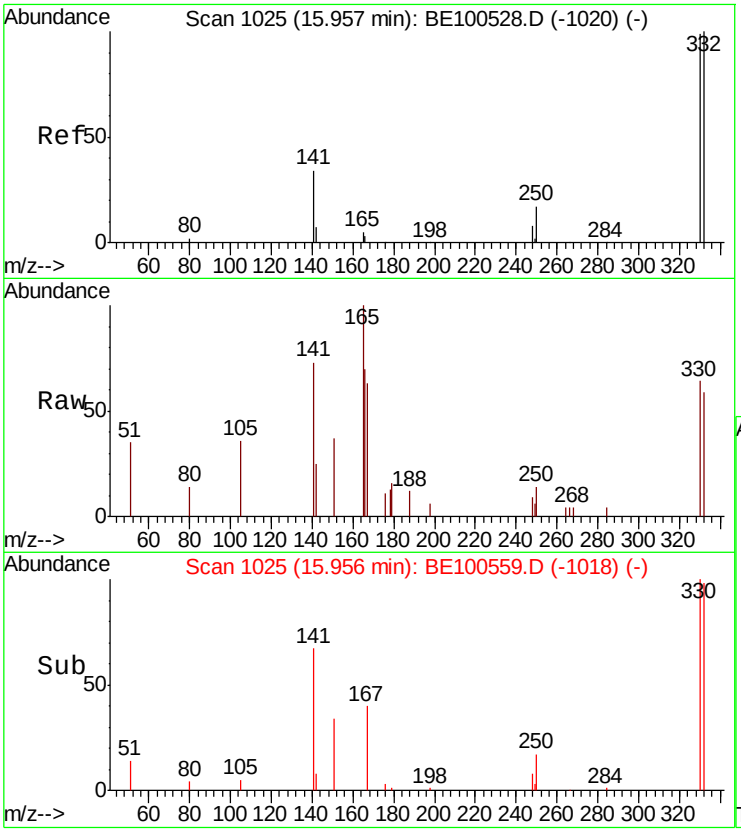


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:164 Resp: 18418

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.1	123.1
160	47.6	37.6	56.4



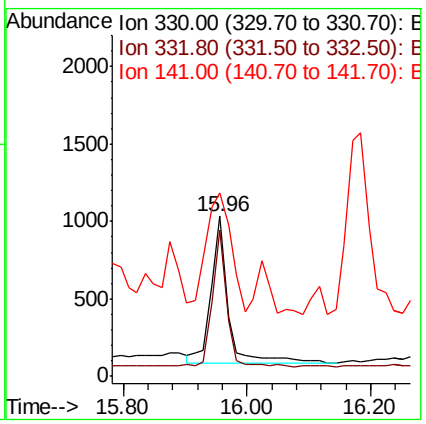


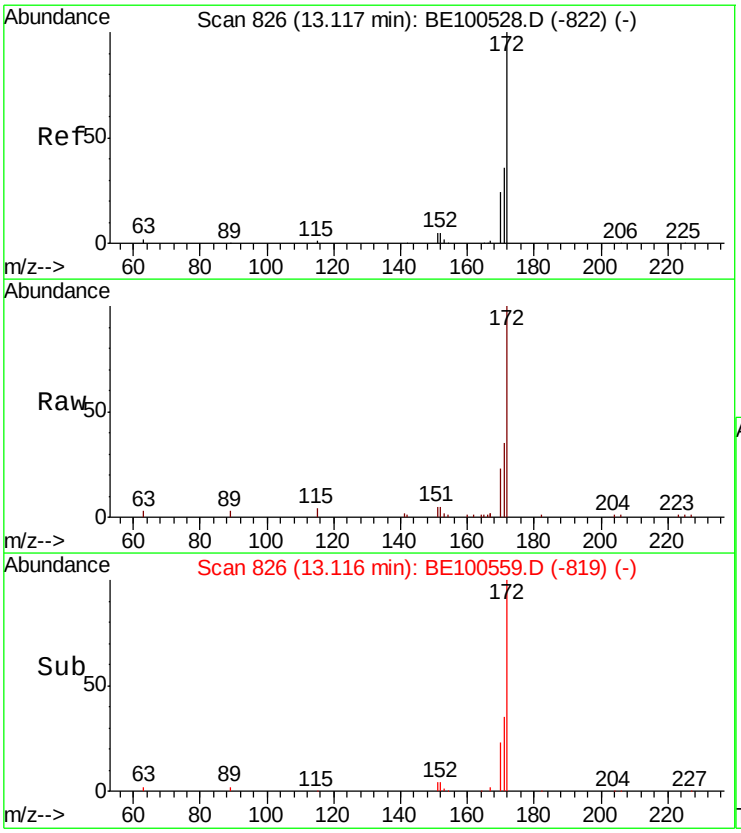
#14
2,4,6-Tribromophenol
Concen: 0.597 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 1779

Ion	Ratio	Lower	Upper
330	100		
332	79.0	75.5	113.3
141	120.6	42.3	63.5#

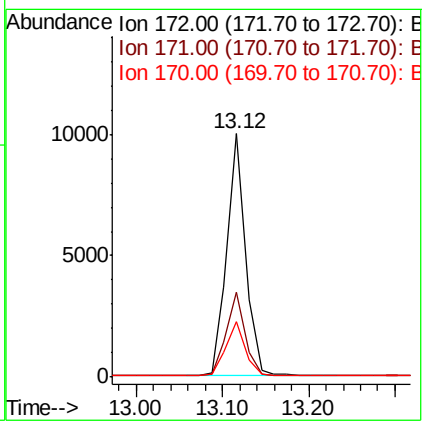


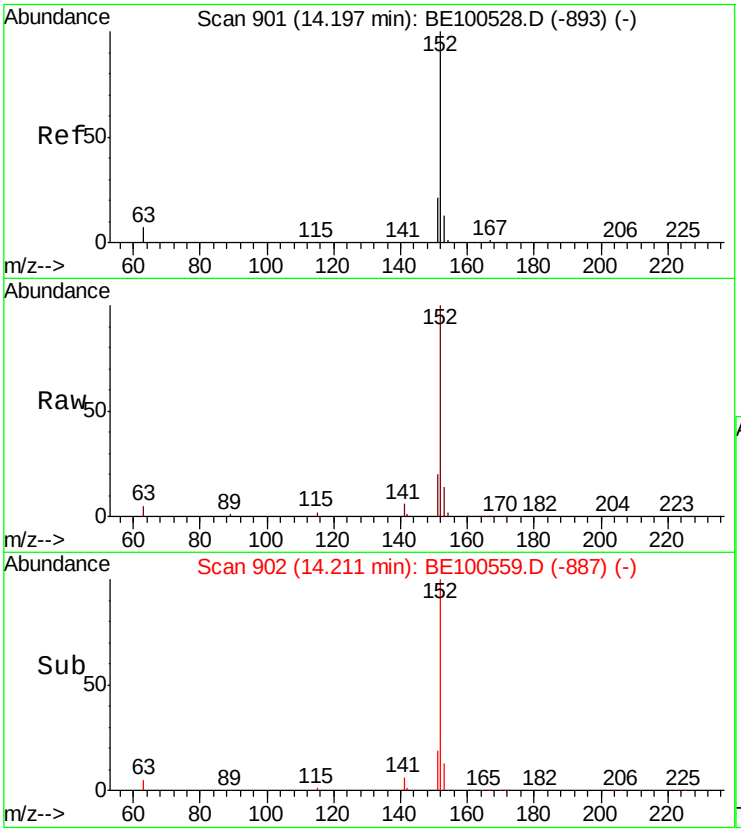


#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:172 Resp: 14890

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.0	19.4	29.0



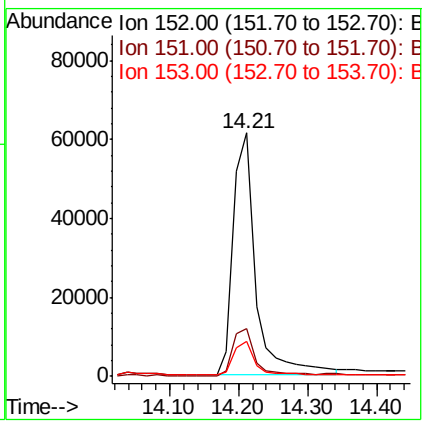


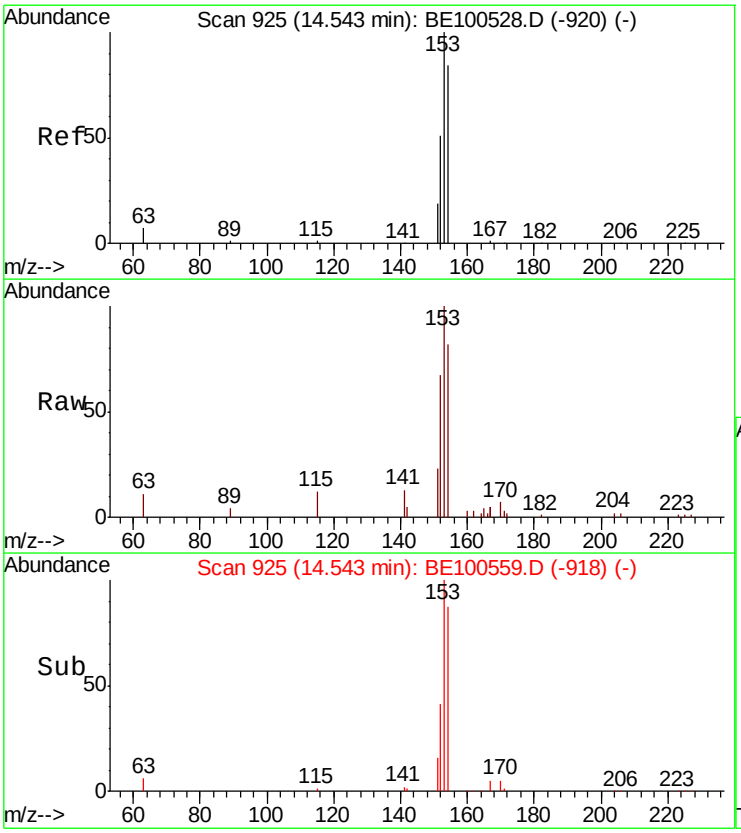
#16
Acenaphthylene
Concen: 1.837 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 139321

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.3	10.7	16.1

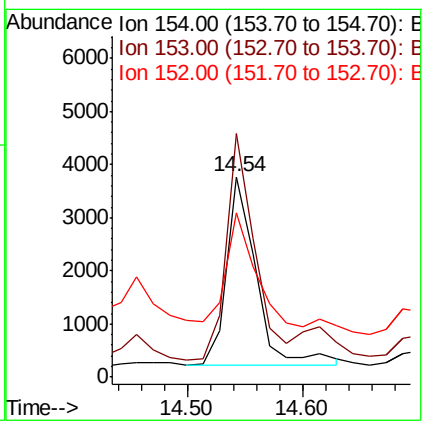


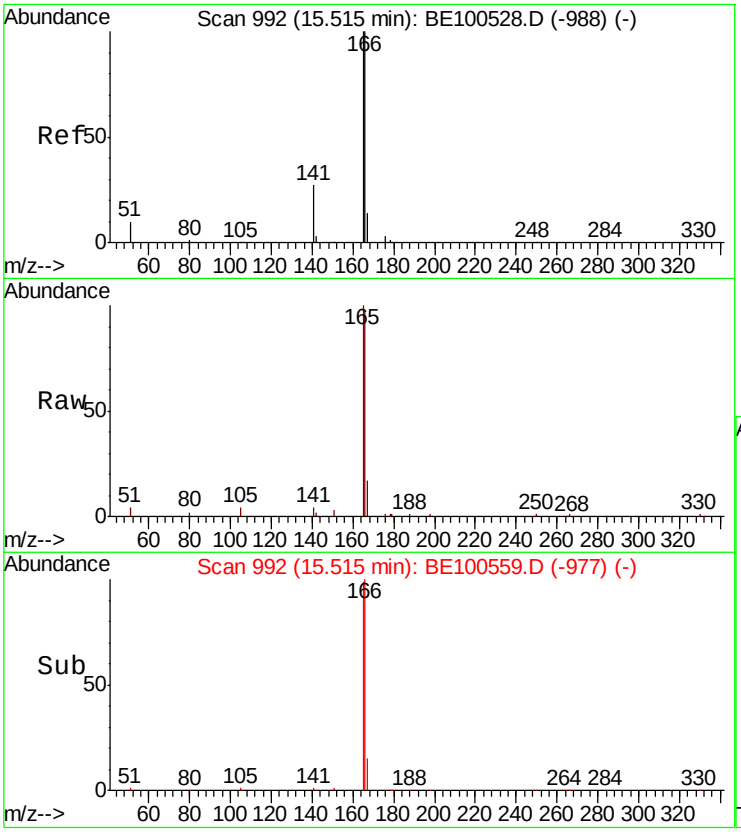


#17
Acenaphthene
Concen: 0.123 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:154 Resp: 6310

Ion	Ratio	Lower	Upper
154	100		
153	114.3	93.7	140.5
152	57.9	47.3	70.9



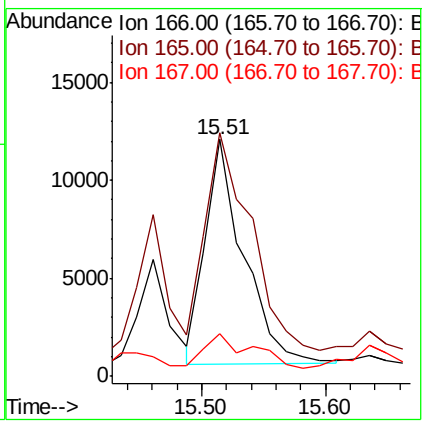


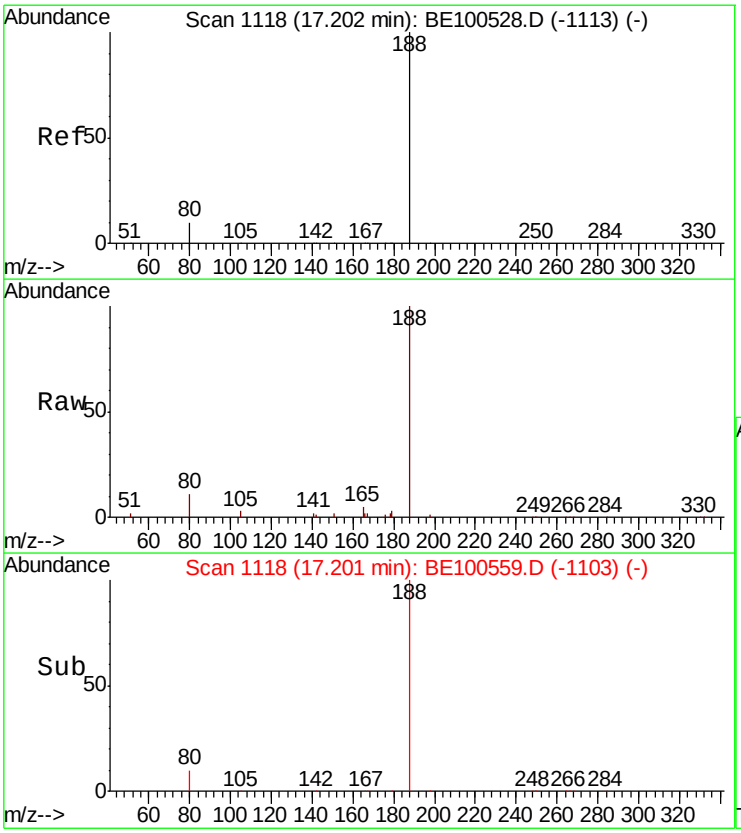
#18
Fluorene
Concen: 0.384 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 24582

Ion	Ratio	Lower	Upper
166	100		
165	116.3	80.1	120.1
167	18.3	10.9	16.3#

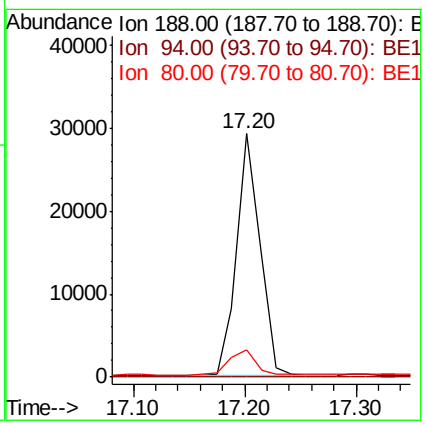


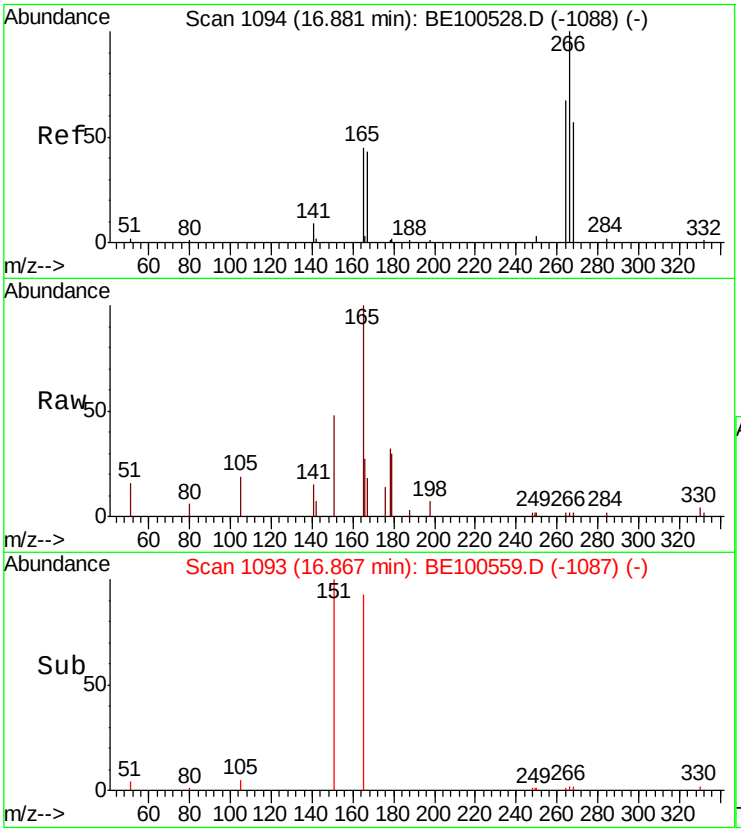


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:188 Resp: 42797

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	8.0	12.0



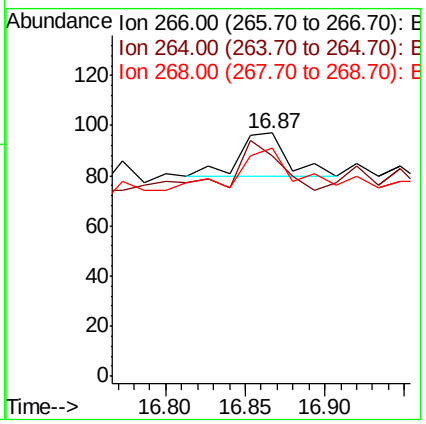


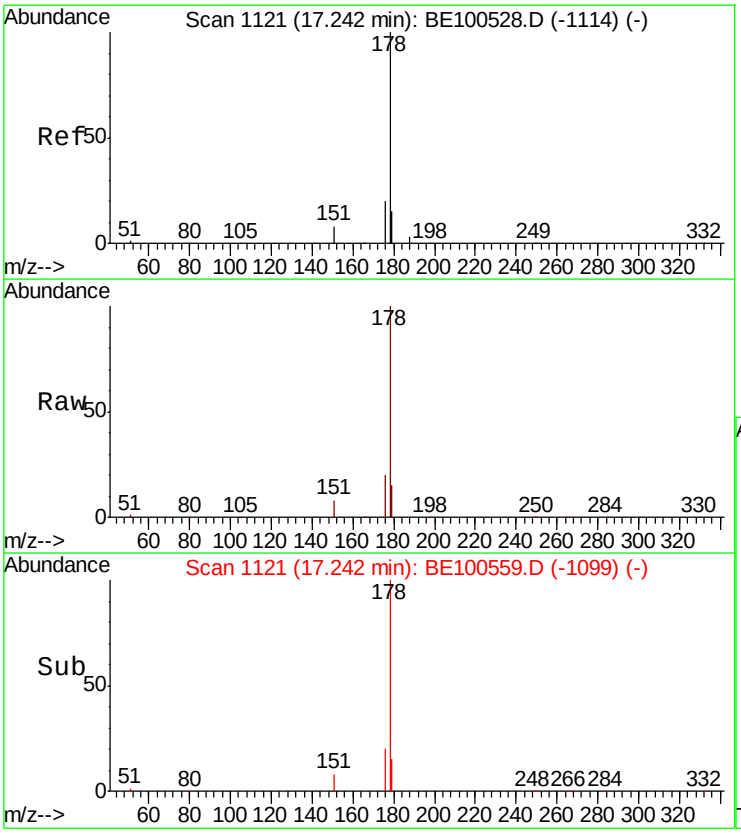
#22
Pentachlorophenol
Concen: 0.180 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 36

Ion	Ratio	Lower	Upper
266	100		
264	90.7	57.6	86.4#
268	93.8	55.1	82.7#

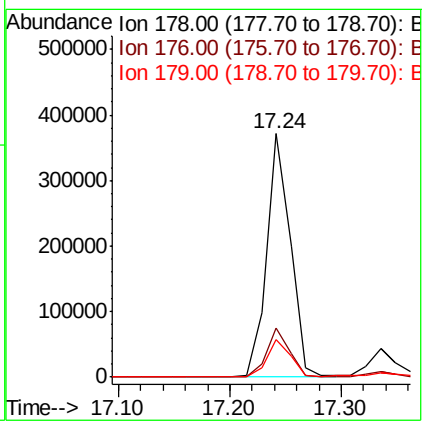


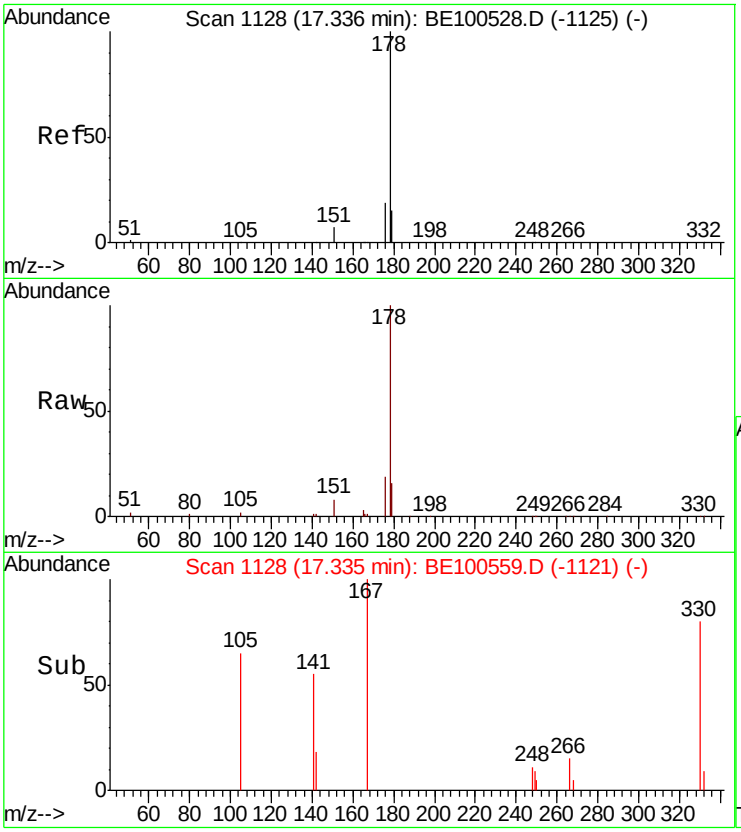


#23
Phenanthrene
Concen: 4.639 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:178 Resp: 553163

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.6	12.6	18.8



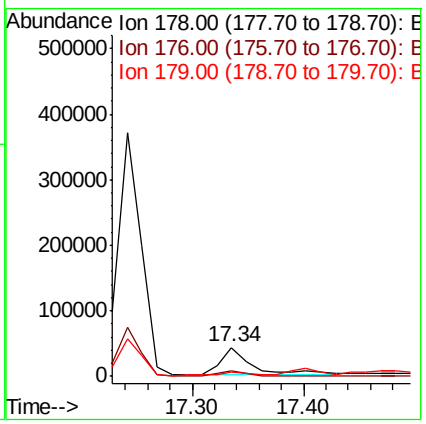


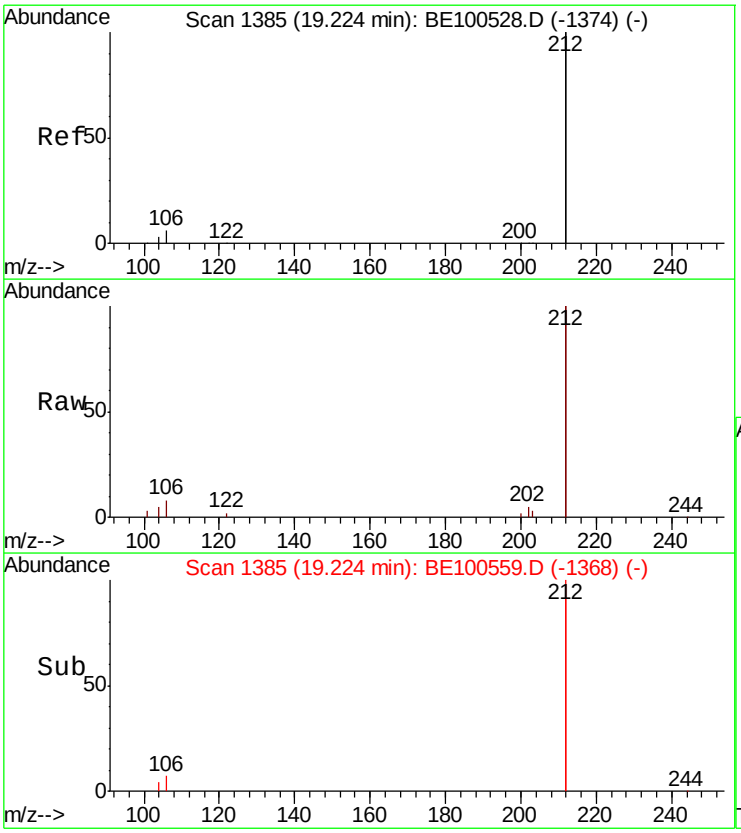
#24
Anthracene
Concen: 0.841 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 84407

Ion	Ratio	Lower	Upper
178	100		
176	15.6	15.2	22.8
179	13.4	12.2	18.4

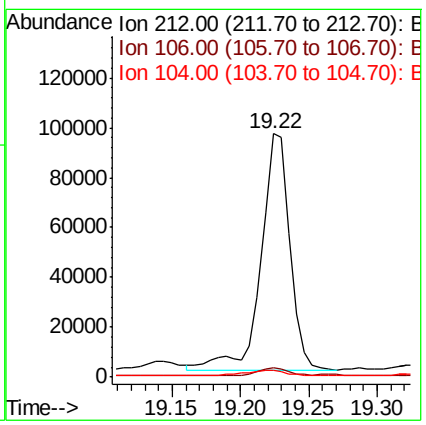


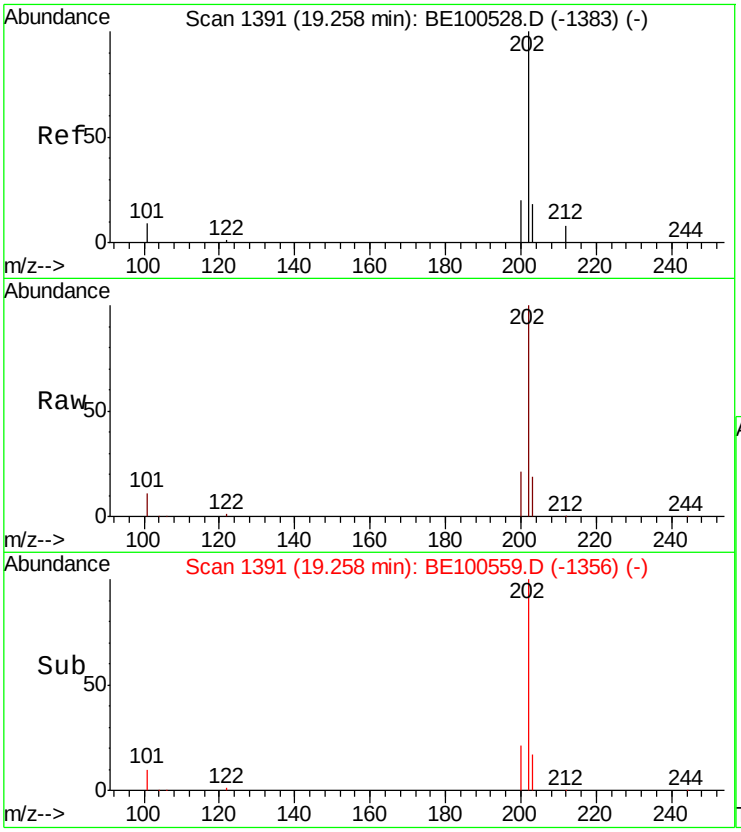


#25
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:212 Resp: 138398

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



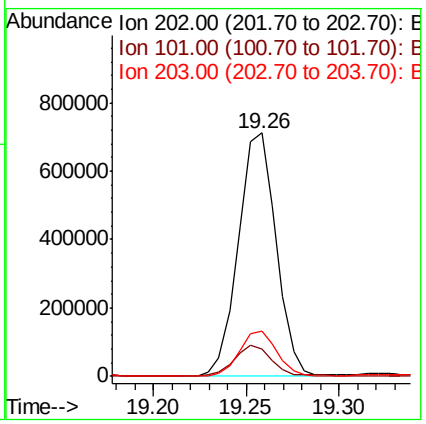


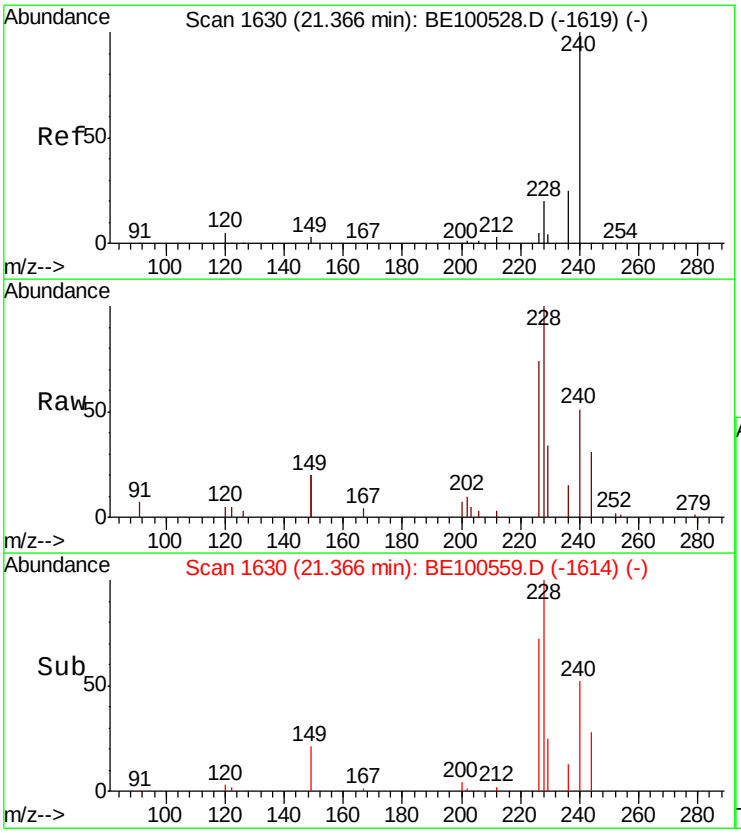
#26
Fluoranthene
Concen: 6.966 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1001767

Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.8	13.2
203	18.1	13.7	20.5

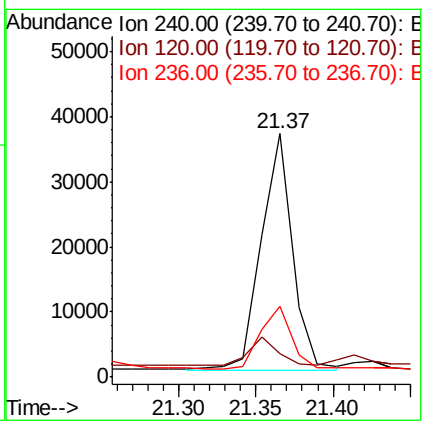


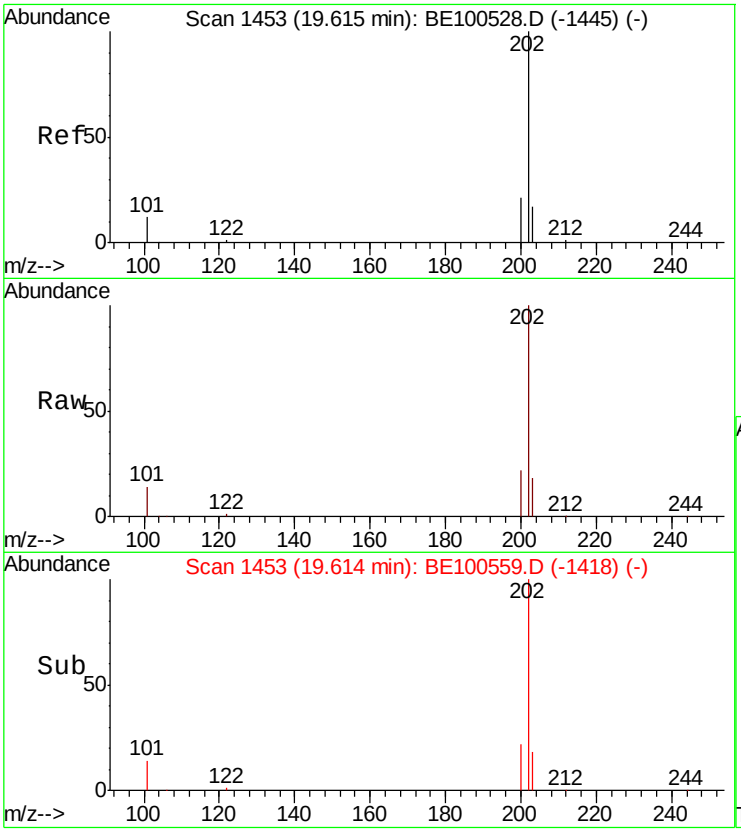


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:240 Resp: 51202

Ion	Ratio	Lower	Upper
240	100		
120	9.6	4.5	6.7#
236	29.0	20.6	30.8



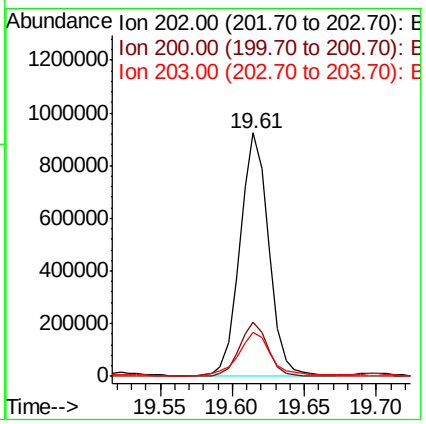


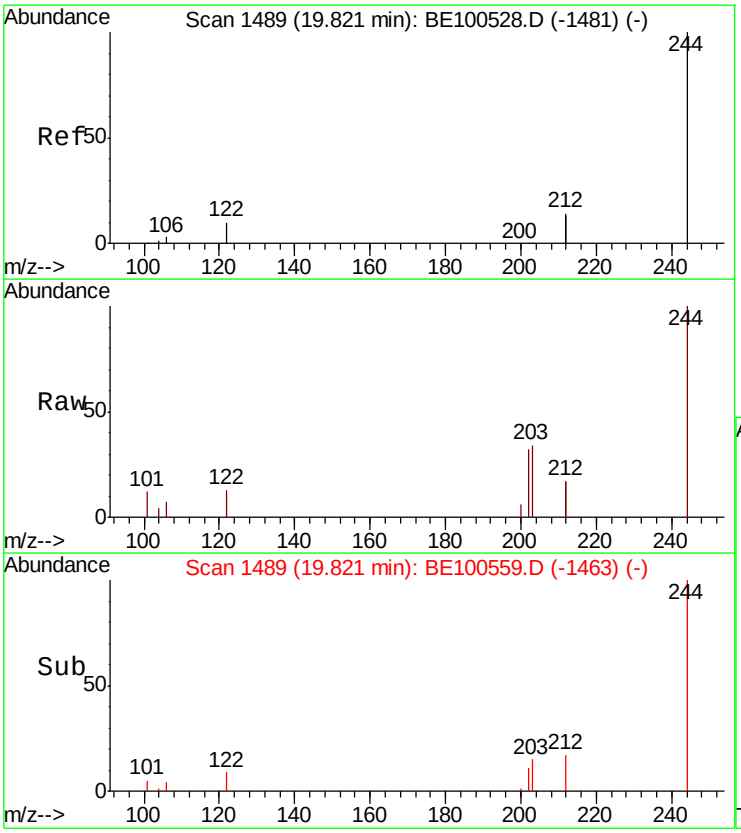
#28
Pyrene
Concen: 8.678 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1278435

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	20.1	14.0	21.0

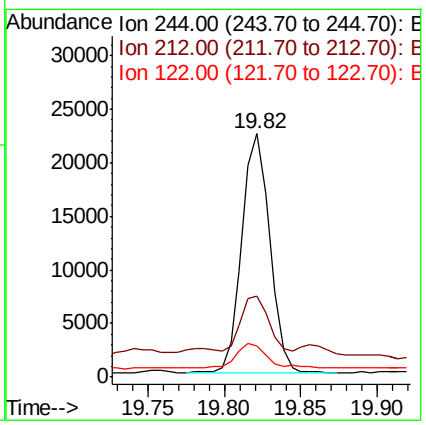


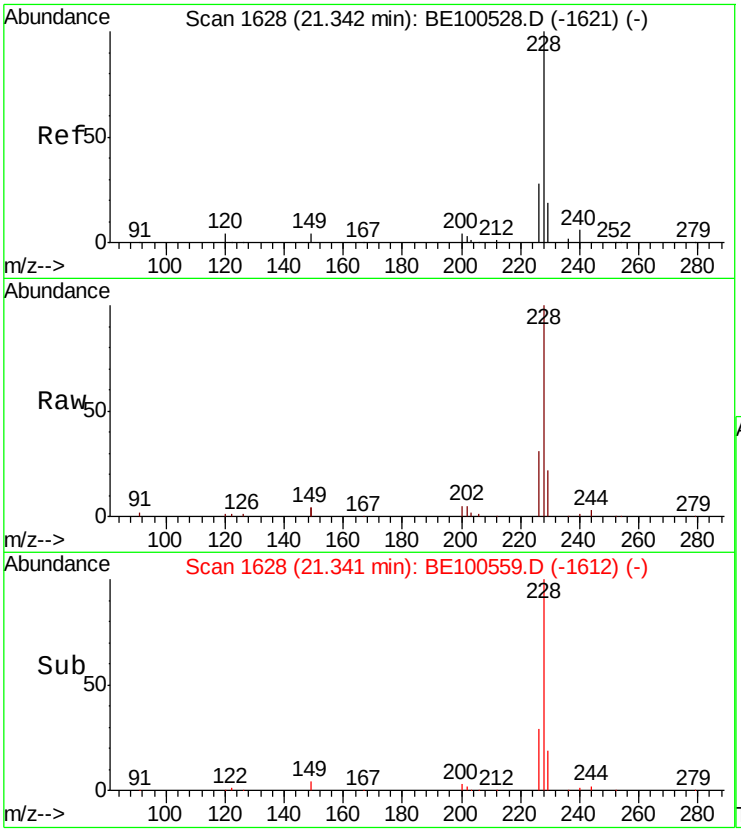


#29
Terphenyl-d14
Concen: 0.232 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:244 Resp: 28099

Ion	Ratio	Lower	Upper
244	100		
212	33.5	22.2	33.2#
122	12.8	8.3	12.5#



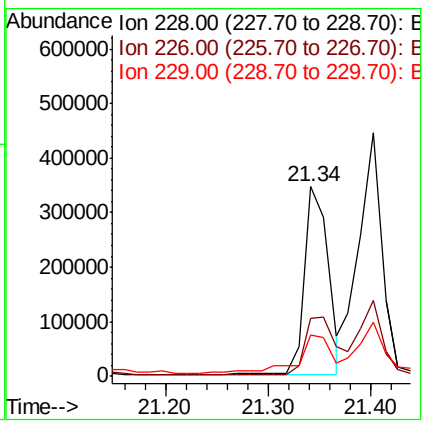


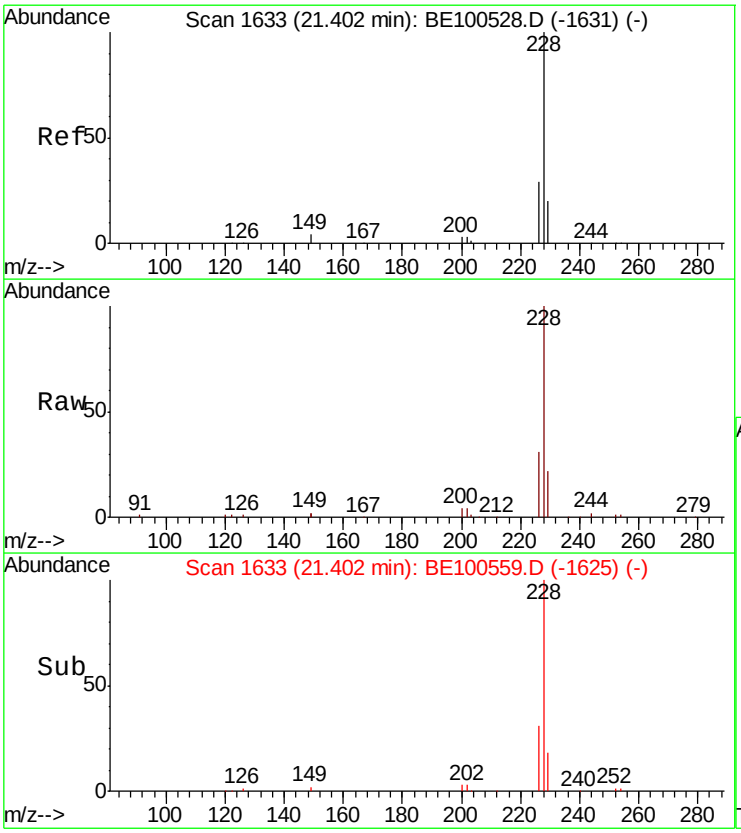
#30
Benzo(a)anthracene
Concen: 4.105 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 561355

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.5	33.7
229	22.0	15.4	23.2

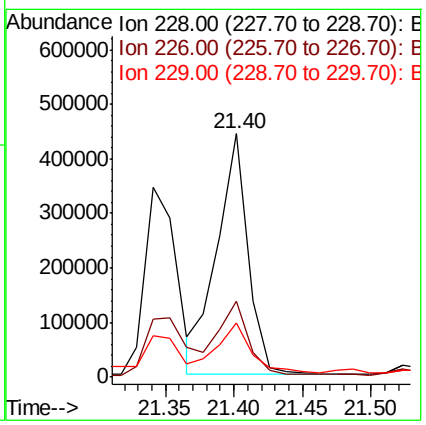


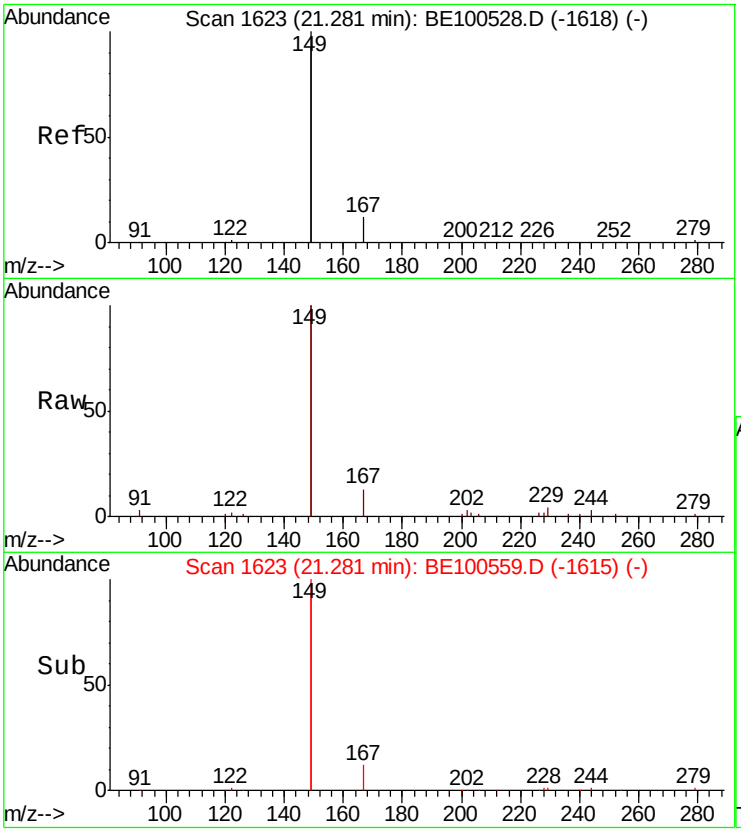


#31
Chrysene
Concen: 4.416 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:228 Resp: 688151

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.3	34.9
229	22.4	16.3	24.5



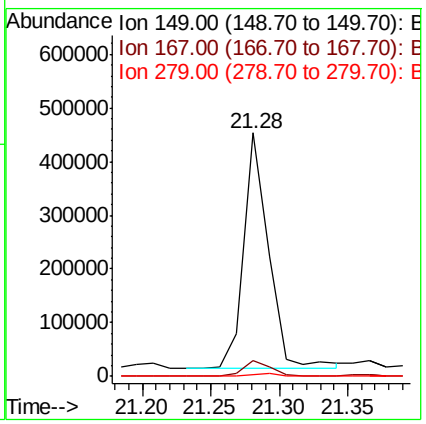


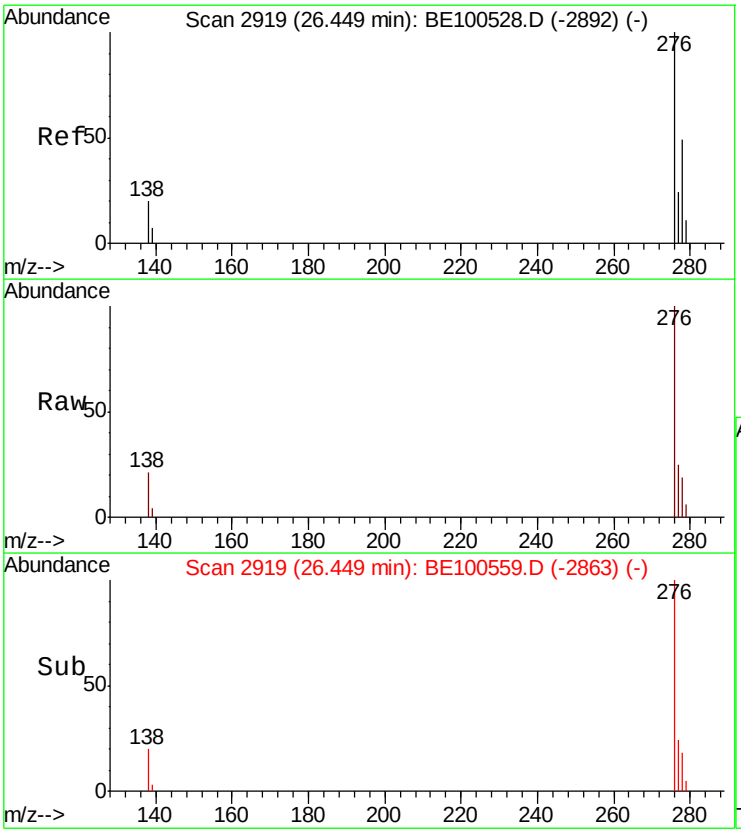
#32
Bis(2-ethylhexyl)phthalate
Concen: 3.741 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 551471

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.2	7.8
279	1.0	1.0	1.4

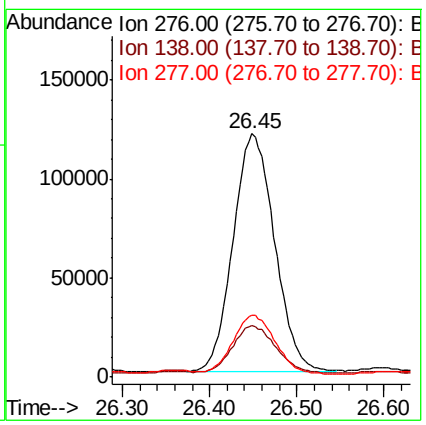


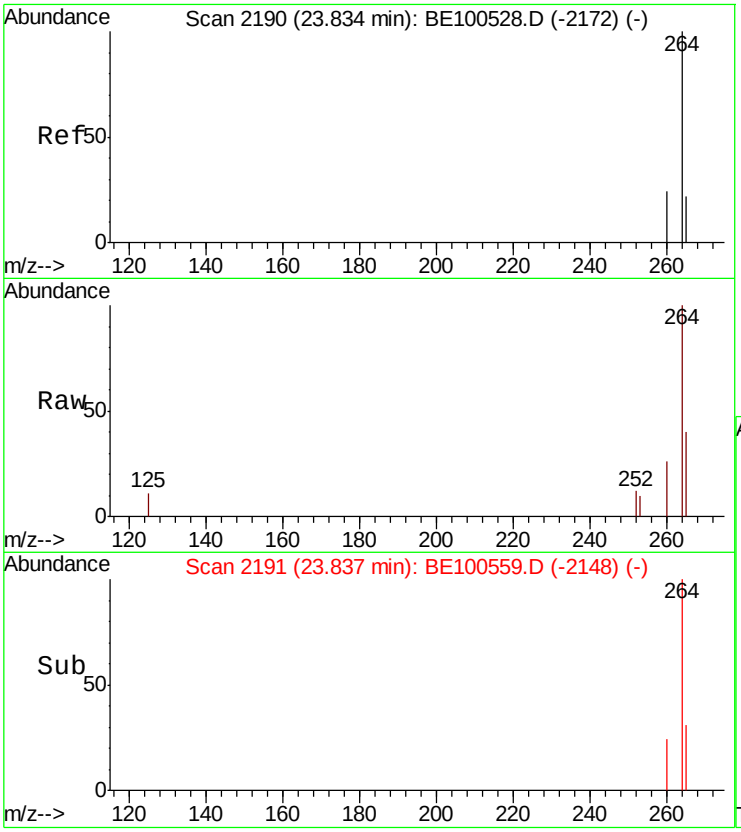


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.273 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:276 Resp: 393746

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.7	26.5
277	25.3	19.9	29.9



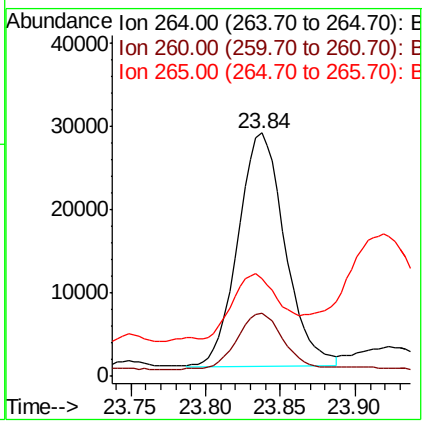


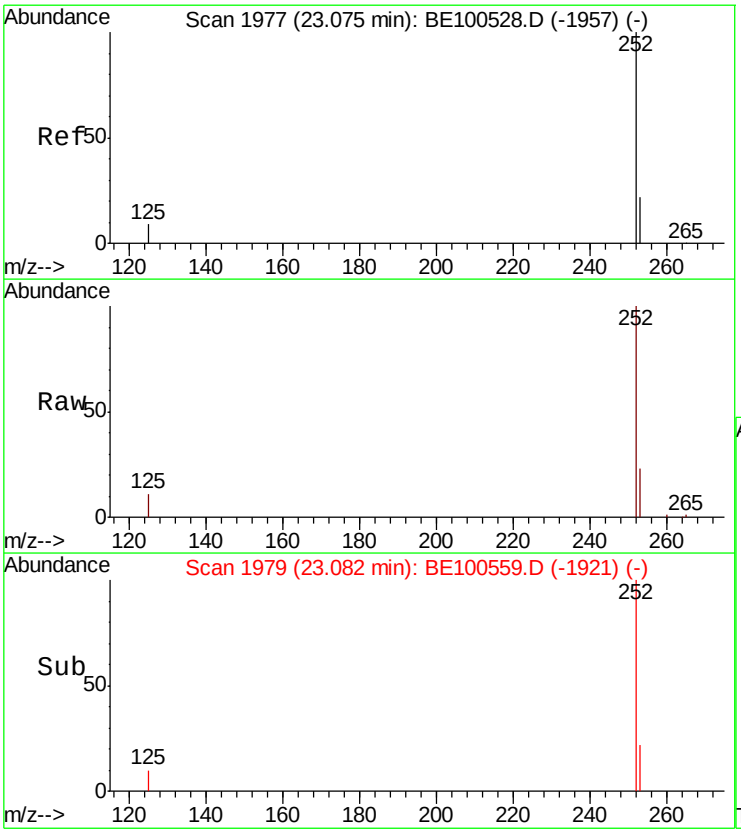
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 61043

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.6	29.4
265	40.3	21.8	32.8#

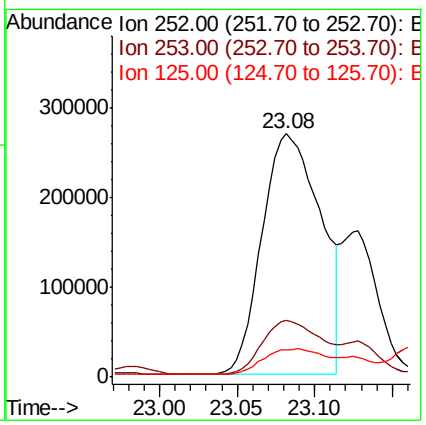


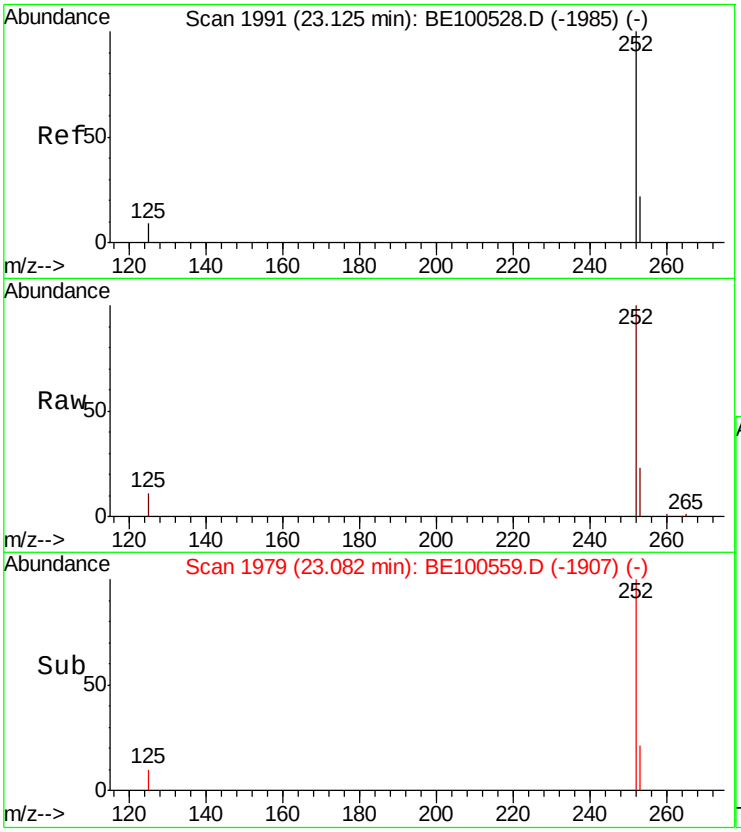


#35
Benzo(b)fluoranthene
Concen: 4.287 ng
RT: 23.08 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:252 Resp: 708010

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.4	8.0	12.0



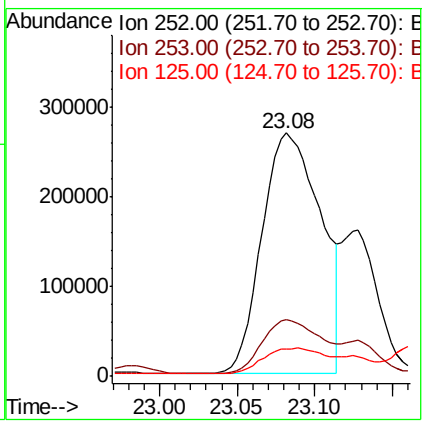


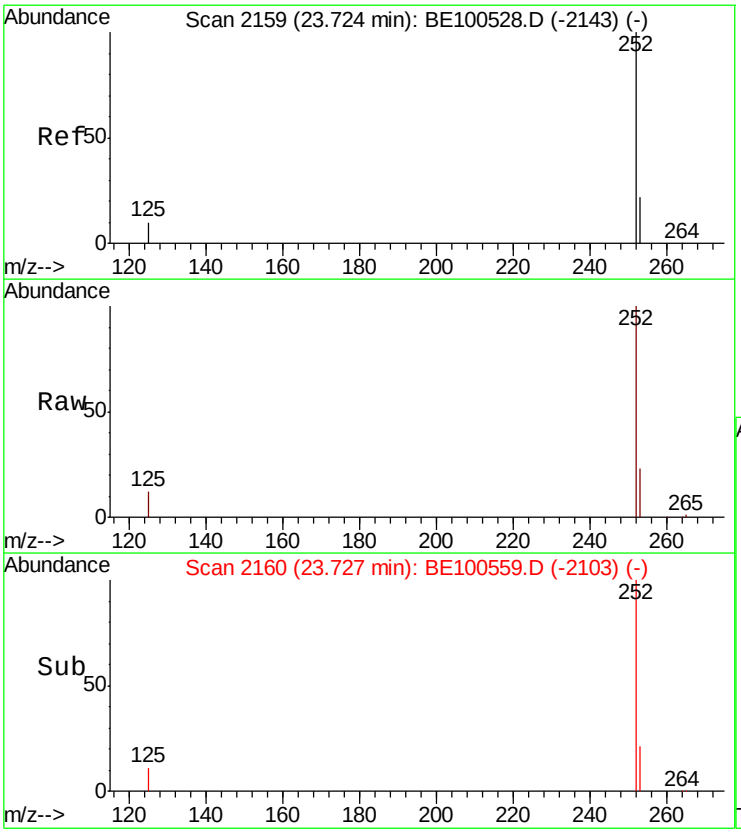
#36
Benzo(k)fluoranthene
Concen: 3.705 ng
RT: 23.08 min Scan# 1979
Delta R.T. -0.04 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 708010

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	11.4	8.5	12.7

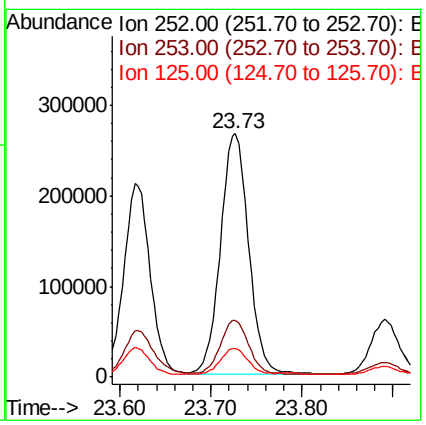


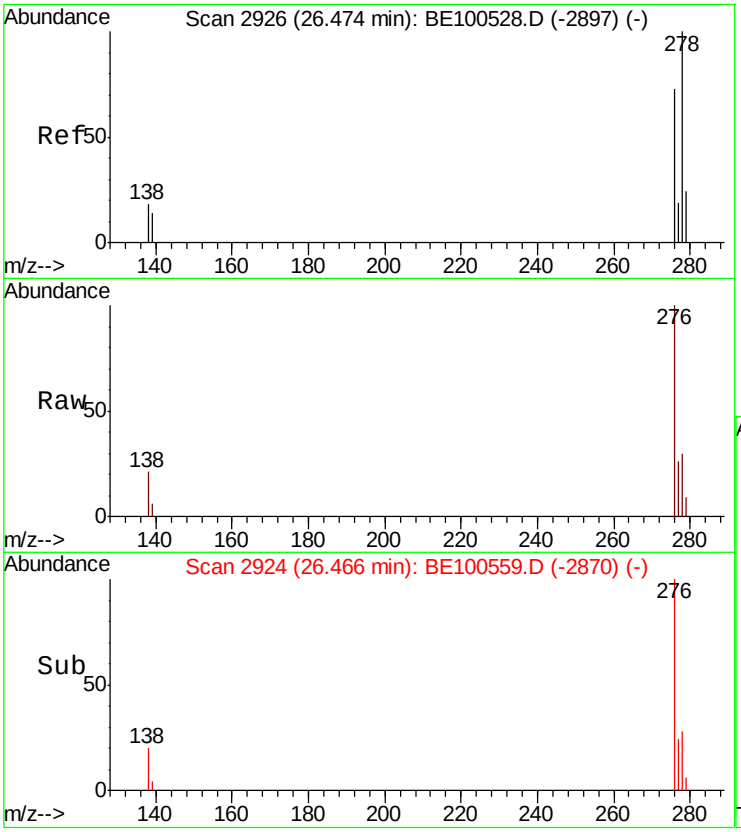


#37
Benzo(a)pyrene
Concen: 3.708 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:252 Resp: 571417

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.7	9.2	13.8



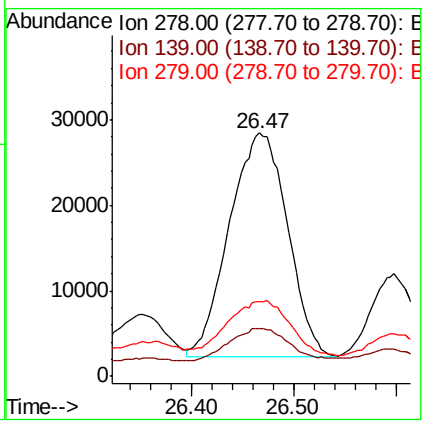


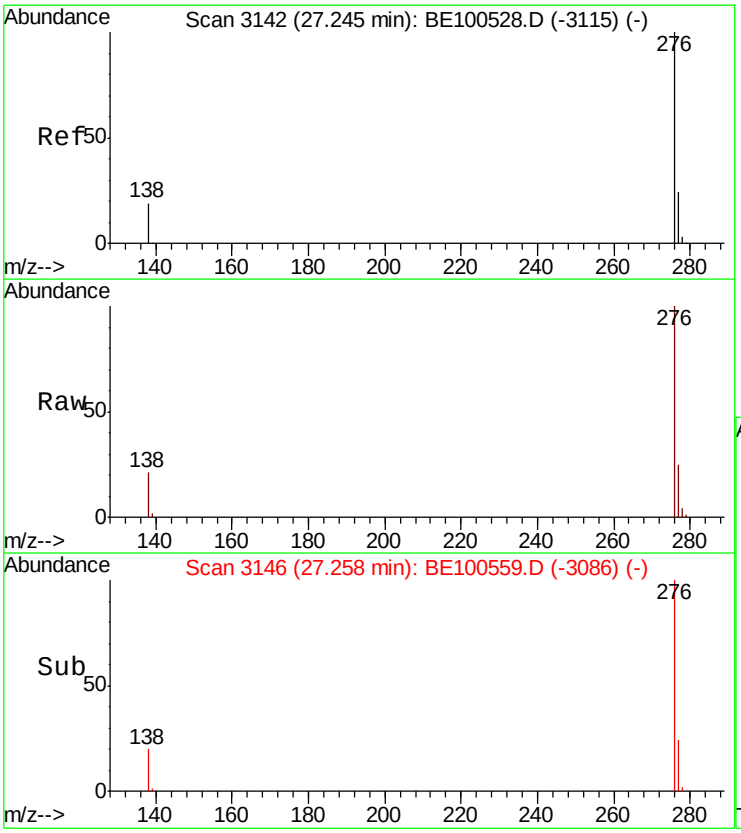
#38
Dibenzo(a,h)anthracene
Concen: 0.643 ng
RT: 26.47 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 103139

Ion	Ratio	Lower	Upper
278	100		
139	19.5	11.6	17.4#
279	30.4	19.7	29.5#





#39
Benzo(g,h,i)perylene
Concen: 2.669 ng
RT: 27.26 min Scan# 3146
Delta R.T. 0.01 min
Lab File: BE100559.D
Acq: 25 Sep 2019 16:37

Tgt Ion:276 Resp: 447408

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	21.2	15.7	23.5